



BOWMAN'S HILL WILDFLOWER PRESERVE

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B o w m a n ' s H i l l W i l d f l o w e r P r e s e r v e ' s P l a n t S t e w a r d s h i p I n d e x

Site Information

BHWP List #: 32262
State: NJ
Zip code: 08822
Restoration: No (date: 2003)

Additional Information

Site Name: wickecheoke floodplain 06
Surveyors: Karl anderson
Survey Date: 2006-06-12
Time Spent: 8 hours
Address (1): 292 locktown road
Address (2): flemington
GPS Coordinations: N W

Description

entire property inside deer fence as well as rocky forested ridge outside the fence.
pond area covered as well as focus on wet meadow [sedges blooming]
separate psi will be calculated for wet meadow for mowing management

Plot Information

Plot Code	Plot Description

Site Summary

This list contains 230 plants, of which 77% are native to NJ

Plant Stewardship Index	Total Mean C	Native Mean C	Floristic Quality Index
45.71	3.44	4.38	58.25

Bowman's Hill Wildflower Preserve is extremely grateful to the following persons for contributing their time and expertise so generously in assigning the Coefficients of Conservatism, producing the checklist of species in the database, and other expert assistance. Pennsylvania: Janet Ebert, Jack Holt and Anne Rhoads New Jersey: Karl Anderson, Emile De Vito, Ted Gordon, Tim Halliwell, Linda Kelly, Mary Leck, Bill Olsen, Bill Rawlyk and Kathleen Strokosh Walz And of course for the invaluable guidance and experienced advice of Dr. Gerould Wilhelm and Leslie Jones-Sauer.

Key to Index Header

PA CC	Pennsylvania Piedmont Coefficient of Conservatism
NJ CC	New Jersey Coefficient of Conservatism
N	Native
I	Introduced
na	Not on state list
*	Under consideration, or may not be enough specimen data

Wetland Indicator Definitions (Rhoads and Block)

OBL	Obligate Wetland Species	99%
FACW	Facultative Wetland Species	67-99%
FAC	Facultative Species	34-66%
FACU	Facultative Upland Species	1-33%
UPL	Obligate Upland Species	1%

Rank

NJ Rank		PA Rank	
SX	Extirpated	PE	Endangered
S1	Critically imperiled	PT	Threatened
S2	Imperiled	PR	Rare
S3	Vulnerable	PX	Extirpated
SH	Historic	PV	Vulnerable
.1	Elements documented from a single location	TU	Tentatively Underdetermined

Assignment of Coefficients

0 to 3	Plants with a high range of ecological tolerances/found in a variety of plant communities
4 to 6	Plants with an intermediate range of ecological tolerances/associated with a specific plant community
7 to 8	Plants with a poor range of ecological tolerances/associated with advanced successional state
9 to 10	Plants with a high degree of fidelity to a narrow range of habitats

Methodology

- 1) Compile a plant list of the species within the assessment area.
- 2) Assign the Coefficient of Conservatism (CC) to each plant documented on the plant list.
- 3) Calculate the Native Mean Coefficient value by totaling the CC's and divide the sum by the number of native plant species within the assessed area.
- 4) **OR** Calculate the Total Mean Coefficient value by totaling the CC's and divide by the sum of the total number of plants (native and introduced) within the assessed area.
- 5) Multiply the Native Mean Coefficient **OR** the Total Mean Coefficient by the square root of the total of the number of native plant species

