

Appendix D – Documented or Expected Flora

Scientific Name	Common Name	Park ^a	NYS Listing ^b	Federal Listing ^c	Source ^d
Trees					
<i>Acer rubrum</i>	Red Maple	B			5, 6
<i>Acer saccharinum</i>	Silver Maple	B			5, 7, E
<i>Acer saccharum</i>	Sugar Maple	B			5, 7, 9
<i>Betula alleghaniensis</i>	Yellow Birch	B			6, 9
<i>Betula lenta</i>	Black Birch	B			5, 6, 7
<i>Betula nigra</i>	River Birch	HH			7
<i>Betula papyrifera</i>	American White Birch	B			9, E
<i>Betula populifolia</i>	Gray Birch	B			5, E
<i>Carya cordiformis</i>	Bitternut Hickory	B			5, E
<i>Carya glabra</i>	Pignut Hickory	B			5, 6
<i>Carya ovata</i>	Shagbark Hickory	B			5, E
<i>Carya tomentosa</i>	Mockernut Hickory	B			E
<i>Castanea dentate</i>	American Chestnut	B			9
<i>Fagus grandifolia</i>	American Beech	B			6, 7
<i>Fraxinus americana</i>	White Ash	B			5, 6, 7
<i>Fraxinus pennsylvanica</i>	Green Ash	B			5, 6, 7
<i>Juglans cinerea</i>	Butternut	B			7, E
<i>Juglans nigra</i>	Black Walnut	B			7, E
<i>Juniperus virginiana</i>	Red Cedar	B			5, 6
<i>Liriodendron tulipifera</i>	Tulip Tree	B			5, 6, 7
<i>Ostrya virginiana</i>	Hop Hornbeam	B			5, 6, 7
<i>Pinus rigida</i>	Pitch Pine	HH			5
<i>Pinus strobus</i>	Eastern White Pine	B			9, E
<i>Plantanus occidentalis</i>	Sycamore	HH			7
<i>Populus deltoides</i>	Eastern Cottonwood	B			7, E
<i>Populus grandidentata</i>	Bigtooth Aspen	B			9, E
<i>Populus tremuloides</i>	Quaking Aspen	B			5, E
<i>Prunus pensylvanica</i>	Pin Cherry	B			5, E
<i>Prunus serotina</i>	Black Cherry	B			5, 6, 7
<i>Prunus virginiana</i>	Chokecherry	B			7, E
<i>Quercus alba</i>	White Oak	B			5, 6, 7
<i>Quercus coccinea</i>	Scarlet Oak	B			5, E
<i>Quercus montana</i>	Chestnut Oak	B			5, 6, 7
<i>Quercus palustris</i>	Pin Oak	B			5, 7, E
<i>Quercus rubra</i>	Red Oak	B			5, 6, 7
<i>Quercus velutina</i>	Black Oak	B			5, 7, E
<i>Salix</i> sp.	Willow	B			7, E
<i>Sassafras albidum</i>	Sassafras	B			7, 9
<i>Tilia americana</i>	American Basswood	B			5, 7, E
<i>Tsuga canadensis</i>	Eastern Hemlock	B			6, 7
<i>Ulmus americana</i>	American Elm	B			5, 7, E
Shrubs and Vines					
<i>Acer negundo</i>	Box-elder	B			7, E
<i>Acer pensylvanica</i>	Striped Maple	B			5, 6
<i>Amelanchier</i> sp.	Shadbush	B			5, 7, E
<i>Amelanchier arborea</i>	Downy Serviceberry	B			6, E

