

## Native Shrubs for Riparian Buffers in Northern New Jersey Watersheds

NAME	DECID/ EVERGR	HEIGHT	GROWTH RATE	LIGHT PREFERENCE		SOIL PREFERENCE			WILDLIFE HABITAT & FOOD VALUE	ORNAMENTAL VALUE	BANK STABILIZATING VALUE
				full/ part shade	full sun	dry	moist	flood tolerant			
Speckled alder <i>Alnus rugosa</i>	d	15-25'	fast	x	x		x	x	moderate - buds & twigs browsed by muskrat, rabbits, moose, deer, beaver, grouse	tiny cones make Xmas decorations	very good
Smooth alder <i>Alnus serrulata</i>	d	15'	moderate	x	X		X	X	high - abundant winter catkins	unique winter catkins	excellent
Red chokeberry <i>Aronia arbutifolia</i>	d	12'	moderate	X	X		X		high - abundant winter fruit	fall foliage; colorful berries	good
Black Chokeberry <i>Aronia melanocarpa</i>	d	10'	moderate	x	x	x	x	x	very high - fruits	purple fruits, purple fall color	good
Buttonbush <i>Cephalanthus occidentalis</i>	d	6-12'	moderate	x	x		x	x	moderate - high; nectar used by hummingbirds; waterfowl eat seed	white pom-pom like flower clusters; glossy foliage	excellent
Sweet Pepperbush <i>Clethra alnifolia</i>	d	8'	moderate	x	x		x	x	high - fruits, pollen, nectar	white mid-summer flowers	good
Silky Dogwood <i>Cornus amomum</i>	d	6-10'	fast	x	x	x	x	x	high - fruits eaten by birds & mammals; cover	purple twigs	excellent
Grey Dogwood <i>Cornus racemosa</i>	d	10'	moderate	x	x	x	x		very high - fruit eaten by grouse and pheasant	small whitish flower cluster, white fruits	very good
Red Osier Dogwood <i>Cornus stolonifera</i>	d	4-8'	fast	x	x		x	x	high - whitish fruit eaten by birds	bright red stems attractive in winter; white flowers	very good
Hazelnut <i>Corylus americana</i>	d	10'	moderate	x	x		x		high - nuts eaten by mammals, grouse, pheasant	edible nuts	fair
Witch Hazel <i>Hamamelis virginiana</i>	d	20-30'	slow	x	x		x		moderate	yellow flowers in autumn after leaves fall	fair
Winterberry Holly <i>Ilex verticillata</i>	d	6-10'	slow	x	x		x	x	high - fruits eaten by flickers, thrushes, cedar waxwings, other birds in winter	attractive bright red berries persist into winter, make excellent holiday decorations	fair
Spicebush <i>Lindera benzoin</i>	d	12'	moderate	x	x		x	x	high - many mammals and birds eat fruits, buds, & twigs; attracts swallowtail butterflies	spicy scented flowers and leaves; shiny red fruits	fair
Bayberry <i>Myrica pennsylvanica</i>	e	6'	slow to moderate		x	x			high - abundant winter fruit	evergreen foliage	good
Chokecherry <i>Prunus virginiana</i>	d	15-25'	moderate	x	x	x	x		moderate - fruits, cover	flowers, fruits, good fall color	fair
Rose-bay rhododendron <i>Rhododendron maximum</i>	d	12'	moderate	x	x		x		moderate - spring flower attracts insects	evergreen foliage; large spring flowers	good
Pinxter Azalea <i>Rhododendron periclymenoides</i>	D	8'	moderate	x	x		x		moderate - spring flower attracts insects	attractive spring flowers	good
Swamp Azalea <i>Rhododendron viscosum</i>	d	5'	moderate	x	x		x	x	low	glossy leaves, very showy white -pink flowers	fair
Winged sumac <i>Rhus copallinum</i>	d	5'	fast		x	x			high - abundant winter fruit	vibrant fall foliage; bright red winter fruits	good

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				full/ part shade	full sun	dry	moist	flood tolerant			
Smooth Sumac <i>Rhus glabra</i>	d	9-15'	fast		x	x			high - fruits	red fruit clusters, orange-red fall color	good
Staghorn Sumac <i>Rhus typhina</i>	d	20'	fast		x	x			very high - fruits late winter survival food for mammals and migrating songbirds; twigs eaten by moose, deer, N E cottontail rabbit	colorful fruit clusters, brilliant fall color; velvet covered branches	good
Wild black Currant <i>Ribes americana</i>	d	6'	moderate		x	x			high - abundant summer fruit	attractive spring flowers; fall foliage	good
Blackberry <i>Rubus allegheniensis</i>	d	6'	fast		x	x	x	x	very high - fruits eaten by over 40 species of birds inc. woodcock, turkey, grouse; also by many mammals	makes good barrier	fair
Pussy Willow <i>Salix discolor</i>	d	20'	fast		x		x	x	moderate - nesting; buds eaten; male flowers attract butterflies	early buds are used in horticultural arrangements	excellent
Willows <i>Salix spp.</i>	d	4-10'	fast		x		x	x	high - provides good cover	foliage	excellent
Elderberry <i>Sambucus canadensis</i>	d	12'	moderate	x	x		x	x	very high - berries an important summer food for songbirds inc. bluebirds, rose- breasted grosbeaks, pileated woodpeckers, thrushes	showy white flower clusters; blue berries; jelly and wine can be made from berries	very good
Meadowsweet <i>Spirea latifolia</i>	d	5'	moderate		x		x		low	white or pale pink flowers	very good
Steeplebush <i>Spirea tomentosa</i>	d	4'	moderate	x	x		x	x	low	spires of pink flowers	very good
Bladdernut <i>Staphylea trifoliata</i>	d	10'	moderate	x	x		x	x	moderate - fruit	unique fall fruits in "bladder"	good
Highbush Blueberry <i>Vaccinium corymbosum</i>	d	6-12'	slow	x	x	x	x	x	high - fruits eaten by birds & mammals; favorite of scarlet tanagers, bluebirds, grouse	flowers, fruits, bright fall color, attractive habit	good
Maple-leaf Viburnum <i>Viburnum acerifolium</i>	d	3-6'	moderate	x	x	x	x		moderate - fruits eaten by birds	fruits, attractive foliage, good fall color	fair
Arrowood <i>Viburnum dentatum</i>	D	10'	Moderate	x	x	x	x	x	high - birds eat fruit	attractive landscape because dense foliage, white flower cluster	good
Nannyberry <i>Viburnum lentago</i>	d	10'	moderate	x	x	x	x		high - fruits remain into winter	fruits, good fall color	good
Blackhaw <i>Viburnum prunifolium</i>	d	10'	moderate	x	x	x	x	x	high - abundant fall fruit	fall foliage	good
American Cranberry bush <i>Viburnum trilobum</i>	d	10'	mod-slow	x	x	x	x	x	high - fruits persist into winter	white flower clusters, scarlet fruits, good fall color	good