$$FQI = \text{Native Mean C} \times \text{Sqrt N}$$

$$PSI = \text{Total Mean C} \times \text{Sqrt N}$$

$$FQI = \text{Floristic Quality Index}$$

$$PSI = \text{Plant Stewardship Index}$$

$$N = \text{Number of native species}$$

$$I = \text{Number of introduced species}$$

$$\text{Native Mean C} = \text{Sum of Coefficients} / N$$

$$\text{Total Mean C} = \text{Sum of Coefficients} / (N + I)$$

Genus	Epithet	Common Name	NJ List	NJ CC	NJ Rank	Wetlands	Planted	Comments
Acer	rubrum var. rubrum	Red maple	N	3		FAC		Dry to moist woods, swamps and bogs. NJ: throughout.
Acer	saccharum var. saccharum	Sugar maple	N	5		FACU		Moist woods, wooded slopes, ravines and alluvial areas.
Achillea	millefolium	Common yarrow	I	0		FACU		Fields, roadsides and waste ground.
Agrimonia	gryposepala	Agrimony/ Tall Hairy Agrimony	N	4		FACU		Woods, fields and floodplains.
Alliaria	petiolata	Garlic-mustard	I	0		FACU-		Disturbed woods, floodplains and waste ground.
Allium	vineale	Field garlic	I	0		FACU-		Disturbed woods, fields and lawns.
Ambrosia	artemisiifolia	Common ragweed	N	0		FACU		Fields, meadows, cultivated areas, roadsides and waste ground.
Ambrosia	trifida	Giant ragweed	N	2		FAC		Fields, meadows, roadsides and floodplains.
Amphicarpaea	bracteata	Hog peanut	N	4		FAC		Moist woods and alluvium.
Andropogon	virginicus	Broom-sedge	N	2		FACU		Old fields, hillsides and waste ground, in dry, sterile soil.
Anthoxanthum	odoratum	Sweet vernalgrass	I	0		FACU		Open fields, meadows and roadsides.
Apocynum	cannabinum var. cannabinum	Indian-hemp	N	2		FACU		Woods, old fields, sandy flats, limestone bluffs and cindery waste ground.
Arisaema	triphillum ssp. triphyllum	Jack-in-the-pulpit	N	5		FACW-		Moist woods, swamps and bogs.
Arthraxon	hispidus	Grass/ Arthraxon	I	0		FAC		Moist meadows and waste ground.
Asclepias	incarnata ssp. incarnata	Swamp milkweed	N	5		OBL		Swamps, floodplains and wet meadows.
Asclepias	purpurascens	Purple milkweed	N	7		FACU		Dry to moist woods, thickets, fields and roadsides.
Asplenium	platyneuron	Ebony spleenwort	N	3		FACU		Dry to moist, wooded slopes and rock ledges, in subacidic soils.
Athyrium	filix-femina var. angustum	Lady fern	N	7		FAC		Damp woods, swamps and thickets, in subacidic soils.
Barbarea	vulgaris var. vulgaris	Common wintercress	I	0		FACU		Moist, open ground.
Berberis	thunbergii	Japanese barberry	I	0		N		Disturbed woods, roadsides and hedgerows.
Bidens	frondosa	Beggar-ticks	N	2		FACW		Moist, open ground, stream banks and roadsides.
Bidens	polylepis	Tickseed-sunflower	N	1		FACW		Moist fields, vacant lots and roadsides.
Boehmeria	cylindrica	False Nettle	N	5				
Bromus	inermis	Smooth brome/Hungarian Brome	I	0		N		Fields, roadsides and waste ground.
Callitriche	heterophylla	Water-starwort; larger water starwort	N	3		OBL		Ponds, slow-running streams and muddy shores.
Calystegia	sepium	Hedge bindweed	N	5		FAC-		Waste ground, fields and woods edges.
Campsis	radicans	Trumpet-vine; trumpet creeper	N	3		FAC		River banks, roadside thickets and fencerows, also occasionally escaped from cultivation.
Cardamine	concatenata	Toothwort; cut-leaved toothwort	N	7		FACU		Rich, deciduous woods.
Carex	annectens	Sedge; yellow fruited sedge	N	3		FACW		Dry to moist woods, fields and ditches.
Carex	blanda	Sedge; woodland sedge	N	6		FAC		Dry to moist woods, thickets and meadows.
Carex	complanata	Flattened sedge	N	7				NJ: Coastal plain.

