**SHRUBS**

**SILKY DOGWOOD**

Prefers moist soils, white flowers, blue fruit, great for erosion control, loved by birds and small mammals, and grows to a height of 8 to 12’. Native to Michigan

**RED OSIER DOGWOOD**

Prefers moist soils, excellent choice for streambanks, erosion control, white flowers, white fruit, red branches in the winter, and grows to a height of 6 to 10’. Native to Michigan

**COMMON LILAC**

Prefers full sun, loamy soils, large fragrant blossoms in May, Moderate growing, great for hedges or screens, and grows to a height over 15’. Native to Michigan.

**ROSE RUGOSA**

Grows in medium-fertility, acid, loamy and sandy soils, excellent drought tolerance, 3-5’ tall, white, pink, or purple flowers blossom most of the summer.

**ROSE OF SHARON**

Full or partial shade, moist well-drained soil, great for hedges, or screens, and grows to a height of 6-10’. Native to Michigan

**FOUNTAN GRASS**

Best in full sun, loamy soil, grows to a height of approximately 5-6’ with showy purple plumes.

**NINEBARK**

Full sun to partial shade, blooms May-June, great for borders, hedges, and screens, grows to a height of 4-8’. Native to Michigan.

**BUTTERFLY BUSH**

Does best in full sun, long purple blossoms that vary from 6 to 30” in length, great for perennial borders, a great shrub to attract butterflies and for cut flowers and has moderate water requirements.

**TRUMPET VINE**

Prefers full sun, loamy rich soils, climbing vine, cone shaped orange flowers, and loved by hummingbirds.

**ELDERBERRY, BLACK**

Prefers rich moist soils, grows 4-12’, used for erosion control on moist sites, prefers full sun, shade tolerant, but slow-growing in shade, flowers June-July, fruit is purplish black with red juice. Loved by songbirds, upland game birds, and small mammals. Great for making pies, jellies, and wine.

**HIGHBUSHBUSH CRANBERRY**

Grows best in medium-fertile, acid, clayey, loamy, and sandy soils, poor drought tolerance, fair shade tolerant, tolerates poorly drained soils, grows to a height of 6-7’, fruit remains late into the winter. Plant about 4’ apart.

**GRAY DOGWOOD**

Tolerant to most fertile soil conditions from wet to dry, moderately shade tolerant, white flowers May-June, and white fruit July-September

**FORSYTHIA**

Full sun or partial shade, tolerant of most soil types, vigorous grower, one of the first shrubs to bloom in the spring, does best in rich soils, showy yellow flowers that bloom before the leaves appear in early spring.

**BLUE HYDRANDEA**

A perennial plant that can grow up to 15’ high and 10’ wide. Flowers in the spring, low maintenance and easy to grow. They require fertile, well drained moist soil. They can thrive in partial or full sun.

**FRAGRANT SUMAC**

Grows to a height of 6. Will tolerate a wide variety of soils, drought tolerant, does well in full sun or partial shade. Flowers in early spring with yellow blooms. Attracts many varieties of birds and butterflies.

**WINTERBERRY HOLLY**

Grows to a height and spread of 3-12’. Grows in wet areas, swamps, ponds, or wet woods. Prefers rich, acidic soils. Can tolerate partial shade, will produce more fruit if planted in full sun. The fruit is used by many varieties of birds and ducks.

**HAWTHORN**

Grows to a height of 20-30’ with a 25’ spread at maturity. Prefers full sun, will not tolerate full shade. Grows best in well drained soils. Produces red berries in Sept. to Oct. The fruit is eaten by many songbirds and wild game birds.

**PUSSY WILLOW**

Fast growing requires full sun, moist well-drained soil, and fast growing.

**WISTERIA**

An ornamental vine that tolerates a variety of soils, prefers most fertile well drained soil and full sun. Very hardy and fast growing.

**PEE GEE HYDRANGEA**

A large shrub that grows best in rich, moist well-drained soils in full sun to part shade. It’s a vigorous grower, it can reach 25 feet but can be pruned shorter to maintain a better shape. Produces large panicles of white flowers that tur purplish pink throughout the summer.

**DECIDUOUS**

**RED MAPLE**

Prefers moderately well drained moist soils. Moderate to fast growing, shade tolerant, growing to a height of 75 -90’ with a trunk 2-3’ in diameter, primary food source for gray squirrels in late winter, it is fair to poor for firewood, pulpwood, and rough lumber.