Fahnestock SP & Hudson Highlands SPP Master Plan: Appendix D

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<i>Amelanchier canadensis</i>	Canadian Serviceberry	B			E
<i>Aronia arbutifolia</i>	Red Chokeberry	B			E
<i>Aronia melanocarpa</i>	Black Chokeberry	B			5
<i>Carpinus caroliniana</i>	American Hornbeam	B			6, E
<i>Celtis occidentalis</i>	Hackberry	B			7, 9, E
<i>Cephalanthus occidentalis</i>	Common Buttonbush	B			5, 9
<i>Comptonia peregrina</i>	Sweet Fern	B			5, 9
<i>Cornus amomum</i>	Silky Dogwood	B			5, E
<i>Cornus florida</i>	Flowering Dogwood	B			5, 7, E
<i>Corylus cornuta</i>	Beaked Hazlenut	B			E
<i>Crataegus monogyna</i>	Common Hawthorn	B			7, E
<i>Diervilla lonicera</i>	Low Bush Honeysuckle	B			E
<i>Dioscorea villosa</i>	Wild Yam	B			7, E
<i>Echinocystis lobata</i>	Wild Cucumber	B			7, E
<i>Gaultheria procumbens</i>	Wintergreen	B			E
<i>Gaylussacia baccata</i>	Black Huckleberry	B			5, 6
<i>Hamamelis virginiana</i>	Witch-hazel	B			5, 6
<i>Ilex verticillata</i>	Common Winterberry	B			5, E
<i>Kalmia latifolia</i>	Mountain Laurel	B			5, 6
<i>Lindera benzoin</i>	Spicebush	B			5, 7, E
<i>Myrica pensylvanica</i>	Northern Bayberry	B			5, E
<i>Parthenocissus quinquefolia</i>	Virginia Creeper	B			6, 7
<i>Prunus pensylvanica</i>	Pin Cherry	B			E
<i>Prunus virginiana</i>	Chokecherry	B			E
<i>Quercus ilicifolia</i>	Scrub Oak	B			5, 6
<i>Rhododendron periclymenoides</i>	Pink Azalea	B			9, E
<i>Rhus copallinum</i>	Winged Sumac	B			E
<i>Rhus typhina</i>	Staghorn Sumac	B			5
<i>Rosa palustris</i>	Swamp Rose	B			E
<i>Rosa carolina</i>	Carolina Rose	B			5
<i>Rubus allegheniensis</i>	Alleghany Blackberry	B			E
<i>Rubus flagellaris</i>	Northern Dewberry	B			5, 7, E
<i>Rubus occidentalis</i>	Black Raspberry	B			7, E
<i>Salix discolor</i>	Pussy Willow	B			E
<i>Sambucus racemosa</i>	Red Elderberry	B			E
<i>Smilax rotundifolia</i>	Common Greenbrier	B			9
<i>Spiraea latifolia</i>	Broadleaf Meadowsweet	B			5, E
<i>Staphyla trifolia</i>	Hackberry	B			5, E
<i>Symphoricarpos albus</i>	Common Snowberry	B			E
<i>Toxicodendron radicans</i>	Poison Ivy	B			5, 7, 9
<i>Vaccinium angustifolium</i>	Lowbush Blueberry	B			5, 6
<i>Vaccinium corymbosum</i>	Highbush Blueberry	B			5, 6
<i>Vaccinium pallidum</i>	Blue Ridge Blueberry	B			5, 6
<i>Vaccinium stamineum</i>	Deerberry	B			5, 6
<i>Viburnum acerifolium</i>	Maple-leaf Viburnum	B			5, 6
<i>Viburnum dentatum</i>	Southern Arrowwood	B			5, E
<i>Viburnum lantanoides</i>	Hobblebush	B			E
<i>Viburnum prunifolium</i>	Blackhaw	HH			5, 7, E
<i>Viburnum rafinesquianum</i>	Downy Arrowwood	B			5, E