Genus	Epithet	Common Name	NJ List	NJ CC	NJ Rank	Wetlands	Planted	Comments
Carex	crinita var. crinita	Short hair sedge; fringed sedge	N	5		OBL		Moist to wet woods, thickets, marshes, ditches and stream banks.
Carex	festucacea	Sedge; Fescue sedge	N	7		FAC		Moist, open woods or thickets.
Carex	grayi	Sedge; Gray's sedge	N	8		FACW+		Swamps and wet woods.
Carex	grisea	Sedge	N	6		FAC		Dry to moist woods, meadows and swales.
Carex	lurida	Sedge; sallow sedge	N	4		OBL		Swamps, bogs and wet meadows.
Carex	platyphylla	Broad-leaf sedge	N	10		N		Rich woods and wooded slopes.NJ: Limestone rocky woods.
Carex	radiata	Sedge; stellate sedge	N	7		N		Dry to moist woods southern NJ
Carex	scoparia	Broom sedge; pointed broom sedge	N	3		FACW		Moist to dry, open ground.
Carex	squarrosa	Sedge/ squarrose sedge	N	5		FACW		Swamps and wet woods.
Carex	stipata var. stipata	Sedge/ awl-fruited sedge	N	3		N		Wet meadows and swampy woods.
Carex	swanii	Sedge/ swan's sedge	N	6		FACU		Dry woods, meadows and fields.
Carex	typhina	Cat-tail sedge	N	8	S3	FACW+		Calcareous swamps, wet woods and swales.
Carex	vulpinoidea var. vulpinoidea	Sedge/ fox sedge	N	4		OBL		Moist meadows, fields and roadside ditches.
Carpinus	caroliniana	Hornbeam; ironwood	N	7		FAC		Rich, moist woods and stream edges.NJ: Floodplains.
Carya	glabra	Pignut hickory	N	7		FACU-		Upland woods, dry ridge tops and slopes.
Carya	ovata	Shagbark hickory	N	7		FACU		Low, moist woods and slopes, in rich soil.
Carya	tomentosa	Mockernut hickory	N	5		FACU		Moist, open woods and slopes.
Centaurea	maculosa	Bushy knapweed	I	0		N		Woods, fields, roadsides and shale barrens.
Cephalanthus	occidentalis	Buttonbush	N	6		OBL		Low wet ground, swamps, bogs and lake edges.
Cerastium	vulgatum	Common mouse-ear chickweed	I	0				
Chelone	glabra	Turtlehead	N	7		OBL		Stream banks, wet woods and swamps.
Chrysanthemum	leucanthemum	Ox-eye daisy	I	0		N		Fields, woods, meadows and roadsides.
Cichorium	intybus	Blue chicory	I	0		N		Fields, roadsides and waste ground.
Cicuta	maculata var. maculata	Beaver-poison/ water hemlock	N	5		OBL		Swamps, marshes, wet meadows, stream banks and ditches.
Cimicifuga	racemosa	Black snakeroot	N	9		N		Rich woods.
Circaea	lutetiana ssp. canadensis	Enchanter's-nightshade	N	6		FACU		Rocky, upland woods, damp woods and floodplains.
Cirsium	arvense var. arvense	Canada thistle	I	0		FACU		Fields, pastures, roadsides and waste ground.
Cirsium	discolor	Field thistle	N	1		UPL		Abandoned fields, open hillsides and roadside banks.
Cirsium	muticum	Swamp thistle	N	8		OBL		Swamps, bogs, stream banks and wet meadows.
Claytonia	virginica	Spring-beauty	N	5		FAC		Moist woods and meadows, frequently on alluvial soils.
Collinsonia	canadensis	Horse balm	N	9		FAC+		Rich woods and wooded floodplains.
Commelina	communis var. communis	Asiatic dayflower	I	0		FAC-		Gardens, woods, roadsides, stream banks and disturbed ground.

