**Herbaceous Species**

**Aquilegia Canadensis** - *Wild columbine*
- Red & yellow flowers bloom April to July, plants grow up to 24"
- Habitat: tall forests and meadows
- Benefits: flower nectar attracts hummingbirds

**Aruncus dioicus** - *Goat's beard*
- White plume flowers bloom May to July, plants reach 4' to 5'
- Habitat: forests and along stream sides

**Asclepias incarnata** - *Swamp milkweed*
- Pink or rose flowers bloom from June to Aug., plants range from 3' to 5'
- Habitat: wet meadows and wetlands
- Benefits: flowers attract butterflies

**Asclepias tuberosa** - *Butterfly weed*
- Orange or yellow flowers bloom from June to Sept., plants grow up to 24"
- Habitat: dry, open areas such as meadows or clearings
- Benefits: flower nectar attract butterflies

**Aster novae-angliae** - *New England aster*
- Pink or purple flowers bloom from Aug. to Oct., height ranges from 2' to 4'
- Habitat: moist soils and along shorelines
- Benefits: flowers used by butterflies and birds, such as finches

**Aster laevis** - *Smooth aster*
- Blue or purple flowers bloom from Aug. to Oct., plants grow up to 4' dry, open areas
- Benefits: flowers used by butterflies and birds such as finches

**Aster novi-belgii** - *New York aster*
- Blue or violet flowers bloom from July through Oct., height ranges from 2' to 5'
- Habitat: marshes and meadows
- Benefits: flowers used by butterflies and birds such as finches

**Boltonia asteroides** - *Snowbank*
- White or yellow flowers bloom from July to Oct., plants range 4' to 5' in height
- Habitat: moist, sandy soils

**Cassia fasciculata** - *Partridge pea*
- Yellow flowers bloom from July to Sept., height ranges from 3' to 4'
- Habitat: sandy, dry soils

**Chelone glabra** - *White turtlehead*
- White flowers bloom from July to Oct., height ranges from 3' to 4'
- Habitat: along streamsides and in woods

**Coreopsis vertecilla** - *Whirled tickseed*
- Yellow flowers bloom from June to July, plants reach up to 15" tall
- Habitat: meadows and along roadsides
- Benefits: flowers attract hummingbirds

**Eupatorium dubium** - *Joe-Pye weed*
- Purplish flowers bloom from July to Sept., height ranges from 2' to 7'
- Habitat: acid soils, swamps and bogs

**Eupatorium maculatum** - *Spotted Joe-Pye weed*
- Mauve flowers bloom from July to Sept., grow to 5' tall
Habitat: moist soils, also wet meadows
Benefits: flowers attract butterflies

**Eupatorium perfoliatum - Boneset**
white flowers bloom July to Sept., height ranges from 3' to 4'
Habitat: wetlands, woods, and meadows

**Geranium maculatum - Wild geranium**
lavender or pink flowers bloom from April to July, height reaches up to 18"
Habitat: woods and clearings

**Helenium autumnale - Yellow sneezeweed**
yellow flowers bloom from Aug. to Nov., height ranges from 3' to 4'
Habitat: wetlands and along shores
Benefits: flowers attract butterflies

**Helianthus angustifolius - Sunflower**
yellow flowers bloom from Aug. to Oct., height ranges 2' to 5'
Habitat: wet, acid soils
Benefits: flowers attract hummingbirds

**Hibiscus moscheutos - Rose mallow**
white or creamy flowers, height ranges from 3' to 6'
Habitat: wetlands, marshes

**Iris versicolor - Blue flag iris**
reddish, purple or blue flowers bloom from May - July, height ranges from 6" to 12"
Habitat: wetlands

**Lobelia cardinalis - Cardinal flower**
red flowers bloom from July - Sept., height reaches up to 36"
Habitat: wetlands and open areas such as meadows, clearings and ditches
Benefits: flowers attract butterflies and hummingbirds

**Lobelia siphilitica - Great blue lobelia**
blue or violet flowers bloom from Aug. to Sept., height ranges from 2' to 3'
Habitat: moist soils and shaded areas
Benefits: flowers butterflies and hummingbirds

**Monarda fistulosa - Wild bergamot**
lavender or pink flowers bloom from July - Aug., height from 2' to 5'
Habitat: dry meadows and thickets
Benefits: flowers butterflies and hummingbirds