**SUGAR MAPLE**

Prefers moist, fertile, well drained, clay to loam soils, long lived reaches a height of 75-100’, 3-4’ in diameter, shade tolerant, great for maple syrup, lumber, veneers, flooring, cabinets, and interior trim.

**WHITE OAK**

Prefers well-drained clay to loamy sand, full-sun, slow growing, long lived, reaching heights of 100’, up to 3’ in diameter, it’s sweet acorns are preferred by wildlife, valuable for timber production, wood is heavy and strong, used for furniture, veneer, and barrels.

**RED OAK**

Prefers clay to loamy sand, well drained soils, long lived, reaching a height of 80’, 3’ in diameter, fastest growing of native hardwoods, and does best in full sun.

**TULIPTREE**

Prefers full-sun, fast growing, needs room to develop properly, bright green leaves, large, tulip-shaped greenish yellow flowers in late spring, and does poorly in drought and alkaline soils.

**MOUNTAIN ASH**

Prefers full sun, rich moist, but well-drained soils, fragrant flowers, clusters of bright berries in the fall, and they make excellent accent or shade tree.

**SYCAMORE**

Does best in full sun to light shade, well-drained soil, usually found growing along lowland streams and rivers. Reaches a height of 100’.

**WHITE BIRCH**

Grows well in moist well-drained areas, prefers to be planted in clumps, and grows to height of 40-60’.

**BLACK WALNUT**

Grows in a wide variety of soils and prefers full sun. The roots contain juglone. A toxic substance that is harmful to juglone sensitive species. The walnuts are eaten by woodpeckers, foxes, and squirrels.

**AMERICAN CHESTNUT**

Grows to height of 100’, likes moderately acid, sandy-loam soil and prefers a sunny, well-drained location.

**REDBUD**

Grows to a height of 25-35’. Does best in full sun to light shade, and moist well-drained soil. The seeds provide food to song and game birds, deer, and squirrels. The flowers are important in the production of honey to bees.

**DAWN REDWOOD**

Grows to a height of 25-35’. Likes full sun to light shade, and moist well drained soil. The seeds provide winter food for a variety of song and game birds, deer, and squirrels.

**LARCH/TAMARACK**

These trees are conifers; they are deciduous, losing their needles in the fall, growing to height of 60’, tolerates a wide range of soils, and grows best in wet to moist soils.

**HYBRID POPLAR**

Very fast growing, up to 6-8’ a year, reaching a height of 80’, prefers medium-fertility, acid soils, moderately drought resistant, not shade tolerant, does well on somewhat poorly drained lowlands and tolerates occasional flooding.

**CONIFERS**

**RED PINE**

Prefers full sun, well drained sandy soil, can tolerate dry, windy, rocky conditions, cannot tolerate shade, poorly drained soil or heavy clay loam soils, moderate to fast, growing to a height of 80’.

**WHITE PINE**

Prefers well drained, acid, silts, loams, sands, and light clays, moderate shade and drought tolerant, does not tolerant flooding, reaching a height of 100’, used as windbreaks, landscaping, revegetation of disturbed areas, and long lived.

**BLUE SPRUCE**

Prefers full sun, shade tolerant, slow growing, grows well on almost any upland soil, drought resistant, long lived, and grows to height of 100’.

**WHITE SPRUCE**

Prefers well-drained clay to clay loam soils, tolerates heat, drought, shade, high water, slow grower, and growing to height of 100’.

**NORWAY SPRUCE**

Prefers moist clay to loam soils, shade tolerant, moderate to fast growing, does not thrive on dry, excessively drained, sandy-gravelly soils, intolerant of lime, sensitive to late frosts, and grows to a height of 100’.

**NORTHERN WHITE CEDAR**

Typically grows in cold, poorly drained swamps with moving water, will not tolerant acidic soils as well, very shade tolerant, very slow growing, important winter food for deer, and growing to a height of 60’ and 25’ wide.

**BALSAM FIR**

Grows up to 45-75’. Likes well drained, acidic soils. Prefers full sun and partial shade. Provides food for squirrels, birds, and shelter for a variety of animals.

**FRASER FIR**

Grows up to 40-60’. Prefers moist well drained soils and likes full sun. Produces buds later than Balsam and more tolerant of early spring frosts. Red squirrels like the seeds and buds.

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