Genus	Epithet	Common Name	NJ List	NJ CC	NJ Rank	Wetlands	Planted	Comments
Cornus	amomum ssp. amomum	Kinnikinnik; silky dogwood	N	5		FACW		Moist woods, meadows, old fields and swamps.
Cornus	florida	Flowering dogwood	N	5		FACU-		Rich, moist woods and woods edges.
Cuscuta	gronovii var. gronovii	Common dodder	N	3		N		Parasitic on a wide range of woody and herbaceous plants of low, wet habitats.
Dactylis	glomerata	Orchardgrass	I	0		FACU		Fields, meadows and roadsides.
Danthonia	compressa	Northern oatgrass/Flattened Wild Oat-grass	N	7		FACU-		Dry, rocky woods and clearings.
Daucus	carota	Queen Anne's-lace	I	0		N		Roadsides, old fields, gardens and waste ground.
Desmodium	canadense	Showy tick-trefoil	N	4		FAC		Open woods.
Desmodium	paniculatum	Tick-trefoil	N	4		UPL		Clearings and edges of moist or dry woods.
Dichanthelium	clandestinum	Deertongue Grass	N	3				
Dichanthelium	dichotomum var dicotomum	Cypress Panic-grass	N	8				NJ: Moist, sandy soils
Dichanthelium	villosissimum	White-haired Panic-grass	N	7				NJ: Sandy, disturbed, woods edges
Dioscorea	villosa	Wild yam	N	7		FAC+		Woods, thickets and rocky slopes.
Dryopteris	carthusiana	Spinulose wood fern	N	5		FAC+		Moist to wet woods and swamps.
Elaeagnus	umbellata	Autumn-olive	I	0		N		Planted by the Game Commission and extensively naturalized in old fields and abandoned pastures.
Eleocharis	tenuis var. tenuis	Spike-rush	N	3		FACW+		Moist fields, swamps, bogs and wet ditches.
Elymus	hystrix	Bottlebrush-grass	N	5		N		Moist, alluvial woods.NJ: floodplains.
Eragrostis	spectabilis	Purple lovegrass	N	1		UPL		Dry, sandy fields and roadsides.
Erigeron	annuus	Daisy fleabane	N	0		FACU		Fields, roadsides and waste ground.
Erigeron	philadelphicus	Daisy fleabane/ philadelphia fleabane	N	2		FACU		Woods, edges, fields, roadsides and lawns.
Erythronium	americanum	Yellow trout-lily	N	5		N		Moist woods, bottomlands and meadows.
Euonymus	alatus	Winged euonymous	I	0		N		Cultivated and occasionally naturalized in disturbed woods, stream banks, fencerows and edges.
Eupatorium	fistulosum	Joe-pye-weed/ hollow-stemmed joe-pye weed	N	5		FACW		Floodplains, meadows, moist thickets and roadsides.
Eupatorium	perfoliatum	Boneset	N	3		FACW+		Floodplains, swamps, bogs, stream banks and wet meadows.
Eupatorium	rugosum	White-snakeroot	N	3		N		Woods, meadows and roadsides.
Eurybia	divaricata	White wood aster	N	4		N		Woods.
Euthamia	graminifolia var. graminifolia	Grass-leaved goldenrod	N	1		FAC		Fields, roadsides, moist ditches or shores.
Fagus	grandifolia	American beech	N	8		FACU		A dominant tree of mature forests on moist, rich soils.
Festuca	elatior	Fescue/Tall Fescue	I	0		FACU-		Roadsides, fields and open ground.
Festuca	subverticillata	Nodding fescue	N	8				NJ woodlands
Fragaria	virginiana ssp. virginiana	Wild strawberry	N	2		FACU		Woods, meadows, old fields and other dry, open ground.
Fraxinus	americana var. americana	White ash	N	7		FACU		Woods, fencerows and old fields.

