

Appendix C
Suggested Species for the Town of Paonia
USDA Hardiness Zone 6a (-10°F to -5°F) and 6b (-5°F to 0°F)
All trees listed are appropriate in Zone 6

Large Trees – Height 40 + feet:

Catalpa, Western – *Catalpa speciosa*

- Height 40-50 feet, Width 25-35 feet

Elm, American cultivars – *Ulmus americana*

- Height 55-70 feet, Width 50-70 feet
- Recommended cultivars: ‘Princeton’, ‘Valley Forge’, ‘New Harmony’, ‘Jefferson’

Ginkgo – *Ginkgo biloba*

- Height 50-80 feet, Width 30-40 feet
- Only plant male trees. Female fruit is undesirable.

Hackberry – *Celtis occidentalis*

- Height 40-60 feet, Width 30-35 feet

Honeylocust – *Gleditsia triacanthos var. inermis*

- Height 30-50 feet, Width 30-35 feet
- Recommended cultivars: ‘Imperial’, ‘Shademaster’, ‘Skyline’

Kentucky Coffeetree – *Gymnocladus dioica*

- Height 50-60 feet, Width 40-50 feet

Linden, American – *Tilia americana*

- Height 40-60 feet, Width 25-30 feet
- Recommended cultivars: ‘Redmond’

Linden, Littleleaf – *Tilia cordata*

- Height 40-50 feet, Width 20-30 feet
- Recommended cultivars: ‘Glenleven’, ‘Greenspire’

Oak – *Quercus* species.

- Height 40-60 feet, Width 35-50 feet
- Recommended species: Chinquapin, Bur, English Swamp White

Tulip tree – *Liriodendron tulipifera*

- Height 60-80 feet, Width 40-50 feet

Walnut, Black – *Juglans nigra*

- Height 50-75 feet, Width 30-50 feet



Kentucky coffeetree



American linden

Medium Trees - Height 20 – 40 feet:

Birch, River – *Betula nigra*

- Height 20-30 feet, Width 15-20 feet

Boxelder, Sensation – *Acer negundo* 'Sensation'

- Height 30-40 feet, Width 25-30 feet

Chokecherry or Amur chokecherry – *Prunus virginiana* or *maackii*

- Height 20-30 feet, Width 18-20 feet
- Recommended *P. virginiana* cultivars: 'Canada Red', 'Shubert'

Elm, Frontier – *Ulmus* 'Frontier'

- Height 30-40 feet, Width 20-30 feet

Golden Raintree – *Koelreuteria paniculata*

- Height 20-30 feet, Width 15-25 feet

Japanese Tree Lilac – *Syringa reticulata*

- Height 20-30 feet, Width 15-20 feet

Maackia – *Maackia amurensis*

- Height 20-30 feet, Width 20-30 feet

Maple, Tatarian – *Acer tataricum*

- Height 20-25 feet, Width 18-20 feet

Pear, Callery cultivars – *Pyrus calleryana* cultivars

- Height 25-35 feet, Width 15-25 feet
- Recommended cultivars: 'Autumn Blaze', 'Chanticleer'

Redbud, Eastern – *Cercis Canadensis*

- Height 20-30 feet, Width 20-30 feet
- Not recommended: Western redbud



Autumn Blaze pear



Russian hawthorn

Small Trees - Height < 20 feet:

Crabapple – *Malus* species

- Height 15-30 ft, Width 8-30 feet
- Look for cultivars that are resistant to fireblight

Hawthorn – *Crataegus* species

- Height 15-30 feet, Width 15-35 feet
- Recommended species: Thornless Cockspur, Russian, Winter King

Maple, Amur/Ginnala – *Acer ginnala*

- Height 15-20 feet, Width 15-20 feet

Mayday Tree – *Prunus padus*

- Height 15-25 feet, Width 15-20 feet

Oak, Gambel – *Quercus gambellii*

- Height 15-30 feet, Width 12-20 feet

Plum, Flowering – *Prunus cerasifera*

- Height 15-20 feet, Width 15-20 feet
- Recommended cultivars: ‘Mount St. Helens’; ‘Newport’

Privet, New Mexican – *Forestiera neomexicana*

- Height 8-15 feet, Width 8-10 feet

Serviceberry – *Amelanchier* species

- Height 4-20 feet, Width 4-12 feet
- Recommended cultivars: ‘Regent’, ‘Saskatoon’, ‘Shadblow’



Saskatoon serviceberry

Conifer Trees:

Arborvitae– *Thuja occidentalis* or *Thuja plicata*

- Height and Width – variable depending on cultivar/variety

Douglas-fir – *Pseudotsuga menziesii*

- Height 40-80 feet, Width 12-20 feet

Fir, Concolor – *Abies concolor*

- Height 30-50 feet, Width 15-30 feet

Juniper – *Juniperus* species

- Height 16-20 feet, Width 12-15 feet
- Recommended species: Rocky Mountain; Utah

Pine – *Pinus* species

- Height 12-60 feet, Width 12-40 feet
- Recommended species: Austrian; Bristlecone; Limber; Pinyon; Ponderosa; Scotch; Southwestern white

Redwood, Dawn - *Metasequoia glyptostroboides*

- Height 40-50 feet, Width 25-35 feet



Dawn redwood

Trees Not Recommended or Limited Planting:

Aspen – *Populus tremuloides*

- Highly susceptible to insects and diseases.
- Plant at low levels.

Boxelder (female trees) – *Acer negundo*

- Female trees attract boxelder bugs.

Ash – *Fraxinus* species

- Susceptible to the Emerald Ash Borer.

Russian Olive – *Elaeagnus angustifolia*

- On noxious weed list.

Siberian Elm – *Ulmus pumila*

- Invasive, non-native species.

Silver Maple – *Acer saccharinum*

- Branches are susceptible to breakage