

Plant Checklist from

An Old Man's Walk in Cold Spring Park

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Note: This list is limited to species noted close to the walking trails in the park during July 2005.
Nomenclature from Schmid, James A. and John T. Kartesz, Checklist and Synonymy of Higher Plants in New Jersey and Pennsylvania with Special Reference to Habit and Wetland Indicator Status.

SCIENTIFIC NAME:

The scientific names are listed alphabetically by each genus. Initials or name abbreviations represent the botanist(s) who have provided the accepted scientific name for the genus and species. A question mark signifies uncertainty of identification by the investigator.

FAMILY: All plant family names end with the suffix – aceae

HABIT: These letters indicate:

N = Indigenous to the state

I = Introduced species

A = Annual

B = Biennial

P = Perennial

F = Forb (herb)

F3 = Fern

G = Grass

S = Shrub

T = Tree

\$ = Succulent

W = Woody

WETLAND INDICATOR STATUS: (As developed by the Fish and Wildlife Service, Dept. of Interior)

OBL = almost always found in wetlands (99% probability)

FACW = a wet facultative (estimated 67-99% probability in wetlands)

FAC = straight facultative – equally likely to be found in wetlands or uplands (34%-66%)

FACU = dry facultative – usually found in uplands (1% - 33% probability)

U or UPL = almost always found in uplands (1% probability in wetlands)

NAME	FAMILY	HABITAT	WETLAND STATUS
Acer platanoides Norway Maple	Aceraceae	IT	U
Acer rubrum L. Red Maple	Aceraceae	NT	FAC
Achillea mi folium Common Yarrow	Asteraceae	IPF	FACU
Aesculus hippocastanum L. Horse-chestnut	Hippocastanaceae	IT	U
Ailanthus altissima (P.Mill.) Swingle Tree-of-heaven	Simaroubaceae	IT	U
Alliaria petiolata (Bieb.) Cavara & Grande Garlic-mustard	Brassicaceae	IBF	FACU-
Alnus rugo: (Du Roi) Spreng. Speckled Alder	Betulaceae	NT	FACW+
Ambrosia artemisiifolia L. Annual Ragweed	Asteraceae	NAF	FACU
Amelanchier canadensis (L.) Medic. Canadian Service-berry	Rosaceae	NS	FAC
Aquilegia canadensis L. Red Columbine	Ranunculaceae	NPF	FAC
Aralia hispida Vent. Bristly Sarsaparilla	Araliaceae	NPF	U
Aralia nudicaulis L. Wild Sarsaparilla	Araliaceae	NPF	FACU
Arctium minus (Hill) Bernh. Lesser Burdock	Asteraceae	IBF	U
Asclepias syriaca L. Common Milkweed	Asclepiadaceae	NPF	U
Aster cordifolius L. Common Blue Wood Aster	Asteraceae	NPF	U

NAME	FAMILY	HABITAT	WETLAND STATUS
Berberis vulgaris L. European Barberry	Berberidaceae	IS	FACU
Bidens frondosa L. Devil's-pitchfork	Asteraceae	NAF	FACW
Capsella bursa-pastoris (L.) Medic. Shepherd's-purse	Brassicaceae	IAF	FACU
Castanea dentata (Marsh.) Borkh. American Chestnut	Fagaceae	NT	U
Celastrus scandens L. American Bittersweet	Celastraceae	NSWV	FACU-
Chelidonium majus L. Greater Celandine	Papaveraceae	IBF	F
Chenopodium album L. Lamb's-quarters	Chenopodiaceae	IAF	FACU+
Cichorium intybus L. Chicory	Asteraceae	IPBF	U
Circaea lutetiana L. Broad Enchanter's-nightshade	Onagraceae	NPF	FACU
Cirsium arvense (L.) Scop. Canada Thistle	Asteraceae	IPF	FACU
Commelina communis L. Asiatic Dayflower	Commelinaceae	IAF	FAC-
Convallaria majalis L. European Lily-of-the-valley	Liliaceae	IPF	U
Cornus florida L. Flowering Dogwood	Cornaceae	NT	FACU-
Corylus cornuta Marsh. Beaked Hazelnut	Betulaceae	NS	FACU-
Daucus carota L. Queen Anne's-lace	Apiaceae	IBF	U

