

Native Shoreland/Riparian Buffer Plantings for New Hampshire*

* This list is referenced in Env-Wq 1400 (Shoreland Protection) as Appendix D



Common Name(s)	Latin Name	Height	Growth Rate	Rooting	Light Preference	Soil Preference	Habitat	Associated Birds and Mammals (Cover, Nesting or Food) and Food Value
Trees								
American Basswood (American Linden)	<i>Tilia americana</i>	Medium-Large 60-100'	Moderate	Deep	Full/Part Shade or Full Sun	Moist	Rich woods, valleys, gentle slopes	Wildlife: Pileated woodpecker, wood duck, other birds; deer, rabbit, squirrel Food: Seeds, twigs
American Beech	<i>Fagus grandifolia</i>	Medium-Large 60-90'	Slow	Shallow	Full/Part Shade or Full Sun	Dry or Moist	Rich woods, well-drained lowlands	Wildlife: Blue jay, chickadees, nuthatches, quail, ruffed grouse, tufted titmouse, wild turkey, wood duck, woodpeckers; bear, chipmunk, deer, fox, porcupine, snowshoe hare, squirrel Food: Nuts, buds, sap
American Hophornbeam (Ironwood)	<i>Ostrya virginiana</i>	Small 20-40'	Slow	Shallow	Full/Part Shade or Full Sun	Dry or Moist	Rich woods	Wildlife: Downy woodpecker, mockingbird, purple finch, ring-necked pheasant, rose-breasted grosbeak, ruffed grouse, wild turkey, wood quail; deer, rabbit, squirrel Food: Nuts, buds, seeds
American Hornbeam (Blue Beech/Musclewood)	<i>Carpinus caroliniana</i>	Small/Shrubby 20-40'	Slow	Moderate	Full/Part Shade or Full Sun	Dry, Moist, Flood Tolerant	Rich woods, forested wetlands, ravines, streambanks	Wildlife: Quail, ruffed grouse, wood duck; beaver, deer, squirrel Food: Seeds, buds
American Mountain Ash	<i>Sorbus americana</i>	Small Up to 25'	Fast	Shallow	Full/Part Shade or Full-Sun	Dry, Moist	Forested wetlands, rich woods	Wildlife: Bluebird, brown thrasher, catbird, cedar waxwing, grosbeak, mockingbird, robin, thrushes, wild turkey; bear Food: Fruit, twigs
Balsam Fir	<i>Abies balsamea</i>	Small-Medium 40-60'	Fast	Shallow	Full Sun	Moist, Flood Tolerant	Forested wetlands, streambanks, rich woods	Wildlife: Ruffed grouse, songbirds; small mammals, moose Food: Seeds

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Trees (Continued)								
Balsam Poplar	<i>Populus balsamea</i>	Medium 60-80'	Fast	Shallow	Full Sun	Moist	Floodplains, riverbanks, streambanks, valleys	Wildlife: Beaver, deer, mouse, snowshoe hare Food: Buds, catkins, twigs, foliage
Big-Toothed Aspen	<i>Populus grandidentata</i>	Small-Medium 30-60'	Fast	Shallow	Full Sun	Dry or Moist	Sandy upland soils, floodplain streams; with quaking aspen	Wildlife: Black-capped chickadee, evening grosbeak, purple finch, ruffed grouse, yellow-bellied sapsucker; deer Food: Buds, catkins, bark, twigs, and foliage
Black Ash	<i>Fraxinus nigra</i>	Medium 60-80'	Moderate	Shallow	Full/Part Shade	Moist, Flood Tolerant	Forested wetlands, streambanks	Wildlife: Songbirds, wood duck; deer, moose, small mammals Food: Fruit, twigs, young leaves
Black Birch (Sweet Birch)	<i>Betula lenta</i>	Medium 40-60'	Moderate	Shallow	Full/Part Shade	Moist	Cool, moist uplands, rich woods	Wildlife: Grouse; deer, rabbit Food: Buds, catkins, seeds
Black Cherry	<i>Prunus serotina</i>	Medium 40-60'	Moderate	Deep Taproot	Full/Part Shade	Dry or Moist	Rich woods, on many sites except very dry soils	Wildlife: Bluebird, blue jay, brown thrasher, cardinal, catbird, cedar waxwing, common crow, eastern kingbird, evening grosbeak, mockingbird, northern flicker, northern oriole, robin, ruffed grouse, sparrows, thrushes, veery, vireo, yellow-bellied sapsucker; bear, chipmunk, deer, fox, raccoon, squirrel Food: Berries, buds, sap
Black Gum (Tupelo)	<i>Nyssa sylvatica</i>	Medium 50-60	Slow	No Information Available	Full/Part Shade	Dry or Moist	Forested wetlands, floodplains	Wildlife: Bluebird, cardinal, catbird, chickadee, crow, finches, mallards, robin, ruby-throated hummingbird, ruffed grouse, vireo, wild turkey, woodpeckers, wood duck; honeybees; bear, chipmunk, deer, opossum, squirrel Food: Seeds, sap, nectar

