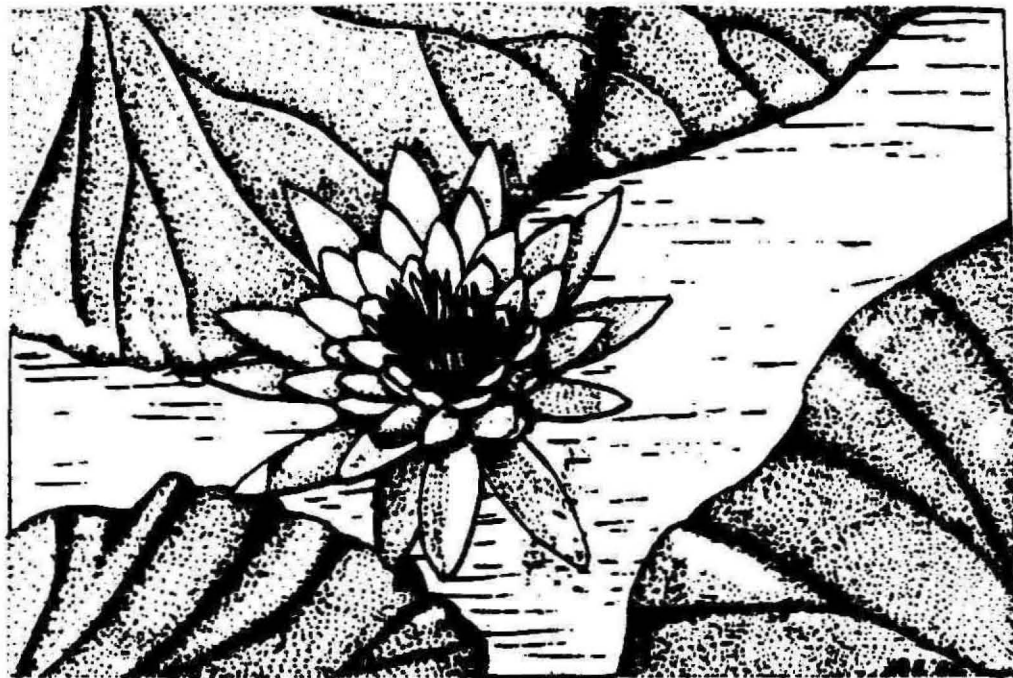


FLORA OF THE SAVANNAH RIVER PLANT

An Inventory of the Vascular Plants
on the
Savannah River Plant, South Carolina



WADE T. BATSON
JEANNINE S. ANGERMAN
J. THOMAS JONES

A Publication of the Savannah River Plant
National Environmental Research Park Program

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An Inventory of the Vascular Plants
of the Savannah River Plant, U. S. Department of Energy
Aiken, South Carolina

by

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INTRODUCTION

The Savannah River Plant (SRP), a nuclear production facility administered by the United States Department of Energy, occupies an area of approximately 300 square miles in the upper Coastal Plain of South Carolina (Figure 1). Since the early 1950's it has been the subject of numerous ecological and botanical studies, many of which are focused on environmental effects of industrial activities. Early surveys of the flora have been succeeded by ecological studies of various habitats and species. As a result of this research, the SRP is one of the most extensively studied sites of its kind in the southeastern United States.

Objectives

Reported here are results of a survey of the vascular plants of the SRP, and a compilation of species reported on the site in previous studies. This project was undertaken to fulfill two objectives: 1) to provide a list of the naturally-occurring vascular plants found on the SRP for the use of on-site researchers and visiting investigators, and 2) to prepare a local herbarium as a reference collection of SRP plants.

Such a listing is never complete. As habitats change through disturbance or natural succession, so do the plants that live there. In the three decades since the establishment of the SRP, land use has changed from agriculture to forestry and industry. Several species reported on the site in the early 1950's, especially horticultural escapees or agricultural plants, have not been collected in recent years. However, the floral list continues to expand as habitats are more thoroughly studied. This report provides a list of vascular plant species of the SRP which were represented in the Savannah River Ecology Laboratory (SREL) Herbarium in 1984, supplemented by species previously reported from the site or known by the authors to occur there but which have not been incorporated into the herbarium. It is SREL's intent to update the herbarium as additional collections are made and new species are located.

In addition to the species list, SRP studies of featured species are referenced. It is beyond the scope of this survey to provide taxonomic keys to the species; however, a reference list of regional floral keys, including those used in identifying the plants in the SREL herbarium, is given.

