

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Abelia x
Cultivar: 10-9044-1
Common Name: Glossy Abelia
Source: The Conard Pyle Co.

Family: Caprifoliaceae
Quantity observed: 1

Variety:
Tsnum: 14089
Location: E5

Observation Date of Plant: 9/30/2018

Plant Habit: Spreading

Plant Height: 8 in

Plant Width: 18 in.

Current Seasons Growth: 3-6 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Abeliophyllum distichum **Variety:**
Cultivar: **Family:** Oleaceae **Tsnum:** 01040
Common Name: White Forsythia
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** B7

Observation Date of Plant: 9/4/2017

Plant Habit: Broad oval

Plant Height: 3-4 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2004. Slightly chlorotic. May look better with more sun.

Observation Date of Flowers: 3/19/2012

Flower Color: White

Flower Type: cluster

Flower Effect: Excellent

% of Flower Coverage: 60-80%

Bloom Stage: Flowers open

Comments on Flowers: Nice fragrance.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Abies concolor **Variety:** -0-
Cultivar: Candicans **Family:** Pinaceae **Tsnum:** 91141
Common Name: Blue White Fir
Source: Oregon Garden Products **Quantity observed:** 3 **Location:** F10, E11

Observation Date of Plant: 10/2/2018

Plant Habit: Narrow, pyramidal

Plant Height: 20-30 ft.

Plant Width: 12-20 ft

Current Seasons Growth: 8-12 in.

Foliage Color: Blue/green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Health is improving on two trees after nearby tree was removed which was crowding the others.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
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Scientific Name: Abies koreana **Variety:**
Cultivar: Horstmann Silberlocke **Family:** Pinaceae **Tsnum:** 13036
Common Name: Silberlocke Korean Fir
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** F10

Observation Date of Plant: 10/2/2018

Plant Habit: Pyramidal

Plant Height: 5-7 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Green with white lower surface that curves up for a striped bicolor effect.

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Deer damage

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013. Striking foliage. One of two was 50% grazed by deer the first winter.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
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Scientific Name: Abies lasiocarpa **Variety:**
Cultivar: Glauca Compacta **Family:** Pinaceae **Tsnum:** 17091
Common Name: Dwarf Blue Rocky Mountain Fir
Source: Monrovia Growers **Quantity observed:** 3 **Location:** CFA

Observation Date of Plant: 9/30/2018

Plant Habit: Pyramidal

Plant Height: 2 ft.

Plant Width: 12- 18 in

Current Seasons Growth: 6-12 in

Foliage Color: Blue

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, confined areas

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer buergeranum **Variety:** -0-
Cultivar: -0- **Family:** Aceraceae **Tsnum:** 80272
Common Name: Trident Maple
Source: OE White Research Arboretu **Quantity observed:** 1 **Location:** B12

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 50-60 ft.

Plant Width: 25-35 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Light to medium green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair to good

Fruit Present: Abundant fruit

Fruit Color: Green to tan

Insect Pests:

Pest Severity:

Plant Disease: Inactive canker

Disease Severity: Aesthetics affected

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Bark is flaky and very attractive, canker is large but not active. It may cause structural failure in the future.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
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Scientific Name: Acer caddo **Variety:**
Cultivar: **Family:** Aceraceae **Tsnum:** 94174
Common Name: Caddo Maple
Source: Oklahoma **Quantity observed:** 2 **Location:** SC1-1,2

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 18-25 ft.

Plant Width: 18-24 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: No sign of chlorosis. Nice overall appearance.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Red, orange, yellow

Date of observation: 10/19/2011

Persistence: 2-4 weeks

**2018 Woody Plant Evaluations
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Scientific Name: Acer campestre **Variety:**
Cultivar: JFS Schichtel2 **Family:** Aceraceae **Tsnum:** 17001
Common Name: Streetside™ Hedge Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** G4, G3

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval, narrow

Plant Height: 8-12 ft.

Plant Width: 2-4 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, street tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
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Scientific Name: Acer campestre **Variety:** -0-
Cultivar: Queen Elizabeth **Family:** Aceraceae **Tsnum:** 88090
Common Name: Queen Elizabeth Hedge Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** AA12

Observation Date of Plant: 9/27/2018

Plant Habit: Round to broad oval

Plant Height: 30-40 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, medium size tree

Overall Plant Health: Good

Fruit Present: Moderate amount fruit

Fruit Color: Green turning to tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Spreading to unwanted places by seed.

Recommended: Yes

Comments on plant: Growth habit is very dense and uniform.

Observation Date of Flowers: 4/26/2006

Flower Color: Green

Flower Type: Cluster

Flower Effect: Fair to poor

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers: Not showy due to color and size.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
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Scientific Name: Acer campestre **Variety:**
Cultivar: Stgrezam **Family:** Aceraceae **Tsnum:** 04019
Common Name: Saint Gregory Hedge Maple
Source: Femrite Nursery Company **Quantity observed:** 2 **Location:** SC01-14, SC01-22

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 12-18 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor to good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Poor to good

Fruit Present: Few

Fruit Color: Green turning to tan

Insect Pests:

Pest Severity:

Plant Disease: Canker on one of two trees

Disease Severity: Severe injury

Cultural Problems: One of two trees was stressed by irrigation problem during nearby construction.

Nuisances:

Recommended: Marginal

Comments on plant: Planted in arboretum in 2006.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Yellow

Date of observation: 10/9/2017

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
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Scientific Name: Acer campestre **Variety:**
Cultivar: Streetwise **Family:** Aceraceae **Tsnum:** 10004
Common Name: Streetwise Hedge Maple
Source: Carlton Plants **Quantity observed:** 2 **Location:** A12

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 15-20 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 18-24 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small to medium tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. One of two looks a little leggy and has less vigor.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
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Scientific Name: Acer freemanii **Variety:** -0-
Cultivar: Armstrong **Family:** Aceraceae **Tsnum:** 93045
Common Name: Freeman Maple
Source: A. McGill & Son Nursery **Quantity observed:** 2 **Location:** SC1-10,11

Observation Date of Plant: 9/24/2017

Plant Habit: Columnar

Plant Height: 40-50 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, narrow/confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in 2003 due to unavoidable construction. Looks good for a freemanii maple in this area - no chlorosis and good vigor.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: orange, red

Date of observation: 9/20/2004

Persistence: 2-4 weeks

2018 Woody Plant Evaluations
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Scientific Name: Acer ginnala **Variety:** semenovii
Cultivar: **Family:** Aceraceae **Tsnum:** 02013
Common Name: Turkestan maple
Source: Sjulín Nurseries **Quantity observed:** 2 **Location:** B12, B13

Observation Date of Plant: 9/27/2018
Plant Habit: Multistemmed, irregular
Plant Height: 15-20 ft.
Plant Width: 20-30 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Fair
Fruit Present: Few fruit
Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in arboretum in 2003. Looks reasonable now but Acer ginnala often gets very chlorotic and one of two has about 30% of canopy with moderate chlorosis. Growth habit is not very attractive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer ginnala **Variety:**
Cultivar: JFS-UGA **Family:** Aceraceae **Tsnum:** 05013
Common Name: Red November Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A12?, SC1-15

Observation Date of Plant: 9/24/2017

Plant Habit: Irregular

Plant Height: 10-14 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Light green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, small tree

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2008. 10/25/11 - Heavy snow broke out top 4 feet as tree still had all its foliage. Looks surprisingly good the past 3-4 years with no chlorosis.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Dark red

Date of observation: 10/20/2011

Persistence: 2-3 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer ginnala **Variety:**
Cultivar: Ruby Slippers **Family:** Aceraceae **Tsnum:** 10013
Common Name: Ruby Slippers Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** B12, B13, HG

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 15-20 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, small tree

Overall Plant Health: Fair to good

Fruit Present: Moderate amount

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. One of three trees has slight chlorosis. Third tree planted in 2017 and looks good.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer grandidentatum **Variety:**
Cultivar: 91011-75 **Family:** Aceraceae **Tsnum:** 96281
Common Name: Big Tooth Maple
Source: Plant Select **Quantity observed:** 1 **Location:** G1

Observation Date of Plant: 10/8/2017

Plant Habit: Upright oval

Plant Height: 22-28 ft

Plant Width: 12-15 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Would probably be larger if not crowded by nearby plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer grandidentatum **Variety:**
Cultivar: 91014-52 **Family:** Aceraceae **Tsnum:** 96285
Common Name: Big Tooth Maple
Source: Plant Select **Quantity observed:** 1 **Location:** G1

Observation Date of Plant: 10/8/2017

Plant Habit: Upright oval

Plant Height: 25-35 ft

Plant Width: 20-25 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Looks happy despite being in area with poor irrigation.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer grandidentatum **Variety:**
Cultivar: JFS-NuMex3 **Family:** Aceraceae **Tsnum:** 17030
Common Name: Mesa Glow Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** G3

Observation Date of Plant: 9/28/2018

Plant Habit: Upright oval

Plant Height: 8-10 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Street tree, specimen, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer grandidentatum **Variety:**
Cultivar: Schmidt **Family:** Aceraceae **Tsnum:** 15047
Common Name: Rocky Mountain Glow Big Tooth Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC01-12, 02-11

Observation Date of Plant: 9/29/2018

Plant Habit: Round

Plant Height: 8-10 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 6-10 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade tree

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018. The tree planted in 2016 died from canker.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
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Scientific Name: Acer griseum **Variety:**
Cultivar: **Family:** Acerceae **Tsnum:** 03001
Common Name: Paperbark Maple
Source: Carlton Plants **Quantity observed:** 1 **Location:** B12

Observation Date of Plant: 9/27/2018
Plant Habit: Upright oval
Plant Height: 15-20 ft.
Plant Width: 6-10 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Important
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Residential street, shade tree

Overall Plant Health: Fair
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease: Canker
Disease Severity: Moderate injury

Cultural Problems:
Nuisances:

Recommended: Marginal

Comments on plant: Planted in arboretum in 2003. Peeling bark is very attractive and cinnamon brown. Canopy is thin and lost one branch (20% of canopy) due to canker.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer griseum **Variety:**
Cultivar: JFSKW8AGRI **Family:** Sapindaceae **Tsnum:** 18002
Common Name: Fireburst Paperbark Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** C13

Observation Date of Plant: 9/29/2018

Plant Habit: Young, undefined

Plant Height: 6-8 ft.

Plant Width: 1-2 ft.

Current Seasons Growth: 1-2 in.

Foliage Color: Dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend. Root balls seemed a little loose on arrival and probably why vigor is very low.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
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Scientific Name: Acer macrophyllum **Variety:**
Cultivar: **Family:** Aceraceae **Tsnum:** 15048
Common Name: Bigleaf Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** G3

Observation Date of Plant: 9/29/2018
Plant Habit: Upright oval
Plant Height: 8-10 ft
Plant Width: 4-6 ft
Current Seasons Growth: 6-12 in

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shade tree

Overall Plant Health: Fair
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer miyabei **Variety:**
Cultivar: JFS-KW3AMI **Family:** Aceraceae **Tsnum:** 11011
Common Name: Rugged Ridge Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** B13

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 7-9 ft

Plant Width: 7-9 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2014. Would probably be taller but central leader seems to be growing to one side possibly due too crowding from nearby plants

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 11/4/2015

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer miyabei **Variety:**
Cultivar: KW-3ami **Family:** Aceraceae **Tsnum:** 17005
Common Name: Rugged Ridge® Miyabe Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** G4, SC02-14

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 8-11 ft.

Plant Width: 5-6 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade tree, street tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer negundo **Variety:** -0-
Cultivar: -0- **Family:** Aceraceae **Tsnum:** 81299
Common Name: Boxelder
Source: Denver Botanic Gardens **Quantity observed:** 1 **Location:** A12

Observation Date of Plant: 9/27/2018
Plant Habit: Irregular
Plant Height: 40-50 ft.
Plant Width: 25-35 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Coarse
Aesthetic Plant Quality: Fair to poor
Landscape Uses: Difficult sites, shade tree

Overall Plant Health: Fair
Fruit Present: Moderate amount
Fruit Color: Tan, unattractive
Insect Pests:
Pest Severity:
Plant Disease: Canker on branches
Disease Severity: Moderate injury

Cultural Problems:
Nuisances: Susceptible to storm damage
Recommended: No
Comments on plant: Seeds can be invasive. Slight suckering. Poor growth habit.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer negundo **Variety:**
Cultivar: Kelly's Gold **Family:** Aceraceae **Tsnum:** 02045
Common Name: Kelly's Gold Box Elder
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC2-3

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 18-25 ft.

Plant Width: 18-25 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Light green with light yellow on new growth

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, difficult sites, under power lines where height is restricted

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved Spring of 2003 due to unavoidable construction. Light yellow leaves on branch tips appears to be bleaching out but looks okay overall.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: golden yellow

Date of observation: 9/20/2004

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer negundo **Variety:** -0-
Cultivar: Sensation **Family:** Aceraceae **Tsnum:** 91098
Common Name: Sensation Box Elder
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC1-6

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 30-40 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, difficult sites

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Transplanted in 2003 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow with hints of red

Date of observation: 10/6/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer negundo **Variety:**
Cultivar: Variegatum **Family:** Aceraceae **Tsnum:** 95034
Common Name: Variegated Boxelder
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC1-7,8

Observation Date of Plant: 9/24/2017

Plant Habit: Upright to round, irregular

Plant Height: 18-25 ft.

Plant Width: 18-25 ft

Current Seasons Growth: 8-15 in.

Foliage Color: Variegated, light green and white

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Green turning tan

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Minor injury

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Has minor suckering. Would benefit from regular pruning since it has a lot of little dead twigs from low vigor. May need more irrigation. About 70% of canopy reverting back to solid green.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Poor to fair

Fall Color: Pale yellow

Date of observation: 9/20/2004

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer nigrum **Variety:** -0-
Cultivar: -0- **Family:** Aceraceae **Tsnum:** 81228
Common Name: Black Maple
Source: Forrest Keeling Nursery **Quantity observed:** 1 **Location:** C13

Observation Date of Plant: 9/29/2018
Plant Habit: Upright oval
Plant Height: 40-45 ft.
Plant Width: 30-40 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium to dark green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: May grow wider but this tree is crowded by nearby plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Golden yellow

Date of observation: 10/6/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer nigrum **Variety:** -0-
Cultivar: Greencolumn **Family:** Aceraceae **Tsnum:** 89128
Common Name: Greencolumn Black Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C13

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 40-50 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Lost a large limb due to snow damage October 2011 which may cause problems over the long term.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: red/orange

Date of observation: 10/14/2018

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer palmatum **Variety:**
Cultivar: **Family:** Sapindaceae **Tsnum:** 15082
Common Name: Japanese Maple
Source: Monrovia Growers **Quantity observed:** 2 **Location:** C13, C14

Observation Date of Plant: 9/29/2018

Plant Habit: Vase

Plant Height: 4-5 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good to fair

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016. Both look healthy but one appears to lost top 30% of canopy possibly due to winter dieback but second plant has no damage.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer platanoides **Variety:** -0-
Cultivar: -0- **Family:** Aceraceae **Tsnum:** 78137
Common Name: Norway Maple
Source: Kankakee Nursery Company **Quantity observed:** 2 **Location:** B13

Observation Date of Plant: 9/27/2018

Plant Habit: Round to upright oval

Plant Height: 40-50 ft.

Plant Width: 45-55 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 4/26/2006

Flower Color: Yellow/green

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 70-90%

Bloom Stage: Flowers open

Comments on Flowers: Not a bright enough yellow to be showy - blends in with emerging foliage.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer platanoides **Variety:** -0-
Cultivar: Cavalier **Family:** Aceraceae **Tsnum:** 88087
Common Name: Cavalier Norway Maple
Source: Handy Nursery Co. **Quantity observed:** 1 **Location:** B13

Observation Date of Plant: 9/27/2018

Plant Habit: Round to upright oval

Plant Height: 40-50 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Partly disfigured by storm damage.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer platanoides **Variety:** -0-
Cultivar: Cleveland **Family:** Aceraceae **Tsnum:** 86205
Common Name: Cleveland Norway Maple
Source: Mount Arbor Nursery **Quantity observed:** 1 **Location:** AA14

Observation Date of Plant: 9/27/2018

Plant Habit: Round

Plant Height: 35-45 ft.

Plant Width: 40-50 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Planted at edge of arboretum where irrigation is less uniform.

Nuisances:

Recommended: Yes

Comments on plant: Uniform growth habit, wide branch angles, very attractive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer platanoides **Variety:** -0-
Cultivar: Columnaris **Family:** Aceraceae **Tsnum:** 78138
Common Name: Columnar Norway Maple
Source: Unknown **Quantity observed:** 1 **Location:** C13

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 45-55 ft.

Plant Width: 35-45 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Not very columnar.

Observation Date of Flowers: 4/26/2006

Flower Color: Yellow/green

Flower Type: cluster

Flower Effect: Fair

% of Flower Coverage: 50-70%

Bloom Stage: Flowers open

Comments on Flowers: Not a bright enough yellow to be showy - blends in with emerging foliage.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer platanoides **Variety:**
Cultivar: Conzam **Family:** Aceraceae **Tsnum:** 05014
Common Name: Conquest Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC01-16

Observation Date of Plant: 9/24/2017

Plant Habit: Round

Plant Height: 12-18 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Leaf spot

Disease Severity: Slight injury

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2008. Has apparent frost crack on SW side of trunk. Canopy is more open due to heavy snow in May 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer platanoides **Variety:**
Cultivar: Conzam **Family:** Aceraceae **Tsnum:** 06001
Common Name: Conquest Norway Maple
Source: Femrite Nursery Company **Quantity observed:** 1 **Location:** C14

Observation Date of Plant: 9/29/2018

Plant Habit: Round

Plant Height: 8-12 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Lost central leader earlier from unknown cause and lateral branches became dominant so growth habit is more bushy than before. Planted in 2011.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer platanoides **Variety:** -0-
Cultivar: Deborah **Family:** Aceraceae **Tsnum:** 84181
Common Name: Deborah Norway Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** C13, C14

Observation Date of Plant: 9/29/2018

Plant Habit: Round to upright oval

Plant Height: 40-50 ft.

Plant Width: 40-50 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green/red

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Nice shape but one tree has included bark in trunk.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer platanoides **Variety:** -0-
Cultivar: Fairview **Family:** Aceraceae **Tsnum:** 93090
Common Name: Fairview Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C12

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 50-55 ft.

Plant Width: 35-45 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Green to tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 4/26/2006

Flower Color: Yellow/green

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 60-80%

Bloom Stage: Flowers open

Comments on Flowers: Flowers look a little more showy than most because of color contrast with emerging dark red foliage.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer platanoides **Variety:**
Cultivar: Globosum **Family:** Aceraceae **Tsnum:** 02004
Common Name: Globe Norway Maple
Source: Femrite Nursery Company **Quantity observed:** 1 **Location:** SC03-3

Observation Date of Plant: 9/24/2017

Plant Habit: Round or broad oval

Plant Height: 7 - 8 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Moderate to severe injury

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Planted in arboretum in 2003. Canopy is very dense. Two large cankers on opposite sides of trunk killed top 3-5 feet of central leader.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: yellow/orange

Date of observation: 9/20/2004

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer platanoides **Variety:**
Cultivar: Jade Glen **Family:** Aceraceae **Tsnum:** 00041
Common Name: Jade Glen Maple
Source: A. McGill & Son Nursery **Quantity observed:** 1 **Location:** SC2-6

Observation Date of Plant: 9/24/2017

Plant Habit: Round to broad oval

Plant Height: 20-25 ft

Plant Width: 18-25 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: Very few

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2004. Growth on central leader is minimal and most new growth is on lateral branches. Remainder of tree looks good.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: yellow

Date of observation: 9/20/2004

Persistence: 2-4 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer platanoides **Variety:** -0-
Cultivar: Lamis **Family:** Aceraceae **Tsnum:** 89113
Common Name: Crystal Norway Maple
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** SC2-5

Observation Date of Plant: 9/24/2017

Plant Habit: Broad oval

Plant Height: 20-25 ft.

Plant Width: 35-45 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in 2003 due to unavoidable construction. Has regained vigor by 2007.
Has a very attractive, uniform growth habit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: yellow

Date of observation: 9/20/2004

Persistence: 2-4 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer platanoides **Variety:**
Cultivar: National 2000 **Family:** Aceraceae **Tsnum:** 05003
Common Name: Champtree Norway Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC3-6

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 24-28 ft.

Plant Width: 14-20 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, shade tree, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2006. Has a nice growth habit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer platanoides **Variety:** columnaris
Cultivar: Olmstead **Family:** Aceraceae **Tsnum:** 86184
Common Name: Olmstead Columnar Norway Maple
Source: Schichtel's Nursery **Quantity observed:** 1 **Location:** C13

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 45-55 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: This tree may have a wider growth habit if it had more space. More space/sun would probably give it good ratings for both health and overall aesthetics. It has had previous storm damage that has made the overall appearance fairly coarse.

Observation Date of Flowers: 4/26/2006

Flower Color: Yellow/green

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 60-70%

Bloom Stage: Flowers open

Comments on Flowers: Not a bright enough yellow to be showy - blends in with emerging foliage.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer platanoides **Variety:** -0-
Cultivar: Pond **Family:** Aceraceae **Tsnum:** 85084
Common Name: Emerald Lustre Norway Maple
Source: A. McGill & Son Nursery **Quantity observed:** 1 **Location:** A13

Observation Date of Plant: 9/27/2018

Plant Habit: Broad oval

Plant Height: 20-30 ft.

Plant Width: 40-50 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer platanoides **Variety:** -0-
Cultivar: Pond **Family:** Aceraceae **Tsnum:** 85163
Common Name: Emerald Lustre Norway Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** B14

Observation Date of Plant: 9/27/2018

Plant Habit: Broad oval

Plant Height: 30-40 ft.

Plant Width: 40-50 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Nice canopy shape but developing some included bark.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 10/28/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer platanoides **Variety:** -0-
Cultivar: Princeton Gold **Family:** Aceraceae **Tsnum:** 93089
Common Name: Princeton Gold Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC1-9

Observation Date of Plant: 9/24/2017
Plant Habit: Round becoming broad oval
Plant Height: 25-30 ft.
Plant Width: 30-40 ft.
Current Seasons Growth: 8-12 in.

Foliage Color: Yellow on tips then light green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium to coarse
Aesthetic Plant Quality: Fair to good
Landscape Uses: Residential street, specimen

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved Spring of 2003 due to unavoidable construction. Yellow leaves on branch tips have slight scorch but may look better with more irrigation. Storm damage has left some holes in the canopy.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: bright yellow

Date of observation: 10/16/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer platanoides **Variety:** -0-
Cultivar: Royal Red **Family:** Aceraceae **Tsnum:** 85086
Common Name: Royal Red Norway Maple
Source: A. McGill & Son Nursery **Quantity observed:** 1 **Location:** B14

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval to round

Plant Height: 30-40 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Dark red/green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: dark red and purple

Date of observation: 9/20/2004

Persistence: 2-4 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer platanoides **Variety:** -0-
Cultivar: Summershade **Family:** Aceraceae **Tsnum:** 87080
Common Name: Summershade Norway Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** B14

Observation Date of Plant: 9/27/2018

Plant Habit: Irregular to round

Plant Height: 30-35 ft.

Plant Width: 30-35 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Severe injury

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Growth habit deformed by storm damage but returning to a more normal appearance. Canker in trunk killed 25% of original central leader a few years ago and probably causing large split in bark down the rest of the tree.

Observation Date of Flowers: 4/26/2006

Flower Color: Yellow/green

Flower Type: cluster

Flower Effect: Fair

% of Flower Coverage: 50-70%

Bloom Stage: Flowers open

Comments on Flowers: Not a bright enough yellow to be showy - blends in with emerging foliage.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer platanoides **Variety:**
Cultivar: Variegatum **Family:** Aceraceae **Tsnum:** 03037
Common Name: Silver Variegated Norway Maple
Source: A. McGill & Son Nursery **Quantity observed:** 2 **Location:** SC1-4, C12

Observation Date of Plant: 9/29/2018
Plant Habit: Upright oval becoming round
Plant Height: 20-27 ft.
Plant Width: 20-25 ft.
Current Seasons Growth: 10-15 in.

Foliage Color: Variegated, green/white
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen, shade tree

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Planted in 2004. One of two trees have about 40-70% of tree reverting to a solid green leaf and second tree had 100% reverted.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer pseudoplatanus **Variety:**
Cultivar: **Family:** Aceraceae **Tsnum:** 15049
Common Name: Sycamore Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** G3, SC02-01

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 10-15 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade tree

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2016 and 2 more in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 10/9/2017

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer rubrum **Variety:**
Cultivar: Armstrong **Family:** Aceraceae **Tsnum:** 16020
Common Name: Armstrong Red Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** HG

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 12-18 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 4-8 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Shade tree, specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer rubrum **Variety:**
Cultivar: Armstrong Gold **Family:** Aceraceae **Tsnum:** 13038
Common Name: Armstrong Gold Red Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** C13, G3

Observation Date of Plant: 9/28/2018

Plant Habit: Upright, narrow

Plant Height: 10-14 ft.

Plant Width: 2 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer rubrum **Variety:**
Cultivar: Brandywine **Family:** Aceraceae **Tsnum:** 02001
Common Name: Brandywine Red Maple
Source: A. McGill & Son Nursery **Quantity observed:** 1 **Location:** SC02-13

Observation Date of Plant: 9/24/2017

Plant Habit: Round

Plant Height: 10-14 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, specimen, shade tree

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2004. Has moderate chlorosis - doesn't seem to tolerate a soil pH near 8.0. Some foliage developing necrotic spots. Suffered severe snow damage 10/25/11 with a split down the middle of the trunk.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: rose, red, yellow

Date of observation: 10/9/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer rubrum **Variety:**
Cultivar: Frank Jr. **Family:** Aceraceae **Tsnum:** 15050
Common Name: Redpointe Red Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC05-03

Observation Date of Plant: 9/29/2017

Plant Habit: Upright oval

Plant Height: 10-15 ft.

Plant Width: 4-7 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 10/12/2017

Aesthetics: Good, moderate brightne **Persistence:** 1-2 weeks

Fall Color: Red/orange

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer rubrum **Variety:** -0-
Cultivar: Schlesinger **Family:** Aceraceae **Tsnum:** 86108
Common Name: Schlesinger Red Maple
Source: Carlton Plants **Quantity observed:** 2 **Location:** C13, C12

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 35-45 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Light green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good to fair

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good to fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of two has reduced vigor probably due to circling/girdling roots.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: yellow, orange

Date of observation: 9/20/2004

Persistence: 2-4 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharinum **Variety:**
Cultivar: Blair **Family:** Aceraceae **Tsnum:** 02005
Common Name: Blair Silver Maple
Source: Femrite Nursery Company **Quantity observed:** 2 **Location:** SC2-2, SC3-2

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 40-50 ft.

Plant Width: 30-35 ft.

Current Seasons Growth: 12-18 in

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Minor suckering

Recommended: Yes

Comments on plant: Planted in arboretum in 2003. Both look very nice.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: yellow

Date of observation: 9/20/2004

Persistence: 2-4 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharinum **Variety:** -0-
Cultivar: Silver Queen **Family:** Aceraceae **Tsnum:** 89133
Common Name: Silver Queen Silver Maple
Source: Sherman Nursery **Quantity observed:** 1 **Location:** B12

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 50-60 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Light to medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, large shade tree

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Somewhat susceptible to storm damage. Seems to be more tolerant of high soil pH than the species but does have minor chlorosis.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharinum **Variety:** -0-
Cultivar: Skinneri **Family:** Aceraceae **Tsnum:** 91101
Common Name: Skinner's Cutleaf Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC1-17

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 25-35 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Light green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Slight injury on branch (10% of canopy)

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in 2003 due to unavoidable construction. Canker killed one branch which was about 5-10% of canopy but doesn't appear active.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: yellow

Date of observation: 10/16/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharinum **Variety:** -0-
Cultivar: Skinner's Cutleaf **Family:** Aceraceae **Tsnum:** 84197
Common Name: Skinner's Cutleaf Silver Maple
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** C12

Observation Date of Plant: 9/27/2018
Plant Habit: Upright oval
Plant Height: 60-70 ft.
Plant Width: 35-45 ft.
Current Seasons Growth: 1 - 2 ft.

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, large shade tree

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances: Susceptible to storm damage but seems to be more tolerant of high soil pH than

Recommended: Yes

Comments on plant: May have a wider growth habit if it had more space.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 9/20/2004

Persistence: 2-4 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharum **Variety:** -0-
Cultivar: -0- **Family:** Aceraceae **Tsnum:** 92094
Common Name: Sugar Maple
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** SC2-15

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 18-24 ft.

Plant Width: 14-18 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has a nice uniform growth habit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/9/2017

Aesthetics: Excellent

Persistence: 1-2 weeks

Fall Color: orange, yellow, slightly red on some edge

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer saccharum **Variety:** -0-
Cultivar: -0- **Family:** Aceraceae **Tsnum:** 80159
Common Name: Sugar Maple
Source: American Nursery Product/Mi **Quantity observed:** 1 **Location:** A12

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 50-60 ft.

Plant Width: 40-50 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Slight injury on small branch

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharum **Variety:** -0-
Cultivar: Arrowhead **Family:** Aceraceae **Tsnum:** 86186
Common Name: Arrowhead Sugar Maple
Source: Schichtel's Nursery **Quantity observed:** 2 **Location:** B12, A12

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 40-50 ft.

Plant Width: 35-45 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Uniform growth habit and excellent fall color. It always has dependable performance through the years

Observation Date of Flowers: 4/26/2006

Flower Color: Yellow/green

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 40-50%

Bloom Stage: Flowers open

Comments on Flowers: Pendulous flowers are an interesting shape but not a very showy color.

Fall Color or Fruit: Fall color

Date of observation: 10/28/2008

Aesthetics: Excellent

Persistence: 1-2 weeks

Fall Color: yellow, magenta red

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer saccharum **Variety:**
Cultivar: Autumn Faith **Family:** Aceraceae **Tsnum:** 08014
Common Name: Autumn Faith Sugar Maple
Source: Femrite Nursery Company **Quantity observed:** 1 **Location:** B12

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 7-10 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker not active

Disease Severity: Moderate injury in past

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Top 3 feet died from canker but lower branches are replacing it and it looks pretty good from a distance. Planted in 2011.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharum **Variety:**
Cultivar: Bailsta **Family:** Aceraceae **Tsnum:** 17002
Common Name: Fall Fiesta® Sugar Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** G4

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 7-9 ft

Plant Width: 4-6 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharum **Variety:**
Cultivar: Barrett Cole **Family:** Aceraceae **Tsnum:** 15051
Common Name: Apollo Sugar Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** C14, SC02-11

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 7-9 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2018.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer saccharum **Variety:** -0-
Cultivar: Bonfire **Family:** Aceraceae **Tsnum:** 82114
Common Name: Bonfire Sugar Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A12

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 50-60 ft.

Plant Width: 45-55 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Nice growth habit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Bright red

Date of observation: 10/10/2012

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharum **Variety:**
Cultivar: Campfire **Family:** Aceraceae **Tsnum:** 96038
Common Name: Campfire Maple
Source: James Holmund Nursery **Quantity observed:** 2 **Location:** SC1-19,20

Observation Date of Plant: 9/24/2017
Plant Habit: Upright oval and somewhat irregular
Plant Height: 20-30 ft.
Plant Width: 12-18 ft
Current Seasons Growth: 6-12 in.

Foliage Color: Medium to light green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in 2003 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 10/12/2017
Aesthetics: Excellent **Persistence:** 1-2 weeks
Fall Color: orange, shades of red

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer saccharum **Variety:**
Cultivar: Chippewa Fire **Family:** Aceraceae **Tsnum:** 96037
Common Name: Chippewa Fire Maple
Source: James Holmund Nursery **Quantity observed:** 1 **Location:** SC1-21

Observation Date of Plant: 9/24/2017

Plant Habit: Round or vase

Plant Height: 12-17 ft.

Plant Width: 18-24 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Looks very healthy. Would probably look better if central leader not taken over by opposite branches.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Bright rose/red

Date of observation: 10/12/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharum **Variety:**
Cultivar: Fairview **Family:** Aceraceae **Tsnum:** 95041
Common Name: Fairview Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC2-16

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 20-30 ft.

Plant Width: 15-20 ft

Current Seasons Growth: 6- 12 in.

Foliage Color: Light green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Attractive, dense growth habit. Lost one branch (10% of canopy) from unknown cause.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Bright rose/orange

Date of observation: 10/15/2015

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer saccharum **Variety:** -0-
Cultivar: Green Column **Family:** Aceraceae **Tsnum:** 84183
Common Name: Green Mountain Sugar Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A13

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 40-50 ft.

Plant Width: 40-45 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Nice shape to growth habit. Nice central leader.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer saccharum **Variety:**
Cultivar: Heartland **Family:** Aceraceae **Tsnum:** 06003
Common Name: Autumn Faith Sugar Maple
Source: Femrite Nursery Company **Quantity observed:** 2 **Location:** A12?, SC02-4

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 10-15 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 10-20 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Severe injury on one tree

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2008. Canker on trunk killed the top one third of plant but remainder would look good if dead wood is removed.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer saccharum **Variety:**
Cultivar: Hiawatha 1 **Family:** Aceraceae **Tsnum:** 10016
Common Name: Oregon Trail Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A12

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 14-18 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 10-15 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 11/4/2015

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: Mostly yellow with some red shades

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharum **Variety:**
Cultivar: Jefcan **Family:** Acereae **Tsnum:** 09069
Common Name: Unity Maple
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** C12

Observation Date of Plant: 9/29/2018
Plant Habit: Upright oval
Plant Height: 12-18 ft.
Plant Width: 8-10 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen

Overall Plant Health: Good
Fruit Present: None
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Planted in 2012.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 9/30/2014
Aesthetics: Good **Persistence:** 1-2 weeks
Fall Color: Red, yellow, orange

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharum **Variety:**
Cultivar: JFS-Caddo2 **Family:** Aceraceae **Tsnum:** 10014
Common Name: Flashfire Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC01-05

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 15-20 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Moderate injury

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. Large canker on one branch causing one side to look a little thin but may recover.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Red

Date of observation: 11/4/2015

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharum **Variety:**
Cultivar: JFS-KW8 **Family:** Aceraceae **Tsnum:** 09011
Common Name: Autumn Fest Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C12

Observation Date of Plant: 9/29/2018
Plant Habit: Upright oval becoming round to irregular
Plant Height: 12-20 ft.
Plant Width: 15-20 ft.
Current Seasons Growth: 24-30 in

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharum **Variety:**
Cultivar: John Pair **Family:** Aceraceae **Tsnum:** 07046
Common Name: John Pair Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC02-12

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 12-18 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2008.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Rosy red, bright

Date of observation: 10/9/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharum **Variety:** -0-
Cultivar: Majesty **Family:** Aceraceae **Tsnum:** 87101
Common Name: Majesty Sugar Maple
Source: A. McGill & Son Nursery **Quantity observed:** 1 **Location:** AA13

Observation Date of Plant: 9/27/2018
Plant Habit: Upright oval becoming round
Plant Height: 40-45 ft.
Plant Width: 30-40 ft
Current Seasons Growth: 8-12 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease: Canker - not active
Disease Severity: Aesthetics affected but almost normal looking
Cultural Problems: Crowded by nearby plants

Nuisances:

Recommended: Yes

Comments on plant: New growth is about to overcome aesthetic problem of old canker.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharum **Variety:**
Cultivar: Monumentale **Family:** Aceraceae **Tsnum:** 96132
Common Name: Temple's Upright Maple
Source: Schichtel's Nursery **Quantity observed:** 2 **Location:** CFA, AA12

Observation Date of Plant: 9/4/2018

Plant Habit: Columnar

Plant Height: 35-45 ft.

Plant Width: 4-8 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, narrow/confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Very unique growth habit. One of the top five most columnar growth habits in the arboretum. One of two trees moved in 2016 due to unavoidable construction but still looks good.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/6/2008

Aesthetics: Good

Persistence: 1-2weeks

Fall Color: A lot of yellow but also bright red, orange

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharum **Variety:**
Cultivar: Morton **Family:** Aceraceae **Tsnum:** 00157
Common Name: Crescendo Sugar Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** B12

Observation Date of Plant: 9/27/2018
Plant Habit: Upright oval becoming more round.
Plant Height: 30-40 ft.
Plant Width: 30-40 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2002. Has a nice central leader.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color
Aesthetics: Excellent
Fall Color: Red

Date of observation: 10/10/2004
Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharum **Variety:** -0-
Cultivar: Seneca Chief **Family:** Aceraceae **Tsnum:** 86187
Common Name: Seneca Chief Sugar Maple
Source: Schichtel's Nursery **Quantity observed:** 1 **Location:** AA12

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 40-50 ft.

Plant Width: 25-35 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, narrow/confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Dense and uniform branching habit is very attractive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Golden yellow

Date of observation: 10/28/2008

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer saccharum **Variety:**
Cultivar: Sisseton **Family:** Aceraceae **Tsnum:** 10015
Common Name: Northern Flare Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A12

Observation Date of Plant:

Plant Habit: Upright oval
Plant Height: 15-20 ft.
Plant Width: 8-12 ft.
Current Seasons Growth: 10-15 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 11/4/2015

Aesthetics: Excellent, bright colors **Persistence:** 1-2 weeks

Fall Color: Orange/yellow

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer saccharum **Variety:**
Cultivar: Sugar Cone **Family:** Aceraceae **Tsnum:** 04043
Common Name: Sugar Cone Maple
Source: Schichtel's Nursery **Quantity observed:** 2 **Location:** B12

Observation Date of Plant: 9/27/2018

Plant Habit: Columnar

Plant Height: 15-20 ft.

Plant Width: 5-8 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Excellent

Landscape Uses: Residential street, confined areas, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2004. Growth habit is very uniform.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer saccharum **Variety:**
Cultivar: Wright Brothers **Family:** Aceraceae **Tsnum:** 01002
Common Name: Wright Brothers Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC01-18

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 18-24 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Light to medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2004.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Mostly a nice rosy red

Date of observation: 10/9/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer tataricum **Variety:** -0-
Cultivar: -0- **Family:** Aceraceae **Tsnum:** 86188
Common Name: Tatarian Maple
Source: Schichtel's Nursery **Quantity observed:** 1 **Location:** B13

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 30-40 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair to good

Fruit Present: Abundant

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Many suckers

Recommended: Marginal

Comments on plant: Not a very uniform canopy due to storm damage.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer tataricum **Variety:**
Cultivar: Actar **Family:** Aceraceae **Tsnum:** 94019
Common Name: Summer Splendor Tatarian Maple
Source: Discover-Tree Research **Quantity observed:** 2 **Location:** SC2-7,8

Observation Date of Plant: 9/24/2017

Plant Habit: Irregular

Plant Height: 15-18 ft.

Plant Width: 20-25 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen, small tree

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Moved in 2003 due to unavoidable construction. Still misshapen by storm damage in 2002.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: yellow

Date of observation: 9/20/2004

Persistence: 2-4 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer tataricum **Variety:** tree-form
Cultivar: GarAnn **Family:** Aceraceae **Tsnum:** 12078
Common Name: Hot Wings Tatarian Maple
Source: Fort Collins Nursery **Quantity observed:** 2 **Location:** SC03-05, C11

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 8-12 ft.

Plant Width: 6-9 ft.

Current Seasons Growth: 6-12in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, small tree

Overall Plant Health: Fair

Fruit Present: Abundant

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of two has large canker affecting 50% of canopy but other tree looks good.
Red samaras are very showy at peak.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer tataricum **Variety:**
Cultivar: Hot Wings **Family:** Aceraceae **Tsnum:** 04025
Common Name: Hot Wings Tatarian Maple
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** B12

Observation Date of Plant: 9/27/2018
Plant Habit: Upright oval, multistem
Plant Height: 15-20 ft.
Plant Width: 25-30 ft.
Current Seasons Growth: 12-24 in.

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, small confined areas

Overall Plant Health: Good
Fruit Present: Abundant
Fruit Color: Red to tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2004. Growth habit was deformed by snow damage October 2011.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer tataricum **Variety:**
Cultivar: JFS-KW2 **Family:** Aceraceae **Tsnum:** 06022
Common Name: Rugged Charm Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** B12

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 25-30 ft.

Plant Width: 12-18 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2007. Growth habit is a little one sided and getting crowded by nearby trees. No sign of chlorosis.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer tataricum **Variety:**
Cultivar: 'GarAnn' **Family:** Aceraceae **Tsnum:** 00042
Common Name: Hotwing Tatarian Maple
Source: A. McGill & Son Nursery **Quantity observed:** 1 **Location:** C14

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 8-12 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Growth habit on top 25% is flopping to north for unknown reason. Possibly due to crowding from nearby trees?

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer tataricum **Variety:**
Cultivar: Actar **Family:** Aceraceae **Tsnum:** 10143
Common Name: Hot Wings Tatarian Maple
Source: Garden and Home Show **Quantity observed:** 2 **Location:** B12

Observation Date of Plant: 9/5/2018

Plant Habit: Upright oval

Plant Height: 10-14 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small confined areas

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Red, very showy

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. One of two trees crowded and growth habit leaning towards sun

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer triflorum **Variety:**
Cultivar: **Family:** Aceracea **Tsnum:** 16001
Common Name: Three-flowered Maple
Source: Carlton Plants **Quantity observed:** 2 **Location:** G4?

Observation Date of Plant: 9/5/2018
Plant Habit: Upright oval
Plant Height: 7-9 ft.
Plant Width: 4-6 ft.
Current Seasons Growth: 6-12 in

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Shade tree, specimen

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018. Too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow, red

Date of observation: 10/4/2018

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer truncatum **Variety:**
Cultivar: Warrenred **Family:** Aceraceae **Tsnum:** 07063
Common Name: Pacific Sunset Shantung Maple
Source: Carlton Plants **Quantity observed:** 1 **Location:** SC03-04

Observation Date of Plant: 9/24/2017
Plant Habit: Upright oval to pyramidal
Plant Height: 18-24 ft.
Plant Width: 14-18 ft
Current Seasons Growth: 6-12 in.

Foliage Color: Medium to dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen, medium shade tree

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2008. Scion is flaring out over root stock graft.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer truncatum x platanoides **Variety:**
Cultivar: JFS-KW187 **Family:** Sapindaceae **Tsnum:** 15063
Common Name: Urban Sunset Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC01-12, HG

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 8-12 ft.

Plant Width: 7-9 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green, glossy

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shade tree

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016 and another in 2017. Foliage color is very attractive. Tree planted in 2017 has some brown leaf margins and working on getting established.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Acer truncatum x platanoides **Variety:**
Cultivar: JFS-KW249 **Family:** Aceraceae **Tsnum:** 16016
Common Name: Ruby Sunset Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** HG, SC03-05

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 7-10 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Shade tree, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer x **Variety:** -0-
Cultivar: Warrenred **Family:** Aceraceae **Tsnum:** 90022
Common Name: Pacific Sunset Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** AA13

Observation Date of Plant: 9/27/2018

Plant Habit: Round to broad oval

Plant Height: 35-45 ft.

Plant Width: 40-50 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, medium shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer x freemanii **Variety:** -0-
Cultivar: Celebration **Family:** Aceraceae **Tsnum:** 90047
Common Name: Celebration Maple
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** C14, SC2-9

Observation Date of Plant: 9/29/2018
Plant Habit: Upright oval
Plant Height: 50-60 ft.
Plant Width: 40-50 ft.
Current Seasons Growth: 8-15 in.

Foliage Color: Light to medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen, shade tree

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has slight suckering. Second tree has less vigor possibly because it was moved in 2003 due to construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color
Aesthetics: Excellent
Fall Color: red, orange

Date of observation: 10/9/2017
Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer x freemanii **Variety:**
Cultivar: DTR 102 **Family:** Aceraceae **Tsnum:** 94075
Common Name: Autumn Fantasy Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC2-10

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 35-45 ft.

Plant Width: 30-35 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Light green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in 2003 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: bright, red

Date of observation: 10/9/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Acer x freemanii **Variety:** -0-
Cultivar: Jeffersred **Family:** Aceraceae **Tsnum:** 91100
Common Name: Autumn Blaze Maple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC1-3

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 35-45 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Bright red

Date of observation: 10/6/2017

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Aesculus flava **Variety:**
Cultivar: **Family:** Hippocastanaceae **Tsnum:** 06031
Common Name: Yellow Buckeye
Source: J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** SC09-1, A7, B7

Observation Date of Plant: 10/3/2018

Plant Habit: Round to irregular

Plant Height: 10-15 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Moderate suckering

Recommended: Yes

Comments on plant: Planted in 2008. One is leaning a lot due to big bend in trunk halfway up. Second tree has large frost crack on trunk but otherwise looks good. Third tree looks fine.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Aesculus glabra **Variety:** -0-
Cultivar: -0- **Family:** Hippocastanaceae **Tsnum:** 78141
Common Name: Ohio Buckeye
Source: Unknown **Quantity observed:** 2 **Location:** A6

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval to round

Plant Height: 20-25 ft.

Plant Width: 25-30 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One specimen is crowded and would be wider if given the space. Lost 20% canopy due to storm damage in 2017.

Observation Date of Flowers: 5/11/2006

Flower Color: Cream

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: bright orange

Date of observation: 9/20/2004

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Aesculus glabra **Variety:**
Cultivar: Early Glow **Family:** Sapindaceae **Tsnum:** 16003
Common Name: Early Glow Ohio Buckeye
Source: Carlton Plants **Quantity observed:** 2 **Location:** A7, HG

Observation Date of Plant: 9/27/2018
Plant Habit: Round, irregular
Plant Height: 6-8 ft.
Plant Width: 6-8 ft.
Current Seasons Growth: 10-15 in.

Foliage Color: Medium to dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Coarse
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, Shade tree

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Aesculus glabra x octandra **Variety:** -0-
Cultivar: -0- **Family:** Hippocastanaceae **Tsnum:** 87189
Common Name: Hybrid Buckeye
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** B6

Observation Date of Plant: 9/4/2017

Plant Habit: Upright oval, pyramidal

Plant Height: 20-25 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 10-18 in.

Foliage Color: Medium to dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is fairly uniform and very attractive. Included bark near central leader may create problem in future.

Observation Date of Flowers: 5/10/2006

Flower Color: Cream

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 30-40%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: orange, red-orange

Date of observation: 10/19/2005

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Aesculus hippocastanum **Variety:**
Cultivar: Baumannii **Family:** Hippocastanaceae **Tsnum:** 99034
Common Name: Baumann Horsechestnut
Source: Carlton Plants **Quantity observed:** 2 **Location:** A6, B6

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval to round

Plant Height: 25-30 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, large, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Attractive overall growth habit.

Observation Date of Flowers: 5/15/2006

Flower Color: White with red speckles in center.

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 10-40%

Bloom Stage: Flowers open

Comments on Flowers: Flowers are large and showy but very few.

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: yellow

Date of observation: 10/6/2008

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Aesculus parvifolia **Variety:**
Cultivar: **Family:** Hippocastanaceae **Tsnum:** 08020
Common Name: Bottlebrush Buckeye
Source: Carlton Plants **Quantity observed:** 1 **Location:** A7?, B7

Observation Date of Plant: 8/31/2017
Plant Habit: Young, undefined, multistem
Plant Height: 4-6 ft.
Plant Width: 4-6 ft.
Current Seasons Growth: 3-6 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Coarse
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen, shade tree

Overall Plant Health: Fair to good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012. Lost central leader from unknown cause while in lathhouse and growth habit will take time to recover.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Aesculus pavia **Variety:**
Cultivar: **Family:** Hippocastanaceae **Tsnum:** 07082
Common Name: Red Buckeye
Source: Forrest Keeling Nursery **Quantity observed:** 1 **Location:** B7

Observation Date of Plant: 8/31/2017

Plant Habit: Young, undefined

Plant Height: 4-5 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Shade tree, residential street

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Was in lathhouse too long but seems to be reestablishing vigor in 2017.

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013. Vigor is improving since last evaluation.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Aesculus pavia **Variety:**
Cultivar: **Family:** Hippocastanaceae **Tsnum:** 08021
Common Name: Red Buckeye
Source: Carlton Plants **Quantity observed:** 2 **Location:** A7, B6

Observation Date of Plant: 8/30/2017
Plant Habit: Young, undefined, multistemmed
Plant Height: 5-6 ft.
Plant Width: 8-10 ft.
Current Seasons Growth: 10-15 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Coarse
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen

Overall Plant Health: Fair
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2009. One of two plants had some damage to trunk from deer grazing that caused it to die down to about 8 inches from ground but is coming back very strong in 2015. Both are having trouble growing a central leader - both are floppy.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Aesculus x **Variety:**
Cultivar: Homestead **Family:** Hippocastanaceae **Tsnum:** 06009
Common Name: Homestead Horse Chestnut
Source: Carlton Plants **Quantity observed:** 2 **Location:** B6, SC09-4

Observation Date of Plant: 10/3/2018

Plant Habit: Round

Plant Height: 10-14 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium to dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair

Fruit Present: Few

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2008. Excellent, uniform growth habit although one tree had top 18 in. of central leader broken by very late snow in May 18, 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Aesculus x arnoldiana **Variety:**
Cultivar: Autumn Splendor **Family:** Hippocastanaceae **Tsnum:** 02021
Common Name: Autumn Splendor Horsechestnut
Source: Carlton Plants **Quantity observed:** 2 **Location:** SC9-2,3

Observation Date of Plant: 10/3/2018

Plant Habit: Round

Plant Height: 8-14 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, wildlife

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of two had 60% of branches removed by vandals in 2005.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Aesculus x carnea **Variety:**
Cultivar: Briotii **Family:** Hippocastanaceae **Tsnum:** 10001
Common Name: Briotii Red Horsechestnut
Source: Carlton Plants **Quantity observed:** 1 **Location:** A7?, B7

Observation Date of Plant: 8/31/2017

Plant Habit: Upright oval to round

Plant Height: 8-12 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. May be taller but had some snow breakage at top.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Alnus hirsuta **Variety:**
Cultivar: Harbin **Family:** Betulaceae **Tsnum:** 10026
Common Name: Prairie Horizon Alder
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** F5

Observation Date of Plant: 10/8/2017

Plant Habit: Upright oval

Plant Height: 15-20 ft.

Plant Width: 12-18 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, wet areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Minor suckering

Recommended: Yes

Comments on plant: Planted in 2011. Vigor is very good.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Alnus incana **Variety:** -0-
Cultivar: -0- **Family:** Betulaceae **Tsnum:** 82185
Common Name: White Alder
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** D5

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval

Plant Height: 12-17 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, wet areas

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease: Leaf spot

Disease Severity: Moderate injury

Cultural Problems: Probably requires more irrigation.

Nuisances:

Recommended: Marginal

Comments on plant: Looks better than most years as it still has foliage.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Amelanchier alnifolia **Variety:**
Cultivar: Regent **Family:** Rosaceae **Tsnum:** 16106
Common Name: Regent Serviceberry
Source: Garden and Home Show **Quantity observed:** 2 **Location:** C1

Observation Date of Plant: 9/5/2017

Plant Habit: Upright oval

Plant Height: 3-4 ft

Plant Width: 2-3 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Shrub border, wildlife, specimen

Overall Plant Health: Fair

Fruit Present: none

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in Fall 2016. Canopy is very thin from unknown cause. May need more time to establish.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Amelanchier alnifolia **Variety:**
Cultivar: Smokey **Family:** Rosaceae **Tsnum:** 04041
Common Name: Smokey Serviceberry
Source: Schichtel's Nursery **Quantity observed:** 1 **Location:** B1

Observation Date of Plant: 9/4/2017

Plant Habit: Upright oval to round

Plant Height: 10-15 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Dark purple

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2005.

Observation Date of Flowers: 4/26/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 90-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Yellow

Date of observation: 10/6/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Amelanchier canadensis **Variety:**
Cultivar: Globe **Family:** Rosaceae **Tsnum:** 04042
Common Name: Globe Serviceberry
Source: Schichtel's Nursery **Quantity observed:** 2 **Location:** A1, SC11-14

Observation Date of Plant: 10/3/2018

Plant Habit: Upright oval to round

Plant Height: 8-12 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 4-10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor to good

Landscape Uses: Specimen, wildlife, confined areas

Overall Plant Health: Poor to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Severe on one of two trees.

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2004. Slight suckering but looks good overall. One of two is 50% dead from canker on trunk and branches.

Observation Date of Flowers: 4/21/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 90-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Red/bronze

Date of observation: 10/28/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Amelanchier laevis **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 88100
Common Name: Allegheny Serviceberry
Source: Carlton Plants **Quantity observed:** 1 **Location:** C1

Observation Date of Plant: 9/5/2017
Plant Habit: Round becoming broad oval
Plant Height: 18-25 ft.
Plant Width: 30-37 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Wildlife, specimen, small/confined areas

Overall Plant Health: Fair
Fruit Present: None
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances: Moderate suckering
Recommended: Yes
Comments on plant: Seems to be moderately chlorotic from unknown cause.

Observation Date of Flowers: 4/11/2006
Flower Color: White
Flower Type: Cluster
Flower Effect: Excellent
% of Flower Coverage: 85-95%
Bloom Stage: Flowers open
Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 10/21/2008
Aesthetics: Good **Persistence:** 1-2 weeks
Fall Color: Golden yellow with dark red

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Amelanchier laevis **Variety:**
Cultivar: JFS-ARB **Family:** Rosaceae **Tsnum:** 04030
Common Name: Spring Flurry Serviceberry
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC11-13

Observation Date of Plant: 10/3/2018

Plant Habit: Round

Plant Height: 6-8 ft.

Plant Width: 6-9 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen, small tree

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Vandals destroyed about half of canopy in 2005. Looks fairly good.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Amelanchier laevis **Variety:**
Cultivar: Jfs-arb **Family:** Rosaceae **Tsnum:** 06032
Common Name: Spring Flurry Service Berry
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** B1

Observation Date of Plant: 9/4/2017

Plant Habit: Upright oval to irregular

Plant Height: 15-20 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen, small tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2008.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Orange/red

Date of observation: 10/12/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Amelanchier laevis **Variety:**
Cultivar: Rogers **Family:** Rosaceae **Tsnum:** 01023
Common Name: Lustre Serviceberry
Source: Carlton Plants **Quantity observed:** 2 **Location:** SC8-1, 3

Observation Date of Plant: 10/3/2018

Plant Habit: Round

Plant Height: 8-13 ft.

Plant Width: 7-9 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Wildlife, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Would be in better health if not severely vandalized in 2005. One of two looks fair and starting to lean a lot.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/16/2003

Aesthetics: Fair

Persistence: 1-2 weeks

Fall Color: burnt orange, burnt red

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Amelanchier laevis **Variety:**
Cultivar: Snow **Family:** Rosaceae **Tsnum:** 01024
Common Name: Snowcloud Serviceberry
Source: Carlton Plants **Quantity observed:** 1 **Location:** SC8-4

Observation Date of Plant: 10/3/2018

Plant Habit: Upright oval

Plant Height: 10-14 ft.

Plant Width: 6-9 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Wildlife, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Did not get staked properly and has a significant lean to one side.

Nuisances:

Recommended: Yes

Comments on plant: 75% of canopy vandalized in 2005 but has recovered now.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Amelanchier laevis **Variety:**
Cultivar: Snowcloud **Family:** Rosaceae **Tsnum:** 99004
Common Name: Snowcloud Serviceberry
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC8-7

Observation Date of Plant: 10/4/2018

Plant Habit: Upright oval

Plant Height: 10-12 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 5-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Wildlife, specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Leaning despite being staked.

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2003.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Amelanchier stolonifera **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 81222
Common Name: Running Serviceberry
Source: Smith Nursery Co. **Quantity observed:** 2 **Location:** C1, B0

Observation Date of Plant: 9/5/2017

Plant Habit: Upright oval to round

Plant Height: 9-12 ft.

Plant Width: 12-16 ft

Current Seasons Growth: 5 - 10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Fair

Fruit Present: Few

Fruit Color: Dark purple

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: One of two plants getting crowded out by neighboring plants.

Nuisances:

Recommended: Yes

Comments on plant: Spreading slowly by many small suckers close to original plant - not invasive.
Nice growth habit. Seems to be moderately chlorotic from unknown cause.

Observation Date of Flowers: 4/23/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: burnt orange w/ red

Date of observation: 10/9/2003

Persistence: < 1 week

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Amelanchier x
Cultivar: Glennform **Family:** Rosaceae **Variety:**
Common Name: Rainbow Pillar Serviceberry **Tsnum:** 09051
Source: Carlton Plants **Quantity observed:** 2 **Location:** A1,B1

Observation Date of Plant: 8/28/2017

Plant Habit: Upright oval

Plant Height: 1-2 ft.

Plant Width: 1 ft.

Current Seasons Growth: 3-4 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, shrub border, wildlife

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Planted in 2013. Has very low vigor, chlorotic and in decline from unknown cause but one may be in too much shade from nearby plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Amelanchier x **Variety:** -0-
Cultivar: Regent **Family:** Rosaceae **Tsnum:** 83174
Common Name: Regent Serviceberry
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** C1, C0

Observation Date of Plant: 9/4/2017
Plant Habit: Upright oval to round, multistem
Plant Height: 8-14 ft.
Plant Width: 10-15 ft.
Current Seasons Growth: 6-10 in.

Foliage Color: Medium green
Bark Characteristics: Not very important
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Fair
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Both seem unusually chlorotic from unknown cause.

Observation Date of Flowers: 4/23/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: yellow, rose, red

Date of observation: 10/14/2013

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Amorpha canescens **Variety:** -0-
Cultivar: -0- **Family:** Leguminosae **Tsnum:** 85063
Common Name: Lead Plant
Source: Denver Botanic Gardens **Quantity observed:** 2 **Location:** F7, E7

Observation Date of Plant: 10/2/2018

Plant Habit: Upright, irregular

Plant Height: 3 - 4 ft.

Plant Width: 4-7 ft.

Current Seasons Growth: 2 - 4 ft.

Foliage Color: Gray/green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good to fair

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: 5/23/06: 60-80% dead during winter of -16F. In 2010 it survived a similar winter without significant dieback. One plant has low vigor.

Observation Date of Flowers: 7/15/2003

Flower Color: Purple

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Amorpha fruticosa **Variety:**
Cultivar: **Family:** Fabaceae **Tsnum:** 97248
Common Name: Indigobush Amorpha
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** G1

Observation Date of Plant: 10/8/2017

Plant Habit: Irregular

Plant Height: 2 ft.

Plant Width: 3-4 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Fair to poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2009. Would probably due to look better in full sun.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Amorpha fruticosa **Variety:** -0-
Cultivar: -0- **Family:** Leguminosae **Tsnum:** 78142
Common Name: Bastard Indigo
Source: USDA/NC-7 **Quantity observed:** 1 **Location:** F6

Observation Date of Plant: 10/1/2018

Plant Habit: Broad oval

Plant Height: 7-9 ft.

Plant Width: 8-10 ft

Current Seasons Growth: 3-4 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Growth habit is very open and floppy.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Arctostaphylos x coloradoensis **Variety:**
Cultivar: **Family:** Ericaceae **Tsnum:** 14102
Common Name: Mock-bearberry Manzanita
Source: Garden and Home Show **Quantity observed:** 1 **Location:** G0

Observation Date of Plant: 10/8/2017

Plant Habit: Spreading

Plant Height: 1 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Shrub border, native planting

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Arctostaphylos x coloradoensis **Variety:**
Cultivar: Chieftain **Family:** Ericaceae **Tsnum:** 14103
Common Name: Chieftain Manzanita
Source: Garden and Home Show **Quantity observed:** 1 **Location:** G0

Observation Date of Plant: 10/8/2017

Plant Habit: Young, undefined

Plant Height: 2 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 2-4 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Shrub border, native planting

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Would probably look better with less crowding from nearby plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Arctostaphylos x coloradoensis **Variety:**
Cultivar: Panchito **Family:** Ericaceae **Tsnum:** 14104
Common Name: Panchito Manzanita
Source: Garden and Home Show **Quantity observed:** 1 **Location:** G0

Observation Date of Plant: 10/8/2017

Plant Habit: Spreading

Plant Height: 6-8 in.

Plant Width: 2-3 ft.

Current Seasons Growth: 1-3 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Shrub border, native planting

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Would probably look better with less crowding from nearby plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Aronia arbutifolia **Variety:**
Cultivar: PI 658641 **Family:** Rosaceae **Tsnum:** 11004
Common Name: Red Chokeberry
Source: USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** B1

Observation Date of Plant: 9/4/2017

Plant Habit: Upright oval

Plant Height: 3-4 ft.

Plant Width: 1-2 ft.

Current Seasons Growth: 1-5 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, shrub border, wildlife

Overall Plant Health: Poor to fair

Fruit Present: Few

Fruit Color: Green

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Planted in 2013. Most look leggy and lacks vigor after 4 years in ground.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Aronia melanocarpa **Variety:**
Cultivar: McKenzie **Family:** Rosaceae **Tsnum:** 15101
Common Name: McKenzie Black Chokeberry
Source: Forrest Keeling Nursery **Quantity observed:** 1 **Location:** B1

Observation Date of Plant: 10/2/2017

Plant Habit: Young, undefined

Plant Height: 4-5 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border, wildlife

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in Fall 2016. Look a little leggy.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Aronia melanocarpa **Variety:**
Cultivar: Viking **Family:** Rosaceae **Tsnum:** 97012
Common Name: Viking Chokeberry
Source: Sjulín Nurseries **Quantity observed:** 1 **Location:** A1

Observation Date of Plant: 8/29/2017

Plant Habit: broad oval to round

Plant Height: 6-8 ft.

Plant Width: 8-11 ft.

Current Seasons Growth: 4-6 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Black

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Fruit is 1/4" and very plump. Plant has mild chlorosis possibly due to inadequate irrigation at edge of arboretum.

Observation Date of Flowers: 5/8/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 40-50%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Artemisia versicolor **Variety:**
Cultivar: Sea Foam **Family:** Compositae **Tsnum:** 03164
Common Name: Sea Foam Artemisia
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** G1

Observation Date of Plant: 10/9/2017
Plant Habit: Creeping (ground cover)
Plant Height: 0.5 - 1.5 ft.
Plant Width: 3 - 4 ft.
Current Seasons Growth: 6 - 12 in.

Foliage Color: Gray
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Fair to poor
Landscape Uses: Ground cover, specimen, xeriscape, shrub border

Overall Plant Health: Fair to poor
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in 2017 due to unavoidable construction but usually looks better.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis **Variety:**
Cultivar: Golden Ruby **Family:** Berberidaceae **Tsnum:** 13037
Common Name: Golden Ruby Barberry
Source: Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** C8

Observation Date of Plant: 9/27/2018

Plant Habit: Young undefined

Plant Height: 6-10 in.

Plant Width: 6-10 in.

Current Seasons Growth: 1-2 in.

Foliage Color: Red with golden edge maturing to bright green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Just planted in 2015. Tiny, still trying to get established.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis koreana **Variety:** -0-
Cultivar: -0- **Family:** Berberidaceae **Tsnum:** 81251
Common Name: Korean Barberry
Source: Cross Nurseries Inc. **Quantity observed:** 2 **Location:** D9

Observation Date of Plant: 9/27/2018

Plant Habit: Arching to irregular

Plant Height: 5 - 7 ft.