Genus	Epithet	Common Name	NJ List	NJ CC	NJ Rank	Wetlands	Planted	Comments
Galium	aparine	Bedstraw/ Cleavers	N	1		FACU		Woods, stream banks, wooded slopes and roadsides.
Galium	circaezans var. circaezans	Wild licorice	N	8		UPL		Rich woods and wooded, calcareous slopes.
Geranium	maculatum	Wood geranium	N	4		FACU		Rich woods, roadsides and fields.
Geum	aleppicum	Yellow avens	N	9		FAC		Woods, moist fields, swamps, and roadsides.
Glechoma	hederacea	Gill-over-the-ground	I	0		FACU		Fields, disturbed woods, roadsides, gardens and waste ground.
Glyceria	striata	Fowl mannagrass	N	3		OBL		Wet woods, swamps and bogs.
Hamamelis	virginiana	Witch-hazel	N	7		FACU+		Rich, rocky woods.
Helenium	autumnale	Common sneezeweed	N	5		FACW+		Swamps, moist river banks, alluvial thickets and wet fields.
Helianthus	decapetalus	Thin-leaved sunflower	N	4		FACU		Fields, moist bottomlands, stream banks and roadsides.
Hibiscus	moscheutos	Rose-mallow	N	5		OBL		Swamps, marshes and ditches, in shallow water.
Hieracium	caespitosum	King-devil	I	0		N		Woods, fields and roadsides.
Hieracium	piloselloides	King-devil/ glaucous king devil	I	0		N		Dry fields, meadows and roadsides.
Holcus	lanatus	Velvetgrass	I	0		FACU		Meadows, old fields, river shores and roadsides.
Hypericum	perforatum	St. John's-wort	I	0		N		Fields, roadsides and waste places.
Hypericum	punctatum	Spotted St. John's-wort	N	1		FAC-		Moist fields, floodplains, thickets and roadsides.
Ilex	verticillata	Winterberry	N	5		FACW+		Swamps, bogs, moist woods and wet shores.
Impatiens	capensis	Jewelweed; spotted touch-me-not	N	2		FACW		Moist meadows, swamps and stream banks.
Iris	versicolor	Northern blue flag	N	5		OBL		Wet meadows, bogs and marshes.
Juglans	nigra	Black walnut	N	2		FACU		Open woods and meadows in moist, rich, alluvial soils.
Juncus	effusus	Common rush	N	1				
Juncus	tenuis var. tenuis	Path rush	N	1		FAC-		Moist to dry, often heavily compacted soil of woods, fields, waste ground and paths.
Juniperus	virginiana	Eastern red-cedar	N	2		FACU		Old fields, serpentine barrens and other moist to dry, sterile soils.
Krigia	biflora	Dwarf dandelion/ two-flowered cynthia	N	3		FACW		Fields, meadows, woods and sandy banks.
Lactuca	canadensis var. canadensis	Wild lettuce	N	2		FACU-		Meadows, fields, rocky hillsides and roadside banks.
Leersia	virginica	Cutgrass/White grass	N	3		FACW		Swamps or moist woods.
Lindera	benzoin	Spicebush	N	5		FACW-		A common component of moist, rich woods.
Liriodendron	tulipifera	Tuliptree	N	5		FACU		A common forest tree of rich woods.
Lobelia	cardinalis	Cardinal-flower	N	5		FACW+		Wet meadows, swamps, ditches, stream banks and lake shores.
Lobelia	inflata	Indian-tobacco	N	2		FACU		Woods, old fields, meadows and roadsides.
Lobelia	siphilitica	Great blue lobelia	N	4		FACW+		Swamps, moist meadows, stream banks and ditches.
Lolium	perenne	Perennial ryegrass	I	0		FACU-		Cultivated and frequently escaped.