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Trees (Continued)								
Black Spruce	<i>Picea mariana</i>	Small Up to 25'	Slow	Shallow	Full/Part Shade	Moist, Flood Tolerant	Bogs, forested wetlands, lake and pond shores	Wildlife: Songbirds, ruffed grouse, spruce grouse; chipmunk, cottontail, deer, porcupine, squirrel Food: Seeds, twigs, nectar, bark
Black Willow	<i>Salix nigra</i>	Small-Medium Up to 50'	Very Fast	Very Shallow	Full Sun	Moist, Flood Tolerant	Forested wetlands, lowlands, floodplains	Wildlife: Songbirds and mammals Food: Buds, catkins
Box Elder	<i>Acer negundo</i>	Medium 40-70'	Very Fast	Deep, Lateral	Full Sun	Dry, Moist, Flood Tolerant	Forested wetlands, lowlands, floodplains	Wildlife: Songbirds and mammals Food: Seeds
Eastern Cottonwood	<i>Populus deltoides</i>	Medium-Large 80-100'	Fast	Shallow	Full Sun	Dry or Moist	Floodplains, streambanks, valleys	Wildlife: Ruffed grouse Food: Catkins
Eastern Hemlock	<i>Tsuga canadensis</i>	Medium-Large 80-100'	Moderate	Shallow Lateral	Full/Part Shade	Dry or Moist, Acidic	Cool, moist uplands, ravines, rock outcrops, streambanks	Wildlife: Black-capped chickadee, blue and green warblers, crossbill, hawks, juncos, pine siskin, ruffed grouse, veery, wild turkey; deer, chipmunk, cottontail, porcupine, squirrel, white-footed mouse Food: Twigs, foliage, seeds
Eastern White Pine	<i>Pinus strobus</i>	Large 70-120'	Moderate	Shallow	Full Sun	Dry or Moist, Well- Drained	Forested wetlands, bogs, ravines, cool shady north slopes	Wildlife: Brown creeper, chickadee, crossbill, grosbeak, junco, nuthatch, pine warbler, sparrows, spruce grouse, wild turkey, woodpeckers; beaver, chipmunk, deer, snowshoe hare, squirrel Food: Seeds, foliage, twigs; winter food
Gray Birch (Wire Birch)	<i>Betula populifolia</i>	Small 20-35'	Fast	Shallow	Full/Part Shade or Full Sun	Dry or Moist	Pioneer Species: poorest of sterile soils, sandy or gravelly slopes	Wildlife: American goldfinch, blue jay, chickadee, northern junco, pine siskin, red-tailed hawk, ruffed grouse, sparrows, vireo, yellow-bellied sapsucker, woodpeckers; snowshoe hare Food: Seeds, buds