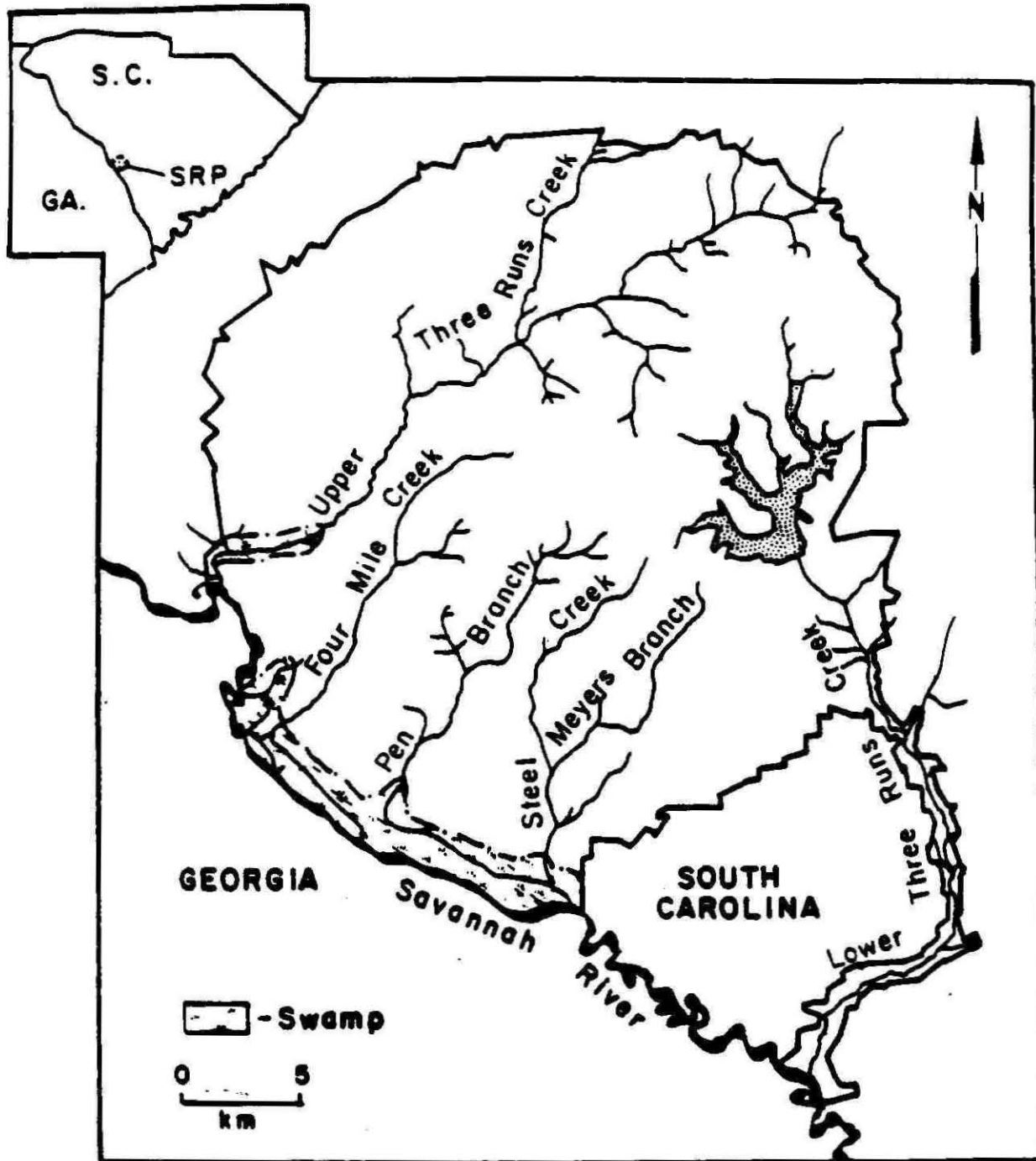


Figure 1. Map of the Savannah River Plant.

Site Description

The Savannah River Plant is located on the upper Coastal Plain in parts of Aiken, Barnwell and Allendale Counties, South Carolina. It consists of 77,832 ha (approximately 780 km²) bordered on the southwest by the Savannah River. The elevation ranges between 27 and 122 m above sea level. Langley and Marter (1973) describe two distinct physiographic subregions which form the SRP: the Aiken Plateau (above 82 m) and the Pleistocene Coastal Terraces (below 82 m): The gently sloping Aiken Plateau has been deeply eroded by tributaries of the Savannah River. The Brandywine and Sunderland terraces also have a gently rolling topography, whereas the Wicomico forms the broad floodplain of the Savannah River (Langley and Marter, 1973).