Fahnestock SP & Hudson Highlands SPP Master Plan: Appendix D

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<i>Vitis</i> sp.	Grape	B			7, E
<i>Vitis labrusca</i>	Fox Grape	B			E
<i>Vitis riparia</i>	River-bank Grape	B			E
Herbs					
<i>Acorus calamus</i>	Sweetflag	B			7, E
<i>Actaea pachypoda</i>	White Baneberry	B			E
<i>Adiantum pedatum</i>	Northern Maidenhair	B			5, E
<i>Agrostis stolonifera</i>	Creeping Bentgrass	B			E
<i>Allium</i> sp.	Onion	B			7, E
<i>Amaranthus cannabinus</i>	Tidalmarsh Amaranth	HH			E
<i>Amorpha fruticosa</i>	Desert False Indigo	HH			5
<i>Amphicarpaea bracteata</i>	American Hog-peanut	B			10
<i>Andropogon gerardii</i>	Big Bluestem	B			5, E
<i>Andropogon virginicus</i>	Broomsedge Bluestem	HH			5
<i>Antennaria plantaginifolia</i>	Plantain-leaf Pussytoes	B			E
<i>Aquilegia canadensis</i>	Wild Columbine	B			E
<i>Apocynum androsaemifolium</i>	Spreading Dogbane	B			E
<i>Apocynum cannabinum</i>	Clasping-leaved Dogbane	HH			5
<i>Arabidopsis lyrata</i>	Lyrate Rockcress	HH			7
<i>Aralia nudicaulis</i>	Wild Sarsaparilla	B			6, E
<i>Arisaema triphyllum</i>	Jack in the Pulpit	B			7, E
<i>Asarum canadense</i>	Wild Ginger	B			7, E
<i>Acslepias syriaca</i>	Common Milkweed	B			7, E
<i>Asplenium platyneuron</i>	Ebony Spleenwort	B			E
<i>Aster</i> sp.	Aster	B			5, E
<i>Aster cordifolius</i>	Heart-leaved Aster	B			E
<i>Aster divaricatus</i>	White Wood aster	B			6, 7
<i>Aster linariifolius</i>	Flaxleaf Whitetop Aster	B			6, E
<i>Bidens bidentoides</i>	Delmarva Beggar-ticks	HH	Rare		4, 5
<i>Bidens cernua</i>	Nodding Beggar-ticks	HH			E
<i>Bidens laevis</i>	Smooth Bur-marigold	HH	T		2, 5
<i>Campanula rotundifolia</i>	American Harebell	B			9, E
<i>Cardamine longii</i>	Long's Bittercress	HH	T		4, 5
<i>Cardamine pensylvanica</i>	Pennsylvania Bittercress	HH			5
<i>Carex aestivalis</i>	Summer Sedge	HH			7
<i>Carex albicans</i>	Bellow-beaked Sedge	HH			5, 7
<i>Carex amphibola</i>	Narrow-leaved Sedge	F	E		3, 6
<i>Carex argyrantha</i>	Hay Sedge	HH			5
<i>Carex bicknellii</i>	Bicknell's Sedge	HH			5
<i>Carex blanda</i>	Woodland Sedge	HH			7
<i>Carex bushii</i>	Bush's Sedge	HH			5
<i>Carex communis</i>	Fibrous-root Sedge	HH			7
<i>Carex cumolata</i>	Clustered Sedge	HH	T		2, 5
<i>Carex davisii</i>	Davis' Sedge	HH	T		5, 7
<i>Carex grayii</i>	Gray's Sedge	B			7, E
<i>Carex laxiflora</i>	Broad Looseflower Sedge	B			E
<i>Carex pensylvanica</i>	Pennsylvania Sedge	HH			5, 6, 7, 10
<i>Carex platyphylla</i>	Broad-leaved Sedge	HH			7
<i>Carex radiata</i>	Stellate Sedge	HH			7