Common Name(s)	Latin Name	Height	Growth Rate	Rooting	Light Preference	Soil Preference	Habitat	Associated Birds and Mammals (Cover, Nesting or Food) and Food Value
Trees (Continued)								
Green Ash	<i>Fraxinus pennsylvanica</i>	Medium-Large 60-80'	Fast	Shallow	Full/Part Shade or Full Sun	Moist, Flood Tolerant	Forested wetlands, floodplains, streambanks; never on dry soils	Wildlife: Cardinal, finches, evening grosbeak, mourning dove, red-winged blackbird, wood duck; beaver, chipmunk, deer, porcupine, squirrel Food: Seeds, foliage
Northern White Cedar (Arborvitae)	<i>Thuja occidentalis</i>	Medium 30-60'	Slow to Moderate	Shallow	Full Sun	Moist, Flood Tolerant	Bogs, wetlands, rich woods	Wildlife: Songbirds; small mammals, deer Food: Seeds, needles
Quaking/Trembling Aspen (Poplar)	<i>Populus tremuloides</i>	Small-Medium 30-60'	Fast	Shallow	Full Sun	Dry or Moist	Pioneer Species; dry open woods, sandy or gravelly slopes	Wildlife: Ruffed grouse; beaver, deer, porcupine, snowshoe hare Food: Buds, catkins, bark, twigs, and foliage
Red Maple	<i>Acer rubrum</i>	Medium 40-75'	Moderate to Fast	Very Shallow	Full Sun	Dry, Moist, Flood Tolerant	Forested wetlands, streambanks, lakeshores, rich woods	Wildlife: Cardinal, chickadee, evening and pine grosbeaks, finches, robin, yellow-bellied sapsucker; beaver, chipmunk, deer; opossum, squirrel, snowshoe hare Food: Seeds, buds, bark, twigs, sap
Red Oak	<i>Quercus rubra</i>	Medium 60-90'	Moderate	Deep Lateral	Full/Part Shade or Full Sun	Dry or Moist	Bottomlands, moist slopes	Wildlife: Blue jay, brown thrasher, ducks, hawks, quail, nuthatch, ruffed grouse, towhee, wild turkey, woodpecker; bear, chipmunk, deer, gopher, opossum, raccoon, squirrel Food: Acorns
Shagbark Hickory	<i>Carya ovata</i>	Large 70-100'	Fast	Deep Taproot	Full/Part Shade	Dry or Moist	Rich woods, valleys, upland slopes	Wildlife: Cardinal, field sparrows, pine warbler, rose-breasted grosbeak, rufous-sided towhee, white-breasted nuthatch, wild turkey, wood duck, yellow-rumped warbler; chipmunks, squirrels Food: Nuts
Silver Maple	<i>Acer sacharinum</i>	Medium 60-80'	Moderate	Shallow	Full/Part Shade or Full Sun	Moist, Flood Tolerant	Forested wetlands, riverbanks, floodplains, streambanks	Wildlife: Cardinal, goldfinch, evening and pine grosbeaks, northern oriole Food: Seeds, buds

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Trees (Continued)								
Striped Maple (Moosewood/ Moose Maple)	<i>Acerpen sylvanicum</i>	Small/Shrubby 20-30'	Moderate	Shallow	Full/Part-Shade	Moist	Rich woods, cool moist sites	Wildlife: Ruffed grouse; beaver, deer, moose, porcupine, rabbit Food: Buds, bark, samaras
Sugar Maple	<i>Acer saccharum</i>	Medium-Large 60-100'	Slow	Shallow	Full/Part Shade or Full Sun	Moist	Valleys and uplands; tolerates almost all soil types	Wildlife: Cardinal, goldfinch, grosbeak, ring-necked pheasant, robin, ruffed grouse, vireo; beaver, chipmunk, porcupine; Browse for deer, rabbit, snowshoe hare Food: Seeds, twigs, bark
Swamp White Oak	<i>Quercus bicolor</i>	Medium 60-70'	Fast	No Information Available	Full/Part Shade	Moist	Forested wetlands, floodplains, streambanks	Wildlife: Barred owl, blue jay, cardinal, brown thrasher, grouse, mallards, nuthatch, quail, red-bellied woodpecker, red-tailed hawk, ruffed grouse, starling, towhee, wild turkey, yellow-throated warbler, wren; beaver, chipmunk, cottontail, deer, gopher, opossum, raccoon, squirrel, white-footed mouse, wild turkey Food: Acorns
Sweet Gum	<i>Liquidambar styraciflua</i>	Medium-Large 60-100'	Moderate	No Information Available	Full Sun	Moist	Valleys, Lower slopes, mixed woodlands	Wildlife: Mourning dove, finches, junco, wren; beaver, chipmunk, squirrel Food: Seeds
Sycamore (Planetree/ Buttonwood)	<i>Platanus occidentalis</i>	Large 80-100'	Slow	No Information Available	Full/Part Shade or Full-Sun	Dry or Moist	Floodplains, lakeshores, streambanks	Wildlife: Finches; chipmunk, squirrel Food: Seeds
Tamarack (American/Eastern Larch)	<i>Larix laricina</i>	Small-Medium 40-80'	Variable	Moderate	Full Sun	Moist, Flood Tolerant	Bogs, swamps, wet peaty soils, drier upland loamy soils	Wildlife: Blue jay, kinglets, pheasant, red crossbill, robin, ruffed grouse, spruce grouse, yellow-bellied sapsucker; chipmunk, deer, porcupine, red squirrel, snowshoe hare Food: Needles, twigs, inner bark, seeds