Plant Width: 6-9 ft

Current Seasons Growth: 1 - 3 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Barrier (thorns), Specimen, Shrub border

Overall Plant Health: Poor

Fruit Present: Few

Fruit Color: Red, showy

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Rejuvenated in 2011. Both have 50% dieback from unknown cause.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis thunbergia **Variety:**
Cultivar: Cherry Bomb **Family:** Berberidaceae **Tsnum:** 04009
Common Name: Cherry Bomb Barberry
Source: Monrovia Growers **Quantity observed:** 2 **Location:** D9

Observation Date of Plant: 9/27/2018

Plant Habit: Round

Plant Height: 2-4 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 6-9 in.

Foliage Color: Red outer foliage turning to green on the inner foliage

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Dark red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis thunbergii **Variety:** -0-
Cultivar: -0- **Family:** Globosa Nana Barberry **Tsnum:** 91144
Common Name: 'Globosa Nana'
Source: Oregon Garden Products **Quantity observed:** 2 **Location:** C8

Observation Date of Plant: 9/27/2018

Plant Habit: Round to broad oval

Plant Height: 4-5 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Excellent

Landscape Uses: Barrier (thorns), Specimen, Shrub border

Overall Plant Health: Good

Fruit Present: Moderate quantity but still showy.

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage is relatively smaller and more delicate looking. Growth habit is more compact and very attractive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: yellow, orange, red

Date of observation: 11/8/2016

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis thunbergii **Variety:**
Cultivar: Bailone **Family:** Berberidaceae **Tsnum:** 95033
Common Name: Ruby Carousel Barberry
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** D9

Observation Date of Plant: 9/27/2018

Plant Habit: Arching, upright oval

Plant Height: 3 - 6 ft.

Plant Width: 6-9 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Red fading to green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Barrier (thorns), Specimen, Shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Canopy has 10-15% dead twigs probably due to old age.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/21/2003

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: bright pinkish red, peach/orange

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis thunbergii **Variety:**
Cultivar: Baitwo **Family:** Berberidaceae **Tsnum:** 95032
Common Name: Burgundy Carousel Barberry
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** D9

Observation Date of Plant: 9/27/2018

Plant Habit: Upright, irregular

Plant Height: 3 - 5 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Red

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few, showy

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Canopy is a little thin. May need a fairly moist site.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis thunbergii **Variety:** atropurpurea
Cultivar: Crimson Pygmy **Family:** Berberidaceae **Tsnum:** 81102
Common Name: Crimson Pygmy Japanese Barberry
Source: Monrovia Growers **Quantity observed:** 2 **Location:** C8, C9

Observation Date of Plant: 9/27/2018

Plant Habit: Broad oval

Plant Height: 2-3 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 4-6 in.

Foliage Color: Red tips (on new growth) but mostly medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Dark red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Nice compact growth habit but not much fruit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 11/8/2016

Aesthetics: Excellent **Persistence:** 1-2 weeks

Fall Color: red and some yellow, bright

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis thunbergii **Variety:** -0-
Cultivar: Erecta **Family:** Berberidaceae **Tsnum:** 86150
Common Name: Erect Japanese Barberry
Source: Jewell Nursery, Inc. **Quantity observed:** 3 **Location:** C8

Observation Date of Plant: 9/27/2018
Plant Habit: Arching, broad oval to round
Plant Height: 4-6 ft.
Plant Width: 5-8 ft.
Current Seasons Growth: 12-24 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: Barrier (thorns), Specimen, Shrub border

Overall Plant Health: Good
Fruit Present: Few, showy
Fruit Color: Green turning to red
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Periodically needs old twigs removed.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 11/8/2016
Aesthetics: good **Persistence:** 1-2 weeks
Fall Color: orange/red

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis thunbergii **Variety:** atropurpurea
Cultivar: Gold Ring **Family:** Berberidaceae **Tsnum:** 85095
Common Name: Gold Ring Japanese Barberry
Source: Bailey Nurseries **Quantity observed:** 3 **Location:** C9

Observation Date of Plant: 9/27/2018

Plant Habit: Broad oval to irregular

Plant Height: 4-5 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Dark red

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Barrier (thorns), Specimen, Shrub border

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of three lacks vigor. Gold ring around leaf edge is not too obvious unless up close.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis thunbergii **Variety:**
Cultivar: Goruzam **Family:** Berberidaceae **Tsnum:** 18052
Common Name: Golden Ruby® Barberry
Source: Monrovia Growers **Quantity observed:** 2 **Location:** C8

Observation Date of Plant: 9/27/2018

Plant Habit: Round

Plant Height: 12 in.

Plant Width: 12 in.

Current Seasons Growth: 1-3 in.

Foliage Color: Dark red with bright green edge matures to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis thunbergii **Variety:** -0-
Cultivar: Kobold **Family:** Berberidaceae **Tsnum:** 81100
Common Name: Kobold Japanese Barberry
Source: Monrovia Growers **Quantity observed:** 1 **Location:** C8

Observation Date of Plant: 9/27/2018

Plant Habit: Broad oval

Plant Height: 2 - 3 ft.

Plant Width: 4-5 ft.

Current Seasons Growth: 4 - 8 in.

Foliage Color: Medium green inner foliage with red on outer foliage.

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Barrier (thorns), Specimen, Shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Fairly bright rosy red at tips. Might be wider if not for being crowded by neighboring plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Red, yellow

Date of observation: 11/8/2016

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis thunbergii **Variety:**
Cultivar: Maria **Family:** Berberidaceae **Tsnum:** 15074
Common Name: Sunjoy Gold Pillar Barberry
Source: Monrovia Growers **Quantity observed:** 1 **Location:** C8

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 1 ft.

Plant Width: .5 ft.

Current Seasons Growth: 3-4 in.

Foliage Color: Yellow

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, barrier

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2015. One of two failed to establish.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Rosey red

Date of observation: 11/8/2016

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis thunbergii **Variety:** -0-
Cultivar: Marshall **Family:** Berberidaceae **Tsnum:** 82099
Common Name: Marshall Japanese Barberry
Source: Cross Nurseries Inc. **Quantity observed:** 2 **Location:** C9

Observation Date of Plant: 9/27/2018

Plant Habit: Round, arching

Plant Height: 5- 6 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Red with more green on the inner foliage.

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Barrier (thorns), Specimen, Shrub border

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Dark red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: A solid performer over the years.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: dark purple

Date of observation: 9/20/2004

Persistence: 2-4 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis thunbergii **Variety:**
Cultivar: Monlers **Family:** Berberidaceae **Tsnum:** 15083
Common Name: Gold Nugget Dwarf Japanese Barberry
Source: Monrovia Growers **Quantity observed:** 3 **Location:** C8

Observation Date of Plant: 9/27/2018

Plant Habit: Round

Plant Height: 1-1.5 ft.

Plant Width: 1-1.5 ft.

Current Seasons Growth: 2 in.

Foliage Color: Yellow maturing to bright green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015. Very uniform growth habit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Red

Date of observation: 11/8/2016

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis thunbergii **Variety:**
Cultivar: Monry **Family:** Berberidaceae **Tsnum:** 01044
Common Name: Sunsatation Barberry
Source: Monrovia Growers **Quantity observed:** 2 **Location:** C9

Observation Date of Plant: 9/27/2018

Plant Habit: Upright

Plant Height: 1.5 - 2.5 ft.

Plant Width: 1.5 - 2 ft.

Current Seasons Growth: 2-4 in.

Foliage Color: Lighter green inner foliage with very light yellow/green on outer foliage.

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Barrier (thorns), Specimen, Shrub border

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Orange/red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Not much vigor.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis thunbergii **Variety:**
Cultivar: Orange Rocket **Family:** Berberidaceae **Tsnum:** 15084
Common Name: Orange Rocket Barberry
Source: Monrovia Growers **Quantity observed:** 2 **Location:** C8

Observation Date of Plant: 9/27/2018

Plant Habit: Upright arching

Plant Height: 3-4 ft.

Plant Width: 2-4 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Reddish/orange

Bark Characteristics: Unimportant, spines

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, barrier plant

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Berberis thunbergii **Variety:** -0-
Cultivar: Red Chief **Family:** Berberidaceae **Tsnum:** 91145
Common Name: Red Chief Barberry
Source: Oregon Garden Products **Quantity observed:** 3 **Location:** C9

Observation Date of Plant: 9/27/2018

Plant Habit: Upright, arching

Plant Height: 5-6 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Dark red

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, barrier plant

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage has a relatively narrower shape than most Berberis with a finer appearance.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/9/2003

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: bright red w/ red-purple

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis thunbergii **Variety:** atropurpurea
Cultivar: Rose Glow **Family:** Berberidaceae **Tsnum:** 81101
Common Name: Rose Glow Japanese Barberry
Source: Monrovia Growers **Quantity observed:** 2 **Location:** C8, C9

Observation Date of Plant: 9/27/2018

Plant Habit: Round

Plant Height: 4-6 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Variegated slightly with lighter red markings, predominantly red

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Barrier (thorns), Specimen, Shrub border

Overall Plant Health: Fair

Fruit Present: Moderate amount

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage is red with some variegation which is nice when viewed up close. One of two plants has a lot of dead twigs (20% of canopy).

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: fair

Fall Color: Red

Date of observation: 11/8/2016

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis thunbergii **Variety:** -0-
Cultivar: True Hedge **Family:** Berberidaceae **Tsnum:** 92261
Common Name: True Hedge Japanese Barberry
Source: Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** C8

Observation Date of Plant: 9/27/2018

Plant Habit: Upright, arching

Plant Height: 4-5 ft.

Plant Width: 5-6 ft.

Current Seasons Growth: 4-7 in.

Foliage Color: Dark red

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to poor

Fruit Present: Few

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Vigor is low and about 50% of canopy did not leaf out this year.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Berberis x **Variety:**
Cultivar: Concorde **Family:** Berberidaceae **Tsnum:** 02048
Common Name: Concorde Barberrry
Source: Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** D9

Observation Date of Plant: 9/27/2018

Plant Habit: Round

Plant Height: 1-22 ft.

Plant Width: 1 ft.

Current Seasons Growth: 1 in.

Foliage Color: Predominantly red fading to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Planted in arboretum in 2003. Still fairly small and very low vigor this year.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berberis x **Variety:** -0-
Cultivar: Emerald Carrousel **Family:** Berberidacea **Tsnum:** 90049
Common Name: Emerald Carrousel Barberry
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** C9

Observation Date of Plant: 9/27/2018

Plant Habit: Round to broad oval

Plant Height: 5 - 7 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Excellent

Landscape Uses: Barrier (thorns), Specimen, Shrub border

Overall Plant Health: Excellent

Fruit Present: Abundant, very showy

Fruit Color: Green turning to red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Showy flowers in spring and very showy fruit in fall and winter. One of the best looking plants in the arboretum.

Observation Date of Flowers: 4/24/2012

Flower Color: Yellow

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 95-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/10/2004

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: bright red, orangish pink

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Berbis thunbergii **Variety:**
Cultivar: Helmond Pillar **Family:** Berberidaceae **Tsnum:** 06070
Common Name: Helmond Pillar Barberry
Source: Carlton Plants **Quantity observed:** 2 **Location:** C8

Observation Date of Plant: 9/27/2018

Plant Habit: Columnar

Plant Height: 3-4 ft.

Plant Width: 12 in.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark red and dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border, hedge, barrier

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2011. Vigor possibly would improve in irrigated landscape. Only one looks acceptable. Second plant has 40% dieback.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Betula papyrifera **Variety:**
Cultivar: Renci **Family:** Betulaceae **Tsnum:** 16014
Common Name: Renaissance Reflection Birch
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** HG

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 10-14 ft.

Plant Width: 5-6 ft.

Current Seasons Growth: 12-18 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Shade tree, wet areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Betula papyrifera **Variety:**
Cultivar: Varen **Family:** Betulaceae **Tsnum:** 15052
Common Name: Prairie Dream Birch
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** HG

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 10-15 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 8-12 in

Foliage Color: Medium to dark green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, wet areas , shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 10/8/2018

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Betula utilis **Variety:**
Cultivar: Madison **Family:** Betulaceae **Tsnum:** 07051
Common Name: White Satin Birch
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** F4

Observation Date of Plant: 9/30/2017

Plant Habit: Upright oval

Plant Height: 22-28 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: yes

Comments on plant: Planted in arboretum in 2009.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Betula x **Variety:** -0-
Cultivar: Rockimon **Family:** Betulaceae **Tsnum:** 90024
Common Name: Rocky Mountain Splendor Birch
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** E5

Observation Date of Plant: 9/4/2017

Plant Habit: Upright oval

Plant Height: 30-40 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: pale golden yellow

Date of observation: 10/20/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Buddleia alternifolia **Variety:**
Cultivar: **Family:** Loganiaceae **Tsnum:** 97243
Common Name: Fountain Butterfly Bush
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** G0

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval

Plant Height: 5-6 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 1 - 2 ft.

Foliage Color: Gray/green

Bark Characteristics: Not very important

Plant Summer Texture: Fine

Aesthetic Plant Quality: Excellent

Landscape Uses: Specimen, xeriscape, shrub border, butterflies

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Doesn't look too good after flowering but eventually recovers good aesthetics.

Observation Date of Flowers: 6/1/2006

Flower Color: Lavender

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 75-85%

Bloom Stage: Flowers open

Comments on Flowers: Not fragrant.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Buxus **Variety:**
Cultivar: Arctic Emerald **Family:** Buxaceae **Tsnum:** 14076
Common Name: Arctic Emerald Boxwood
Source: The Conard Pyle Co. **Quantity observed:** 6 **Location:** CFA

Observation Date of Plant: 10/3/2018

Plant Habit: Young, undefined

Plant Height: 12-18 in.

Plant Width: 1 ft.

Current Seasons Growth: 2-3 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Buxus **Variety:**
Cultivar: Green Mountain **Family:** Buxaceae **Tsnum:** 98086
Common Name: Green Mountain Boxwood
Source: Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** CFA

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 4-6 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 5-8 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Hedge, Shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Turned reddish/brown/bronze in winter mostly on sunny southwest side. Moved in fall 2016 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/21/2003

Aesthetics: Fair

Persistence: 1-2 weeks

Fall Color: burnt orange, deep rust

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Buxus **Variety:**
Cultivar: Highlander **Family:** Buxaceae **Tsnum:** 13074
Common Name: Highlander Boxwood
Source: The Conard Pyle Co. **Quantity observed:** 1 **Location:** CFA

Observation Date of Plant: 9/29/2018

Plant Habit: Young undefined

Plant Height: 1 ft.

Plant Width: 8 in.

Current Seasons Growth: 3-6 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017. Too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Buxus **Variety:**
Cultivar: Little Missy **Family:** Buxaceae **Tsnum:** 13075
Common Name: Little Missy Boxwood
Source: The Conard Pyle Co. **Quantity observed:** 2 **Location:** CFA

Observation Date of Plant: 9/29/2018
Plant Habit: Young undefined
Plant Height: 1 ft.
Plant Width: 1 ft.
Current Seasons Growth: 1-2 in.

Foliage Color: Dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Good
Aesthetic Plant Quality: Good
Landscape Uses: Shrub border

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Buxus microphylla **Variety:**
Cultivar: Julia Jane **Family:** Buxaceae **Tsnum:** 97258
Common Name: Julia Jane Boxwood
Source: Fort Collins Nursery **Quantity observed:** 2 **Location:** G2

Observation Date of Plant: 10/8/2017

Plant Habit: Upright oval to round

Plant Height: 3-4.5 ft.

Plant Width: 4-5 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Excellent

Landscape Uses: Hedge, specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage is still a good dark green color even in January.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Buxus microphylla **Variety:** -0-
Cultivar: Wintergreen **Family:** Buxaceae **Tsnum:** 90043
Common Name: Wintergreen Boxwood
Source: Bailey Nurseries **Quantity observed:** 3 **Location:** CFA

Observation Date of Plant: 10/1/2018

Plant Habit: Broad oval

Plant Height: 1-2 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 3-5 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Plants in more sun have better growth habit. Moved in fall 2016 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Buxus sempervirens **Variety:**
Cultivar: Monrue **Family:** Buxaceae **Tsnum:** 17093
Common Name: Green Tower® Boxwood
Source: Monrovia Growers **Quantity observed:** 3 **Location:** CFA

Observation Date of Plant: 9/27/2018

Plant Habit: Columnar

Plant Height: 4 ft.

Plant Width: 1 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Shrub border, hedge

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Buxus x
Cultivar: Arctic Emerald **Family:** Buxaceae **Variety:**
Common Name: Arctic Emerald Boxwood **Tsnum:** 07004
Source: The Conard Pyle Co. **Quantity observed:** 1 **Location:** CFA

Observation Date of Plant: 9/28/2018

Plant Habit: Upright oval

Plant Height: 1-2 ft.

Plant Width: 1 ft.

Current Seasons Growth: 2-3 in

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Buxus x
Cultivar: Big Leaf
Common Name: Bigleaf Boxwood
Source: The Conard Pyle Co.

Family: Buxaceae
Quantity observed: 1

Variety:
Tsnum: 07005
Location: CFA

Observation Date of Plant: 9/28/2018
Plant Habit: Upright oval
Plant Height: 1-2 ft.
Plant Width: 10 in.
Current Seasons Growth: 1-3 in.

Foliage Color: Dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Buxus x
Cultivar: Conrowe
Common Name: Gordo Boxwood
Source: The Conard Pyle Co.

Family: Buxaceae
Quantity observed: 6

Variety:
Tsnum: 14077
Location: CFA

Observation Date of Plant: 10/3/2018
Plant Habit: Young, undefined
Plant Height: 12-18 in.
Plant Width: 1 ft.
Current Seasons Growth: 2-3 in.

Foliage Color: Dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: Shrub border

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Buxus x **Variety:** -0-
Cultivar: Green Velvet **Family:** Buxaceae **Tsnum:** 92125
Common Name: Green Velvet Boxwood
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** CFA

Observation Date of Plant: 9/27/2018

Plant Habit: Broad oval, irregular

Plant Height: 3-4 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 2-4 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Hedge, Shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is a little more open than most. Moved in fall 2016 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Buxus x
Cultivar: Krazgreen
Common Name: Green Ice Boxwood
Source: The Conard Pyle Co.

Family: Buxaceae
Quantity observed: 1

Variety:
Tsnum: 07003
Location: CFA

Observation Date of Plant: 9/27/2018

Plant Habit: Columnar

Plant Height: 3 ft.

Plant Width: 1 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Caragana frutex **Variety:** -0-
Cultivar: -0- **Family:** Leguminosae **Tsnum:** 89145
Common Name: Russian Peashrub
Source: Jewell Nursery, Inc. **Quantity observed:** 3 **Location:** E8

Observation Date of Plant: 10/4/2018

Plant Habit: Upright oval to round

Plant Height: 5-9 ft.

Plant Width: 6-9 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, xeriscape, shrub border, barrier

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of three was rejuvenated and has come back like a thicket - better vigor but not too attractive.

Observation Date of Flowers: 5/15/2006

Flower Color: Yellow

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 51-60%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Caragana frutex **Variety:** -0-
Cultivar: -0- **Family:** Fabaceae **Tsnum:** 93118
Common Name: Russian Peashrub
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** E8

Observation Date of Plant: 10/2/2018

Plant Habit: Upright oval

Plant Height: 3-5 ft

Plant Width: 3-4 ft.

Current Seasons Growth: 2-6 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Lacks vigor otherwise would probably look better.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Caragana rosea **Variety:**
Cultivar: **Family:** Fabaceae **Tsnum:** 00054
Common Name: Red Pea Shrub
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** E7,E8

Observation Date of Plant: 10/1/2018

Plant Habit: Broad oval

Plant Height: 3-4 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Never has been very attractive even with flowers. One plant has poor vigor from unknown cause.

Observation Date of Flowers: 4/26/2006

Flower Color: Yellow with blush of maroon

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 40-50%

Bloom Stage: Flowers open

Comments on Flowers: Maroon in color on outside of throat. Not enough flowers or color to be as showy as the typical Caragana.

Fall Color or Fruit: Fall color

Date of observation: 10/10/2004

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: Yellow

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Carpinus **Variety:**
Cultivar: Frans Fontaine **Family:** Betulaceae **Tsnum:** 13021
Common Name: Frans Fontaine European Hornbeam
Source: Carlton Plants **Quantity observed:** 2 **Location:** F4, F5

Observation Date of Plant: 9/15/2017

Plant Habit: Columnar

Plant Height: 8-12 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, narrow confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2014.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Yellow

Date of observation: 10/26/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Carpinus betulus **Variety:**
Cultivar: **Family:** Betulaceae **Tsnum:** 04036
Common Name: European Hornbeam
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** F5

Observation Date of Plant: 10/2/2017

Plant Habit: Upright oval, multistem

Plant Height: 10-15 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit deformed by earlier canker and subsequent pruning but looking fairly normal by 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Carpinus betulus **Variety:**
Cultivar: JFS-KW1CB **Family:** Betulaceae **Tsnum:** 16021
Common Name: Emerald Avenue Hornbeam
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** F4, HG

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 10-15 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Carpinus betulus **Variety:**
Cultivar: Pendula **Family:** Betulaceae **Tsnum:** 03003
Common Name: Weeping European Hornbeam
Source: Carlton Plants **Quantity observed:** 2 **Location:** D5

Observation Date of Plant: 9/23/2017

Plant Habit: Round, slightly weeping

Plant Height: 8-12 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Dark green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Canopy died back 50% during first winter when temperature reached -16F. No significant dieback since then. Doesn't seem to be weeping much - especially as it gets older.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Carpinus caroliniana **Variety:**
Cultivar: CCSQU **Family:** Betulaceae **Tsnum:** 12030
Common Name: Palisade American Hornbeam
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** F4

Observation Date of Plant: 9/5/2017

Plant Habit: Columnar

Plant Height: 8-10 ft.

Plant Width: 2-4 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Yellow, orange, red

Date of observation: 10/26/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Carpinus caroliniana **Variety:**
Cultivar: Jn Select **Family:** Betulaceae **Tsnum:** 06039
Common Name: American Hornbeam
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** F5

Observation Date of Plant: 9/5/2017

Plant Habit: Upright oval

Plant Height: 6-8 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/25/2015

Aesthetics: Very good

Persistence: 1-2 weeks

Fall Color: Yellow with rosy orange blush

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Carya glabra **Variety:**
Cultivar: **Family:** Juglandaceae **Tsnum:** 08129
Common Name: Pignut Hickory
Source: Forrest Keeling Nursery **Quantity observed:** 2 **Location:** C4, C5

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval

Plant Height: 1

Plant Width: 4 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Shade tree, wildlife

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012. Slightly chlorotic.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Carya laciniosa **Variety:**
Cultivar: **Family:** Juglandaceae **Tsnum:** 09055
Common Name: Shellbark Hickory
Source: Forrest Keeling Nursery **Quantity observed:** 2 **Location:** C5, SC11-04

Observation Date of Plant: 10/3/2018
Plant Habit: Young, undefined
Plant Height: 6 ft.
Plant Width: 3 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Coarse
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shade tree

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Caryopteris incana **Variety:** -0-
Cultivar: -0- **Family:** Verbenaceae **Tsnum:** 83340
Common Name: Bluebeard
Source: Inter-State Nursery **Quantity observed:** 1 **Location:** E6, F6

Observation Date of Plant: 10/2/2018

Plant Habit: Broad oval

Plant Height: 3-4 ft.

Plant Width: 8-10 ft

Current Seasons Growth: 18-24 in.

Foliage Color: Gray/green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Green turning to tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2009. Looks great on very minimal irrigation.

Observation Date of Flowers: 8/25/2006

Flower Color: Lavender/blue

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-80%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Caryopteris x clandonensis **Variety:**
Cultivar: Blue Knoll **Family:** Verbenaceae **Tsnum:** 98050
Common Name: Blue Knoll Bluebeard
Source: Sjulín Nurseries **Quantity observed:** 1 **Location:** G6

Observation Date of Plant: 10/4/2018

Plant Habit: Broad oval

Plant Height: 3-4 ft.

Plant Width: 7-9 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green with gray underside

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Fair

Fruit Present: Moderate amount

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Vigor may improve if not crowded by nearby plants.

Observation Date of Flowers: 8/25/2006

Flower Color: Lavender/blue

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-80%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Caryopteris x clandonensis **Variety:** -0-
Cultivar: Dark Knight **Family:** Verbenaceae **Tsnum:** 88156
Common Name: Dark Knight Blue-mist Spiraea
Source: Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** F6

Observation Date of Plant: 10/2/2018

Plant Habit: Broad oval

Plant Height: 2-4 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Gray/green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2009.

Observation Date of Flowers: 8/29/2016

Flower Color: Lavender/dark blue

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 50-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Caryopteris x clandonensis **Variety:**
Cultivar: Worcester Gold **Family:** Verbenaceae **Tsnum:** 97068
Common Name: Worcester Gold Bluebeard
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** G6

Observation Date of Plant: 10/4/2018

Plant Habit: Broad oval, mounding

Plant Height: 3-5 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Yellow/green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Doing well for being on the edge of the arboretum.

Observation Date of Flowers: 8/25/2006

Flower Color: Lavender/blue

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-80%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Catalpa ovata **Variety:** -0-
Cultivar: -0- **Family:** Bignoniaceae **Tsnum:** 85024
Common Name: Chinese Catalpa
Source: US Nat'l Arboretum **Quantity observed:** 2 **Location:** E1

Observation Date of Plant: 10/8/2017

Plant Habit: Upright oval

Plant Height: 32-45 ft.

Plant Width: 20-25 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, large/shade tree

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Green turning to tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Canopy on one of two trees is a little one sided due to crowding.

Observation Date of Flowers: 6/26/2006

Flower Color: Light Yellow

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 40-50%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Catalpa speciosa **Variety:** -0-
Cultivar: -0- **Family:** Bignoniaceae **Tsnum:** 78148
Common Name: Northern Catalpa
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** E1

Observation Date of Plant: 9/15/2017

Plant Habit: Upright oval

Plant Height: 50-60 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 1 - 1.5 ft.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, large/shade tree

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Green turning to tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 6/19/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 50-60%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: yellow

Date of observation: 9/20/2004

Persistence: 2-4 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Catalpa speciosa **Variety:**
Cultivar: Hiawatha 2 **Family:** Bignoniaceae **Tsnum:** 15064
Common Name: Heartland Catalpa
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC-11-11, HG

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval or irregular

Plant Height: 8-11 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade tree

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016 and another in 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Catalpa x erubescens **Variety:**
Cultivar: Purpurea **Family:** Bignoniaceae **Tsnum:** 02022
Common Name: Purple Catalpa
Source: Carlton Plants **Quantity observed:** 1 **Location:** DH

Observation Date of Plant: 9/28/2017

Plant Habit: Upright oval

Plant Height: 10-14 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Dark purple early then changing to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade tree

Overall Plant Health: Fair to good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Vigor seems to be a little low but in a fairly dry area.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Celastrus scandens **Variety:**
Cultivar: Ames 27297 **Family:** Celastraceae **Tsnum:** 08065
Common Name: American Bittersweet
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** CFA

Observation Date of Plant: 9/5/2018

Plant Habit: Vine

Plant Height: 6-8 ft.

Plant Width: 4-5 ft.

Current Seasons Growth: 2-4 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Trellis/screen

Overall Plant Health: Fair

Fruit Present: few

Fruit Color: Orange

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Lacks vigor compared to C. 'Autumn Revolution' from Bailey Nurseries. Moved in fall of 2016 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Celastrus scandens **Variety:**
Cultivar: Bailumn **Family:** Celastraceae **Tsnum:** 12059
Common Name: Autumn Revolution American Bittersweet
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** CFA

Observation Date of Plant: 9/5/2018

Plant Habit: Vine

Plant Height: 5-6 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 2-3 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Excellent

Landscape Uses: Trellis/screen

Overall Plant Health: Good

Fruit Present: Very showy, abundant

Fruit Color: Orange

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in fall of 2016 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Celtis **Variety:**
Cultivar: JFS-KSU1 **Family:** Ulmaceae **Tsnum:** 09014
Common Name: Prairie Sentinel Hackberry
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** G6

Observation Date of Plant: 10/4/2018

Plant Habit: Upright oval

Plant Height: 10-15 ft.

Plant Width: 4-7 ft.

Current Seasons Growth: 20-30 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests: Nipple gall

Pest Severity: Slight

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Celtis **Variety:**
Cultivar: Magnifica **Family:** Ulmaceae **Tsnum:** 06033
Common Name: Magnifica Hackberry
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC12-12, G6

Observation Date of Plant: 9/28/2018

Plant Habit: Upright oval

Plant Height: 10-14 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Light green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Street tree for urban or residential areas

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests: Nipple gall

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems: Irrigation is variable at edge of arboretum and causes some stress.

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2008.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Light yellow

Date of observation: 9/23/2009

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Celtis occidentalis **Variety:**
Cultivar: **Family:** Ulmaceae **Tsnum:** 97060
Common Name: Hackberry
Source: Forrest Keeling Nursery **Quantity observed:** 2 **Location:** G4, SC12-15

Observation Date of Plant: 10/3/2018

Plant Habit: Upright oval

Plant Height: 12-18 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 1 ft.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Residential street, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Slight injury

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2004. One of two trees has less vigor and is only 14 ft. tall.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Celtis occidentalis **Variety:** -0-
Cultivar: -0- **Family:** Ulmaceae **Tsnum:** 78029
Common Name: Common Hackberry
Source: Colorado Nurseryman **Quantity observed:** 1 **Location:** F6

Observation Date of Plant: 10/1/2018

Plant Habit: Upright oval

Plant Height: 30-40 ft.

Plant Width: 18-25 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Street tree for urban or residential areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests: Galls on foliage

Pest Severity: Moderate aesthetic problem.

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: fair to poor yellow

Date of observation: 10/4/2004

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Celtis occidentalis **Variety:**
Cultivar: Chicagoland **Family:** Ulmaceae **Tsnum:** 12022
Common Name: Chicagoland Common Hackberry
Source: Carlton Plants **Quantity observed:** 2 **Location:** SC11-07, 11-09

Observation Date of Plant: 10/3/2018
Plant Habit: Upright oval
Plant Height: 7-10 ft.
Plant Width: 3-5 ft.
Current Seasons Growth: 6-10 in.

Foliage Color: Light to medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, street tree

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests: Galls

Pest Severity: Minor injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2014.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Celtis occidentalis **Variety:**
Cultivar: JFS-KSU1 **Family:** Cannabaceae **Tsnum:** 14019
Common Name: Prairie Sentinel Hackberry
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** G...

Observation Date of Plant: 9/28/2018

Plant Habit: Vase

Plant Height: 6-8 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, confined areas, street tree

Overall Plant Health: Good

Fruit Present: none

Fruit Color:

Insect Pests: Gall

Pest Severity: Minor

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend. Some branches flop to the side.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Celtis occidentalis **Variety:** -0-
Cultivar: Prairie Pride **Family:** Ulmaceae **Tsnum:** 85137
Common Name: Prairie Pride Hackberry
Source: Discover-Tree Research **Quantity observed:** 1 **Location:** F6

Observation Date of Plant: 10/2/2018

Plant Habit: Round

Plant Height: 30-40 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium to light green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Tan

Insect Pests: Nipple galls

Pest Severity: Aesthetics affected

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 9/20/2004

Persistence: 2-4 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Celtis occidentalis **Variety:**
Cultivar: Ultra **Family:** Ulmaceae **Tsnum:** 11026
Common Name: Ultra Hackberry
Source: Carlton Plants **Quantity observed:** 1 **Location:** SC11-03

Observation Date of Plant: 10/3/2018
Plant Habit: Upright oval
Plant Height: 10-14 ft.
Plant Width: 6-8 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Light green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, residential street

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2014. No nipple galls which is a big advantage. Vigor is much better than last evaluation.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Celtis reticulata **Variety:**
Cultivar: Ames 8439 **Family:** Betulaceae **Tsnum:** 07088
Common Name: Ames 8439 Hackberry
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** G...

Observation Date of Plant: 9/28/2018

Plant Habit: Young, undefined

Plant Height: 6-8 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 6-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen; shade tree

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Cephalanthus occidentalis **Variety:**
Cultivar: **Family:** Rubiaceae **Tsnum:** 10115
Common Name: Common Buttonbush
Source: Plant Select DBG **Quantity observed:** 2 **Location:** E7, F7, F6

Observation Date of Plant: 10/2/2018
Plant Habit: Upright oval becoming round
Plant Height: 6-8 ft.
Plant Width: 6-8 ft
Current Seasons Growth: 12-24 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013. Foliage is attractive. Some had about 50% dieback during first winter but has done better given more time to establish.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cercidiphyllum japonicum **Variety:**
Cultivar: **Family:** Cercidiphyllaceae **Tsnum:** 98075
Common Name: Katsuratree
Source: Schichtel's Nursery **Quantity observed:** 1 **Location:** E0

Observation Date of Plant: 10/9/2017

Plant Habit: Upright oval

Plant Height: 18-25 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 20-30 in.

Foliage Color: Blue/green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Excellent

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2003. Foliage scent at leaf drop makes a very unique tree for the fall.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair to good

Fall Color: Yellow

Date of observation: 10/26/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cercidiphyllum japonicum **Variety:** -0-
Cultivar: -0- **Family:** Cercidiphyllaceae **Tsnum:** 81304
Common Name: Katsura Tree
Source: Denver Botanic Gardens **Quantity observed:** 1 **Location:** E1

Observation Date of Plant: 10/9/2017
Plant Habit: Narrow pyramidal or upright oval
Plant Height: 30-40 ft.
Plant Width: 20-30 ft
Current Seasons Growth: 8- 12 in.

Foliage Color: Blue/green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Leaves smell like toasted marshmallows or brown sugar right before they drop in the fall - very unique and pleasing.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 10/9/2003
Aesthetics: Good **Persistence:** 1-2 weeks
Fall Color: golden yellow with red petioles

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cercidiphyllum japonicum **Variety:**
Cultivar: Morioka Weeping **Family:** Cercidiphyllaceae **Tsnum:** 07040
Common Name: Morioka Weeping Katsura Tree
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** D1

Observation Date of Plant: 9/13/2017

Plant Habit: Weeping

Plant Height: 7-8 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Blue/green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Moderate injury

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2010. Has some dieback (25-40% of top) in the past from unknown cause but suspect canker. Remaining part looks good.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cercis canadensis **Variety:**
Cultivar: Ames 27321 **Family:** Leguminosae **Tsnum:** 07089
Common Name: Ames 27321 Redbud
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** D5

Observation Date of Plant: 9/29/2018
Plant Habit: Round becoming broad oval
Plant Height: 8-10 ft.
Plant Width: 10-15 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Medium to dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013. Appears to be hardy for this area.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Cercis canadensis **Variety:**
Cultivar: Appalachian Red **Family:** Fabaceae **Tsnum:** 15054
Common Name: Appalachian Red Redbud
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C8

Observation Date of Plant: 9/27/2018

Plant Habit: Round

Plant Height: 6-8 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cercis canadensis **Variety:**
Cultivar: Hearts of Gold PP17740 **Family:** Fabaceae **Tsnum:** 12063
Common Name: Hearts of Gold Eastern Redbud
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** D5

Observation Date of Plant: 9/29/2018

Plant Habit: Upright, irregular

Plant Height: 7-9 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 20-30 in.

Foliage Color: New growth is yellow and then matures to mostly a light or medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Excellent

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cercis canadensis **Variety:**
Cultivar: Pink Pom Poms **Family:** Fabaceae **Tsnum:** 18004
Common Name: Pink Pom Poms Eastern Redbud
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C8

Observation Date of Plant: 9/29/2018

Plant Habit: Young, undefined

Plant Height: 8-10 ft

Plant Width: 3-4 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Cercis canadensis **Variety:**
Cultivar: Royal White **Family:** Fabaceae **Tsnum:** 12023
Common Name: Royal White Eastern Redbud
Source: Carlton Plants **Quantity observed:** 2 **Location:** C5, C6, D5

Observation Date of Plant: 9/27/2018

Plant Habit: Round

Plant Height: 7-9 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013. Doesn't have any dieback from cold since planted in 2013.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Cercis canadensis **Variety:**
Cultivar: Ruby Falls **Family:** Fabaceae **Tsnum:** 18005
Common Name: Ruby Falls Redbud
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** C8

Observation Date of Plant: 9/29/2018

Plant Habit: Weeping

Plant Height: 6 ft

Plant Width: 3-4 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cercis chinensis **Variety:**
Cultivar: Avondale **Family:** Fabaceae **Tsnum:** 16005
Common Name: Avondale Redbud
Source: Monrovia Growers **Quantity observed:** 1 **Location:** C8

Observation Date of Plant: 9/27/2018

Plant Habit: Young undefined

Plant Height: 5 ft.

Plant Width: 2-4 ft.

Current Seasons Growth: 6-8 in.

Foliage Color: Medium green

Bark Characteristics: intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, low clearance areas

Overall Plant Health: Good

Fruit Present: none

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: fair

Fall Color: yellow

Date of observation: 11/8/2016

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cercocarpus brevifolius **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 97260
Common Name: Mountain Mahogany
Source: Fort Collins Nursery **Quantity observed:** 4 **Location:** C0, B0, G0

Observation Date of Plant: 9/4/2017

Plant Habit: Upright oval

Plant Height: 5-9 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Medium to dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Grey - not showy

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Appears to be semi-evergreen.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cercocarpus intricatus **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 00155
Common Name: Littleleaf Mountain Mahogany
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** G0

Observation Date of Plant: 10/8/2017

Plant Habit: Young, undefined

Plant Height: 2 ft.

Plant Width: 2-3 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Xeriscape, shrub border, native planting

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: May grow larger if not crowded by nearby plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cercocarpus intricatus **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 16108
Common Name: Little Leaf Mountain Mahogany
Source: Garden and Home Show **Quantity observed:** 1 **Location:** A0

Observation Date of Plant: 8/29/2017

Plant Habit: Upright oval

Plant Height: 1-2 ft.

Plant Width: 1 ft.

Current Seasons Growth: 1-2 inches

Foliage Color: Gray green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Xeric landscape, shrub border

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted fall of 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Cercocarpus intricatus **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 14101
Common Name: Little Leaf Mountain Mahogany
Source: Garden and Home Show **Quantity observed:** 1 **Location:** B0

Observation Date of Plant: 10/2/2017

Plant Habit: Young, undefined

Plant Height: 2 ft.

Plant Width: 1-2 ft.

Current Seasons Growth: 1-2 in.

Foliage Color: Dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Shrub border, xeriscape

Overall Plant Health: Poor to fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in Fall 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cercocarpus montanus **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 78019
Common Name: Mountain Mahoghany
Source: Los Lunas Plant Material **Quantity observed:** 3 **Location:** B0

Observation Date of Plant: 10/2/2017

Plant Habit: Irregular to broad oval

Plant Height: 8 - 10 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, native planting, xeriscape, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Other plants block irrigation.

Nuisances:

Recommended: Marginal

Comments on plant: Looks inferior to C. ledifolius. Growth habit may have been somewhat flattened out by spring snow in 2003. Looks a little leggy. Canopy looks thin.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Chaenomeles japonica **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 82241
Common Name: Japanese Flowering Quince
Source: American Nursery Product/Mi **Quantity observed:** 2 **Location:** B1

Observation Date of Plant: 9/4/2017

Plant Habit: Broad oval

Plant Height: 8 - 12 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of two was rejuvenated in 2011. Both plants have mild chlorosis due to unknown cause.

Observation Date of Flowers: 4/26/2006

Flower Color: Red/Pink

Flower Type: Single

Flower Effect: Fair

% of Flower Coverage: 20-30%

Bloom Stage: Flowers open

Comments on Flowers: Seems to be fewer than average flowers this year for unknown reason.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Chaenomeles japonica **Variety:**
Cultivar: Cheyenne **Family:** Rosaceae **Tsnum:** 13123
Common Name: Cheyenne Flowering Quince
Source: Garden and Home Show **Quantity observed:** 3 **Location:** B0, B1

Observation Date of Plant: 9/14/2017

Plant Habit: Young, undefined

Plant Height: 3 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Medium to dark green, slight gloss

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2014 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Chionanthus retusus **Variety:**
Cultivar: **Family:** Oleaceae **Tsnum:** 05011
Common Name: Chinese Fringe Tree
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** A8

Observation Date of Plant: 8/31/2017

Plant Habit: Upright irregular

Plant Height: 6-8 ft.

Plant Width: 6-9 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2005. One of two had central leader broken from unknown cause and is more multistem.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Chionanthus retusus **Variety:**
Cultivar: Tokyo Tower **Family:** Oleaceae **Tsnum:** 18006
Common Name: Tokyo Tower Fringetree
Source: J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** C8, SC04-02

Observation Date of Plant: 9/29/2018

Plant Habit: Young, undefined

Plant Height: 7 ft

Plant Width: 1 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Chioranthus virginicus **Variety:** -0-
Cultivar: -0- **Family:** Oleaceae **Tsnum:** 89163
Common Name: Old Man's Beard
Source: Schichtel's Nursery **Quantity observed:** 3 **Location:** A7

Observation Date of Plant: 8/31/2017

Plant Habit: Upright

Plant Height: 8-12 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Two of three plants have much weaker growth. May be in too much shade.

Observation Date of Flowers: 6/2/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers: Very delicate looking.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Cladrastis kentukea **Variety:**
Cultivar: Perkins Pink **Family:** Fabaceae **Tsnum:** 08023
Common Name: Pink Flowering Yellowwood
Source: Carlton Plants **Quantity observed:** 1 **Location:** D6

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 15-25 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, large shade tree

Overall Plant Health: Excellent

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cladrastis lutea **Variety:** -0-
Cultivar: -0- **Family:** Leguminosae **Tsnum:** 86019
Common Name: Yellowwood
Source: Minnesota Landscape Arbore **Quantity observed:** 2 **Location:** D7

Observation Date of Plant: 9/30/2018

Plant Habit: Upright oval

Plant Height: 35-45 ft.

Plant Width: 35-45 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: Moderate amount, not attractive

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease: Canker on one of two trees

Disease Severity: Moderate injury

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: A nice looking tree that is under-used for this area.

Observation Date of Flowers: 5/24/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 85-100%

Bloom Stage: Flowers open

Comments on Flowers: Long pendulous flowers are delicate and very showy.

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Golden yellow

Date of observation: 10/28/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cladrastis lutea **Variety:**
Cultivar: Perkins Pink **Family:** Leguminosae **Tsnum:** 02023
Common Name: Pink Flowering Yellowwood
Source: Carlton Plants **Quantity observed:** 1 **Location:** SC9-5

Observation Date of Plant: 10/3/2018
Plant Habit: Upright oval becoming irregular
Plant Height: 8-12 ft.
Plant Width: 7-10 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen, large shade tree

Overall Plant Health: Good
Fruit Present: Few fruit
Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Severe injury

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Severely vandalized in 2005 - lost 50%-70% of canopy. Survivor is deformed by canker but has good vigor in 2016 although it is growing to one side and developing a severe lean.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 10/11/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Clematis **Variety:**
Cultivar: Diamantina **Family:** Ranunculaceae **Tsnum:** 13034
Common Name: Diamantina Clematis
Source: Bailey Nurseries **Quantity observed:** 3 **Location:** CFA

Observation Date of Plant: 9/5/2018

Plant Habit: Vine

Plant Height: 3-4 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 1-3 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Trellis/screen

Overall Plant Health: Fair

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Too much shade from nearby plants

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2013 - would look better in more sun. Moved in fall of 2016 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus alba **Variety:** -0-
Cultivar: Sibirica **Family:** Cornaceae **Tsnum:** 93087
Common Name: Siberian Dogwood
Source: Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** AA12

Observation Date of Plant: 9/27/2018

Plant Habit: Irregular to broad oval

Plant Height: 3-4 ft.

Plant Width: 6-8 ft

Current Seasons Growth: 12-24 in.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, erosion control

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow/cream

Date of observation: 10/19/2004

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus alternifolia **Variety:** -0-
Cultivar: -0- **Family:** Cornaceae **Tsnum:** 81151
Common Name: Pagoda Dogwood
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** A13, A14

Observation Date of Plant: 9/27/2018

Plant Habit: Broad oval or round

Plant Height: 8-10 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Dark blue

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Branching habit is very interesting after the leaves drop. One of two plants had canker affecting about 10% of canopy top and decreasing overall appearance.

Observation Date of Flowers: 5/31/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-85%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/6/2008

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: Mostly dark purple/red with some rose/re

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Cornus alternifolia **Variety:**
Cultivar: W. Stackman **Family:** Cornaceae **Tsnum:** 08123
Common Name: Golden Shadows Dogwood
Source: Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** AA11

Observation Date of Plant: 7/26/2018

Plant Habit: Upright, irregular

Plant Height: 5-6 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Variegated, medium green and white

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Slow to gain vigor but may have turned corner in 2016. Planted in 2009. Growth habit is leggy but foliage is very attractive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus amomum **Variety:** -0-
Cultivar: -0- **Family:** Cornaceae **Tsnum:** 78010
Common Name: Silky Dogwood
Source: Rose Lake Plant Material **Quantity observed:** 2 **Location:** A14

Observation Date of Plant: 9/27/2018

Plant Habit: Broad oval

Plant Height: 7-9 ft.

Plant Width: 12-18 ft

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to good

Fruit Present: Few fruit

Fruit Color: Dark blue

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Planted at edge of arboretum where irrigation is less uniform.

Nuisances:

Recommended: Yes

Comments on plant: One of two plants is in too much shade and only looks fair and is 1/3 the size of the other.

Observation Date of Flowers: 6/18/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus controversa **Variety:**
Cultivar: June Snow **Family:** Cornaceae **Tsnum:** 03017
Common Name: June Snow Dogwood
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** CFA

Observation Date of Plant: 9/28/2018

Plant Habit: Broad oval

Plant Height: 10-15 ft.

Plant Width: 18-25 ft.

Current Seasons Growth: 2-4 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Green turning to black/purple

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Moderate - pruned out 15-20% of canopy on one tree

Cultural Problems: Moved in 2016 due to unavoidable construction so vigor is lower in 2017 and 2018

Nuisances:

Recommended: Yes

Comments on plant: Nice growth habit, structure. New foliage emerges in shapes similar to tongues of fire and is very interesting by itself. Tolerant of drier conditions on edge of arboretum. Fall color was dark red on half of foliage and contrasted nicely with

Observation Date of Flowers: 5/22/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 70-90%

Bloom Stage: Flowers open

Comments on Flowers: Flowers accentuate branching structure.

Fall Color or Fruit: Fall color

Date of observation: 9/18/2007

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: Dark red/maroon

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus drummondii **Variety:** -0-
Cultivar: -0- **Family:** Cornaceae **Tsnum:** 88109
Common Name: Dogwood
Source: USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** AA13, A13

Observation Date of Plant: 9/27/2018

Plant Habit: Broad oval

Plant Height: 10-14 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: White

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: 1 of 3 plants is getting shaded out by neighboring plants

Nuisances:

Recommended: Yes

Comments on plant: Would look better if they had more space.

Observation Date of Flowers: 6/19/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 60-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus drummondii **Variety:**
Cultivar: **Family:** Cornaceae **Tsnum:** 03150
Common Name: Dogwood
Source: Texas **Quantity observed:** 1 **Location:** AA13

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 5-6 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: White

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Planted at edge of arboretum where irrigation is less uniform.

Nuisances:

Recommended: Marginal

Comments on plant: Not very bushy - would look better in full sun.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus hesseyii **Variety:**
Cultivar: Golden Glow **Family:** Cornaceae **Tsnum:** 08126
Common Name: Golden Glow Dogwood
Source: Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** AA11

Observation Date of Plant: 7/26/2018
Plant Habit: Round becoming broad oval
Plant Height: 5-7 ft.
Plant Width: 7-10 ft.
Current Seasons Growth: 18-24 in.

Foliage Color: Light green with a shade of yellow
Bark Characteristics: Important
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: Few fruit
Fruit Color: Blue shades on white
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Planted in 2009.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus kousa **Variety:**
Cultivar: Samzam **Family:** Cornaceae **Tsnum:** 11012
Common Name: Samaritan Dogwood
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A14

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 5-7 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 2-6 in.

Foliage Color: Light green with white margins, variegated

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Planted at edge of arboretum where irrigation is less uniform.

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. Would probably look better with better irrigation. Foliage is very attractive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus mas **Variety:**
Cultivar: 25499 **Family:** Cornaceae **Tsnum:** 03025
Common Name: Cornelian Cherry Dogwood
Source: USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** B14

Observation Date of Plant: 9/27/2018
Plant Habit: Upright, irregular
Plant Height: 5-9 ft.
Plant Width: 7-10 ft.
Current Seasons Growth: 10-15 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2003. Looks healthy but maybe in too much shade to set fruit. Plant in more sun is twice as big as other two. None have a very attractive growth habit.

Observation Date of Flowers: 3/18/2012

Flower Color: Yellow

Flower Type: Cluster

Flower Effect: No flowers in 2012.

% of Flower Coverage: No flowers in 2012.

Bloom Stage: No flowers in 2012.

Comments on Flowers: No flowers in 2012.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus mas **Variety:** -0-
Cultivar: Golden Glory **Family:** Cornaceae **Tsnum:** 86153
Common Name: Golden Glory Corneliancherry Dogwood
Source: Synnestvedt Nursery **Quantity observed:** 3 **Location:** B14, A14

Observation Date of Plant: 9/27/2018

Plant Habit: Round

Plant Height: 8-10 ft.

Plant Width: 10-15 ft

Current Seasons Growth: 6 - 12 in.

Foliage Color: Dark green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good to fair

Fruit Present: Few fruit

Fruit Color: Bright red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Two of three are getting too much shade from surrounding plants which is reducing vigor and height.

Observation Date of Flowers: 3/21/2013

Flower Color: Yellow

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers: Plants in shade have few flowers.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus pumila **Variety:**
Cultivar: **Family:** Cornaceae **Tsnum:** 98067
Common Name: Dogwood
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** A11, AA12

Observation Date of Plant: 7/26/2018
Plant Habit: Broad oval to irregular
Plant Height: 4-7 ft.
Plant Width: 8-14 ft.
Current Seasons Growth: 10-15 in.

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair to good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: One of two plants looks weak but second looks good.

Observation Date of Flowers: 6/19/2006

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers: No signs of flowers in 2006.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus racemosa **Variety:** -0-
Cultivar: -0- **Family:** Cornaceae **Tsnum:** 80398
Common Name: Gray Dogwood
Source: Unknown **Quantity observed:** 2 **Location:** A14

Observation Date of Plant: 9/27/2018
Plant Habit: Broad oval
Plant Height: 7-9 ft.
Plant Width: 10-15 ft
Current Seasons Growth: 10-15 in.

Foliage Color: Medium green
Bark Characteristics: Important
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: Moderate amount
Fruit Color: Dark blue
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Use only in shrub form - tree form has severe suckering.

Observation Date of Flowers: 6/13/2006
Flower Color: White
Flower Type: Cluster
Flower Effect: Good
% of Flower Coverage: 50-70%
Bloom Stage: Flowers open
Comments on Flowers: One of the showier dogwoods for this area.

Fall Color or Fruit:
Aesthetics:
Fall Color:

Date of observation:
Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus racemosa **Variety:** -0-
Cultivar: -0- **Family:** Cornaceae **Tsnum:** 91113
Common Name: Gray Dogwood
Source: Schichtel's Nursery **Quantity observed:** 1 **Location:** AA14

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 10-15 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border, small/confined areas

Overall Plant Health: Fair

Fruit Present: Abundant fruit

Fruit Color: White

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Slight to moderate

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Tree form has severe suckering and needs frequent pruning. Better grown as a shrub.

Observation Date of Flowers: 6/5/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 50-70%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus racemosa **Variety:**
Cultivar: Emerald **Family:** Cornaceae **Tsnum:** 98078
Common Name: Snow Cap Gray Dogwood
Source: North Dakota State University **Quantity observed:** 2 **Location:** AA12

Observation Date of Plant: 7/26/2018

Plant Habit: Round

Plant Height: 5-7 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Dark green, glossy

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Shrub border

Overall Plant Health: Good

Fruit Present: Abundant; stems on fruit are a beautiful cherry red that are showy even when the fruit

Fruit Color: Green becoming white

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Inadequate irrigation system.

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2003. Impressive uniform growth habit but getting crowded by nearby plants so would probably be wider with more space.

Observation Date of Flowers: 6/1/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus sanguinea **Variety:**
Cultivar: 25500 **Family:** Cornaceae **Tsnum:** 02032
Common Name: Blood-twigg Dogwood
Source: USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** AA13

Observation Date of Plant: 9/5/2018

Plant Habit: Upright oval to round

Plant Height: 8-12 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Black

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Two plants are getting too much shade from nearby tree but third looks good.

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2003.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus sanguinea **Variety:**
Cultivar: 25501 **Family:** Cornaceae **Tsnum:** 02033
Common Name: Blood-twigg Dogwood
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** AA13

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval to round

Plant Height: 8-12 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Black

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2003. May be wider but crowding from nearby plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus sericea **Variety:** sericea
Cultivar: Bud's Yellow **Family:** Cornaceae **Tsnum:** 99026
Common Name: Bud's Yellow Dogwood
Source: USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** A11, AA12

Observation Date of Plant: 7/26/2018

Plant Habit: Broad oval

Plant Height: 4-6 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: White

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Plant in full sun looks much better than the two in part shade.

Observation Date of Flowers: 5/15/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 50-60%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus sericea **Variety:** -0-
Cultivar: Cardinal **Family:** Cornaceae **Tsnum:** 87092
Common Name: Cardinal Redosier Dogwood
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** AA14

Observation Date of Plant: 9/27/2018

Plant Habit: Broad oval

Plant Height: 6 - 8 ft.

Plant Width: 10-14 ft

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, erosion control

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: White

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Will colonize an area.

Recommended: Yes

Comments on plant: Rosy colored twigs are very attractive.

Observation Date of Flowers: 5/31/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 40-60%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus sericea **Variety:** -0-
Cultivar: Isanti **Family:** Cornaceae **Tsnum:** 80037
Common Name: Isanti Redosier Dogwood
Source: Jewell Nursery, Inc. **Quantity observed:** 2 **Location:** A14

Observation Date of Plant: 9/27/2018

Plant Habit: Mounding to broad oval

Plant Height: 4-6 ft.

Plant Width: 7-9 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Medium to dark green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, erosion control

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Irrigation at edge of arboretum is non-uniform.

Nuisances:

Recommended: Yes

Comments on plant: Will colonize surrounding area if given the chance. Rejuvenated in 2016.

Observation Date of Flowers: 6/2/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 40-50%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus sericea sericea *Variety:*
Cultivar: Ruby *Family:* Cornaceae *Tsnum:* 97080
Common Name: Redosier Dogwood
Source: USDA/NC-7, Ames, IA *Quantity observed:* 1 *Location:* A11

Observation Date of Plant: 7/26/2018
Plant Habit: Broad oval
Plant Height: 4-6 ft.
Plant Width: 10-14 ft.
Current Seasons Growth: 10-15 in.

Foliage Color: Medium green
Bark Characteristics: Important
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: Very few
Fruit Color: White
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Has a slight red blush to stems and twigs.

Observation Date of Flowers: 5/31/2006
Flower Color: White
Flower Type: Cluster
Flower Effect: Good
% of Flower Coverage: 40-50%
Bloom Stage: Flowers open
Comments on Flowers:

Fall Color or Fruit: *Date of observation:*
Aesthetics: *Persistence:*
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus stolonifolia **Variety:**
Cultivar: Artic Fire **Family:** Cornaceae **Tsnum:** 05083
Common Name: Arctic Fire Dogwood
Source: Proven Winners **Quantity observed:** 1 **Location:** AA11

Observation Date of Plant: 7/26/2018

Plant Habit: Round

Plant Height: 5-6 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2009. Compact growth habit is better than most Cornus.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cornus x kousa **Variety:**
Cultivar: KN 30-8 **Family:** Cornaceae **Tsnum:** 15055
Common Name: Venus Dogwood
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A14

Observation Date of Plant: 9/27/2018

Plant Habit: Young, undefined

Plant Height: 5-6 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 2-4 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, confined areas

Overall Plant Health: Fair

Fruit Present: none

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Planted at edge of arboretum where irrigation is less uniform.

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Corylus americana **Variety:** -0-
Cultivar: -0- **Family:** Betulaceae **Tsnum:** 78149
Common Name: American Filbert
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** E5

Observation Date of Plant: 10/8/2017

Plant Habit: Round or broad oval

Plant Height: 20-25 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Shrub border, possibly a small multi-stem tree

Overall Plant Health: Fair

Fruit Present: Some but squirrels got to it earlier.

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Moderate injury

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Not a plant for most landscapes due to size. 15-25% of canopy is dead from canker.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Corylus americana **Variety:**
Cultivar: Sun Harvest **Family:** Betulaceae **Tsnum:** 10023
Common Name: Sun Harvest American Filbert
Source: Forrest Keeling Nursery **Quantity observed:** 2 **Location:** F5

Observation Date of Plant: 10/8/2017

Plant Habit: Upright oval to round

Plant Height: 2-4 ft.

Plant Width: 1-3 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen

Overall Plant Health: Fair to good

Fruit Present: Few

Fruit Color: Green turning to tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013. Had significant dieback from sudden severe freeze November 2014.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Corylus colurna **Variety:**
Cultivar: **Family:** Betulaceae **Tsnum:** 96134
Common Name: Turkish Filbert
Source: Schichtel's Nursery **Quantity observed:** 1 **Location:** F5

Observation Date of Plant: 9/5/2017

Plant Habit: Upright oval, narrow

Plant Height: 30-40 ft.

Plant Width: 18-25 ft

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: An attractive tree but a second tree suddenly died without symptoms and from unknown cause. Sudden death may be substantial reason for concern for widespread use.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 10/26/2017

Persistence: 1 week

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cotinus coggyria **Variety:**
Cultivar: Young Lady **Family:** Anacardiaceae **Tsnum:** 09065
Common Name: Young Lady Smokebush
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** C4

Observation Date of Plant: 9/23/2017

Plant Habit: Irregular

Plant Height: 2-3 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 4-6 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2009. Low vigor may be due to shade from nearby trees.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cotinus coggygria **Variety:**
Cultivar: 69997 **Family:** Anacardiaceae **Tsnum:** 02034
Common Name: Smokebush
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** C4

Observation Date of Plant: 9/23/2017

Plant Habit: Irregular

Plant Height: 6-8 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2003. One plant that seems to have been damaged by snow and lost half of canopy in 2008 is slowly regaining form. Both look a little leggy and would probably look better with full sun.

Observation Date of Flowers: 7/30/2007

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers: No sign of flowers in 2007 - may be in too much shade.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cotinus coggygria **Variety:** -0-
Cultivar: Nordine Red **Family:** Anacardiaceae **Tsnum:** 81190
Common Name: Nordine Red Smokebush
Source: Inter-State Nursery **Quantity observed:** 2 **Location:** C5

Observation Date of Plant: 9/23/2017

Plant Habit: Irregular

Plant Height: 10-15 ft.

Plant Width: 20-25 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Deformed some by snow load in 2009. Plant in full sun had a lot more flowering.

Observation Date of Flowers: 6/15/2007

Flower Color: Dark red

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-100%

Bloom Stage: Flowers open

Comments on Flowers: Flowers are a darker red and more numerous in full sun. Very showy and long lasting.

Fall Color or Fruit: Fall color

Date of observation: 10/28/2008

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: Purple

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cotinus coggygria **Variety:**
Cultivar: Pink Champagne **Family:** Anacardiaceae **Tsnum:** 98053
Common Name: Pink Champagne Smoke Bush
Source: Sjulín Nurseries **Quantity observed:** 1 **Location:** C5

Observation Date of Plant: 9/23/2017

Plant Habit: Irregular to broad oval

Plant Height: 1-2 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 6/15/2007

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers: No sign of flowers in 2007 - may be in too much shade.

Fall Color or Fruit: Fall color

Date of observation: 10/28/2003

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: orange, red, deep wine

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Cotinus coggygria **Variety:** -0-
Cultivar: Pink Princess **Family:** Anacardiaceae **Tsnum:** 81225
Common Name: Pink Princess Smokebush
Source: Smith Nursery Co. **Quantity observed:** 1 **Location:** C4

Observation Date of Plant: 9/23/2017

Plant Habit: Irregular

Plant Height: 8 - 10 ft.

Plant Width: 15 - 25 ft.

Current Seasons Growth: 20-30 in.

Foliage Color: Blue/green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Getting very leggy over time. Starting to flop and take up a lot of space.

Observation Date of Flowers: 6/15/2007

Flower Color: Light pink

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 60-80%

Bloom Stage: Flowers open

Comments on Flowers: Flowers are smaller and more compact than Cotinus 'Nordine Red' but are still showy.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cotinus coggygria **Variety:** -0-
Cultivar: Purple Supreme **Family:** Anacardiaceae **Tsnum:** 81191
Common Name: Purple Supreme Smokebush
Source: Inter-State Nursery **Quantity observed:** 1 **Location:** C4

Observation Date of Plant: 9/23/2017

Plant Habit: Irregular

Plant Height: 10-12 ft.

Plant Width: 15-25 ft.

Current Seasons Growth: 1-3 ft.

Foliage Color: Purple/green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Does not get as purple when shaded. Getting leggy and would probably look better with pruning.

Observation Date of Flowers: 6/15/2007

Flower Color: Purple/red

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 20-40%

Bloom Stage: Flowers open

Comments on Flowers: Relatively few flowers and only moderately showy.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cotinus obovatus **Variety:**
Cultivar: **Family:** Anacardiaceae **Tsnum:** 12026
Common Name: American Smoketree
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** B5, SC10-10

Observation Date of Plant: 9/5/2018
Plant Habit: Upright oval
Plant Height: 5-7 ft.
Plant Width: 2-3 ft.
Current Seasons Growth: 10-15 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, street tree

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013. In 2018 one of two died suffered severe damage by deer and may not survive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Cotinus obovatus **Variety:**
Cultivar: **Family:** Anacardiaceae **Tsnum:** 12026
Common Name: American Smoketree
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** B5, SC10-10

Observation Date of Plant: 10/9/2017

Plant Habit: Upright oval

Plant Height: 5-7 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, street tree

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013. In 2014 one of two died almost to the ground from unknown cause but is coming back.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Cotinus obovatus **Variety:**
Cultivar: **Family:** Anacardiaceae **Tsnum:** 12026
Common Name: American Smoketree
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** B5, SC10-10

Observation Date of Plant: 10/9/2017

Plant Habit: Upright oval

Plant Height: 5-7 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, street tree

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013. In 2018 one of two heavily grazed by deer and may not survive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cotinus obovatus **Variety:**
Cultivar: **Family:** Anacardiaceae **Tsnum:** 94043
Common Name: American Smoketree
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** C4

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval

Plant Height: 30-40 ft.

Plant Width: 15-25 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium blue/green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: This specimen is growing a little one sided due to neighboring tree. Foliage shape is attractive and bark is interesting and looks a little like dripping wax.