Genus	Epithet	Common Name	NJ List	NJ CC	NJ Rank	Wetlands	Planted	Comments
Lonicera	japonica var. japonica	Japanese honeysuckle	I	0		FAC-		Disturbed woods, fields, thickets, banks and roadsides.
Ludwigia	alternifolia	False loosestrife/Seedbox	N	3		FACW+		Swampy fields and wet woods.
Ludwigia	palustris	Marsh-purslane	N	1		OBL		Swamps, moist meadows, muddy shores, stream banks and ditches.
Lycopus	americanus var longii	Water-horehound	N	4	S2S3	OBL		Shaded hillsides, fields, moist thickets, wet ditches and swamps.
Lysimachia	terrestris	Swamp-candles/ Swamp Loosestrife	N	3		OBL		Swamps and bogs.
Maianthemum	racemosum	False Solomon's Seal	N	5				
Menispermum	canadense	Moonseed	N	6		FACU		Moist ground of stream banks and edges.
Microstegium	vimineum	Stiltgrass	I	0		FAC		Moist ground of open woods, thickets, paths, clearings, fields and gardens.
Mimulus	ringens	Allegheny monkey-flower/ Square-stemmed Monkey-flower	N	5		OBL		Wet, open ground of swamps, meadows and shores.
Muhlenbergia	schreberi	Dropseed/Nimblewill	N	1		FAC		Woods, thickets and waste ground.
Oenothera	biennis	Evening-primrose	N	1		FACU-		Cultivated fields, waste ground and roadsides.
Onoclea	sensibilis	Sensitive fern	N	2		FACW		Marshes, swamps, moist open woods and wet meadows, in subacidic soils.
Ostrya	virginiana	Hop-hornbeam	N	7		FACU-		Dry, wooded slopes, often on calcareous soils.
Oxalis	stricta	Common yellow wood-sorrel	N	0		UPL		Lawns, gardens and fields.
Paronychia	canadensis	Forked chickweed	N	5		N		Open woods, in dry rocky or sandy soil.
Parthenocissus	quinquefolia	Virginia-creeper	N	1		FACU		Woods, fields and edges.
Paspalum	laeve	Field Beadgrass	N	4				
Penstemon	digitalis	Tall white beard-tongue/ Foxglove Beardtongue	N	3		FAC		Meadows, old fields and roadsides.
Phleum	pratense	Timothy	I	0		FACU		Fields, meadows and roadsides.
Phlox	paniculata	Summer phlox	N	3		FACU		Thickets, hillsides and stream banks, often in calcareous soils.
Phryma	leptostachya	Lopseed	N	8				
Physalis	heterophylla	Clammy ground-cherry	N	1		N		Fields, sandy or cindery open ground and cultivated areas.
Plantago	lanceolata	English plantain	I	0		UPL		Lawns, roadsides, old fields, clearings and waste ground.
Plantago	major	Broad-leaved plantain	I	0		FACU		Lawns, gardens, roadsides, railroad embankments and waste ground.
Platanthera	lacera	Ragged fringed-orchid	N	8		FACW		Open woods, moist meadows, bogs and ditches.
Platanus	occidentalis	Sycamore	N	4		FACW-		Stream banks, low woods, floodplains and alluvial soils.
Poa	compressa	Canada bluegrass	I	0		FACU		Dry woods, fields and rock outcrops.
Poa	pratensis	Kentucky bluegrass	I	0		FACU		Cultivated and widely naturalized in meadows, roadsides, open woods and waste ground.
Poa	trivialis	Rough bluegrass	I	0		FACW		Cultivated and frequently established in wet meadows, swamps and alluvial woods.