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<i>Carex rosea</i>	Rosy Sedge	B			10
<i>Carex swanii</i>	Swan Sedge	B			5, 6
<i>Carex stricta</i>	Tussock sedge	B			9
<i>Cerastium</i> sp.	Chickweed	HH			7
<i>Chimaphila maculata</i>	Spotted Wintergreen	B			E
<i>Cimicifuga racemosa</i>	Black Cohosh	B			E
<i>Circaea lutetiana</i>	Intermediate Enchanter's Nightshade	HH			7
<i>Conopholis americana</i>	Squaw-root	B			9
<i>Corydalis sempervirens</i>	Pink Corydalis	B			5, 6
<i>Crassula aquatica</i>	Water Pygmyweed	HH			4, 5, E
<i>Cuscuta</i> sp.	Dodder	B			7, E
<i>Cypripedium acaule</i>	Pink Lady's-slipper	B			E
<i>Cystopteris fragilis</i>	Fragile Fern	HH			7
<i>Danthonia spicata</i>	Poverty Oatgrass	B			5, 6
<i>Dennstaedtia punctilobula</i>	Eastern Hay-scented Fern	B			5, 6
<i>Deschampsia flexuosa</i>	Wavy Hair Grass	B			5, 6, 7
<i>Desmodium</i> spp.	Tick-trefoil	B			5, E
<i>Dichanthelium</i> sp.	Panic Grass	B			5, E
<i>Dichanthelium acuminatum</i>	Panic Grass	B			5, E
<i>Dichanthelium clandestinum</i>	Deer-tongue Witchgrass	B			5, E
<i>Dichanthelium sabulorum</i> var. <i>thinium</i>	Panic Grass	HH			5
<i>Diervilla lonicera</i>	Northern Bush-Honeysuckle	B			E
<i>Dryopteris carthusiana</i>	Spinulose Shield Fern	B			E
<i>Dryopteris intermedia</i>	Evergreen Woodfern	B			6, E
<i>Dryopteris marginalis</i>	Marginal Woodfern	B			6, 7
<i>Echinochloa crus-galli</i>	Barnyard-grass	HH			7
<i>Elymus hystrix</i>	Bottlebrush Grass	B			E
<i>Epifagus virginiana</i>	Beechdrops	B			E
<i>Erigeron canadensis</i>	Canadian Horseweed	HH			5
<i>Eupatorium perfoliatum</i>	Common Boneset	B			E
<i>Eupatorium rugosum</i>	White Snakeroot	HH			5
<i>Euthamia graminifolia</i>	Flat-top Fragrant Goldenrod	HH			5
<i>Galium</i> sp.	Bedstraw	B			7, 10
<i>Gaultheria procumbens</i>	Teaberry	B			10
<i>Geranium bicknellii</i>	Bicknell's Cranesbill	HH			7
<i>Geranium robertianum</i>	Robert's Geranium	B			E
<i>Helenium autumnale</i>	Common Sneezeweed	HH			7
<i>Hieracium venosum</i>	Rattlesnake Hawkweed	B			E
<i>Hibiscus moscheutos</i>	Crimson-eyed Rosemallow	HH			5
<i>Hypoxis hirsuta</i>	Eastern Yellow Stargrass	B			E
<i>Impatiens capensis</i>	Spotted Jewelweed	B			5, 7, E
<i>Juncus</i> sp.	Rush	B			10
<i>Laportea canadensis</i>	Wood Nettle	B			5, 7, E
<i>Leersia oryzoides</i>	Rice Cutgrass	B			E
<i>Lespedeza</i> sp.	Bush-clover	HH			5
<i>Lobelia cardinalis</i>	Cardinal Flower	B			9, E
<i>Luzula mutiflora</i>	Common Woodrush	B			10
<i>Lycopodium annotinum</i>	Common Bristly Clubmoss	B			E

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<i>Lycopodium digitatum</i>	Fan Club-moss	B			E
<i>Lycopodium obscurum</i>	Ground Pine	B			E
<i>Lysimachia quadrifolia</i>	Whorled Loosestrife	HH			5
<i>Maianthemum canadense</i>	Canada May-flower	B			6, E
<i>Maianthemum racemosum</i>	False Solomon's Seal	B			10
<i>Medeola virginiana</i>	Indian Cucumber-root	B			10
<i>Menispermum canadense</i>	Canada Moonseed	HH			7
<i>Mimulus alatus</i>	Sharp-winged Monkey-flower	HH			7
<i>Mimulus ringens</i>	Square-stemmed Monkey-flower	HH			7
<i>Mitchella repens</i>	Partridgeberry	B			10
<i>Monotropa uniflora</i>	Indian-pipe	B			9
<i>Nuphar luteum</i>	Spatterdock	B			7, E
<i>Onoclea sensibilis</i>	Sensitive Fern	B			5, 7, E
<i>Opuntia humifusa</i> var. <i>humifusa</i>	Eastern Prickly Pear	HH			9
<i>Osmunda cinnamomea</i>	Cinnamon Fern	B			E
<i>Osmunda claytoniana</i>	Interrupted Fern	B			E
<i>Oxalis stricta</i>	Upright Yellow Wood-sorrel	B			10
<i>Peltandra virginica</i>	Green Arrow-arum	HH			5, 7
<i>Persicaria hydropiper</i>	Marshpepper Smartweed	HH			5
<i>Persicaria punctata</i>	Dotted Smartweed	HH			5
<i>Persicaria virginiana</i>	Jumpseed	B			7, 10
<i>Phytolacca americana</i>	Common Pokeweed	HH			7
<i>Pilea fontana</i> or <i>pumila</i>	Clearweed	HH			7
<i>Pluchea odorata</i>	Saltmarsh Fleabane	HH			E
<i>Poaceae</i>	Grasses	B			7, E
<i>Poa compressa</i>	Canada Bluegrass	HH			5
<i>Polygonum</i> sp.	Smartweed	B			7, 10
<i>Polygonum cespitosum</i>	Bristled Knotweed	HH			7
<i>Polygonatum pubescens</i>	Downy Solomon's Seal	B			7, E
<i>Polypodium virginianum</i>	Rock Polypody	B			10
<i>Polystichum acrostichoides</i>	Christmas Fern	B			5, 10
<i>Pontederia cordata</i>	Pickernelweed	HH			5
<i>Potentilla simplex</i>	Old-field Cinquefoil	B			10
<i>Potentilla tridentata</i>	Three-toothed Cinquefoil	HH			E
<i>Prenanthes</i> sp.	Rattlesnakeroot	B			10
<i>Pteridium aquilinum</i>	Bracken Fern	B			10
<i>Ranunculus micranthus</i>	Small-flowered Crowfoot	HH	T		4
<i>Sagittaria montevidensis</i> var. <i>spangiosa</i>	Spongy Arrowhead	HH	T		2, 5
<i>Sagittaria graminea</i>	Grassleaf Arrowhead	HH			5
<i>Sagittaria latifolia</i>	Broadleaf Arrowhead	HH			7
<i>Sagittaria subulata</i>	Strap-leaf arrowhead	HH			5
<i>Schizachyrium scoparium</i>	Little Bluestem	B			5, 6
<i>Scirpus americanus</i>	Three-square Bulrush	HH			5
<i>Scirpus pungens</i>	Three-square Bulrush	HH			7
<i>Setaria</i> sp.	Foxtail	B			7, E
<i>Maianthemum racemosum</i>	False Solomon's Seal	B			10
<i>Solidago caesia</i>	Bluestem Goldenrod	HH			7
<i>Solidago canadensis</i>	Canada Goldenrod	HH			7
<i>Solidago nemoralis</i>	Gray Goldenrod	HH			5
<i>Solidago odora</i>	Sweet Goldenrod	HH			5