Observation Date of Flowers: 6/15/2007

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers: No sign of flowers in 2007 - never has been very showy compared to the bush forms.

Fall Color or Fruit: Fall color

Date of observation: 10/6/2008

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: Yellow, some light red

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cotoneaster apiculatus **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 12018
Common Name: Cranberry Cotoneaster
Source: Forrest Keeling Nursery **Quantity observed:** 1 **Location:** A1

Observation Date of Plant: 8/28/2017

Plant Habit: Spreading

Plant Height: 6-12 in.

Plant Width: 2-4 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, ground cover

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2012. Two of three have over 50% dieback probably from sudden temperature drop and were removed in 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Cotoneaster ignavus **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 00156
Common Name: Sezchuan Fire Cotoneaster
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** A0

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval to round

Plant Height: 7-10 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Needs a little pruning to keep pleasing shape.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Cotoneaster ignavus **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 78151
Common Name: Cotoneaster
Source: Unknown **Quantity observed:** 1 **Location:** A2, B1

Observation Date of Plant: 10/2/2017

Plant Habit: Round to broad oval

Plant Height: 10-14 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 10-20 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Dark red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cotoneaster integerrimus **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 87093
Common Name: European Cotoneaster
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** A2, B1

Observation Date of Plant: 8/28/2017

Plant Habit: Broad oval

Plant Height: 8-12 ft.

Plant Width: 18-24 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 5/7/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cotoneaster integerrimus **Variety:** -0-
Cultivar: Centennial **Family:** Rosaceae **Tsnum:** 89153
Common Name: Cotoneaster
Source: USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** A2, B2

Observation Date of Plant: 8/30/2017

Plant Habit: Round

Plant Height: 9-13 ft.

Plant Width: 10-14 ft

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Appearance would probably improve with full sun but starting to get shaded from nearby trees.

Observation Date of Flowers: 5/7/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers: Tiny flowers.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cotoneaster lucidus **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 07073
Common Name: Peking Cotoneaster
Source: Carlton Plants **Quantity observed:** 3 **Location:** A1

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval

Plant Height: 5-7 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Black

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2009. One of three is in shade and is half as big as the other two.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cotoneaster racemiliflora soongoricus **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 97255
Common Name: Sungari Rockspray Cotoneaster
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** G2

Observation Date of Plant: 10/8/2017

Plant Habit: Irregular

Plant Height: 7-8 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Wildlife, specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Growth habit is a little leggy but may look better and have larger size if not crowded by neighboring plants.

Observation Date of Flowers: 5/7/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 26-50%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/9/2003

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: dark red, dark oranges

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Cotoneaster shansiensis **Variety:**
Cultivar: Index Seminum 1241 **Family:** Rosaceae **Tsnum:** 08066
Common Name: Seminum Cotoneaster
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** A0

Observation Date of Plant: 8/29/2017

Plant Habit: Broad oval or irregular

Plant Height: 4-5.5 ft.

Plant Width: 5-9 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Red/orange

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012. Growth habit is not very uniform but may look better as it matures.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Crataegus **Variety:** -0-
Cultivar: Crusader **Family:** Rosaceae **Tsnum:** 91133
Common Name: Crusader Hawthorne
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** B1

Observation Date of Plant: 10/2/2017

Plant Habit: Round to broad oval

Plant Height: 10-14 ft.

Plant Width: 10-14 ft

Current Seasons Growth: 10-15 in.

Foliage Color: Medium to dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: Moderate amount of fruit

Fruit Color: Red

Insect Pests: Mealy bugs

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Severe mealy bug problem in past but was treated with Safari and looks much better since 2013.

Observation Date of Flowers: 5/24/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/13/2017

Aesthetics: Fair to good

Persistence: 1-2 weeks

Fall Color: Golden yellow, some red

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Crataegus ambigua **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 11114
Common Name: Russian Hawthorn
Source: Garden and Home Show **Quantity observed:** 1 **Location:** G3

Observation Date of Plant: 10/9/2017

Plant Habit: Upright oval

Plant Height: 10-14 ft.

Plant Width: 10-12 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas, barrier plant

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Slight suckering

Recommended: Yes

Comments on plant: Planted in 2011. Slightly leggy growth habit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Crataegus ambigua **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 90034
Common Name: Russian Hawthorn
Source: Fort Collins Nursery **Quantity observed:** 3 **Location:** A2

Observation Date of Plant: 8/28/2017

Plant Habit: Round to broad oval

Plant Height: 12-18 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Red

Insect Pests: Mealy bugs

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Fruit is attractive, dark red and shiny. Foliage is attractive and more finely cut than most Crataegus. Some inner branches getting shaded out.

Observation Date of Flowers: 5/17/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Crataegus arnoldiana **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 82189
Common Name: Hawthorn
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** B0

Observation Date of Plant: 9/15/2017
Plant Habit: Irregular to broad oval, multistemmed
Plant Height: 20-25 ft.
Plant Width: 25-35 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Coarse
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Fair
Fruit Present: Few fruit
Fruit Color: Rosy red
Insect Pests: Mealy bugs
Pest Severity: Slight injury
Plant Disease: Sooty mold
Disease Severity: Slight injury
Cultural Problems:
Nuisances: Slight suckering
Recommended: Yes
Comments on plant:

Observation Date of Flowers: 5/2/2006
Flower Color: White
Flower Type: Cluster
Flower Effect: Good
% of Flower Coverage: 70-80%
Bloom Stage: Flowers open
Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 10/11/2017
Aesthetics: Fair **Persistence:** 1-2 weeks
Fall Color: golden yellow

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Crataegus crugalli **Variety:** inermis
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 84199
Common Name: Thornless Cockspur Hawthorn
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** A1

Observation Date of Plant: 8/30/2017
Plant Habit: Round or possibly pyramidal
Plant Height: 15-20 ft.
Plant Width: 17-25 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Dark green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good
Fruit Present: Abundant
Fruit Color: Green turning red
Insect Pests: Mealy bugs
Pest Severity: Slight injury

Plant Disease:
Disease Severity:
Cultural Problems:

Nuisances:
Recommended: Yes

Comments on plant: Very horizontal branching habit. Glossy foliage. Looks great on the side with more sun bit a little thin in the shaded areas.

Observation Date of Flowers: 5/24/2006
Flower Color: White
Flower Type: Cluster
Flower Effect: Excellent
% of Flower Coverage: 70-80%
Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:
Aesthetics:
Fall Color:

Date of observation:
Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Crataegus crus-galli **Variety:** inermis
Cultivar: Cruzam **Family:** Rosaceae **Tsnum:** 94044
Common Name: Crusader Hawthorn
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** SC8-9, A3

Observation Date of Plant: 10/4/2018

Plant Habit: Broad spreading

Plant Height: 7 - 10 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: Moderate amount of fruit, very showy

Fruit Color: Red

Insect Pests: Mealy bugs

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Slight suckering

Recommended: Yes

Comments on plant: One tree moved Spring of 2003.

Observation Date of Flowers: 5/24/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-80%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow, orange, red

Date of observation: 10/22/2018

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Crataegus douglasii **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 90035
Common Name: Black Hawthorn
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** A2

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval

Plant Height: 8-12 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Red

Insect Pests: Mealy bugs, aphids

Pest Severity: Moderate injury

Plant Disease: Rust

Disease Severity: Moderate injury

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Slight suckering. Cherry red fruit is showy. Would probably look better with full sun but getting shaded out by nearby trees.

Observation Date of Flowers: 5/17/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Poor

% of Flower Coverage: 15-20%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Crataegus laevigata **Variety:** -0-
Cultivar: Crimson Cloud **Family:** Rosaceae **Tsnum:** 78155
Common Name: Crimson Cloud English Hawthorn
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** A0

Observation Date of Plant: 8/29/2017

Plant Habit: Upright oval to irregular

Plant Height: 20-27 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Wildlife, specimen

Overall Plant Health: Fair to good

Fruit Present: Moderate fruit

Fruit Color: Red, showy

Insect Pests: Mealy bugs

Pest Severity: Slight to moderate injury

Plant Disease: Sooty mold

Disease Severity: Slight injury

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 5/17/2006

Flower Color: Red

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Crataegus laevigata **Variety:** -0-
Cultivar: Paul's Scarlet **Family:** Rosaceae **Tsnum:** 78213
Common Name: Paul's Scarlet English Hawthorn
Source: -0- **Quantity observed:** 1 **Location:** A1

Observation Date of Plant: 8/28/2017

Plant Habit: Upright oval or irregular

Plant Height: 20-25 ft.

Plant Width: 15 - 20 ft.

Current Seasons Growth: 1 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, wildlife

Overall Plant Health: Poor

Fruit Present: Few fruit

Fruit Color: Red

Insect Pests: Mealy bugs

Pest Severity: Severe injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Tree is dying due to mealy bugs and low vigor over the past few years.

Observation Date of Flowers: 5/24/2006

Flower Color: Red

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Crataegus laevigata **Variety:** -0-
Cultivar: Toba **Family:** Rosaceae **Tsnum:** 78154
Common Name: Toba English Hawthorn
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A0

Observation Date of Plant: 8/29/2017

Plant Habit: Broad oval, multi-stem

Plant Height: 12-16 ft.

Plant Width: 20-25 ft.

Current Seasons Growth: 1 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Poor

Fruit Present: Few fruit

Fruit Color: Red, showy

Insect Pests: Mealy bugs

Pest Severity: Moderate injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Floppy habit and many water sprouts are not attractive. Thin canopy probably due to shade from neighboring plants and insects.

Observation Date of Flowers: 5/24/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Poor

% of Flower Coverage: 5-10%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Crataegus lavallei **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 95012
Common Name: Lavelle Hawthorn
Source: A. McGill & Son Nursery **Quantity observed:** 1 **Location:** SC8-11

Observation Date of Plant: 10/4/2018

Plant Habit: Round

Plant Height: 8-12 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Just turning orange in October.

Insect Pests: Mealy bugs

Pest Severity: Slight injury

Plant Disease: Rust

Disease Severity: Slight injury

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Fruit is slow to turn color.

Observation Date of Flowers: 5/24/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 60-75%

Bloom Stage: Flowers open

Comments on Flowers: Old, withered fruit detracts from flowers.

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Yellow

Date of observation: 10/16/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Crataegus monogyna **Variety:** -0-
Cultivar: Stricta **Family:** Rosaceae **Tsnum:** 84180
Common Name: Pyramidal Singleseed Hawthorn
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** A1

Observation Date of Plant: 8/28/2017

Plant Habit: Columnar

Plant Height: 15-20 ft.

Plant Width: 6-8 ft

Current Seasons Growth: 1-2 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Poor

Fruit Present: Few fruit, severe mealy bug infestation is resulting in low vigor.

Fruit Color: Red

Insect Pests: Mealy bugs

Pest Severity: Severe injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Severe mealy bug infestation is resulting in low vigor and decline. Plants are near death but still limping along.

Observation Date of Flowers: 5/17/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair to good

Fall Color: Red, yellow

Date of observation: 10/14/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Crataegus oxyacantha **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 95052
Common Name: Crimson Cloud Hawthorn
Source: Femrite Nursery Company **Quantity observed:** 2 **Location:** SC8-12, 13

Observation Date of Plant: 10/3/2018

Plant Habit: Irregular or upright oval

Plant Height: 12-17 ft.

Plant Width: 8-12 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair to good

Fruit Present: Moderate amount, showy

Fruit Color: Bright red

Insect Pests: Mealy bugs

Pest Severity: Slight injury

Plant Disease: Sooty mold

Disease Severity: Minor injury

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 5/24/2006

Flower Color: Red

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Crataegus phaenopyrum **Variety:** -0-
Cultivar: Cordata **Family:** Rosaceae **Tsnum:** 88058
Common Name: Cordata Washington Hawthorn
Source: A. McGill & Son Nursery **Quantity observed:** 1 **Location:** A1

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval

Plant Height: 15-20 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen

Overall Plant Health: Fair

Fruit Present: Many fruit

Fruit Color: Still green but matures to red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Has moderate chlorosis all over and 20% dieback from unknown cause but vigor improved since last evaluation.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Crataegus phaenopyrum **Variety:**
Cultivar: Westwood I **Family:** Rosaceae **Tsnum:** 01021
Common Name: Washington Lustre Hawthorn
Source: Carlton Plants **Quantity observed:** 2 **Location:** A0, SC8-8

Observation Date of Plant: 10/4/2018

Plant Habit: Upright oval to round

Plant Height: 12-17 ft.

Plant Width: 8-14 ft.

Current Seasons Growth: 10-14 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, barrier plant

Overall Plant Health: Good

Fruit Present: Many fruit, small, attractive

Fruit Color: Red/orange

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Appears resistant to mealy bugs that cause problems on many other Crataegus.
Very attractive growth habit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: red, dark red

Date of observation: 10/16/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Crataegus rivularis **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 82190
Common Name: Hawthorn
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** A0

Observation Date of Plant: 8/29/2017

Plant Habit: Upright oval

Plant Height: 15-22 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Barrier (thorns), Specimen, Small/confined areas

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Black, withered

Insect Pests: Mealy bugs

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Severe suckering

Recommended: Marginal

Comments on plant: Some nearby trees removed in 2017 so may do better in future with less crowding.

Observation Date of Flowers: 5/3/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: yellow, red

Date of observation: 10/9/2003

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Crataegus succulenta **Variety:** -0-
Cultivar: Macrantha **Family:** Rosaceae **Tsnum:** 82188
Common Name: Macrantha Fleshy Hawthorn
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** A0

Observation Date of Plant: 8/30/2017

Plant Habit: Broad oval

Plant Height: 8-14 ft.

Plant Width: 15-20 ft

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Barrier (thorns), Specimen, Small/confined areas

Overall Plant Health: Good

Fruit Present: Few fruit, bright, glossy

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Minor suckering

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 5/17/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 40-50%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Crataegus x mordenensis **Variety:** -0-
Cultivar: Snowbird **Family:** Rosaceae **Tsnum:** 87084
Common Name: Snowbird Hawthorn
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** A1, A2

Observation Date of Plant: 8/28/2017

Plant Habit: Round

Plant Height: 18-25 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Fair to good

Fruit Present: Few fruit

Fruit Color: Red

Insect Pests: Mealy bugs

Pest Severity: Slight injury

Plant Disease: Rust

Disease Severity: Slight to moderate injury

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 5/8/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Cupressus arizonica **Variety:**
Cultivar: **Family:** Cupressaceae **Tsnum:** 97266
Common Name: Arizona Cypress
Source: Fort Collins Nursery **Quantity observed:** 4 **Location:** G1, G2

Observation Date of Plant: 10/8/2017

Plant Habit: Pyramidal

Plant Height: 20-30 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Blue/green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit may be wider if not crowded by neighboring plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Cytisus purgans **Variety:**
Cultivar: Spanish Gold **Family:** Fabaceae **Tsnum:** 16112
Common Name: Spanish Gold Broom
Source: Garden and Home Show **Quantity observed:** 1 **Location:** E7

Observation Date of Plant: 10/4/2018

Plant Habit: Broad oval

Plant Height: 2-3 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 10-18 in

Foliage Color: Green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted fall of 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Deutzia **Variety:**
Cultivar: NCDX1 **Family:** Saxifragaceae **Tsnum:** 15107
Common Name: Yuki Snowflake Deutzia
Source: Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** F7

Observation Date of Plant: 10/2/2018

Plant Habit: Broad oval

Plant Height: 2 ft.

Plant Width: 3 ft.

Current Seasons Growth: 12-18 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Deutzia glabrata **Variety:**
Cultivar: 70067 **Family:** Hydrangeaceae **Tsnum:** 02035
Common Name: Deutzia
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** F7

Observation Date of Plant: 10/2/2018

Plant Habit: Round to broad oval

Plant Height: 4-6 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Light to medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2005. Growth habit is a little leggy.

Observation Date of Flowers: 5/22/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Fair to good

% of Flower Coverage: 20-30%

Bloom Stage: Flowers open

Comments on Flowers: Will probably have more flowers as it becomes further established.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Deutzia scabra **Variety:** -0-
Cultivar: Godsall **Family:** Saxifragaceae **Tsnum:** 89123
Common Name: Godsall Pink Deutzia
Source: Bailey Nurseries **Quantity observed:** 3 **Location:** E8

Observation Date of Plant: 10/2/2018
Plant Habit: Upright oval becoming round
Plant Height: 7-9 ft.
Plant Width: 7-10 ft.
Current Seasons Growth: 2-4 ft.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Two plants were rejuvenated in 2007 and came back strong. The third was done in 2009 and also has good vigor.

Observation Date of Flowers: 7/2/2003

Flower Color: Pink/White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Deutzia scabra **Variety:** -0-
Cultivar: Pride of Rochester **Family:** Saxifragaceae **Tsnum:** 85169
Common Name: Pride of Rochester Fuzzy Deutzia
Source: Mount Arbor Nursery **Quantity observed:** 3 **Location:** F7

Observation Date of Plant: 10/2/2018

Plant Habit: Upright oval to round

Plant Height: 6-8 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 2-4 ft.

Foliage Color: Light to medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One plant died back ~75% during winter of 2007-08 and was rejuvenated in 2008. The other two were rejuvenated in 2009.

Observation Date of Flowers: 7/2/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Deutzia x lemoinei **Variety:** -0-
Cultivar: -0- **Family:** Saxifragaceae **Tsnum:** 83148
Common Name: Slender Deutzia
Source: Jewell Nursery, Inc. **Quantity observed:** 2 **Location:** F7

Observation Date of Plant: 10/2/2018

Plant Habit: Round

Plant Height: 4-6 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 10-15 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Uniform growth habit.

Observation Date of Flowers: 5/25/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 85-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Deutzia x lemoinei **Variety:** -0-
Cultivar: Compactum **Family:** Saxifragaceae **Tsnum:** 82123
Common Name: Compact Lemoine Deutzia
Source: Mount Arbor Nursery **Quantity observed:** 3 **Location:** E6

Observation Date of Plant: 10/1/2018

Plant Habit: Round to broad oval

Plant Height: 6-8 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Hedge, specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Seems to have much less tip dieback than most Deutzia.

Observation Date of Flowers: 5/25/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 85-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Diervilla lonicera **Variety:** -0-
Cultivar: -0- **Family:** Caprifoliaceae **Tsnum:** 82228
Common Name: Bush Honeysuckle
Source: Cross Nurseries Inc. **Quantity observed:** 1 **Location:** A13

Observation Date of Plant: 9/27/2018

Plant Habit: Broad oval

Plant Height: 3-4 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is a little leggy .

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Diospyros virginiana **Variety:** -0-
Cultivar: -0- **Family:** Ebenaceae **Tsnum:** 93061
Common Name: Common Persimmon
Source: Forrest Keeling Nursery **Quantity observed:** 1 **Location:** D5

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 15-20 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade

Overall Plant Health: Good

Fruit Present: Very few

Fruit Color: Soft orange/yellow

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Looks good despite getting crowded by neighboring plant. Foliage is very attractive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Diospyros virginiana **Variety:**
Cultivar: Ames 29625 **Family:** Ebenaceae **Tsnum:** 11006
Common Name: Common Persimmon
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** B5, C4

Observation Date of Plant: 9/23/2017
Plant Habit: Upright oval
Plant Height: 6-8 ft.
Plant Width: 3-4 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen

Overall Plant Health: Good
Fruit Present: None
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease: Leaf blotch
Disease Severity: Slight but it affect appearance.
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Planted in 2013.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Elaeagnus umbellata **Variety:**
Cultivar: Cardinal **Family:** Elaeagnaceae **Tsnum:** 94126
Common Name: Cardinal Autumn Olive
Source: Forrest Keeling Nursery **Quantity observed:** 1 **Location:** G6

Observation Date of Plant: 10/4/2018

Plant Habit: Irregular to round

Plant Height: 6-8 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Medium olive green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, difficult sites

Overall Plant Health: Poor

Fruit Present: Few fruit ,showy

Fruit Color: Dark red

Insect Pests:

Pest Severity:

Plant Disease: canker

Disease Severity: Severe injury

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: It suckers. Fruit is showier than E. 'Michigan 777' . Main tree is dead from canker and only surviving on suckers.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 9/20/2004

Persistence: 1-3 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Elaeagnus umbellata **Variety:** -0-
Cultivar: Michigan 777 **Family:** Elaeagnaceae **Tsnum:** 81195
Common Name: Michigan 777 Autumn Olive
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** F6

Observation Date of Plant: 10/1/2018

Plant Habit: Arching to broad oval

Plant Height: 10 - 15 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Difficult sites, large shrub

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Dark red

Insect Pests:

Pest Severity:

Plant Disease: canker

Disease Severity: Moderate injury

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Too large for most landscapes. Not a very showy plant. Fruit is only moderately interesting since there isn't that many of them.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ephedra equisetiana **Variety:**
Cultivar: **Family:** Ephedraceae **Tsnum:** 16111
Common Name: Bluestem Joint Fir
Source: Garden and Home Show **Quantity observed:** 1 **Location:** E7

Observation Date of Plant: 10/4/2018

Plant Habit: Young, undefined

Plant Height: 2-3 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 6-8 in.

Foliage Color: Blue

Bark Characteristics: Important

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted fall of 2016. Vigor and appearance is off since it was forced for the Garden and Home Show but should look better once established

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ephedra equisetina **Variety:**
Cultivar: **Family:** Ephedraceae **Tsnum:** 03160
Common Name: Bluestem Joint Fir
Source: Fort Collins Nursery **Quantity observed:** 3 **Location:** G2

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval

Plant Height: 2.5 - 4 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Blue/grey

Bark Characteristics: Important

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2003. Doing fine in partial sun area but would probably be larger if planted in more sun.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Eucommia ulmoides **Variety:**
Cultivar: **Family:** Eucommiaceae **Tsnum:** 98023
Common Name: Hardy Rubber Tree
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** D8, SC5-1 or 12-2?

Observation Date of Plant: 9/30/2018

Plant Habit: Upright oval

Plant Height: 12-18 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 1-2 ft

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Looks better than it ever has in the past. Finally looks reasonably healthy.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Eucommia umloides **Variety:**
Cultivar: Emerald Point **Family:** Eucommiaceae **Tsnum:** 13022
Common Name: Emerald Point Hardy Rubber Tree
Source: Carlton Plants **Quantity observed:** 2 **Location:** B9

Observation Date of Plant: 8/31/2017

Plant Habit: Upright/columnar

Plant Height: 7-9 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, confined spaces

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2014. Top of canopy died back on both possibly due to establishment problems or might not be hardy enough - needs more time to observe. New growth is vigorous.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Euonymus alatus **Variety:**
Cultivar: Rudy Haag **Family:** Celastraceae **Tsnum:** 00073
Common Name: Rudy Haag Burning Bush
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** D3

Observation Date of Plant: 9/23/2017

Plant Habit: Round to upright oval

Plant Height: 4-5.5 ft.

Plant Width: 4-4.5 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has a nice compact growth habit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: red, bright

Date of observation: 10/21/2005

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Euonymus alatus **Variety:**
Cultivar: Timber Creek **Family:** Celastraceae **Tsnum:** 02014
Common Name: Chicago Fire Burning Bush
Source: Sjulín Nurseries **Quantity observed:** 2 **Location:** D3

Observation Date of Plant: 9/23/2017

Plant Habit: Broad oval

Plant Height: 6-8 ft.

Plant Width: 10-12 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Abundant fruiting, showy

Fruit Color: Orange/red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: red, bright

Date of observation: 10/12/2011

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Euonymus alatus **Variety:**
Cultivar: TREE FORM **Family:** Celastraceae **Tsnum:** 09070
Common Name: Winged Burning Bush-tree
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** DS

Observation Date of Plant: 9/5/2017

Plant Habit: Round

Plant Height: 6-7 ft

Plant Width: 5-6 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, patio tree

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: yes

Comments on plant: Looks very good as a patio tree in a #20 container after 8 years.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Red

Date of observation: 10/26/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Euonymus bungeana **Variety:** -0-
Cultivar: North Platte **Family:** Celastraceae **Tsnum:** 77005
Common Name: North Platte Winterberry Euonymus
Source: Unknown **Quantity observed:** 1 **Location:** D3

Observation Date of Plant: 9/23/2017

Plant Habit: Broad oval, irregular

Plant Height: 18 - 25 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Light green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small tree or large shrub

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Light pink

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Fruit is pink and not as abundant as Euonymus 'Pink Lady'.

Observation Date of Flowers: 6/2/2003

Flower Color: Green/White

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/24/2005

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: light creamy, yellow, light pink, reddish

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Euonymus bungeana **Variety:** -0-
Cultivar: Pink Lady **Family:** Celastraceae **Tsnum:** 78004
Common Name: Pink Lady Winterberry Euonymus
Source: Rose Lake Plant Material **Quantity observed:** 1 **Location:** E3

Observation Date of Plant: 10/8/2017

Plant Habit: Upright oval

Plant Height: 18-24 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Light green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: Showy, abundant

Fruit Color: Pink/orange

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Fruit is a very showy pink. Very attractive small tree with no problems. Lost a branch due to storm damage and growth habit is lopsided.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: light yellow

Date of observation: 10/24/2005

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Euonymus bungeana **Variety:** -0-
Cultivar: Pink Lady **Family:** Celastraceae **Tsnum:** 78017
Common Name: Pink Lady Winterberry Euonymus
Source: Los Lunas Plant Material **Quantity observed:** 1 **Location:** E4

Observation Date of Plant: 10/8/2017

Plant Habit: Round

Plant Height: 12-17 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Light green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: Showy, abundant

Fruit Color: Pink/orange

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Fruit is a very showy pink. Very attractive small tree with no problems. One specimen seems more compact than the other specimen.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 10/26/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Euonymus bungeana **Variety:**
Cultivar: Verona **Family:** Celastraceae **Tsnum:** 07033
Common Name: Prairie Radiance Winterberry
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** D3

Observation Date of Plant: 9/23/2017

Plant Habit: Broad oval or irregular

Plant Height: 5-7 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 12-36 in.

Foliage Color: Light to medium green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, large shrub

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Pink & red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2009. Looks a little leggy. One of two was deformed by heavy snow in May 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Euonymus bungeana **Variety:**
Cultivar: Verona **Family:** Celastraceae **Tsnum:** 98080
Common Name: Autumn radiance Euonymus
Source: North Dakota State University **Quantity observed:** 1 **Location:** D3

Observation Date of Plant: 9/14/2017

Plant Habit: Irregular

Plant Height: 6-8 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 18-24 in.

Foliage Color: Light to medium green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, large shrub

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Pink & red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2004. Suffered significant breakage which deformed growth habit during late snow storm on May 18, 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Rosy red/yellow

Date of observation: 10/16/2013

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Euonymus europaeus **Variety:** -0-
Cultivar: Aldenhamensis **Family:** Celastraceae **Tsnum:** 81223
Common Name: Euonymus
Source: Smith Nursery Co. **Quantity observed:** 3 **Location:** D3, E3

Observation Date of Plant: 9/23/2017

Plant Habit: Broad oval

Plant Height: 14-17 ft.

Plant Width: 20-25 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Red, showy

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Euonymus fortunei **Variety:** radicans
Cultivar: Sarcoxie **Family:** Celastraceae **Tsnum:** 80167
Common Name: Sarcoxie Wintercreeper Euonymus
Source: American Nursery Product/Mi **Quantity observed:** 1 **Location:** D3

Observation Date of Plant: 9/23/2017

Plant Habit: Broad oval

Plant Height: 5-7 ft.

Plant Width: 12-16 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Shady areas, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit can appear leggy but would look fine with a little regular pruning each year. Deer graze on it in some winters.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Euonymus turkensis **Variety:** -0-
Cultivar: Nana **Family:** Celastraceae **Tsnum:** 78159
Common Name: Dwarf Turkish Euonymus
Source: Unknown **Quantity observed:** 1 **Location:** D3

Observation Date of Plant: 9/23/2017

Plant Habit: Broad oval

Plant Height: 3.5-5 ft.

Plant Width: 6-8 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Dark to medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2010. Might be larger if not crowded by neighboring plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Exochorda serratifolia **Variety:**
Cultivar: Northern Pearls **Family:** Rosaceae **Tsnum:** 01038
Common Name: Northern Pearls Pearlbrush
Source: Bailey Nurseries **Quantity observed:** 3 **Location:** B6, D6

Observation Date of Plant: 9/29/2018

Plant Habit: Broad oval

Plant Height: 9-13 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2005. Flowers are impressive. Growth habit is deformed by snow in May 2017.

Observation Date of Flowers: 4/26/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 50-75%

Bloom Stage: Flowers open

Comments on Flowers: Large flowers with nice shape are very showy.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Exochorda x macrantha **Variety:**
Cultivar: Bailmoon **Family:** Rosaceae **Tsnum:** 18053
Common Name: Lotus Moon™ Pearlbush
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** F6

Observation Date of Plant: 10/2/2018

Plant Habit: Round

Plant Height: 2 ft.

Plant Width: 2 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fagus sylvatica **Variety:**
Cultivar: Asplenifolia **Family:** Fagaceae **Tsnum:** 04045
Common Name: Fern-leaf Beech
Source: Schichtel's Nursery **Quantity observed:** 1 **Location:** B2

Observation Date of Plant: 10/2/2017
Plant Habit: Upright oval becoming round
Plant Height: 14-18 ft.
Plant Width: 10-14 ft.
Current Seasons Growth: 10-15 in.

Foliage Color: Dark green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: specimen, shade tree

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2008.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 10/28/2013

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fagus sylvatica **Variety:** -0-
Cultivar: Atropurpurea **Family:** Fagaceae **Tsnum:** 82167
Common Name: European Beech
Source: Amfac Nurseries California **Quantity observed:** 1 **Location:** B3

Observation Date of Plant: 10/9/2017

Plant Habit: Upright oval

Plant Height: 20-30 ft.

Plant Width: 15-25 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green with shades of red/purple

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, screen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fagus sylvatica **Variety:**
Cultivar: Red Obelisk **Family:** Ericaceae **Tsnum:** 96048
Common Name: Red Obelisk Beech
Source: Oregon Garden Products **Quantity observed:** 1 **Location:** B2

Observation Date of Plant: 10/2/2017

Plant Habit: Columnar

Plant Height: 18-24 ft.

Plant Width: 7-9 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Red/dark green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, screen, narrow/confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage is dark green with shades of dark red. Growth habit is a little misshapen probably due to heavy snow in May 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Yellow/gold

Date of observation: 10/28/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fagus sylvatica **Variety:** -0-
Cultivar: Riversii **Family:** Betulaceae **Tsnum:** 78160
Common Name: Rivers European Beech
Source: Siebenthaler Nursery **Quantity observed:** 1 **Location:** B3

Observation Date of Plant: 10/9/2017

Plant Habit: Vase to upright oval

Plant Height: 35-45 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Dark green/purple

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, screen, narrow/confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Large, inactive canker wound has significant decay in trunk which will eventually cause structural problems.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fagus sylvatica **Variety:** -0-
Cultivar: Roseo-marginata **Family:** Fagaceae **Tsnum:** 82168
Common Name: European Beech
Source: Amfac Nurseries California **Quantity observed:** 3 **Location:** A2

Observation Date of Plant: 8/28/2017

Plant Habit: Upright oval to round

Plant Height: 30-40 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Variegated, dark green with white and green margins

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Excellent

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage color is stunning in spring with green, white and some pink. Very problem free tree for many years.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/28/2008

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: Mostly burnt yellow but some orange

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Fagus sylvatica **Variety:**
Cultivar: Spaethiana **Family:** Fagaceae **Tsnum:** 95035
Common Name: Spaeth's Purple Beech
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A3

Observation Date of Plant: 8/30/2017
Plant Habit: Upright oval to pyramidal
Plant Height: 30-38 ft.
Plant Width: 20-30 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Dark green/red
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shade tree

Overall Plant Health: Good
Fruit Present: None
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant:

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fallugia paradoxa **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 03163
Common Name: Apache Plume
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** G1

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval to irregular

Plant Height: 2-3 ft.

Plant Width: 4-5 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: A good plant for tough sites.

Observation Date of Flowers: 6/1/2006

Flower Color: White

Flower Type: Single

Flower Effect: Good

% of Flower Coverage: 40-50%

Bloom Stage: Flowers open

Comments on Flowers: Will continue to bloom throughout the summer at a slower rate but seed plumes are very showy and extend interest.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Fontanesia fortunei **Variety:** -0-
Cultivar: -0- **Family:** Oleaceae **Tsnum:** 88009
Common Name: Fortune Fontanesia
Source: OE White Research Arboretu **Quantity observed:** 1 **Location:** A7

Observation Date of Plant: 9/14/2017

Plant Habit: Upright oval

Plant Height: 10-14 ft.

Plant Width: 10-14 ft

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fontanesia fortunei **Variety:** -0-
Cultivar: Titan **Family:** Oleaceae **Tsnum:** 90015
Common Name: Titan Fontanesia
Source: Jewell Nursery, Inc. **Quantity observed:** 2 **Location:** A6

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval

Plant Height: 20-25 ft.

Plant Width: 15-22 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Shrub border, screen, small tree with time

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Fine foliage and growth habit seems to give somewhat of a tropical appearance.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forestiera neomexicana **Variety:**
Cultivar: **Family:** Oleaceae **Tsnum:** 96069
Common Name: Desert Olive
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A8

Observation Date of Plant: 8/31/2017

Plant Habit: Broad oval

Plant Height: 8-12 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Moderate fruit

Fruit Color: Dark purple

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forestiera neomexicana **Variety:** -0-
Cultivar: -0- **Family:** Oleaceae **Tsnum:** 87196
Common Name: Desert Olive
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** A7

Observation Date of Plant: 8/31/2017

Plant Habit: broad oval

Plant Height: 10-14 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border, small tree

Overall Plant Health: Good

Fruit Present: Abundant fruiting, showy

Fruit Color: Purple

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has interesting bark if pruned into a small tree. Stems seem to lean outward with age.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: yellow

Date of observation: 10/9/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forestiera neomexicana **Variety:** -0-
Cultivar: -0- **Family:** Oleaceae **Tsnum:** 78016
Common Name: Desert Olive
Source: Los Lunas Plant Material **Quantity observed:** 3 **Location:** A7

Observation Date of Plant: 8/31/2017
Plant Habit: Round becoming broad oval
Plant Height: 14-20 ft.
Plant Width: 20-30 ft.
Current Seasons Growth: 10-15 in.

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, xeriscape, shrub border, small tree

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Dark purple

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has interesting bark if pruned into a small tree. Stems seem to lean outward with age.

Observation Date of Flowers: 4/26/2006

Flower Color: Yellow

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers: No petals - just anthers, so the flower isn't too showy.

Fall Color or Fruit: Fall color

Date of observation: 10/9/2003

Aesthetics: Fair

Persistence: 1-2 weeks

Fall Color: yellow

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forsythia **Variety:**
Cultivar: Courtasol **Family:** Oleaceae **Tsnum:** 14081
Common Name: Gold Tide Forsythia
Source: The Conard Pyle Co. **Quantity observed:** 3 **Location:** B8

Observation Date of Plant: 8/31/2017

Plant Habit: Spreading

Plant Height: 1 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, ground cover

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in fall of 2016. Doesn't seem to have much vigor first year but may improve after getting established.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forsythia **Variety:**
Cultivar: Fiesta **Family:** Oleaceae **Tsnum:** 03119
Common Name: Fiesta Forsythia
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** B7

Observation Date of Plant: 9/4/2017
Plant Habit: Irregular
Plant Height: 4-6 ft.
Plant Width: 5-8 ft.
Current Seasons Growth: 1-2 ft.

Foliage Color: Green/yellow variegation
Bark Characteristics: Unimportant
Plant Summer Texture: Coarse
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2004. Unique foliage color. Growth habit is very irregular possibly because of too much shade from nearby plants. May be wider if in more sun.

Observation Date of Flowers: 4/16/2018

Flower Color: Yellow

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 30-40%

Bloom Stage: Flowers open

Comments on Flowers: Relatively larger flowers. May do better in full sun.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forsythia **Variety:** -0-
Cultivar: Northern Gold **Family:** Oleaceae **Tsnum:** 87094
Common Name: Northern Gold Forsythia
Source: Bailey Nurseries **Quantity observed:** 3 **Location:** C8

Observation Date of Plant: 9/4/2017

Plant Habit: Irregular

Plant Height: 5 - 6 ft.

Plant Width: 10-12 ft.

Current Seasons Growth: 1-3 ft.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Seems to be less leggy than others.

Observation Date of Flowers: 4/16/2018

Flower Color: yellow

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 90-100%

Bloom Stage: Flowers open

Comments on Flowers: Very abundant and uniform.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forsythia giraldiana **Variety:**
Cultivar: Golden Times **Family:** Oleaceae **Tsnum:** 08024
Common Name: Golden Times Forsythia
Source: Carlton Plants **Quantity observed:** 1 **Location:** B8

Observation Date of Plant: 9/4/2017

Plant Habit: Irregular

Plant Height: 5-6 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 36-48 in.

Foliage Color: Variegated, green and yellow

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Variegated foliage helps add interest when not in flower but growth habit is still irregular and leggy.

Observation Date of Flowers: 4/16/2018

Flower Color: Yellow

Flower Type: Cluster

Flower Effect: Poor

% of Flower Coverage: 20.00%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forsythia mandshurica **Variety:** -0-
Cultivar: Vermont Sun **Family:** Oleaceae **Tsnum:** 87197
Common Name: Vermont Sun Forsythia
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** C9

Observation Date of Plant: 9/4/2017

Plant Habit: Round to broad oval

Plant Height: 5-6 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage is much larger than most Forsythias and more round. Growth habit is less leggy than other Forsythias. Better fall color than most Forsythia. May be wider if had more space.

Observation Date of Flowers: 4/16/2018

Flower Color: yellow

Flower Type: Cluster

Flower Effect: Poor

% of Flower Coverage: 10-20%

Bloom Stage: Flowers open

Comments on Flowers: Never has had many flowers.

Fall Color or Fruit: Fall color

Aesthetics: Good, showy

Fall Color: Yellow

Date of observation: 10/25/2013

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forsythia ovata x europaea **Variety:** -0-
Cultivar: Meadowlark **Family:** Oleaceae **Tsnum:** 84226
Common Name: Meadowlark Border Forsythia
Source: South Dakota State University **Quantity observed:** 3 **Location:** C8, B8

Observation Date of Plant: 9/4/2017

Plant Habit: Irregular

Plant Height: 6-8 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 2-3 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 3/20/2012

Flower Color: yellow

Flower Type: Cluster

Flower Effect: Good to excellent

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forsythia spectabilis **Variety:** -0-
Cultivar: Showy Border **Family:** Oleaceae **Tsnum:** 86173
Common Name: Showy Border Forsythia
Source: Forrest Keeling Nursery **Quantity observed:** 3 **Location:** C7, B7

Observation Date of Plant: 9/4/2017

Plant Habit: Irregular

Plant Height: 6-9 ft.

Plant Width: 8 - 12 ft.

Current Seasons Growth: 2-4 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 3/26/2012

Flower Color: yellow

Flower Type: Cluster

Flower Effect: Good to excellent

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers: Relatively shorter petals but a lot of them.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forsythia suspensa **Variety:** -0-
Cultivar: -0- **Family:** Oleaceae **Tsnum:** 83143
Common Name: Weeping Forsythia
Source: Mount Arbor Nursery **Quantity observed:** 1 **Location:** C8

Observation Date of Plant: 9/4/2017

Plant Habit: Broad oval

Plant Height: 3-5 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 2-4 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Rejuvenated in 2004. Never is very showy and has a poor growth habit. Has slight chlorosis on 15% of canopy.

Observation Date of Flowers: 4/16/2018

Flower Color: yellow

Flower Type: Cluster

Flower Effect: Poor

% of Flower Coverage: 10-15%

Bloom Stage: Flowers open

Comments on Flowers: Not many flowers this year and generally a poor performer in the past.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forsythia viridissima **Variety:**
Cultivar: Klein **Family:** Oleaceae **Tsnum:** 02015
Common Name: Klein Dwarf Forsythia
Source: Sjulín Nurseries **Quantity observed:** 3 **Location:** C9

Observation Date of Plant: 9/4/2017

Plant Habit: Irregular or mounding

Plant Height: 4-4.5 ft

Plant Width: 6-9 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is somewhat more attractive than most Forsythias - less leggy with smaller foliage size.

Observation Date of Flowers: 4/16/2018

Flower Color: yellow

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 50.00%

Bloom Stage: Flowers open

Comments on Flowers: Never has had many flowers. Only one of three plants has flowers.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forsythia viridissima koreana **Variety:**
Cultivar: Kumson **Family:** Oleaceae **Tsnum:** 14095
Common Name: Kumson Forsythia
Source: Garden and Home Show **Quantity observed:** 1 **Location:** B9

Observation Date of Plant: 8/31/2017

Plant Habit: Upright, irregular

Plant Height: 3-4 ft.

Plant Width: 5-6 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Mostly medium green with variegation more pronounced earlier in season.

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in fall of 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forsythia x **Variety:**
Cultivar: 7706-1 **Family:** Oleaceae **Tsnum:** 95060
Common Name: 7706-1 Forsythia
Source: Sjulín Nurseries **Quantity observed:** 2 **Location:** B7

Observation Date of Plant: 9/4/2017
Plant Habit: Irregular
Plant Height: 5-7 ft.
Plant Width: 10-14 ft.
Current Seasons Growth: 1 - 3 ft.

Foliage Color: Dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Coarse
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: None
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant:

Observation Date of Flowers: 4/16/2018
Flower Color: yellow
Flower Type: Cluster
Flower Effect: Excellent
% of Flower Coverage: 85-100%
Bloom Stage: Flowers open

Comments on Flowers: Very dense flowering and a more vibrant color of yellow than most. One of the most dependable and showy in the arboretum.

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forsythia x **Variety:** -0-
Cultivar: New Hampshire Gold **Family:** Oleaceae **Tsnum:** 89147
Common Name: New Hampshire Gold Forsythia
Source: Jewell Nursery, Inc. **Quantity observed:** 3 **Location:** B8

Observation Date of Plant: 9/14/2017

Plant Habit: Irregular to broad oval

Plant Height: 6-8 ft.

Plant Width: 8-12ft.

Current Seasons Growth: 1 - 3 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Rejuvenated in 2008. Still looks a little leggy. Looks moderately chlorotic.

Observation Date of Flowers: 4/16/2018

Flower Color: yellow

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-80%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forsythia x **Variety:**
Cultivar: Northern Sun **Family:** Oleaceae **Tsnum:** 94001
Common Name: Northern Sun Forsythia
Source: Sjulín Nurseries **Quantity observed:** 3 **Location:** B7

Observation Date of Plant: 9/4/2017

Plant Habit: Irregular

Plant Height: 6 - 9 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 1 - 3 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Two of three have been rejuvenated. One still looks small and lack vigor.

Observation Date of Flowers: 4/16/2018

Flower Color: yellow

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-80%

Bloom Stage: Flowers open

Comments on Flowers: Uniform flower coverage

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forsythia x intermedia **Variety:** -0-
Cultivar: Beatrix Ferrand **Family:** Oleaceae **Tsnum:** 84140
Common Name: Beatrix Ferrand Border Forsythia
Source: Mount Arbor Nursery **Quantity observed:** 3 **Location:** B8, B7

Observation Date of Plant: 9/4/2017

Plant Habit: Irregular

Plant Height: 6-9 ft.

Plant Width: 13-18 ft.

Current Seasons Growth: 3 - 5 ft.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2008.

Observation Date of Flowers: 4/16/2018

Flower Color: yellow

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-80%

Bloom Stage: Flowers open

Comments on Flowers: This plant might flower better in more sun.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Forsythia x intermedia **Variety:** -0-
Cultivar: Golden Belle **Family:** Oleaceae **Tsnum:** 86172
Common Name: Golden Belle Border Forsythia
Source: Forrest Keeling Nursery **Quantity observed:** 2 **Location:** B8

Observation Date of Plant: 9/4/2017

Plant Habit: Irregular

Plant Height: 8-10 ft.

Plant Width: 15 - 20 ft.

Current Seasons Growth: 3-5 ft.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Exceptionally vigorous. One of two was rejuvenated in 2008.

Observation Date of Flowers: 3/23/2012

Flower Color: yellow

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers: Flowers are twice as big as most Forsythia.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forsythia x intermedia **Variety:**
Cultivar: Lynwood Gold **Family:** Oleaceae **Tsnum:** 94006
Common Name: Lynwood Gold Forsythia
Source: Mount Arbor Nursery **Quantity observed:** 3 **Location:** C8, C9

Observation Date of Plant: 9/4/2017

Plant Habit: Irregular or broad oval

Plant Height: 8 - 12 ft.

Plant Width: 12-16 ft.

Current Seasons Growth: 3-5 ft.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Excellent

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Vigor is impressive. Nice dark green foliage.

Observation Date of Flowers: 4/16/2018

Flower Color: yellow

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 95-100%

Bloom Stage: Flowers open

Comments on Flowers: Large flowers with vibrant color and very abundant.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forsythia x intermedia **Variety:** -0-
Cultivar: Spring Glory **Family:** Oleaceae **Tsnum:** 83203
Common Name: Spring Glory Border Forsythia
Source: Monrovia Growers **Quantity observed:** 1 **Location:** B8

Observation Date of Plant: 9/4/2017

Plant Habit: Irregular, upright

Plant Height: 4-6 ft.

Plant Width: 6-9 ft.

Current Seasons Growth: 3-5 ft.

Foliage Color: Dark Green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: May be getting too much shade from nearby trees.

Nuisances:

Recommended: Marginal

Comments on plant: Rejuvenated in 2008. Looks very leggy still in 2017.

Observation Date of Flowers: 4/16/2018

Flower Color: yellow

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers: Uniform flower coverage

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Forsythia x intermedia **Variety:** -0-
Cultivar: Sunrise **Family:** Oleaceae **Tsnum:** 82124
Common Name: Sunrise Border Forsythia
Source: Mount Arbor Nursery **Quantity observed:** 3 **Location:** C7

Observation Date of Plant: 9/4/2017

Plant Habit: Broad oval

Plant Height: 4-6 ft.

Plant Width: 10-12 ft.

Current Seasons Growth: 1-3 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 4/16/2018

Flower Color: yellow

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 90-100%

Bloom Stage: Flowers open

Comments on Flowers: Relatively shorter petals but a lot of them.

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Bronze/purple

Date of observation: 10/28/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus **Variety:**
Cultivar: Northern Treasure **Family:** Oleaceae **Tsnum:** 00068
Common Name: Northern Treasure Ash
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** B8

Observation Date of Plant: 9/4/2017

Plant Habit: Upright oval

Plant Height: 50-60 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Would probably be wider if not crowded by neighboring trees.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: yellow

Date of observation: 9/20/2004

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Fraxinus americana **Variety:** -0-
Cultivar: Autumn Applause **Family:** Oleaceae **Tsnum:** 91070
Common Name: Autumn Applause White Ash
Source: A. McGill & Son Nursery **Quantity observed:** 1 **Location:** SC03-07

Observation Date of Plant: 9/24/2017
Plant Habit: Upright oval becoming round
Plant Height: 18-24 ft.
Plant Width: 18-24 ft.
Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in 2003 due to unavoidable construction. Canopy looks fine but canker wounds on upper main trunk killed central leader. Lower laterals are taking over. Still looks okay generally.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Yellow, purple

Date of observation: 10/9/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus americana **Variety:** -0-
Cultivar: Autumn Blaze **Family:** Oleaceae **Tsnum:** 86155
Common Name: Autumn Blaze White Ash
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** B9

Observation Date of Plant: 9/14/2017

Plant Habit: Upright oval

Plant Height: 50-60 ft.

Plant Width: 40-50 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Very nice growth habit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 10/6/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus americana **Variety:** -0-
Cultivar: Autumn Purple **Family:** Oleaceae **Tsnum:** 78161
Common Name: Autumn Purple White Ash
Source: Milton Nursery **Quantity observed:** 1 **Location:** B8

Observation Date of Plant: 9/4/2017

Plant Habit: Upright oval to round

Plant Height: 50-60 ft.

Plant Width: 45-55 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Has an large canker at base of tree but not sure if active. Doesn't look very active. Canopy does have some dead branches but could also be from shading out.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: purple, yellow

Date of observation: 9/23/2004

Persistence: 2-4 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus americana **Variety:**
Cultivar: Chicago Regal **Family:** Oleaceae **Tsnum:** 96123
Common Name: Chicago Regal Ash
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC3-8

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 22-27 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in 2003 due to unavoidable construction. Attractive growth habit but canopy seems a little thin from unknown cause.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: purple, rose, yellow

Date of observation: 10/9/2017

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Fraxinus americana **Variety:**
Cultivar: Empire **Family:** Oleaceae **Tsnum:** 96135
Common Name: Empire White Ash
Source: Schichtel's Nursery **Quantity observed:** 1 **Location:** A8

Observation Date of Plant: 8/31/2017

Plant Habit: Upright oval

Plant Height: 50-60 ft.

Plant Width: 35-45 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Moderate to severe injury

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Canopy still looks good although canker on trunk appears to be about 2/3 around the trunk but it may have been compartmentalized since it looks like it has new wood closing in around the edge. Structural failure may be a problem in the

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Fraxinus americana **Variety:**
Cultivar: Empire **Family:** Oleaceae **Tsnum:** 96124
Common Name: Empire White Ash
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC3-9

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 22-27 ft.

Plant Width: 12-18 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in 2003 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/9/2017

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: Dark purple, not very vibrant

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Fraxinus americana **Variety:**
Cultivar: Northern Blaze **Family:** Oleaceae **Tsnum:** 07138
Common Name: Northern Blaze White Ash
Source: Plant Select Multisite Study **Quantity observed:** 1 **Location:** SC3-1

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 18-24 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Slight injury

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: fair

Fall Color: yellow, brown

Date of observation: 10/9/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus americana **Variety:**
Cultivar: Northern Gem **Family:** Oleaceae **Tsnum:** 99011
Common Name: Northern Gem White Ash
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** SC5-13

Observation Date of Plant: 9/29/2017

Plant Habit: Upright oval

Plant Height: 12-15 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 1-3 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Residential street, specimen, shade tree

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Moved in 2003 due to unavoidable construction. About half of canopy died and smaller branches have many small holes from insects.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Golden yellow

Date of observation: 9/23/2009

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Fraxinus americana **Variety:** -0-
Cultivar: Rosehill **Family:** Oleaceae **Tsnum:** 88056
Common Name: Rosehill White Ash
Source: A. McGill & Son Nursery **Quantity observed:** 1 **Location:** A9

Observation Date of Plant: 8/31/2017

Plant Habit: Round

Plant Height: 40-50 ft.

Plant Width: 40-50 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus americana **Variety:**
Cultivar: Royal Purple **Family:** Oleaceae **Tsnum:** 06011
Common Name: Royal Purple White Ash
Source: Carlton Plants **Quantity observed:** 1 **Location:** SC05-14

Observation Date of Plant: 9/29/2017

Plant Habit: Upright oval

Plant Height: 15-20 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2009.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Dark purple

Date of observation: 10/13/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus americana **Variety:** -0-
Cultivar: Skyline **Family:** Oleaceae **Tsnum:** 86192
Common Name: Skyline White Ash
Source: Schichtel's Nursery **Quantity observed:** 1 **Location:** A8

Observation Date of Plant: 8/31/2017

Plant Habit: Upright oval

Plant Height: 50-60 ft.

Plant Width: 45-55 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Slight suckering.

Recommended: Yes

Comments on plant: Growth habit is very attractive. Has old wound at base of trunk from unknown cause but seems to be closing over. May create structural problem later.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/9/2003

Aesthetics: Excellent

Persistence: 1-2 weeks

Fall Color: creamy yellow, orange

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus americana **Variety:**
Cultivar: Tures **Family:** Oleaceae **Tsnum:** 95036
Common Name: Windy City Ash
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC3-10,11

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval to round

Plant Height: 22-27 ft.

Plant Width: 18-24 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Fair

Fruit Present: Few

Fruit Color: Green turning to tan

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Moderate injury but may have been contained

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Moved in 2003 due to unavoidable construction. Both have cankers on trunk which probably are reducing vigor. Still looks tolerable but weaker than the average ash tree.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/9/2017

Aesthetics: Excellent

Persistence: 1-2 weeks

Fall Color: orange, yellow, purple

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Fraxinus excelsior **Variety:**
Cultivar: **Family:** Oleaceae **Tsnum:** 04040
Common Name: Common Ash
Source: USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** A8, B7, B9

Observation Date of Plant: 8/31/2017

Plant Habit: Upright oval

Plant Height: 12-18 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 12-18 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2010. One tree seems to have blotchy foliage from unknown cause.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Fraxinus excelsior **Variety:** -0-
Cultivar: Kimberly Blue **Family:** Oleaceae **Tsnum:** 78164
Common Name: Kimberly Blue European Ash
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A7

Observation Date of Plant: 8/31/2017
Plant Habit: Round becoming broad oval
Plant Height: 45-55 ft.
Plant Width: 45-55 ft.
Current Seasons Growth: 10-15 in.

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair to good
Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances: Slight suckering
Recommended: Yes

Comments on plant: Overall, the tree is somewhat disfigured by storm damage.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit:
Aesthetics:
Fall Color:

Date of observation:
Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus hybrid **Variety:**
Cultivar: Northern Gem **Family:** Oleaceae **Tsnum:** 00060
Common Name: Northern Gem Ash
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** SC5-6

Observation Date of Plant: 9/29/2017

Plant Habit: Upright oval or round

Plant Height: 8-12 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 1-3 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Residential street, specimen, shade tree

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Severe injury

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: 50-70% of canopy is dead probably from canker.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair to good

Fall Color: Yellow

Date of observation: 9/23/2009

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus mandshurica **Variety:** -0-
Cultivar: -0- **Family:** Oleoaceae **Tsnum:** 91132
Common Name: Manchurian Ash
Source: Schichtel's Nursery **Quantity observed:** 2 **Location:** SC03-12,13

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 18-24 ft.

Plant Width: 15-20 ft

Current Seasons Growth: 2-4 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, specimen

Overall Plant Health: Poor to fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker on lateral branches of one tree

Disease Severity: Slight to moderate injury

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Growth habit is very uniform and attractive although vigor is fairly low for unknown reason.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Yellow

Date of observation: 10/9/2017

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Fraxinus mandshurica **Variety:** -0-
Cultivar: Moncana **Family:** Oleaceae **Tsnum:** 87089
Common Name: Moncana Manchurian Ash
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** A9, A8

Observation Date of Plant: 8/1/2017
Plant Habit: Upright oval, narrow
Plant Height: 40-50 ft.
Plant Width: 25-35 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Residential street, specimen

Overall Plant Health: Fair
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Has some included bark in a major branch. Growth habit is distorted by past snow load.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus nigra **Variety:**
Cultivar: **Family:** Oleaceae **Tsnum:** 99005
Common Name: Black Ash
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC04-2, 3

Observation Date of Plant: 9/28/2017

Plant Habit: Upright oval

Plant Height: 15-20 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair or poor

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair to poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Planted in arboretum in 2004. Top half of one tree looks dead from unknown cause and was removed in 2017. Vigor is low on remaining tree..

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 9/29/2009

Aesthetics: Fair to poor

Persistence: 1-2 weeks

Fall Color: yellow, green

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus pennsylvanica **Variety:** -0-
Cultivar: Rugby **Family:** Oleaceae **Tsnum:** 89116
Common Name: Prairie Spire Green Ash
Source: Bailey Nurseries **Quantity observed:** 3 **Location:** C9, B9

Observation Date of Plant: 8/31/2017

Plant Habit: Upright oval

Plant Height: 40-45 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, narrow spaces

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is a little more open due to snow load over the years.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: golden yellow

Date of observation: 10/18/2011

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus pennsylvanica **Variety:** -0-
Cultivar: Aerial **Family:** Oleaceae **Tsnum:** 92067
Common Name: Aerial Ash
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC03-15, 16

Observation Date of Plant: 9/24/2017

Plant Habit: Upright oval

Plant Height: 20-28 ft.

Plant Width: 18-25 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests: Borers

Pest Severity: Slight injury on one tree and moderate on second.

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Moved in 2003 due to unavoidable construction. Plants have very little growth. One of two trees has swelling on the trunk but suspect it may be borers. One of two trees has a very twiggy growth habit compared to second tree for unknown

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: yellow, light green

Date of observation: 10/9/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus pennsylvanica **Variety:**
Cultivar: Centerpoint **Family:** Oleaceae **Tsnum:** 96126
Common Name: Centerpoint Ash
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC4-7

Observation Date of Plant: 9/29/2017
Plant Habit: Upright oval becoming round
Plant Height: 18-25 ft.
Plant Width: 15-20 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good
Fruit Present: None
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Moved in 2003 due to unavoidable construction.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 10/10/2017
Aesthetics: Good **Persistence:** 1-2 weeks
Fall Color: Yellow

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Fraxinus pennsylvanica **Variety:**
Cultivar: Cimmzam **Family:** Oleaceae **Tsnum:** 94030
Common Name: Cimmaron Green Ash
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC4-8

Observation Date of Plant: 9/30/2017

Plant Habit: Upright oval

Plant Height: 30-35 ft.

Plant Width: 15-22 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Medium to dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests: Borers

Pest Severity: Slight injury

Plant Disease: Canker

Disease Severity: Appears to have been contained.

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in 2003 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: orange, yellow

Date of observation: 10/8/2009

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Fraxinus pennsylvanica **Variety:** -0-
Cultivar: Dakota Centennial **Family:** Oleaceae **Tsnum:** 89115
Common Name: Dakota Centennial Green Ash
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** B7, B6

Observation Date of Plant: 9/4/2017

Plant Habit: Upright oval

Plant Height: 50-60 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: This plant has a fairly narrow growth habit with a strong central leader.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good to excellent

Fall Color: Golden yellow

Date of observation: 9/23/2009

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus pennsylvanica **Variety:** -0-
Cultivar: Emerald **Family:** Oleaceae **Tsnum:** 83133
Common Name: Emerald Green Ash
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A8

Observation Date of Plant: 8/31/2017

Plant Habit: Upright oval

Plant Height: 50-60 ft.

Plant Width: 45-55 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Bark seems thicker and more deeply fissured than most. Growth habit is a little distorted by past snow load but still looks acceptable.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus pennsylvanica **Variety:** -0-
Cultivar: Kindred **Family:** Oleaceae **Tsnum:** 82107
Common Name: Kindred Green Ash
Source: Cross Nurseries Inc. **Quantity observed:** 2 **Location:** B8, B7

Observation Date of Plant: 9/4/2017

Plant Habit: Upright oval

Plant Height: 40-50 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of two trees seems to have about 20% canopy dieback from unknown cause. Second tree looks good.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: bright yellow

Date of observation: 10/9/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus pennsylvanica **Variety:**
Cultivar: Kohler **Family:** Oleaceae **Tsnum:** 94025
Common Name: Kohler Green Ash
Source: Discover-Tree Research **Quantity observed:** 2 **Location:** SC4-13,14

Observation Date of Plant: 9/28/2017
Plant Habit: Upright oval becoming round
Plant Height: 15-20 ft.
Plant Width: 22-18 ft
Current Seasons Growth: 6-10 in.

Foliage Color: Medium to light green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen

Overall Plant Health: Fair
Fruit Present: None
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease: Canker
Disease Severity: Appears to have been contained.
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Moved in 2003 due to unavoidable construction.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 10/3/2017
Aesthetics: Good **Persistence:** 1-2 weeks
Fall Color: Russet red with a little bit of purple. Not

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus pennsylvanica **Variety:**
Cultivar: Leeds **Family:** Oleaceae **Tsnum:** 94056
Common Name: Prarie Dome Ash
Source: Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** SC4-15

Observation Date of Plant: 9/29/2017

Plant Habit: Upright oval

Plant Height: 15-20 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, shade tree

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in 2003 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Golden yellow

Date of observation: 10/3/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus pennsylvanica **Variety:**
Cultivar: National 1999 **Family:** Oleaceae **Tsnum:** 01003
Common Name: Champtree Green Ash
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC4-4, 5-4

Observation Date of Plant: 9/29/2017

Plant Habit: Round or upright oval

Plant Height: 20-30 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Vigor is excellent along with form. One tree is probably 20% larger than the other from unknown cause.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 10/13/2017

Aesthetics: Fair - just barely starting **Persistence:** 1-2 weeks

Fall Color: yellow

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus pennsylvanica **Variety:**
Cultivar: Patmore **Family:** Oleaceae **Tsnum:** 95164
Common Name: Patmore Green Ash
Source: 1995 Roberta Tolan Thesis **Quantity observed:** 3 **Location:** SC4-16, SC5-7,8

Observation Date of Plant: 9/29/2017

Plant Habit: Upright oval

Plant Height: 30-40 ft.

Plant Width: 20-27 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in 2003 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 10/3/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus pennsylvanica **Variety:**
Cultivar: Rugby **Family:** Oleaceae **Tsnum:** 99006
Common Name: Prairie Spire Ash
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC5-9,10

Observation Date of Plant: 9/29/2017

Plant Habit: Upright oval

Plant Height: 20-25 ft.

Plant Width: 12-16 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in 2003 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 9/28/2009

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Fraxinus pennsylvanica **Variety:**
Cultivar: Sherwood Glen **Family:** Oleaceae **Tsnum:** 99039
Common Name: Sherwood Glen Green Ash
Source: Carlton Plants **Quantity observed:** 4 **Location:** SC004-1, 9, 10, SC05

Observation Date of Plant: 9/30/2017

Plant Habit: Upright oval

Plant Height: 18-25 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in 2003 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 9/20/2009

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus pennsylvanica **Variety:** -0-
Cultivar: Wahpeton **Family:** Oleaceae **Tsnum:** 93091
Common Name: Dakota Centennial Green Ash
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC05-11

Observation Date of Plant: 9/29/2017

Plant Habit: Upright oval

Plant Height: 30-40 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 1-3 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair to poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Vigor is very low and seems to be in decline.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus pennsylvanica **Variety:**
Cultivar: Watson **Family:** Oleaceae **Tsnum:** 02025
Common Name: Prairie Splendor Ash
Source: Carlton Plants **Quantity observed:** 2 **Location:** SC04-5,6

Observation Date of Plant: 9/29/2017
Plant Habit: Upright oval or pyramidal
Plant Height: 20-26 ft.
Plant Width: 20-28 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2003. Canopy is dense and bushy and very uniform.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: yellow

Date of observation: 10/2/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Fraxinus x
Cultivar: Northern Treasure **Family:** Oleaceae **Variety:**
Common Name: Northern Treasure Ash **Tsnum:** 00061
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** SC05-02

Observation Date of Plant: 9/29/2017

Plant Habit: Round

Plant Height: 8-12 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 2-4 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Fair to poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Severe injury

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Low vigor.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Yellow

Date of observation: 10/2/2009

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Genista radiata **Variety:**
Cultivar: **Family:** Leguminosae **Tsnum:** 02090
Common Name: Broom
Source: Plant Select **Quantity observed:** 1 **Location:** D6

Observation Date of Plant: 9/29/2018

Plant Habit: Irregular

Plant Height: 2-3 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 8-15 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to poor

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Too much shade from nearby plants

Nuisances:

Recommended: Marginal

Comments on plant: Gets winter some dieback and is a little leggy but may look better in full sun.