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Podophyllum	peltatum	Mayapple	N	6		N		Moist woods.
Polygonatum	pubescens	Solomon's-seal	N	8		N		Wooded slopes, stream banks and fields.
Polygonum	arifolium	Halberd-leaf tearthumb	N	6		OBL		Wet woods, boggy thickets, swamps, wet meadows and ditches.
Polygonum	caespitosum	Cespitose Knotweed	I	0				
Polygonum	sagittatum	Tearthumb/ Arrow-leaved tearthumb	N	5		OBL		Low moist ground, vernal ponds, bogs, swamps or marshes.
Polygonum	virginianum	Jumpseed	N	4		FAC		Moist open woods, floodplains and roadsides.
Polystichum	acrostichoides	Christmas fern	N	7		N		Shaded slopes and well-drained flats, in subacidic to circumneutral soils.
Potentilla	canadensis	Cinquefoil/ Dwarf Cinquefoil	N	2		N		Dry, open woods and fields.
Potentilla	simplex	Old-field cinquefoil/ Common Cinquefoil	N	2		FACU-		Dry woods, fields, meadows and roadsides.
Prenanthes	alba	Rattlesnake-root; white rattlesnake-root	N	6		FACU		Rocky woods, barrens and roadsides.
Prunella	vulgaris ssp. vulgaris	Heal-all	I	0		FACU+		Moist fields and fencerows.
Prunus	avium	Sweet cherry	I	0		N		Woods margins and fencerows.
Pycnanthemum	virginianum	Mountain-mint	N	4		FAC		Boggy fields, swamps and moist woods.
Quercus	alba	White oak	N	4		FACU		A dominant forest tree on dry to moist sites.
Quercus	bicolor	Swamp white oak	N	7		FACW+		Low, moist forests and wooded swamps.
Quercus	palustris	Pin oak	N	3		FACW		Low, moist or seasonally wet woods or swamps.
Quercus	rubra	Northern red oak	N	7		FACU-		A dominant forest tree on moist to dry sites.
Quercus	velutina	Black oak	N	6		N		A dominant forest tree on moist to dry soils.
Ranunculus	abortivus	Kidney-leaf Buttercup	N	1				
Ranunculus	repens	Creeping buttercup	I	5	SH	FAC		Wet, open ground, ditches and swales.
Rhus	typhina	Staghorn sumac	N	2		N		Dry, open soil of old fields, roadsides and woods edges.
Rosa	carolina	Pasture rose	N	4		UPL		Fields, rocky banks, shale barrens and other dry, open ground.
Rosa	multiflora	Multiflora rose	I	0		FACU		Disturbed woods, pastures, old fields, roadsides and thickets.
Rubus	allegheniensis	Common blackberry/ Allegheny Blackberry	N	3		FACU-		Old fields, open woods and clearings.
Rubus	flagellaris	Prickly dewberry/ Norther Dewberry	N	2		FACU		Rocky or shaly slopes, cliffs and fields.
Rubus	occidentalis	Black-cap/ Black Raspberry	N	1		N		Sandy or rocky woods, wooded slopes and thickets.
Rubus	phoenicolasius	Wineberry	I	0		N		Roadsides, banks and thickets.
Rudbeckia	hirta var. hirta	Black-eyed-susan	na			FACU-		Fields, meadows and roadsides.
Rumex	acetosella	Sheep sorrel	I	0		UPL		Fields, lawns, waste places and shale barrens, in acidic soils.
Rumex	crispus	Curly dock	I	0		FACU		Cultivated fields, roadsides and waste ground.
Sambucus	canadensis	American elder	N	2		FACW		Woods, fields, stream banks and moist roadsides.
Sanguinaria	canadensis	Bloodroot	N	8		UPL		Rich woods and roadside banks.