Oenothera biennis - Evening primrose
yellow flowers bloom from June to Oct., height can reach up to 6'
Habitat: dry soils, various open areas

**Peltandra virginica - Arrow arum**
white spadix found from April - July, height ranges from 2' to 3'
Habitat: poorly drained soils, wetlands and along streams

**Pontederia cordata - Pickerelweed**
violet or blue flowers seen from June - Nov., height ranges from 2" to 5"
Habitat: wetlands

**Rudbeckia hirta - Black-eyed susan**
yellow or orange flowers bloom from June - Oct., grow from 1' to 3' tall
Habitat: open areas and woods
Benefits: flowers attract hummingbirds

**Sagittaria latifolia - Duck potatoe**  
white flowers bloom from July - Sept., height ranges from 4" to 2'  
Habitat: wetlands

**Saururus cernuus - Water dragon**  
white flowers bloom from June - Aug., grow from 1' to 2' tall  
Habitat: wetlands

**Sisyrinchium atlanticum - Atlantic blue-eyed grass**  
blue flowers seen from May - July, height reaches up to 1'  
Habitat: marshes, meadows, and woods

**Solidago rugosa - Wrinkle-leaf goldenrod**  
yellow and black flowers bloom from Aug. - Oct, height ranges from 1" to 3' .  
Habitat: meadows and along wood edges  
Benefits: flowers attract butterflies and birds such as finches

**Solidago sempervirens - Seaside goldenrod**  
lush vegetation and bright yellow flowers from Sept. to Oct.  
Habitat: sandy, well-drained soil, commonly found on dunes  
Benefits: plants used by birds such as the goldfinch, junco, and pine siskin

**Vernonia noveboracensis - New York ironweed**  
purple flowers bloom from Aug. - Oct., can reach height of 5' to 8'  
Habitat: wetlands

**Grass Species**

**Ammophilia breviligulata - American beachgrass**  
grows up to 3' in height, extensive root system; flowers from July to Sept.  
Habitat: sandy, well-drained soil, dunes (commonly used in beach replenishment projects)  
Benefits: plant mainly used as cover by birds and rabbits

**Dulichium arundinaceum - Three-Way sedge**  
flowers from July to Oct., height ranges from 1' to 3'  
Habitat: poorly drained soils, wetlands

**Elymus virginicus - Virginia wild rye**  
flowers from June to Aug., height ranges from 20" to 60"  
Habitat: poorly drained soils, wetlands

**Juncus effusus - Soft rush**  
flowers from June to Sept., height ranges from 16" to 40"  
Habitat: poorly drained soils, wetlands

**Leersia oryzoides - Rice cutgrass**  
flowers from July to Oct., height ranges from 28" to 40"  
Habitat: poorly drained soils, wetlands

**Panicum amarum - Coastal panicgrass**  
grows 3' to 4' tall  
Habitat: dunes and beaches  
Benefits: produces lots of seed for birds, provides excellent cover for wildlife

**Schizachyrium scoparium - Little bluestem**  
flowers from Aug. to Oct., height can reach 4'
Habitat: dry fields and open woods
Benefits: songbirds use seeds

**Scirpus cyperinus - Woolgrass**
blooms from Aug. to Sept., height ranges from 40" to 60"
Habitat: poorly drained soils, wetlands

**Sorghastrum nutans - Indian grass**
blooms from Aug. to Sept., height can reach 5' to 7'
Habitat: dry soils, open areas

**Sparganium americanum - American bur-reed**
blooms July through Aug., height can be greater than 40"
Habitat: poorly drained soils, wetlands

**Shrub Species**

**Alnus serrulata - Smooth alder**
yellow catkins appear from March through April, root nodules produce nitrogen for surrounding soil, grows from 3' - 4' tall
Habitat: poorly drained soils, wetlands and along stream banks
Benefits: leaves and twigs eaten by deer, rabbits, beavers and more, seeds used by some birds

**Amelanchier canadensis - Shadbush**
white or pink flowers appear from May - Aug., height from 2' to 4'
Habitat: wetlands as well as dry upland
Benefits: berries used by birds and browsers

**Baccharis halimifolia - Sea myrtle or High tide bush**
flowers with white pappus appear from Aug. - Sept., height ranges 3' to 11', high salt tolerance
Habitat: wetlands and along shores
Benefits: can provide a wall of defense for less salt tolerant species
*leaves are poisonous to livestock