Observation Date of Flowers: 5/29/2006

Flower Color: Yellow

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 20-30%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Genista tinctoria **Variety:** -0-
Cultivar: -0- **Family:** Leguminosae **Tsnum:** 85147
Common Name: Broom
Source: Burr Oak Nursery **Quantity observed:** 3 **Location:** E7, E8

Observation Date of Plant: 10/1/2018
Plant Habit: Broad oval
Plant Height: 3 - 4 ft.
Plant Width: 6-9 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair
Fruit Present: Unimportant
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Marginal
Comments on plant: These often requires regular pruning to remove dieback.

Observation Date of Flowers: 7/2/2003
Flower Color: Yellow
Flower Type: Cluster
Flower Effect: Excellent
% of Flower Coverage: 76-100%
Bloom Stage: Flowers open
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Genista tinctoria **Variety:** -0-
Cultivar: Golden Dwarf **Family:** Leguminosae **Tsnum:** 80142
Common Name: Golden Dwarf Broom
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** E7

Observation Date of Plant: 10/1/2018

Plant Habit: Broad oval

Plant Height: 3 - 4 ft.

Plant Width: 6-10 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit sometimes becomes open but looks good since 2014.

Observation Date of Flowers: 7/8/2003

Flower Color: Yellow

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Genista tinctoria **Variety:**
Cultivar: Poltava **Family:** Fabaceae **Tsnum:** 01027
Common Name: Poltava Woadwaxen
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** D6

Observation Date of Plant: 9/29/2018

Plant Habit: Irregular to broad oval

Plant Height: 3-4 ft.

Plant Width: 6-10 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Suckering, colonizes an area

Recommended: Yes

Comments on plant: Planted in arboretum in 2003. 5/23/06 - Severe dieback during winter of -16F but has been fine last few years. May look better in full sun.

Observation Date of Flowers: 7/8/2003

Flower Color: Yellow

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 50-60%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Genista tinctoria **Variety:**
Cultivar: Sumy **Family:** Fabaceae **Tsnum:** 01026
Common Name: Sumy Woadwaxen
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A6

Observation Date of Plant: 10/1/2018

Plant Habit: Broad oval

Plant Height: 2 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to poor

Fruit Present: Few, not attractive

Fruit Color: green/brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ginkgo bilboa **Variety:**
Cultivar: Saratoga **Family:** Ginkgoaceae **Tsnum:** 95096
Common Name: Saratoga Maidenhair Tree
Source: Monrovia Growers **Quantity observed:** 1 **Location:** D1

Observation Date of Plant: 9/15/2017

Plant Habit: Upright oval

Plant Height: 12-18 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Canopy is dense and full but not very uniform.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Yellow

Date of observation: 10/28/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ginkgo biloba **Variety:**
Cultivar: **Family:** Ginkgoaceae **Tsnum:** 10032
Common Name: Maidenhair-tree
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** D0, E1

Observation Date of Plant: 9/13/2017

Plant Habit: Upright oval

Plant Height: 4-6 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012. Most of growth is on lateral branches and only about 6 inches on central leader.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ginkgo biloba **Variety:** -0-
Cultivar: -0- **Family:** Ginkgoaceae **Tsnum:** 78170
Common Name: Ginkgo
Source: Unknown **Quantity observed:** 1 **Location:** E1

Observation Date of Plant: 10/9/2017

Plant Habit: Upright oval

Plant Height: 35-42 ft.

Plant Width: 20-25 ft

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is less dense and uniform as cultivars but still looks good.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ginkgo biloba **Variety:** -0-
Cultivar: Fairmont **Family:** Ginkgoaceae **Tsnum:** 80044
Common Name: Fairmont Ginkgo
Source: Hines Nursery **Quantity observed:** 1 **Location:** E0

Observation Date of Plant: 10/7/2017

Plant Habit: Upright oval

Plant Height: 35-42 ft.

Plant Width: 30-35 ft

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ginkgo biloba **Variety:**
Cultivar: Golden Globe **Family:** Ginkgoaceae **Tsnum:** 07023
Common Name: Golden Globe Ginkgo
Source: Femrite Nursery Company **Quantity observed:** 2 **Location:** E0, E1

Observation Date of Plant: 10/9/2017

Plant Habit: Upright oval

Plant Height: 6-7 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium yellow/green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ginkgo biloba **Variety:**
Cultivar: Jade Butterfly **Family:** Ginkgoaceae **Tsnum:** 15085
Common Name: Jade Butterfly Maidenhair Tree
Source: Monrovia Growers **Quantity observed:** 2 **Location:** D0, E0

Observation Date of Plant: 9/13/2017

Plant Habit: Young, undefined

Plant Height: 3-4 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in Fall 2016 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ginkgo biloba **Variety:**
Cultivar: Jfs-uga2 **Family:** Ginkgoaceae **Tsnum:** 06025
Common Name: Golden Colonnade Ginkgo
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** E1

Observation Date of Plant: 10/8/2017

Plant Habit: Upright oval

Plant Height: 6-8 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2010.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ginkgo biloba **Variety:**
Cultivar: Jfs-uga2 **Family:** Ginkgoaceae **Tsnum:** 06025
Common Name: Golden Colonnade Ginkgo
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** E1

Observation Date of Plant: 10/8/2017

Plant Habit: Irregular

Plant Height: 5-6 ft.

Plant Width: 5-8ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012. Tip of central leader appears to have died at early age so it may take a while to establish a good growth habit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ginkgo biloba **Variety:**
Cultivar: JFS-UGA2 **Family:** Ginkgoaceae **Tsnum:** 09015
Common Name: Golden Colonnade Ginkgo
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** E1

Observation Date of Plant: 10/8/2017

Plant Habit: Irregular

Plant Height: 4-5 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Growth habit is a little stunted from being in lathhouse too long.

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012. Appears to have lost top tip of central leader at early age and a new one needs to be trained.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ginkgo biloba **Variety:**
Cultivar: Magyar **Family:** Ginkgoaceae **Tsnum:** 01047
Common Name: Magyar Ginko
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** E0

Observation Date of Plant: 10/9/2017

Plant Habit: Upright oval

Plant Height: 5-7 ft.

Plant Width: 4-5 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Was in lathhouse too long.

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ginkgo biloba **Variety:** -0-
Cultivar: Princeton Sentry **Family:** Ginkgoaceae **Tsnum:** 89117
Common Name: Princeton Sentry Ginkgo
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** E0

Observation Date of Plant: 10/4/2017

Plant Habit: Upright oval

Plant Height: 18-24 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of two trees has less vigor - probably due to irrigation problem at edge of arboretum. Smaller tree still looks good.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ginkgo biloba **Variety:**
Cultivar: Shangri-La **Family:** Ginkgoaceae **Tsnum:** 02007
Common Name: Shangri-La Ginkgo
Source: Femrite Nursery Company **Quantity observed:** 1 **Location:** E0

Observation Date of Plant: 10/9/2017

Plant Habit: Upright oval

Plant Height: 6-7 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Light green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012. Would probably look better if planted in full sun and if not on edge of arboretum where irrigation is less uniform.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ginkgo biloba **Variety:**
Cultivar: The President **Family:** Ginkgoaceae **Tsnum:** 07053
Common Name: Presidential Gold Ginkgo
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** D0

Observation Date of Plant: 9/14/2017

Plant Habit: Upright oval

Plant Height: 5-6 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Light green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ginkgo biloba **Variety:**
Cultivar: The President **Family:** Ginkgoaceae **Tsnum:** 08004
Common Name: Presidential Gold Ginkgo
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** D0

Observation Date of Plant: 9/13/2017

Plant Habit: Upright oval

Plant Height: 5-7 ft.

Plant Width: 4-5 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. Slight suckering.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ginkgo biloba **Variety:**
Cultivar: Woodstock **Family:** Ginkgoaceae **Tsnum:** 04023
Common Name: Emperor Ginko
Source: Femrite Nursery Company **Quantity observed:** 1 **Location:** SC09-16

Observation Date of Plant: 10/3/2018
Plant Habit: Upright oval or irregular
Plant Height: 7-9 ft.
Plant Width: 4-6 ft.
Current Seasons Growth: 10-15 in.

Foliage Color: Light green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2008. Looks a little leggy but should improve with time.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Gleditsia triacanthos inermis **Variety:**
Cultivar: **Family:** Leguminosae **Tsnum:** 76063
Common Name: Honeylocust
Source: n/a **Quantity observed:** 1 **Location:** D3

Observation Date of Plant: 9/23/2017

Plant Habit: Round to upright oval

Plant Height: 50-60 ft.

Plant Width: 40-50 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Street tree, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Gleditsia triacanthos inermis **Variety:**
Cultivar: Draves **Family:** Fabaceae **Tsnum:** 10019
Common Name: Street Keeper Honeylocust
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** D5, C6

Observation Date of Plant: 9/27/2018

Plant Habit: Young, upright oval

Plant Height: 10-15 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 8-14 in

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: One of two trees is crowded from nearby tree.

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 11/4/2015

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Gleditsia triacanthos inermis **Variety:** inermis
Cultivar: Imperial **Family:** Leguminosae **Tsnum:** 78172
Common Name: Imperial Thornless Honeylocust
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** C7

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval or irregular

Plant Height: 45-55 ft.

Plant Width: 40-50 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Yellow

Date of observation: 10/1/2016

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Gleditsia triacanthos inermis **Variety:** inermis
Cultivar: Moraine **Family:** Leguminosae **Tsnum:** 78173
Common Name: Moraine Thornless Honeylocust
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** C7

Observation Date of Plant: 9/27/2018
Plant Habit: Upright oval becoming irregular
Plant Height: 50-60 ft.
Plant Width: 40-50 ft.
Current Seasons Growth: 10-18 in.

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good
Fruit Present: None
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant:

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 10/9/2003
Aesthetics: Fair **Persistence:** 1-2 weeks
Fall Color: Yellow

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Gymnocladus **Variety:**
Cultivar: True North **Family:** Fabaceae **Tsnum:** 16002
Common Name: True North Kentucky Coffee Tree
Source: Carlton Plants **Quantity observed:** 2 **Location:** HG, C7

Observation Date of Plant: 9/27/2018
Plant Habit: Upright oval
Plant Height: 7-10 ft.
Plant Width: 3-5 ft.
Current Seasons Growth: 5-10 in

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Coarse
Aesthetic Plant Quality: Good
Landscape Uses: Shade tree, specimen

Overall Plant Health: Good
Fruit Present: None
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Planted in 2017.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Gymnocladus dioicus **Variety:** -0-
Cultivar: -0- **Family:** Leguminosae **Tsnum:** 78174
Common Name: Kentucky Coffeetree
Source: Bath Nursery **Quantity observed:** 2 **Location:** D6

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 50-60 ft.

Plant Width: 35-45 ft.

Current Seasons Growth: 1 - 2 ft.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Seed pods have to be raked

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Yellow

Date of observation: 10/12/2012

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Halesia carolina **Variety:**
Cultivar: Rosy Ridge **Family:** Styracaceae **Tsnum:** 12035
Common Name: Rosy Ridge Silverbell
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A7

Observation Date of Plant: 8/31/2017

Plant Habit: Upright oval

Plant Height: 5-6 ft.

Plant Width: 4-5 ft.

Current Seasons Growth: 2-4 in

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen

Overall Plant Health: Fair to poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2014. Low vigor from unknown cause. May have been in too much shade from nearby tree which was removed in 2017 so it may start improving with more sun.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Halimodendron halodendron **Variety:** -0-
Cultivar: -0- **Family:** Leguminosae **Tsnum:** 78214
Common Name: Salt Tree
Source: -0- **Quantity observed:** 1 **Location:** E5, E6

Observation Date of Plant: 9/29/2018
Plant Habit: Irregular
Plant Height: 4-5 ft.
Plant Width: 5-7 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium blue/green
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Fair
Landscape Uses: Barrier, specimen, shrub border

Overall Plant Health: Fair
Fruit Present: Abundant, unattractive
Fruit Color: Brown
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems: Severe lodging to the south.

Nuisances:

Recommended: Marginal

Comments on plant: Seeds hanging on tree eventually become unattractive and may be removed for aesthetics and to prevent self seeding. Spines are very sharp. Crowded by neighboring plants.

Observation Date of Flowers: 6/2/2006

Flower Color: Pink/lavender

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 70-80%

Bloom Stage: Flowers open

Comments on Flowers: Relatively small flowers and foliage give a very delicate appearance.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hamamelis virginiana **Variety:** -0-
Cultivar: -0- **Family:** Hamamelidaceae **Tsnum:** 85098
Common Name: Common Witchhazel
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** C5, D5

Observation Date of Plant: 9/23/2017

Plant Habit: Irregular to upright oval

Plant Height: 8-12 ft.

Plant Width: 7-10 ft

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Inadequate irrigation system, soil pH is high

Nuisances:

Recommended: No

Comments on plant: Moderate to severe chlorosis due to high soil pH.

Observation Date of Flowers: 11/25/2005

Flower Color: Light Yellow

Flower Type: cluster

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Golden yellow

Date of observation: 10/28/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hedera helix **Variety:** -0-
Cultivar: Bulgaria **Family:** Araliaceae **Tsnum:** 82065
Common Name: Bulgarian English Ivy
Source: Monrovia Growers **Quantity observed:** 3 **Location:** CFA

Observation Date of Plant: 9/5/2018
Plant Habit: Creeping (ground cover)
Plant Height: <0.5 ft.
Plant Width: 10 - 20 ft.
Current Seasons Growth: 1 - 2 ft.

Foliage Color: Dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Ground cover, specimen

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in fall of 2016 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Helichrysum flanaganii **Variety:**
Cultivar: **Family:** Asteraceae **Tsnum:** 16088
Common Name: Strawflower
Source: Plant Select Trials **Quantity observed:** 1 **Location:** F14

Observation Date of Plant: 11/5/2018

Plant Habit: Young, undefined

Plant Height: 4-5 ft.

Plant Width: 1-2 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good to fair

Landscape Uses: Specimen, xeric areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend. Growth habit is a little leggy.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Heptacodium micorioides **Variety:**
Cultivar: **Family:** Caprifoliaceae **Tsnum:** 06034
Common Name: Seven-Son Flower
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC10-14, 15

Observation Date of Plant: 10/3/2018

Plant Habit: Upright oval

Plant Height: 10-15 ft.

Plant Width: 9-12 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Excellent

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Abundant impressive long lasting color

Fruit Color: Rosy red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted into arboretum Fall 2006. First significant flowering since it was planted was in 2010 so it may take time to get established but it is well worth the wait.

Observation Date of Flowers: 8/1/2007

Flower Color: White

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 20-25%

Bloom Stage: Flowers open

Comments on Flowers: Few flowers since the establishment process is still occurring.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Heptacodium micorioides **Variety:**
Cultivar: **Family:** Caprifoliaceae **Tsnum:** 11113
Common Name: Seven-son Flower
Source: Garden and Home Show **Quantity observed:** 1 **Location:** G3

Observation Date of Plant: 10/9/2017

Plant Habit: Round

Plant Height: 8-10 ft.

Plant Width: 8-12 ft

Current Seasons Growth: 12-24 in

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011.

Observation Date of Flowers: 10/15/2015

Flower Color: White / red

Flower Type: Cluster

Flower Effect: Very showy

% of Flower Coverage: 30%

Bloom Stage: Past peak but

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Hibiscus syriacus **Variety:**
Cultivar: Blushing Bride **Family:** Malvaceae **Tsnum:** 15073
Common Name: Blushing Bride Rose-of-Sharon
Source: Carlton Plants **Quantity observed:** 1 **Location:** F7

Observation Date of Plant: 10/3/2018

Plant Habit: Upright oval

Plant Height: 5-7 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hibiscus syriacus **Variety:**
Cultivar: Notwoodone **Family:** Malvaceae **Tsnum:** 15061
Common Name: Lavender Chiffon Althea
Source: J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** F7

Observation Date of Plant: 10/3/2018

Plant Habit: Upright oval

Plant Height: 4-6 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in Fall 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hippophae rhamnoides **Variety:**
Cultivar: Sprite **Family:** Elaeagnaceae **Tsnum:** 96117
Common Name: Sprite Seabuckthorn
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** F6

Observation Date of Plant: 10/2/2018

Plant Habit: Irregular, upright

Plant Height: 5-7 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Dark gray/green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Barrier, specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Doing fairly well for being in a difficult to irrigate area. Looks better after nearby plants removed giving it more space.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hydrangea arborescens **Variety:** -0-
Cultivar: Annabelle **Family:** Saxifragaceae **Tsnum:** 83150
Common Name: Annabelle Smooth Hydrangea
Source: Jewell Nursery, Inc. **Quantity observed:** 3 **Location:** E6

Observation Date of Plant: 10/1/2018

Plant Habit: Upright

Plant Height: 3 - 5 ft.

Plant Width: 8-12 ft

Current Seasons Growth: 3 - 4 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Dies back to the ground each year but comes back vigorously.

Observation Date of Flowers: 7/22/2004

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hydrangea arborescens **Variety:**
Cultivar: Jm 2004004 **Family:** Hydrangeaceae **Tsnum:** 06040
Common Name: Hydrangea
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** D7

Observation Date of Plant: 9/30/2018

Plant Habit: Broad oval

Plant Height: 2 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Would probably look better if not growing in too much shade from nearby plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Hydrangea arborescens **Variety:**
Cultivar: SMHAMWM' **Family:** Hydrangeaceae **Tsnum:** 18051
Common Name: Seaside Serenade® Bar Harbor Hydrangea
Source: Monrovia Growers **Quantity observed:** 2 **Location:** D6

Observation Date of Plant: 9/29/2018

Plant Habit: Young, undefined

Plant Height: 2 ft

Plant Width: 2-3 ft.

Current Seasons Growth: 12-18 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hydrangea macrophylla **Variety:**
Cultivar: Endless Summer **Family:** Hydrangeaceae **Tsnum:** 03120
Common Name: Endless Summer Hydrangea
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** D7

Observation Date of Plant: 9/3/2018

Plant Habit: Round

Plant Height: 2-4 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 1 - 3 ft.

Foliage Color: Light green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: May require a lot more irrigation or sunlight. No flowers in 2010, 2012, 2014 or 2018. Few flowers in 2016.

Observation Date of Flowers: 9/1/2004

Flower Color: Pink

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 0-10%

Bloom Stage: Flowers open

Comments on Flowers: No sign of flowering in 2012.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Hydrangea macrophylla **Variety:**
Cultivar: Glowering Embers **Family:** Hydrangeaceae **Tsnum:** 12019
Common Name: Glowing Embers Hydrangea
Source: Forrest Keeling Nursery **Quantity observed:** 2 **Location:** D6

Observation Date of Plant: 9/30/2018

Plant Habit: Mounding

Plant Height: 1-3 ft.

Plant Width: 2-4 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: Light green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2017. No blooms in 2018 - may be in too much shade.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Hydrangea macrophylla **Variety:**
Cultivar: Hot Rod 01-14 **Family:** Hydrangeaceae **Tsnum:** 17079
Common Name: Hot Rod Hydrangea
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** D7

Observation Date of Plant: 9/30/2018

Plant Habit: Young, undefined

Plant Height: 1 ft.

Plant Width: 2 ft.

Current Seasons Growth: 1 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hydrangea macrophylla **Variety:**
Cultivar: Monmar **Family:** Hydrangeaceae **Tsnum:** 16007
Common Name: Blue Enchantress Hydrangea
Source: Monrovia Growers **Quantity observed:** 2 **Location:** D6, D7

Observation Date of Plant: 9/27/2018

Plant Habit: Young undefined

Plant Height: 2-3 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2016 - too soon to recommend

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hydrangea macrophylla **Variety:**
Cultivar: Nikko Blue **Family:** Hydrangeaceae **Tsnum:** 12027
Common Name: Nikko Blue Hydrangea
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** D7

Observation Date of Plant: 9/27/2018

Plant Habit: Round

Plant Height: 2-3 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 1 - 2 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2012. No sign of flowers since planting - may need more sun.

Observation Date of Flowers: 10/1/2012

Flower Color: Purple/blue

Flower Type: Cluster

Flower Effect: Very showy

% of Flower Coverage: 70-80%

Bloom Stage: Past peak

Comments on Flowers: Very showy despite color fade from original color

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hydrangea macrophylla **Variety:**
Cultivar: Penny Mac **Family:** Hydrangeaceae **Tsnum:** 15102
Common Name: Penny Mac Hydrangea
Source: Forrest Keeling Nursery **Quantity observed:** 2 **Location:** D6

Observation Date of Plant: 9/29/2018

Plant Habit: Young undefined

Plant Height: 1-2 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 1 ft.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016. No blooms in 2018 - may be in too much shade from nearby plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hydrangea macrophylla **Variety:**
Cultivar: PIIHM-I **Family:** Hydrangeaceae **Tsnum:** 10111
Common Name: Twist-N-Shout Hydrangea
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** D7

Observation Date of Plant: 9/30/2018

Plant Habit: Upright, irregular

Plant Height: 2-3 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 1-3 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012. Hasn't had any flowers yet. May look better in full sun.

Observation Date of Flowers: 10/1/2012

Flower Color: Lavender

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 15-20%

Bloom Stage: Past peak

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Hydrangea paniculata **Variety:**
Cultivar: Bombshell **Family:** Hydrangeaceae **Tsnum:** 12108
Common Name: Bombshell Hydrangea
Source: Ball Horticultural Company **Quantity observed:** 2 **Location:** D7

Observation Date of Plant: 9/29/2018

Plant Habit: Young, undefined

Plant Height: 2-4 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013. Slowly getting established. Would probably have better vigor if growing in full sun.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hydrangea paniculata **Variety:**
Cultivar: Bulk **Family:** Hydrangeaceae **Tsnum:** 10027
Common Name: Quick Fire™ Hydrangea - Tree Form
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** F6

Observation Date of Plant: 10/1/2018

Plant Habit: Upright oval

Plant Height: 4-5 ft.

Plant Width: 2-4 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Light green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011.

Observation Date of Flowers: 8/25/2014

Flower Color: Pink blush

Flower Type: cluster

Flower Effect: Very good

% of Flower Coverage: 70-80%

Bloom Stage: Full bloom

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hydrangea paniculata **Variety:**
Cultivar: Bulk **Family:** Hydrangaceae **Tsnum:** 14010
Common Name: Quick Fire Hydrangea
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** D7, F7

Observation Date of Plant: 9/30/2018

Plant Habit: Upright oval

Plant Height: 4-5 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 8-12 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border, patio tree

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: One plant has 20-30% of canopy dead

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015 and another in 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Hydrangea paniculata **Variety:**
Cultivar: DVPinky **Family:** Hydrangaceae **Tsnum:** 14011
Common Name: Pinky Winky Hydrangea
Source: J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** D7, F7

Observation Date of Plant: 9/30/2018

Plant Habit: Upright oval

Plant Height: 5-6 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 12-18 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, patio tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Moderate on one plant (30% of canopy)

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015.

Observation Date of Flowers: 8/31/2016

Flower Color: dark pink with a little white

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 50-60%

Bloom Stage: Peak bloom

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hydrangea paniculata **Variety:**
Cultivar: Le Vesterival **Family:** Hydrangeaceae **Tsnum:** 12060
Common Name: Great Star Hydrangea
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** D7

Observation Date of Plant: 9/30/2018

Plant Habit: Irregular, upright

Plant Height: 3-5 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012. Died almost to ground the first winter otherwise has done well since.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hydrangea paniculata **Variety:**
Cultivar: PI 479427 **Family:** Hydrangeaceae **Tsnum:** 15100
Common Name: Panicle Hydrangea
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** D7

Observation Date of Plant: 9/30/2018

Plant Habit: Broad oval

Plant Height: 3 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 1 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016. Would probably look better if growing in full sun.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Hydrangea paniculata **Variety:**
Cultivar: Quick Fire **Family:** Hydrangeaceae **Tsnum:** 05088
Common Name: Quick Fire Hydrangea
Source: Proven Winners **Quantity observed:** 2 **Location:** D7, D8

Observation Date of Plant: 9/30/2018
Plant Habit: Upright oval becoming round
Plant Height: 3-4 ft.
Plant Width: 4-6 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Coarse
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: None
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Planted in 2007.

Observation Date of Flowers: 8/20/2014
Flower Color: Fading to pink
Flower Type: Cluster
Flower Effect: Good
% of Flower Coverage: 25.00%
Bloom Stage: Past peak
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hydrangea paniculata **Variety:**
Cultivar: Renhy **Family:** Hydrangeaceae **Tsnum:** 17095
Common Name: Vanilla Strawberry™ Hydrangea
Source: Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** D7

Observation Date of Plant: 9/30/2018

Plant Habit: Broad oval

Plant Height: 3 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers: 9/30/2018

Flower Color: Pink

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 20.00%

Bloom Stage: Full bloom

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hydrangea paniculata **Variety:**
Cultivar: Renhy **Family:** Hydrangeaceae **Tsnum:** 10112
Common Name: Vanilla Strawberry Hydrangea
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** F6

Observation Date of Plant: 10/2/2018

Plant Habit: Upright oval or irregular

Plant Height: 3-5 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 10-20 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. Tends to lodge due to weight of large blooms and overhead irrigation.

Observation Date of Flowers: 8/31/2016

Flower Color: Mostly white maturing to dark rose/pink

Flower Type: cluster

Flower Effect: Excellent

% of Flower Coverage: 50%

Bloom Stage: Full bloom

Comments on Flowers: Very showy

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hydrangea paniculata **Variety:**
Cultivar: Tardiva **Family:** Hydrangeaceae **Tsnum:** 98123
Common Name: Tardiva Panicle Hydrangea
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** E6, F6

Observation Date of Plant: 10/1/2018

Plant Habit: Round to broad oval

Plant Height: 4-6 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 12-18 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Showy blooms. Has slight chlorosis.

Observation Date of Flowers: 8/29/2016

Flower Color: White with pink blush

Flower Type: cluster

Flower Effect: Excellent

% of Flower Coverage: 50-75%

Bloom Stage: Flowers open

Comments on Flowers: Dependable for a good display of color.

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Yellow

Date of observation: 9/23/2004

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Hydrangea paniculata **Variety:**
Cultivar: Unique **Family:** Hydrangeaceae **Tsnum:** 09052
Common Name: Unique Late Pannicle Hydrangea
Source: Carlton Plants **Quantity observed:** 2 **Location:** D7, E7

Observation Date of Plant: 9/29/2018

Plant Habit: Broad oval

Plant Height: 4-5 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 12-24 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2010 and another in 2012.

Observation Date of Flowers: 9/15/2016

Flower Color: White with pink blush

Flower Type: cluster

Flower Effect: Good

% of Flower Coverage: 50%

Bloom Stage: Past peak

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Indigofera kirilowii **Variety:**
Cultivar: **Family:** Papilionoidae **Tsnum:** 02017
Common Name: Kirilow Indigo
Source: Sjulín Nurseries **Quantity observed:** 1 **Location:** F6

Observation Date of Plant: 10/2/2018

Plant Habit: Round

Plant Height: 3-4 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 2-3 ft.

Foliage Color: Light to medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Top is not hardy - will always need to cut to ground each winter. Moderately chlorotic.

Observation Date of Flowers: 6/5/2006

Flower Color: Lavender

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 50-70%

Bloom Stage: Flowers open

Comments on Flowers: Flowers are in long panicles that are very showy.

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Golden yellow

Date of observation: 9/26/2006

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: *Itea virginica* **Variety:**
Cultivar: HG x SE 01-09 **Family:** *Iteaceae* **Tsnum:** 18162
Common Name: First Editions® Love Child™ Sweetspire
Source: Bailey Nurseries **Quantity observed:** 4 **Location:** G3

Observation Date of Plant: 9/29/2018

Plant Habit: Young, undefined

Plant Height: 12-18 in.

Plant Width: 12-18 in

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Jamesia americana **Variety:**
Cultivar: **Family:** Hydrangeaceae **Tsnum:** 03161
Common Name: Wax Flower
Source: Fort Collins Nursery **Quantity observed:** 2 **Location:** G2

Observation Date of Plant: 10/8/2017

Plant Habit: Upright oval to round

Plant Height: 3-4 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, native planting, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2003.

Observation Date of Flowers: 6/1/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 30-40%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juglan regia **Variety:**
Cultivar: Carpathian **Family:** Juglandaceae **Tsnum:** 03035
Common Name: Carpathian English Walnut
Source: Forrest Keeling Nursery **Quantity observed:** 1 **Location:** C3

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval

Plant Height: 10-15 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Shade tree, wildlife

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juglans cinerea **Variety:** -0-
Cultivar: -0- **Family:** Juglandaceae **Tsnum:** 78175
Common Name: Butternut
Source: Western Evergreen Nursery **Quantity observed:** 1 **Location:** C5

Observation Date of Plant: 9/23/2017
Plant Habit: Round to broad oval, multistem
Plant Height: 30-40 ft.
Plant Width: 40-50 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Coarse
Aesthetic Plant Quality: Fair
Landscape Uses: Wildlife, large shade tree

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Appears to be recovering from old canker although decay is taking over on wounded areas. Old cankers are very extensive and unattractive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: golden yellow

Date of observation: 10/6/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juglans mandshurica **Variety:** -0-
Cultivar: -0- **Family:** Juglandaceae **Tsnum:** 78176
Common Name: Manchurian Walnut
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** C4

Observation Date of Plant: 9/23/2017

Plant Habit: Broad oval to round

Plant Height: 40-50 ft.

Plant Width: 50-60 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: A little wet wood forming around old branch removals. Growth habit may be wider if not crowded by neighboring plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juglans nigra **Variety:**
Cultivar: Sauber **Family:** Juglandaceae **Tsnum:** 07086
Common Name: Sauber Black Walnut
Source: Forrest Keeling Nursery **Quantity observed:** 2 **Location:** C4, C5

Observation Date of Plant: 9/23/2017

Plant Habit: Young, undefined

Plant Height: 5-6 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Shade tree, wildlife

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013. Growth habit is a little irregular on one of two due to losing central leader while in lathhouse.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus chinensis **Variety:**
Cultivar: Admiral **Family:** Cupressaceae **Tsnum:** 84171
Common Name: Admiral Chinese Juniper
Source: American Nursery Product/Mi **Quantity observed:** 1 **Location:** G13

Observation Date of Plant: 11/2/2018
Plant Habit: Pyramidal becoming round
Plant Height: 20-25 ft.
Plant Width: 20-30 ft.
Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green
Bark Characteristics: Not very important
Plant Summer Texture: Fine
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Fair
Fruit Present: Moderate amount of fruit, showy
Fruit Color: Blue
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Growth habit somewhat deformed due to snow in 2003. Canopy is a little thin at top.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus chinensis **Variety:**
Cultivar: Daub's Frosted **Family:** Cupressaceae **Tsnum:** 03152
Common Name: Daub's frosted Juniper
Source: Monrovia Growers **Quantity observed:** 1 **Location:** D12

Observation Date of Plant: 11/1/2018

Plant Habit: Spreading

Plant Height: 3-4 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Yellow on new stems/green on older foliage

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2003. Growth habit is attractive and uniform.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus chinensis **Variety:** -0-
Cultivar: Holbert **Family:** Cupressaceae **Tsnum:** 88195
Common Name: Holbert Chinese Juniper
Source: Hines Nursery **Quantity observed:** 3 **Location:** G10, G11

Observation Date of Plant: 11/1/2018

Plant Habit: Spreading

Plant Height: 3-4 ft.

Plant Width: 20-25 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Gray/green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Ground cover, Specimen, Xeriscape, Shrub border

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Blue

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has become huge spreader without pruning.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus chinensis **Variety:**
Cultivar: Iowa **Family:** Cupressaceae **Tsnum:** 15109
Common Name: Iowa Juniper
Source: Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** E13, E14

Observation Date of Plant: 11/2/2018

Plant Habit: Young undefined

Plant Height: 4-5 ft.

Plant Width: 1-2 ft.

Current Seasons Growth: 3-6 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Shrub border, screen , xeric landscape

Overall Plant Health: Fair to good

Fruit Present: Abundant, attractive

Fruit Color: Medium green

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015. Two of three trees have low vigor from unknown cause.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus chinensis **Variety:**
Cultivar: Kallays Compacta **Family:** Cupressaceae **Tsnum:** 00022
Common Name: Kallay Pfitzer Juniper
Source: Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** G10

Observation Date of Plant: 11/1/2018

Plant Habit: Spreading

Plant Height: 3-5 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Blue/green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Ground cover, Xeriscape, Shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus chinensis **Variety:** -0-
Cultivar: Keteleeri **Family:** Cupressaceae **Tsnum:** 78181
Common Name: Keteleer Chinese Juniper
Source: American Nursery Product/Mi **Quantity observed:** 1 **Location:** F13

Observation Date of Plant: 11/5/2018

Plant Habit: Pyramidal

Plant Height: 30-35 ft.

Plant Width: 25-30 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape

Overall Plant Health: Good

Fruit Present: Moderate amount

Fruit Color: Gray

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is a little open but still looks good.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus chinensis **Variety:** -0-
Cultivar: Mint Julep **Family:** Cupressaceae **Tsnum:** 87169
Common Name: Mint Julep Chinese Juniper
Source: Monrovia Growers **Quantity observed:** 1 **Location:** G13

Observation Date of Plant: 11/2/2018

Plant Habit: Spreading

Plant Height: 4 - 6 ft.

Plant Width: 20-25 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Blue with white haze on surface

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage color is rich and vibrant.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus chinensis **Variety:**
Cultivar: Perfecta **Family:** Cupressaceae **Tsnum:** 17099
Common Name: Perfecta Juniper
Source: Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** D13

Observation Date of Plant: 11/2/2018

Plant Habit: Narrow pyramid

Plant Height: 5-6 ft.

Plant Width: 1-2 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus chinensis **Variety:** -0-
Cultivar: Robusta Green **Family:** Cupressaceae **Tsnum:** 78182
Common Name: Robusta Green Chinese Juniper
Source: Bath Nursery **Quantity observed:** 1 **Location:** D13

Observation Date of Plant: 11/2/2018

Plant Habit: Irregular, upright

Plant Height: 12-18 ft.

Plant Width: 12-18 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Ground cover, xeriscape, shrub border

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Gray

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: marginal

Comments on plant: Has a very open growth habit. Central leader seems to have twisted and flopped to the side probably due to past snow load. Growth habit is very open but has a lot of character. Vigor is low due to crowding by nearby plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus chinensis **Variety:** -0-
Cultivar: San Jose **Family:** Cupressaceae **Tsnum:** 86214
Common Name: San Jose Chinese Juniper
Source: Monrovia Growers **Quantity observed:** 1 **Location:** F12

Observation Date of Plant: 11/5/2018

Plant Habit: Spreading

Plant Height: 3 - 4 ft.

Plant Width: 10-14 ft

Current Seasons Growth: 6-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Ground cover, Xeriscape, Shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Nice mounded growth habit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus chinensis **Variety:** pfitzeriana
Cultivar: Sarcoxie Compactum **Family:** Cupressaceae **Tsnum:** 78183
Common Name: Sarcoxie Compact Pfitzer Juniper
Source: Sarcoxie Nurseries Inc. **Quantity observed:** 1 **Location:** D13

Observation Date of Plant: 11/2/2018

Plant Habit: Spreading

Plant Height: 5-7 ft.

Plant Width: 20-30 ft

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has become enormous after 40 years. Too big for most landscapes without regular pruning.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus chinensis **Variety:** -0-
Cultivar: Sea Green **Family:** Cupressaceae **Tsnum:** 88196
Common Name: Sea Green Chinese Juniper
Source: Hines Nursery **Quantity observed:** 3 **Location:** G11

Observation Date of Plant: 11/1/2018

Plant Habit: Arching, spreading

Plant Height: 4 - 6 ft.

Plant Width: 15 - 20 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Requires a large area or regular pruning.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus chinensis **Variety:** densaerecta
Cultivar: Spartan **Family:** Cupressaceae **Tsnum:** 89097
Common Name: Spartan Juniper
Source: Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** G10

Observation Date of Plant: 11/1/2018

Plant Habit: Pyramidal/irregular

Plant Height: 15-20 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border, screen

Overall Plant Health: Good

Fruit Present: Abundant amount of fruit

Fruit Color: Purple with gray haze

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage color is a nice rich green and fairly dark. One of the showier junipers for fruit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus chinensis **Variety:** -0-
Cultivar: Spearmint **Family:** Cupressaceae **Tsnum:** 88198
Common Name: Spearmint Chinese Juniper
Source: Hines Nursery **Quantity observed:** 2 **Location:** G13, G12

Observation Date of Plant: 11/1/2018
Plant Habit: Pyramidal becoming more round
Plant Height: 12-18 ft.
Plant Width: 15-20 ft
Current Seasons Growth: 6-10 in.

Foliage Color: Dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: Xeriscape, shrub border

Overall Plant Health: Good
Fruit Present: Abundant, showy.
Fruit Color: Blue/gray

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage is a rich green color and very attractive. Makes a good contrast with fruit color.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus chinensis **Variety:**
Cultivar: Winter Gold **Family:** Cupressaceae **Tsnum:** 99187
Common Name: Winter Gold
Source: ProGreen Expo **Quantity observed:** 1 **Location:** G11

Observation Date of Plant: 11/10/2017

Plant Habit: Spreading

Plant Height: 3-4 ft.

Plant Width: 6-9 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Yellow/green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Looks good but is getting crowded by neighboring plant and may grow wider than listed here.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus communis **Variety:**
Cultivar: Copper Delight™ **Family:** Cupressaceae **Tsnum:** 14154
Common Name: Copper Delight™ Juniper
Source: Bailey Nurseries **Quantity observed:** 3 **Location:** E13

Observation Date of Plant: 11/2/2018

Plant Habit: Spreading

Plant Height: 4-8 in.

Plant Width: 2-3 ft.

Current Seasons Growth: 1-3 in.

Foliage Color: Gray, medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Poor

Landscape Uses: Shrub border, xeriscape

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Planted in 2014. All 3 appear to be in decline from unknown cause.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus communis **Variety:**
Cultivar: Gold Cone **Family:** Cupressaceae **Tsnum:** 15110
Common Name: Gold Cone Juniper
Source: Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** F13

Observation Date of Plant: 11/5/2018

Plant Habit: Cone, pyramidal

Plant Height: 3 ft.

Plant Width: 1-2 ft.

Current Seasons Growth: 2-4 in.

Foliage Color: Medium green, gray

Bark Characteristics: Unimportant

Plant Summer Texture: fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus communis **Variety:**
Cultivar: Montana Spreader **Family:** Cupressaceae **Tsnum:** 11116
Common Name: Common Juniper
Source: Plant Select **Quantity observed:** 1 **Location:** G3

Observation Date of Plant: 10/9/2017

Plant Habit: Spreading

Plant Height: 8-12 in.

Plant Width: 3-4 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Green with blue grey on top edge of needles.

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus conferta **Variety:**
Cultivar: Silver Mist **Family:** Cupressaceae **Tsnum:** 03011
Common Name: Silver Mist Juniper
Source: The Conard Pyle Co. - doesn' **Quantity observed:** 1 **Location:** G10

Observation Date of Plant: 11/1/2018

Plant Habit: Spreading

Plant Height: 10-18 in.

Plant Width: 7-9 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Medium green, gray on some surfaces

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Juniper blight

Disease Severity: Severe injury

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Planted in 2004. Plant is almost dead from blight.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus davurica **Variety:**
Cultivar: Expansa **Family:** Cupressaceae **Tsnum:** 96095
Common Name: Parson's Juniper
Source: Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** G10

Observation Date of Plant: 11/1/2018

Plant Habit: Spreading

Plant Height: 3-5 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green with a little shade of blue

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Would probably look much better if in full sun.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus horizontalis **Variety:**
Cultivar: BelDak **Family:** Cupressaceae **Tsnum:** 13091
Common Name: Prairies Mist Juniper
Source: Alta Nursery **Quantity observed:** 1 **Location:** D12

Observation Date of Plant: 11/2/2018

Plant Habit: Spreading

Plant Height: 4-8 in.

Plant Width: 3-4 ft.

Current Seasons Growth: 2-4 in.

Foliage Color: Blue gray

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border, xeriscape

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013. Vigor is low from unknown cause.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus horizontalis **Variety:**
Cultivar: MeDak **Family:** Cupressaceae **Tsnum:** 13092
Common Name: MeDak
Source: Alta Nursery **Quantity observed:** 1 **Location:** D12

Observation Date of Plant: 11/2/2018

Plant Habit: Spreading

Plant Height: 4-8 in.

Plant Width: 3-4 ft.

Current Seasons Growth: 6-8 in.

Foliage Color: Medium green with gray

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, xeriscape

Overall Plant Health: Fair

Fruit Present: Few

Fruit Color: Gray almost white

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus sabina **Variety:** -0-
Cultivar: Arcadia **Family:** Cupressaceae **Tsnum:** 86216
Common Name: Arcadia Savin Juniper
Source: Monrovia Growers **Quantity observed:** 1 **Location:** F12

Observation Date of Plant: 11/5/2018

Plant Habit: Spreading

Plant Height: 5 - 7 ft.

Plant Width: 15-25 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Blue

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Fruit is showier than almost any other Juniper in this collection.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus sabina **Variety:** -0-
Cultivar: Blue Danube **Family:** Cupressaceae **Tsnum:** 87160
Common Name: Blue Danube Savin Juniper
Source: Oregon Garden Products **Quantity observed:** 2 **Location:** F11

Observation Date of Plant: 11/1/2018

Plant Habit: Spreading

Plant Height: 4 - 6 ft.

Plant Width: 18-25 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Predominantly green but with a moderate shade of blue

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Ground cover, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Crowding out neighboring plants. Needs lots of space or regular pruning.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus sabina **Variety:** -0-
Cultivar: Mini Arcadia **Family:** Cupressaceae **Tsnum:** 88131
Common Name: Mini Arcadia Savin Juniper
Source: Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** F12

Observation Date of Plant: 11/5/2018

Plant Habit: Spreading

Plant Height: 2 ft.

Plant Width: 15-20 ft

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Excellent

Landscape Uses: Ground cover, Specimen, Shrub border

Overall Plant Health: Excellent

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Much more attractive form than J. 'Arcadia'. Growth habit is dense and bushy but very uniform even after 30 years. Foliage is a very nice rich green color.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus sabina **Variety:**
Cultivar: Pepin **Family:** Cupressaceae **Tsnum:** 03130
Common Name: Pepin Savin Juniper
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** D12

Observation Date of Plant: 11/2/2018

Plant Habit: Spreading

Plant Height: 3-4 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Gray/green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2003.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus scopulorum **Variety:**
Cultivar: Bailigh **Family:** Cupressaceae **Tsnum:** 18054
Common Name: Sky High Juniper
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** G12, G13

Observation Date of Plant: 11/1/2018

Plant Habit: Narrow pyramidal

Plant Height: 3-5 ft.

Plant Width: 1-2 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Blue

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Gray

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus scopulorum **Variety:**
Cultivar: 'Blue Arrow' **Family:** Cupressaceae **Tsnum:** 18031
Common Name: Blue Arrow Juniper
Source: Monrovia Nursery **Quantity observed:** 2 **Location:** G13

Observation Date of Plant: 11/2/2018

Plant Habit: Columnar

Plant Height: 4-5 ft.

Plant Width: 1 ft.

Current Seasons Growth: 5-10 in.

Foliage Color: Blue

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus scopulorum **Variety:** -0-
Cultivar: Blue Haven **Family:** Cupressaceae **Tsnum:** 81271
Common Name: Blue Haven Rocky Mtn. Juniper
Source: Wilmore Nurseries **Quantity observed:** 1 **Location:** F13

Observation Date of Plant: 11/5/2018
Plant Habit: Pyramidal to upright oval
Plant Height: 15-20 ft.
Plant Width: 12-18 ft
Current Seasons Growth: 6 - 10 in.

Foliage Color: Blue
Bark Characteristics: Not very important
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border, screen

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Very nice foliage color.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus scopulorum **Variety:**
Cultivar: Blue Trail **Family:** Cupressaceae **Tsnum:** 08046
Common Name: Blue Trail Juniper
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** G12

Observation Date of Plant: 11/1/2018

Plant Habit: Narrow pyramidal

Plant Height: 7-10 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Blue/gray

Bark Characteristics: Not very important

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, xeriscape, screen

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Slow to establish since it is planted at edge of arboretum where irrigation is less u

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. One of two looks good but the second tree looks like it is still struggling from unknown cause.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus scopulorum **Variety:** -0-
Cultivar: Cologreen **Family:** Cupressaceae **Tsnum:** 87111
Common Name: Cologreen Rocky Mountain Juniper
Source: Zelenka Nursery **Quantity observed:** 1 **Location:** G13

Observation Date of Plant: 11/2/2018

Plant Habit: Pyramidal

Plant Height: 12-17 ft.

Plant Width: 12-17 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Gray

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus scopulorum **Variety:** -0-
Cultivar: Cupressifolia **Family:** Cupressaceae **Tsnum:** 81282
Common Name: Rocky Mtn. Juniper
Source: South Dakota State University **Quantity observed:** 2 **Location:** D14, F13

Observation Date of Plant: 11/2/2018
Plant Habit: Pyramidal becoming upright oval
Plant Height: 25-35 ft.
Plant Width: 20-25 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, xeriscape

Overall Plant Health: Good
Fruit Present: Abundant amount of fruit
Fruit Color: Gray
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Bottom branches getting shaded out.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus scopulorum **Variety:** -0-
Cultivar: Gray Gleam **Family:** Cupressaceae **Tsnum:** 78193
Common Name: Gray Gleam Rocky Mountain Juniper
Source: Bath Nursery **Quantity observed:** 2 **Location:** F14

Observation Date of Plant: 11/5/2018

Plant Habit: Pyramidal

Plant Height: 15-20 ft.

Plant Width: 12-18 ft

Current Seasons Growth: 6 - 8 in.

Foliage Color: Gray

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border, screen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests: Scale on needles

Pest Severity: Moderate injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Great color and form except for some snow load damage in 2003. Scale sapping vigor.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus scopulorum **Variety:** -0-
Cultivar: Macfarlane **Family:** Cupressaceae **Tsnum:** 81272
Common Name: Macfarlane Rocky Mtn. Juniper
Source: Denver Botanic Gardens **Quantity observed:** 2 **Location:** D14

Observation Date of Plant: 11/2/2018

Plant Habit: Columnar

Plant Height: 30-36 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Gray/green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, screen, narrow areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is very uniform and impressive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus scopulorum **Variety:** -0-
Cultivar: Medora **Family:** Cupressaceae **Tsnum:** 87170
Common Name: Medora Rocky Mountain Juniper
Source: Monrovia Growers **Quantity observed:** 1 **Location:** G12

Observation Date of Plant: 11/1/2018

Plant Habit: Pyramidal

Plant Height: 10-15 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Gray

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, xeriscape, shrub border, screen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has slight deformity from past snow damage.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus scopulorum **Variety:** -0-
Cultivar: Medora **Family:** Cupressaceae **Tsnum:** 86219
Common Name: Medora Rocky Mountain Juniper
Source: Monrovia Growers **Quantity observed:** 2 **Location:** G9

Observation Date of Plant: 11/1/2018
Plant Habit: Columnar or narrowly pyramidal
Plant Height: 15-20 ft.
Plant Width: 10-15 ft.
Current Seasons Growth: 6 - 10 in.

Foliage Color: Gray/blue
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border, screen

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Deformed by snow load in 2003 but looks okay now.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus scopulorum **Variety:**
Cultivar: Moonglow **Family:** Cupressaceae **Tsnum:** 15078
Common Name: Moonglow Juniper
Source: Monrovia Growers **Quantity observed:** 3 **Location:** E13, F14

Observation Date of Plant: 11/2/2018
Plant Habit: Columnar or narrow pyramidal
Plant Height: 4-6 ft.
Plant Width: 1-3 ft.
Current Seasons Growth: 6-12 in

Foliage Color: Blue gray
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, screen, xeric landscape

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus scopulorum **Variety:** -0-
Cultivar: Pathfinder **Family:** Cupressaceae **Tsnum:** 83170
Common Name: Pathfinder Rocky Mountain Juniper
Source: Zelenka Nursery **Quantity observed:** 1 **Location:** F14

Observation Date of Plant: 11/2/2018

Plant Habit: Pyramidal

Plant Height: 15-20 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Gray

Bark Characteristics: Not very important

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Gray

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Deformed by snow load in 2003 but looks fairly normal now.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus scopulorum **Variety:**
Cultivar: Sister Twister **Family:** Cupressaceae **Tsnum:** 17213
Common Name: Sister Twister Juniper
Source: FCWN **Quantity observed:** 1 **Location:** D13

Observation Date of Plant: 11/2/2018

Plant Habit: Weeping

Plant Height: 6 ft.

Plant Width: 2 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Gray green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Gray

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus scopulorum **Variety:** -0-
Cultivar: Sutherland **Family:** Cupressaceae **Tsnum:** 89099
Common Name: Sutherland Juniper
Source: Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** G9

Observation Date of Plant: 11/1/2018
Plant Habit: Pyramidal to irregular/round as it matures.
Plant Height: 8-14 ft.
Plant Width: 15-20 ft
Current Seasons Growth: 6-10 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Fair to good
Landscape Uses: Xeriscape, shrub border

Overall Plant Health: Good
Fruit Present: Moderate amount of fruit
Fruit Color: Gray/blue
Insect Pests:

Pest Severity:
Plant Disease: Galls
Disease Severity: Slight injury

Cultural Problems:
Nuisances:

Recommended: Yes
Comments on plant: Deformed by snow load spring of 2003 but looks okay now.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit:
Aesthetics:
Fall Color:

Date of observation:
Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus scopulorum **Variety:** -0-
Cultivar: Tollison Weeping **Family:** Cupressaceae **Tsnum:** 78192
Common Name: Tollison Weeping Rocky Mountain Juniper
Source: Bath Nursery **Quantity observed:** 2 **Location:** D13

Observation Date of Plant: 11/2/2018
Plant Habit: Pyramidal to upright oval, weeping
Plant Height: 30-35 ft.
Plant Width: 25-35 ft.
Current Seasons Growth: 10-15 in.

Foliage Color: Gray/green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: Specimen

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Top broke out in one of two trees by Spring snow in 2003. Makes a good character plant for the landscape due to the weeping growth habit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus scopulorum **Variety:** -0-
Cultivar: Welchii **Family:** Cupressaceae **Tsnum:** 84173
Common Name: Welch Rocky Mountain Juniper
Source: American Nursery Product/Mi **Quantity observed:** 1 **Location:** F12

Observation Date of Plant: 11/1/2018

Plant Habit: Irregular, upright

Plant Height: 15-20 ft.

Plant Width: 12-18 ft

Current Seasons Growth: 6 - 12 in.

Foliage Color: Blue/green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Gray

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Deformed by snow load in 2003. Very misshapen but starting to look acceptable.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus scopulorum **Variety:** -0-
Cultivar: Winter Blue **Family:** Cupressaceae **Tsnum:** 83348
Common Name: Winter Blue Rocky Mountain Juniper
Source: Unknown **Quantity observed:** 2 **Location:** F12, F13

Observation Date of Plant: 11/5/2018

Plant Habit: Spreading

Plant Height: 5-8 ft.

Plant Width: 20-25 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Blue/gray

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Gray

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has intense gray foliage color. Gets very large over time.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus scopulorum **Variety:** -0-
Cultivar: Woodward Columnar **Family:** Cupressaceae **Tsnum:** 81296
Common Name: Woodward Columnar Rocky Mtn. Juniper
Source: Denver Botanic Gardens **Quantity observed:** 1 **Location:** D14

Observation Date of Plant: 11/2/2018

Plant Habit: Columnar

Plant Height: 30-37 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green/gray

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, screen, xeriscape

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Similar to J. 'MacFarlane' except it seem taller and thinner. Excellent, uniform growth habit requires no pruning. Lower branches getting shaded out by nearby trees.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus squamata **Variety:** -0-
Cultivar: Parsonii **Family:** Cupressaceae **Tsnum:** 82181
Common Name: Parson's Singleseed Juniper
Source: Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** E14

Observation Date of Plant: 11/2/2018

Plant Habit: Spreading

Plant Height: 2-4 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Blue green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Ground cover, Xeriscape, Shrub border

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Gray

Insect Pests:

Pest Severity:

Plant Disease: Possible juniper blight starting

Disease Severity: Slight injury

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Would probably look better if not at edge of arboretum where irrigation is less uniform.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus virginiana **Variety:** -0-
Cultivar: Burkii **Family:** Cupressaceae **Tsnum:** 88200
Common Name: Burk Eastern Red Cedar
Source: Hines Nursery **Quantity observed:** 1 **Location:** G11

Observation Date of Plant: 11/1/2018

Plant Habit: Pyramidal

Plant Height: 15-20 ft.

Plant Width: 18-25 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Gray

Bark Characteristics: Not very important

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, xeriscape

Overall Plant Health: Fair

Fruit Present: Moderate amount of fruit

Fruit Color: Gray

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Canopy isn't very dense.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus virginiana **Variety:**
Cultivar: Canaerti **Family:** Cupressaceae **Tsnum:** 17102
Common Name: Canaerti Juniper
Source: Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** F14

Observation Date of Plant: 11/5/2018

Plant Habit: Narrow pyramid

Plant Height: 3-5 ft.

Plant Width: 1 ft.

Current Seasons Growth: 6-10 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, screen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus virginiana **Variety:**
Cultivar: Cry Baby **Family:** Cupressaceae **Tsnum:** 18168
Common Name: Cry Baby Juniper
Source: FCWN **Quantity observed:** 1 **Location:** E13

Observation Date of Plant: 11/2/2018

Plant Habit: Weeping

Plant Height: 5 ft.

Plant Width: 1 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen

Overall Plant Health: Fair

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Was in too much shade in lathhouse

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend. Vigor is low from being in too much shade in lathhouse prior to planting.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus virginiana **Variety:** cupressifolia
Cultivar: Hillspire **Family:** Cupressaceae **Tsnum:** 78196
Common Name: Hillspire Eastern Red Cedar
Source: Bath Nursery **Quantity observed:** 2 **Location:** F13

Observation Date of Plant: 11/5/2018

Plant Habit: Pyramidal

Plant Height: 20-25 ft.

Plant Width: 25-30 ft.

Current Seasons Growth: 6 - 10 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Blue, showy

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage has a nice rich green color and combines well with the fruit for an attractive overall appearance. Growth habit is somewhat irregular due to snow damage.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus virginiana **Variety:** -0-
Cultivar: Manhattan Blue **Family:** Cupressaceae **Tsnum:** 78198
Common Name: Manhattan Blue Eastern Red Cedar
Source: Bath Nursery **Quantity observed:** 1 **Location:** E13

Observation Date of Plant: 9/27/2018

Plant Habit: Pyramidal

Plant Height: 35-45 ft

Plant Width: 35-45 ft.

Current Seasons Growth: 5-10 in

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, xeriscape

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Gray

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus virginiana **Variety:** -0-
Cultivar: Sky Rocket **Family:** Cupressaceae **Tsnum:** 83161
Common Name: Sky Rocket Eastern Red Cedar
Source: Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** E14, F14

Observation Date of Plant: 11/2/2018

Plant Habit: Irregular to pyramidal

Plant Height: 12-18 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Gray/green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Abundant amount of fruit

Fruit Color: Gray

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Susceptible to storm damage

Recommended: Yes

Comments on plant: Severely deformed by spring snow in 2003. Slowly regaining a decent appearance.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus virginiana **Variety:**
Cultivar: Taylor **Family:** Cupressaceae **Tsnum:** 15079
Common Name: Taylor Juniper
Source: Monrovia Growers **Quantity observed:** 3 **Location:** E13

Observation Date of Plant: 11/2/2018

Plant Habit: Columnar

Plant Height: 3-5 ft

Plant Width: 1 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Blue green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, screen, xeric landscape

Overall Plant Health: Poor

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Planted in 2015. Vandals cut top 1-2 ft. off two of three trees in 2016 and all three never gained much vigor after that.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus virginiana **Variety:**
Cultivar: Taylor **Family:** Cupressaceae **Tsnum:** 15119
Common Name: Taylor Juniper
Source: Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** DH

Observation Date of Plant: 9/28/2017

Plant Habit: Columnar

Plant Height: 6-8 ft.

Plant Width: 18 in.

Current Seasons Growth: 10-15 in

Foliage Color: Blue/green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Excellent

Landscape Uses: Specimen, hedge, shrub border

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Blue/gray

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: All look very uniform.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus x **Variety:**
Cultivar: J.N. Select Blue **Family:** Cupressaceae **Tsnum:** 14158
Common Name: Star Power Juniper
Source: Bailey Nurseries **Quantity observed:** 3 **Location:** D13, E13

Observation Date of Plant: 11/2/2018

Plant Habit: Narrow pyramid

Plant Height: 6-8 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Blue green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, screen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2014. Vandals cut central leader from two of three trees in 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Juniperus x **Variety:**
Cultivar: J.N. Select Blue **Family:** Cupressaceae **Tsnum:** 17101
Common Name: Star Power™ Juniper
Source: Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** E14

Observation Date of Plant: 11/2/2018

Plant Habit: Narrow pyramid

Plant Height: 4 ft

Plant Width: 1 ft

Current Seasons Growth: 4-8 in.

Foliage Color: Gray green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Juniperus x **Variety:**
Cultivar: Prairie Spirit **Family:** Cupressaceae **Tsnum:** 13089
Common Name: Prairie Spirit Juniper
Source: Alta Nursery **Quantity observed:** 1 **Location:** D12

Observation Date of Plant: 11/2/2018

Plant Habit: Spreading

Plant Height: 8-12 in.

Plant Width: 2-4 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Reddish bronze winter color

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border, xeriscape

Overall Plant Health: Fair

Fruit Present: Few

Fruit Color: Blue/gray, showy

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Kerria japonica **Variety:** pleniflora
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 84117
Common Name: Japanese Kerria
Source: Sherman Nursery **Quantity observed:** 3 **Location:** C0

Observation Date of Plant: 9/4/2017

Plant Habit: Broad oval

Plant Height: 3-5 ft.

Plant Width: 7-10 ft

Current Seasons Growth: 15-30 in.

Foliage Color: Light green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Moderately chlorotic and had a lot of dieback to remove from sudden, severe November 2014 freeze.

Observation Date of Flowers: 6/26/2006

Flower Color: Yellow

Flower Type: Single

Flower Effect: Fair to good

% of Flower Coverage: 30-40%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Koelreuteria paniculata **Variety:**
Cultivar: **Family:** Sapindaceae **Tsnum:** 96092
Common Name: Golden Rain Tree
Source: Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** D5

Observation Date of Plant: 9/29/2018

Plant Habit: Round to irregular

Plant Height: 18-25 ft.

Plant Width: 20-30 ft

Current Seasons Growth: 1 - 2 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: Abundant, interesting

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Inactive

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is a little lopsided due to past storm damage. Fruit is very ornamental.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Golden yellow

Date of observation: 9/26/2006

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Koelreuteria paniculata **Variety:**
Cultivar: Coral Sun **Family:** Sapindaceae **Tsnum:** 15062
Common Name: Coral Sun Goldenrain Tree
Source: J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** C6

Observation Date of Plant: 9/27/2018

Plant Habit: Young, undefined

Plant Height: 5-8 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 2-6 in

Foliage Color: Light green/chartreuse

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade tree

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015. Two plants don't seem to have much new growth for unknown reason.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Very good

Fall Color: Red along margins

Date of observation:

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Koelreuteria paniculata **Variety:**
Cultivar: Golden Candle **Family:** Sapindaceae **Tsnum:** 13024
Common Name: Golden Candle Golden Rain Tree
Source: Carlton Plants **Quantity observed:** 1 **Location:** D5

Observation Date of Plant: 9/29/2018

Plant Habit: Columnar

Plant Height: 8-10 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, confined areas

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2014. Central leader died out from unknown cause and growth habit is less uniform but looking more columnar in 2018.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Kolkwitzia amabilis **Variety:** -0-
Cultivar: -0- **Family:** Caprifoliaceae **Tsnum:** 81107
Common Name: Beautybush
Source: Monrovia Growers **Quantity observed:** 1 **Location:** F7

Observation Date of Plant: 10/2/2018

Plant Habit: Irregular, arching

Plant Height: 7-10 ft.

Plant Width: 10-15 ft

Current Seasons Growth: 1 - 3 ft.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit isn't very uniform and looks leggy but flowers are impressive.

Observation Date of Flowers: 5/29/2006

Flower Color: Light Pink

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 85-100%

Bloom Stage: Flowers open

Comments on Flowers: This plant is extremely showy when flowering.

Fall Color or Fruit: Fall color

Date of observation: 9/23/2005

Aesthetics: Good

Persistence: 2-4 weeks

Fall Color: dark red, purple, orange

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Kolkwitzia amabilis **Variety:**
Cultivar: Pink Cloud **Family:** Caprifoliaceae **Tsnum:** 04006
Common Name: Pink Cloud Beauty Bush
Source: Carlton Plants **Quantity observed:** 2 **Location:** D7, D8

Observation Date of Plant: 9/30/2018

Plant Habit: Irregular, upright

Plant Height: 8-12 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 24-36 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Moderate amount, not showy

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 5/29/2006

Flower Color: Light Pink

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 50-60%

Bloom Stage: Flowers open

Comments on Flowers: Should have more flowers as it becomes better established.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Larix decidua **Variety:** -0-
Cultivar: -0- **Family:** Pinaceae **Tsnum:** 82229
Common Name: European Larch
Source: Fort Collins Nursery **Quantity observed:** 2 **Location:** E8, E9

Observation Date of Plant: 10/2/2018

Plant Habit: Pyramidal

Plant Height: 40-50 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Needles have a very soft texture. Winter appearance isn't very attractive after needles fall off but it looks great in spring when bright green needles emerge.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Larix kaempferi **Variety:**
Cultivar: Diana **Family:** Pinaceae **Tsnum:** 09135
Common Name: Diana Japanese Larch
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** F9

Observation Date of Plant: 10/2/2018

Plant Habit: Upright, irregular

Plant Height: 10-15 ft.

Plant Width: 6-9 ft.

Current Seasons Growth: 5-8 in.

Foliage Color: Light green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2009. Twisted branches add considerable interest. Moved in fall of 2016 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Larix sibirica **Variety:** -0-
Cultivar: -0- **Family:** Pinaceae **Tsnum:** 80115
Common Name: Siberian Larch
Source: USDA, Glendale, MD **Quantity observed:** 1 **Location:** E9

Observation Date of Plant: 10/2/2018

Plant Habit: Pyramidal

Plant Height: 24-30 ft.

Plant Width: 18-25 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Light green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Bright yellow

Date of observation: 10/6/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ligustrum foliosum **Variety:** -0-
Cultivar: -0- **Family:** Oleoaceae **Tsnum:** 91065
Common Name: Privet
Source: Washington Park Arboretum **Quantity observed:** 1 **Location:** A8

Observation Date of Plant: 8/31/2017

Plant Habit: Upright oval to round

Plant Height: 4-5 ft.