NAME	FAMILY	HABITAT	WETLAND STATUS
Dianthus armeria L. Deptford Pink	Caryophyllaceae	IBAF	U
Dryopteris carthusiana (Vill.) H.P. Fuchs Spinlose Shield Fern	Dryopteridaceae	N*F3	FAC+
Evonymus alata (Thunb.) Regel Winged Spindletree	Celastraceae	IS	U
Evonymus europaea L. European Spindletree	Celastaceae	IS	U
Fragaria vesca L. Woodland Strawberry	Rosaceae	IPF	U
Galinsoga parviflora Cav. Gallant-soldier	Asteraceae	IAF	U
Gaultheria procumbens L. Wintergreen	Ericaceae	NS	FACU
Geum canadense Jacq. White Avens	Rosaceae	NPF	FACU
Hamamelis virginiana L. American Witch-hazel	Hamamelidaceae	NST	FAC-
Hedera helix L. English-ivy	Araliaceae	IWV	U
Hieracium canadense Michx. Canadian Hawkweed	Asteraceae	NPF	U
Hypericum perforatum L. Common St. Johns-wort	Clusiaceae	IPF	U
Impatiens capensis Meerb. Jewelweed	Balsaminaceae	NAF	FACW
Juncus tenuis Willd. Poverty Rush	Juncaceae	NPGL	FAC-
Kalmia latifolia L. Mountain-laurel	Ericaceae	NST	FACU

NAME	FAMILY	HABITAT	WETLAND STATUS
Lactuca canadensis L. Florida Blue Lettuce	Asteraceae	NBAF	FACU-
Lemna minor L. Common Duckweed	Lemnaceae	NPF	OBL
Leucanthemum vulgare Lam. Oxeye-daisy	Asteraceae	IPF	U
Ligustrum vulgare L. European Privet	Oleaceae	IS	FACU
Linaria vulgaris P. Mill. Greater Butter-and-eggs	Scrophulariaceae	IPF	U
Lolium perenne L. Perennial Rye Grass	Poaceae	IPG	FACU-
Lonicera japonica Thunb. Japanese Honeysuckle	Caprifoliaceae	ISWV	FAC-
Lupinus perennis L. Sundial Lupine	Fabaceae	NPF	F
Lythrum salicaria L. Purple Loosestrife	Lythraceae	IPH	FACW+
Maianthemum canadense Desf. False Lily-of-the-valley	Liliaceae	NPF	FAC
Maianthemum racemosum (L.) Desf. Feathery False Solomon's-seal	Lilaceae	NPF	FACU-
Malus sylvestris (L.) P. Mill. Apple	Rosaceae	IT	U
Melilotus albus Medic. White Sweet-clover	Fabaceae	IABF	FACU-
Melilotus officinalis (L.) Pallas Yellow Sweet-clover	Fabaceae	IBAF	FACU-
Microstegium vimineum (Trin.) A. Camus Nepalese Browntop	Poaceae	I*G	FAC

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Mollugo verticillata L. Green Carpetweed	Molluginaceae	IAF	FAC
Monotropa uniflora L. One-flower Indian-pipe	Monotropaceae	NP-\$F	FACU-
Morus alba L. White Mulberry	Moraceae	IT	FACU
Nyssa sylvatica Marsh. Black gum	Nyssaceae	NT	FAC
Oenothera biennis L. Common Evening-primrose	Onagraceae	NBF	FACU-
Onoclea sensibilis L. Sensitive Fern	Dryopteridaceae	NPEF3	FACW
Osmunda cinnamomea L. Cinnamon Fern	Osmundaceae	NPEF3	FACW
Oxalis stricta L. Upright Yellow Wood-sorrel	Oxalidaceae	NPF	U
Pachysandra terminalis Sieb. & Zucc. Japanese-spurge	Buxaceae	IPF	U
Parthenocissus quinquefolia (L.) Planch Virginia-creeper	Vitaceae	NWV	FACU
Phytolacca americana L. American Pokeweed	Phytolaccaceae	NPF	FACU+
Pilea pumila (L.) Gray Canadian Clearweed	Urticaceae	NAF	FACW
Pinus strobus L. Eastern White Pine	Pinaceae	NT	FACU
Plantago lanceolata L. English Plantain	Plantaginaceae	IPBAF	UPL
Plantago major L. Great Plantain	Plantaginaceae	IPF	FACU

NAME	FAMILY	HABITAT	WETLAND STATUS
? <i>Platanthera hyperborea</i> (L.) Lindl Northern Green Orchid	Orchidaceae	NPF	FACW
<i>Platanus occidentalis</i> L. American Sycamore	Platanaceae	NT	FACW-
<i>Polygonat biflorum</i> (Walt.) Ell King Solomon's-seal	Liliaceae	NPF	FACU
<i>Polygonum aviculare</i> L. Yard Knotweed	Polygonaceae	IAPF	FACU
<i>Polygonum cuspidatum</i> Sieb. & Zucc. Japanese Knotweed	Polygonaceae	IPF	FACU-
<i>Polygonum persicaria</i> L. Lady's-thumb	Polygonaceae	IAF	FACW
<i>Populus deltoides</i> Bart. Ex Marsh Eastern Cottonwood	Salicaceae	NT	FAC
<i>Potentilla argentea</i> L. Silver-leaf Cinquefoil	Rosaceae	IPF	UPL
<i>Potentilla canadensis</i> L. Dwarf Cinquefoil	Rosaceae	NPF	U
<i>Potentilla norvegica</i> L. Norwegian Cinquefoil	Rosaceae	IABPF	FACU
<i>Prunella vulgaris</i> L. Common Selfheal	Lamiaceae	IPF	FACU+
<i>Prunus serotina</i> Ehrh. Black Cherry	Rosaceae	NT	FACU
<i>Quercus alba</i> L. Northern White Oak	Fagaceae	NT	FACU-
<i>Quercus rubra</i> L. Northern Red Oak	Fagaceae	NT	FACU-