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Trees (Continued)								
White Ash	<i>Fraxinus americana</i>	Medium-Large 70-100'	Moderate	Shallow	Full/Part Shade or Full Sun	Moist, Flood Tolerant	Rich woods, valleys, slopes, forested wetlands, floodplains, streambanks	Wildlife: Finches, grosbeaks, red-winged blackbird, wood duck; deer, squirrel Food: Seeds, foliage
White Birch (Paper Birch)	<i>Betula papyrifera</i>	Medium 50-75'	Fast	Shallow	Full Sun	Dry or Moist	Forested wetlands, rich woods	Wildlife: Grouse, siskins Food: Seeds, buds
White Oak	<i>Quercus alba</i>	Medium-Large 50-90'	Moderate	Deep	Full/Part Shade or Full Sun	Deep, rich, well-drained	Streambanks, lakeshores, gentle slopes; adapts to almost any condition	Wildlife: Blue jay, brown thrasher, nuthatch, quail, ruffed grouse, towhee, wild turkey, wood duck, woodpecker; chipmunk, bear, deer, gopher, opossum, raccoon, squirrel Food: Acorns
White Spruce	<i>Picea glauca</i>	Medium 40-70'	Moderate	Shallow	Full/Part Shade or Full Sun	Dry or Moist	Streambanks, lakeshores, rich woods, adjacent slopes	Wildlife: Fishers, martens, snowshoe hare, voles Food: Seeds
Yellow Birch (Sweet Birch)	<i>Betula alleghaniensis</i>	Medium-Large 70-100'	Slow	Shallow/ Moderate	Full/Part Shade	Dry or Moist	Forested wetlands, floodplains, ravines, cool, rich woods of high elevations	Wildlife: Black-capped chickadee, common redpoll, goldfinch, pine siskins, red-shouldered hawk, ring-necked pheasant, ruffed grouse, wild turkey, wood duck, yellow-bellied sapsucker; beaver, chipmunk, deer, porcupine, squirrel, snowshoe hare Food: Catkins, buds, bark, twigs, foliage, seeds

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Shrubs							
American Hazelnut	<i>Corylus americana</i>	Medium 5-10'	Moderate	Full/Part Shade or Full Sun	Moist	Borders of woods, hillsides, thickets	Wildlife: Blue jay, brown thrasher, cedar waxwing, hairy woodpecker, ring-necked pheasant, ruffed grouse; chipmunk, deer, rabbit, squirrel Food: Nuts, berries, foliage
Beaked Hazelnut	<i>Corylus cornuta</i>	Small 6-10'	Moderate	Full/Part Shade or Full Sun	Dry	Dry places	Wildlife: Birds, mammals Food: Beaked nuts
Black Chokeberry	<i>Aronia meloncarpa</i>	Medium Up to 10'	Moderate	Full/Part Shade or Full Sun	Moist, Flood Tolerant	Shrub and forested wetlands	Wildlife: Cedar waxwing, chickadees, ruffed grouse, sharp-tailed grouse; deer, rabbit, squirrel Food: Berries, buds
Buttonbush	<i>Cephalanthus occidentalis</i>	Medium 6-12'	Moderate	Full/Part Shade or Full Sun	Moist, Flood Tolerant	Streambanks, lakeshores, ponds, shrub and forested wetlands	Wildlife: Ducks, rails, ruby-throated hummingbird; beaver, deer, muskrat, butterflies, honeybees and other insects Food: Fruit, twigs, leaves, seeds, nectar
Chokecherry	<i>Prunus virginiana</i>	Small 3-6'	Moderate	Full/Part Shade or Full Sun	Dry or Moist	With Aspen; dry soils	Wildlife: Bluebird, brown thrasher, catbird, crow, eastern kingbird, evening grosbeak, orioles, pileated woodpecker, ring-necked pheasant, robin, rose grosbeak, ruffed grouse, thrushes, yellow-bellied sapsucker; rabbit, squirrel Food: Berries, buds, foliage
Elderberry	<i>Sambucus canadensis</i>	Small-Medium 3-12'	Moderate	Full/Part Shade or Full Sun	Moist, Flood Tolerant	Rich woods, shrub and forested wetlands, marshes	Wildlife: Bluebirds, blue jay, brown thrasher, cardinal, catbird, grosbeak, indigo bunting, pileated woodpecker, ringed-neck pheasant, robin, rose-breasted grosbeak, ruffed grouse, thrushes, wild turkey, woodpecker; chipmunk, deer, rabbit, squirrel Food: Berries, nectar, twigs, bugs
Gray Dogwood (Red-Panicle Dogwood)	<i>Cornus racemosa</i>	Medium 10-15'	Moderate	Full/Part Shade or Full Sun	Dry or Moist	Roadsides, thickets, wetlands	Wildlife: Blue jay, cardinal, catbird, cedar waxwing, eastern kingbird, finch, flycatcher, grosbeak, hairy woodpecker, northern flicker, phoebe, pileated woodpecker, pine grosbeak, pine warbler, red-bellied woodpecker, ring-necked pheasant, robin, ruffed grouse, starling, swamp sparrow, tufted titmouse, veery, vireo, wild turkey, wood duck, wood thrush, woodcock, yellow-bellied sapsucker; chipmunk, deer, red fox, rabbit, squirrel Food: Berries, twigs