Plant Width: 4-5 ft

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Rejuvenated and seems to look healthier.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ligustrum amurense **Variety:** -0-
Cultivar: -0- **Family:** Oleaceae **Tsnum:** 85081
Common Name: Golden Hillside Privet
Source: Jewell Nursery, Inc. **Quantity observed:** 3 **Location:** F6

Observation Date of Plant: 10/2/2018

Plant Habit: Broad oval

Plant Height: 6-9 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Yellow foliage on outer branches and medium green towards the inner branches.

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Hedge, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Dark purple

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Leaf color may be confused with chlorosis.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ligustrum ibota **Variety:** -0-
Cultivar: -0- **Family:** Oleaceae **Tsnum:** 81090
Common Name: Privet
Source: US Nat'l Arboretum **Quantity observed:** 3 **Location:** D7, E7

Observation Date of Plant: 9/29/2018
Plant Habit: Upright oval when young and becoming more rounded.
Plant Height: 10-15 ft.
Plant Width: 15-20 ft
Current Seasons Growth: 12-18 in.

Foliage Color: Medium green
Bark Characteristics: Not very important
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good
Fruit Present: Abundant
Fruit Color: Green turning to purple
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Two of three rejuvenated in 2009.

Observation Date of Flowers: 6/5/2006
Flower Color: White
Flower Type: Cluster
Flower Effect: Fair
% of Flower Coverage: 20-40%
Bloom Stage: Flowers open
Comments on Flowers: Flowers are tiny and don't add a great deal of color. Fragrant.

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ligustrum obtusifolium **Variety:** -0-
Cultivar: -0- **Family:** Oleaceae **Tsnum:** 81091
Common Name: Privet
Source: US Nat'l Arboretum **Quantity observed:** 2 **Location:** E8

Observation Date of Plant: 10/2/2018

Plant Habit: broad oval

Plant Height: 8 - 12 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Green turning to purple

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 6/5/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 40-60%

Bloom Stage: Flowers open

Comments on Flowers: Flowers are tiny and don't add a great deal of color. Fragrant.

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Yellow

Date of observation: 10/1/2006

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ligustrum vulgare **Variety:**
Cultivar: Lodense **Family:** Oleaceae **Tsnum:** 06019
Common Name: Lodense Privet
Source: Carlton Plants **Quantity observed:** 2 **Location:** D8, E7

Observation Date of Plant: 9/29/2018
Plant Habit: Round becoming broad oval
Plant Height: 4-5 ft.
Plant Width: 5-7 ft.
Current Seasons Growth: 6-9 in.

Foliage Color: Dark green
Bark Characteristics: Not very important
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Very attractive growth habit and smaller foliage.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ligustrum vulgare **Variety:**
Cultivar: Swift **Family:** Oleaceae **Tsnum:** 17088
Common Name: First Editions Straight Talk Privet
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** D5

Observation Date of Plant: 9/30/2018

Plant Habit: Columnar

Plant Height: 4 ft.

Plant Width: 1-2 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, hedge

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ligustrum vulgare **Variety:**
Cultivar: Swift **Family:** Oleaceae **Tsnum:** 16082
Common Name: First Editions Straight Talk Privet
Source: Bailey Nurseries **Quantity observed:** 4 **Location:** D6

Observation Date of Plant: 9/30/2018

Plant Habit: Columnar

Plant Height: 4-6 ft

Plant Width: 3 ft

Current Seasons Growth: 12-18 in

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, hedge

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ligustrum x vicaryi **Variety:**
Cultivar: **Family:** Oleaceae **Tsnum:** 07077
Common Name: Golden Vicary Privet
Source: Carlton Plants **Quantity observed:** 1 **Location:** E6

Observation Date of Plant: 9/30/2018
Plant Habit: Upright oval
Plant Height: 4-6 ft.
Plant Width: 3-5 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2009. Tips of stem are a light yellow/green hence the 'golden' part of the name but mostly green in September.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Liriodendron tulipifera **Variety:**
Cultivar: Ames 29821 **Family:** Magnoliaceae **Tsnum:** 13045
Common Name: Tulip Tree
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** SC05-05

Observation Date of Plant: 9/29/2017

Plant Habit: Young, undefined

Plant Height: 6-8 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade tree

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Needs to be pruned to establish central leader.

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2014. Severe deer damage in September 2017 and may not survive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Liriodendron tulipifera **Variety:**
Cultivar: JFA-Oz **Family:** Magnoliaceae **Tsnum:** 09016
Common Name: Emerald City Tuliptree
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** E1, D1

Observation Date of Plant: 9/15/2017

Plant Habit: Upright oval

Plant Height: 20-30 ft.

Plant Width: 14-18 ft.

Current Seasons Growth: 20-30 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. This is a good looking tree with excellent vigor.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Lonicera alpigena **Variety:**
Cultivar: 24598 **Family:** Caprifoliaceae **Tsnum:** 03027
Common Name: Alpine Honeysuckle
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** A12, B12

Observation Date of Plant: 9/27/2018

Plant Habit: Round

Plant Height: 3-5 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Cherry red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2003. Fruit looks very similar to a pie cherry but half as big. It is an interesting feature but is often hiding under foliage so not too showy. Attractive growth habit - more compact than most Lonicera.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Lonicera claveyi **Variety:** nana
Cultivar: Miniglobe **Family:** Caprifoliaceae **Tsnum:** 86158
Common Name: Miniglobe Clavey's Honeysuckle
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** A13

Observation Date of Plant: 9/27/2018

Plant Habit: Round to broad oval

Plant Height: 3-4 ft.

Plant Width: 3-6 ft.

Current Seasons Growth: 3-7 in.

Foliage Color: Medium blue/green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Hedge, specimen, shrub border

Overall Plant Health: Fair to poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: In the past these had a nice dense growth habit and were very attractive. Would look much better with more sunlight.

Observation Date of Flowers: 5/26/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 20-30%

Bloom Stage: Flowers open

Comments on Flowers: Few flowers - not very showy.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Lonicera fragrantissima **Variety:**
Cultivar: **Family:** Caprifoliaceae **Tsnum:** 95004
Common Name: Winter Honeysuckle
Source: Sherman Nursery **Quantity observed:** 1 **Location:** A12

Observation Date of Plant: 9/27/2018

Plant Habit: Arching

Plant Height: 3-5 ft.

Plant Width: 4-8 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: May be grown in too much shade .

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2002. Canopy is very thin and leggy - may do better in a sunnier site.

Observation Date of Flowers: 3/27/2012

Flower Color: white

Flower Type: Cluster

Flower Effect: Poor

% of Flower Coverage: 20-30%

Bloom Stage: Flowers open

Comments on Flowers: Very nice fragrance but very few.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Lonicera involucrata **Variety:** -0-
Cultivar: Flavescens **Family:** Caprifoliaceae **Tsnum:** 83023
Common Name: Twinberry
Source: Blardy Experiment Farm **Quantity observed:** 1 **Location:** A13

Observation Date of Plant: 9/27/2018

Plant Habit: Round to broad oval

Plant Height: 10-14 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 4-10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Hedge, specimen, shrub border

Overall Plant Health: Poor

Fruit Present: Few fruit

Fruit Color: Red turning to brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Seems to be in a decline with a thin canopy and dieback.

Observation Date of Flowers: 5/19/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 80-95%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Lonicera korolkowii **Variety:** -0-
Cultivar: Floribunda **Family:** Caprifoliaceae **Tsnum:** 81316
Common Name: Blueleaf Honeysuckle
Source: USDA, Cheyenne **Quantity observed:** 2 **Location:** A12, A13

Observation Date of Plant: 9/27/2018

Plant Habit: Arching

Plant Height: 7-10 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: Blue/green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Fair

Fruit Present: Moderate amount

Fruit Color: Orange/Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Great leaf color. Rejuvenated in 2007 but slow to regain form probably due to increased shade since original planting. Looks a little leggy. Would look better in full sun.

Observation Date of Flowers: 5/26/2006

Flower Color: Pink

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 75-85%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Lonicera maacki podocarpa **Variety:**
Cultivar: Rem Red **Family:** Caprifoliaceae **Tsnum:** 95017
Common Name: Rem Red Honeysuckle
Source: Forrest Keeling Nursery **Quantity observed:** 2 **Location:** A13, B13

Observation Date of Plant: 9/27/2018

Plant Habit: Broad oval, arching

Plant Height: 10-15 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 24-36 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Abundant, showy

Fruit Color: Still small and green in mid-September, very showy in October.

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage and fruit still looks fresh and green late in year. Not a plant for small areas . It gets very large.

Observation Date of Flowers: 5/26/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Lonicera maackii **Variety:** -0-
Cultivar: -0- **Family:** Caprifoliaceae **Tsnum:** 90056
Common Name: Amur Honeysuckle
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** AA12

Observation Date of Plant: 9/27/2018

Plant Habit: Broad oval

Plant Height: 7-10 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Red, showy

Insect Pests: Aphids

Pest Severity: Minor injury

Plant Disease: Leaf spot

Disease Severity: Minor injury

Cultural Problems: Probably in too much shade

Nuisances:

Recommended: Yes

Comments on plant: One of the best Lonicera for attractive fruit In past years . Would look better in full sun.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Lonicera prolifera **Variety:**
Cultivar: **Family:** Caprifoliaceae **Tsnum:** 00063
Common Name: Grape Honeysuckle
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** CFA

Observation Date of Plant: 10/8/2017

Plant Habit: Vine

Plant Height: 5-8 ft. on trellis

Plant Width: 4 ft. on trellis

Current Seasons Growth: 1-2 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Vine, ground cover, specimen

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in fall of 2016 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Lonicera sempervirens **Variety:**
Cultivar: Magnifica **Family:** Caprifoliaceae **Tsnum:** 15080
Common Name: Magnifica Trumpet Honeysuckle
Source: Monrovia Growers **Quantity observed:** 3 **Location:** DH

Observation Date of Plant: 9/14/2017

Plant Habit: Vine

Plant Height: 5-6 on trellis

Plant Width: 3-4 on trellis

Current Seasons Growth: 4-5 ft.

Foliage Color: Dark green/purple

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, screen if on trellis

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015. No flowers first year in ground.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Lonicera x
Cultivar: Freedom
Common Name: Freedom Honeysuckle
Source: USDA/NC-7, Ames, IA
Variety:
Family: Caprifoliaceae
Tsnum: 84245
Quantity observed: 1
Location: A13

Observation Date of Plant: 9/27/2018

Plant Habit: Arching

Plant Height: 4-5 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: Blue/green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage color is much less blue/gray than Lonicera korolkowii but still attractive. Would look better in full sun. Rejuvenated in 2016 and making a very weak recovery due to too much shade since it was first planted.

Observation Date of Flowers: 6/2/2003

Flower Color: Pink

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Lonicera x **Variety:**
Cultivar: Honeyrose **Family:** Caprifoliaceae **Tsnum:** 96088
Common Name: Honeyrose Honeysuckle
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** AA12

Observation Date of Plant: 7/26/2018

Plant Habit: Upright oval to round

Plant Height: 6-8 ft.

Plant Width: 7-9 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2011.

Observation Date of Flowers: 6/2/2003

Flower Color: Pink

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Lonicera xylosteum **Variety:**
Cultivar: Emerald Mound **Family:** Caprifoliaceae **Tsnum:** 98017
Common Name: Emerald Mound Honeysuckle
Source: Mount Arbor Nursery **Quantity observed:** 1 **Location:** A12

Observation Date of Plant: 9/27/2018

Plant Habit: Broad oval

Plant Height: 2.5 - 3.5 ft.

Plant Width: 7-9 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark blue/green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Seems to always get some tip dieback.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Maackia amurensis **Variety:**
Cultivar: **Family:** Fabaceae **Tsnum:** 00066
Common Name: Amur maackia
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** SC10-1, D7

Observation Date of Plant: 8/30/2018

Plant Habit: Round to irregular

Plant Height: 6-10 ft.

Plant Width: 5-6 ft.

Current Seasons Growth: 2-6 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Brown, unattractive

Insect Pests:

Pest Severity:

Plant Disease: Canker on one of two

Disease Severity: Moderate to severe injury one plant

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2003. Vandals removed about 50% of canopy in 2005 on one of two trees.

Observation Date of Flowers: 6/25/2007

Flower Color: White

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 30-40%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Maackia amurensis **Variety:**
Cultivar: JFS-Schichtel 1 **Family:** Fabaceae **Tsnum:** 14013
Common Name: Maackia amurensis
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC07-2, HG

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval, narrow

Plant Height: 8-12 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: intermediate importance

Plant Summer Texture: medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016 and another in 2017. Doesn't seem to have any seed pods which is very nice.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Maackia amurensis **Variety:**
Cultivar: Starburst **Family:** Fabaceae **Tsnum:** 05007
Common Name: Starburst Amur Maackia
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC07-01

Observation Date of Plant: 10/2/2018

Plant Habit: Upright oval

Plant Height: 10-15 ft.

Plant Width: 7-11 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: Few - not attractive

Fruit Color: Green turning to brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2010. Dried seed pods are a significant detractor from appearance - a seedless form would be the best if it existed.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Maclura pomifera **Variety:**
Cultivar: White Shield **Family:** Moraceae **Tsnum:** 15056
Common Name: White Shield Osage Orange
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC11-13

Observation Date of Plant: 9/5/2018

Plant Habit: Upright oval

Plant Height: 7-10 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: none

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2016 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Maclura pomifera **Variety:**
Cultivar: White Shield **Family:** Moraceae **Tsnum:** 15056
Common Name: White Shield Osage Orange
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** HG, SC11-06

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 8-10 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 10-15 in

Foliage Color: Dark green, glossy

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, tolerant of urban conditions

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend. Lost about 30% of canopy during first winter in arboretum.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Bright yellow

Date of observation: 10/8/2018

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Magnolia x **Variety:**
Cultivar: Ann **Family:** Magnoliaceae **Tsnum:** 08044
Common Name: Ann Magnolia
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** E0

Observation Date of Plant: 10/9/2017

Plant Habit: Irregular

Plant Height: 4-6 ft.

Plant Width: 4-7 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good to fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Both plants are in a difficult area to irrigate at edge of arboretum.

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2009. One of two plants is less vigorous but vigor would probably improve with more irrigation. The better plant is in more shade.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Magnolia x **Variety:** -0-
Cultivar: Galaxy **Family:** Magnoliaceae **Tsnum:** 83010
Common Name: Galaxy Magnolia
Source: US Nat'l Arboretum **Quantity observed:** 1 **Location:** D0

Observation Date of Plant: 9/13/2017

Plant Habit: Broad oval to round

Plant Height: 15-20 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 4/14/2006

Flower Color: White on upper side/Purple on lower side of petal

Flower Type: Single

Flower Effect: Good

% of Flower Coverage: 50-60%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: fair

Fall Color: Yellow

Date of observation: 10/6/2008

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Mahonia haematocarpa **Variety:**
Cultivar: **Family:** Berberidaceae **Tsnum:** 97246
Common Name: Mahonia
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** G2

Observation Date of Plant: 10/26/2017

Plant Habit: Upright to irregular

Plant Height: 5-7 ft.

Plant Width: 7-9 ft.

Current Seasons Growth: 10-20 in.

Foliage Color: Blue/green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Excellent

Landscape Uses: Specimen, barrier, shrub border

Overall Plant Health: Excellent

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2009. Nice foliage color and foliage shape but also has very sharp tips which can be annoying. Growth habit is a little leggy but looking better with time.

Observation Date of Flowers:

Flower Color: Yellow

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 60-70%

Bloom Stage: Flowers open

Comments on Flowers: Flowering date lost due to software problem.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus **Variety:**
Cultivar: Dolgo **Family:** Rosaceae **Tsnum:** 76064
Common Name: Dolgo Crabapple
Source: unknown source **Quantity observed:** 1 **Location:** F2

Observation Date of Plant: 10/8/2017

Plant Habit: Round

Plant Height: 28-38 ft.

Plant Width: 40-50 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, areas that have height limits

Overall Plant Health: Good

Fruit Present: Abundant earlier in season

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Dependable over many years.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus **Variety:**
Cultivar: Jarmin **Family:** Rosaceae **Tsnum:** 12036
Common Name: Marilee Crabapple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC10-07

Observation Date of Plant: 10/3/2018
Plant Habit: Upright oval
Plant Height: 7-9 ft.
Plant Width: 3-4 ft.
Current Seasons Growth: 4-8 in.

Foliage Color: Medium to dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen

Overall Plant Health: Fair
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2014. Lower branches (40% of canopy) appears to have been grazed by deer.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus **Variety:**
Cultivar: JFS-KW207 **Family:** Rosaceae **Tsnum:** 17028
Common Name: Sparkling Sprite Crabapple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC09-06

Observation Date of Plant: 10/3/2018

Plant Habit: Young, undefined

Plant Height: 6-8 ft.

Plant Width: 2 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus **Variety:**
Cultivar: JFS-KWS **Family:** Rosaceae **Tsnum:** 03041
Common Name: Royal Raindrops Crabapple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** DH

Observation Date of Plant: 9/28/2017

Plant Habit: Upright oval

Plant Height: 12-16 ft.

Plant Width: 12-16 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Dark red/green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, confined areas

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: No suckering.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus **Variety:**
Cultivar: Malusquest **Family:** Rosaceae **Tsnum:** 11021
Common Name: Pink Sparkles Crabapple
Source: Carlton Plants **Quantity observed:** 1 **Location:** SC10-18

Observation Date of Plant: 10/3/2018

Plant Habit: Upright oval

Plant Height: 7-8 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 1-4 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, wildlife

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Severe injury

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Planted in 2014. Cankers on trunk and near death. Abundant suckers.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus **Variety:**
Cultivar: Prairie Fire **Family:** Rosaceae **Tsnum:** 04059
Common Name: Prairie Fire Crabapple
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** DH

Observation Date of Plant: 9/28/2017

Plant Habit: Round

Plant Height: 8-10 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 8-14 in

Foliage Color: Emerge purplish/red and mature to dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, confined areas

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: No significant suckering.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus **Variety:**
Cultivar: Rejzam **Family:** Rosaceae **Tsnum:** 18011
Common Name: Rejoice Crabapple RightRoot
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC09-07

Observation Date of Plant: 9/29/2018

Plant Habit: Young, undefined

Plant Height: 6-8 ft.

Plant Width: 2 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus sargentii **Variety:**
Cultivar: Beeson **Family:** Rosaceae **Tsnum:** 07024
Common Name: May's Delight Flowering Crab
Source: Femrite Nursery Company **Quantity observed:** 2 **Location:** F2, F3

Observation Date of Plant: 10/8/2017

Plant Habit: Upright oval

Plant Height: 8-12 ft

Plant Width: 6-10 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Wildlife, specimen, small/confined areas

Overall Plant Health: Fair

Fruit Present: Abundant, showy

Fruit Color: Dark red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2009. Canopy on one of two is a little thin there are a few dead branches but only makes up about 10% of canopy. Has moderate suckering. Vigor on both seems to be improving in 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus sp. **Variety:**
Cultivar: Makamik **Family:** Rosaceae **Tsnum:** 94047
Common Name: Makamik Crabapple
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** F0

Observation Date of Plant: 10/8/2017

Plant Habit: Upright oval to round

Plant Height: 12-18 ft.

Plant Width: 12-18 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Medium red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: No suckering.

Recommended: Yes

Comments on plant: Medium sized fruit (1/2 - 3/4").

Observation Date of Flowers: 4/22/2006

Flower Color: Pink

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 80-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus x **Variety:** -0-
Cultivar: American Beauty **Family:** Rosaceae **Tsnum:** 82119
Common Name: American Beauty Flowering Crabapple
Source: Mount Arbor Nursery **Quantity observed:** 4 **Location:** F1, F2, F3

Observation Date of Plant: 10/8/2017

Plant Habit: Vase to broad oval

Plant Height: 15-20 ft.

Plant Width: 25-40 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: Very few, small, < 1 in.

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has light suckering.

Observation Date of Flowers: 4/24/2006

Flower Color: Pink

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 90-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: golden yellow

Date of observation: 10/9/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus x **Variety:** -0-
Cultivar: Brandywine **Family:** Rosaceae **Tsnum:** 83138
Common Name: Brandywine Flowering Crabapple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** F0

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval to round

Plant Height: 15-20 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: Few fruit, large size about 2 in.

Fruit Color: Light green/yellow

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Moderate to heavy suckering.

Recommended: Yes

Comments on plant: Flowers can be spectacular but fruit is large (1.5-2") and can make a mess in the Fall. Suckering can be a problem.

Observation Date of Flowers: 4/29/2006

Flower Color: Pink

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 90-100%

Bloom Stage: Flowers open

Comments on Flowers: Very spectacular this year. Nice double petals - buds appear as large pink marbles.

Fall Color or Fruit: Fall color

Date of observation: 10/15/2009

Aesthetics: Excellent

Persistence: 1-2 weeks

Fall Color: red, orange

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus x **Variety:** -0-
Cultivar: Centurion **Family:** Rosaceae **Tsnum:** 87102
Common Name: Centurion Flowering Crabapple
Source: A. McGill & Son Nursery **Quantity observed:** 3 **Location:** F2, F1

Observation Date of Plant: 10/8/2017

Plant Habit: Round to broad oval

Plant Height: 15-20 ft.

Plant Width: 15-22 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Wildlife, specimen

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Rose blush but turns red - fairly bright, nice gloss

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 4/29/2006

Flower Color: Lt. Pink

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 80-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus x **Variety:** -0-
Cultivar: Coralburst **Family:** Rosaceae **Tsnum:** 78086
Common Name: Coralburst Flowering Crabapple
Source: Cole Nursery **Quantity observed:** 2 **Location:** E0, F0

Observation Date of Plant: 10/9/2017

Plant Habit: Broad oval, multistem

Plant Height: 12-17 ft.

Plant Width: 25-30 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Tan/green, not showy

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: No suckering

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 4/26/2006

Flower Color: White/Red

Flower Type: Cluster

Flower Effect: Poor

% of Flower Coverage: 10-15%

Bloom Stage: Flowers open

Comments on Flowers: White on inside of petal, red on outside. Seems to be flowering mostly in alternate years.

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Yellow

Date of observation: 10/26/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus x **Variety:** -0-
Cultivar: Flame **Family:** Rosaceae **Tsnum:** 83147
Common Name: Flame Flowering Crabapple
Source: Jewell Nursery, Inc. **Quantity observed:** 2 **Location:** G2

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval

Plant Height: 20-25 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium to dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen, areas with height restrictions

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Green turning red/rose

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: May have a wider growth habit if it had more space.

Observation Date of Flowers: 4/22/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 80-100%

Bloom Stage: Flowers open

Comments on Flowers: Pink blush to bud.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus x **Variety:** -0-
Cultivar: Inglis **Family:** Rosaceae **Tsnum:** 78090
Common Name: Inglis Flowering Crabapple
Source: Unknown **Quantity observed:** 1 **Location:** F1

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval

Plant Height: 15-20 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Light green turning to red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 4/29/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 80-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus x **Variety:**
Cultivar: Pink Satin Crabapple **Family:** Rosaceae **Tsnum:** 02083
Common Name: Pink Satin Crabapple
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** E1

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval to round

Plant Height: 15-20 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen

Overall Plant Health: Good

Fruit Present: Abundant fruit, showy

Fruit Color: Light green turning a bright shiny red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2003.

Observation Date of Flowers: 4/29/2006

Flower Color: Lt. Pink

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 90-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus x
Cultivar: Red Barron **Family:** Rosaceae **Variety:**
Common Name: Red Barron Crabapple **Tsnum:** 09079
Source: Carlton Plants **Quantity observed:** 1 **Location:** E2

Observation Date of Plant: 10/8/2017

Plant Habit: Upright oval

Plant Height: 15-20 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen, small areas

Overall Plant Health: Good

Fruit Present: Moderate amount, small, showy

Fruit Color: Medium red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus x **Variety:** -0-
Cultivar: Red Silver **Family:** Rosaceae **Tsnum:** 82095
Common Name: Red Silver Flowering Crabapple
Source: Jewell Nursery, Inc. **Quantity observed:** 2 **Location:** E1, F1

Observation Date of Plant: 10/9/2017

Plant Habit: Broad oval

Plant Height: 14-18 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Dark green, shades of red

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Dark red with a white haze on surface on some.

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Slight suckering.

Recommended: Yes

Comments on plant: Foliage is dark green with a dark red blush.

Observation Date of Flowers: 4/24/2006

Flower Color: Dark Pink

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 90-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/9/2003

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: deep red, orange, purple

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus x **Variety:** -0-
Cultivar: Royal Red **Family:** Rosaceae **Tsnum:** 78088
Common Name: Royal Red Flowering Crabapple
Source: Cole Nursery **Quantity observed:** 1 **Location:** E0

Observation Date of Plant: 10/9/2017

Plant Habit: Round to broad oval

Plant Height: 12-18 ft.

Plant Width: 15-25 ft.

Current Seasons Growth: 4-6 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Slight suckering.

Recommended: No

Comments on plant: Entire tree is moderately to severely chlorotic with declining vigor. Appears to be 40% dead.

Observation Date of Flowers: 4/29/2006

Flower Color: Dark Pink

Flower Type: Cluster

Flower Effect: Fair to poor

% of Flower Coverage: 15-30%

Bloom Stage: Flowers open

Comments on Flowers: Large flowers but very few. Color is less intense or dull compared to most other crabapples.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus x
Cultivar: Silver Drift
Common Name: Silver Drift Crabapple
Source: Bailey Nurseries

Family: Rosaceae

Variety:
Tsnum: 02082

Quantity observed: 1 **Location:** F1

Observation Date of Plant: 10/9/2017

Plant Habit: Round to broad oval

Plant Height: 13-18 ft.

Plant Width: 18-25 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: Few small

Fruit Color: Green turning to red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Moderate suckering

Recommended: Yes

Comments on plant: Planted in arboretum in 2003.

Observation Date of Flowers: 4/24/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 60-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus x **Variety:**
Cultivar: Sinai Fire **Family:** Rosaceae **Tsnum:** 90121
Common Name: Sinai Fire Crabapple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** F0

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval

Plant Height: 10-14 ft.

Plant Width: 22-28 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, height restricted areas

Overall Plant Health: Good

Fruit Present: Abundant fruit, showy

Fruit Color: Yellow turning rosy red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: No suckering

Recommended: Yes

Comments on plant: Lost some height from breakage from snow in May 2017.

Observation Date of Flowers: 4/25/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 80-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus x **Variety:** -0-
Cultivar: Sugar Tyme **Family:** Rosaceae **Tsnum:** 87103
Common Name: Sugar Tyme Flowering Crabapple
Source: A. McGill & Son Nursery **Quantity observed:** 2 **Location:** E1, F1

Observation Date of Plant: 10/9/2017

Plant Habit: Broad oval to rounded

Plant Height: 12-18 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Green turning to red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Moderate suckering

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 4/21/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 40-60%

Bloom Stage: Flowers open

Comments on Flowers: Pink buds.

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 10/26/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus x **Variety:**
Cultivar: Thunderchild **Family:** Rosaceae **Tsnum:** 97059
Common Name: Thunderchild Crabapple
Source: A. McGill & Son Nursery **Quantity observed:** 2 **Location:** E1, G0

Observation Date of Plant: 10/8/2017
Plant Habit: Upright oval becoming round
Plant Height: 15-20 ft.
Plant Width: 14-18 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Red/dark green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen

Overall Plant Health: Good
Fruit Present: Few fruit
Fruit Color: Purple/red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Moderate suckering.

Recommended: Yes

Comments on plant: Planted in arboretum in 2003.

Observation Date of Flowers: 4/19/2006

Flower Color: Dark pink fading to light pink

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 50-60%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Red/purple

Date of observation: 10/6/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus x **Variety:** -0-
Cultivar: Van Eseltine **Family:** Rosaceae **Tsnum:** 78087
Common Name: Van Eseltine Flowering Crabapple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** E0

Observation Date of Plant: 9/5/2017
Plant Habit: Vase but becoming wider and open
Plant Height: 15-20 ft.
Plant Width: 15-20 ft
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Residential street, specimen, small/confined areas

Overall Plant Health: Fair
Fruit Present: Few fruit
Fruit Color: Green turning to red
Insect Pests:

Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:

Nuisances: Moderate suckering
Recommended: Yes

Comments on plant: Vigor is low in regard to new growth but canopy is full. Nice growth habit for narrow areas. Mild chlorosis - may do better if not on edge of arboretum where irrigation is less uniform.

Observation Date of Flowers: 4/29/2006
Flower Color: Pink
Flower Type: Cluster
Flower Effect: Excellent
% of Flower Coverage: 80-100%
Bloom Stage: Flowers open

Comments on Flowers: Double petals. Buds are dark pink and very showy.

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus x **Variety:** -0-
Cultivar: Weeping Candied Apple **Family:** Rosaceae **Tsnum:** 83136
Common Name: Weeping Candied Apple Flowering Crabapple
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** F3

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval to round

Plant Height: 15-20 ft.

Plant Width: 20-27 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, confined height areas

Overall Plant Health: Good

Fruit Present: Moderate fruiting

Fruit Color: Green turns to medium red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Abundant suckering.

Recommended: Yes

Comments on plant: Not a very weeping habit - it is fairly subtle.

Observation Date of Flowers: 4/25/2006

Flower Color: Pink

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 90-100%

Bloom Stage: Flowers open

Comments on Flowers: Very impressive flower display.

Fall Color or Fruit: Fall color

Date of observation: 10/26/2017

Aesthetics: Fair

Persistence: 1-2 weeks

Fall Color: Orange/red and still some green

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Malus x **Variety:** -0-
Cultivar: Zuni **Family:** Rosaceae **Tsnum:** 80155
Common Name: Zuni Flowering Crabapple
Source: American Nursery Product/Mi **Quantity observed:** 1 **Location:** F1

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval

Plant Height: 15 - 20 ft.

Plant Width: 30-37 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 4/29/2003

Flower Color: n/a

Flower Type:

Flower Effect: Poor

% of Flower Coverage:

Bloom Stage: n/a

Comments on Flowers: No sign of flower or buds this year - just leaves.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Morus alba **Variety:** -0-
Cultivar: -0- **Family:** Moraceae **Tsnum:** 81149
Common Name: White Mulberry
Source: American Nursery Product/Mi **Quantity observed:** 1 **Location:** D1

Observation Date of Plant: 9/15/2017

Plant Habit: Round to broad oval

Plant Height: 25-30 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 24-36 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to good

Landscape Uses: Large, shade tree, wildlife

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker on branch

Disease Severity: Minor injury

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has minor suckering. About 5% is dead from unknown cause.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: bright golden yellow

Date of observation: 10/28/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Morus alba **Variety:** -0-
Cultivar: Chapparral **Family:** Moraceae **Tsnum:** 78202
Common Name: Chapparral White Mulberry
Source: Alameda Wholesale Nursery **Quantity observed:** 1 **Location:** C0

Observation Date of Plant: 9/4/2017

Plant Habit: Round to broad oval

Plant Height: 25 - 35 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 3-4 ft.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, large shade tree, wildlife

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Wet wood

Disease Severity: Slight injury

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Some wet wood along pruning cuts and included bark. Has significant deadwood accumulation which can be high maintenance. Old storm damage may shorten life. May not be 'Chapparral' since growth habit is different than stated in other

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: bright golden yellow

Date of observation: 10/28/2003

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Morus alba **Variety:**
Cultivar: Tatarica **Family:** Moraceae **Tsnum:** 94048
Common Name: Russian Mulberry
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** D1

Observation Date of Plant: 9/15/2017

Plant Habit: Upright oval to round

Plant Height: 25-35 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 20-30 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, large shade tree, wildlife

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Leaves are relatively small and less coarse looking. Some wet wood developing in a main branch crotch.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ostrya virginiana **Variety:** -0-
Cultivar: -0- **Family:** Betulaceae **Tsnum:** 89110
Common Name: American Hop Hornbeam
Source: Carlton Plants **Quantity observed:** 1 **Location:** F5

Observation Date of Plant: 10/8/2017

Plant Habit: Pyramidal

Plant Height: 20-25 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, small/confined areas

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 10/6/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ostrya virginiana **Variety:** -0-
Cultivar: -0- **Family:** Betulaceae **Tsnum:** 84122
Common Name: American Hornbeam
Source: Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** E5

Observation Date of Plant: 10/8/2017

Plant Habit: Upright oval

Plant Height: 20-25 ft.

Plant Width: 15 - 20 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: Abundant fruiting

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit may be wider if not crowded by neighboring plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 10/6/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ostrya virginiana **Variety:**
Cultivar: JFS-KW5 **Family:** Betulaceae **Tsnum:** 16024
Common Name: Autumn Treasure Hophornbeam
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** HG

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 7-9 ft.

Plant Width: 4-5 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Street tree, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ostrya virginiana **Variety:**
Cultivar: JFS-KW5 **Family:** Betulaceae **Tsnum:** 16017
Common Name: Autumn Treasure Hophornbeam
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** F4

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 10-13 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Paulonia tomentosa **Variety:**
Cultivar: **Family:** Scrophulariaceae **Tsnum:** 10107
Common Name: Princesstree
Source: Plant Select/DBG **Quantity observed:** 2 **Location:** D7, D8

Observation Date of Plant: 9/30/2018

Plant Habit: Upright oval

Plant Height: 15- 20 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 4-6 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Excellent

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2011. Has huge leaves and impressive vigor. Dies to ground almost every winter but not last three winters. Size is very unique.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 10/8/2012

Aesthetics: Very poor - after hard fre **Persistence:**

Fall Color: none

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Phellodendron amurense **Variety:**
Cultivar: Longenecker **Family:** Rutaceae **Tsnum:** 15057
Common Name: Eye Stopper Cork Tree
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC11-05

Observation Date of Plant: 10/3/2018

Plant Habit: Upright oval

Plant Height: 5-7 ft.

Plant Width: 2-4 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Phellodendron amurense **Variety:** -0-
Cultivar: Macho **Family:** Rutaceae **Tsnum:** 93098
Common Name: Macho Amur Corktree
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C5

Observation Date of Plant: 9/23/2017

Plant Habit: Vase

Plant Height: 35-45 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Slight to moderate injury

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Appears a little leggy - may look better with more sun.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: pale yellow

Date of observation: 10/16/2003

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Philadelphus coronarius **Variety:**
Cultivar: Aureus **Family:** Saxifragaceae **Tsnum:** 10011
Common Name: Golden Mockorange
Source: Carlton Plants **Quantity observed:** 2 **Location:** E7

Observation Date of Plant: 10/1/2018

Plant Habit: Upright oval

Plant Height: 3-5 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Medium green with yellow on new growth

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few, not showy

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Philadelphus lewisii **Variety:**
Cultivar: **Family:** Saxifragaceae **Tsnum:** 97256
Common Name: Lewis Mock Orange
Source: Fort Collins Nursery **Quantity observed:** 4 **Location:** G1

Observation Date of Plant: 10/8/2017

Plant Habit: Upright oval

Plant Height: 8-10 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 1-3 ft.

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Abundant, not showy

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2010 and looks much more vigorous. Growth habit may be wider if not crowded by neighboring plants.

Observation Date of Flowers: 6/1/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 85-100%

Bloom Stage: Flowers open

Comments on Flowers: Very showy even at a distance of several hundred feet.

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: yellow

Date of observation: 10/16/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Physocarpus **Variety:**
Cultivar: Summer Wine **Family:** Rosaceae **Tsnum:** 05102
Common Name: Summer Wine Ninebark
Source: Proven Winners **Quantity observed:** 1 **Location:** D0

Observation Date of Plant: 9/13/2017

Plant Habit: Broad oval, arching

Plant Height: 4-5 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 36-48 in.

Foliage Color: Dark red/green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Maintains excellent color throughout summer.

Observation Date of Flowers: 6/2/2007

Flower Color: White

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 5-20%

Bloom Stage: Flowers open

Comments on Flowers: Just planted in 2006 - should get showier as it gets further established.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Physocarpus malvaceus **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 81309
Common Name: Ninebark
Source: Denver Botanic Gardens **Quantity observed:** 2 **Location:** C0

Observation Date of Plant: 9/5/2017

Plant Habit: Arching

Plant Height: 8 - 10 ft.

Plant Width: 10 - 15 ft.

Current Seasons Growth: 1 - 3 ft.

Foliage Color: Dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Fair to good

Fruit Present: Abundant

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of two was rejuvenated in 2011. Has slight chlorosis.

Observation Date of Flowers: 5/23/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Physocarpus opulifolius **Variety:** -0-
Cultivar: `Nana' **Family:** Rosaceae **Tsnum:** 85082
Common Name: Dwarf Ninebark
Source: Jewell Nursery, Inc. **Quantity observed:** 2 **Location:** C0

Observation Date of Plant: 9/4/2017

Plant Habit: Broad oval to round

Plant Height: 4 - 5 ft.

Plant Width: 5-8 ft

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is more controlled and compact compared to the straight species.

Observation Date of Flowers: 6/2/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 75-90%

Bloom Stage: Flowers open

Comments on Flowers: Buds are a beautiful pink. Smaller flowers in great supply.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Physocarpus opulifolius **Variety:** -0-
Cultivar: `Nugget' **Family:** Rosaceae **Tsnum:** 89157
Common Name: Nugget Ninebark
Source: USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** D0, C1

Observation Date of Plant: 9/13/2017

Plant Habit: Broad oval

Plant Height: 8 - 10 ft.

Plant Width: 15 - 18 ft.

Current Seasons Growth: 1 - 3 ft.

Foliage Color: Yellow to light green matures to medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 5/23/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Physocarpus opulifolius **Variety:**
Cultivar: Ames 27797 NCRPIS Co **Family:** Rosaceae **Tsnum:** 07091
Common Name: NCRPIS Compact Ninebark
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** D0

Observation Date of Plant: 9/13/2017

Plant Habit: spreading

Plant Height: 2-3.5 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2009. Most other Physocarpus look better.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Physocarpus opulifolius **Variety:**
Cultivar: Center Glow **Family:** Rosaceae **Tsnum:** 08068
Common Name: Center Glow Ninebark
Source: USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** D0, E0

Observation Date of Plant: 9/13/2017

Plant Habit: Upright, irregular

Plant Height: 5-6 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 1-3 ft.

Foliage Color: Dark red

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2009. Growth habit is a little leggy.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Physocarpus opulifolius **Variety:** -0-
Cultivar: Dart's Golden **Family:** Rosaceae **Tsnum:** 80146
Common Name: Dart's Golden Ninebark
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** C0

Observation Date of Plant: 9/5/2017

Plant Habit: Arching, irregular

Plant Height: 6 - 9 ft.

Plant Width: 12-18 ft.

Current Seasons Growth: 2-5 ft.

Foliage Color: Yellow to light green maturing to medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One plant rejuvenated in 2010.

Observation Date of Flowers: 5/23/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Physocarpus opulifolius **Variety:**
Cultivar: Donna May **Family:** Rosaceae **Tsnum:** 12061
Common Name: Little Devil Ninebark
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** D0

Observation Date of Plant: 9/14/2017

Plant Habit: Upright oval

Plant Height: 2-3 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 8-15 in.

Foliage Color: Dark red

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013. Plant and foliage is more dwarf/compact. One of two has dieback from past and is only half as large as second plant.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Physocarpus opulifolius **Variety:**
Cultivar: Mindia **Family:** Rosaceae **Tsnum:** 12029
Common Name: Coppertina Ninebark
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** D0

Observation Date of Plant: 9/13/2017

Plant Habit: Irregular

Plant Height: 4-6 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Dark red/green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Physocarpus opulifolius **Variety:** -0-
Cultivar: Select **Family:** Rosaceae **Tsnum:** 92113
Common Name: Select Ninebark
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** D0

Observation Date of Plant: 9/13/2017

Plant Habit: Arching to irregular

Plant Height: 6-8 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 2-3 ft.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Moderate amount

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 6/2/2007

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-80%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Physocarpus opulifolius **Variety:**
Cultivar: Snowfall **Family:** Rosaceae **Tsnum:** 94055
Common Name: Snowfall Ninebark
Source: Bailey Nurseries **Quantity observed:** 3 **Location:** A2

Observation Date of Plant: 8/28/2017
Plant Habit: Upright, arching as it matures
Plant Height: 5-9 ft.
Plant Width: 10-15 ft
Current Seasons Growth: 18-36 in.

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Coarse
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Looks good in a fairly xeric area. Rejuvenated two plants in 2011.

Observation Date of Flowers: 6/1/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 60-80%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Physocarpus ribesifolius **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 96071
Common Name: Ninebark
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** A2

Observation Date of Plant: 8/28/2017
Plant Habit: Upright, arching as it matures
Plant Height: 5-8 ft.
Plant Width: 6-10 ft.
Current Seasons Growth: 24-36 in.

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Coarse
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Fair to good
Fruit Present: Moderate amount of fruit
Fruit Color: Tan
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: One of two looks stressed due to irrigation problems along edge of arboretum.

Observation Date of Flowers: 6/26/2006
Flower Color: n/a
Flower Type: n/a
Flower Effect: n/a
% of Flower Coverage: n/a
Bloom Stage: n/a

Comments on Flowers: No evidence of flowers in 2006 probably is related to poor plant health and large amount of canopy dieback.

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Picea abies **Variety:** -0-
Cultivar: -0- **Family:** Pinaceae **Tsnum:** 85120
Common Name: Norway Spruce
Source: Zelenka Nursery **Quantity observed:** 2 **Location:** D10

Observation Date of Plant: 11/5/2018

Plant Habit: Pyramidal

Plant Height: 40-50 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of two trees has a lot of sap running down the trunk from unknown cause.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Picea abies **Variety:**
Cultivar: Nidiformis **Family:** Pinaceae **Tsnum:** 18049
Common Name: Nest Spruce
Source: Monrovia Growers **Quantity observed:** 2 **Location:** E13, CFA

Observation Date of Plant: 11/2/2018

Plant Habit: Broad oval

Plant Height: 1 ft.

Plant Width: 1-2 ft.

Current Seasons Growth: 3-4 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Picea abies **Variety:** -0-
Cultivar: Pendula **Family:** Pinaceae **Tsnum:** 90072
Common Name: Weeping Norway Spruce
Source: Oregon Garden Products **Quantity observed:** 1 **Location:** G9

Observation Date of Plant: 10/11/2018

Plant Habit: Weeping

Plant Height: 3-4 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 6-8 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: A solid performer over many years. Moved in 2016 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Picea abies **Variety:**
Cultivar: Pumila **Family:** Pinaceae **Tsnum:** 18057
Common Name: Dwarf Norway Spruce
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** CFA

Observation Date of Plant: 9/30/2018
Plant Habit: Broad oval
Plant Height: 1 ft.
Plant Width: 2 ft.
Current Seasons Growth: 2-4 in.

Foliage Color: Dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Picea glauca **Variety:** -0-
Cultivar: -0- **Family:** Pinaceae **Tsnum:** 87113
Common Name: White Spruce
Source: Zelenka Nursery **Quantity observed:** 2 **Location:** D10

Observation Date of Plant: 11/2/2018

Plant Habit: Pyramidal

Plant Height: 25-30 ft.

Plant Width: 15-25 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Crowding from nearby trees

Nuisances:

Recommended: Yes

Comments on plant: Short needles are attractive. Canopy seems to be getting thin - possibly due to crowding from nearby trees.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Picea glauca **Variety:**
Cultivar: Conica **Family:** Pinaceae **Tsnum:** 18058
Common Name: Dwarf Alberta Spruce
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** F13, CFA

Observation Date of Plant: 11/2/2018

Plant Habit: Pyramidal

Plant Height: 3-5 ft.

Plant Width: 2 ft.

Current Seasons Growth: 2-3 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Picea glauca **Variety:** -0-
Cultivar: Densata **Family:** Pinaceae **Tsnum:** 78062
Common Name: Black Hills White Spruce
Source: Colorado Nurseryman **Quantity observed:** 3 **Location:** D10, D11

Observation Date of Plant: 11/2/2018

Plant Habit: Pyramidal

Plant Height: 40-50 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Blue/green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Picea glauca **Variety:**
Cultivar: Pendula **Family:** Pinaceae **Tsnum:** 12150
Common Name: Weeping White Spruce
Source: Garden and Home Show **Quantity observed:** 1 **Location:** F10

Observation Date of Plant: 10/2/2018

Plant Habit: Weeping, narrow

Plant Height: 6-8 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Blue/green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Picea meyeri **Variety:**
Cultivar: **Family:** Pinaceae **Tsnum:** 18059
Common Name: Meyer Spruce
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** F10, CFA

Observation Date of Plant: 10/2/2018

Plant Habit: Pyramidal

Plant Height: 3-4 ft.

Plant Width: 2 ft.

Current Seasons Growth: 6-8 in.

Foliage Color: Blue green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, urban areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend. Has a nice dense, uniform growth habit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Picea omorika **Variety:**
Cultivar: Bruns **Family:** Pinaceae **Tsnum:** 03154
Common Name: Bruns Sinberian Spruce
Source: Monrovia Growers **Quantity observed:** 1 **Location:** G10

Observation Date of Plant: 11/1/2018

Plant Habit: Narrow pyramidal

Plant Height: 12-18 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Blue/green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: Few cones

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2005. Vandals removed some upper branches and central leader in 2008 but looks normal now.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Picea orientalis **Variety:**
Cultivar: Autovirens **Family:** Pinaceae **Tsnum:** 96166
Common Name: Autovirens Oriental Spruce
Source: Monrovia Growers **Quantity observed:** 1 **Location:** D11

Observation Date of Plant: 11/5/2018

Plant Habit: Pyramidal

Plant Height: 15-20 ft.

Plant Width: 6-10 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Excellent

Landscape Uses: specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2004. Branching is dense. Attractive dark green, short, soft needles.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Picea pungens **Variety:**
Cultivar: Bakeri **Family:** Pinaceae **Tsnum:** 96085
Common Name: Baker Blue Spruce
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** G10

Observation Date of Plant: 11/1/2018

Plant Habit: Pyramidal

Plant Height: 25-35 ft.

Plant Width: 20-25 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Blue/gray

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: Few cones

Fruit Color: Brown

Insect Pests: Cooley spruce galls

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage color is slightly less blue than Picea 'Moorheim'.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Picea pungens **Variety:** -0-
Cultivar: Glauca **Family:** Pinaceae **Tsnum:** 78099
Common Name: Colorado Blue Spruce
Source: Unknown **Quantity observed:** 1 **Location:** CFA

Observation Date of Plant: 11/6/2018
Plant Habit: Pyramidal
Plant Height: 15-22 ft.
Plant Width: 15-20 ft.
Current Seasons Growth: 6 - 12 in.

Foliage Color: Blue
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, native planting

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Great blue foliage color. Moved in Fall of 2016 due to construction of football practice fields.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Picea pungens **Variety:** -0-
Cultivar: Glauca **Family:** Pinaceae **Tsnum:** 78070
Common Name: Colorado Blue Spruce
Source: US Nat'l Arboretum **Quantity observed:** 1 **Location:** E14

Observation Date of Plant: 11/1/2018

Plant Habit: Pyramidal

Plant Height: 50-60 ft.

Plant Width: 35-45 ft

Current Seasons Growth: 4-8 in.

Foliage Color: Blue/green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Picea pungens **Variety:**
Cultivar: Glauca Globosa **Family:** Pinaceae **Tsnum:** 14156
Common Name: Globe Blue Spruce - Tree Form
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** G9, G10

Observation Date of Plant: 11/1/2018

Plant Habit: round

Plant Height: 3-3.5 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 3-5 in.

Foliage Color: Blue

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Half of canopy on one of two trees died back from unknown cause in 2016 but could be possible disease. Does not appear to active in 2018.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Picea pungens **Variety:**
Cultivar: Glauca Slenderina Pendu **Family:** Pinaceae **Tsnum:** 18060
Common Name: Slenderina® Weeping Blue Spruce
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** F10, CFA

Observation Date of Plant: 10/2/2018

Plant Habit: Young, undefined

Plant Height: 4 ft.

Plant Width: 2 ft.

Current Seasons Growth: 6-8 in.

Foliage Color: Blue green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Picea pungens **Variety:**
Cultivar: Hoopsii **Family:** Pinaceae **Tsnum:** 00039
Common Name: Hoopsii Blue Spruce
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** G11

Observation Date of Plant: 11/1/2018

Plant Habit: Pyramidal

Plant Height: 16-22 ft.

Plant Width: 12-18 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Blue

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Picea pungens glauca **Variety:**
Cultivar: Moerheimii **Family:** Pinaceae **Tsnum:** 98020
Common Name: Moerheim Blue Spruce
Source: J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** G10, G11

Observation Date of Plant: 11/1/2018

Plant Habit: Pyramidal

Plant Height: 20-30 ft.

Plant Width: 15-25 ft.

Current Seasons Growth: 10- 15 in.

Foliage Color: Blue/gray

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Brown

Insect Pests: Cooley spruce galls

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage color is beautiful blue gray.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pieris **Variety:**
Cultivar: Conrabideau **Family:** Ericaceae **Tsnum:** 14085
Common Name: Angel Falls Pieris
Source: The Conard Pyle Co. **Quantity observed:** 1 **Location:** CFA

Observation Date of Plant: 9/27/2018

Plant Habit: Young, undefined

Plant Height: 8-12 in

Plant Width: 10-15 in

Current Seasons Growth: 3-4 in.

Foliage Color: Variegated, mostly medium green with white and red on edge.

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus cembra **Variety:** -0-
Cultivar: Chalet **Family:** Pinaceae **Tsnum:** 85162
Common Name: Chalet Swiss Stone Pine
Source: Timber Creek Nursery **Quantity observed:** 1 **Location:** F11

Observation Date of Plant: 11/5/2018

Plant Habit: Very narrowly pyramidal

Plant Height: 18-25 ft.

Plant Width: 6-9 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Needles have a very dense bushy appearance. Appears to be dying for unknown reason. Has a lot of brown foliage. Has been in decline for a couple of years. Looks a little chlorotic.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus cembra **Variety:**
Cultivar: Klein **Family:** Pinaceae **Tsnum:** 03155
Common Name: Silver Whispers Swiss Stone Pine
Source: Monrovia Growers **Quantity observed:** 1 **Location:** F12

Observation Date of Plant: 11/5/2018

Plant Habit: Very narrowly pyramidal

Plant Height: 15-25 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2005. Canopy is fairly dense.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus flexilis **Variety:**
Cultivar: **Family:** Pinaceae **Tsnum:** 03168
Common Name: Limber Pine
Source: Monrovia Growers **Quantity observed:** 2 **Location:** E11, F11

Observation Date of Plant: 11/5/2018

Plant Habit: Pyramidal or irregular

Plant Height: 8-12 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, native

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Deer have cause some damage to aesthetics.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus flexilis **Variety:**
Cultivar: Vanderwolf Pyramid **Family:** Pinaceae **Tsnum:** 95115
Common Name: Vanderwolf Pine
Source: Oregon Garden Products **Quantity observed:** 1 **Location:** D11

Observation Date of Plant: 11/5/2018

Plant Habit: Pyramidal

Plant Height: 20-30 ft.

Plant Width: 15-20 ft

Current Seasons Growth: 12-18 in.

Foliage Color: Light green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Very attractive, soft textured appearance.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus mugo **Variety:** mugo
Cultivar: -0- **Family:** Pinaceae **Tsnum:** 88127
Common Name: Mugho Pine
Source: Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** E11

Observation Date of Plant: 11/5/2018

Plant Habit: Irregular

Plant Height: 10-15 ft.

Plant Width: 20-25 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit appears to just sprawl wherever it can.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus mugo **Variety:**
Cultivar: Pumilo **Family:** Pinaceae **Tsnum:** 09137
Common Name: Dwarf Swiss Mountain Pine
Source: Colorado Garden and Home **Quantity observed:** 1 **Location:** E12

Observation Date of Plant: 11/1/2018

Plant Habit: Broad oval

Plant Height: 3 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 1 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Transplanted in 2016 from perennial garden. Vigor is low from being in too much shade.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus mugo **Variety:**
Cultivar: Valley Cushion **Family:** Pinaceae **Tsnum:** 15168
Common Name: Valley Cushion Mugo Pine
Source: Garden and Home Show **Quantity observed:** 1 **Location:** E11

Observation Date of Plant: 11/5/2018

Plant Habit: Broad oval

Plant Height: 2 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 4-8 in

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus nigra **Variety:**
Cultivar: Arnold Sentinel **Family:** Pinaceae **Tsnum:** 03156
Common Name: Arnold Sentinel Austrian Pine
Source: Monrovia Growers **Quantity observed:** 1 **Location:** DH

Observation Date of Plant: 11/2/2018

Plant Habit: Columnar

Plant Height: 15-20 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 8-14 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2008. Very unique growth habit. Only one of three shipped were Pinus nigra and the other two trees were Pinus flexilis (03168).

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus nigra **Variety:**
Cultivar: Prerrick Bregeon **Family:** Pinaceae **Tsnum:** 14157
Common Name: Brepo Austrian Pine - Tree Form
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** F11

Observation Date of Plant: 11/5/2018

Plant Habit: Broad oval

Plant Height: 3-4 ft.

Plant Width: 2 ft.

Current Seasons Growth: 1-2 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2014. Very dense growth habit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Pinus strobus **Variety:** -0-
Cultivar: -0- **Family:** Pinaceae **Tsnum:** 85122
Common Name: White Pine
Source: American Nursery Product/Mi **Quantity observed:** 2 **Location:** F12, F11

Observation Date of Plant: 11/5/2018

Plant Habit: Pyramidal to irregular

Plant Height: 55-65 ft.

Plant Width: 40-50 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Light green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: May be trying to fend off borer or disease since there are spots of sap seeping from trunk but it doesn't appear to be very abundant.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus strobus **Variety:**
Cultivar: Fastigiata **Family:** Pinaceae **Tsnum:** 03157
Common Name: Columnar Eastern White Pine
Source: Monrovia Growers **Quantity observed:** 2 **Location:** F12, CFA

Observation Date of Plant: 11/5/2018

Plant Habit: Columnar

Plant Height: 15-20 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Light green with some blue

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Green turning to tan

Insect Pests: Scale one of two trees

Pest Severity: moderate

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2003. Appears to have a large canker (or damage by deer in 2008) on one tree which is closing over and almost looks normal. One of two trees moved in 2016 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus strobus **Variety:**
Cultivar: Fastigiata **Family:** Pinaceae **Tsnum:** 03018
Common Name: Fastigiata White Pine
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** CFA

Observation Date of Plant: 9/28/2018

Plant Habit: Columnar

Plant Height: 25-30 ft.

Plant Width: 8-11 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Light green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, confined areas

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in fall of 2016 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus strobus **Variety:**
Cultivar: Nana **Family:** Pinaceae **Tsnum:** 15088
Common Name: Dwarf Eastern White Pine
Source: Monrovia Growers **Quantity observed:** 2 **Location:** F12

Observation Date of Plant: 11/5/2018

Plant Habit: Round

Plant Height: 2 ft.

Plant Width: 2 ft.

Current Seasons Growth: 2-4 in.

Foliage Color: Gray/green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Excellent

Landscape Uses: Shrub border, specimen

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus strobus **Variety:**
Cultivar: Pendula **Family:** Pinaceae **Tsnum:** 03019
Common Name: Weeping White Pine
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** F12

Observation Date of Plant: 11/5/2018

Plant Habit: Weeping

Plant Height: 12-16 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Light green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2003.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus sylvestris **Variety:**
Cultivar: French Blue **Family:** Pinaceae **Tsnum:** 03158
Common Name: French Blue Scotch Pine
Source: Monrovia Growers **Quantity observed:** 1 **Location:** F11

Observation Date of Plant: 11/5/2018
Plant Habit: Upright oval becoming irregular
Plant Height: 12-18 ft.
Plant Width: 7-10 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Slight blue/green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Fine
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2004. Nice foliage color. Vandals damaged central leader and it was slow to recover.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus sylvestris **Variety:**
Cultivar: Inverleith **Family:** Pinaceae **Tsnum:** 08030
Common Name: Inverleith Scotch Pine
Source: Monrovia Growers **Quantity observed:** 2 **Location:** E11

Observation Date of Plant: 11/5/2018

Plant Habit: Pyramidal

Plant Height: 12-18 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 10-20 in.

Foliage Color: Variegated, blue/green needles

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2008. Very unique color to needles.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus tabuliformis **Variety:** -0-
Cultivar: -0- **Family:** Pinaceae **Tsnum:** 86025
Common Name: Pine
Source: Minnesota Landscape Arbore **Quantity observed:** 1 **Location:** E12

Observation Date of Plant: 11/2/2018

Plant Habit: Pyramidal

Plant Height: 30-40 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of two trees seems to have a thinner canopy.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus tabuliformis **Variety:** -0-
Cultivar: -0- **Family:** Pinaceae **Tsnum:** 83034
Common Name: Chinese Pine
Source: Minnesota Landscape Arbore **Quantity observed:** 1 **Location:** E10

Observation Date of Plant: 11/2/2018

Plant Habit: Pyramidal

Plant Height: 25-35 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pinus virginiana **Variety:**
Cultivar: Wate's Golden **Family:** Pinaceae **Tsnum:** 08033
Common Name: Wate's Golden Pine
Source: Monrovia Growers **Quantity observed:** 1 **Location:** E11

Observation Date of Plant: 11/5/2018

Plant Habit: Upright, irregular

Plant Height: 5-6 ft.

Plant Width: 8-10ft.

Current Seasons Growth: 6-8 in.

Foliage Color: Medium green and yellow

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2008. Looks more green than golden by end of season. Plant must have been pulled on by vandals as it is growing at a sharp angle and needs to be staked. Growth habit is very open, leggy and not very attractive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Platanus occidentalis **Variety:** glabrata
Cultivar: **Family:** Platanaceae **Tsnum:** 10034
Common Name: Smooth American Sycamore
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** D1

Observation Date of Plant: 9/15/2017

Plant Habit: Upright oval

Plant Height: 12-18 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 20-30 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Platanus x acerifolia **Variety:**
Cultivar: Morton Thornhill **Family:** Platanaceae **Tsnum:** 09017
Common Name: Exclamation Planetree
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC05-01

Observation Date of Plant: 9/28/2017

Plant Habit: Upright oval, pyramidal

Plant Height: 18-25 ft.

Plant Width: 14-18 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Excellent

Landscape Uses: Specimen, large shade tree

Overall Plant Health: Excellent

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. Looks very robust - bark is very attractive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow/brown

Date of observation: 10/17/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Populus deltoides **Variety:** -0-
Cultivar: -0- **Family:** Salicaceae **Tsnum:** 82221
Common Name: Cottonwood
Source: USDA, Glendale, MD **Quantity observed:** 1 **Location:** D8

Observation Date of Plant: 9/30/2018

Plant Habit: Upright oval

Plant Height: 65-75 ft.

Plant Width: 45-60 ft.

Current Seasons Growth: 10-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, difficult sites, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker, wet wood

Disease Severity: Slight injury

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 9/23/2004

Persistence: 2-4 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Populus simonii **Variety:**
Cultivar: **Family:** Salicaceae **Tsnum:** 98036
Common Name: Simon Poplar
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A11

Observation Date of Plant: 9/26/2018

Plant Habit: Upright oval

Plant Height: 60-70 ft.

Plant Width: 30-40 ft

Current Seasons Growth: 1-2 ft.

Foliage Color: Dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Slight injury on about 1-2% of canopy.

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Attractive leaf shape and color. Tree has regained shape from storm damage.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Populus tremuloides **Variety:**
Cultivar: NE Arb **Family:** Salicaceae **Tsnum:** 15058
Common Name: Prairie Gold Aspen
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C7

Observation Date of Plant: 9/30/2018

Plant Habit: Upright oval

Plant Height: 10-15 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 12-18 in

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, native planting

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Populus tremuloides **Variety:**
Cultivar: NE Arb **Family:** Salicaceae **Tsnum:** 15058
Common Name: Prairie Gold Aspen
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C8

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 8-10 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 2-3 ft.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, native planting

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017. Too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Populus x **Variety:** -0-
Cultivar: Brooks No. 6 **Family:** Salicaceae **Tsnum:** 90019
Common Name: Brooks No. 6 Poplar
Source: Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** E9

Observation Date of Plant: 10/2/2018

Plant Habit: Upright oval

Plant Height: 60-70 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, difficult sites, large shade tree

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Moderate injury

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: yellow

Date of observation: 10/6/2008

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Populus x **Variety:**
Cultivar: Northwest **Family:** Salicaceae **Tsnum:** 91134
Common Name: Northwest Poplar
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** A11

Observation Date of Plant: 7/26/2018

Plant Habit: Upright oval

Plant Height: 50-60 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 8-15 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, difficult sites, large shade tree

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests: Twig galls, aphids

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Leaf spot caused entire tree to defoliate before any others in 2004, 2012 and 2014 but not as severe in 2006, 2008, 2010 or 2018.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Populus x canadensis **Variety:** -0-
Cultivar: Eugenei Imperial **Family:** Salicaceae **Tsnum:** 81198
Common Name: Imperial Carolina Poplar
Source: USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** D9

Observation Date of Plant: 9/30/2018

Plant Habit: Upright oval

Plant Height: 70-80

Plant Width: 40-50 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, difficult sites, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Storm damage

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Potentilla fruticosa **Variety:**
Cultivar: Bailbrule **Family:** Rosaceae **Tsnum:** 16083
Common Name: First Editions Crème Brulee Potentilla
Source: Bailey Nurseries **Quantity observed:** 4 **Location:** C1, C2

Observation Date of Plant: 9/14/2017

Plant Habit: Young, undefined

Plant Height: 1-2 ft.

Plant Width: 1-4 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers: 9/13/2017

Flower Color: White/cream

Flower Type: Single

Flower Effect: Fair

% of Flower Coverage: 5%

Bloom Stage: Past peak

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Potentilla fruticosa **Variety:**
Cultivar: Bailcitrus **Family:** Rosaceae **Tsnum:** 17072
Common Name: First Editions Citrus Tart Potentilla
Source: Bailey Nurseries **Quantity observed:** 4 **Location:** C1, C2, D1

Observation Date of Plant: 9/12/2017

Plant Habit: Round

Plant Height: 2 ft.

Plant Width: 2 ft.

Current Seasons Growth: 3-5 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Potentilla fruticosa **Variety:**
Cultivar: Bailmeringue **Family:** Rosaceae **Tsnum:** 16084
Common Name: First Editions Lemon Meringue Potentilla
Source: Bailey Nurseries **Quantity observed:** 4 **Location:** D1

Observation Date of Plant: 9/15/2017

Plant Habit: Young, undefined

Plant Height: 1 ft.

Plant Width: 1 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Potentilla fruticosa **Variety:** -0-
Cultivar: Catherine Dykes **Family:** Rosaceae **Tsnum:** 78131
Common Name: Katherine Dykes Cinquefoil
Source: Unknown **Quantity observed:** 1 **Location:** C2

Observation Date of Plant: 9/14/2017

Plant Habit: Broad oval

Plant Height: 2-4 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Fair

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2008. Growth habit is less uniform than others. Looks slightly chlorotic but should improve in future since nearby plants removed to reduce shading.