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? <i>Ranunculus sceleratus</i> L. Cursed Crowfoot	Ranunculaceae	NPF	OBL
<i>Rhamnus cathartica</i> L. European Buckthorn	Rhamnaceae	ITS	UPL
<i>Rhus hirta</i> (L.) Sudworth Stag-horn Sumac	Anacardiaceae	NST	U
<i>Robinia pseudoacacia</i> L. Black Locust	Fabaceae	NT	FACU-
<i>Rubus allegheniensis</i> Porter ex Bailey Allegheny Blackberry	Rosaceae	NS	FACU-
<i>Rudbeckia hirta</i> L. Black-eyed-Susan	Asteraceae	NPBF	FACU-
<i>Rumex acetosella</i> L. Common Sheep Sorrel	Polygonaceae	IPF	UPL
<i>Rumex crispus</i> L. Curly Dock	Polygonaceae	IPF	FACU
<i>Sagina procumbens</i> L. Bird-eye Pearlwort	Caryophyllaceae	IPF	FACW-
<i>Salix babylonica</i> L. Weeping Willow	Salicaceae	IT	FACW-
<i>Sambucus canadensis</i> L. American Elderberry	Caprifoliaceae	NS	FACW-
<i>Sassafras albidum</i> (Nutt.) Nees Sassafras	Lauraceae	NT	FACU-
<i>Solanum dulcamara</i> L. Climbing Nightshade	Solanaceae	IPF	FAC-
<i>Solidago caesia</i> L. Wreath Goldenrod	Asteraceae	NPF	FACU
<i>Sorbaria sorbifolia</i> (L.) A. Braun False Spiraea	Rosaceae	IS	U

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Stellaria media (L.) Vill. Common Chickweed	Caryophyllaceae	IAPF	UPL
Symphoricarpos albus (L.) Blake Common Snowberry	Caprifoliaceae	NS	FACU-
Tanacetum vulgare L. Common Tansy	Asteraceae	IPF	U
Taraxacum officinale Weber ex Wiggers Common Dandelion	Asteraceae	IPF	FACU-
Thelypteris noveboracensis (L.) Nieuwl. New York Fern	Thelypteridaceae	NPF3	FAC
Tilia americana L. American Basswood	Tiliaceae	NT	FACU
Toxicodendron radicans (L.) Kuntze Eastern Poison-ivy	Anacardiaceae	NWVS	FAC
Trifolium arvense L. Rabbit-foot Clover	Fabaceae	IAF	U
Trifolium hybridum L. Aliske Clover	Fabaceae	IPF	FACU-
Trifolium pratense L. Red Clover	Fabaceae	IBPF	FACU-
Trifolium pratense L. White Clover	Fabaceae	IPF	FACU-
Tsuga canadensis (L.) Carr. Eastern Hemlock	Pinaceae	NT	FACU
? Ulmus americana L. American Elm	Ulmaceae	NT	FACW-
Ulmus rubra Muhl. Slippery Elm	Ulmaceae	NT	FAC

NAME	FAMILY	HABITAT	WETLAND STATUS
Urtica dioica L. Stinging Nettle	Urticaceae	IPF	FACU
? Uvularia sessilifolia L. Sessile-leaf Bellwort	Liliaceae	NPF	FACU-
Vaccinium angustifolium Ait. Late Lowbush Blueberry	Ericaceae	NS	FACU-
Vaccinium corymbosum L. Highbush Blueberry	Ericaceae	NS	FACW
Verbascum blattaria L. White Moth Mullein	Scrophulariaceae	IBF	UPL
Verbascum thapsus L. Great Mullein	Scrophulariaceae	IBF	U
Veronica officinalis L. Common Speedwell	Scrophulariaceae	IPF	FACU-
Viburnum acerifolium Maple-leaf Arrow-wood	Caprifoliaceae	NS	UPL
Viburnum dentatum L. Southern Arrow-wood	Caprifoliaceae	NST	FAC
Viburnum dentatum v. lucidulum Ait. Northern Arrow-wood	Caprifoliaceae	NS	FACW-
Vinca minor L. Lesser Periwinkle	Apocynaceae	IWV	U
Vitis labrusca L. Fox Grape	Vitaceae	NWV	FACU
Wisteria frutescens (L.) Poir. American Wisteria	Fabaceae	IWV	FACW-
Xanthium spinosum L. Spiny Cocklebur	Asteraceae	IAF	FACU
? Zizia aurea (L.) W.D.J. Koch Golden Alexanders	Apiaceae	NPF	FAC