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Shrubs (Continued)							
Highbush Blueberry	<i>Vaccinium corymbosum</i>	Medium 5-15'	Slow	Full/Part Shade or Full Sun	Dry, Moist, Flood Tolerant	Shrub and forested wetlands, rich woods	Wildlife: Baltimore oriole, bluebird, blue jay, cardinal, chickadee, gray catbird, kingbird, orioles, phoebe, red-bellied woodpecker, ring-necked pheasant, robin, ruffed grouse, rufous-sided towhee, scarlet tanager, tufted titmouse, veery, wild turkey, woodpeckers, wood thrush; black bear, chipmunk, deer, muskrat, rabbit, squirrel, white-footed mouse Food: Berries, foliage, twigs, buds
Hobblebush	<i>Viburnum alnifolium</i>	Medium Up to 10'	Moderate	Full/Part Shade	Moist, Flood Tolerant	Cool, moist ravines, shady lakeshores	Wildlife: Brown thrasher, cardinal, cedar waxwing, evening grosbeak, robin Food: Fruit
Juniper	<i>Juniperus communis</i>	Small 1-4'	Slow	Full Sun	Dry	Dry open land	Wildlife: Cedar waxwing, finches, grosbeaks, grouse, pheasant, robin; deer, rabbit, moose Food: Twigs, foliage, fruit
Lowbush Blueberry	<i>Vaccinium angustifolium</i>	1-2'	Slow	Full/Part Shade or Full Sun	Dry or Moist	Bogs, dry sandy flats, rocky slopes	Wildlife: Blue jay, grouse, kingbird, oriole, robin, tanagers, woodpeckers; squirrel Food: Berries, foliage, twigs
Maleberry	<i>Lyonia ligustris</i>	Up to 10'	Moderate	Full/Part Shade or Full Sun	Moist	Shrub and forested wetlands, rich woods, gentle slopes	Wildlife: Songbirds and mammals Food: Fruit
Mapleleaf Viburnum	<i>Viburnum acerifolium</i>	Small 3-6'	Moderate	Full/Part Shade or Full Sun	Moist	Rich woods	Wildlife: Songbirds and mammals Food: Fruit
Mountain Laurel	<i>Kalmia latifolia</i>	Up to 20'	Moderate	Full/Part Shade or Full Sun	Dry or Moist	Mixed uplands, acid soils	Wildlife: Ruffed grouse; deer Food: Foliage, buds, twigs, nectar
Nannyberry	<i>Viburnum lentago</i>	Medium-Large 10-25'	Moderate	Fall/Part Shade or Full Sun	Dry or Moist	Rich woods	Wildlife: Songbirds, mammals Food: Berries
Northern Arrowwood	<i>Viburnum recognitum</i>	Medium 10-15'	Moderate	Fall/Part Shade or Full Sun	Moist, Flood Tolerant	Shrub and forested wetlands, lakeshores, streambanks	Wildlife: Ruffed grouse, songbirds; bear, chipmunks, raccoon, squirrel, skunk, white-footed mouse Food: Berries

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Shrubs (Continued)							
Northern Wild Raisin (Witherod Viburnum)	<i>Viburnum nudum var. cassinoides</i>	Medium 6-10	Moderate	Full/Part Shade	Moist, Flood Tolerant	Shrub and forested wetlands, valleys, slopes, streambanks	Wildlife: Brown thrasher, cedar waxwing, flycatcher, ruffed grouse, veery, woodcock, yellow-warbler; chipmunk, deer, muskrat, squirrel, snowshoe hare Food: Bark, twigs, buds
Pussy Willow	<i>Salix discolor</i>	Medium-Large Up to 15'	Fast	Full Sun	Moist, Flood Tolerant	Shrub and forested wetlands, streambanks, lakeshores	Wildlife: American goldfinch, ruffed grouse; beaver, hare, rabbits, squirrel Food: Buds, catkins, twigs, bark
Raspberry	<i>Rubus idaeus</i>	Small Up to 6'	Fast	Full/Part Shade or Full Sun	Dry or Moist	Thickets, edges of woods	Wildlife: Songbirds and mammals Food: Fruits
Red Osier Dogwood	<i>Cornus stolonifera</i>	Small-Medium 4-8'	Fast	Full/Part Shade or Full Sun	Moist, Flood Tolerant	Rich woods, streambanks, lakeshores	Wildlife: Bluebird, brown thrasher, cardinal, catbird, cedar waxwing, downy woodpecker, eastern kingbird, finches, northern flicker, pine warbler, purple finch, ringed-neck pheasant, ruffed grouse, vireo, wild turkey, woodpeckers, wood duck; chipmunk, deer, rabbit, squirrel Food: Berries, twigs
Rhodora	<i>Rhododendron canadense</i>	Small 3-4'	Slow	Full Sun	Moist, Flood Tolerant	Bogs, slopes, rocky summits	Wildlife: Songbirds and mammals Food: Leaves
Shadbush (Serviceberry/ Juneberry)	<i>Amelanchier spp.</i>	Large 15-25'	Slow	Full/Part Shade or Full Sun	Dry, Moist, Flood Tolerant	Shrub and forested wetlands, floodplains, streambanks, rich woods	Wildlife: Bluebird, brown thrasher, cardinal, catbird, cedar waxwing, gray catbird, junco, orioles, red squirrel, robin, ruffed grouse, scarlet tanager, thrushes, veery, woodpeckers; beaver, deer, red squirrel, skunk Food: Berries, twigs

