

Native Pinelands Plants for the Landscape

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The Pinelands Commission thanks botanist Joseph R. Arsenault of Franklinville, NJ for his permission to use the following list.

The following suggestions list some of the common Pine Barrens plants and their uses for landscaping, habitat enhancement and forest restoration. Some of these include:

Buffers are used to separate land uses or property.

Specimen plants are used as a display for form, color or function.

Forest uses are specified for reclamation replanting projects, large and small scale.

Reclamation uses are directed towards cleared land: mines, farming.

Canopy reflects trees with potential to become large and tall.

Foundation, shade, flowers or other plantings include canopy and smaller species.

<u>Species</u>	<u>Common Name</u>	<u>General Use Comments</u>
<u>Trees: Evergreens</u>		
Chamaecyparis thyoides	Atlantic White Cedar	Buffer, specimen, forest
Juniperus virginiana	Red cedar	Buffer, specimen, reclamation
Pinus echinata	Short-leaf pine	Canopy, forest
Pinus rigida	Pitch pine	Canopy, buffer, reclamation
Pinus virginiana	Virginia Pine	Buffer, specimen, reclamation
<u>Trees: Deciduous</u>		
Acer rubrum v. triloba	Trident red maple	Specimen, shade, wetland
Betula lenta	Black birch	Specimen, shade, wetland
Betula lutea	Yellow birch	Specimen, wetland
Betula populifolia	Gray birch	Specimen
Carya pallica	Sand hickory	Specimen, shade, wildlife
Carya tomentosa	Mockernut	Specimen, shade, wildlife
Carya ovalis	Pignut hickory	Specimen, shade, wildlife
Cornus florida	White Dogwood	Specimen, flowers, wildlife
Ilex opaca	American holly	Specimen, buffer, wildlife
Liquidambar styraciflua	Sweet gum	Specimen, shade, wetland
Magnolia virginiana	Sweet bay	Specimen, flower, wetland
Nyssa sylvatica	Black gum	Specimen, shade, wetland
Quercus alba	White oak	Specimen, shade, forest
Quercus coccinea	Scarlet oak	Specimen, shade, forest
Quercus falcate	Southern red oak	Specimen, shade, forest
Quercus marlandica	Black jack oak	Specimen, wildlife
Quercus phellos	Willow oak	Specimen, shade, wetland

Quercus prinus	Chestnut oak	Specimen, shade, forest
Quercus stellata	Post oak	Specimen, forest
Quercus velutina	Black oak	Specimen, shade, forest
Sassafras albidum	Sassafras	Specimen, buffer, flower

Shrubs: Evergreen

Chamadaphne calyculata	Leatherleaf	Foundation, wetland
Ilex glabra	Inkberry	Foundation, wildlife, many forms
Kalmia angustifolia	Sheep laurel	Specimen, foundation, low
Kalmia latifolia	Mountain laurel	Specimen, foundation, buffer
Leiophyllum buxifolium	Sand myrtle	Specimen, low and compact
Myrica cerifera	Costal wax myrtle	Foundation, wildlife
Rhododendron maximun	Rose bay	Specimen, shade, wetland

Shrubs: Deciduous

Alnus serrulata	Smooth alder	Specimen, wetland
Aronia arbutifolia	Red chokeberry	Foundation, wildlife
Aronia melanocarpa	Black chokeberry	Foundation, wildlife
Aronia Prunifolia	Purple chokeberry	Foundation, wildlife
Chephalanthus occidentalis	Buttonbush	Specimen, wildlife, wetland
Clethra alnifolia	Sweet pepperbush	Specimen, foundation, wetland
Gaylussacia baccata	Black huckleberry	Groundcover, wildlife
Gaylussacia dumosa	Dwarf huckleberry	Wetland, groundcover, wildlife
Gaylussacia frondosa	Dangleberry	Wildlife, buffer
Ilex verticilata	Winterberry	Specimen, wildlife
Itea virginica	Summer sweet	Foundation, wetland, specimen
Leucothoe racemosa	Fetterbush	Specimen, wetland, foundation
Lyonia ligustrina	Maleberry	Wetland, specimen
Lyonia mariana	Staggerbush	Specimen, foundation
Myrica pensylvanica	Northern bayberry	Buffer, wildlife, semi-evergreen
Quercus ilicifolia	Bear/scrub oak	Specimen, buffer, wildlife
Quercus prinoides	Dwarf chestnut oak	Specimen, foundation, wildlife
Rhododendron alanticum	Dwarf azalea	Specimen, groundcover, foundation
Rhododendron nudiflorum	Pinxter flower	Specimen
Rhododendron viscosum	Swamp azalea	Specimen, foundation, wetland
Rhus copallinum	Wing sumac	Specimen, buffer, wildlife
Vaccinium angustifolium	Late lowbush blueberry	Groundcover, wildlife
Vaccinium corynbosum	Highbush blueberries	Wetland, specimen, wildlife
Vaccinium palladium	Early lowbush blueberry	Groundcover, wildlife
Viburnum cassinoides	Witherod	Wetland, specimen, wildlife
Viburnum denatum	Arrowwod	Specimen, foundation, wildlife
Viburnum nudum	Possumhaw	Wetland, specimen, wildlife