**Callicarpa americana - Beauty berry**
pink flowers bloom from June - Aug. and produce purple berries, height can reach 4'
Habitat: poorly drained soil, wetlands
Benefits: berries used by many birds

**Cephalanthus occidentalis - Button bush**
white flowers bloom from July to Aug., height ranges 3' to 4'
Habitat: wetland forests
Benefits: flowers attract butterflies

**Clethra alnifolia - Sweet pepperbush**
white or pink flowers appear from July to Aug., height ranges 3' to 4'
Habitat: poorly drained soil, wetlands
Benefits: fruit attracts birds and mammals

**Chionanthus virginicus - White fringe-tree**
copious fragrant white flowers appear May - June, height ranges 12' to 20'
Habitat: throughout the Eastern Shore

**Cornus florida - Flowering dogwood**
greenish-white flowers appear from April to May, grows to 20'
Habitat: wet acid soils, upland woods and along streamsides
Benefits: fruits provide excellent food for birds and mammals
Ilex glabra - Inkberry
black fruit found from May to June, height ranges 6' to 8'
Habitat: sandy soils, woodlands
Benefits: berries provide food for many birds

Ilex verticillata - Winterberry
red fruit appears May to June, height ranges from 6' to 10'
Habitat: woods
Benefits: berries provide food for many birds

Itea virginica - Virginia willow or Tassel-white
fragrant white flowers appear May to June, height reaches 4'
Habitat: wetlands of lower elevations

Kalmia latifolia - Mountain laurel
pink or white flowers found from May to July; height ranges from 7' to 15'; has evergreen foliage
Habitat: upland forests
Benefits: provides winter cover for birds and mammals, leaves eaten by deer and grouse
*can be poisonous to livestock

Magnolia virginiana - Sweet bay
white and brown flowers bloom May to July, height less than 30'
Habitat: wet woods and along stream-sides

Myrica pensylvanica - Bayberry
inconspicuous flowers appear March to April and produce waxy pale gray berries, height ranges 3' to 8'
Habitat: dry, sandy soil to wet soil, along the coast
Benefits: birds use for nesting and berries

Prunus maritima - Beach plum
perennial shrub; white, clustered flowers bloom from April - May; green fruits mature to red
Habitat: sandy soils, commonly along the coast
Benefits: flowers and nectar attract bee, birds and raccoons feed on the berries

Prunus virginiana - Common chokecherry
dense white clusters of flowers bloom from April to July; red fruits mature to dark red or purplish black; can grow up to 20'
Habitat: woods, old fields, along fences and roadsides, and river banks, grows in many soil types
Benefits: fruits provides food for numerous game and song birds and small mammals

Rosa palustris - Swamp rose
pink flowers bloom from June - July, height reaches up to 8'
Habitat: poorly drained soils, wetlands
Benefits: valuable winter food for songbirds and pheasants

Rosa Rugosa - Rugosa rose
beautiful pink flowers and red rosehips, grows low to the ground
Habitat: along dunes, in sandy, well-drained soils
Benefits: flowers and nectar used by numerous animal species

Rhododendron viscosum - Swamp azalea
pinkish white flowers bloom May to Aug., height reaches 6' to 9'
Habitat: swamps, ditches, and clearings

Vaccinium corymbosum - Highbush blueberry
pinkish white bell-shaped flowers bloom from April- May, berries available from June - Aug., grows 6'-12' tall
Habitat: acid soils, swamps and in wet woods and meadows
Benefits: berries are important for many game birds, as well as song birds such as tanagers, blue-birds, and thrushes

**Viburnum dentatum - Southern arrow-wood**
creamy white flowers bloom from May to June, height ranges from 6' to 8'
Habitat: sandy soil, wetlands
Benefits: fruit provides important food source for winter migrating birds

**Viburnum Lentago - Nannyberry**
white flowers bloom from May to June, height ranges from 15' to 18'
Habitat: along stream-sides and in woods
Benefits: fruit eaten by many birds such as flickers, robins, blue-birds, wax-wings, and more.