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Shrubs (Continued)							
Silky Dogwood	<i>Cornus amomum</i>	Medium 6-10'	Fast	Full/Part Shade or Full Sun	Dry, Moist, Flood Tolerant	Shrub and forested wetlands, streambanks	Wildlife: Baltimore oriole, black-capped chickadee, blue jay, brown thrasher, cardinal, catbird, cedar waxwing, downy woodpecker, eastern kingbird, flycatcher, mockingbird, northern flicker, pine warbler, purple finch, red-bellied woodpecker, ringed-neck pheasant, robin, rose-breasted grosbeak, ruffed grouse, song sparrow, starlings, tufted-titmouse, wild turkey, wood duck, wood thrush, veery; chipmunk, deer, rabbit, raccoon, skunk, squirrel, white-footed mouse Food: Berries, buds, twigs
Speckled Alder	<i>Alnus rugosa</i>	Large 15-25'	Fast	Full Sun	Moist, Flood Tolerant	Shrub and forested wetlands, streambanks, lakeshores	Wildlife: Alder flycatcher, catbird, goldfinch, mallards, pheasant, pine siskin, red-winged blackbird, ruffed grouse, swamp sparrow, yellow-bellied flycatcher, woodcock; bear, beaver, deer, cottontail, moose, muskrat, snowshoe hare Food: Buds, twigs, bark, leaves
Spicebush	<i>Lindera benzoin</i>	Small-Large 6-17'	Moderate	Full Sun	Moist, Flood Tolerant	Shrub and forested wetlands, rich woods	Wildlife: Catbird, kingbird, pheasant, quail, robin, ruffed grouse, veery, vireo, wood thrush; swallowtail butterflies; deer, muskrat Food: Fruit, buds, twigs, leaves
Swamp Azalea	<i>Rhododendron viscosum</i>	Up to 5'	Moderate	Full/Part Shade or Full Sun	Moist, Flood Tolerant	Shrub and forested wetlands, rich woods	Wildlife: Hummingbird; butterflies and other insects; deer Food: Leaves, nectar
Swamp Blackberry	<i>Rubus hispidus</i>	Small Up to 6'	Slow	Full/Part Shade	Dry or Moist	Shrub and forested wetlands, rich woods	Wildlife: Blue jay, brown thrasher, cardinal, cedar waxwing, grackle, gray catbird, grosbeak, mockingbird, oriole tanager, ring-necked pheasant, robin, ruffed grouse, rufus-sided thrushes, towhee, veery, wild turkey, woodcock, woodpeckers, wood thrush; chipmunk, cottontail, deer, raccoon, skunk, squirrel Food: Fruit, canes

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Shrubs (Continued)							
Sweet Gale	<i>Myrica gale</i>	Small 1-4'	Slow	Full Sun	Moist, Flood Tolerant	Shrub and forested wetlands, lakeshores, streambanks	Wildlife: Black-capped chickadee, catbird, common yellowthroat, phoebe, pied-billed grebe, ruffed grouse, tree swallow, tufted titmouse, wild turkey; deer, muskrat Food: Buds, leaves
Sweet Pepperbush	<i>Clethra alnifolia</i>	Medium 3-10'	Moderate	Full/Part Shade or Full Sun	Moist, Flood Tolerant	Shrub and forested wetlands, lakeshores, streambanks	Wildlife: Butterflies and other insects Food: Fruit, seeds, nectar
Winterberry Holly (Black Alder)	<i>Ilex verticillata</i>	Medium 6-10'	Slow	Full/Part Shade or Full Sun	Moist, Flood Tolerant	Shrub and forested wetlands, lakeshores, streambanks	Wildlife: Cardinal, catbird, cedar waxwing, chickadees, finches, flickers, ruffed grouse, thrushes, vireo, woodpeckers; bear, cottontail, deer, moose, skunk, white-footed mouse Food: Berries, twigs, leaves
Witch Hazel	<i>Hammamelis virginiana</i>	Large 20-30'	Slow	Full/Part Shade or Full Sun	Moist	Dry or rich woods	Wildlife: Cardinal, ring-necked pheasant, ruffed grouse, wild turkey; deer, squirrels Food: Seeds, buds, twigs, bark