Genus	Epithet	Common Name	NJ List	NJ CC	NJ Rank	Wetlands	Planted	Comments
Sassafras	albidum	Sassafras	N	2		FACU-		Old fields, hedgerows and woods edges.
Scirpus	atrovirens	Black bulrush; dark green bulrush	N	3		OBL		Moist meadows, marshes, bogs, pond and lake margins and stream banks.
Scirpus	cyperinus	Wool-grass	N	2		FACW+		Marshes, moist meadows, swamps, shores and ditches.
Scutellaria	integrifolia	Hyssop skullcup	N	4		FACW		Swamps, bogs and moist woods or fields.
Scutellaria	lateriflora	Mad-dog skullcap	N	4		FACW+		Wet woods, bogs, lake margins, river banks, floodplains and swampy pastures.
Sedum	ternatum	Wild stonecrop	N	9		N		Rocky banks, cliffs and woods.NJ: Piedmont, Wickecheoke floodplain.
Sisyrinchium	angustifolium	Blue-eyed-grass	N	5		FACW-		Damp soil of meadows, floodplains, fields and open woods.
Smilax	rotundifolia	Catbrier/ Common Greenbrier	N	2		FAC		Moist to dry woods, thickets, roadsides, old fields and serpentine barrens.
Solidago	rugosa var. rugosa	Wrinkle-leaf goldenrod	N	2		FAC		Fields, woods, floodplains, thickets, roadsides and waste ground.
Solidago	caesia var. caesia	Bluestem goldenrod	N	6		FACU		Rich woods.
Solidago	canadensis var. canadensis	Canada goldenrod	N	2		FACU		Fields and roadsides.
Solidago	flexicaulis	Zigzag goldenrod	N	7		FACU		Moist woods and rocky, wooded slopes.NJ: North.
Solidago	gigantea var. gigantea	Smooth goldenrod	N	3		FACW		Moist fields, swamps, marshy shores and swales.
Solidago	juncea	Early goldenrod	N	2		N		Fields, meadows, rocky slopes and roadsides.
Sorghastrum	nutans	Indian-grass	N	7		UPL		Moist or dry fields, roadsides and serpentine barrens.
Stellaria	graminea	Lesser stitchwort	N	3		FACU-		Swampy woods, moist meadows, stream banks or moist shores.
Symphotrichum	racemosum	Small white aster	N	3		FAC		Low meadows, floodplains and swamps.
Taraxacum	officinale	Common dandelion	I	0		FACU-		Fields, roadsides, lawns, gardens and waste ground.
Thalictrum	pubescens	Tall meadow-rue	N	5		FACW+		Wet meadows, low open woods and swamps.
Thalictrum	thalictroides	Rue anemone	syn	7		FACU-		Rich woods.
Thelypteris	noveboracensis	New York fern	N	3		FAC		Moist woods, thickets and swamps, in humus-rich, moderately acidic soils.
Tilia	americana	Basswood	N	7				NJ: Rich woods, Hunterdon>
Toxicodendron	radicans	Poison-ivy	N	1		FAC		Open woods, roadside thickets, fencerows and edges.
Trifolium	aureum	Large yellow hop-clover	I	0		N		Roadsides, dry fields and waste places.
Trifolium	dubium	Little hop-clover	I	0		UPL		Dry roadsides, old sand pits and lawns.
Trifolium	hybridum	Alsike clover	I	0		FACU-		Roadsides, clearings and fields.
Trifolium	pratense	Red clover	I	0		FACU-		Widely grown as a forage plant, also extensively naturalized on roadsides, pastures and fields.
Trifolium	repens	White clover	I	0		FACU-		Roadsides, meadows, old fields and lawns.

Genus	Epithet	Common Name	NJ List	NJ CC	NJ Rank	Wetlands	Planted	Comments
Ulmus	americana	American elm	N	6		FACW-		Stream banks and floodplains, in rich, alluvial soil.
Uvularia	sessilifolia	Bellwort	N	6		FACU-		Moist, rich woods.
Verbena	hastata	Blue vervain	N	3		FACW+		Moist thickets, floodplains, wet ditches and roadsides.
Vernonia	noveboracensis	New York ironweed	N	4		FACW+		Stream banks and wet fields, pastures or meadows.
Veronica	arvensis	Corn speedwell	I	0		N		Woods, roadside banks, meadows and lawns.
Veronica	officinalis	Common speedwell	I	0		FACU-		Woods, roadsides and shale barrens.
Viburnum	dentatum	Southern arrow-wood	N	5		FAC		Swamps and wet woods.
Viburnum	prunifolium	Black-haw	N	5		FACU		Woods, old fields, thickets and roadsides.
Vinca	minor	Common periwinkle	I	0		N		Cultivated and occasionally naturalized in woods, fields and on roadside banks.
Viola	cucullata	Blue marsh violet/ Marsh Violet	N	10		FACW+		Swamps, bogs and wet meadows.
Viola	pubescens	Yellow Forest Violet	N	7				NJ: Rich woods, a little drier woods.
Viola	sororia var. sororia	Common blue violet/ Confederate Violet	N	2		FAC-		Meadows and woods.
Vitis	labrusca	Fox grape	N	7		FACU		Rocky woods, moist thickets and stream banks.
Vitis	riparia	Frost grape/ Riverbank Grape	N	4		FACW		River banks and alluvial thickets.
Vitis	vulpina	Frost grape	N	4		FAC		Woods, thickets, rocky slopes, roadsides and sand dunes.
Wolffia	punctata	Dotted Wolffia	N	4				NJ: Stagnant waters.