**Tree Species**

**Acer rubrum - Red maple**
yellowish green flowers bloom March to May, height ranges from 40' to 60'
Habitat: wide range, commonly along streamsides and wetlands
Benefits: seeds provide food for birds and mammals, birds also use for cover and nesting

**Betula nigra - River birch**
catkins appear from April to May, height ranges from 40' to 70'
Habitat: coastal zones and along streamsides
Benefits: seeds provide food source for birds and browsers

**Carya ovata - Shagbark hickory**
catkins appear throughout May, height ranges from 60' to 80'
Habitat: dry upland woods
Benefits: sweet, edible nuts eaten by many mammals, water-fowl, and songbirds

**Celtis occidentalis - Hackberry**
greenish flowers appear April to May, red or purple fruit found Sept. to Oct., height ranges 40' to 60'
Habitat: along streamsides and in woods
Benefits: fruit valuable for winter birds, frequently used for nesting also

**Diospyros virginiana - Persimmon**
greenish-yellow flowers bloom March to June, fruits orange to yellowish-green, height ranges from 30' to 50'
Habitat: moist bottomland, old fields, and along roadides
Benefits: fruits provide food for songbirds and waterfowl

**Fagus grandifolia - American beech**
inconspicuous flowers appear from April to May, height ranges from 50' to 70'
Habitat: rich moist soils, found in woodlands
Benefits: flowers and fruit provide food for birds and mammals

**Fraxinus americana - White ash**
inconspicuous flowers with purple stamens found April to May, height ranges from 50' to 80'
Habitat: upland woods
Benefits: seeds provide a food source for wood ducks, black-birds, cardinals, finches, grosbeaks, and more

**Fraxinus nigra - Black ash**
inconspicuous flowers from April to May, height ranges from 40' to 70'
Habitat: along stream-banks and in wetlands
Benefits: seeds important for birds and waterfowl

**Fraxinus pennsylvanica - Green ash**
inconspicuous greenish-purple flowers bloom April to May, height ranges from 50' to 60'
Habitat: river valleys and wetlands, but can grow in dry soils
Benefits: seeds provide food for birds and waterfowl

**Ilex opaca - American holly**
red berries appear in August and persist throughout the winter, height ranges from 15' to 30'
Habitat: moist, sandy soil, often found in woods, prefers shade
Benefits: berries provide foo for songbirds and turkeys

**Juglans nigra - Black walnut**
yellowish green catkins bloom April to May, height ranges from 50' to 75'
Habitat: poorly drained soils, woods and meadows
Benefits: fruit provides food for birds and mammals

**Juniperus virginiana - Red cedar**
highly aromatic, purplish female cones in early spring, fruits dark blue with light blue waxy covering,
height ranges from 40' to 50'
Habitat: dry, sandy, or red clay soils, commonly found in coastal areas, esp. Assateague
Benefits: fruits provide food for songbirds, pheasant, owls, and turkeys

**Liquidambar styraciflua - Sweet gum**
grayish brown flowers bloom April to May, height ranges from 60' to 75'
Habitat: common in bottomland and swamps
Benefits: seeds provide food for many birds

**Liriodendron tulipifera - Tulip poplar**
greenish-yellow flowers appear from April to June, height ranges from 70' to 90'
Habitat: rich soil, woods
Benefits: seeds and nectar used by birds, also used for nesting and cover

**Nyssa sylvatica - Black gum**
greenish-white flowers bloom from April to May, height ranges from 30' to 50'
Habitat: moist and dry soils, swamps and woods
Benefits: fruit provide food for many songbirds and waterfowl

**Pinus taeda - Loblolly pine**
seeds located in brown cones, height ranges from 80' to 100'
Habitat: moist, sandy soils
Benefits: seeds provide food for some wildlife

**Quercus alba - White oak**
yellow catkins appear May to June, height can reach 100'
Habitat: many types of soil, has an extensive range
Benefits: fruits important for birds and mammals

**Quercus palustris - Pin oak**
inconspicuous flowers on pale yellow spikes found from April to May, height ranges from 60' to 70'
Habitat: swamps and moist bottomland
Benefits: fruits used by many birds and mammals

**Quercus rubra - Red oak**
inconspicuous flowers on long green spikes bloom from April to May, height ranges from 60' to 75'
Habitat: upland woods on well-drained soil
Benefits: fruits used by many birds and mammals

**Chamaecyparis thyoides - Atlantic white cedar**
inconspicuous flowers from April to May, fruits borne in cones
Habitat: swamps
Benefits: seeds provide food for birds
**Taxodium distichum - Bald cypress**
Cone-bearing conifer, feathery leaves drop in winter.
Habitat: swamps, edge of streams, will grow in uplands
Benefits: important songbird tree