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Groundcover/Herbaceous Perennials						
Boneset	<i>Eupatorium perfoliatum</i>	4-6'	Full Sun	Dry or Moist	Wet meadows, marshes, pond edges	Wildlife: Mallards, ruffed grouse, swamp sparrow, wild turkey; butterflies and other insects Food: Nectar
Blue Flag Iris	<i>Iris versicolor</i>	2-3'	Full Sun	Moist, Flood Tolerant	Marshes, lakeshores, streambanks	Wildlife: Blue-winged teal, ruby-throated hummingbird, wood duck; butterflies and other insects; muskrat Food: Nectar, shoots
Bunchberry	<i>Cornus canadensis</i>	3-8"	Full/Part Shade	Moist	Cool, moist woods	Wildlife: Sharp-tailed grouse, spruce-grouse; moose Food: Fruit, buds
Cardinal Flower	<i>Lobelia cardinalis</i>	2-4'	Full Sun	Moist, Flood Tolerant	Damp sites, streambanks	Wildlife: Ruby-throated hummingbirds; butterflies and other insects; bear, deer Food: Nectar
Cattail (Broad-Leaf)	<i>Typha latifolia</i>	Up to 10'	Full Sun	Moist, Flood Tolerant	Marshes, lakeshores, streambanks	Wildlife: Blue-winged teal, black-crowned night heron, red-winged blackbird, king rail, least and American bittern, mallards, marsh wren, swamp sparrow, Virginia rail; chipmunk, deer, muskrat Food: Seed heads
Christmas Fern	<i>Polystichium acrostichoides</i>	Up to 1'	Full/Part Shade	Moist	Rich woods	Wildlife: Ruffed grouse; box turtle, chipmunk, rabbit Food: Fronds, fiddleheads
Cinnamon Fern	<i>Osmunda cinnamomea</i>	Up to 3'	Full/Part Shade	Moist, Flood Tolerant	Shrub and forested wetlands	Wildlife: Brown thrasher, ruby-throated hummingbird, ruffed grouse, yellow throat; chipmunk, deer, white-footed mouse, vole Food: Fronds, fiddleheads
Foamflower	<i>Tiarella cordifolia</i>	Up to 1'	Full/Part Shade	Moist	Rich woods	Wildlife: Songbirds and mammals Food: Leaves
Goldenrod (Rough or Grass-Leaved)	<i>Solidago spp.</i>	1-5'	Full Sun	Dry or Moist	Wet meadows, marshes, damp swales	Wildlife: Goldfinch, junco, ruffed grouse, swamp sparrow; butterflies and other insects; cottontail, meadow mice Food: Seeds, nectar
Hay-Scented Fern	<i>Dennstaedtia punctiloula</i>	Up to 2'	Full/Part Shade or Full Sun	Moist	Woodlands, hillside pastures	Wildlife: Mammals Food: Fronds, fiddleheads
Interrupted Fern	<i>Osmunda punctiloula</i>	3-4'	Full/Part Shade	Moist	Woodland edges, stony dry soil	Wildlife: Mammals Food: Fronds, fiddleheads
Jewelweed (Spotted-Touch-Me-Not)	<i>Impatiens capensis</i>	2-5'	Full/Part Shade or Full Sun	Moist, Flood Tolerant	Shrub and forested wetlands, streambanks	Wildlife: Ring-necked pheasant, ruffed grouse, ruby-throated hummingbird, veery; butterflies and other insects; white-footed mouse Food: Nectar, seeds