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<i>Solidago puberula</i>	Downy Goldenrod	HH			5
<i>Sorghastrum nutans</i>	Yellow Indiangrass	HH			5
<i>Symphyotrichum subulatum</i> var. <i>subulatum</i>	Saltmarsh Aster	HH	T		2, 5
<i>Symplocarpus foetidus</i>	Skunk Cabbage	B			7, 9
<i>Thalictrum dioicum</i>	Early Meadow-rue	B			10
<i>Thelypteris noveboracensis</i>	New York Fern	B			E
<i>Thelypteris palustris</i>	Marsh Fern	B			6, E
<i>Trientalis borealis</i>	Northern Starflower	B			10
<i>Typha angustifolia</i>	Narrow-leaved Cattail	B			5, E
<i>Typha latifolia</i>	Broad-leaf Cattail	B			5, E
<i>Uvularia sessilifolia</i>	Sessile-leaved Bellwort	B			10
<i>Viola</i> sp.	Violet	B			7, E
<i>Xanthium strumarium</i>	Rough Cocklebur	HH			7
<i>Zizania aquatica</i>	Eastern Wild Rice	HH			5
Non-vascular					
<i>Atrichum undulatum</i>	Undulate Atrichum Moss	HH			5
<i>Dicranum</i> sp.	Wind-blown Mosses	HH			5
<i>Polytrichum</i> sp.	Haircap Moss	B			6, E
<i>Polytrichum commune</i>	Common Haircap Moss	HH			5
Lichens	Lichens	B			5, E
<i>Leucobryum</i> sp.	Leucobryum Moss	B			6, E
<i>Leucobryum glaucum</i>	Leucobryum Moss	HH			5

* This list should not be considered to be a comprehensive flora list for both parks;

Species documented in the parks that are shown in bold are listed as Endangered, Threatened, or otherwise considered rare in the state and are actively tracked by the New York Natural Heritage Program as species of conservation concern.

^a F = Fahnestock, HH = Hudson Highlands, B = Both

^b E = Endangered, T = Threatened, SC = Special Concern

^c E = Endangered, T = Threatened, C = Candidate

^d 1 = Evans et al. 2001a (Fahnestock); 2 = Evans et al. 2001b (Hudson Highlands); 3 = NYNHP 2004a (Fahnestock); 4 = NYNHP 2004b (Hudson Highlands); 5 = Smith and Lundgren 2010a (Hudson Highlands); 6 = Smith and Lundgren 2010b (Fahnestock); 7 = Hartwig et al. 2009; 9 = Jesse Jaycox, personal communication 2010; 10 = Kimberly Smith, personal communication 2010; E = Expected based on habitat