Observation Date of Flowers: 7/6/2011

Flower Color: Cream

Flower Type: Single

Flower Effect: Good

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers: A big flush of color in June but less than P. 'McKay White' in July.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Potentilla fruticosa **Variety:** -0-
Cultivar: Goldfinger **Family:** Rosaceae **Tsnum:** 85110
Common Name: Goldfinger Cinquefoil
Source: Forrest Keeling Nursery **Quantity observed:** 1 **Location:** D2

Observation Date of Plant: 9/15/2017

Plant Habit: Broad oval

Plant Height: 3-4 ft.

Plant Width: 4-6 ft

Current Seasons Growth: 8-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Fair

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Vigor may improve now that nearby plants were removed and has more space.

Observation Date of Flowers: 7/6/2011

Flower Color: Yellow

Flower Type: Single

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers: Relatively larger petals.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Potentilla fruticosa **Variety:** -0-
Cultivar: Klondike **Family:** Rosaceae **Tsnum:** 85111
Common Name: Klondike Cinquefoil
Source: Forrest Keeling Nursery **Quantity observed:** 1 **Location:** C2, C1

Observation Date of Plant: 9/12/2017

Plant Habit: Broad oval

Plant Height: 3-4.5 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Fair to good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated February 2007. About 15% of canopy is moderately chlorotic from unknown cause.

Observation Date of Flowers: 7/6/2011

Flower Color: Yellow

Flower Type: Single

Flower Effect: Excellent

% of Flower Coverage: 50-70%

Bloom Stage: Flowers open

Comments on Flowers: Tiny flowers but a lot of them.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Potentilla fruticosa **Variety:**
Cultivar: Kobalt **Family:** Rosaceae **Tsnum:** 95118
Common Name: Kobalt Cinquefoil
Source: Oregon Garden Products **Quantity observed:** 1 **Location:** C1

Observation Date of Plant: 9/13/2017
Plant Habit: Round becoming broad oval
Plant Height: 3-4 ft.
Plant Width: 4-5 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Not very important
Plant Summer Texture: Fine
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Fair
Fruit Present: Unimportant
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Marginal
Comments on plant: Rejuvenated in 2008. Is moderately chlorotic from unknown cause.

Observation Date of Flowers: 7/6/2011
Flower Color: Yellow
Flower Type: Single
Flower Effect: Good
% of Flower Coverage: 76-100%
Bloom Stage: Flowers open
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Potentilla fruticosa **Variety:**
Cultivar: Monsidh **Family:** Rosaceae **Tsnum:** 08144
Common Name: Frosty Potentilla
Source: Monrovia Growers **Quantity observed:** 1 **Location:** C1

Observation Date of Plant: 9/13/2017

Plant Habit: Round to irregular

Plant Height: 2-3 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium Green

Bark Characteristics: Not very important

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Fair to good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted late in 2008 and slow to establish. Has slight chlorosis.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Potentilla fruticosa **Variety:** -0-
Cultivar: Primrose Beauty **Family:** Rosaceae **Tsnum:** 83208
Common Name: Primrose Beauty Cinquefoil
Source: Monrovia Growers **Quantity observed:** 1 **Location:** C1

Observation Date of Plant: 9/13/2017

Plant Habit: Irregular or round

Plant Height: 3-4.5 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Fair

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated February 2007. Growth habit is a little leggy.

Observation Date of Flowers: 7/6/2011

Flower Color: Light yellow/cream

Flower Type: Single

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Potentilla fruticosa **Variety:**
Cultivar: Sunspot **Family:** Rosaceae **Tsnum:** 94086
Common Name: Sunspot Potentilla
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** C1

Observation Date of Plant: 9/13/2017

Plant Habit: Round

Plant Height: 3-4 ft.

Plant Width: 4-7 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2008. Best looking Potentilla after sudden severe freeze November 2014. Growth habit is very uniform and compact.

Observation Date of Flowers: 7/6/2011

Flower Color: Yellow

Flower Type: Single

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Potentilla fruticosa **Variety:** -0-
Cultivar: Veitchii **Family:** Rosaceae **Tsnum:** 83283
Common Name: Vetch Cinquefoil
Source: USDA, Cheyenne **Quantity observed:** 1 **Location:** D1

Observation Date of Plant: 9/15/2017

Plant Habit: Broad oval to round

Plant Height: 3 -4.5 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Fair

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated February 2007. Lost 30-50 of stems during sudden severe freeze November 2014. Would probably look better with full sun.

Observation Date of Flowers: 7/6/2011

Flower Color: Yellow

Flower Type: Single

Flower Effect: Good

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Prunus **Variety:**
Cultivar: Cripozam **Family:** Rosaceae **Tsnum:** 07025
Common Name: Crimson Pointe Flowering Plum
Source: Femrite Nursery Company **Quantity observed:** 2 **Location:** SC08-02, 09-17

Observation Date of Plant: 10/3/2018
Plant Habit: Columnar or narrow vase
Plant Height: 10-15 ft.
Plant Width: 3-5 ft.
Current Seasons Growth: 4-10 in.

Foliage Color: Dark red
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair to good
Landscape Uses: Specimen

Overall Plant Health: Fair to good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: 5-10% of crown one of two

Cultural Problems:

Nuisances: Severe suckering

Recommended: Marginal

Comments on plant: Planted in arboretum in 2009. One of two looks a little leggy. Vigor is a little low possibly due to irrigation problem during construction in 2015.

Observation Date of Flowers: 3/28/2012

Flower Color: White with a hint of pink.

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Prunus **Variety:**
Cultivar: JFS-KW14 **Family:** Rosaceae **Tsnum:** 17029
Common Name: First Blush Cherry
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC10-06, 08-06

Observation Date of Plant: 9/28/2018
Plant Habit: Upright oval
Plant Height: 8-10 ft.
Plant Width: 4-6 ft.
Current Seasons Growth: 8-12 in

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair to good
Landscape Uses: Specimen

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of two damaged by deer to lower 20-30% of canopy but should recover.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Prunus **Variety:**
Cultivar: NCPH1 **Family:** Rosaceae **Tsnum:** 15065
Common Name: Pink Cascade Flowering Cherry
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC10-06, HG

Observation Date of Plant: 9/27/2018

Plant Habit: Weeping

Plant Height: 4-5 ft.

Plant Width: 4-5 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2016 and another in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Prunus **Variety:**
Cultivar: Spring Wonder **Family:** Rosaceae **Tsnum:** 13029
Common Name: Spring Wonder™ Sargent Cherry
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** SC09-15, HG

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 8-10 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen

Overall Plant Health: Fair

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2014 and another in 2017. One of two lost 25% of branches to deer in 2018.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Prunus armeniaca **Variety:** mandshurica
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 81301
Common Name: Manchurian Apricot
Source: Denver Botanic Gardens **Quantity observed:** 1 **Location:** B6

Observation Date of Plant: 9/4/2017

Plant Habit: Upright oval

Plant Height: 1-2 ft.

Plant Width: 1-2 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Near death, probably from decline or sudden, severe freeze November 2014.
Vigor may improve with removal of nearby plants and more sun.

Observation Date of Flowers: 4/5/2006

Flower Color: Pink

Flower Type: single

Flower Effect: Fair to good

% of Flower Coverage: 40-50%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Prunus armeniaca **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 78133
Common Name: Apricot
Source: Unknown **Quantity observed:** 1 **Location:** C2

Observation Date of Plant: 9/12/2017

Plant Habit: Broad oval

Plant Height: 18-25 ft.

Plant Width: 35-45 ft.

Current Seasons Growth: 1 - 2 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, under power lines

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Makes a nice tree even if the fruit gets frozen. Growth habit is a little irregular due to past snowstorm damage.

Observation Date of Flowers: 4/5/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers: Impressive sweet fragrance in a breeze.

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: yellow

Date of observation: 10/28/2008

Persistence: 1-3 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Prunus besseyi (grafted) **Variety:**
Cultivar: Pawnee Buttes **Family:** Rosaceae **Tsnum:** 09081
Common Name: Pawnee Buttes Sandcherry TREE FORM
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** SC09-18

Observation Date of Plant: 10/3/2018

Plant Habit: Broad oval

Plant Height: 5-6 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 1-3 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Moderate suckering

Recommended: Marginal

Comments on plant: Planted in 2010. Developing a lot of gummosis around graft union and a little further up.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Red

Date of observation: 10/14/2014

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Prunus cerasifera **Variety:**
Cultivar: Cripoizam **Family:** Rosaceae **Tsnum:** 08012
Common Name: Crimson Pointe Plum
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C6

Observation Date of Plant: 9/4/2017

Plant Habit: Columnar or narrow vase

Plant Height: 12-18 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Dark red

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. Canopy is flopping to the side due to late May snowfall but looking better now.

Observation Date of Flowers: 3/27/2012

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Prunus cerasifera **Variety:** -0-
Cultivar: Newport **Family:** Rosaceae **Tsnum:** 93049
Common Name: Kankakee Newport Plum
Source: A. McGill & Son Nursery **Quantity observed:** 2 **Location:** SC9-19,20

Observation Date of Plant: 10/3/2018

Plant Habit: Broad oval to round

Plant Height: 12-18 ft.

Plant Width: 18-24 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Red

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved Spring of 2003 due to unavoidable construction. Has a lot of suckers one of two trees.

Observation Date of Flowers: 4/21/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 90-100%

Bloom Stage: Flowers open

Comments on Flowers: Has a maroon eye.

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: burnt red, dark red

Date of observation: 10/16/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Prunus fontanesiana **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 78134
Common Name: Des Fontaines Cherry
Source: USDA/NC-7 **Quantity observed:** 1 **Location:** B5

Observation Date of Plant: 9/5/2017

Plant Habit: Upright oval

Plant Height: 55-65 ft.

Plant Width: 45-55 ft.

Current Seasons Growth: 8 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Excellent

Landscape Uses: Wildlife, specimen, large shade tree

Overall Plant Health: Excellent

Fruit Present: Few fruit

Fruit Color: Purple

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Very attractive gray and red bark. One of the few Prunus not to have ever had major storm damage.

Observation Date of Flowers: 4/21/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 90-100%

Bloom Stage: Flowers open

Comments on Flowers: Very showy.

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 10/16/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Prunus hortulana **Variety:**
Cultivar: Ames 32078 **Family:** Rosaceae **Tsnum:** 15069
Common Name: Hortulan Plum
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** C5

Observation Date of Plant: 9/23/2017

Plant Habit: Young, undefined

Plant Height: 3-5 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Prunus mahaleb **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 83156
Common Name: Cherry
Source: Forrest Keeling Nursery **Quantity observed:** 1 **Location:** C5

Observation Date of Plant: 9/23/2017

Plant Habit: Broad oval

Plant Height: 35-45 ft.

Plant Width: 50-60 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Never seems not to have any significant problems except for some occasional storm damage.

Observation Date of Flowers: 4/21/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 90-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Prunus nigra **Variety:** -0-
Cultivar: Princess Kay **Family:** Rosaceae **Tsnum:** 88139
Common Name: Princess Kay Canada Plum
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** B6

Observation Date of Plant: 9/4/2017
Plant Habit: Upright oval becoming irregular
Plant Height: 12-17 ft.
Plant Width: 14-18 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Poor
Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Fair
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances: Minor suckers
Recommended: Marginal

Comments on plant: Growth habit deformed by snow. Not a long term tree but fantastic when young.

Observation Date of Flowers: 4/15/2006

Flower Color: White
Flower Type: Cluster
Flower Effect: Excellent
% of Flower Coverage: 90-100%
Bloom Stage: Flowers open

Comments on Flowers: Beautiful tufts of double flowers. Fades to pink as it matures.

Fall Color or Fruit: Fall color **Date of observation:** 10/6/2008
Aesthetics: Excellent **Persistence:** 1-2 weeks
Fall Color: purple, orange, red

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Prunus padus **Variety:**
Cultivar: Berg Redleaf **Family:** Rosaceae **Tsnum:** 07031
Common Name: Redleaf May Day Tree
Source: Bailey Nurseries **Quantity observed:** 3 **Location:** C6, SC10-5,12

Observation Date of Plant: 10/3/2018
Plant Habit: Upright oval
Plant Height: 12-16 ft.
Plant Width: 8-12 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Dark red
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Wildlife, specimen

Overall Plant Health: Fair
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Moderate injury

Cultural Problems:

Nuisances: Moderate suckering

Recommended: Yes

Comments on plant: Planted in 2009. Not as leggy as the species. Has best red foliage of any Prunus in arboretum - very dark rich color and clean. One of three trees has extensive gummosis on south side of trunk. Another tree was disfigured by storm damage.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Prunus padus **Variety:**
Cultivar: DTR 117 **Family:** Rosaceae **Tsnum:** 02046
Common Name: Summer Glow Bird Cherry
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C6

Observation Date of Plant: 9/4/2017
Plant Habit: Upright oval
Plant Height: 15-25 ft.
Plant Width: 15-20 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Dark red
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair to good
Landscape Uses: Wildlife, specimen

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems: Many suckers

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2004. Has a large bend in the trunk about halfway up so it appears to have a strange growth habit but starting to regain normal growth habit.

Observation Date of Flowers: 4/26/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 50-70%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Dark purple

Date of observation: 10/6/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Prunus sargentii **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 82109
Common Name: Sargent Cherry
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C5

Observation Date of Plant: 9/23/2017

Plant Habit: Vase

Plant Height: 27-34 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 8 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Large scar from sun scald or canker on trunk will shorten life span of this tree as well as ruin aesthetics of trunk. May be wider if not crowded by neighboring plants.

Observation Date of Flowers: 3/26/2012

Flower Color: Pink

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: orangish red, orange

Date of observation: 10/16/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Prunus sargentii **Variety:**
Cultivar: Pink Flair **Family:** Rosaceae **Tsnum:** 01017
Common Name: Pink Flair Cherry
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC10-11

Observation Date of Plant: 10/3/2018

Plant Habit: Vase

Plant Height: 10-15 ft.

Plant Width: 6-9 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Slight suckering

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 4/14/2006

Flower Color: Pink

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 90-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Red, orange

Date of observation: 10/14/2014

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Prunus subhirtella **Variety:**
Cultivar: Pishshazam **Family:** Rosaceae **Tsnum:** 11083
Common Name: Pink Snow-Showers Weeping Cherry
Source: Dr. Klett **Quantity observed:** 1 **Location:** C6

Observation Date of Plant: 9/4/2017

Plant Habit: weeping

Plant Height: 8-10 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 4-6 in.

Foliage Color: Medium green

Bark Characteristics: important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in 2016 due to unavoidable construction so vigor is lower in 2017.

Observation Date of Flowers: 4/16/2018

Flower Color: Pink

Flower Type: Cluster

Flower Effect: Very showy

% of Flower Coverage: 70-80%

Bloom Stage: Near peak

Comments on Flowers: Not flowering at end of branches but still showy.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Prunus subhirtella **Variety:**
Cultivar: Pishshzam **Family:** Rosaceae **Tsnum:** 09047
Common Name: Pink Snow Showers Flowering Cherry
Source: Carlton Plants **Quantity observed:** 2 **Location:** C5, C6

Observation Date of Plant: 9/4/2017
Plant Habit: Weeping
Plant Height: 5-6 ft.
Plant Width: 5-8 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen

Overall Plant Health: Fair
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Moderate injury

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. May have better vigor in more sun.

Observation Date of Flowers: 3/30/2012

Flower Color: Pink

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 40-65%

Bloom Stage: Flowers open

Comments on Flowers: Still getting established and should have more flowers as it matures.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Prunus tenella **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 04039
Common Name: Dwarf Russian Almond
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** B6

Observation Date of Plant: 9/4/2017

Plant Habit: Round

Plant Height: 3-4 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 4-6 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: May be planted in too much shade.

Nuisances:

Recommended: Yes

Comments on plant: Nearby shrub shading plants due to being deformed by late snow in 2017.

Observation Date of Flowers: 4/15/2007

Flower Color: Pink

Flower Type: Single

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ptelea polyadenia **Variety:** -0-
Cultivar: -0- **Family:** Rutaceae **Tsnum:** 81297
Common Name: Hoptree
Source: Denver Botanic Gardens **Quantity observed:** 1 **Location:** D0

Observation Date of Plant: 9/14/2017

Plant Habit: Broad oval or round

Plant Height: 15-20 ft.

Plant Width: 18-25 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Moderate suckering.

Recommended: Yes

Comments on plant: About 40-50% of canopy removed in 2003 due to damage from late snow.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pterocarya stenoptera **Variety:**
Cultivar: **Family:** Juglancaceae **Tsnum:** 98072
Common Name: Chinese Wingnut
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** D6

Observation Date of Plant: 9/30/2018

Plant Habit: Misshapen, upright

Plant Height: 18-25 ft.

Plant Width: 15-25 ft.

Current Seasons Growth: 10-15 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Crowding from nearby trees

Nuisances:

Recommended: Yes

Comments on plant: Attractive foliage and good vigor but poor form. Would look better if it had more space and wasn't leaning because it was crowded. Does not appear to be able to correct growth habit and will result in tree failure.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pyrus **Variety:**
Cultivar: NCPX1 **Family:** Rosaceae **Tsnum:** 16025
Common Name: Javelin Flowering Pear
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC08-18, HG

Observation Date of Plant: 9/27/2018

Plant Habit: Columnar

Plant Height: 8-11 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, narrow areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016 and another in 2017. One of two suffered a broken branch from deer damage but it shouldn't be a major problem. Same tree also has a lot of suckers.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pyrus **Variety:**
Cultivar: Silver Ball **Family:** Rosaceae **Tsnum:** 06027
Common Name: Silver Ball Pear
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC09-12

Observation Date of Plant: 10/3/2018

Plant Habit: Upright oval

Plant Height: 12-18 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 8-12 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Excellent

Fruit Present: Few

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2008. No suckering. Growth habit is very uniform.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pyrus betulifolia **Variety:** -0-
Cultivar: The Dancer **Family:** Rosaceae **Tsnum:** 87181
Common Name: The Dancer Pear
Source: Discover-Tree Research **Quantity observed:** 1 **Location:** D2

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval

Plant Height: 20-30 ft.

Plant Width: 20-25 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Fair to poor

Fruit Present: Few fruit

Fruit Color: Tan, not showy

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Deformed by past snow load. Has moderate chlorosis. 20% of canopy is dead from unknown cause.

Observation Date of Flowers: 4/19/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 40-60%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pyrus calleryana **Variety:**
Cultivar: Bradford x Redspire **Family:** Rosaceae **Tsnum:** 94127
Common Name: Bradford x Redspire Pear
Source: Forrest Keeling Nursery **Quantity observed:** 1 **Location:** SC8-16

Observation Date of Plant: 10/3/2018

Plant Habit: Upright, irregular

Plant Height: 15-20 ft.

Plant Width: 18-25 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Red/tan

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Severe injury

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Growth habit is poor due to extensive pruning in 2015 to remove dead branches from canker injury.

Observation Date of Flowers: 4/2/2012

Flower Color: White

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 60-70%

Bloom Stage: Flowers open

Comments on Flowers: Bud is pink. Trees has poor vigor.

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: red, dark red

Date of observation: 10/2/2009

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pyrus calleryana **Variety:** -0-
Cultivar: Capital **Family:** Rosaceae **Tsnum:** 87173
Common Name: Capital Callery Pear
Source: Monrovia Growers **Quantity observed:** 1 **Location:** D1

Observation Date of Plant: 9/15/2017

Plant Habit: Irregular to upright oval

Plant Height: 30-40 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen, residential street tree

Overall Plant Health: Fair to poor

Fruit Present: Few fruit

Fruit Color: Tan, not showy

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Growth habit isn't very attractive - branches go in different directions and appear leggy. Probably deformed by snow load. On 11/16/09 snow broke off a large branch - about 25% of canopy. 30% of top has severe chlorosis or dieback from

Observation Date of Flowers: 4/15/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pyrus calleryana **Variety:** -0-
Cultivar: Cleveland **Family:** Rosaceae **Tsnum:** 91114
Common Name: Cleveland Callery Pear
Source: Schichtel's Nursery **Quantity observed:** 1 **Location:** C3

Observation Date of Plant: 9/23/2017

Plant Habit: Narrow, upright oval

Plant Height: 35-45 ft.

Plant Width: 12-18 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, narrow areas

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Tan, not showy

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is slightly irregular due to snow damage a few years ago.

Observation Date of Flowers: 4/2/2012

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-90%

Bloom Stage: Flowers open

Comments on Flowers: Few flowers on branches in partial shade

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pyrus calleryana **Variety:** -0-
Cultivar: Cleveland Select **Family:** Rosaceae **Tsnum:** 88101
Common Name: Cleveland Select Callery Pear
Source: Carlton Plants **Quantity observed:** 1 **Location:** D2

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval

Plant Height: 35-45 ft.

Plant Width: 20-30 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, narrow areas

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Tan, not showy

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: A few branches are deformed by past snow loads - looks a little leggy but regaining form.

Observation Date of Flowers: 3/30/2012

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 80-95%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: red, some yellow

Date of observation: 11/3/2005

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pyrus calleryana **Variety:**
Cultivar: Gladzam **Family:** Rosaceae **Tsnum:** 04024
Common Name: Gladiator Flowering Pear
Source: Femrite Nursery Company **Quantity observed:** 2 **Location:** SC08-17, SC11-11

Observation Date of Plant: 10/3/2018

Plant Habit: Upright oval

Plant Height: 10-15 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green, glossy

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, confined areas

Overall Plant Health: Good

Fruit Present: Few, 0.5 in. diameter

Fruit Color: Dark tan with a hint red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2009. Has a nice growth habit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Pyrus calleryana **Variety:** -0-
Cultivar: Glen's Form **Family:** Rosaceae **Tsnum:** 88089
Common Name: Chanticleer Callery Pear
Source: Handy Nursery Co. **Quantity observed:** 1 **Location:** D2

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval

Plant Height: 35-45 ft.

Plant Width: 25-32 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, narrow areas

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Tan, not showy

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Canopy is more open than when young.

Observation Date of Flowers: 3/30/2012

Flower Color: White, pink buds

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 85-95%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pyrus calleryana **Variety:** -0-
Cultivar: Glen's Form' **Family:** Rosaceae **Tsnum:** 88097
Common Name: Chanticleer Callery Pear
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** D2

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval

Plant Height: 35-45 ft.

Plant Width: 15 - 20 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Medium to light green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, specimen, narrow areas

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Tan, not showy

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is affected by nearby trees - might be wider if had more space.
Lower branches getting shaded out.

Observation Date of Flowers: 4/2/2012

Flower Color: White, pink buds

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 75-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pyrus calleryana **Variety:**
Cultivar: Jackzam **Family:** Rosaceae **Tsnum:** 06005
Common Name: Jack Dwarf Flowering Pear
Source: Femrite Nursery Company **Quantity observed:** 1 **Location:** SC08-5

Observation Date of Plant: 10/4/2018

Plant Habit: Upright oval

Plant Height: 12-16 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, confined areas

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Army green with a blush of red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Attractive, compact, growth habit and smaller leaves. Planted in arboretum in 2008. Looks great.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pyrus calleryana **Variety:**
Cultivar: Jaczam **Family:** Rosaceae **Tsnum:** 05001
Common Name: Jack Dwarf Flowering Pear
Source: Femrite Nursery Company **Quantity observed:** 1 **Location:** SC8-15

Observation Date of Plant: 10/3/2018

Plant Habit: Upright oval

Plant Height: 6-9 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, narrow areas

Overall Plant Health: Good

Fruit Present: Moderate amount, round and fairly showy

Fruit Color: Army green with a blush of red

Insect Pests:

Pest Severity:

Plant Disease: Leaf spot

Disease Severity: Slight injury

Cultural Problems:

Nuisances: Moderate suckering

Recommended: Yes

Comments on plant: Planted in arboretum in Fall 2006.

Observation Date of Flowers: 4/5/2012

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 85-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pyrus calleryana **Variety:**
Cultivar: Jaczam **Family:** Rosaceae **Tsnum:** 10020
Common Name: Jack Pear
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C3

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval

Plant Height: 8-12 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012. Has a slight lean to top 20% probably deformed by heavy snow in May 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 11/4/2015

Aesthetics: Excellent, bright **Persistence:** 1-2 weeks

Fall Color: Rosy red/yellow overall

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Pyrus calleryana **Variety:**
Cultivar: Lililzam **Family:** Rosaceae **Tsnum:** 08017
Common Name: Lil' Jill Flowering Pear
Source: Femrite Nursery Company **Quantity observed:** 1 **Location:** C3

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval

Plant Height: 6-8 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011.

Observation Date of Flowers: 4/2/2012

Flower Color: White

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 40-50%

Bloom Stage: Flowers open

Comments on Flowers: Will probably get more flowers as it matures.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pyrus calleryana **Variety:** -0-
Cultivar: Stonehill **Family:** Rosaceae **Tsnum:** 92010
Common Name: Stonehill Callery Pear
Source: A. McGill & Son Nursery **Quantity observed:** 2 **Location:** D3, C3

Observation Date of Plant: 9/23/2017
Plant Habit: Narrow, upright oval becoming irregular
Plant Height: 32-40 ft.
Plant Width: 15-20 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good
Fruit Present: Few fruit
Fruit Color: Tan, not showy
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:
Nuisances:

Recommended: Yes

Comments on plant: Deformed by past snow loads - growth habit is slow to regain form but getting close to normal.

Observation Date of Flowers: 3/30/2012

Flower Color: White
Flower Type: Cluster
Flower Effect: Good
% of Flower Coverage: 80-90%
Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color
Aesthetics: Good
Fall Color: Red

Date of observation: 11/10/2005
Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Pyrus calleryana **Variety:**
Cultivar: Whitehouse **Family:** Rosaceae **Tsnum:** 01041
Common Name: Whitehouse Pear
Source: Monrovia Growers **Quantity observed:** 3 **Location:** D2, D1, SC8-20

Observation Date of Plant: 10/3/2018
Plant Habit: Upright oval
Plant Height: 18-24 ft.
Plant Width: 8-12 ft.
Current Seasons Growth: 10-15 in.

Foliage Color: Medium to dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen, small/confined areas

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Moderate to severe on one of three

Cultural Problems:

Nuisances: Slight suckering

Recommended: Yes

Comments on plant: Slightly deformed by past snow loads. Planted in arboretum in 2002. One of three has a lot of bark falling off trunk from canker and 20% of canopy is dead but the other two look good

Observation Date of Flowers: 3/26/2012

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 90-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Pyrus fauriei **Variety:**
Cultivar: Korean Sun **Family:** Rosaceae **Tsnum:** 96076
Common Name: Korean Sun Flowering Pear
Source: Carlton Plants **Quantity observed:** 1 **Location:** SC9-8

Observation Date of Plant: 10/3/2018

Plant Habit: Broad oval

Plant Height: 8-12 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Moderate suckering

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 4/21/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 90-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Red

Date of observation: 10/15/2012

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: *Pyrus fauriei* **Variety:**
Cultivar: Westwood **Family:** Rosaceae **Tsnum:** 98035
Common Name: Korean Sun Flowering Pear
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC7-3

Observation Date of Plant: 10/2/2018

Plant Habit: Round

Plant Height: 12-18 ft.

Plant Width: 18-25 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: Few - not showy

Fruit Color: Army green/tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: Red

Date of observation: 10/1/2009

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pyrus regleii **Variety:** -0-
Cultivar: Angel Wing **Family:** Rosaceae **Tsnum:** 87106
Common Name: Angel Wing Pear
Source: Pacific Coast Nursery **Quantity observed:** 1 **Location:** D2

Observation Date of Plant: 9/23/2017

Plant Habit: Round to irregular

Plant Height: 12-18 ft.

Plant Width: 12-18 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Gray/green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Leaf spot

Disease Severity: Slight injury

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Usually starts defoliating in August due to foliar disease but not much of a problem in 2017. Canopy is still a little thin.

Observation Date of Flowers: 4/21/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 25-40%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pyrus ussuriensis **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 82216
Common Name: Chinese Pear
Source: USDA, Mandan, ND **Quantity observed:** 1 **Location:** C2

Observation Date of Plant: 9/12/2017

Plant Habit: Broad oval

Plant Height: 25-35 ft.

Plant Width: 40-50 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Maintains a pleasing growth habit even as it matures as opposed to many other P. calleryanas. Appears to get fall color earlier and drop leaves quicker than Callery so maybe less susceptible to snow damage. This could become wider if

Observation Date of Flowers: 3/26/2012

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-80%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: golden yellow

Date of observation: 10/5/2011

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Pyrus ussuriensis **Variety:**
Cultivar: Mordak **Family:** Rosaceae **Tsnum:** 95038
Common Name: Prairie Gem Pear
Source: J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** SC08-14, SC09-9,10,

Observation Date of Plant: 10/3/2018

Plant Habit: Broad oval to round

Plant Height: 12-18 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Army green/tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One tree was moved in 2017 due to unavoidable construction but looked like it was doing well in 2017.

Observation Date of Flowers: 3/28/2012

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 85-95%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pyrus ussuriensis **Variety:** compactum
Cultivar: Mordak Prariegem **Family:** Rosaceae **Tsnum:** 91135
Common Name: Mordak Prariegem Chinese Pear
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** C3

Observation Date of Plant: 9/23/2017
Plant Habit: Upright oval becoming round
Plant Height: 22-28 ft.
Plant Width: 20-30 ft.
Current Seasons Growth: 8-12 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: May grow wider if not crowded by neighboring plants.

Observation Date of Flowers: 3/30/2012

Flower Color: White

Flower Type: Cluster

Flower Effect: Fair to poor

% of Flower Coverage: 50-60%

Bloom Stage: Flowers open

Comments on Flowers: May need full sun for best flowering but still is inferior to other Pyrus.

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: bright yellow

Date of observation: 10/9/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Pyrus x **Variety:**
Cultivar: Edgewood **Family:** Rosaceae **Tsnum:** 98032
Common Name: Edgewood Pear
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC09-11

Observation Date of Plant: 10/3/2018

Plant Habit: Upright oval, irregular

Plant Height: 15-20 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: Moderate amount of fruit

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Appears to have been deformed by snow damage October 2011. Moved Spring of 2003 due to unavoidable construction.

Observation Date of Flowers: 4/21/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Poor

% of Flower Coverage: 15-25%

Bloom Stage: Flowers open. Flowers mainly on lower third of plant.

Comments on Flowers: Pink buds.

Fall Color or Fruit: Fall color

Date of observation: 10/16/2003

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: Magenta red, orange

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus **Variety:**
Cultivar: Crimschmidt **Family:** Fagaceae **Tsnum:** 95039
Common Name: Crimson Spire Oak
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC7-11

Observation Date of Plant: 10/2/2018

Plant Habit: Columnar

Plant Height: 22-28 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: none

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved Spring of 2003 due to unavoidable construction. Excellent growth habit - very uniform.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: bright red, dark red

Date of observation: 10/16/2003

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Quercus acutissima **Variety:** -0-
Cultivar: -0- **Family:** Fagaceae **Tsnum:** 80347
Common Name: Sawtooth Oak
Source: US Nat'l Arboretum **Quantity observed:** 1 **Location:** B4

Observation Date of Plant: 9/5/2017

Plant Habit: Irregular

Plant Height: 14-18 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 2-4 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Severely misshapen due to storm damage. Appears mildly chlorotic.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus acutissima **Variety:**
Cultivar: Gobbler **Family:** Fagaceae **Tsnum:** 03036
Common Name: Gobbler Sawtooth Oak
Source: Forrest Keeling Nursery **Quantity observed:** 1 **Location:** B5

Observation Date of Plant: 10/9/2017

Plant Habit: Irregular

Plant Height: 6-8 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, large shade tree, wildlife

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Was in lathhouse too long and developed a lean to one side.

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus alba **Variety:**
Cultivar: Ames 27340 **Family:** Fagaceae **Tsnum:** 08069
Common Name: White Oak
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A2

Observation Date of Plant: 8/28/2017

Plant Habit: Young, undefined

Plant Height: 4-6 ft.

Plant Width: 2-4 ft.

Current Seasons Growth: 1-3 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, shade tree

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: At edge of arboretum where irrigation is more difficult.

Nuisances:

Recommended: No

Comments on plant: Planted in 2013. Very chlorotic. Poor vigor.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus bicolor **Variety:** -0-
Cultivar: -0- **Family:** Fagaceae **Tsnum:** 78108
Common Name: Swamp White Oak
Source: Bath Nursery **Quantity observed:** 1 **Location:** A4

Observation Date of Plant: 8/30/2017

Plant Habit: Broad oval to round

Plant Height: 15 - 20 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Poor

Landscape Uses: Large, shade tree

Overall Plant Health: Fair to poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Very chlorotic. Misshapen by storm damage.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair to poor

Fall Color: creamy brown

Date of observation: 10/10/2011

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus bicolor **Variety:**
Cultivar: Ames 29669 **Family:** Fagaceae **Tsnum:** 11007
Common Name: Swamp White Oak
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** B4, SC06-01

Observation Date of Plant: 9/28/2017

Plant Habit: Young, undefined

Plant Height: 7-9 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 2-4 in

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, large shade tree

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2014.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair to good

Fall Color: Golden yellow, tan

Date of observation: 11/13/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus bicolor **Variety:**
Cultivar: Ames 29670 **Family:** Fagaceae **Tsnum:** 11008
Common Name: Swamp White Oak
Source: USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** A3, A4, B4

Observation Date of Plant: 8/30/2017

Plant Habit: Young, undefined

Plant Height: 7-9 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 2-4 in

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, large shade tree

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2014. One of two suffered some drought stress in 2015 but should recover. Third tree planted in 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus bicolor **Variety:**
Cultivar: Bonnie and Mike **Family:** Fagaceae **Tsnum:** 12032
Common Name: Beacon Oak
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** A3, SC07-13

Observation Date of Plant: 10/2/2018
Plant Habit: Upright, narrow columnar
Plant Height: 8-10 ft.
Plant Width: 2-3 ft.
Current Seasons Growth: 4-8 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair to good
Landscape Uses: Specimen

Overall Plant Health: Fair
Fruit Present: None
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Planted in 2013.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus bicolor **Variety:**
Cultivar: JFS-KW18 **Family:** Fagaceae **Tsnum:** 11016
Common Name: Heartland Swamp White Oak
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A4

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval

Plant Height: 7-9 ft.

Plant Width: 4-5 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Medium to dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, large shade tree

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2014. Has slight chlorosis.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Yellow

Date of observation: 11/4/2015

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Quercus borealis **Variety:**
Cultivar: **Family:** Fagaceae **Tsnum:** 00046
Common Name: Northern Red Oak
Source: Carlton Plants **Quantity observed:** 2 **Location:** A3, SC7-6

Observation Date of Plant: 10/2/2018

Plant Habit: Upright oval

Plant Height: 25-35 ft.

Plant Width: 8-15 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Vigor is a little low on one of two but both look okay overall. The one would probably look better with full sun.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good to excellent

Fall Color: Rosy red

Date of observation: 10/8/2009

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Quercus ellipsoidalis **Variety:**
Cultivar: **Family:** Fagaceae **Tsnum:** 99012
Common Name: Northern Pin Oak
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** A5

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval

Plant Height: 10-15 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus gambelii **Variety:** -0-
Cultivar: -0- **Family:** Fagaceae **Tsnum:** 78106
Common Name: Gambel Oak
Source: Western Evergreen Nursery **Quantity observed:** 1 **Location:** A4

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval

Plant Height: 35-45 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Native planting, xeriscape, small/confined areas, small tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Severe suckering

Recommended: Yes

Comments on plant: This specimen has a very strong central leader.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus gambelii **Variety:** -0-
Cultivar: -0- **Family:** Fagaceae **Tsnum:** 78054
Common Name: Gambel Oak
Source: Colorado Nurseryman **Quantity observed:** 1 **Location:** B3

Observation Date of Plant: 10/9/2017

Plant Habit: Round, multi-stem

Plant Height: 20-30 ft.

Plant Width: 35-45 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium to dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Native planting, xeriscape, small/confined areas, small tree or large shrub

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests: Galls

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Prolific suckering

Recommended: Yes

Comments on plant: Attractive but suckers are a problem.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: bronze, yellow

Date of observation: 9/23/2004

Persistence: 2-4 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus macrocarpa **Variety:**
Cultivar: Dakota Sunrise **Family:** Fagaceae **Tsnum:** 98049
Common Name: Dakota Sunrise Bur Oak
Source: Direct Value Nursery, St. Cha **Quantity observed:** 1 **Location:** SC7-5

Observation Date of Plant: 10/2/2018

Plant Habit: Upright oval

Plant Height: 23-28 ft.

Plant Width: 12-18 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests: Galls, abundant

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Slight suckering

Recommended: Yes

Comments on plant: Seems to develop large populations of galls on stems which are round and almost ornamental in the winter but may be reducing vigor. Foliage is very dense and very dark green.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: yellow, red

Date of observation: 10/16/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus macrocarpa **Variety:**
Cultivar: JFS-KW14 **Family:** Fagaceae **Tsnum:** 16027
Common Name: Cobblestone Oak
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** HG

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 9-12 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Shade tree, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus macrocarpa **Variety:**
Cultivar: JFS-KW3 **Family:** Fabaceae **Tsnum:** 08013
Common Name: Urban Pinnacle Bur Oak
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** B4

Observation Date of Plant: 9/5/2017

Plant Habit: Upright oval

Plant Height: 7-9 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 2-4 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, xeriscape, large shade tree

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. Looks okay but lacks vigor. May be in too much shade from nearby plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Yellow, brown

Date of observation: 10/16/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus macrocarpa **Variety:**
Cultivar: Lippert **Family:** Fagaceae **Tsnum:** 06041
Common Name: Burr Oak
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** B5

Observation Date of Plant: 10/9/2017

Plant Habit: Young, undefined

Plant Height: 4-5 ft.

Plant Width: 2 ft.

Current Seasons Growth: 1-2 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, large shade tree

Overall Plant Health: Fair to poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Severe injury

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2012. Lacks vigor possibly because of too much shade from nearby plants. Lost top couple feet of central leader from unknown cause but probably canker.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus mongolica **Variety:** grosseserrata
Cultivar: -0- **Family:** Fagaceae **Tsnum:** 84062
Common Name: Mongolian Oak
Source: US Nat'l Arboretum **Quantity observed:** 1 **Location:** B4

Observation Date of Plant: 10/9/2017

Plant Habit: Upright oval

Plant Height: 25-35 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Residential street

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Minor suckering. Slightly chlorotic overall. Might have better vigor and aesthetics if not crowded by nearby trees.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Quercus palustris **Variety:**
Cultivar: Green Pillar **Family:** Fagaceae **Tsnum:** 07038
Common Name: Green Pillar Pin Oak
Source: A. McGill & Son Nursery **Quantity observed:** 1 **Location:** SC07-12

Observation Date of Plant: 10/12/2018

Plant Habit: Columnar

Plant Height: 10-14 ft.

Plant Width: 2 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green, glossy

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2014.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus petraea **Variety:**
Cultivar: 26147 **Family:** Fagaceae **Tsnum:** 02036
Common Name: Oak
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A5

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval

Plant Height: 6-7 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 1-2 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker on trunk

Disease Severity: Doesn't seem active.

Cultural Problems: Was in lathhouse too long.

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2013. Leaning to one side due to unknown cause. Foliage developing a lot of powdery mildew.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus robur **Variety:**
Cultivar: **Family:** Fagaceae **Tsnum:** 99030
Common Name: English Oak
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** SC7-7,8

Observation Date of Plant: 10/2/2018

Plant Habit: Upright oval

Plant Height: 20-30 ft.

Plant Width: 20-28 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Green turns to brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved Spring of 2003 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Yellow

Date of observation: 10/16/2003

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Quercus robur **Variety:** -0-
Cultivar: -0- **Family:** Fagaceae **Tsnum:** 78109
Common Name: English Oak
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** B5

Observation Date of Plant: 9/5/2017
Plant Habit: Upright oval
Plant Height: 50-60 ft.
Plant Width: 45-55 ft.
Current Seasons Growth: 8-12 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, large shade tree

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of two looks better than the other possibly because the second is crowded by neighboring plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus robur **Variety:** -0-
Cultivar: Pyramich **Family:** Fagaceae **Tsnum:** 87086
Common Name: Skymaster English Oak
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A3

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval

Plant Height: 50-60 ft.

Plant Width: 40-50 ft.

Current Seasons Growth: 8 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Quercus robur **Variety:** -0-
Cultivar: Westminster Globe **Family:** Fagaceae **Tsnum:** 87087
Common Name: Westminster Globe English Oak
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** A3, A2

Observation Date of Plant: 8/28/2017

Plant Habit: Round

Plant Height: 40-50 ft.

Plant Width: 40-50 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus robur fastigiata x bicolor **Variety:**
Cultivar: Long **Family:** Fagaceae **Tsnum:** 99023
Common Name: Regal Prince Oak
Source: Femrite Nursery Company **Quantity observed:** 2 **Location:** A8, SC7-10

Observation Date of Plant: 10/2/2018

Plant Habit: Columnar

Plant Height: 25-30 ft.

Plant Width: 6-9 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Not very important

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, small/narrow areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests: Scale

Pest Severity: Severe injury on one of two trees

Plant Disease: Sooty mold

Disease Severity: Slight injury

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage is an impressive dark green with a nice gloss. Dense growth habit is attractive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: bright yellow

Date of observation: 10/16/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus robur x alba **Variety:**
Cultivar: JFS-KW1QRX **Family:** Fagaceae **Tsnum:** 11017
Common Name: Streetspire Hybrid Oak
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** B4

Observation Date of Plant: 10/9/2017

Plant Habit: Columnar

Plant Height: 5-6 ft.

Plant Width: 1-2 ft.

Current Seasons Growth: 3-4 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, confined areas

Overall Plant Health: Fair to poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Severe injury

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2012. Vigor is a little low - in too much shade from nearby plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Red, darker shades

Date of observation: 11/4/2015

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Quercus shumardii **Variety:**
Cultivar: **Family:** Fagaceae **Tsnum:** 16028
Common Name: Shumard Oak
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** HG

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 12-18 ft.

Plant Width: 5-6 ft.

Current Seasons Growth: 12-18 in

Foliage Color: Medium to dark green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Shade tree, street tree, lawn tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus stellata **Variety:**
Cultivar: **Family:** Fagaceae **Tsnum:** 15104
Common Name: Post Oak
Source: Forrest Keeling Nursery **Quantity observed:** 1 **Location:** SC10-08

Observation Date of Plant: 10/3/2018

Plant Habit: Young, undefined

Plant Height: 6 ft.

Plant Width: 1-2 ft.

Current Seasons Growth: 3-4 in.

Foliage Color: Dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen, shade tree

Overall Plant Health: Fair to poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2016. Vigor is very low.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Quercus x bimundorum **Variety:**
Cultivar: Midwest **Family:** Fagaceae **Tsnum:** 09018
Common Name: Prairie Stature Oak
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** A3

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval

Plant Height: 7-10 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. May have better vigor in full sun.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Rhamnus caroliniana **Variety:**
Cultivar: **Family:** Rhamnaceae **Tsnum:** 03148
Common Name: Carolina Buckthorn
Source: Texas **Quantity observed:** 1 **Location:** E6

Observation Date of Plant: 10/5/2018

Plant Habit: Columnar

Plant Height: 8-14 ft.

Plant Width: 4-7 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Black

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Nice growth habit and very few or no fruit compared to species so should not be as invasive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Rhamnus davurica **Variety:** -0-
Cultivar: -0- **Family:** Rhamnaceae **Tsnum:** 78112
Common Name: Dahurian Buckthorn
Source: USDA/NC-7 **Quantity observed:** 1 **Location:** E6

Observation Date of Plant: 10/1/2018

Plant Habit: Broad oval

Plant Height: 18-25 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Dark green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Abundant, attractive

Fruit Color: Purple/black

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: It becomes invasive due to spreading of seeds by birds.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rhamnus frangula **Variety:** -0-
Cultivar: Asplenifolia **Family:** Rhamnaceae **Tsnum:** 89124
Common Name: Fernleaf Buckthorn
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** A6

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval

Plant Height: 10-12 ft.

Plant Width: 11-16 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Not very important

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border, small tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Getting too much shade from nearby plants.

Nuisances:

Recommended: Yes

Comments on plant: A good plant for a unique texture and appearance. Looks best in full sun. One of two has 50% dieback from too much shade from nearby trees.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Rhamnus frangula **Variety:**
Cultivar: Asplenifolia **Family:** Rhamnaceae **Tsnum:** 10003
Common Name: Fernleaf Buckthorn (tree form)
Source: Carlton Plants **Quantity observed:** 2 **Location:** E5

Observation Date of Plant: 9/30/2018

Plant Habit: Upright oval

Plant Height: 7-9 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Not very important

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. Great for adding unusually fine textured plants to landscape.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rhamnus infectoria **Variety:** -0-
Cultivar: -0- **Family:** Rhamnaceae **Tsnum:** 78111
Common Name: Avignon Berry
Source: USDA/NC-7 **Quantity observed:** 1 **Location:** E6

Observation Date of Plant: 10/1/2018

Plant Habit: Broad oval

Plant Height: 12-18 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, small tree

Overall Plant Health: Good

Fruit Present: Abundant, attractive

Fruit Color: Purple/black

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Seedlings sprouting all over due to spread by birds.

Recommended: Marginal

Comments on plant: Might make a nice small multi-stem tree if pruned up. Seedlings can be somewhat invasive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 9/23/2004

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rhododendron **Variety:**
Cultivar: UMNAZ 493 **Family:** Ericaceae **Tsnum:** 16085
Common Name: First Editions Electric Lights Double Pink Azalea
Source: Bailey Nurseries **Quantity observed:** 4 **Location:** C2

Observation Date of Plant: 9/13/2017

Plant Habit: Young, undefined

Plant Height: 2-3 ft.

Plant Width: 1-2 ft.

Current Seasons Growth: 3-7 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rhus aromatica **Variety:** -0-
Cultivar: -0- **Family:** Anacardiaceae **Tsnum:** 77009
Common Name: Fragrant Sumac
Source: Unknown **Quantity observed:** 1 **Location:** D4

Observation Date of Plant: 9/23/2017

Plant Habit: Broad oval

Plant Height: 5-7 ft.

Plant Width: 10 - 20 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Red/orange

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/28/2003

Aesthetics: Fair

Persistence: 1-2 weeks

Fall Color: golden yellow, orange, red

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Rhus aromatica **Variety:** -0-
Cultivar: Improved **Family:** Anacardiaceae **Tsnum:** 93064
Common Name: Improved Fragrant Sumac
Source: Forrest Keeling Nursery **Quantity observed:** 3 **Location:** A2, A3

Observation Date of Plant: 8/28/2017

Plant Habit: Broad oval

Plant Height: 6-9 ft.

Plant Width: 8-12 ft

Current Seasons Growth: 12-18 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: All have improved a lot since 2013. Plants may be wider if they had more space.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rhus aromatica **Variety:** serotina
Cultivar: Konza **Family:** Anacardiaceae **Tsnum:** 86178
Common Name: Konza Fragrant Sumac
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** D4

Observation Date of Plant: 9/23/2017

Plant Habit: Spreading

Plant Height: 6-7 ft.

Plant Width: 10 - 20 ft.

Current Seasons Growth: 1 - 2 ft.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rhus copallinum **Variety:**
Cultivar: **Family:** Anacardiaceae **Tsnum:** 09073
Common Name: Flameleaf Sumac
Source: USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** C5, D5

Observation Date of Plant: 9/23/2017

Plant Habit: Young, undefined

Plant Height: 3-7 ft

Plant Width: 3-8 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Shrub border

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013. Plant size is quite variable.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Very good

Fall Color: Red, orange

Date of observation: 10/13/2015

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rhus trilobata **Variety:** -0-
Cultivar: Bighorn **Family:** Anacardiaceae **Tsnum:** 93121
Common Name: Bighorn Skunkbush Sumac
Source: USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** A3

Observation Date of Plant: 8/30/2017

Plant Habit: Round to broad oval

Plant Height: 6-9 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved Spring of 2003 due to unavoidable construction. May grow wider if not crowded by nearby plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rhus trilobata **Variety:** -0-
Cultivar: Bighorn **Family:** Anacardiaceae **Tsnum:** 91127
Common Name: Bighorn Threelobed Sumac
Source: Jewell Nursery, Inc. **Quantity observed:** 2 **Location:** A2

Observation Date of Plant: 8/29/2017

Plant Habit: Broad oval

Plant Height: 6-8 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Red/orange

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Getting shaded from nearby plants.

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ribes alpinum **Variety:** -0-
Cultivar: -0- **Family:** Saxifragaceae **Tsnum:** 81314
Common Name: Alpine Currant
Source: Denver Home And Garden S **Quantity observed:** 1 **Location:** E6

Observation Date of Plant: 10/1/2018

Plant Habit: Broad oval

Plant Height: 4-6 ft.

Plant Width: 8-12 ft

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Hedge, specimen, shrub border,

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ribes alpinum **Variety:** -0-
Cultivar: Green Mound **Family:** Saxifragaceae **Tsnum:** 88123
Common Name: Green Mound Alpine Currant
Source: Timber Creek Nursery **Quantity observed:** 1 **Location:** D6

Observation Date of Plant: 9/29/2018

Plant Habit: Broad oval

Plant Height: 4-5 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium to dark green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Hedge, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Very dense growth habit and smaller foliage is attractive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ribes alpinum **Variety:**
Cultivar: Pumilum **Family:** Saxifragaceae **Tsnum:** 95059
Common Name: Pumilum Currant
Source: Sjulín Nurseries **Quantity observed:** 2 **Location:** D6

Observation Date of Plant: 9/29/2018

Plant Habit: Broad oval

Plant Height: 3-5 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium to dark green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Hedge, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Too much shade from nearby plants

Nuisances:

Recommended: Yes

Comments on plant: Nice dense, compact growth habit.

Observation Date of Flowers: 4/29/2003

Flower Color: Green/Yellow

Flower Type: Cluster

Flower Effect: Poor

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ribes alpinum **Variety:**
Cultivar: Schroeder **Family:** Saxifragaceae **Tsnum:** 95058
Common Name: Schroeder Currant
Source: Sjulín Nurseries **Quantity observed:** 2 **Location:** D7

Observation Date of Plant: 9/27/2018

Plant Habit: Broad oval

Plant Height: 3-4 ft.

Plant Width: 5-8 ft

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Two plants were rejuvenated in 2007. Growth habit would probably look better with full sun.

Observation Date of Flowers: 4/22/2003

Flower Color: White/Green

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ribes alpinum **Variety:**
Cultivar: Spreg **Family:** Saxifragaceae **Tsnum:** 03125
Common Name: Green Jeans Alpine Currant
Source: Bailey Nurseries **Quantity observed:** 3 **Location:** D6

Observation Date of Plant: 9/29/2018

Plant Habit: Broad oval, irregular

Plant Height: 3-4 ft.

Plant Width: 6-10 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Light to medium green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Hedge, shrub border

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2003. Growth habit isn't very attractive (somewhat leggy) but may do better in full sun.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ribes americanum **Variety:** -0-
Cultivar: -0- **Family:** Saxifragaceae **Tsnum:** 84023
Common Name: American Black Currant
Source: Denver Botanic Gardens **Quantity observed:** 2 **Location:** D7

Observation Date of Plant: 9/30/2018

Plant Habit: Irregular, upright

Plant Height: 4-6 ft.

Plant Width: 6-8 ft

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor to fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Leaf spot

Disease Severity: Severe injury

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Leaf spot disease always seems to make this plant defoliate early. Rejuvenated in 2008.

Observation Date of Flowers: 4/26/2006

Flower Color: Yellow

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 60-80%

Bloom Stage: Flowers open

Comments on Flowers: Nice fragrance.

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Red

Date of observation: 10/6/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ribes odoratum **Variety:** -0-
Cultivar: -0- **Family:** Saxifragaceae **Tsnum:** 84202
Common Name: Clove Currant
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** E6

Observation Date of Plant: 10/1/2018

Plant Habit: Irregular

Plant Height: 3-5 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 1-3 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Leaf spot

Disease Severity: Severe injury

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Disease causes early defoliation and is not attractive in late summer. Was rejuvenated but slow to return.

Observation Date of Flowers: 4/26/2006

Flower Color: Yellow

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 20-30%

Bloom Stage: Flowers open

Comments on Flowers: Great fragrance.

Fall Color or Fruit: Fall color

Aesthetics: Very good

Fall Color: Dark red

Date of observation: 9/26/2012

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ribes sanguineum **Variety:**
Cultivar: White Icicle **Family:** Saxifragaceae **Tsnum:** 03006
Common Name: White Icicle Flowering Currant
Source: Carlton Plants **Quantity observed:** 1 **Location:** D7

Observation Date of Plant: 9/30/2018

Plant Habit: Upright, irregular

Plant Height: 2-3.5 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Shrub border, specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in arboretum in 2003. Often seems to die back to the ground each winter - not hardy for this area although it seemed to survive last winter okay. Growth habit is very irregular.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ribes sativum **Variety:**
Cultivar: Red Lake **Family:** Grossulariaceae **Tsnum:** 16104
Common Name: Red Lake Currant
Source: Garden and Home Show **Quantity observed:** 2 **Location:** D7

Observation Date of Plant: 9/30/2018

Plant Habit: Round

Plant Height: 3-4 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Shrub border, wildlife

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ribes species **Variety:** -0-
Cultivar: -0- **Family:** Saxifragaceae **Tsnum:** 78053
Common Name: Holland Lang Currant
Source: Alaska Plant Material Center **Quantity observed:** 2 **Location:** E6, E7

Observation Date of Plant: 10/2/2018

Plant Habit: Round to broad oval

Plant Height: 2-4 ft.

Plant Width: 4-5 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Light green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Shrub border

Overall Plant Health: Fair to poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Would probably look better if not crowded by nearby plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ribes uva-crispa **Variety:**
Cultivar: Red Jacket **Family:** Grossulariaceae **Tsnum:** 03162
Common Name: Comanche Gooseberry
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** G1

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval

Plant Height: 2 - 3 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Barrier, fruit, specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2007.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Robina pseudoacacia **Variety:**
Cultivar: Frisia **Family:** Leguminosae **Tsnum:** 06036
Common Name: Frisia Locust
Source: J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** A9, SC11-8

Observation Date of Plant: 7/20/2018

Plant Habit: Upright, irregular

Plant Height: 30-35 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Yellow/green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, difficult sites

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests: Borers

Pest Severity: Minor injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2007. One tree is flopping and bending as if trunk is too weak but the other two look good.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Robinia pseudoacacia **Variety:**
Cultivar: Contorted **Family:** Fabaceae **Tsnum:** 96078
Common Name: Contorted Black Locust
Source: Carlton Plants **Quantity observed:** 3 **Location:** A9, A10

Observation Date of Plant: 7/20/2018

Plant Habit: Upright, irregular

Plant Height: 18-24 ft.

Plant Width: 15 -20 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests: Borers

Pest Severity: Moderate injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Moved in 2003 due to unavoidable construction. Canopy is thin which is probably due to borers. May need systemic insecticide for long term viability.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Robinia pseudoacacia **Variety:**
Cultivar: Inermis **Family:** Fabaceae **Tsnum:** 08006
Common Name: Globe Locust
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A9

Observation Date of Plant: 7/20/2018
Plant Habit: Round becoming broad oval
Plant Height: 10-15 ft.
Plant Width: 10-15 ft.
Current Seasons Growth: 8-12 in.

Foliage Color: Medium to dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen

Overall Plant Health: Good
Fruit Present: None
Fruit Color:
Insect Pests: Borers
Pest Severity: Slight to moderate injury
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Planted in 2011.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit:
Aesthetics:
Fall Color:

Date of observation:
Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Robinia pseudoacacia **Variety:**
Cultivar: Lace Lady **Family:** Fabaceae **Tsnum:** 09049
Common Name: Twisty Baby Black Locust
Source: Carlton Plants **Quantity observed:** 1 **Location:** A10

Observation Date of Plant: 7/20/2018

Plant Habit: Irregular

Plant Height: 7-10 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen

Overall Plant Health: fair

Fruit Present: None

Fruit Color:

Insect Pests: Borers

Pest Severity: Moderate injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2011. Lost central leader. Borers may make this a short term tree.
Has slight chlorosis overall.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Robinia pseudoacacia **Variety:**
Cultivar: Monophylla **Family:** Fabaceae **Tsnum:** 10009
Common Name: Black Locust
Source: Carlton Plants **Quantity observed:** 1 **Location:** A9

Observation Date of Plant: 7/20/2018

Plant Habit: Upright oval

Plant Height: 18-24 ft

Plant Width: 10-15 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, difficult sites

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests: Borers

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. Much less borer damage than other Robinia.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Robinia x ambigua **Variety:** -0-
Cultivar: Idahoensis **Family:** Leguminosae **Tsnum:** 78037
Common Name: Idaho Locust
Source: Milton Nursery **Quantity observed:** 1 **Location:** C6

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 50-60 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 10-15 in

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, difficult sites

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests: Borers

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Appears to have survived the infestations of borers that was a significant problem in the past. Might grow wider if it had more room.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa **Variety:**
Cultivar: AAC333 (a.k.a. Oscar Pe **Family:** Rosaceae **Tsnum:** 18163
Common Name: Easy Elegance® Oscar Peterson Rose
Source: Bailey Nurseries **Quantity observed:** 4 **Location:** G3

Observation Date of Plant: 9/29/2018

Plant Habit: Round or irregular

Plant Height: 2-3 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 10-15 in

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Green

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers: 9/29/2018

Flower Color: White

Flower Type: Single

Flower Effect: Good

% of Flower Coverage: 25-50%

Bloom Stage: Blooming

Comments on Flowers: All look good but one plant is very showy

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa
Cultivar: BAface
Common Name: Easy Elegance® Funny Face® Rose
Source: Bailey Nurseries

Family: Rosaceae
Variety:
Tsnum: 18164

Quantity observed: 4
Location: G3

Observation Date of Plant: 9/29/2018

Plant Habit: Round or irregular

Plant Height: 2 ft

Plant Width: 2-3 ft.

Current Seasons Growth: 10-15 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Green

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers: 9/29/2018

Flower Color: Pink

Flower Type: Single

Flower Effect: Good

% of Flower Coverage: 20.00%

Bloom Stage: Blooming

Comments on Flowers: Not a lot of blooms but still showy late in season.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa **Variety:**
Cultivar: Chi-red **Family:** Rosaceae **Tsnum:** 18165
Common Name: Easy Elegance® Chi Rose
Source: Bailey Nurseries **Quantity observed:** 4 **Location:** G3

Observation Date of Plant: 9/29/2018

Plant Habit: Irregular

Plant Height: 2-3 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 2-4 ft.

Foliage Color: Dark green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, barrier plant

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend

Observation Date of Flowers: 9/29/2018

Flower Color: Red

Flower Type: Cluster, double petals

Flower Effect: Good

% of Flower Coverage: 30.00%

Bloom Stage: Blooming

Comments on Flowers: Red flower really pops against dark green foliage.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa **Variety:**
Cultivar: Kolorscape Cardinal **Family:** Rosaceae **Tsnum:** 16078
Common Name: Kolorscape Cardinal Rose
Source: Ball Ingenuity **Quantity observed:** 3 **Location:** C1

Observation Date of Plant: 9/12/2017

Plant Habit: Young, undefined

Plant Height: 2 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium to dark green, glossy

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016. One of three had slight chlorosis.

Observation Date of Flowers: 9/12/2017

Flower Color: Red

Flower Type: Single

Flower Effect: Good

% of Flower Coverage: 10-20%

Bloom Stage: Open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa **Variety:**
Cultivar: Kolorscape Flamingo **Family:** Rosaceae **Tsnum:** 16074
Common Name: Kolorscape Flamingo Rose
Source: Ball Ingenuity **Quantity observed:** 3 **Location:** C1

Observation Date of Plant: 9/12/2017

Plant Habit: Young, undefined

Plant Height: 3 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 20-30 in.

Foliage Color: Dark green, glossy

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Excellent

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa **Variety:**
Cultivar: Kolorscape Flamingo **Family:** Rosaceae **Tsnum:** 16074
Common Name: Kolorscape Flamingo Rose
Source: Ball Ingenuity **Quantity observed:** 3 **Location:** C1

Observation Date of Plant: 9/12/2017

Plant Habit: Young, undefined

Plant Height: 3 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 20-30 in.

Foliage Color: Dark green, glossy

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Excellent

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016.

Observation Date of Flowers: 9/12/2017

Flower Color: Dark pink

Flower Type: Single

Flower Effect: Good

% of Flower Coverage: 10%

Bloom Stage: Open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa
Cultivar: Meidrifora
Common Name: Coral Drift® Rose
Source: Greenleaf Nursery Co.

Family: Rosaceae
Quantity observed: 2

Variety:
Tsnum: 15113
Location:

Observation Date of Plant: 9/12/2017

Plant Habit: Young, undefined

Plant Height: 12-18 in.

Plant Width: 2-3 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015.

Observation Date of Flowers: 9/12/2017

Flower Color: Salmon

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 20%

Bloom Stage: Open

Comments on Flowers: Very showy

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa **Variety:**
Cultivar: Meigalpio **Family:** Rosaceae **Tsnum:** 15117
Common Name: Red Drift® Rose
Source: Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** C1

Observation Date of Plant: 9/12/2017

Plant Habit: Broad oval

Plant Height: 12-18 in.

Plant Width: 1-3 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015. Nice compact growth habit. One of two is moderately chlorotic from unknown cause.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa **Variety:**
Cultivar: Meiggili **Family:** Rosaceae **Tsnum:** 15114
Common Name: Peach Drift® Rose
Source: Greenleaf Nursery Co. **Quantity observed:** 2 **Location:**

Observation Date of Plant: 9/12/2017

Plant Habit: Young, undefined

Plant Height: 12-18 in.

Plant Width: 2-3 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015.

Observation Date of Flowers: 9/12/2017

Flower Color: Peach, pink with white shading

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 20%

Bloom Stage: Open

Comments on Flowers: Great flower color

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa
Cultivar: Meijocos
Common Name: Pink Drift® Rose
Source: Greenleaf Nursery Co.

Family: Rosaceae
Quantity observed: 2

Variety:
Tsnum: 15115
Location:

Observation Date of Plant: 9/12/2017

Plant Habit: Young, undefined

Plant Height: 12-18 in.

Plant Width: 3-4 ft.

Current Seasons Growth: 10-18 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015.

Observation Date of Flowers: 9/12/2017

Flower Color: Rose colored with white eye

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 20%

Bloom Stage: Open

Comments on Flowers: Single petals.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa **Variety:**
Cultivar: Meimirrote **Family:** Rosaceae **Tsnum:** 15112
Common Name: Apricot Drift® Rose
Source: Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** DH

Observation Date of Plant: 8/10/2017
Plant Habit: Young, undefined
Plant Height: 12-18 in.
Plant Width: 1-2'
Current Seasons Growth: 4-8 in.