Vines and Groundcovers

Arctostaphylos uva-ursi	Bearberry	Choice groundcover
Chimaphila maculosa	Spotted wintergreen	Groundcover
Clematis virginiana	Virgin's-bower	Specimen, wildlife
Epigaea repens	Trailing Arbutus	Groundcover
Gaultheria procumbens	Wintergreen	Groundcover, wildlife
Parthenocisus quinquefolia	Virginia creeper	Specimen, groundcover, restoration
Rubus hispidus	Swamp dewberry	Groundcover, restoration
Smilax glauca	Catbriar	Wildlife, restoration
Smilax rotundifolia	Bullbriar	Wildlife, restoration
Vaccinium macrocarpon	Cranberry	Groundcover, wildlife
Viola soria	Common blue violet	Groundcover
Vitis aestivalis	Summer grape	Wildlife, restoration
Vitis lambruca	Fox grape	Wildlife, restoration

Grasses

Andropogon glomeratus	Bushy beard grass	Specimen, ponds, wildlife
Andropogon virginicus	Broom-sedge	Buffer, specimen, reclamation
Deschampsia flexuosa	Wavy hair grass	Shade-tolerant, fine leaf
Eragrostis spectabilis	Witch-grass	Specimen, reclamation
Festuca rubra	Red fescue	Turf, semi-shade tolerant
Panicum commutatum	Rosette grass	Specimen, reclamation, very small
Panicum virgatum	Switch grass	Buffer, specimen, reclamation
Schizacrium scoparium	Little bluestem	Buffer, specimen, reclamation
Sorghastrum nutans	Indian grass	Buffer, specimen, reclamation
Spartina pectinata	Freshwater cordgrass	Specimen, wetland, wildlife

Upland Sedges

Carex nigromarginata	Black edge sedge	Specimen, turf, wildlife
Carex pensylvanica	Upland sedge	Groundcover, turf for wooded areas
Carex swanii	Swans sedge	Specimen, wildlife
Carex tosa	Shaved sedge	Groundcover

Wetland Sedges, Rushes

Carex striata	Walter's sedge	Groundcover in wetland
Carex stricta	Strict sedge	Specimen, wetland, pond
Carex folliculata	Northern Long sedge	Specimen in pond setting
Cladium mariscoides	Nut rush	Pond, wildlife
Eiophorum virginicum	Tawny cotton grass	Specimen, pond
Juncus Canadensis	Canada rush	Pond specimen
Rhynchospora capitellata	Brownish beak-rush	Wildlife, wetland, pond
Rhynchospora macrostachya	Horned beak-rush	Specimen, wildlife, pond
Scirpus cyperinus	Woolgrass	Specimen, wetland
Scirpus pungens	Chair-makers three-square	Pond, wetland, wildlife

Upland Herbaceous

<i>Asclepias syriaca</i>	Common milkweed	Wildlife, flowers, fragrance
<i>Asclepias tuberosa</i>	Butterfly weed	July flower, wildlife
<i>Helianthemum canadense</i>	Frostweed	June flower, perennial
<i>Helianthus divaricatus</i>	Woodland sunflower	Summer flower, tolerates semi-shade
<i>Monarda punctata</i>	Horsemint	July flower, dry soil
<i>Opuntia humifusa</i>	Prickly pear cactus	June flower, full sun, groundcover
<i>Tephrosia virginiana</i>	Goat rue	July flower dry soil