Common Name(s)	Latin Name	Height	Light Preference	Soil Preference	Habitat	Associated Birds and Mammals (Cover, Nesting or Food) and Food Value
Groundcover/Herbaceous Perennials (Continued)						
Joe Pye Weed	<i>Eupatorium purpureum</i>	2-6'	Full Sun	Moist, Flood Tolerant	Wet meadows, marshes, shores	Wildlife: Ruby-throated hummingbird, swamp sparrow; butterflies and other insects; cottontail, muskrat, raccoon Food: Nectar
New England Aster	<i>Aster novae-angliae</i>	Up to 5'	Full Sun	Dry or Moist	Wet meadows, wetlands	Wildlife: Songbirds; butterflies and other insects Food: Nectar, seeds
Ostrich Fern	<i>Pteretis pensylvanica</i>	Up to 6'	Full/Part Shade	Moist	Shrub and forested wetlands	Wildlife: Mammals Food: Fronds, fiddleheads
Partridgeberry	<i>Mitchella repens</i>	Up to 1'	Full/Part Shade	Dry or Moist	Rich woods	Wildlife: Grouse, mammals Food: Berries
Rattlesnake Manna Grass	<i>Glyceria canadensis</i>	Up to 3'	Full Sun	Moist	Marshes, bogs, forested wetlands, lakeshores	Wildlife: Songbirds and mammals Food: Seeds
Rice Cutgrass	<i>Leersia oryzoides</i>	Up to 5'	Full Sun	Moist, Flood Tolerant	Primarily fresh marshes	Wildlife: Deer, muskrat, moose Food: Seeds, foliage
Riverbank Grape (Vine)	<i>Vitis riparia</i>	Up to 25'	Full/Part Shade or Full Sun	Moist	Streambanks	Wildlife: Pileated woodpecker, ruffed grouse, wild turkey, wood duck; various mammals Food: Fruit
Royal Fern	<i>Osmunda regalis</i>	Up to 5'	Full/Part Shade or Full Sun	Moist, Flood Tolerant	Shrub and forested wetlands	Wildlife: Mammals Food: Fronds, fiddleheads
Sensitive Fern	<i>Onoclea sensibilis</i>	Up to 3'	Full/Part Shade	Moist, Flood Tolerant	Shrub and forested wetlands	Wildlife: Black-capped chickadee, ruffed grouse; bear, deer Food: Buds, foliage
Sheep Laurel	<i>Kalmia angustifolia</i>	Up to 4'	Fall/Part Shade or Full Sun	Dry, Moist, Flood Tolerant	Shrub and forest wetlands, fields/pastures	Poisonous to livestock.
Swamp Milkweed	<i>Asclepias incarnata</i>	Up to 2'	Fall/Part Shade	Moist	Wet meadows, wetlands, thickets, shores	Wildlife: Black duck, mallards, red-winged blackbird, ruby-throated hummingbird; Monarch butterfly, other butterflies and insects; muskrat Food: Nectar, seeds
Sweet Fern	<i>Comptonia perigrina</i>	1-3'	Full/Part Shade or Full Sun	Dry	Open, dry sandy soils and pastures	Wildlife: Flickers, sharp-tailed grouse; deer, moose Food: Fruit
Tall Meadow Rue	<i>Thalictrum polygamum</i>	2-8'	Full/Part Shade	Moist	Wetlands, wet meadows, streamsides	Wildlife: Bees, butterflies Food: Nectar
Tussock Sedge	<i>Carex stricta</i>	Up to 4"	Full Sun	Moist, Flood Tolerant	Marshes, rich woods	Wildlife: Finches, ruffed grouse, snipe, sparrows; deer Food: Seeds, foliage

Common Name(s)	Latin Name	Height	Light Preference	Soil Preference	Habitat	Associated Birds and Mammals (Cover, Nesting or Food) and Food Value
Groundcover/Herbaceous Perennials (Continued)						
Twinflower	<i>Linnaea borealis</i>	Up to 6"	Full/Part Shade	Moist	Rich woods	Wildlife: Mammals Food: Foliage
Virginia Creeper (Vine)	<i>Parthenocissus quinquefolia</i>	Up to 25'	Full/Part Shade or Full Sun	Dry or Moist	Woods, rocky banks	Wildlife: Bluebird, great-crested flycatcher, red-eyes vireo, pileated woodpecker Food: Berries
Whorled Loosestrife	<i>Lysimachia quadrifolia</i>	Up to 4'	Full/Part Shade or Full Sun	Dry or Moist	Dry or moist open woods, thickets	Wildlife: Mammals Food: Foliage
Wild Sarsaparilla	<i>Aralia nudicanlis</i>	8-15"	Full/Part Shade	Dry or Moist	Upland woods	Wildlife: Mammals Food: Foliage, seeds, berries
Wintergreen (Teaberry/Checkerberry)	<i>Gaultheria procumbens</i>	Up to 4"	Full Sun	Dry	Oak woods, sandy soils	Wildlife: Partridge, ruffed grouse, songbirds; chipmunk, deer, moose Food: Fruit, foliage

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