Foliage Color: Dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015. Nice flush of initial flowers but very few after that but may do more as it gets further established.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa **Variety:**
Cultivar: Meisweldom **Family:** Rosaceae **Tsnum:** 15118
Common Name: Sweet Drift® Rose
Source: Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** C2, DH

Observation Date of Plant: 9/12/2017

Plant Habit: Young, undefined

Plant Height: 15-20"

Plant Width: 2.5-3.5'

Current Seasons Growth: 4-8 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015. One plant would probably look better with full sun.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa **Variety:**
Cultivar: Novarospop **Family:** Rosaceae **Tsnum:** 15116
Common Name: Popcorn Drift® Rose
Source: Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** C1

Observation Date of Plant: 9/12/2017

Plant Habit: Young, undefined

Plant Height: 12-18 in.

Plant Width: 1-2'

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2015.

Observation Date of Flowers: 9/12/2017

Flower Color: Light yellow fading to almost white. Some pink in buf stage.

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 10-20%

Bloom Stage: Open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa
Cultivar: Radrazz
Common Name: Knock Out Rose
Source: The Conard Pyle Co.

Family: Rosaceae
Quantity observed: 2

Variety:
Tsnum: 08040
Location: C1

Observation Date of Plant: 9/12/2017

Plant Habit: Broad oval or round

Plant Height: 1-2 ft

Plant Width: 2-3 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Hedge, barrier, specimen, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color: Green to brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2008.

Observation Date of Flowers: 9/12/2017

Flower Color: Deep pink, rose

Flower Type: Single

Flower Effect: Good

% of Flower Coverage: 10%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa **Variety:**
Cultivar: Sunrosa Yellow **Family:** Rosaceae **Tsnum:** 16075
Common Name: Sunrosa Yellow Rose
Source: Suntory Flowers **Quantity observed:** 3 **Location:** C1

Observation Date of Plant: 9/12/2017

Plant Habit: Round

Plant Height: 12-18 in.

Plant Width: 12-18 in.

Current Seasons Growth: 6-10 in

Foliage Color: Medium to dark green, glossy

Bark Characteristics: Unimportant

Plant Summer Texture: fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Excellent

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016.

Observation Date of Flowers: 9/12/2017

Flower Color: Yellow

Flower Type: Single

Flower Effect: Fair

% of Flower Coverage: 10-15%

Bloom Stage: Open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa **Variety:**
Cultivar: ZLEEltonStrack **Family:** Rosaceae **Tsnum:** 16086
Common Name: First Editions Above and Beyond Rose
Source: Bailey Nurseries **Quantity observed:** 4 **Location:** C1

Observation Date of Plant: 9/22/2017

Plant Habit: Young, undefined

Plant Height: 2-4 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 24-36 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa acicularis **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 78052
Common Name: Rose
Source: Alaska Plant Material Center **Quantity observed:** 1 **Location:** C2

Observation Date of Plant: 9/12/2017

Plant Habit: Upright

Plant Height: 2-3 ft.

Plant Width: 1-3 ft

Current Seasons Growth: 1-2 ft.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Barrier (thorns), Specimen, Shrub border

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: This plant id getting shaded out by nearby trees or would be much larger. May colonize an area by rhizomes.

Observation Date of Flowers: 5/8/2006

Flower Color: Pink

Flower Type: Single

Flower Effect: Good

% of Flower Coverage: 40-60%

Bloom Stage: Flowers open

Comments on Flowers: Seem to be early this year but unusually showy.

Fall Color or Fruit: Fall color **Date of observation:** 10/6/2008

Aesthetics: Fair **Persistence:** 1-2 weeks

Fall Color: Mostly bronze/red but also some dark pu

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa glauca **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 10109
Common Name: Redleaf rose
Source: Plant Select DBG **Quantity observed:** 2 **Location:** C2, G3

Observation Date of Plant: 9/2/2017

Plant Habit: Irregular, arching

Plant Height: 4-6 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Blue/green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to good

Landscape Uses: Barrier (thorns), Specimen, Shrub border

Overall Plant Health: Fair to good

Fruit Present: Showy

Fruit Color: Red/orange

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of two would probably look better with full sun.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa x
Cultivar: Meiguimov **Family:** Rosaceae **Variety:**
Common Name: The Charlatan Rose **Tsnum:** 10038
Source: The Conard Pyle Co. **Quantity observed:** 1 **Location:** C1

Observation Date of Plant: 9/12/2017

Plant Habit: Upright, irregular

Plant Height: 1-2 ft.

Plant Width: 1-2 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: Abundant, not showy

Fruit Color: Green

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012.

Observation Date of Flowers: 9/12/2017

Flower Color: white with a pink blush, cherry pink anthers

Flower Type: single

Flower Effect: Good

% of Flower Coverage: 10%

Bloom Stage: Flowers open

Comments on Flowers: Single petals, beautiful coloring, large petals

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa x
Cultivar: Meiklutz **Family:** Rosaceae **Variety:**
Common Name: Fairy Meidiland Rose **Tsnum:** 07018
Source: The Conard Pyle Co. **Quantity observed:** 1 **Location:** C1

Observation Date of Plant: 9/12/2017

Plant Habit: Irregular, arching, open

Plant Height: 2 ft.

Plant Width: 2 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Barrier, specimen, shrub border

Overall Plant Health: Fair

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Planted in 2008. Has much less vigor and mildly chlorotic from unknown cause.

Observation Date of Flowers: 9/15/2013

Flower Color: Deep pink

Flower Type: Double petals

Flower Effect:

% of Flower Coverage: 5%

Bloom Stage: Past peak

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa x
Cultivar: Meizmea **Family:** Rosaceae **Variety:**
Common Name: Carefree Spirit Rose **Tsnum:** 10142
Source: The Conard Pyle Co. **Quantity observed:** 3 **Location:** C1, C2

Observation Date of Plant: 9/12/2017

Plant Habit: Upright oval or irregular

Plant Height: 2-4 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 8-15 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Barrier, specimen, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Didn't have as much dieback as others in sudden, severe freeze November 2014.

Observation Date of Flowers: 9/12/2017

Flower Color: Red to deep pink

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 15-20%

Bloom Stage: Flowers open

Comments on Flowers: Has showy masses of flowers

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa x
Cultivar: Radral
Common Name: Carefree Celebration Rose
Source: The Conard Pyle Co.

Family: Rosaceae
Quantity observed: 2

Variety:
Tsnum: 07017
Location: C1, C2

Observation Date of Plant: 9/12/2017

Plant Habit: Irregular, upright

Plant Height: 2-3 ft.

Plant Width: 2-3 ft

Current Seasons Growth: 12-18 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Barrier, specimen, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color: Green to brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2008.

Observation Date of Flowers: 9/12/2017

Flower Color: Apricot/pink/salmon

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 10%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa x
Cultivar: Radtkopink
Common Name: Double Pink Knock Out Rose
Source: The Conard Pyle Co.

Family: Rosaceae
Quantity observed: 1

Variety:
Tsnum: 07019
Location: C1

Observation Date of Plant: 9/12/2017

Plant Habit: Irregular, upright

Plant Height: 2-3 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium to dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Barrier, specimen, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2008.

Observation Date of Flowers: 9/12/2017

Flower Color: Pink

Flower Type: Single

Flower Effect: Good

% of Flower Coverage: 25%

Bloom Stage: Flowers open

Comments on Flowers: Vibrant color

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa x
Cultivar: Radwhite
Common Name: White Out Rose
Source: The Conard Pyle Co.

Family: Rosaceae
Quantity observed: 1

Variety:
Tsnum: 07021
Location: C1

Observation Date of Plant: 9/12/2017
Plant Habit: Broad oval, compact habit
Plant Height: 18-24 in.
Plant Width: 2 ft.
Current Seasons Growth: 3-6 in.

Foliage Color: Medium to dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Hedge, barrier, specimen, shrub border

Overall Plant Health: Fair
Fruit Present: Unimportant
Fruit Color: Green to brown
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Marginal
Comments on plant: Planted in 2008. Vigor is low and is moderately chlorotic from unknown cause.

Observation Date of Flowers: 7/29/2011
Flower Color: White
Flower Type: Cluster
Flower Effect: Good
% of Flower Coverage: 30%
Bloom Stage: Flowers open
Comments on Flowers: Plants have 2-2.5" single white blooms.

Fall Color or Fruit:
Aesthetics:
Fall Color:

Date of observation:
Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rosa x
Cultivar: Ruby Voo Doo **Family:** Rosaceae **Variety:**
Common Name: Ruby Voo Doo **Tsnum:** 10127
Source: Plant Select/DBG **Quantity observed:** 5 **Location:** GH

Observation Date of Plant: 9/12/2017
Plant Habit: Upright, arching, irregular
Plant Height: 4-6 ft
Plant Width: 6-8 ft.
Current Seasons Growth: 20-30 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Barrier (thorns), Specimen, Shrub border

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2010. Had some dieback after sudden severe freeze November 2014.

Observation Date of Flowers: 9/1/2017

Flower Color: Ruby/red

Flower Type: Single

Flower Effect: Good

% of Flower Coverage: 20%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Rubus x tridel **Variety:**
Cultivar: Beneden **Family:** Rosaceae **Tsnum:** 97250
Common Name: Benenden Thimbleberry
Source: Fort Collins Nursery **Quantity observed:** 1 **Location:** G2

Observation Date of Plant: 10/8/2017

Plant Habit: Irregular

Plant Height: 5-6 ft.

Plant Width: 7-9 ft

Current Seasons Growth: 2-4 ft.

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Never have noticed much fruit but may be in too much shade. Growth habit is a little leggy but may look better if not crowded by neighboring plants.

Observation Date of Flowers: 5/10/2006

Flower Color: White

Flower Type: Single

Flower Effect: Good

% of Flower Coverage: 26-50%

Bloom Stage: Flowers open

Comments on Flowers: Flowers are 1.5-2.0 inches across and are showy but relatively few compared to something like a mockorange or spirea.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Salix alba **Variety:** -0-
Cultivar: Altra **Family:** Salicaceae **Tsnum:** 78209
Common Name: Altra White Willow
Source: Unknown **Quantity observed:** 1 **Location:** F8

Observation Date of Plant: 10/2/2018
Plant Habit: Becoming broad oval, multistem
Plant Height: 50-55 ft.
Plant Width: 60-70 ft.
Current Seasons Growth: 12-24 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen, erosion control, large shade tree

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease: Canker
Disease Severity: Slight injury

Cultural Problems:
Nuisances:

Recommended: Yes

Comments on plant: Seems to have better resistance to canker than most Salix but still a few dead branches.

Observation Date of Flowers: 4/1/2003
Flower Color: Lt. Yellow
Flower Type: Cluster
Flower Effect: Fair
% of Flower Coverage: 51-75%
Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 10/6/2008
Aesthetics: Good **Persistence:** 1-2 weeks
Fall Color: Golden yellow

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Salix alba **Variety:**
Cultivar: Britzensis **Family:** Salicaceae **Tsnum:** 94002
Common Name: Brilliant Redtwigged Willow
Source: Sjulín Nurseries **Quantity observed:** 2 **Location:** A10

Observation Date of Plant: 7/20/2018

Plant Habit: Upright oval

Plant Height: 50-60 ft.

Plant Width: 30-40 ft

Current Seasons Growth: 12-24 in.

Foliage Color: Medium to dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, erosion control

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Moderate injury 10-20% of canopy was affected in past but looks better now.

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Twigs are attractive/colorful all year long but less noticeable in the summer and maybe as it matures as well.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Salix candida **Variety:**
Cultivar: Jefberg **Family:** Salicaceae **Tsnum:** 18166
Common Name: First Editions® Iceberg Alley™ Sageleaf Willow
Source: Bailey Nurseries **Quantity observed:** 4 **Location:** G4

Observation Date of Plant: 9/29/2018

Plant Habit: Young, undefined

Plant Height: 1-2 ft

Plant Width: 1-2 ft

Current Seasons Growth: 6-12 in

Foliage Color: Gray green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Salix caprea **Variety:** -0-
Cultivar: -0- **Family:** Salicaceae **Tsnum:** 84191
Common Name: Pussy Willow
Source: Skinner Wholesale Nursery In **Quantity observed:** 1 **Location:** F9

Observation Date of Plant: 10/2/2018

Plant Habit: Round

Plant Height: 7-10 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, erosion control

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2017 and looks much better.

Observation Date of Flowers: 3/15/2012

Flower Color: Silver/Yellow

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 50-60%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Salix caprea **Variety:** -0-
Cultivar: Rosea **Family:** Salicaceae **Tsnum:** 92259
Common Name: French Pink Pussy Willow
Source: Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** F8

Observation Date of Plant: 10/2/2018

Plant Habit: Upright oval

Plant Height: 25-30 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 12-24 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Severe injury

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Only one of three trees remains and it has about 30-40% dead limbs in canopy.

Observation Date of Flowers: 4/1/2006

Flower Color: Silver and yellow

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 60-80%

Bloom Stage: Flowers opening

Comments on Flowers: Pink color is not very obvious.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Salix discolor **Variety:** -0-
Cultivar: -0- **Family:** Salicaceae **Tsnum:** 84192
Common Name: Pussy Willow
Source: Skinner Wholesale Nursery In **Quantity observed:** 1 **Location:** F9

Observation Date of Plant: 10/2/2018

Plant Habit: Upright oval

Plant Height: 12-18 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 3-4 ft.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, native planting, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Susceptible to storm damage

Recommended: Marginal

Comments on plant: Rejuvenated in 2017 and looks good again.

Observation Date of Flowers: 3/15/2012

Flower Color: Silver/Yellow

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Salix matsudana **Variety:** -0-
Cultivar: Tortuosa **Family:** Salicaceae **Tsnum:** 89135
Common Name: Corkscrew Willow
Source: Sherman Nursery **Quantity observed:** 1 **Location:** E9

Observation Date of Plant: 10/2/2018
Plant Habit: Vase to upright oval and becoming irregular as it ages
Plant Height: 20-25 ft.
Plant Width: 10-15 ft.
Current Seasons Growth: 1 - 2 ft.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Poor
Landscape Uses: Specimen

Overall Plant Health: Poor
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease: Canker
Disease Severity: Severe injury

Cultural Problems:
Nuisances:

Recommended: No

Comments on plant: Interesting growth habit but cankers are a continual problem. Thirty percent of canopy removed in 2011 due to snow damage. Over 50% dead in 2016. Another 20% dead in 2018.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color
Aesthetics: Fair
Fall Color: Yellow

Date of observation: 9/23/2004
Persistence: 2-4 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Salix pentandra **Variety:**
Cultivar: Silver Lake **Family:** Salicaceae **Tsnum:** 06042
Common Name: Silver Lake Willow
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** F9

Observation Date of Plant: 10/2/2018
Plant Habit: Upright oval
Plant Height: 10-15 ft.
Plant Width: 8-12 ft.
Current Seasons Growth: 1-2 ft.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen, wet areas

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is not very uniform.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Salix x **Variety:** -0-
Cultivar: Flame **Family:** Salicaceae **Tsnum:** 84201
Common Name: Flame Willow
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** F7, F8

Observation Date of Plant: 10/2/2018

Plant Habit: Upright oval

Plant Height: 10-15 ft.

Plant Width: 10-12 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen, shrub border, erosion control

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Severe injury

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Keeps getting shorter due to dieback from canker.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 10/10/2004

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Salix x **Variety:** -0-
Cultivar: Globe **Family:** Salicaceae **Tsnum:** 88079
Common Name: Globe Willow
Source: Mount Arbor Nursery **Quantity observed:** 1 **Location:** F10

Observation Date of Plant: 10/2/2018
Plant Habit: Broad oval to round but becoming irregular
Plant Height: 30-40 ft.
Plant Width: 40-50 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Light green
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Fair to good
Landscape Uses: Specimen, difficult sites

Overall Plant Health: Fair
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease: Canker
Disease Severity: Slight injury

Cultural Problems:
Nuisances:

Recommended: Yes

Comments on plant: Decreased in width due to snow damage October 2011.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Yellow

Date of observation: 10/28/2003

Persistence: 2-4 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Salix x **Variety:** -0-
Cultivar: Irette **Family:** Salicaceae **Tsnum:** 84231
Common Name: Irette Willow
Source: USDA, Glen Dale, MD **Quantity observed:** 1 **Location:** F9

Observation Date of Plant: 10/2/2018

Plant Habit: Upright oval

Plant Height: 12-18 ft.

Plant Width: 7-10 ft

Current Seasons Growth: 3-4 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Shrub border, erosion control

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Minor injury

Cultural Problems:

Nuisances: Susceptible to storm damage

Recommended: Marginal

Comments on plant: Regrowing back from extensive canker damage in the past.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sambucus **Variety:**
Cultivar: Black Beauty **Family:** Caprifoliaceae **Tsnum:** 05090
Common Name: Black Beauty Elder
Source: Proven Winners **Quantity observed:** 2 **Location:** A11

Observation Date of Plant: 7/26/2018

Plant Habit: Irregular

Plant Height: 5-7 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Dark purple/red green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Dark green

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: This cultivar isn't as dark as S. 'Black Lace'. One of three moved in 2016 due to unavoidable construction and is much smaller and almost dead.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sambucus **Variety:**
Cultivar: Black Lace **Family:** Caprifoliaceae **Tsnum:** 05101
Common Name: Black Lace Elder
Source: Proven Winners **Quantity observed:** 1 **Location:** A11

Observation Date of Plant: 7/26/2018

Plant Habit: Broad oval to round

Plant Height: 4-5 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 10-15 in

Foliage Color: Dark purple - close to black

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good to excellent

Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Dark purple/red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Great for garden texture and foliage color.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sambucus canadensis **Variety:** laciniata
Cultivar: -0- **Family:** Carifoliaceae **Tsnum:** 91087
Common Name: Cutleaf American Elder
Source: Sherman Nursery **Quantity observed:** 3 **Location:** A13

Observation Date of Plant: 9/27/2018

Plant Habit: Vase, arching

Plant Height: 10-14 ft.

Plant Width: 10-15 ft

Current Seasons Growth: 2-3 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Good

Fruit Present: Abundant on sunny side of plant

Fruit Color: Black

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Requires regular pruning to remove dead branches.

Recommended: Yes

Comments on plant: Nice foliage to add textural interest to landscape but can colonize an area.

Observation Date of Flowers: 6/12/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 75-90%

Bloom Stage: Flowers open

Comments on Flowers: Tiny flowers, delicate appearance

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sambucus nigra **Variety:**
Cultivar: Gerda **Family:** Caprifoliaceae **Tsnum:** 04049
Common Name: Black Beauty Elderberry
Source: Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** A13

Observation Date of Plant: 9/27/2018

Plant Habit: Irregular

Plant Height: 6-8 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 24-36 in.

Foliage Color: Dark purple/green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. Seems to have some dieback from unknown cause but may look better in full sun. Foliage seems to fade to more of a dark green late in season.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sambucus nigra **Variety:**
Cultivar: Madonna **Family:** Caprifoliaceae **Tsnum:** 06012
Common Name: Madonna European Alder
Source: Carlton Plants **Quantity observed:** 1 **Location:** A12

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 3-4.5 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Variegated - light green with yellow edges which fade to white

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2006. Variegated foliage is brighter toward the tips. May look better in full sun.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sambucus pubens **Variety:** -0-
Cultivar: -0- **Family:** Caprifoliaceae **Tsnum:** 87148
Common Name: Red Elderberry
Source: American Horticultural Societ **Quantity observed:** 1 **Location:** A13

Observation Date of Plant: 9/27/2018

Plant Habit: Vase or irregular

Plant Height: 10-15 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 2-4 ft.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Requires regular pruning to remove dead branches.

Observation Date of Flowers: 5/2/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-80%

Bloom Stage: Flowers open

Comments on Flowers: Fruit became a showy, rich red color.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sambucus racemosa **Variety:**
Cultivar: Morden Golden Glow **Family:** Caprifoliaceae **Tsnum:** 17096
Common Name: Morden Golden Glow Elderberry
Source: Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** A13

Observation Date of Plant: 9/27/2018

Plant Habit: Young, undefined

Plant Height: 2-3 ft.

Plant Width: 1-2 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Green/yellow

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, wildlife

Overall Plant Health: Good

Fruit Present: None first year

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Shepherdia argentea **Variety:**
Cultivar: **Family:** Elaeagnaceae **Tsnum:** 97273
Common Name: Silver Buffalo Berry
Source: USDA, Meeker, CO **Quantity observed:** 1 **Location:** G6

Observation Date of Plant: 10/4/2018

Plant Habit: Irregular or broad oval

Plant Height: 8-10 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 8-15 in.

Foliage Color: Medium olive gray/green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Barrier, xeriscape, shrub border, wildlife

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2005. Growth habit is not very attractive but improving with age.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sibiraea laevigata **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 78119
Common Name: Siberian Spirea
Source: USDA/NC-7 **Quantity observed:** 2 **Location:** E5, G0

Observation Date of Plant: 9/29/2018

Plant Habit: Irregular to broad oval

Plant Height: 4-5 ft.

Plant Width: 7-9 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Blue/green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Often only looks good in the spring and early summer. Often gets chlorotic around August.

Observation Date of Flowers: 5/22/2006

Flower Color: Cream

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 30-40%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: yellow and orange/red

Date of observation: 9/26/2006

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sophora japonica **Variety:** -0-
Cultivar: -0- **Family:** Leguminosae **Tsnum:** 78120
Common Name: Japanese Pagoda Tree
Source: Milton Nursery **Quantity observed:** 1 **Location:** D5

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 50-60 ft.

Plant Width: 35-45 ft.

Current Seasons Growth: 1 - 2 ft.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: Abundant fruit

Fruit Color: Green

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Looks good despite past storm damage.

Observation Date of Flowers: 8/22/2003

Flower Color: Cream/white

Flower Type: Cluster

Flower Effect: Good to fair

% of Flower Coverage: 30-40%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sophora japonica **Variety:**
Cultivar: Halka **Family:** Fabaceae **Tsnum:** 00036
Common Name: Millstone Japanese Pagodatree
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** D6

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 35-45 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Medium to dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Tree sustained significant storm damage October 2011 that ruined growth habit but recovering by 2016. This cultivar has fewer twigs with canker than Sophora 'Regent'.

Observation Date of Flowers: 8/22/2003

Flower Color:

Flower Type:

Flower Effect: Poor

% of Flower Coverage:

Bloom Stage:

Comments on Flowers: Not even a hint of flowers this year - possibly in too much shade but doesn't seem likely.

Fall Color or Fruit: Fall color

Date of observation: 11/8/2016

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: Yellow

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sorbaria kirikowii **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 02018
Common Name: Falsespirea
Source: Sjulín Nurseries **Quantity observed:** 3 **Location:** A0, A1

Observation Date of Plant: 8/29/2017
Plant Habit: Upright oval some becoming round
Plant Height: 6-9 ft.
Plant Width: 8-12 ft.
Current Seasons Growth: 1-3 ft.

Foliage Color: Medium green
Bark Characteristics: Not very important
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen, shrub border, erosion control

Overall Plant Health: Fair to good
Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Growth habit is much more uniform and attractive than most Sorbaria. Suckering appears to be less vigorous. Two of three are weak in vigor from unknown cause.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sorbaria sorbifolia **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 83178
Common Name: Ural False Spirea
Source: Bailey Nurseries **Quantity observed:** 5 **Location:** C2

Observation Date of Plant: 9/12/2017

Plant Habit: Upright

Plant Height: 6-8 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 2 - 4 ft.

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Shrub border, erosion control

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Colonizes the area and may become invasive.

Recommended: Marginal

Comments on plant: Will colonize surrounding area if given the chance.

Observation Date of Flowers: 7/15/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 26-50%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: yellow

Date of observation: 11/3/2005

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sorbaria sorbifolia **Variety:**
Cultivar: 13199 **Family:** Rosaceae **Tsnum:** 97086
Common Name: 13199 False Spirea
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A0

Observation Date of Plant: 8/29/2017
Plant Habit: Upright, colonizing area from suckers
Plant Height: 3-4 ft.
Plant Width: 7-9 ft
Current Seasons Growth: 1-3 ft

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Suckering can colonize an area

Recommended: Yes

Comments on plant: Not as tall as some others. May require more irrigation and sun than it gets at the edge of the arboretum.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sorbaria sorbifolia **Variety:**
Cultivar: 20178 **Family:** Rosaceae **Tsnum:** 97087
Common Name: 20178 False Spirea
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A0

Observation Date of Plant: 8/29/2017

Plant Habit: Upright, irregular

Plant Height: 2-4 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 1-3 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Suckering can colonize an area

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sorbaria sorbifolia **Variety:**
Cultivar: 21773 **Family:** Rosaceae **Tsnum:** 97088
Common Name: 21773 False Spirea
Source: USDA/NC-7, Ames, IA **Quantity observed:** 4 **Location:** A1

Observation Date of Plant: 8/28/2017

Plant Habit: Upright

Plant Height: 4 - 5 ft.

Plant Width: 6-10 ft.

Current Seasons Growth: 2 - 4 ft.

Foliage Color: Light green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has better uniformity than most Sorbaria.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: yellow

Date of observation: 10/16/2003

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Sorbaria sorbifolia **Variety:**
Cultivar: Skinner's Strain **Family:** Rosaceae **Tsnum:** 00154
Common Name: Skinner's strain Ural Falsespirea
Source: Fort Collins Nursery **Quantity observed:** 2 **Location:** A0

Observation Date of Plant: 8/28/2017
Plant Habit: Upright, colonizing area from suckers
Plant Height: 4-7 ft.
Plant Width: 10-14 ft.
Current Seasons Growth: 2-3 ft.

Foliage Color: Medium green
Bark Characteristics: Not very important
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border, erosion control

Overall Plant Health: Good
Fruit Present: None
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances: Suckering can colonize an area
Recommended: Yes
Comments on plant:

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sorbaria sp. **Variety:**
Cultivar: 10741 **Family:** Rosaceae **Tsnum:** 97085
Common Name: 10741 False Spirea
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** A0

Observation Date of Plant: 8/29/2017
Plant Habit: Upright, irregular, colonizing area with suckers
Plant Height: 5-7 ft.
Plant Width: 8-12 ft.
Current Seasons Growth: 3-5 ft.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Coarse
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: Unimportant

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances: Suckering can colonize an area

Recommended: Yes

Comments on plant: One of two looks good and the second plant has low vigor and is declining.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sorbaria tomentosa **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 91097
Common Name: False Spirea
Source: USDA/NC-7, Ames, IA **Quantity observed:** 4 **Location:** p-p-

Observation Date of Plant: 8/29/2017

Plant Habit: Upright, irregular

Plant Height: 3-4 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 2-4 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Transplanted in 2003 due to construction and hasn't had much vigor since. Three plants look okay but small, one looks weak. May be in too much shade or not getting enough irrigation at corner of arboretum.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sorbus aria **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 81277
Common Name: White Beam Tree
Source: Denver Botanic Gardens **Quantity observed:** 2 **Location:** C4

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval

Plant Height: 25-35 ft.

Plant Width: 18-25 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Orange

Insect Pests: Mealy bugs

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Would probably look better if not crowded by neighbors.

Observation Date of Flowers: 5/7/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: yellow

Date of observation: 11/3/2005

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sorbus aucuparia **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 78116
Common Name: European Mountain Ash
Source: -0- **Quantity observed:** 1 **Location:** C4

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval

Plant Height: 40-50 ft.

Plant Width: 35-45 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, residential street, specimen

Overall Plant Health: Good

Fruit Present: Abundant fruiting, showy

Fruit Color: Orange/red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has some bad crotch angles but very attractive overall.

Observation Date of Flowers: 5/7/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: orange/red

Date of observation: 11/3/2005

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sorbus aucuparia **Variety:** -0-
Cultivar: Blackhawk **Family:** Rosaceae **Tsnum:** 85142
Common Name: Blackhawk European Ash
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** B3, B4

Observation Date of Plant: 10/9/2017

Plant Habit: Upright oval

Plant Height: 35-45 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, residential street, specimen

Overall Plant Health: Good

Fruit Present: Minimal fruiting

Fruit Color: Orange

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has a nice growth habit.

Observation Date of Flowers: 5/7/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: orange/red, yellow

Date of observation: 11/3/2005

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sorbus aucuparia **Variety:** -0-
Cultivar: Cardinal Royal **Family:** Rosaceae **Tsnum:** 84139
Common Name: Cardinal Royal European Mtn. Ash
Source: Mount Arbor Nursery **Quantity observed:** 1 **Location:** D2

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval to pyramidal

Plant Height: 30-40 ft.

Plant Width: 20-30 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen

Overall Plant Health: Good

Fruit Present: Moderate amount of fruit

Fruit Color: Red, very showy

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Probably the best looking Sorbus in the arboretum.

Observation Date of Flowers: 5/7/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: yellow/orange/red

Date of observation: 11/2/2005

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sorbus aucuparia **Variety:** -0-
Cultivar: Cherokee **Family:** Rosaceae **Tsnum:** 85166
Common Name: Cherokee Mountain Ash
Source: Mount Arbor Nursery **Quantity observed:** 1 **Location:** C3

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval

Plant Height: 40-50 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen, fall color

Overall Plant Health: Good

Fruit Present: Moderate fruiting, showy

Fruit Color: Orange/red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Tends to develop codominant leaders.

Observation Date of Flowers: 5/7/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: orange/red

Date of observation: 11/2/2005

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sorbus aucuparia **Variety:** -0-
Cultivar: Columbia Queen **Family:** Rosaceae **Tsnum:** 88088
Common Name: Columbia Queen Mountain Ash
Source: Handy Nursery Co. **Quantity observed:** 1 **Location:** C3

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval

Plant Height: 30-37 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen

Overall Plant Health: Good

Fruit Present: Moderate fruiting

Fruit Color: Orange

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: May be wider if it had more space.

Observation Date of Flowers: 5/7/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: orange/red

Date of observation: 11/2/2005

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sorbus aucuparia **Variety:**
Cultivar: Rossica **Family:** Rosaceae **Tsnum:** 15060
Common Name: Rossica Mountain Ash
Source: J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** SC09-13, 09,14, HG

Observation Date of Plant: 9/27/2018

Plant Habit: Narrow upright oval

Plant Height: 10-15 ft.

Plant Width: 4-6 ft

Current Seasons Growth: 8-14 in

Foliage Color: Dark green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, wildlife

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016 and another in 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Sorbus hybrida **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 02012
Common Name: Oak Leaf Mountain Ash
Source: Femrite Nursery Company **Quantity observed:** 1 **Location:** SC9-14

Observation Date of Plant: 9/5/2018
Plant Habit: Upright oval or irregular
Plant Height: 6-8 ft.
Plant Width: 4-6 ft.
Current Seasons Growth: 1-2 in.

Foliage Color: Dark green
Bark Characteristics: Intermediate importance
Plant Summer Texture: Medium
Aesthetic Plant Quality: Poor
Landscape Uses: Wildlife, specimen

Overall Plant Health: Poor
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease: Cankers
Disease Severity: Severe injury

Cultural Problems:
Nuisances:

Recommended: No

Comments on plant: 75% of tree died from cankers.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sorbus mougeotii **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 81279
Common Name: Mountain Ash
Source: Denver Botanic Gardens **Quantity observed:** 2 **Location:** C3

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval

Plant Height: 25-35 ft.

Plant Width: 20-25 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Wildlife, specimen

Overall Plant Health: Fair to good

Fruit Present: Few fruit

Fruit Color: Orange

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Slight suckering

Recommended: Yes

Comments on plant: One plant looks worse due to storm damage and suckering. Both would probably look better if not crowded for space.

Observation Date of Flowers: 5/7/2003

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: golden yellow

Date of observation: 11/3/2005

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Sorbus torminalis **Variety:**
Cultivar: 26149 **Family:** Rosaceae **Tsnum:** 02040
Common Name: Wild Service Tree
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** C4

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval

Plant Height: 7-9 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 4 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, wildlife

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Moderate injury

Cultural Problems: Left in lathhouse too long.

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2013. Canker may kill tree but starting to look better than in 2015 so there is hope.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea **Variety:**
Cultivar: Conalex **Family:** Rosaceae **Tsnum:** 13077
Common Name: Lightning Strike Spirea
Source: The Conard Pyle Co. **Quantity observed:** 1 **Location:** E2

Observation Date of Plant: 10/8/2017

Plant Habit: Young undefined

Plant Height: 1 ft

Plant Width: 1 ft

Current Seasons Growth: 1-2 in.

Foliage Color: Light green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to poor

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in Fall 2016. One of two failed to establish in arboretum and second may not make it to next year.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea **Variety:**
Cultivar: CP 11 DS 437 **Family:** Rosaceae **Tsnum:** 13084
Common Name: Spirea
Source: The Conard Pyle Co. **Quantity observed:** 2 **Location:** E2

Observation Date of Plant: 10/8/2017

Plant Habit: Young undefined

Plant Height: 1 ft.

Plant Width: 1 ft.

Current Seasons Growth: 3-6 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea arguta **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 91088
Common Name: Garland Spirea
Source: Sherman Nursery **Quantity observed:** 2 **Location:** D3

Observation Date of Plant: 9/23/2017

Plant Habit: Broad oval to round

Plant Height: 4-6 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Would probably look better with more sun and less crowding.

Observation Date of Flowers: 4/19/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 90-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Spiraea betulifolia **Variety:**
Cultivar: Tor **Family:** Rosaceae **Tsnum:** 04050
Common Name: Birch-leaf Spiraea
Source: Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** D2

Observation Date of Plant: 9/16/2017
Plant Habit: Round becoming broad oval
Plant Height: 3-4 ft.
Plant Width: 4-6 ft.
Current Seasons Growth: 4-8 in.

Foliage Color: Medium to dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair
Fruit Present: Unimportant
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Marginal

Comments on plant: Planted in arboretum in 2005. Attractive round growth habit and dense canopy. Both have 20-30% dieback from unknown cause but may improve with rejuvenation pruning.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea canescens **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 90018
Common Name: Hoary Spirea
Source: Jewell Nursery, Inc. **Quantity observed:** 3 **Location:** D2

Observation Date of Plant: 9/16/2017

Plant Habit: Round to broad oval

Plant Height: 5-6 ft.

Plant Width: 9-14 ft

Current Seasons Growth: 18-30 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Hedge, specimen, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated two plants in February of 2007.

Observation Date of Flowers: 6/1/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 70-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/25/2005

Aesthetics: Excellent

Persistence: 1-2 weeks

Fall Color: bright yellow, orange to burnt red

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea flexuosa **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 01034
Common Name: Spirea
Source: USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** E1, E2

Observation Date of Plant: 10/8/2017
Plant Habit: Round becoming broad oval
Plant Height: 5-6 ft.
Plant Width: 6-9 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: None
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Planted in arboretum in 2003.

Observation Date of Flowers: 5/8/2006
Flower Color: White flowers, pink buds
Flower Type: Cluster
Flower Effect: Good
% of Flower Coverage: 40-60%
Bloom Stage: Flowers open
Comments on Flowers: Anthers are prominent and create a soft, fuzzy appearance.

Fall Color or Fruit: Fall color **Date of observation:** 10/28/2005
Aesthetics: Fair **Persistence:** 1 week
Fall Color: Dropped leaves before any other Spirae

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea fritschiana **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 99032
Common Name: Korean Spirea
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** D2

Observation Date of Plant: 9/16/2017

Plant Habit: Broad oval

Plant Height: 3-4.5 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium or light green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to poor

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Almost all stems have chlorosis. One of two is 70% dead.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow, some red

Date of observation: 10/21/2005

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea japonica **Variety:** -0-
Cultivar: -0- **Family:** Rosaceae **Tsnum:** 80350
Common Name: Japanese Spirea
Source: US Nat'l Arboretum **Quantity observed:** 1 **Location:** E2

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval

Plant Height: 3-4 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Poor

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Chlorotic and thin canopy from unknown cause.

Observation Date of Flowers: 6/23/2006

Flower Color: Lavender

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 40-60%

Bloom Stage: Flowers open

Comments on Flowers: Flowers appear to have less vibrant color. Plant is weak and chlorotic.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea japonica **Variety:**
Cultivar: Crispa **Family:** Rosaceae **Tsnum:** 85101
Common Name: Crispa Japanese Spirea
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** E1

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval to round

Plant Height: 2-3 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Poor

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Severe chlorosis affects all plants. Leaf margin is fine toothed and adds interest. Rejuvenated in February of 2007. 90% of plants are dead and in severe decline.

Observation Date of Flowers: 7/8/2003

Flower Color: Lavender

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 51-75%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea japonica **Variety:**
Cultivar: Little Princess **Family:** Rosaceae **Tsnum:** 85160
Common Name: Little Princess Japanese Spirea
Source: Timber Creek Nursery **Quantity observed:** 3 **Location:** E2

Observation Date of Plant: 9/16/2017

Plant Habit: Broad oval

Plant Height: 1.5 - 2.5 ft.

Plant Width: 4-5 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Light green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is very uniform and compact.

Observation Date of Flowers: 6/23/2006

Flower Color: Lavender

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-80%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: light yellow

Date of observation: 10/28/2005

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea japonica **Variety:**
Cultivar: Magic Carpet **Family:** Rosaceae **Tsnum:** 02085
Common Name: Magic Carpet Spiraea
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** E2

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval

Plant Height: 1-2 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Lime green with red tips on new growth

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2004. Nice compact growth habit. Red tips on new growth is stunning - especially in Spring. Vigor seems to be declining.

Observation Date of Flowers: 6/23/2006

Flower Color: Lavender

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 70-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: dark red

Date of observation: 11/1/2005

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea media **Variety:**
Cultivar: Darsnorm **Family:** Rosaceae **Tsnum:** 06066
Common Name: Snow Storm Spiraea
Source: Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** D2

Observation Date of Plant: 9/23/2017

Plant Habit: Round to broad oval

Plant Height: 3-4 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green with a little bronzing

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2006. Would probably look better with full sun.

Observation Date of Flowers:

Flower Color: White

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 20-30%

Bloom Stage: Flowers open

Comments on Flowers: Flowering may increase with maturity. Flowering date lost due to software problem.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea miyabei **Variety:**
Cultivar: **Family:** Rosaceae **Tsnum:** 96072
Common Name: Spirea
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** D2, E1

Observation Date of Plant: 9/16/2017

Plant Habit: Broad oval

Plant Height: 3-4 ft.

Plant Width: 4-8 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in February of 2007. Has moderate chlorosis on one of two.

Observation Date of Flowers: 6/13/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 30-40%

Bloom Stage: Flowers open

Comments on Flowers: Very large clusters but few of them.

Fall Color or Fruit: Fall color

Aesthetics: Excellent

Fall Color: yellow, red

Date of observation: 10/25/2005

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Spiraea nipponica **Variety:** tosaensis
Cultivar: Cheyenne Snowmound **Family:** Rosaceae **Tsnum:** 12112
Common Name: Cheyenne Snowmound Spiraea
Source: Garden & Home Show Extra **Quantity observed:** 3 **Location:** D2, E1

Observation Date of Plant: 9/16/2017

Plant Habit: Round to broad oval

Plant Height: 4-6 ft.

Plant Width: 7-9 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013 and another in 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea nipponica **Variety:** tosaensis
Cultivar: Cheyenne Snowmound **Family:** Rosaceae **Tsnum:** 12112
Common Name: Cheyenne Snowmound Spirea
Source: Garden & Home Show Extra **Quantity observed:** 3 **Location:** D2

Observation Date of Plant: 9/23/2017

Plant Habit: Arching

Plant Height: 3-4.5 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 24-36 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2017 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea nipponica **Variety:** -0-
Cultivar: Halwards Silver **Family:** Rosaceae **Tsnum:** 88158
Common Name: Halwards Silver Nippon Spirea
Source: Jewell Nursery, Inc. **Quantity observed:** 3 **Location:** D2

Observation Date of Plant: 9/23/2017

Plant Habit: Broad oval to round

Plant Height: 4-5.5 ft.

Plant Width: 6-9 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated two of three plants in February of 2007.

Observation Date of Flowers: 6/1/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: yellow

Date of observation: 11/1/2005

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea nipponica **Variety:** -0-
Cultivar: Snow Mound **Family:** Rosaceae **Tsnum:** 82126
Common Name: Snowmound Nippon Spirea
Source: Mount Arbor Nursery **Quantity observed:** 3 **Location:** D2, D3

Observation Date of Plant: 9/23/2017

Plant Habit: Round

Plant Height: 5-6 ft.

Plant Width: 6 - 9 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Moderate chlorosis on all three from unknown cause and one in more shade is 75% dead.

Observation Date of Flowers: 6/1/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 40-50%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea trilobata **Variety:** -0-
Cultivar: Fairy Queen **Family:** Rosaceae **Tsnum:** 93106
Common Name: Fairy Queen White Spirea
Source: Zelenka Nursery **Quantity observed:** 1 **Location:** D2

Observation Date of Plant: 9/16/2017

Plant Habit: Broad oval

Plant Height: 2-3 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is uniform and attractive. Rejuvenated in February of 2007. Health would be better if not crowded by neighboring plants.

Observation Date of Flowers: 6/1/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 85-95%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 11/1/2005

Aesthetics: Excellent

Persistence: 1-2 weeks

Fall Color: Yellow, red, orange

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea trilobata **Variety:** -0-
Cultivar: Swan Lake **Family:** Rosaceae **Tsnum:** 86151
Common Name: Swan Lake Dwarf Spirea
Source: Synnestvedt Nursery **Quantity observed:** 1 **Location:** D2

Observation Date of Plant: 9/23/2017

Plant Habit: Round

Plant Height: 3-5 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Hedge, specimen, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 6/25/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 75-85%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea x **Variety:** -0-
Cultivar: Snowwhite **Family:** Rosaceae **Tsnum:** 92002
Common Name: Improved Snowwhite spirea
Source: Sjulín Nurseries **Quantity observed:** 1 **Location:** D2

Observation Date of Plant: 9/16/2017

Plant Habit: Arching, broad oval

Plant Height: 5-6 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 2-3 ft.

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in February of 2007.

Observation Date of Flowers: 6/1/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 75-85%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea x **Variety:** -0-
Cultivar: Wilsonii **Family:** Rosaceae **Tsnum:** 78118
Common Name: Wilson Spirea
Source: USDA/NC-7 **Quantity observed:** 1 **Location:** D2

Observation Date of Plant: 9/23/2017

Plant Habit: Broad oval to round

Plant Height: 5-6 ft.

Plant Width: 7-10 ft

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Hedge, specimen, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in February of 2007.

Observation Date of Flowers: 6/25/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 60-70%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Spiraea x bumalda **Variety:**
Cultivar: Denistar **Family:** Rosaceae **Tsnum:** 10114
Common Name: Superstar Dwarf Spirea
Source: Garden and Home Show **Quantity observed:** 1 **Location:** D2

Observation Date of Plant: 9/16/2017

Plant Habit: Round

Plant Height: 2 ft.

Plant Width: 2 ft.

Current Seasons Growth: 1-2 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Planted in 2012. 80% dead and remainder is in severe decline and very chlorotic from unknown cause.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea x bumalda **Variety:** -0-
Cultivar: Gold Flame **Family:** Rosaceae **Tsnum:** 82125
Common Name: Gold Flame Bumald Spirea
Source: Mount Arbor Nursery **Quantity observed:** 1 **Location:** E2

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval or irregular

Plant Height: 2.5 - 3 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 2-4 in.

Foliage Color: Yellow

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Poor

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Less compact than Spirea 'Gold Mound'. In decline and looks very bad. Getting crowded out by nearby plants.

Observation Date of Flowers: 6/25/2003

Flower Color: Dark Lavender

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 60-80%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/9/2003

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: light yellow to burnt/dark red

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea x bumalda **Variety:** -0-
Cultivar: Gold Mound **Family:** Rosaceae **Tsnum:** 86159
Common Name: Gold Mound Spirea
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** E2

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval

Plant Height: 2-3 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Yellow/green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Much better than S. 'Gold Flame' in terms of vigor and growth habit. Growth habit is compact and uniform.

Observation Date of Flowers: 6/25/2003

Flower Color: Light Lavender

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 11/1/2005

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: light yellow to dark orange/red.

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea x bumalda **Variety:** -0-
Cultivar: Gumball **Family:** Rosaceae **Tsnum:** 85151
Common Name: Gumball Bumald Spirea
Source: Synnestvedt Nursery **Quantity observed:** 2 **Location:** E1, D1

Observation Date of Plant: 10/8/2017

Plant Habit: Round to broad oval

Plant Height: 2-3 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Light green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Hedge, specimen, shrub border

Overall Plant Health: Fair to good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit was very uniform in the past. Rejuvenated in February 2007.

Observation Date of Flowers: 6/25/2003

Flower Color: Light Lavender

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-80%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 11/1/2005

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: Yellow, some red/orange

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea x bumalda **Variety:** -0-
Cultivar: Hallward Silver **Family:** Rosaceae **Tsnum:** 82104
Common Name: Hallward Silver Bumald Spirea
Source: Cross Nurseries Inc. **Quantity observed:** 3 **Location:** E2

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval

Plant Height: 4-5 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 6 - 10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Hedge, specimen, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is uniform and controlled - very attractive. Dense canopy.

Observation Date of Flowers: 6/25/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 76-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: yellow

Date of observation: 10/28/2005

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea x cinerea **Variety:**
Cultivar: Grefsheim **Family:** Rosaceae **Tsnum:** 98046
Common Name: Grefsheim Spirea
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** D2

Observation Date of Plant: 9/16/2017
Plant Habit: Round becoming broad oval
Plant Height: 4-6 ft.
Plant Width: 8-12 ft.
Current Seasons Growth: 1-2 ft.

Foliage Color: Medium blue/green
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in February of 2007.

Observation Date of Flowers: 4/20/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 90-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: golden yellow

Date of observation: 11/1/2005

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spiraea x vanhouttei **Variety:** -0-
Cultivar: Nana **Family:** Rosaceae **Tsnum:** 78210
Common Name: Compact Vanhoutte Spirea
Source: USDA/NC-7 **Quantity observed:** 1 **Location:** D2

Observation Date of Plant: 9/23/2017

Plant Habit: Round to broad oval

Plant Height: 3-4 ft.

Plant Width: 4-6 ft

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Hedge, specimen, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is very compact and controlled.

Observation Date of Flowers: 6/1/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Spirea x media **Variety:**
Cultivar: Darsnorm **Family:** Rosaceae **Tsnum:** 05094
Common Name: Snow Storm Spirea
Source: Proven Winners **Quantity observed:** 1 **Location:** E2

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval

Plant Height: 3-4 ft.

Plant Width: 6-8 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Staphylea bumalda **Variety:** -0-
Cultivar: -0- **Family:** Staphyleaceae **Tsnum:** 93122
Common Name: Bladdernut
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** E5

Observation Date of Plant: 9/29/2018

Plant Habit: Upright, irregular

Plant Height: 4-6 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: fair to poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Poor to fair

Fruit Present: Almost none

Fruit Color: Light green

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Severe injury

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: May require a very moist site. Canker killed 1/3 of canopy 2016. Also has moderate chlorosis on 75% of canopy.

Observation Date of Flowers: 4/24/2012

Flower Color: White

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 80-95%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Symphoricarpos x dorrenbossii **Variety:**
Cultivar: White Hedge **Family:** Caprifoliaceae **Tsnum:** 98056
Common Name: White Hedge Snowberry
Source: Sjulín Nurseries **Quantity observed:** 3 **Location:** E7, E8

Observation Date of Plant: 10/1/2018

Plant Habit: Broad oval

Plant Height: 4-6 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 1-3 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Abundant fruit, showy

Fruit Color: White

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: The one in full sun is significantly larger than the other two plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syring meyeri **Variety:**
Cultivar: **Family:** Oleaceae **Tsnum:** 16113
Common Name: Meyer Lilac
Source: Garden and Home Show **Quantity observed:** 1 **Location:** D11

Observation Date of Plant: 9/29/2018

Plant Habit: Round

Plant Height: 2-4 ft.

Plant Width: 2-4 ft

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted fall of 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa **Variety:**
Cultivar: Baillina **Family:** Oleaceae **Tsnum:** 08057
Common Name: Thumbelina Lilac
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** D12

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 4 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 1-3 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: poor

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Planted in 2010. Has low vigor and is almost dead.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Syringa **Variety:**
Cultivar: CP 13 DS 730 **Family:** Oleaceae **Tsnum:** 16069
Common Name: Lilac
Source: The Conard Pyle Co. **Quantity observed:** 1 **Location:** D11

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 3 ft

Plant Width: 2 ft.

Current Seasons Growth: 6-10 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: N/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa **Variety:**
Cultivar: Prince Charming **Family:** Oleaceae **Tsnum:** 03032
Common Name: Prince Charming Lilac
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** D11

Observation Date of Plant: 9/29/2018

Plant Habit: Broad oval

Plant Height: 5-7 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2003. Was getting crowded by nearby plants but has more room now since 2010.

Observation Date of Flowers: 5/18/2006

Flower Color: Lavender

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 60-70%

Bloom Stage: Flowers open

Comments on Flowers: Flowers are very tiny and delicate but still very showy.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa oblata **Variety:**
Cultivar: Cheyenne **Family:** Oleaceae **Tsnum:** 94060
Common Name: Cheyenne Lilac
Source: Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** D12

Observation Date of Plant: 9/29/2018

Plant Habit: Broad oval

Plant Height: 8-10 ft.

Plant Width: 12-18 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 5/2/2006

Flower Color: Lavender

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-80%

Bloom Stage: Flowers open

Comments on Flowers: Thinner, more delicate in appearance.

Fall Color or Fruit: Fall color

Date of observation: 10/6/2008

Aesthetics: Good

Persistence: 1-2 weeks

Fall Color: Mostly dark red and yellow but also som

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa pekinensis **Variety:** -0-
Cultivar: -0- **Family:** Oleaceae **Tsnum:** 81111
Common Name: Peking Lilac
Source: Valley Nursery **Quantity observed:** 3 **Location:** C10

Observation Date of Plant: 9/29/2018
Plant Habit: Upright oval becoming round
Plant Height: 25-35 ft.
Plant Width: 30-40 ft
Current Seasons Growth: 12-24 in.

Foliage Color: Medium green
Bark Characteristics: Important
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: This is a good looking small tree with very attractive bark for winter interest.

Observation Date of Flowers: 6/2/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 50-60%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa pekinensis **Variety:**
Cultivar: Morton **Family:** Oleaceae **Tsnum:** 08051
Common Name: China Snow Pekin Lilac
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** C11

Observation Date of Plant: 9/29/2018
Plant Habit: Upright oval
Plant Height: 12-18 ft.
Plant Width: 9-14 ft
Current Seasons Growth: 24-36 in.

Foliage Color: Medium green
Bark Characteristics: Important
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, small tree

Overall Plant Health: Excellent
Fruit Present: Few fruit
Fruit Color: Tan
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Planted in 2010.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa pekinensis **Variety:**
Cultivar: SunDak **Family:** Oleaceae **Tsnum:** 08052
Common Name: Copper Curls Pekin Lilac
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** C9

Observation Date of Plant: 9/29/2018
Plant Habit: Upright oval becoming round
Plant Height: 8-12 ft.
Plant Width: 8-10 ft
Current Seasons Growth: 12-24 in.

Foliage Color: Medium green
Bark Characteristics: Important
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, small tree

Overall Plant Health: Good
Fruit Present: Few
Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. Bark appears to be more exfoliating than the species and more attractive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Syringa pekinensis **Variety:**
Cultivar: WFH2 **Family:** Oleaceae **Tsnum:** 17003
Common Name: Great Wall™ Lilac
Source: J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** C8, SC05-05

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 7-10 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa reticulata **Variety:**
Cultivar: Bailnce **Family:** Oleaceae **Tsnum:** 10029
Common Name: First Editions Snowdance Lilac
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** C11

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 7-9 ft.

Plant Width: 6-9 ft.

Current Seasons Growth: 8-15 in.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa reticulata **Variety:**
Cultivar: Golden Eclipse **Family:** Oleaceae **Tsnum:** 08053
Common Name: Golden Eclipse Lilac
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** C10, C8

Observation Date of Plant: 9/29/2018
Plant Habit: Upright oval becoming round
Plant Height: 8-12 ft.
Plant Width: 8-10 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Important
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good
Fruit Present: Abundant
Fruit Color: Green turning to tan
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Planted in 2011.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa reticulata **Variety:**
Cultivar: Golden Eclipse **Family:** Oleaceae **Tsnum:** 10028
Common Name: Golden Eclipse Lilac
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** C10

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 10-13 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green with varegated edges

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: Few, unimportant

Fruit Color: Green turning to tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa reticulata **Variety:** -0-
Cultivar: Ivory Silk **Family:** Oleaceae **Tsnum:** 89166
Common Name: Ivory Silk Japanese Lilac
Source: Schichtel's Nursery **Quantity observed:** 3 **Location:** D9, D10

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 12-18 ft.

Plant Width: 12-18 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Green turning to tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of three trees has an old canker wound - tree is smaller and wound is slowly closing.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Pale yellow

Date of observation: 10/6/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa reticulata **Variety:**
Cultivar: Summer Snow **Family:** Oleaceae **Tsnum:** 98077
Common Name: Summer Snow Tree Lilac
Source: Schichtel's Nursery **Quantity observed:** 3 **Location:** C9, D11

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 14-20 ft.

Plant Width: 12-17 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Good

Fruit Present: Abundant amount of fruit

Fruit Color: Green turns to tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of two plants has less vigor. Second tree moved Fall of 2016 due to unavoidable construction.

Observation Date of Flowers: 6/7/2011

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 50-65%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Light yellow

Date of observation: 10/21/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa rothomagensis **Variety:** -0-
Cultivar: -0- **Family:** Oleaceae **Tsnum:** 85179
Common Name: Chinese Lilac
Source: Country Lane Wholesale Nur **Quantity observed:** 2 **Location:** D11, D10

Observation Date of Plant: 9/29/2018

Plant Habit: Round to broad oval

Plant Height: 5-8 ft.

Plant Width: 8-10 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2014 and coming back strong.

Observation Date of Flowers: 4/24/2012

Flower Color: Lavender

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 50-60%

Bloom Stage: Flowers open

Comments on Flowers: Many flowers despite weak plant vigor.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa velutina **Variety:** -0-
Cultivar: Dr. Meyer **Family:** Oleaceae **Tsnum:** 76030
Common Name: Dr. Meyer Lilac
Source: Unknown **Quantity observed:** 3 **Location:** C11

Observation Date of Plant: 9/29/2018

Plant Habit: Round to broad oval

Plant Height: 8-10 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit, unimportant

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2003. Best fall color of any Syringa.

Observation Date of Flowers: 4/17/2012

Flower Color: Light lavender

Flower Type: Cluster

Flower Effect: Good to excellent

% of Flower Coverage: 80-95%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa villosa x reflexa **Variety:** -0-
Cultivar: Redwine **Family:** Oleaceae **Tsnum:** 88124
Common Name: Redwine Preston Lilac
Source: Timber Creek Nursery **Quantity observed:** 1 **Location:** D12

Observation Date of Plant: 9/29/2018

Plant Habit: Round

Plant Height: 7-9 ft.

Plant Width: 8-12 ft

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: Abundant fruit

Fruit Color: Tan

Insect Pests: Scale

Pest Severity: Severe

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Used to have best growth habit of any Syringa in the arboretum but in decline from scale.

Observation Date of Flowers: 6/1/2006

Flower Color: Lavender

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 76-100%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 9/23/2004

Aesthetics: Fair

Persistence: 1-2 weeks

Fall Color: yellow, light yellow

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Syringa vulgaris **Variety:** -0-
Cultivar: -0- **Family:** Oleaceae **Tsnum:** 80296
Common Name: Common Lilac
Source: OE White Research Arboretu **Quantity observed:** 1 **Location:** D11

Observation Date of Plant: 9/27/2018
Plant Habit: Upright oval
Plant Height: 8-12 ft.
Plant Width: 7-10 ft
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: Unimportant
Fruit Color: Brown
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant:

Observation Date of Flowers: 4/24/2012
Flower Color: Lavender
Flower Type: Cluster
Flower Effect: Good
% of Flower Coverage: 50-65%
Bloom Stage: Flowers open
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa vulgaris **Variety:**
Cultivar: Adelaide Dunbar **Family:** Oleaceae **Tsnum:** 00051
Common Name: Adelaide Dunbar Lilac
Source: Synnestvedt Nursery **Quantity observed:** 1 **Location:** D11

Observation Date of Plant: 9/29/2018

Plant Habit: Round

Plant Height: 7-9 ft.

Plant Width: 6-9 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Fair

Fruit Present: Unimportant

Fruit Color:

Insect Pests: Scale

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in arboretum in 2005. May look better if not crowded by nearby plants.

Observation Date of Flowers: 4/24/2012

Flower Color: Dark purple with shades of pink

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 45-55%

Bloom Stage: Flowers open

Comments on Flowers: Would probably look better in a site with better irrigation.

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Purple/bonze

Date of observation: 10/28/2008

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Syringa vulgaris **Variety:**
Cultivar: Albert F. Holden **Family:** Oleaceae **Tsnum:** 08058
Common Name: Albert F. Holden Lilac
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** D12

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 5-7ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 2-4 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Poor

Fruit Present: unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Kept in container too long.

Nuisances:

Recommended: No

Comments on plant: Appears to be dying.

Observation Date of Flowers: 4/25/2012

Flower Color: Dark lavender

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 40.00%

Bloom Stage: Flowers open

Comments on Flowers: Starting second year in arboretum.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa vulgaris **Variety:** -0-
Cultivar: Charles **Family:** Oleaceae **Tsnum:** 88047
Common Name: Charles Common Lilac
Source: Forrest Keeling Nursery **Quantity observed:** 1 **Location:** C11

Observation Date of Plant: 9/29/2018
Plant Habit: Irregular or somewhat round
Plant Height: 6-9 ft.
Plant Width: 12-18 ft.
Current Seasons Growth: 6-10 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Fair
Fruit Present: Unimportant
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant:

Observation Date of Flowers: 4/18/2012
Flower Color: Dark Purple
Flower Type: Cluster
Flower Effect: Good
% of Flower Coverage: 75-85%
Bloom Stage: Flowers open
Comments on Flowers: Very showy this year.

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa vulgaris **Variety:** -0-
Cultivar: Ludwig **Family:** Oleaceae **Tsnum:** 88048
Common Name: Ludwig Common Lilac
Source: Forrest Keeling Nursery **Quantity observed:** 1 **Location:** D11

Observation Date of Plant: 9/29/2018

Plant Habit: Broad oval to round

Plant Height: 8-12 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 4/24/2012

Flower Color: Lavender with a shade of pink

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 50-70%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa vulgaris **Variety:** -0-
Cultivar: PMK 1301 **Family:** Oleaceae **Tsnum:** 78025
Common Name: PMK 1301 Common Lilac
Source: Forrest Keeling Nursery **Quantity observed:** 1 **Location:** C11

Observation Date of Plant: 9/29/2018

Plant Habit: Broad oval to round

Plant Height: 4-6 ft.

Plant Width: 8 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2014 and coming back with a lot of vigor but not very uniform.

Observation Date of Flowers: 5/11/2006

Flower Color: Light lavender

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 60-80%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa vulgaris **Variety:** -0-
Cultivar: President Lincoln **Family:** Oleaceae **Tsnum:** 78121
Common Name: President Lincoln Common Lilac
Source: USDA/NC-7 **Quantity observed:** 1 **Location:** C10

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 8-12 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Poor

Fruit Present: Few fruit

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Too much shade from nearby plants

Nuisances:

Recommended: Yes

Comments on plant: Would look better if not crowded by nearby plants.

Observation Date of Flowers: 4/24/2012

Flower Color: Lavender

Flower Type: Cluster

Flower Effect: Fair to good

% of Flower Coverage: 30-40%

Bloom Stage: Flowers open

Comments on Flowers: Parts of plant in full sun are blooming very well - needs space.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa vulgaris **Variety:**
Cultivar: Yankee Doodle **Family:** Oleaceae **Tsnum:** 09054
Common Name: Yankee Doodle French Hybrid Lilac
Source: Carlton Plants **Quantity observed:** 2 **Location:** D9

Observation Date of Plant: 9/30/2018

Plant Habit: Upright oval

Plant Height: 2-4 ft.

Plant Width: 2-3 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen, shrub border, xeriscape

Overall Plant Health: Fair to poor

Fruit Present: Few, unimportant

Fruit Color: brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Too much shade from nearby plants

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2013. Still lacks vigor. Both plants seem to be in decline.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa wolfii **Variety:** -0-
Cultivar: -0- **Family:** Oleaceae **Tsnum:** 86072
Common Name: Lilac
Source: Washington Park Arboretum **Quantity observed:** 1 **Location:** C10, C11

Observation Date of Plant: 9/29/2018

Plant Habit: Upright oval

Plant Height: 6 - 8 ft.

Plant Width: 7-9 ft.

Current Seasons Growth: 4-6 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to poor

Fruit Present: Unimportant

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: It is crowded by nearby plants and only looks fair.

Observation Date of Flowers: 5/26/2006

Flower Color: Light Lavender flowers, purple buds

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 70-85%

Bloom Stage: Flowers open

Comments on Flowers: Tiny flowers with delicate appearance - very showy.

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: purple, dark red

Date of observation: 9/23/2004

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa x
Cultivar: Agnes Smith **Family:** Oleaceae **Variety:**
Common Name: Agnes Smith Lilac **Tsnum:** 94111
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** C11

Observation Date of Plant: 9/29/2018

Plant Habit: Round

Plant Height: 7-9 ft.

Plant Width: 8-11 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Abundant fruit

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has a nice dense, uniform growth habit.

Observation Date of Flowers: 5/26/2006

Flower Color: White with a hint of pink as a bud.

Flower Type: Cluster

Flower Effect: Excellent

% of Flower Coverage: 75-85%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa x
Cultivar: Alphonse Lavelle **Family:** Oleaceae **Variety:** -0-
Common Name: Alphonse Lavelle Lilac **Tsnum:** 87185
Source: Mount Arbor Nursery **Quantity observed:** 2 **Location:** D10

Observation Date of Plant: 9/29/2018

Plant Habit: Round

Plant Height: 5-6 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2013 and seems to be growing back strong.

Observation Date of Flowers: 4/24/2012

Flower Color: Light lavender

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 60-80%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa x chinensis **Variety:**
Cultivar: Lilac Sunday **Family:** Oleaceae **Tsnum:** 08060
Common Name: Lilac Sunday Lilac
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** D12

Observation Date of Plant: 9/29/2018

Plant Habit: Broad oval

Plant Height: 4-5 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 6-9 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2010. Vigor is low and canopy is thin from unknown cause.

Observation Date of Flowers: 4/19/2012

Flower Color: Lavender

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 50-60%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa x chinensis **Variety:** -0-
Cultivar: Perier **Family:** Oleaceae **Tsnum:** 87183
Common Name: Perier Chinese Lilac
Source: Mount Arbor Nursery **Quantity observed:** 1 **Location:** D10

Observation Date of Plant: 9/29/2018

Plant Habit: Round

Plant Height: 8-10 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2014 and has good vigor.

Observation Date of Flowers: 5/9/2006

Flower Color: Light lavender

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 30-40%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa x persica **Variety:**
Cultivar: **Family:** Oleaceae **Tsnum:** 08127
Common Name: Persian Lilac
Source: Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** D10

Observation Date of Plant: 9/27/2018

Plant Habit: Upright oval

Plant Height: 4-6 ft.