Wetland and Bog Plants

<i>Asclepias incarnate</i>	Swamp milkweed	July to August, full sun, wet
<i>Aster novabelgii</i>	NY aster	August to October, wet gardens
<i>Drosera</i> spp.	Sundews	July and August, white and pink
<i>Iris prismatica</i>	Slender blue flag	June flower, specimen, pond
<i>Iris versicolor</i>	Blue flag	June flower, specimen, pond
<i>Lilium superbum</i>	Turk's cap lily	July flower, tall
<i>Lobelia cardinalis</i>	Cardinal flower	Late summer flower, wildlife
<i>Rhexia virginica</i>	Meadow beauty	Pink flower, 12-18"
<i>Sarracenia purpurea</i>	Pitcher plant	Requires acidic organic soil
<i>Viola lanceolata</i>	Lance leaf violet	Spring flower, white, small
<i>Xyris difformis</i>	Yellow eye grass	Summer flower, specimen

Pond Plants

<i>Brasenia schreberi</i>	Water shield	Red gelatinous flowers, peltate leaves
<i>Eriocaulon septangulare</i>	Seven-angle pipewort	White flower, specimen
<i>Nuphar lutea</i> spp.	Spatterdock	Yellow, oval floating leaves
<i>Nymphaea odorata</i>	White water lily	Round floating leaves
<i>Orontium aquaticum</i>	Golden club	Specimen, floating leaf, arum family
<i>Peltandra virginica</i>	Arrow arum	Dark green leaves, emergent, spathe
<i>Pontedaria cordata</i>	Pickerelweed	Purple flower, emergent
<i>Sagittaria engelmanniana</i>	Slender arrowhead	Specimen, emergent
<i>Sagittaria latifolia</i>	Arrowhead	Specimen, emergent
<i>Sparganium americanum</i>	Slender bur-reed	Plant in mass, area cover, emergent

Ferns

<i>Asplenium platyneuron</i>	Ebony spleenwort	Dry shade
<i>Osmunda cinnamomea</i>	Cinnamon fern	Wet shade
<i>Osmunda regalis</i>	Royal fern	Wet shade
<i>Pteridium aquilinum</i>	Braken	Dry sun or shade
<i>Thelypteris</i> spp.	Marsh and bog fern	Damp soils in shade
<i>Woodwardia aereolata</i>	Netted chain fern	Wet shade
<i>Woodwardia virginica</i>	Virginia chain fern	Pond

Native Composites Suitable for the Garden

Composite are daisy family plants. In our area, there are approximately 300 species. This includes many highly desirable asters and goldenrods as well as the nuisance plants like ragweed, wormwoods and dandelion. The following list is a small selection of those species that have the best use in our planted landscapes.

Asters: This group includes our perennial daisies of the late summer and fall.

Aster divariatus	White wood aster	Dry shade
Aster gacilis	Grass-leaf aster	Dry sun garden
Aster laevis	Smooth blue aster	Dry sun or shade
Aster linariifolius	Stiff leaf aster	Dry sun and sand
Aster novebelgii	NY aster	Moist shade garden
Aster pilosus	Calico aster	Dry to moist, sun and shade
Aster spectabilis	Showy aster	Dry sun
Aster undulatus	Wavy leaf aster	Tall plant, dry shade garden
Aster vimineus	Small white calico aster	Moist sun garden

Solidago: This is the genus for goldenrods, the much maligned group of plants. There are many species in our area and here are some suitable for the garden.

Solidago Canadensis	Tall goldenrod	Dry sun, needs large area-runs
Solidago caesia	Blue stem golden rod	Dry woodland
Solidago erecta	Erect goldenrod	Choice, dry open sun
Solidago nemoralis	Gray goldenrod	Dry open sun, large flowers
Solidago odora	Sweet goldenrod	Choice, dry sun
Solidago rugosa	Rough leaf goldenrod	Dry to moist, many selections
Solidago stricta	Wand-like goldenrod	Rare plant of moist sand
Solidago uliginosa	Bog goldenrod	Wet shade

Other Notable Composites: The following plants are a small selection of the other suitable plants common on our coastal plain landscape.

Chrysopsis mariana	Maryland golden-aster	Dry sun, showy yellow flowers
Coreopsis lanceolata	Coreopsis	Dry sunny areas, weak perennial
Helianthus angustifolius	Narrow leaf sunflower	Moist sunny areas
Helianthus divaricatus	Woodland sunflower	Dry sun or shade, choice plant
Liatris graminifolia	Glass-leaf blazing star	Dry sun, wands of purple flowers
Rudbeckia hirta	Black-eyed Susan	Dry sun, weak perennial
Vernonia noveboracensis	NY Ironweed	Moist sunny area, tall plants