Soils on the SRP are sandy with low fertility. Those of the Aiken Plateau are generally too sandy and well-drained to support a sustained agricultural yield. Sandy loams of the coastal terraces have higher fertility; the Sunderland and Brandywine terraces were extensively farmed before the establishment of the SRP.

The climate of the SRP area is temperate, with mild winters and long summers. The average winter temperature in nearby Augusta, Georgia, is 9°C and the average summer temperature is 27°C (Dukes, 1984). Extreme temperatures seldom exceed 38°C or fall below -12°C. The average daily temperature variation is about 11°C. Average annual rainfall is 119 cm (Dukes, 1984) and is greatest in March and lowest in November.

Before the SRP was established, approximately two-thirds of the land was forested and one-third was cropland or pasture. Two small towns and several farming communities were located on the site. Since the development of the SRP, natural succession and an active timber management program by the U. S. Forest Service have converted much of the land to pine-hardwood forests and managed pine plantations. Terrestrial habitats include upland oak-hickory hardwood forests, pinelands, stream-bluff forests and bottomland hardwood forests. Natural freshwater habitats include Carolina bays, oxbow lakes, streams and beaver ponds, which may support freshwater marshes. Disturbed or man-influenced habitats include pine plantations, abandoned fields in various stages of successional recovery, abandoned town sites, old farm ponds, man-made reservoirs, roadsides, power lines, railroad right-of-ways, and lawns, as well as highly disturbed systems such as industrial sites, coal ash basins and reservoirs, and streams receiving thermal effluent from nuclear reactors.

Because of this variety of habitats, the SRP supports an extensive flora. The two-year survey involved in the documentation of this report resulted in the collection of more than 1100 species of vascular plants for the SREL herbarium. This represents approximately one-third of all species reported from the Carolinas (Radford et al., 1968).

VASCULAR PLANTS OF THE SAVANNAH RIVER PLANT

This species list includes: (1) vascular plants contained in the SREL Herbarium in 1984, and (2) species known or reported to occur on the SRP but not represented by herbarium specimens (superscript⁴). The emphasis of this survey has been on naturally-occurring species. Horticultural or agricultural species are included only if persisting as escapees from cultivation on the site.

Taxonomy follows Radford *et al.* (1968) unless otherwise noted by superscripts as follows: ¹Bailey (1949), and ²Correll and Correll (1975). Most of the species were collected, identified and catalogued in the SREL herbarium by the authors of this report. Those specimens collected and added to the herbarium by other investigators are designated by the superscript³. Verification of species was made by the senior author. County records collected on the SRP are designated as follows: ⁵Aiken, ⁶Barnwell, ⁷Allendale.

Table 1. Vascular plant species of the Savannah River Plant.

	Ferns/ Fern Allies	Gymnosperms	Monocotyledons	Dicotyledons	Total
Families	12	3	25	111	151
Genera	17	4	132	405	558
Species and Varieties	23	10	418	871	1322

VASCULAR PLANTS OF THE SRP

Acanthaceae

<u>Dicliptera brachiata</u> (Pursh) Sprengel	
<u>Dyschoriste oblongifolia</u> (Michaux) Kuntze	
⁴ <u>Justicia americana</u> (L.) Vahl	Water-willow
⁶ <u>Justicia ovata</u> (Walter) Lindau	Water-willow
<u>Ruellia caroliniensis</u> (Walter) Steudel	Ruellia
² <u>Ruellia ciliosa</u> Pursh	Ruellia
⁴ <u>Ruellia humilis</u> Nuttall	Ruellia

Aceraceae

<u>Acer negundo</u> L.	Box Elder
<u>Acer rubrum</u> L.	Red Maple
<u>Acer saccharinum</u> L.	Silver Maple
<u>Acer saccharum</u> ssp. <u>floridanum</u> (Chapman) Desmarais	Southern Sugar Maple
⁴ <u>Acer saccharum</u> Marshall spp. <u>saccharum</u>	Southern Sugar Maple

Aizoaceae

<u>Mollugo verticillata</u> L.	Carpet-weed
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Alismataceae

<u>Echinodorus cordifolius</u> (L.) Grisebach	Bur-head
² , ⁵ <u>Echinodorus parvulus</u> Engelm.	Little Bur-head
⁵ , ⁶ <u>Sagittaria graminea</u> Michaux	
⁶ <u>Sagittaria latifolia</u> Willd.	Wapato, Duck-potato
⁶ <u>Sagittaria subulata</u> Buch.	
⁶ <u>Sagittaria teres</u> Watson	Slender Sagittaria