Plant Width: 2-4 ft.

Current Seasons Growth: 24-36 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013. New growth is a little leggy.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa x prestoniae **Variety:**
Cultivar: Donald Wyman **Family:** Oleaceae **Tsnum:** 08063
Common Name: Donald Wyman Lilac
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** D12

Observation Date of Plant: 9/29/2018

Plant Habit: Round

Plant Height: 5-7 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Virus

Disease Severity: Slight distortion of twig growth

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2010.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Syringa x prestoniae **Variety:**
Cultivar: James Macfarlane **Family:** Oleaceae **Tsnum:** 08064
Common Name: James Macfarlane Lilac
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** D11

Observation Date of Plant: 9/29/2018

Plant Habit: Round

Plant Height: 4-5 ft.

Plant Width: 3-6 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Unimportant

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2014.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Taxodium distichum **Variety:**
Cultivar: Cascade Falls **Family:** Cupressaceae **Tsnum:** 13073
Common Name: Cascade Falls Bald Cypress
Source: Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** F10

Observation Date of Plant: 10/2/2018

Plant Habit: Weeping

Plant Height: 5-6 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Light green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2013. Had about 20% dieback first winter. Seems to be improving with new growth on lateral branches but not on central leader.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Taxodium distichum **Variety:**
Cultivar: JFS-SGPN **Family:** Cupressaceae **Tsnum:** 11019
Common Name: Green Whisper Bald Cypress
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** E10, F10

Observation Date of Plant: 10/2/2018

Plant Habit: Pyramidal

Plant Height: 8-12 ft.

Plant Width: 4-8 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Light green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Vigor is improving since last evaluation.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Taxodium distichum **Variety:**
Cultivar: Skyward **Family:** Cupressaceae **Tsnum:** 15066
Common Name: Lindsey's Skyward Bald Cypress
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** HG

Observation Date of Plant: 9/27/2018

Plant Habit: Young undefined, upright

Plant Height: 6-8 ft.

Plant Width: 1-2 ft.

Current Seasons Growth: 4-8 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Dwarf conifer for confined areas, accent plant

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Taxus x media **Variety:** -0-
Cultivar: Dark Green Spreader **Family:** Taxaceae **Tsnum:** 87109
Common Name: Dark Green Spreader Yew
Source: Zelenka Nursery **Quantity observed:** 2 **Location:** C3, D3

Observation Date of Plant: 9/23/2017

Plant Habit: Irregular

Plant Height: 4- 6.5 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Needs pruning for most landscapes otherwise it looks leggy.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Thuja occidentalis **Variety:** -0-
Cultivar: -0- **Family:** Cupressaceae **Tsnum:** 78122
Common Name: Eastern Arborvitae
Source: Unknown **Quantity observed:** 3 **Location:** D4

Observation Date of Plant: 9/23/2017

Plant Habit: Columnar

Plant Height: 18-25 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, screen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Deformed by snow load spring of 2003 and 2017 but two of three look reasonable. Lower branches seem to be getting shaded out.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Thuja occidentalis **Variety:**
Cultivar: BailJohn **Family:** Cupressaceae **Tsnum:** 08047
Common Name: Technito Arborvitae
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** D3, D4

Observation Date of Plant: 9/23/2017
Plant Habit: Upright oval or slightly pyramidal
Plant Height: 5-7 ft.
Plant Width: 5-6 ft.
Current Seasons Growth: 10-15 in.

Foliage Color: Blue green
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2009. One was damaged by snow load in November 2009 but looks fairly normal now. Has a unique foliage color.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Thuja occidentalis **Variety:**
Cultivar: Brandon **Family:** Cupressaceae **Tsnum:** 08031
Common Name: Brandon's Arborvitae
Source: Monrovia Growers **Quantity observed:** 2 **Location:** D4, D5

Observation Date of Plant: 9/23/2017

Plant Habit: Columnar

Plant Height: 7-9 ft.

Plant Width: 2.5-3.5 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, screen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2009. Deformed some by snow load in November 2009 and again on October 25, 2011 but look better in 2017. One of two moved in 2016 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Thuja occidentalis **Variety:**
Cultivar: Congabe **Family:** Cupressaceae **Tsnum:** 09063
Common Name: Fire Chief Arborvitae
Source: The Conard Pyle Co. **Quantity observed:** 1 **Location:** DH

Observation Date of Plant: 9/28/2017

Plant Habit: Upright oval or round

Plant Height: 2-3 ft.

Plant Width: 2 ft.

Current Seasons Growth: 5-8 in.

Foliage Color: Medium green with reddish tips

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage is more interesting in the winter.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Thuja occidentalis **Variety:**
Cultivar: Congabe **Family:** Cupressaceae **Tsnum:** 07014
Common Name: Fire Chief Eastern Arborvitae
Source: The Conard Pyle Co. **Quantity observed:** 1 **Location:** S1

Observation Date of Plant: 9/5/2018

Plant Habit: Upright oval

Plant Height: 2-3 ft.

Plant Width: 2 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Shade of orange/red on medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2008 as a small plant (4" pot) and gaining size. Appears cold hardy with an unusual foliage color which should stand out more in the landscape as the plant gains size.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Thuja occidentalis **Variety:** -0-
Cultivar: Emerald Green **Family:** Cupressaceae **Tsnum:** 83005
Common Name: Emerald Green Eastern Arborvitae
Source: Carlton Plants **Quantity observed:** 2 **Location:** D4

Observation Date of Plant: 9/23/2017

Plant Habit: Columnar

Plant Height: 18-24 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, screen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Seems to have tolerated snow load better than most Thuja.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Thuja occidentalis **Variety:** -0-
Cultivar: Hetzii Midget **Family:** Cupressaceae **Tsnum:** 81209
Common Name: Hetz Midget Eastern Arborvitae
Source: Hines Nursery **Quantity observed:** 1 **Location:** D4

Observation Date of Plant: 9/23/2017

Plant Habit: Round

Plant Height: 5-6 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 3 - 5 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair

Landscape Uses: Hedge, specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Has very compact, dense growth but deformed by heavy snow in May 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Thuja occidentalis **Variety:**
Cultivar: Janed Gold **Family:** Cupressaceae **Tsnum:** 15089
Common Name: Highlights Arborvitae
Source: Monrovia Growers **Quantity observed:** 1 **Location:** D4

Observation Date of Plant: 9/23/2017

Plant Habit: Young, undefined

Plant Height: 2 ft.

Plant Width: 12 in.

Current Seasons Growth: 1-3 in.

Foliage Color: Yellow tips, the rest is mostly medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Shrub border, specimen

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2016 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Thuja occidentalis **Variety:** -0-
Cultivar: Little Champ **Family:** Cupressaceae **Tsnum:** 91128
Common Name: Little Champ GLOBE Arborvitae
Source: Jewell Nursery, Inc. **Quantity observed:** 2 **Location:** D4

Observation Date of Plant: 9/23/2017

Plant Habit: Round

Plant Height: 8-10 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Hedge, specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Pendulous branch tips are attractive.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Thuja occidentalis **Variety:** -0-
Cultivar: Little Giant **Family:** Cupressaceae **Tsnum:** 87162
Common Name: Little Giant Eastern Arborvitae
Source: Oregon Garden Products **Quantity observed:** 1 **Location:** E4

Observation Date of Plant: 10/8/2017

Plant Habit: Broad oval

Plant Height: 2 ft.

Plant Width: 4-5 ft.

Current Seasons Growth: 2-5 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Nearby plants are crowding it and affecting the growth habit making it more broad and less upright otherwise it would rate good for aesthetics.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Thuja occidentalis **Variety:** -0-
Cultivar: Nigra **Family:** Cupressaceae **Tsnum:** 80062
Common Name: Dark Green Eastern Arborvitae
Source: Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** D4

Observation Date of Plant: 9/23/2017
Plant Habit: Pyramidal becoming upright oval
Plant Height: 18-25 ft.
Plant Width: 15 -20 ft
Current Seasons Growth: 4-8 in.

Foliage Color: Medium green
Bark Characteristics: Not very important
Plant Summer Texture: Fine
Aesthetic Plant Quality: Fair to good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: Few fruit
Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit is a little more open.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Thuja occidentalis **Variety:** -0-
Cultivar: Pyramidalis **Family:** Cupressaceae **Tsnum:** 81210
Common Name: Pyramidal Eastern Arborvitae
Source: Hines Nursery **Quantity observed:** 2 **Location:** D4

Observation Date of Plant: 9/23/2017

Plant Habit: Columnar

Plant Height: 25-32 ft.

Plant Width: 6-9 ft.

Current Seasons Growth: 6 - 10 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, screen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Thuja occidentalis **Variety:** -0-
Cultivar: Smaragd **Family:** Cupressaceae **Tsnum:** 81208
Common Name: Smaragd Eastern Arborvitae
Source: Hines Nursery **Quantity observed:** 1 **Location:** D4

Observation Date of Plant: 9/23/2017

Plant Habit: Columnar

Plant Height: 15-20 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, screen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Some branches deformed by snow but not severe.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Thuja occidentalis **Variety:**
Cultivar: Smaragd **Family:** Cupressaceae **Tsnum:** 12077
Common Name: Emerald Green Arborvitae
Source: Dr. Klett **Quantity observed:** 1 **Location:**

Observation Date of Plant: 10/1/2017

Plant Habit: Columnar

Plant Height: 5-6 ft.

Plant Width: 1-3 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border, screen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2012. Moved in fall of 2016 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Thuja occidentalis **Variety:** -0-
Cultivar: Woodwardi **Family:** Cupressaceae **Tsnum:** 80065
Common Name: Woodward Eastern Arborvitae
Source: Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** D4

Observation Date of Plant: 9/23/2017

Plant Habit: Broad oval

Plant Height: 8-10 ft.

Plant Width: 15-20 ft

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Thuja orientalis **Variety:** -0-
Cultivar: -0- **Family:** Cupressaceae **Tsnum:** 88117
Common Name: Oriental Arborvitae
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** E4

Observation Date of Plant: 10/8/2017

Plant Habit: Pyramidal

Plant Height: 14-20 ft.

Plant Width: 20-25 ft.

Current Seasons Growth: 4 - 8 in.

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Open growth habit. Weak canopy - thin and not very dense.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Thuja orientalis **Variety:** -0-
Cultivar: Aurea Nana **Family:** Cupressaceae **Tsnum:** 86147
Common Name: Berckman's Golden Arborvitae
Source: Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** D4, E4

Observation Date of Plant: 9/23/2017

Plant Habit: Upright oval

Plant Height: 14-18 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 6-9 in.

Foliage Color: Medium green, bright

Bark Characteristics: Not very important

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border, screen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Attractive shades of yellow on new growth - appears very vibrant and vigorous. One of three trees has moderate damage from snow but rest look good. Some lower branches getting shaded out.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Thuja orientalis **Variety:** -0-
Cultivar: Excelsa **Family:** Cupressaceae **Tsnum:** 86148
Common Name: Upright Green Arborvitae
Source: Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** D4, D3, C3

Observation Date of Plant: 9/23/2017
Plant Habit: Pyramidal becoming upright oval
Plant Height: 10-15 ft.
Plant Width: 8-12 ft.
Current Seasons Growth: 5-10 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Fine
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: None
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant: Vigor would be better if it was in more sun.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Thuja plicata **Variety:** -0-
Cultivar: -0- **Family:** Cupressaceae **Tsnum:** 78123
Common Name: Western Red Cedar
Source: Unknown **Quantity observed:** 1 **Location:** D4

Observation Date of Plant: 9/24/2017

Plant Habit: Columnar

Plant Height: 20-25 ft.

Plant Width: 7-9 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border, screen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Badly deformed by snow load during the Spring of 2003 and suffered some more in November 2009. Looks fairly good in 2015 and 2017 except for a few lumps in growth habit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia americana **Variety:**
Cultivar: Boulevard **Family:** Tiliaceae **Tsnum:** 94053
Common Name: Boulevard Linden
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** SC6-7,8

Observation Date of Plant: 9/11/2017
Plant Habit: Narrow pyramidal or upright oval
Plant Height: 15-20 ft.
Plant Width: 10-15 ft.
Current Seasons Growth: 3-6 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved Spring of 2003 due to unavoidable construction. One of two has a more dominant central leader and is more narrow in habit. Both have low vigor but look good.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 10/4/2017

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Tilia americana **Variety:**
Cultivar: McSentry **Family:** Tiliaceae **Tsnum:** 07055
Common Name: American Sentry Linden
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A5

Observation Date of Plant: 8/30/2017

Plant Habit: Pyramidal

Plant Height: 8-12 ft.

Plant Width: 7-9 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Tilia americana **Variety:**
Cultivar: Redmond **Family:** Tiliaceae **Tsnum:** 03118
Common Name: Redmond Linden
Source: Colorado Garden & Home Sh **Quantity observed:** 2 **Location:** SC06-4,5

Observation Date of Plant: 9/29/2017

Plant Habit: Pyramidal

Plant Height: 15-25 ft.

Plant Width: 12-18 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2003.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia americana **Variety:**
Cultivar: Sentry **Family:** Tiliaceae **Tsnum:** 05010
Common Name: Sentry Linden
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC07-14

Observation Date of Plant: 10/2/2018

Plant Habit: Pyramidal

Plant Height: 10-13 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Medium to light green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests: Galls

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One was planted in 2009 and vigor is still poor even though overall canopy still looks pretty good. Another tree was planted in 2011 and has difficulty in getting established - probably left in lathhouse too long which reduced vigor. Slight

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia americana **Variety:** -0-
Cultivar: Skinner's Fastigiata **Family:** Tiliaceae **Tsnum:** 81109
Common Name: Skinner's Fastigiata American Linden
Source: Valley Nursery **Quantity observed:** 2 **Location:** o

Observation Date of Plant: 8/30/2017

Plant Habit: Pyramidal to upright oval

Plant Height: 35-45 ft.

Plant Width: 45-45 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Misshapen due to storm damage.

Recommended: Yes

Comments on plant: Doesn't appear very fastigiata in growth habit. One of two trees is at edge of arboretum and looks fair with some branch dieback probably due to inadequate irrigation.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia cordata **Variety:** -0-
Cultivar: #18 **Family:** Tiliaceae **Tsnum:** 85144
Common Name: #18 Littleleaf Linden
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** A4

Observation Date of Plant: 8/30/2017

Plant Habit: Pyramidal to upright oval

Plant Height: 50-60 ft.

Plant Width: 40-50 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Slight suckering

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia cordata **Variety:** -0-
Cultivar: -0- **Family:** Tiliaceae **Tsnum:** 81150
Common Name: Littleleaf Linden
Source: American Nursery Product/Mi **Quantity observed:** 1 **Location:** A6

Observation Date of Plant: 8/30/2017
Plant Habit: Pyramidal becoming upright oval
Plant Height: 50-60 ft.
Plant Width: 40-50 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has multiple codominant stems. Would probably be wider if not crowded by neighboring trees.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia cordata **Variety:** -0-
Cultivar: Chancellor **Family:** Tiliaceae **Tsnum:** 81131
Common Name: Chancellor Linden
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A4

Observation Date of Plant: 8/30/2017

Plant Habit: Pyramidal to upright oval

Plant Height: 35-45 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, shade tree, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Slight suckering

Recommended: Yes

Comments on plant: Very attractive, uniform growth habit and dense canopy.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: yellow

Date of observation: 10/21/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia cordata **Variety:**
Cultivar: Corzam **Family:** Tiliaceae **Tsnum:** 94034
Common Name: Corinthian Linden
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC6-9,10

Observation Date of Plant: 9/29/2017

Plant Habit: Pyramidal

Plant Height: 12-17 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Vigor is a low. They probably need better irrigation system than drip.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 10/11/2017

Persistence: 2-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia cordata **Variety:** -0-
Cultivar: De Groot **Family:** Tiliaceae **Tsnum:** 88103
Common Name: De Groot Littleleaf Linden
Source: Carlton Plants **Quantity observed:** 2 **Location:** A6

Observation Date of Plant: 8/30/2017
Plant Habit: Upright oval to pyramidal
Plant Height: 40-50 ft.
Plant Width: 35-45 ft.
Current Seasons Growth: 8-14 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has multiple codominant stems. Would probably be wider if not crowded by neighboring trees.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: bright yellow, green

Date of observation: 10/21/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia cordata **Variety:** -0-
Cultivar: Fairview **Family:** Tiliaceae **Tsnum:** 84143
Common Name: Fairview Littleleaf Linden
Source: A. McGill & Son Nursery **Quantity observed:** 2 **Location:** A4, A5

Observation Date of Plant: 8/30/2017

Plant Habit: Pyramidal

Plant Height: 45-55 ft.

Plant Width: 35-45 ft.

Current Seasons Growth: 8-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Severe suckering one of two trees

Recommended: Yes

Comments on plant: Trunks on both trees are unusually curved - not straight like most Tilia. Not sure of the cause.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia cordata **Variety:**
Cultivar: Glenleven **Family:** Tiliaceae **Tsnum:** 94035
Common Name: Glenleven Linden
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC6-11,12

Observation Date of Plant: 9/15/2017

Plant Habit: Pyramidal

Plant Height: 25-35 ft.

Plant Width: 12-18 ft

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Slight suckering

Recommended: Yes

Comments on plant: Moved Spring of 2003 due to unavoidable construction. Growth habit would work well in relatively narrow spaces.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Dark yellow

Date of observation: 10/4/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia cordata **Variety:**
Cultivar: Globe **Family:** Tiliaceae **Tsnum:** 96136
Common Name: Globe Linden
Source: Schichtel's Nursery **Quantity observed:** 2 **Location:** SC6-14, CFA

Observation Date of Plant: 9/28/2018

Plant Habit: Round

Plant Height: 12-16 ft.

Plant Width: 12-18 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, small/confined areas

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests: Galls on foliage

Pest Severity: Minor injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One moved in 2003 and the second in 2017 due to unavoidable construction. Both sucker a lot and have adventitious budding along rootstock trunk. Has smaller growth increments and smaller foliage size creating a very compact

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Poor

Fall Color: Green

Date of observation: 10/11/2017

Persistence: n/a

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia cordata **Variety:** -0-
Cultivar: June Bride **Family:** Tiliaceae **Tsnum:** 83140
Common Name: June Bride Littleleaf Linden
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** B5, A5

Observation Date of Plant: 8/30/2017

Plant Habit: Pyramidal

Plant Height: 50-60 ft.

Plant Width: 35-45 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Nice growth habit. Very uniform and strong central leader. May be wider if not crowded for space.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia cordata **Variety:**
Cultivar: Olympic **Family:** Tiliaceae **Tsnum:** 94036
Common Name: Olympic Linden
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC6-15,16

Observation Date of Plant: 9/29/2017

Plant Habit: Pyramidal

Plant Height: 15 - 20 ft.

Plant Width: 10 - 20 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair

Fruit Present: Abundant

Fruit Color: Green turning to tan

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Minor suckering on one of two trees.

Recommended: Yes

Comments on plant: Moved Spring of 2003 due to unavoidable construction. Low vigor leading to signs of stress on central leader but most of tree looks fine. Would probably look better in a landscape with normal irrigation instead of drip.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: yellow

Date of observation: 10/11/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia cordata **Variety:** -0-
Cultivar: Prestige **Family:** Tiliaceae **Tsnum:** 93043
Common Name: Prestige Linden
Source: A. McGill & Son Nursery **Quantity observed:** 1 **Location:** A4

Observation Date of Plant: 8/30/2017

Plant Habit: Pyramidal

Plant Height: 30-40 ft.

Plant Width: 25-35 ft

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Slight suckering

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: yellow

Date of observation: 10/21/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia cordata **Variety:** -0-
Cultivar: Prestige **Family:** Tiliaceae **Tsnum:** 87182
Common Name: Prestige Littleleaf Linden
Source: Discover-Tree Research **Quantity observed:** 1 **Location:** A4

Observation Date of Plant: 8/30/2017

Plant Habit: Pyramidal

Plant Height: 45-55 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 8-14 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Might be wider if not crowded by neighboring plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia cordata **Variety:** -0-
Cultivar: Ronald **Family:** Tiliaceae **Tsnum:** 92111
Common Name: Norlin Linden Crabapple
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** SC7-15

Observation Date of Plant: 10/2/2018
Plant Habit: Pyramidal becoming upright oval
Plant Height: 15 - 20 ft.
Plant Width: 15-20 ft.
Current Seasons Growth: 6-10 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair to good
Landscape Uses: Residential street, specimen

Overall Plant Health: Fair
Fruit Present: None
Fruit Color:
Insect Pests: Galls
Pest Severity: Slight injury

Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:

Recommended: Yes
Comments on plant: Moved Spring of 2003 due to unavoidable construction.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 9/23/2009
Aesthetics: Fair **Persistence:** 1-2 weeks
Fall Color: yellow, burnt orange

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Tilia cordata **Variety:** -0-
Cultivar: Salem **Family:** Tiliaceae **Tsnum:** 88086
Common Name: Salem Littleleaf Linden
Source: Handy Nursery Co. **Quantity observed:** 3 **Location:** A4, A3

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval

Plant Height: 28-45 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of three trees is much smaller from unknown cause but still looks healthy.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: bright yellow

Date of observation: 10/16/2003

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia cordata **Variety:**
Cultivar: Unizam **Family:** Tiliaceae **Tsnum:** 08018
Common Name: Unique Linden
Source: Femrite Nursery Company **Quantity observed:** 2 **Location:** B5, SC06-13

Observation Date of Plant: 9/15/2017

Plant Habit: Upright oval

Plant Height: 12-16 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2009. No suckers. Looks very uniform.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/4/2017

Aesthetics: Fair

Persistence: 1-2 weeks

Fall Color: Yellow, green (slow to turn)

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia herterophylla **Variety:**
Cultivar: Contintental Appeal **Family:** Tiliaceae **Tsnum:** 00040
Common Name: Continental Appeal Linden
Source: A. McGill & Son Nursery **Quantity observed:** 1 **Location:** SC5-15

Observation Date of Plant: 9/29/2017

Plant Habit: Upright oval

Plant Height: 15-20 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances: Severe suckering

Recommended: Yes

Comments on plant: Planted in 2003. Foliage is relatively large.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Poor

Fall Color: Green, brown

Date of observation: 10/12/2017

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia heterophylla **Variety:**
Cultivar: Continental Appeal **Family:** Tiliaceae **Tsnum:** 07056
Common Name: Continental Appeal Beetree Linden
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A6

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval

Plant Height: 6-8 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 3-6 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Fair

Landscape Uses: Residential street, specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011. Vigor is still a little low. May be in too much shade from nearby trees.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia mongolica **Variety:**
Cultivar: Harvest Gold **Family:** Tiliaceae **Tsnum:** 99014
Common Name: Harvest Gold Linden
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** SC06-6, SC07-16

Observation Date of Plant: 10/2/2018
Plant Habit: Pyramidal to upright oval
Plant Height: 10-15 ft.
Plant Width: 9-14 ft.
Current Seasons Growth: 3-6 in.

Foliage Color: Dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen

Overall Plant Health: Fair
Fruit Present: Few, unimportant
Fruit Color: Green turning to tan
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes

Comments on plant: Moved Spring of 2003 due to unavoidable construction. Very attractive with dark leaves and a uniform, compact growth habit. Vigor is low from unknown cause.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: Fall color **Date of observation:** 9/29/2009
Aesthetics: Fair to good **Persistence:** 1-2 weeks
Fall Color: Yellow

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia tomentosa **Variety:** -0-
Cultivar: Sterling Silver **Family:** Tiliaceae **Tsnum:** 87107
Common Name: Sterling Silver Silver Linden
Source: Pacific Coast Nursery **Quantity observed:** 2 **Location:** A3, A2

Observation Date of Plant: 8/29/2017
Plant Habit: Pyramidal becoming upright oval
Plant Height: 30-40 ft.
Plant Width: 30-35 ft.
Current Seasons Growth: 8-12 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good
Fruit Present: Few, not showy
Fruit Color: Tan
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant:

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Tilia x euchlora **Variety:** -0-
Cultivar: Redmond **Family:** Tiliaceae **Tsnum:** 81132
Common Name: Redmond Crimean Linden
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A5

Observation Date of Plant: 8/30/2017
Plant Habit: Pyramidal becoming upright oval
Plant Height: 55-65 ft.
Plant Width: 30-40 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen, large shade tree

Overall Plant Health: Good
Fruit Present: None
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant:

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit: **Date of observation:**
Aesthetics: **Persistence:**
Fall Color:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ulmus **Variety:**
Cultivar: Accolade **Family:** Ulmaceae **Tsnum:** 98044
Common Name: Accolade Elm
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** G7

Observation Date of Plant: 10/4/2018

Plant Habit: Upright oval

Plant Height: 40-50 ft.

Plant Width: 35-40 ft.

Current Seasons Growth: 20-30 in.

Foliage Color: Dark green, glossy

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has significantly less scale and sooty mold than other Ulmus.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: bright yellow

Date of observation: 9/30/2012

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ulmus **Variety:**
Cultivar: Morton Red Tip **Family:** Ulmaceae **Tsnum:** 98045
Common Name: Danada Charm Elm
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** G6

Observation Date of Plant: 10/4/2018

Plant Habit: Upright oval

Plant Height: 40-50 ft.

Plant Width: 35-40 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests: Scale, chewing insects and leafminer

Pest Severity: Minor injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Branches have a fair amount of sooty mold from scale. Not one of the better varieties but looks okay.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Yellow

Date of observation: 9/30/2012

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ulmus americana **Variety:**
Cultivar: JFS-Prince II **Family:** Ulmaceae **Tsnum:** 16018
Common Name: Colonial Spirit American Elm
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** G3?, G8

Observation Date of Plant: 9/28/2018

Plant Habit: Upright oval or vase

Plant Height: 12-18 ft.

Plant Width: 7-10 ft.

Current Seasons Growth: 2-3 ft.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Shade tree, specimen

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ulmus americana **Variety:**
Cultivar: Lewis and Clark **Family:** Ulmacea **Tsnum:** 14024
Common Name: Prairie Expedition Elm
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC11-02

Observation Date of Plant: 10/3/2018

Plant Habit: Upright oval

Plant Height: 8-10 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 12-24 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shade tree

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests: Scale

Pest Severity: Moderate

Plant Disease: Sooty mold

Disease Severity: Moderate injury

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2016. Looks a little leggy.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ulmus americana **Variety:**
Cultivar: Lewis and Clark **Family:** Ulmaceae **Tsnum:** 15067
Common Name: Prairie Expedition Elm
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** G8

Observation Date of Plant: 10/4/2018

Plant Habit: Upright oval

Plant Height: 10-15 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 2-3 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Shade tree

Overall Plant Health: Excellent

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ulmus americana **Variety:**
Cultivar: New Harmony **Family:** Ulmaceae **Tsnum:** 12040
Common Name: New Harmony Elm
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC12-02, G8

Observation Date of Plant: 10/3/2018

Plant Habit: Upright oval

Plant Height: 8-14 ft.

Plant Width: 6-10 ft

Current Seasons Growth: 10-20 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, large shade tree

Overall Plant Health: Fair to good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in 2013. A second tree planted in 2018.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ulmus davidiana **Variety:**
Cultivar: **Family:** Ulmaceae **Tsnum:** 96148
Common Name: David Elm
Source: Morton Arboretum from Harbi **Quantity observed:** 2 **Location:** G8

Observation Date of Plant: 10/4/2018

Plant Habit: Round

Plant Height: 45-45 ft.

Plant Width: 35-45 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, medium/large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has significantly less insect damage than some others in collection. Very clean overall.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 9/30/2012

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ulmus davidiana **Variety:**
Cultivar: JFS KW2UD **Family:** Ulmaceae **Tsnum:** 17026
Common Name: Greenstone Elm
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** G5

Observation Date of Plant: 9/28/2018

Plant Habit: Young, undefined

Plant Height: 6-9 ft.

Plant Width: 3-4 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Street tree, shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ulmus parvifolia **Variety:**
Cultivar: Dynasty **Family:** Ulmaceae **Tsnum:** 02041
Common Name: Dynasty Elm
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** SC12-7, 11

Observation Date of Plant: 10/3/2018

Plant Habit: Vase or upright oval

Plant Height: 12-18 ft.

Plant Width: 10-12 ft.

Current Seasons Growth: 10-15 in

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests: Scale

Pest Severity: Moderate injury - only on one tree

Plant Disease: Sooty mold

Disease Severity: Severe, aesthetics affected on only one of two trees

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of two looks much better than the second tree. Planted in arboretum in 2004.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ulmus propinqua **Variety:**
Cultivar: JFS-Bieberich **Family:** Ulmaceae **Tsnum:** 08008
Common Name: Emerald Sunshine Elm
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** G9

Observation Date of Plant: 10/4/2018

Plant Habit: Upright oval

Plant Height: 15-20 ft.

Plant Width: 8-12 ft.

Current Seasons Growth: 24-36 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2011.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ulmus x **Variety:**
Cultivar: Morton Glossy **Family:** Ulmaceae **Tsnum:** 00166
Common Name: Triumph Elm
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC12-9

Observation Date of Plant: 10/4/2018
Plant Habit: Upright oval becoming round
Plant Height: 12-18 ft.
Plant Width: 12-18 ft
Current Seasons Growth: 10-18 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, large shade tree

Overall Plant Health: Good
Fruit Present: None
Fruit Color:
Insect Pests: Scale
Pest Severity: Slight injury

Plant Disease:
Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2004. Suffered some storm damage October 2011 which decreased overall aesthetics but looks good since 2016.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ulmus x **Variety:**
Cultivar: Morton Plainsman **Family:** Ulmaceae **Tsnum:** 00167
Common Name: Vanguard Elm
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC12-3, G9

Observation Date of Plant: 10/3/2018

Plant Habit: Upright oval to round

Plant Height: 20-30 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 12-36 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests: Scale

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth habit isn't the best - lacks a central leader on largest tree and is leaning to one side due to crowding from nearby trees. Second tree is only about 10-15' tall but looks good.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair to poor

Fall Color: Pale yellow

Date of observation: 10/9/2009

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ulmus x **Variety:**
Cultivar: Morton Stalwart **Family:** Ulmaceae **Tsnum:** 00164
Common Name: Commendation Elm
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** G7, SC12-10

Observation Date of Plant: 10/4/2018

Plant Habit: Upright oval to irregular

Plant Height: 30-40 ft.

Plant Width: 25-35 ft.

Current Seasons Growth: 15-36 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests: Leaf miner

Pest Severity: Slight injury

Plant Disease: Wet wood on one of two trees

Disease Severity: Minor injury

Cultural Problems: Possible restrictive root on one side of the larger tree.

Nuisances:

Recommended: Yes

Comments on plant: Branching habit is fairly open on larger tree. Second tree at second site has much less vigor but still looks good.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Light yellow

Date of observation: 9/30/2012

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Ulmus x **Variety:**
Cultivar: Patriot **Family:** Ulmaceae **Tsnum:** 00165
Common Name: Patriot Elm
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC12-5,6

Observation Date of Plant: 10/3/2018
Plant Habit: Upright oval to irregular
Plant Height: 10-17 ft.
Plant Width: 10-15 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium to dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Residential street, large shade tree

Overall Plant Health: Fair
Fruit Present: None
Fruit Color:
Insect Pests: Scale, chewing insects
Pest Severity: Moderate to severe
Plant Disease: Sooty mold
Disease Severity: Moderate injury

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Planted in arboretum in 2004. Would look much better if not for scale and sooty mold. Has 30% dieback possibly due to scale but both also have large cankers as well.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ulmus x **Variety:** -0-
Cultivar: Pioneer **Family:** Ulmaceae **Tsnum:** 84243
Common Name: Pioneer Elm
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** F9

Observation Date of Plant: 10/1/2018

Plant Habit: Vase

Plant Height: 40-50 ft.

Plant Width: 30-40 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Residential street, large shade tree

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests: Scale

Pest Severity: Moderate injury

Plant Disease: Sooty mold

Disease Severity: Minor injury

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Needs some pruning due to dieback from scale.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum **Variety:** -0-
Cultivar: Emerald Triumph **Family:** Caprifoliaceae **Tsnum:** 92114
Common Name: Emerald Triumph Viburnum
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** B2, C2

Observation Date of Plant: 9/12/2017

Plant Habit: Round to broad oval

Plant Height: 7-9 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 6-10 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Red turning to black

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 4/26/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Red and golden yellow

Date of observation: 10/28/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum **Variety:** -0-
Cultivar: Emerald Triumph **Family:** Caprifoliaceae **Tsnum:** 92102
Common Name: Emerald Triumph Viburnum
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** A6

Observation Date of Plant: 8/30/2017

Plant Habit: Broad oval to round

Plant Height: 8-12 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Looks great in difficult area with a lot of dry shade.

Observation Date of Flowers: 4/26/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 70-90%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: red, orangish red

Date of observation: 10/21/2003

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Viburnum **Variety:**
Cultivar: Emerald Triumph **Family:** Caprifoliaceae **Tsnum:** 13030
Common Name: Emerald Triumph Viburnum
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** B1

Observation Date of Plant: 10/2/2017

Plant Habit: Upright oval

Plant Height: 5-7 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, confined areas requiring a small tree

Overall Plant Health: Good

Fruit Present:

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2014.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum bodnantense **Variety:** -0-
Cultivar: Pink Dawn **Family:** Caprifoliaceae **Tsnum:** 88204
Common Name: Pink Dawn Hybrid Viburnum
Source: Hines Nursery **Quantity observed:** 1 **Location:** B1

Observation Date of Plant: 10/2/2017
Plant Habit: Round becoming broad oval
Plant Height: 9-12 ft.
Plant Width: 12-18 ft
Current Seasons Growth: 6-10 in.

Foliage Color: Medium to dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair
Fruit Present: None
Fruit Color:
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: Yes
Comments on plant:

Observation Date of Flowers: 3/18/2012
Flower Color: Pink
Flower Type: Cluster
Flower Effect: Excellent
% of Flower Coverage: 85-100%
Bloom Stage: Flowers open

Comments on Flowers: One of few years flowers were not frozen and it looks very good plus has a nice fragrance. Great pink color.

Fall Color or Fruit: Fall color **Date of observation:** 10/28/2008
Aesthetics: Excellent **Persistence:** 1-2 weeks
Fall Color: Bronze/red

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum carlcephalum **Variety:**
Cultivar: **Family:** Caprifoliaceae **Tsnum:** 95116
Common Name: Fragrant Snowball Viburnum
Source: Oregon Garden Products **Quantity observed:** 1 **Location:** A4

Observation Date of Plant: 9/15/2017

Plant Habit: Broad oval, irregular

Plant Height: 5-8 ft.

Plant Width: 6-10 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: About half of canopy died back in winter of 2004/05 and 25% in 2005/06 but surviving part has good vigor. In 2006/2007 10-20% of canopy - one stem was wilting/dying from apparent canker. No dieback in 2011, 2013 or 2015 but still

Observation Date of Flowers: 5/2/2006

Flower Color: White, pink buds

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 20-40%

Bloom Stage: Flowers open

Comments on Flowers: Would probably have more flowers if plant was in a site that was more moist.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum dentatum **Variety:** -0-
Cultivar: -0- **Family:** Caprifoliaceae **Tsnum:** 88118
Common Name: Arrowwood Viburnum
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A4

Observation Date of Plant: 8/30/2017

Plant Habit: Round

Plant Height: 4 - 6 ft

Plant Width: 5-7 ft.

Current Seasons Growth: 4-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Would probably have better vigor if not on edge of arboretum where irrigation is less uniform.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum dentatum **Variety:** -0-
Cultivar: -0- **Family:** Caprifoliaceae **Tsnum:** 83263
Common Name: Downy Viburnum
Source: Synnestvedt Nursery **Quantity observed:** 1 **Location:** B3

Observation Date of Plant: 10/9/2017
Plant Habit: Round becoming broad oval
Plant Height: 8-10 ft.
Plant Width: 10-15 ft.
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair to good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Canopy looks a little thin and is a little floppy - may be in too much shade.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum dentatum **Variety:**
Cultivar: Moonglo **Family:** Caprifoliaceae **Tsnum:** 02019
Common Name: Moonglo Arrowwood Viburnum
Source: Sjulín Nurseries **Quantity observed:** 2 **Location:** B3

Observation Date of Plant: 10/9/2017

Plant Habit: Upright oval to round

Plant Height: 4-6 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Dark purple

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: 5/22/06 - Removed 75-80% of canopy due to winter dieback when temperatures were -16F. Looked fine Spring of 2007 despite similar temperatures and no additional damage in 2008 - 2018. May grow larger if in full sun.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum dentatum **Variety:**
Cultivar: Morton **Family:** Caprifoliaceae **Tsnum:** 98048
Common Name: Northern Burgundy Viburnum
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A4

Observation Date of Plant: 8/30/2017

Plant Habit: Round

Plant Height: 3 - 4.5 ft.

Plant Width: 4-5 ft.

Current Seasons Growth: 2-4 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Specimen, shrub border

Overall Plant Health: Poor

Fruit Present: Few fruit

Fruit Color: Black

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Marginal

Comments on plant: Would probably have better vigor if not at edge of arboretum which has less uniform irrigation.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum dentatum **Variety:**
Cultivar: Ralph Senior **Family:** Caprifoliaceae **Tsnum:** 07079
Common Name: Autumn Jazz Arrowwood Viburnum
Source: Carlton Plants **Quantity observed:** 2 **Location:** B3

Observation Date of Plant: 10/9/2017

Plant Habit: Upright oval

Plant Height: 6-8 ft.

Plant Width: 3-5 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few

Fruit Color: Black

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2008.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Yellow

Date of observation: 10/10/2009

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum dilatatum **Variety:**
Cultivar: Oneida **Family:** Caprifoliaceae **Tsnum:** 96086
Common Name: Oneida Viburnum
Source: Bailey Nurseries **Quantity observed:** 3 **Location:** A3, A4

Observation Date of Plant: 8/28/2017

Plant Habit: Upright oval to round

Plant Height: 5-8 ft.

Plant Width: 6-9 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark to medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Would probably look better if not at edge of arboretum which has less uniform irrigation. One of three is significantly smaller than the others.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum lantana **Variety:** -0-
Cultivar: -0- **Family:** Caprifoliaceae **Tsnum:** 78130
Common Name: Wayfaringtree Viburnum
Source: Unknown **Quantity observed:** 1 **Location:** B2

Observation Date of Plant: 10/2/2017

Plant Habit: Broad oval

Plant Height: 8 - 12 ft.

Plant Width: 15 - 20 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Dark green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Moderate fruiting

Fruit Color: Red turning to black

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Has a nice dense growth habit.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: green/purple

Date of observation: 9/23/2004

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum lantana **Variety:** -0-
Cultivar: Mohican **Family:** Caprifoliaceae **Tsnum:** 83259
Common Name: Mohican Wayfaringtree Viburnum
Source: Synnestvedt Nursery **Quantity observed:** 1 **Location:** C1

Observation Date of Plant: 9/12/2017

Plant Habit: Broad oval

Plant Height: 8-10 ft.

Plant Width: 12-16 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Purple

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2008 and has come back strong.

Observation Date of Flowers: 5/10/2006

Flower Color: White

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 60-80%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum lantana **Variety:** -0-
Cultivar: Mohican **Family:** Caprifoliaceae **Tsnum:** 80148
Common Name: Mohican Wayfaringtree Viburnum
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** C2

Observation Date of Plant: 9/12/2017

Plant Habit: Round or broad oval

Plant Height: 8 - 12 ft.

Plant Width: 12 -16 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Purple

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum lantana **Variety:** -0-
Cultivar: Rugosum **Family:** Caprifoliaceae **Tsnum:** 83260
Common Name: Rugosa Wayfaringtree Viburnum
Source: Synnestvedt Nursery **Quantity observed:** 2 **Location:** B1

Observation Date of Plant: 10/2/2017

Plant Habit: Round

Plant Height: 9-11 ft.

Plant Width: 10-15 ft

Current Seasons Growth: 6-12 in.

Foliage Color: Medium to dark green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Purple/black

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One of two was rejuvenated in 2009.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Good

Fall Color: Dark purple/red

Date of observation: 11/11/2009

Persistence: 2-3 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum lentago **Variety:** -0-
Cultivar: -0- **Family:** Caprifoliaceae **Tsnum:** 77013
Common Name: Nannyberry Viburnum
Source: Unknown **Quantity observed:** 1 **Location:** B2

Observation Date of Plant: 9/5/2017

Plant Habit: Broad oval

Plant Height: 8-12 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 6-8 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Dark purple

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Seems to be a little misshapen by heavy snow in May 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Date of observation: 10/4/2017

Aesthetics: Excellent

Persistence: 1-2 weeks

Fall Color: pale golden yellow, true red

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum mongolicum **Variety:**
Cultivar: Ames 2814 **Family:** Caprifoliaceae **Tsnum:** 11009
Common Name: Mongolian Viburnum
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** C3

Observation Date of Plant: 10/9/2017

Plant Habit: Upright oval

Plant Height: 4-6 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2013. One of three moved in 2017 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum opulus **Variety:** -0-
Cultivar: -0- **Family:** Caprifoliaceae **Tsnum:** 78127
Common Name: European Cranberrybush Viburnum
Source: Unknown **Quantity observed:** 1 **Location:** C2

Observation Date of Plant: 9/12/2017

Plant Habit: Round to broad oval

Plant Height: 10-14 ft.

Plant Width: 20-28 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Red, showy

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Would look better if not deformed by heavy snow in May.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: light yellow, burnt red

Date of observation: 10/28/2003

Persistence: 1-2 weeks

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Viburnum opulus **Variety:** -0-
Cultivar: Aurea **Family:** Caprifoliaceae **Tsnum:** 82105
Common Name: Golden European Cranberrybush Viburnum
Source: Cross Nurseries Inc. **Quantity observed:** 2 **Location:** B3

Observation Date of Plant: 10/9/2017

Plant Habit: Round to broad oval

Plant Height: 10 -12 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Light green, light yellow

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Moderate amount of fruit

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: One plant was removed in 2017 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum opulus **Variety:** -0-
Cultivar: Compactum **Family:** Caprifoliaceae **Tsnum:** 81249
Common Name: Compact European Cranberrybush Viburnum
Source: Cross Nurseries Inc. **Quantity observed:** 1 **Location:** B2

Observation Date of Plant: 10/9/2017
Plant Habit: Upright oval becoming round
Plant Height: 5-7 ft.
Plant Width: 5-8 ft
Current Seasons Growth: 6-12 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: Few

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Vigor may improve now that nearby plants removed in 2017 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum opulus **Variety:**
Cultivar: Roseum **Family:** Caprifoliaceae **Tsnum:** 98021
Common Name: Snowball Viburnum
Source: J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** A5

Observation Date of Plant: 8/30/2017

Plant Habit: Round to broad oval

Plant Height: 7-10 ft.

Plant Width: 8-14 ft.

Current Seasons Growth: 12-36 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Doing well for being at edge of arboretum.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum opulus **Variety:** -0-
Cultivar: Xanthocarpa **Family:** Caprifoliaceae **Tsnum:** 81294
Common Name: European Cranberrybush Viburnum
Source: Denver Botanic Gardens **Quantity observed:** 2 **Location:** B2

Observation Date of Plant: 9/4/2017

Plant Habit: Round to broad oval

Plant Height: 8-12 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: Few

Fruit Color: Orange

Insect Pests: Aphids

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2011. Both are slightly chlorotic.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum rafinesquianum **Variety:** -0-
Cultivar: -0- **Family:** Caprifoliaceae **Tsnum:** 85009
Common Name: Downy Arrowhead Viburnum
Source: Minnesota Landscape Arbore **Quantity observed:** 1 **Location:** C3

Observation Date of Plant: 9/23/2017

Plant Habit: Broad oval

Plant Height: 6 - 8 ft.

Plant Width: 10-14 ft

Current Seasons Growth: 3-6 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Growth increments seem small. Main problem is about a third of the plant has flopped open possibly due to snow load bur it is slow to regain shape.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum rufidulum **Variety:**
Cultivar: 21668 **Family:** Caprifoliaceae **Tsnum:** 03029
Common Name: Rusty Blackhaw Viburnum
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** A5

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval to round

Plant Height: 4-6 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 10-15 in

Foliage Color: Dark green, glossy

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2004. 6/2/06 - Removed 80% of canopy due to -16F winter temperatures in December 2005. No damage since then. Looks good despite location at edge of arboretum where irrigation is less uniform.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum rufidulum **Variety:**
Cultivar: 25098 **Family:** Caprifoliaceae **Tsnum:** 03030
Common Name: Rusty Blackhaw Viburnum
Source: USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** A5

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval to round

Plant Height: 5-7 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Dark green, glossy

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2004. Very attractive, glossy foliage. Looks good especially for growing at edge of arboretum where irrigation is less uniform.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum sargentii **Variety:** -0-
Cultivar: Flavum **Family:** Caprifoliaceae **Tsnum:** 81303
Common Name: Sargent Viburnum
Source: Denver Botanic Gardens **Quantity observed:** 1 **Location:** B2

Observation Date of Plant: 10/9/2017

Plant Habit: Broad oval, irregular

Plant Height: 7-10 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Width may be different in another landscape since this one is crowded by neighbors. Growth habit is a little leggy and deformed by heavy snow in May 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum trilobum **Variety:** -0-
Cultivar: -0- **Family:** Caprifoliaceae **Tsnum:** 81155
Common Name: American Cranberrybush Viburnum
Source: Bailey Nurseries **Quantity observed:** 3 **Location:** B2, B3

Observation Date of Plant: 10/2/2017

Plant Habit: Broad oval to round

Plant Height: 8-11 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: Moderate amount of fruit

Fruit Color: Red, showy

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Width may be different in another landscape since this one is crowded by neighbors. One of three was rejuvenated in 2011.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair

Fall Color: Pale yellow

Date of observation: 10/6/2008

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum trilobum **Variety:**
Cultivar: Hahs **Family:** Caprifoliaceae **Tsnum:** 98047
Common Name: Hahs American Cranberry Bush
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** C2, C3

Observation Date of Plant: 9/12/2017
Plant Habit: Upright oval becoming round
Plant Height: 7-10 ft.
Plant Width: 7-10 ft.
Current Seasons Growth: 12-18 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen, shrub border, hedge

Overall Plant Health: Good
Fruit Present: Few, showy
Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in arboretum in 2004. Would probably look better with full sun and probably deformed by heavy snow in May.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum trilobum **Variety:**
Cultivar: J. N. Select **Family:** Caprifoliaceae **Tsnum:** 07035
Common Name: Redwing American Cranberrybush
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** C2

Observation Date of Plant: 9/12/2017

Plant Habit: Upright oval to round

Plant Height: 5-7 ft.

Plant Width: 6-10 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: Few fruit

Fruit Color: Red, showy

Insect Pests: Aphids

Pest Severity: Slight injury

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2009. Would probably look better with full sun but getting shaded from nearby trees.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum trilobum **Variety:** -0-
Cultivar: Wentworth **Family:** Caprifoliaceae **Tsnum:** 84120
Common Name: Wentworth Amer. Cranberrybush Viburnum
Source: Sherman Nursery **Quantity observed:** 1 **Location:** C3

Observation Date of Plant: 9/23/2017

Plant Habit: Irregular or broad oval

Plant Height: 8-10 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Rejuvenated in 2010. Growth habit deformed by heavy snow in May 2017.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum x burkwoodii **Variety:**
Cultivar: Mohawk **Family:** Caprifoliaceae **Tsnum:** 03007
Common Name: Mohawk Burkwood Viburnum
Source: Carlton Plants **Quantity observed:** 1 **Location:** A6

Observation Date of Plant: 8/30/2017

Plant Habit: Upright oval

Plant Height: 6-8 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green, glossy

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: May be getting too much shade from nearby plants.

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2005. Probably would look better and be larger with more sun.

Observation Date of Flowers: 4/26/2006

Flower Color: Pink buds, white flowers

Flower Type: cluster

Flower Effect: Good

% of Flower Coverage: 20-40%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum x pragense **Variety:**
Cultivar: **Family:** Caprifoliaceae **Tsnum:** 03159
Common Name: Prague Viburnum
Source: Monrovia Growers **Quantity observed:** 2 **Location:** B2

Observation Date of Plant: 10/2/2017

Plant Habit: Upright oval to round

Plant Height: 6-8 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Dark green, glossy

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Red

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Sudden and severe freeze November 2014 caused 50% loss in canopy.

Observation Date of Flowers: 5/10/2006

Flower Color: White flowers, pink buds

Flower Type: Cluster

Flower Effect: Fair

% of Flower Coverage: 10-15%

Bloom Stage: Flowers open

Comments on Flowers: Almost all buds over two feet above the ground are brown and crisp - appears to have frozen during the -15F weather in the winter.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum x rhytidophylloides **Variety:** -0-
Cultivar: -0- **Family:** Caprifoliaceae **Tsnum:** 83123
Common Name: Lantanaphyllum Viburnum
Source: US Nat'l Arboretum **Quantity observed:** 1 **Location:** F9

Observation Date of Plant: 10/2/2018

Plant Habit: Upright oval

Plant Height: 6-9 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Wildlife, specimen, shrub border

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Purple/black

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Moved in fall of 2016 due to unavoidable construction.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum x rhytidophylloides **Variety:** -0-
Cultivar: Alleghany **Family:** Caprifoliaceae **Tsnum:** 80150
Common Name: Alleghany Lantanaphyllum Viburnum
Source: USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** B2

Observation Date of Plant: 10/2/2017

Plant Habit: Broad oval

Plant Height: 8 - 12 ft.

Plant Width: 15-20 ft.

Current Seasons Growth: 6 - 12 in.

Foliage Color: Dark green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Excellent

Landscape Uses: Wildlife, specimen, xeriscape, shrub border

Overall Plant Health: Good

Fruit Present: Abundant

Fruit Color: Red turning to black

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Excellent dark green foliage.

Observation Date of Flowers: 5/10/2006

Flower Color: White/cream

Flower Type: Cluster

Flower Effect: Good

% of Flower Coverage: 40-60%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Viburnum x rhytidophylloides **Variety:**
Cultivar: Alleghany **Family:** Caprifoliaceae **Tsnum:** 96207
Common Name: Alleghany Viburnum
Source: Denver Botanic Gardens/Plan **Quantity observed:** 3 **Location:** G0

Observation Date of Plant: 10/8/2017

Plant Habit: Round

Plant Height: 10-15 ft.

Plant Width: 10-15 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Not very important

Plant Summer Texture: Medium

Aesthetic Plant Quality: Excellent

Landscape Uses: Hedge, specimen, xeriscape, shrub border

Overall Plant Health: Excellent

Fruit Present: Few fruit

Fruit Color: Dark purple

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Excellent dark green foliage.

Observation Date of Flowers: 5/8/2006

Flower Color: White

Flower Type: cluster

Flower Effect: Good

% of Flower Coverage: 60-80%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Vitex agnus-castus **Variety:**
Cultivar: VX15-01-173 (Delta Pink) **Family:** Lamiaceae **Tsnum:** 18167
Common Name: First Editions® TBA
Source: Bailey Nurseries **Quantity observed:** 4 **Location:** G4

Observation Date of Plant: 9/29/2018
Plant Habit: Young, undefined
Plant Height: 1-2 ft
Plant Width: 1-2 ft.
Current Seasons Growth: 12-18 in

Foliage Color: Dark green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: Moderate amount
Fruit Color: Green
Insect Pests:
Pest Severity:
Plant Disease:
Disease Severity:
Cultural Problems:
Nuisances:
Recommended: n/a
Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:
Flower Color:
Flower Type:
Flower Effect:
% of Flower Coverage:
Bloom Stage:
Comments on Flowers:

Fall Color or Fruit:
Aesthetics:
Fall Color:

Date of observation:
Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Weigela florida **Variety:** -0-
Cultivar: Bristol Snowflake **Family:** Caprifoliaceae **Tsnum:** 84186
Common Name: Bristol Snowflake Old Fashioned Weigela
Source: Zelenka Nursery **Quantity observed:** 1 **Location:** A12

Observation Date of Plant: 9/27/2018

Plant Habit: Round to broad oval

Plant Height: 4-5 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 2-3 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Removed 50% dead wood in 2010 due to winter dieback but looks fine in 2012, 2014, 2016 and 2018.

Observation Date of Flowers: 6/5/2006

Flower Color: White

Flower Type: Single

Flower Effect: Excellent

% of Flower Coverage: 80-90%

Bloom Stage: Flowers open

Comments on Flowers: Some flowers even in late September

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Weigela florida **Variety:** -0-
Cultivar: Eva Rathke **Family:** Caprifoliaceae **Tsnum:** 88082
Common Name: Eva Rathke Old Fashioned Weigela
Source: Mount Arbor Nursery **Quantity observed:** 2 **Location:** A11

Observation Date of Plant: 7/26/2018
Plant Habit: Upright oval becoming round
Plant Height: 5-6 ft.
Plant Width: 7-9 ft.
Current Seasons Growth: 1-2 ft.

Foliage Color: Light green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: None

Fruit Color:
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Removed about 40% of dead wood in 2010 from one of two plants - possibly due to harsh winter in 2009-2010. Both plants have 5-10 % dead twigs but not sure if it was from last winter.

Observation Date of Flowers: 6/5/2006

Flower Color: Red

Flower Type: Single

Flower Effect: Fair

% of Flower Coverage: 40-50%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Weigela florida **Variety:** -0-
Cultivar: Pink Delight **Family:** Caprifoliaceae **Tsnum:** 84204
Common Name: Pink Delight Old Fashioned Weigela
Source: Bailey Nurseries **Quantity observed:** 1 **Location:** A12

Observation Date of Plant: 9/27/2018

Plant Habit: Broad oval to round

Plant Height: 6-8 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 1-2 ft.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Coarse

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 6/2/2006

Flower Color: Rose/pink

Flower Type: Single

Flower Effect: Fair

% of Flower Coverage: 40-60%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Weigela florida **Variety:** -0-
Cultivar: Vaniceki **Family:** Caprifoliaceae **Tsnum:** 81157
Common Name: Vanicek Old Fashioned Weigela
Source: Bailey Nurseries **Quantity observed:** 3 **Location:** A13, AA13

Observation Date of Plant: 9/27/2018
Plant Habit: Round becoming broad oval
Plant Height: 7 - 9 ft.
Plant Width: 7-10 ft.
Current Seasons Growth: 1-2 ft.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Specimen, shrub border

Overall Plant Health: Good
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Two of three rejuvenated in 2016.

Observation Date of Flowers: 6/2/2006
Flower Color: Dark Red
Flower Type: Single
Flower Effect: Good
% of Flower Coverage: 80-90%
Bloom Stage: Flowers open
Comments on Flowers: Best Weigela for flowers in this collection.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Weigela florida **Variety:**
Cultivar: Variegata **Family:** Caprifoliaceae **Tsnum:** 94005
Common Name: Variegated Weigala
Source: Sjulín Nurseries **Quantity observed:** 1 **Location:** A11

Observation Date of Plant: 7/26/2018

Plant Habit: Round

Plant Height: 4-6 ft.

Plant Width: 5-8 ft.

Current Seasons Growth: 8-15 in.

Foliage Color: Variegated, medium green and light green and white

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers: 5/26/2006

Flower Color: Pink fading to white

Flower Type: Single

Flower Effect: Fair

% of Flower Coverage: 15-30%

Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Weigela florida **Variety:**
Cultivar: Verweig **Family:** Caprifoliaceae **Tsnum:** 15091
Common Name: My Monet Sunset Weigela
Source: Monrovia Growers **Quantity observed:** 3 **Location:** AA12

Observation Date of Plant: 9/27/2018

Plant Habit: Young, undefined

Plant Height: 1-2 ft.

Plant Width: 1 ft.

Current Seasons Growth: 2-4 in

Foliage Color: Variegated, medium green and white with some shades of red

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems: Possibly in too much shade

Nuisances:

Recommended: Yes

Comments on plant: Planted in 2016. Would probably look better if growing in full sun .

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Weigela hortensis **Variety:** -0-
Cultivar: -0- **Family:** Caprifoliaceae **Tsnum:** 85037
Common Name: Weigela
Source: US Nat'l Arboretum **Quantity observed:** 2 **Location:** A12

Observation Date of Plant: 9/27/2018

Plant Habit: Broad oval to irregular

Plant Height: 3-5 ft.

Plant Width: 5-10 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to good

Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair to good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Both plants are slightly chlorotic

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

**2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

Scientific Name: Weigla florida **Variety:**
Cultivar: Pink Poppet **Family:** Caprifoliaceae **Tsnum:** 04204
Common Name: Pink Poppet Weigela
Source: Monrovia Growers **Quantity observed:** 1 **Location:** AA12

Observation Date of Plant: 7/26/2018
Plant Habit: Round becoming broad oval
Plant Height: 2-3 ft.
Plant Width: 3-5 ft.
Current Seasons Growth: 6-10 in.

Foliage Color: Light to medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Fair
Landscape Uses: Specimen, shrub border

Overall Plant Health: Fair
Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Would probably look better if not getting crowded by nearby plants.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Xanthoceras sorbifolium **Variety:**
Cultivar: **Family:** Sapindaceae **Tsnum:** 12164
Common Name: Yellowhorn
Source: Garden and Home Show **Quantity observed:** 1 **Location:** G0

Observation Date of Plant: 10/8/2017

Plant Habit: Irregular

Plant Height: 6-8 ft.

Plant Width: 6-8 ft.

Current Seasons Growth: 6-12 in

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, wildlife, edible

Overall Plant Health: Good

Fruit Present: Moderate amount, squirrels get them quickly

Fruit Color: brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Would probably look better with regular pruning.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Xanthoceras sorbifolium **Variety:**
Cultivar: **Family:** Sapindaceae **Tsnum:** 01036
Common Name: Yellow Horn
Source: USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** G0

Observation Date of Plant: 9/14/2017

Plant Habit: Round

Plant Height: 7-8 ft.

Plant Width: 8-10 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, small tree

Overall Plant Health: Good

Fruit Present: Few, edible

Fruit Color: Brown

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant:

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Xanthoceras sorbifolium **Variety:**
Cultivar: **Family:** Sapindaceae **Tsnum:** 97067
Common Name: Yellowhorn
Source: Bailey Nurseries **Quantity observed:** 2 **Location:** D7, G0

Observation Date of Plant: 9/30/2018
Plant Habit: Upright oval becoming round
Plant Height: 15-25 ft.
Plant Width: 15-20 ft.
Current Seasons Growth: 8-12 in.

Foliage Color: Medium green
Bark Characteristics: Unimportant
Plant Summer Texture: Medium
Aesthetic Plant Quality: Good
Landscape Uses: Residential street, specimen, wildlife

Overall Plant Health: Good
Fruit Present: Few fruit but still interesting
Fruit Color: brown
Insect Pests:

Pest Severity:
Plant Disease:

Disease Severity:
Cultural Problems:
Nuisances:

Recommended: Yes

Comments on plant: Attractive foliage. Looks good all summer. Edible nuts are good but fairly small and labor intensive.

Observation Date of Flowers: 4/24/2012
Flower Color: White developing a maroon eye
Flower Type: Cluster
Flower Effect: Excellent
% of Flower Coverage: 95-100%
Bloom Stage: Flowers open

Comments on Flowers:

Fall Color or Fruit: Fall color
Aesthetics: Good
Fall Color: Yellow

Date of observation: 10/10/2004
Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Zelkova serrata **Variety:**
Cultivar: Green Vase **Family:** Ulmaceae **Tsnum:** 01019
Common Name: Green Vase Zelkova
Source: Carlton Plants **Quantity observed:** 1 **Location:** SC6-3

Observation Date of Plant: 9/29/2017

Plant Habit: Vase

Plant Height: 20-30 ft.

Plant Width: 10-14 ft.

Current Seasons Growth: 10-15 in.

Foliage Color: Medium green

Bark Characteristics: Intermediate importance

Plant Summer Texture: Medium

Aesthetic Plant Quality: Poor

Landscape Uses: Residential street, specimen

Overall Plant Health: Poor

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Severe injury

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Planted in arboretum in 2003. Cankers have caused large dead area at four areas along trunk and half of tree is dead.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Zelkova serrata **Variety:**
Cultivar: Musashino **Family:** Ulmaceae **Tsnum:** 99010
Common Name: Musashino Zelkova
Source: J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC11-1, 12-01

Observation Date of Plant: 10/3/2018

Plant Habit: Vase

Plant Height: 12-17 ft.

Plant Width: 5-7 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Medium to dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Fair to poor

Landscape Uses: Residential street, Specimen

Overall Plant Health: Fair

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease: Canker

Disease Severity: Moderate to severe damage

Cultural Problems:

Nuisances:

Recommended: No

Comments on plant: Planted in 2003. Appears hardy for this area but susceptible to canker.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit: Fall color

Aesthetics: Fair to good

Fall Color: Red

Date of observation: 10/9/2009

Persistence: 1-2 weeks

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Zelkova serrata **Variety:**
Cultivar: Schmidflow **Family:** Ulmaceae **Tsnum:** 16029
Common Name: Wireless Zelkova
Source: J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** G..., SC11-06

Observation Date of Plant: 9/28/2018

Plant Habit: Upright oval

Plant Height: 8-12 ft.

Plant Width: 4-6 ft.

Current Seasons Growth: 6-12 in.

Foliage Color: Dark green

Bark Characteristics: Unimportant

Plant Summer Texture: Medium

Aesthetic Plant Quality: Good

Landscape Uses: Shade tree, street tree, lawn tree

Overall Plant Health: Good

Fruit Present: None

Fruit Color:

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: n/a

Comments on plant: Planted in 2018 - too soon to recommend.

Observation Date of Flowers:

Flower Color:

Flower Type:

Flower Effect:

% of Flower Coverage:

Bloom Stage:

Comments on Flowers:

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence:

2018 Woody Plant Evaluations
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

Scientific Name: Ziziphus jujube **Variety:** -0-
Cultivar: -0- **Family:** Rhamnaceae **Tsnum:** 78013
Common Name: Common Jujube
Source: Knox City Plant Material **Quantity observed:** 1 **Location:** E7

Observation Date of Plant: 10/1/2018

Plant Habit: Upright oval

Plant Height: 18-24 ft.

Plant Width: 15-20 ft

Current Seasons Growth: 12-18 in.

Foliage Color: Medium green, very glossy

Bark Characteristics: Unimportant

Plant Summer Texture: Fine

Aesthetic Plant Quality: Good

Landscape Uses: Specimen, large shrub for back of border, small tree

Overall Plant Health: Good

Fruit Present: Few fruit

Fruit Color: Brown/Orange

Insect Pests:

Pest Severity:

Plant Disease:

Disease Severity:

Cultural Problems:

Nuisances:

Recommended: Yes

Comments on plant: Foliage is drab "Army green" but very glossy. Has had die back during a very cold winter about 1990 but had no problems during severe cold in winters since then.

Observation Date of Flowers: 7/23/2003

Flower Color: Yellow

Flower Type: Cluster

Flower Effect: Poor

% of Flower Coverage: 26-50%

Bloom Stage: Flowers open

Comments on Flowers: Flowers are too tiny to be showy.

Fall Color or Fruit:

Aesthetics:

Fall Color:

Date of observation:

Persistence: