

# **BLACK ELDERBERRY** *Sambucus canadensis*



<https://dendro.ohioplants.org/common-elderberry/>

## **RECOMMENDED FOR WILDLIFE!!!**

**Shrub; White flowers, Black fruit. A bird favorite.  
Prefers moist soils, but is drought tolerant.**

<b>Plant Type:</b>	Shrub
<b>Flower Color:</b>	White
<b>Fruit Color:</b>	Black
<b>Mature Height:</b>	10—15 ft.
<b>Mature Spread:</b>	10 ft.
<b>Growth Rate:</b>	Rapid
<b>Soil Type:</b>	Moist
<b>Sunlight Requirements:</b>	Full
<b>Spacing:</b>	8—10 ft.

# **NINEBARK** *Physocarpus opulifolius*

Deciduous shrub, insect & disease resistance, adaptable to wide range of site conditions, suitable for erosion control. Bark is used by some birds for their nests. Fall interest with maroon colored leaves. Attracts pollinators and provides food for wildlife.

Mature height: 3-10 feet

Mature Spread: 4-6 feet

Growth Rate: Rapid

Light needs: Partial or Full

Soils: Moist to well drained.





# SUMMERSWEET *Clethra alnifolia*

Summersweet (*Clethra alnifolia*) is a flowering shrub native to North America. Summersweet is popular in woodland gardens because it attracts birds and butterflies.

Full bloom in July with white or very pale pink blossoms. Leaves turn yellow-golden during the autumn. Grows well in wetlands, bogs and woodland streams.

*Clethra* grows best in acid, moist, well-drained soils.

Mature Height-4 ft 11 in – 9 ft 10 in

Mature Spread-5

Moderate growth rate

Light: Prefers part shade but will do well in full sun

Soils: Moist, acidic, sandy soils



<https://plantfacts.osu.edu/descriptions/0246-291.html>

# Pawpaw *Asimina triloba*

**Pawpaw** is found throughout all of Ohio and most of the Eastern United States except for New England and much of Florida. It is a native understory or woodland edge tree, often found in moist places such as the bottoms of ravines, steep hillsides, and creek banks.

In youth, it requires shady sites to become established, as intense sunlight will harm the leaves of young trees. After several years, saplings can grow in partial sun to full sun, where the heaviest fruit crops will be realized and only if a genetically different strain of Pawpaw is planted nearby, for cross-pollination of the perfect flowers. Trees grown from separate seed sources or transplanted from different sites will eventually yield fruits, but those within a single colony will not, as they are all clones that cannot cross-pollinate and yield fruits.

Zone: 5-8

Growth Rate: Medium

Mature Spread: 15'

Mature Height: 25'

Shape: Densely pyramidal

Sunlight: Full to partial

Soil Type: Moist, well-drained, deep, rich



<https://ohiodnr.gov/discover-and-learn/plants-trees/broad-leaf-trees/pawpaw-asimina-triloba>



# **PERSIMMON** *Diospyros virginiana*

Very adaptable with exception of wet areas. Edible fruit for humans and wildlife, fine-grained wood is valued. May form colonies/groves. Attracts pollinators and provides food for wildlife.

Mature Height: 50 feet

Mature Spread: 30 feet

Light: Full

Soil: Well drained



# Eastern Redbud (*Cercis Canadensis*)

This species abundant in the southern two-thirds of Ohio, with scattered distribution in the northern one-third of the state . It heralds the arrival of spring with its showy, lavender-pink flowers that typically open in April, long before the foliage emerges.

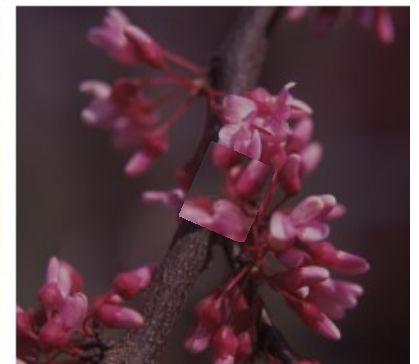
Redbud is a native of the entire eastern half of the United States except for New England, but is not found in Canada, as its scientific name implies.

**3—5 inch broad ovate leaves; reddish-purple flowers, 2—3 inch long seed pods.**

<b>Plant Type:</b>	Small Tree
<b>Flower Color:</b>	Purple
<b>Fruit Color:</b>	Black
<b>Mature Height:</b>	15—20 ft.
<b>Mature Spread:</b>	15—20 ft.
<b>Growth Rate:</b>	Slow/Moderate
<b>Soil Type:</b>	Dry/Well Drained



<https://ohiodnr.gov/discover-and-learn/plants-trees/broad-leaf-trees/redbud-cercis-canadensis>





# AMERICAN PLUM *Prunus americana*

Member of Rose family w/ white, aromatic blossoms leading to sweet fruit edible for humans & wildlife, preferring field/forest edges. Attracts pollinators and provides food for wildlife.

Mature Height: 20 feet

Mature Spread: 25 feet

Growth Rate: Rapid

Light: Full

Soils: Moist, Well drained



# Black Walnut (*Juglans nigra*)

Rapidly growing tree common in all of Ohio, most common in moist bottomlands and open fields. Wood is highly valued. The large nut, loved by wildlife and especially distributed by squirrels, can be cracked open to expose the bittersweet, oily, and highly nutritious kernel. Flowering occurs in mid- to late spring as the foliage is just beginning to emerge. The fruit of black walnut is composed of an inner kernel, surrounded by a hard corrugated round shell composed of two fused halves. This in turn is surrounded by a thick outer husk that is green when immature, and yellow-black when ripe. Produces juglone by its roots, a chemical that is toxic to some nearby competitor plants.



Mature Height -70 ft

Mature Spread-70 ft when found in the open.

Soils- prefers deep, moist, rich, well-drained soils (also tolerates relatively dry, poor soils but with reduced growth)

Light Needs-Full to Partial Sun

Zones 4 to 9.



<https://ohiodnr.gov/discover-and-learn/plants-trees/broad-leaf-trees/black-walnut-juglans-nigra>



# COMMON LILAC

*Syringa vulgaris*



<https://weather.cfaes.osu.edu/gdd/EventView.asp?ID=100>

**Beautiful shrub!!!**

**Popular for fragrant bloom in early spring.**

**Plant Type:**

Shrub

**Flower Color:**

Green to Purple

**Mature Height:**

6—15 ft.

**Mature Spread:**

5—12 ft.

**Growth Rate:**

Moderate

**Soil Type:**

Well Drained

**Sunlight Requirements:**

Full

**Spacing:**

6—10 ft.

# OHIO BUCKEYE *Aesculus glabra*

**State Tree!!! (GO BUCKS!!!)**

**First to leaf out in spring and drop in fall.**

**Prickly fruiting body attractive to wildlife.**

<b>Plant Type:</b>	Tree
<b>Flower Color:</b>	Yellow-green
<b>Fruit:</b>	Nut-like
<b>Mature Height:</b>	20—40 ft.
<b>Mature Spread:</b>	20—40 ft.
<b>Growth Rate:</b>	Moderate
<b>Soil Type:</b>	Well Drained/Moist
<b>Sunlight Requirements:</b>	Full/Partial
<b>Spacing:</b>	20 ft.





# PAPER BIRCH *Betula papyrifera*

The paper birch grows to a height of 50–70' and a spread of around 35' at maturity.

This tree is considered both a shade tree and an ornamental tree. It features a spreading canopy capable of blocking sunlight and adds visual interest and beauty to landscaping.

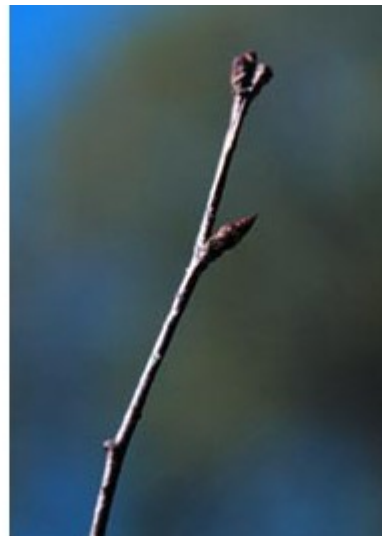
**Growth Rate** This tree grows at a medium to fast rate, with height increases of anywhere from 13" to more than 24" per year.

**Sun Preference** Full sun and partial shade are best for this tree, meaning it prefers a minimum of four hours of direct, unfiltered sunlight each day.

**Soil Preference** The paper birch grows well in acidic, loamy, moist, sandy, well-drained and clay soils. While it prefers normal moisture, the tree has some drought tolerance.

**ATTRIBUTES:** Hardiness zones 2-7

This tree develops a smooth white bark that curls and peels (once mature). Provides bright yellow fall color. Features simple leaves that are 2–4" long, borne on leaf stems about 1" in length and medium green in color. Margins are double-toothed and leaves are arranged alternately. Produces brown or green catkins in April and May. Grows in an oval shape. Yields very small seeds that are smooth and oval or elliptical in shape, nestled between two wings.



# **SERVICEBERRY** *Amelanchier canadensis*



**Used for thickets.**  
**Early summer fruits.**  
**Thick canopy enjoyed by wildlife.**

<b>Plant Type:</b>	Shrub
<b>Flower Color:</b>	White
<b>Fruit Color:</b>	Purple (Edible)
<b>Mature Height:</b>	6—20 ft.
<b>Mature Spread:</b>	10—12 ft.
<b>Growth Rate:</b>	Moderate
<b>Soil Type:</b>	Dry/Well Drained
<b>Sunlight Requirements:</b>	Full/Partial
<b>Spacing:</b>	5—10 ft.





# SHAGBARK HICKORY *Carya ovata*

**RECOMMENDED FOR WILDLIFE!!!!**

**Edible Nut.**

**Bark separates into long, curved strips**

**Plant Type:**

Tree

**Fall Color:**

Yellow to Golden

**Fruit:**

Hickory Nut

**Mature Height:**

70—100 ft.

**Mature Spread:**

60—70 ft.

**Growth Rate:**

Slow

**Soil Type:**

Dry/Well Drained

**Sunlight Requirements:**

Full/Partial

**Spacing:**

30 ft.



# SUGAR MAPLE *Acer saccharum*

Zone: 4-8	Mature Spread: 40'	Shape: Upright oval	Soil Type: Rich, moderately deep, even
Growth Rate: Slow	Mature Height: 80'	Sunlight: Full to part sun	moisture, good drainage

A favorite shade tree with reliable fall color, found in the forests and meadows throughout all of Ohio, but flourishing in the cooler climates and more acidic soils of northeastern Ohio and Appalachia. It is valued for its hard, dense, fine-grained and difficult-to-split wood, which is utilized for floors, furniture, veneer, musical instruments, and railroad ties.

Sugar Maple thrives when it is planted or transplanted into rich, moderately deep soils having even moisture coupled with good drainage. While it prefers acidic soils, it adapts readily to those of neutral or alkaline pH. Clay soils cause it to struggle more in terms of root penetration to tap in-to deep soil moisture in times of drought.





# SHUMARD OAK *Quercus shumardii*

Found in western part of Ohio along ravines, upper floodplains/streams. Tolerates dry soils, shade tolerant in youth, thrives in full sun. Under optimum conditions involving adequate moisture and deep soils, its growth rate is rapid. Drought tolerant. Provides food for wildlife.

It may reach 60 feet tall by 40 feet wide at maturity when found in the open in Ohio, but it is much larger in more southern climates. As a member of the Red Oak group and the Beech Family, it is related to the Beeches, Chestnuts, and other Oaks.

Mature Height: 60 feet

Mature Spread: 40 feet

Light: Full

Soil: Well drained



[ohiodnr.gov/discover-and-learn/plants-trees/broad-leaf-trees/shumard-oak-quercus-shumardii](http://ohiodnr.gov/discover-and-learn/plants-trees/broad-leaf-trees/shumard-oak-quercus-shumardii)



# TULIP POPLAR *Liriodendron tulipifera*



Pyramidal to rounded at maturity.  
Popular choice for residential and urban areas.

<b>Plant Type:</b>	Tree
<b>Fall Color:</b>	Yellow
<b>Flower Color:</b>	Yellow
<b>Fruit:</b>	Fleshy capsule
<b>Mature Height:</b>	70—100 ft.
<b>Mature Spread:</b>	35—50 ft.
<b>Growth Rate:</b>	Rapid
<b>Soil Type:</b>	Dry/Well Drained/Moist
<b>Sunlight Requirements:</b>	Full/Partial
<b>Spacing:</b>	15—30 ft.



<https://ohiodnr.gov/discover-and-learn/plants-trees/broad-leaf-trees/tuliptree-liriodendron-tulipifera>



# WHITE OAK     *Quercus alba*



It is the most important timber tree of the White Oak group and in fact one of the most important hardwoods, with its hard, heavy, tough wood used as lumber for beams, railroad ties, flooring, barrels, furniture, and many other uses. Many different species of animals and insects utilize the White Oak for shelter and food.

Habitats ranges from dry forests/fields to woodlands/slopes. Supports wildlife species in abundance.

Mature Height- 70-80 ft

Mature Spread- 70

Full sun

Well drained soils

Slow to medium growth

<https://ohiodnr.gov/discover-and-learn/plants-trees/broad-leaf-trees/white-oak-Quercus-alba>

# BALD CYPRESS

*Taxodium distichum*

Zone: 4-7

Mature Spread: 25'

Shape: Pyramidal to

Sunlight: Full sun / Part shade

Growth Rate: Rapid

Mature Height: 60'

flat-topped

Soil Type: Prefers moist to wet

A deciduous conifer (like the Larches), is native to wet areas of the lower and middle Mississippi Valley drainage basin, with its northernmost native range is the extreme southern tips of Indiana and Illinois, but this tree is extensively planted in dry areas throughout the Eastern United States as an ornamental tree, including Ohio. Its pyramidal to spire-like growth is formal in youth, becoming more columnar and open with great age. This is the tree from which cypress mulch is made, and the source trees, especially in Florida are being rapidly depleted.

As a deciduous conifer, the leaves of Bald Cypress drop off in autumn, and its cones are round balls that release their seeds in autumn and winter. Trees in Ohio may reach 80 feet tall by 30 feet wide when found in the open. As a member of the Bald Cypress Family, it is also related to Dawn Redwood and Giant Redwood. The outline of young Bald Cypress ranges from strongly pyramidal to upright oval, and in winter one can see the multitude of horizontal branches that make up the canopy. Older trees retain the broad columnar outline.





# **ARBORVITAE** *Thuja occidentalis*

Evergreen with Scale-like leaves, consumed by deer & other mammals & birds in winter & providing shelter. Often surrounds ponds, perimeters.

Maximum Height: 30 feet

Maximum Spread: 10 feet

Light Full

Soil: Well drained



<https://ohiodnr.gov/discover-and-learn/plants-trees/scale-like-leaves/arborvitae-thuja-occidentalis>

# NORWAY SPRUCE *Picea abies*

**RECOMMENDED FOR WINDBREAKS!!**

**Drooping branches at maturity.**

**Used for Christmas trees, shade and windbreaks.**

<b>Plant Type:</b>	Conifer
<b>Color:</b>	Dark Green
<b>Fruit:</b>	Cone
<b>Needles:</b>	1/2 to 1 in. long angular
<b>Mature Height:</b>	60—90 ft.
<b>Mature Spread:</b>	25—30 ft.
<b>Growth Rate:</b>	Moderate/Rapid
<b>Soil Type:</b>	Moist
<b>Sunlight Requirements:</b>	Full/Partial
<b>Spacing:</b>	10—15 ft.





# White Pine *Pinus strobus*

## **RECOMMENDED FOR WINDBREAKS!!**

**Light to bluish green soft needles measuring 3 to 5 in.**  
**Needles in groups of 5.**

<b>Plant Type:</b>	Conifer
<b>Color:</b>	Light Green
<b>Fruit:</b>	Cone
<b>Needles:</b>	3 to 5 in. soft, in 5's
<b>Mature Height:</b>	80—100 ft.
<b>Mature Spread:</b>	20—40 ft.
<b>Growth Rate:</b>	Rapid
<b>Soil Type:</b>	Dry/Well Drained
<b>Sunlight Requirements:</b>	Full/Partial
<b>Spacing:</b>	10—15 ft.



# BEE BALM –PETITE DELIGHT *Monarda L.*



Plant Type:	Herbaceous Perennial
Flower Color:	Lavender Rose
Mature Height:	1—1 1/2 feet
Mature Spread:	1-2 feet
Bloom Time:	July to August
Soil Type:	Medium to wet retentive soils
Sunlight Requirements:	Full Sun

Other notes: Great for Rain Gardens and attracts humming-birds and butterflies



# Butterfly Weed *Asclepias tuberosa*

A species of milkweed native to eastern North America. It is commonly known as **butterfly weed** because of the butterflies that are attracted to the plant by its color and its copious production of nectar.

It is also the larval food plant of the queen and monarch butterflies. Hummingbirds, bees and other insects are also attracted.<sup>[2]</sup>

It is a perennial plant growing to 1 –3 ft tall, with clustered orange or yellow flowers from early summer to early autumn. The leaves are spirally arranged, lanceolate, 5–12 cm long, and 2–3 cm broad.

This plant favors dry, sand or gravel soil, but has also been reported on stream margins. It requires full sun.



Plant Type: perennial

Height: 1-3 ft.

Spread: 1-2 ft.

Bloom: orange

Soil Type: dry, sandy soils, but have been seen on stream margins

Sunlight: full sun



# CONEFLOWERS *Echinacea*

A native North American perennial sporting daisy-like flowers with raised centers. The flower, plant, and root of some types are used in herbal remedies. Coneflowers are native to grass prairies so they need well-drained soils



<b>Plant Type:</b>	perennial
<b>Shape:</b>	shuttlecock bloom
<b>Height:</b>	1-3 ft.
<b>Width:</b>	1-2 ft.
<b>Flower color:</b>	green, orange, pink, purple, red, yellow
<b>Soil Type:</b>	well-drained
<b>Sunlights:</b>	full sun

Easy care/low maintenance  
Multiplies readily  
Good for cut flowers  
Attracts butterflies  
Deer resistant  
Tolerates dry soil





## **GAY FEATHER** Kobold *liatra spicata*

Deep purple flower grows well in moist gardens, prairies & sedge meadows w/ tall spikes resembling feather. Blooms July-August/September. Attracts pollinators.

Maximum Height: 1-2 feet  
Maximum Spread: 1-2 feet  
Light: Full  
Soil: Well Drained



## **LAVENDER** Sweet Romance *Lavandula angustifolia*

May become shrublike, strongly aromatic perennial, long lasting early summer blooms blue-purple, foliage grey green. Attracts pollinators.

Mature Height: 1-1.5 feet

Mature Spread: 1-1.5 feet

Light: Full

Soil: Well drained





# Purple Love Grass *Eragrostis spectabilis*

Purple Love Grass aka Tumblegrass, Petticoat Climber grows low to the ground in dense tufts, 8-18 in. tall. In late summer the fine-textured, stiff inflorescence appears like reddish-purple clouds hovering at ground level. Eventually this inflorescence breaks off and floats around like a tumbleweed. This is a perennial.

Height: 8-18 in.

Bloom Color: Red , Purple

Bloom Time: Aug , Sep , Oct

Soils: Moist sandy soils or well drained open fields.

Light: full sun



## **TICKSEED** Red Satin *Coreopsis*

Herbaceous perennial, wine-red bloom from June-August. If thinned out may bloom again in Fall. Clumps may be divided in Spring. Attracts pollinators.

Mature Height: 1-1.5 feet  
Mature Spread: 1.5-2 feet  
Soil: Well drained  
Light: Full





## **TURTLEHEAD** Hot Lips *Chelone lyonii*

Herbaceous perennial with Spikes of pink snapdragon-like flowers, prefers very moist soils, thriving in poorly drained soils. Spreads Slowly by rhizomes; divide every 2-3 years. Attracts pollinators.

Mature Height: 2 feet  
Mature Spread: 2 feet  
Light: Shade  
Soil: Moist



Image: Doreen Wynja