Amaranthaceae

<u>Alternanthera philoxeroides</u> (Martius) Grisebach	Alligator-weed
<u>Amaranthus palmeri</u> Watson	Amaranth
⁴ <u>Amaranthus spinosus</u> L.	Thorny Amaranth
<u>Froelichia floridana</u> (Nuttall) Moq.	Cottonweed
<u>Froelichia gracilis</u> (Hooker) Moq.	Cottonweed

Amaryllidaceae

⁶ <u>Agave virginica</u> L.	
<u>Hypoxis hirsuta</u> (L.) Coville	Yellow Star-grass
⁵ <u>Hypoxis micrantha</u> Pollard	Yellow Star-grass
² <u>Narcissus incomparabilis</u> Miller	
<u>Narcissus jonquilla</u> L.	Jonquil
<u>Narcissus pseudo-narcissus</u> L.	Daffodil
⁵ <u>Narcissus tazetta</u> x <u>poeticus</u> <u>Zephyranthes atamasco</u> (L.) Herbert	Atamasco Lily

Anacardiaceae

<u>Rhus copallina</u> L.	Winged Sumac
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⁶ <u>Rhus glabra</u> L.	Smooth Sumac
⁶ <u>Rhus radicans</u> L.	Poison Ivy
<u>Rhus toxicodendron</u> L.	Poison Oak
<u>Rhus vernix</u> L.	Poison Sumac

Annonaceae

⁴ <u>Asimina parviflora</u> (Michaux) Dunal	Dwarf Pawpaw
<u>Asimina triloba</u> (L.) Dunal	Pawpaw

Apiaceae (Umbelliferae)

<u>Angelica venenosa</u> (Greenway) Fernald	
¹ <u>Apium leptophyllum</u> (Persoon) F. Mueller	Marsh Parsley
<u>Centella asiatica</u> (L.) Urban	Marsh Pennywort
<u>Chaerophyllum tainturieri</u> Hooker	Wild Chervil
<u>Cicuta maculata</u> L.	Water Hemlock
⁴ <u>Cryptotaenia canadensis</u> (L.) DC.	Honewort
<u>Daucus carota</u> L.	Queen-Anne's-Lace
⁵ , ⁶ <u>Daucus pusillus</u> Michaux	Small Wild Carrot
³ <u>Eryngium integrifolium</u> Walter	
<u>Eryngium yuccifolium</u> Michaux	Button Snakeroot
<u>Hydrocotyle americana</u> L.	
<u>Hydrocotyle umbellata</u> L.	Marsh Pennywort
<u>Hydrocotyle verticillata</u> Thunberg	Pennywort
<u>Ptilimnium capillaceum</u> (Michaux) Raf.	Mock Bishopweed
<u>Sanicula canadensis</u> L.	Snakeroot
<u>Sanicula smallii</u> Bicknell	Snakeroot
<u>Spermolepis divaricata</u> (Walter) Raf.	
⁶ <u>Spermolepis echinata</u> (Nuttall ex DC.) Heller	
⁸ <u>Trepocarpus aethusae</u> Nuttall	
⁸ <u>Thaspium barbinode</u> (Michaux) Nuttall	Meadow Parsnip
⁸ <u>Thaspium trifoliatum</u> (L.) Gray	Meadow Parsnip

Apocynaceae

¹ <u>Amsonia ciliata</u> Walter	Blue Star
³ <u>Amsonia tabernaemontana</u> Walter	Blue Star
<u>Apocynum cannabinum</u> L.	Indian Hemp
<u>Trachelospermum difforme</u> (Walter) Gray	Climbing Dogbane, Confederate Jasmine
<u>Vinca major</u> L.	Periwinkle
<u>Vinca rosea</u> L.	Madagascar Periwinkle

Aquifoliaceae

<u>Ilex cassine</u> var. <u>myrtifolia</u> (Walter) Sargent	Myrtleleaf Holly
⁴ <u>Ilex coriacea</u> (Pursh) Chapman	Sweet Gallberry
<u>Ilex decidua</u> Walter	Poosum Haw
<u>Ilex glabra</u> (L.) Gray	Inkberry
<u>Ilex opaca</u> Aiton	Holly
⁶ <u>Ilex verticillata</u> (L.) Gray	Winterberry
<u>Ilex vomitoria</u> Aiton	Yaupon

Araceae	
<u>Arisaema dracontium</u> (L.) Schott	Green Dragon
<u>Arisaema triphyllum</u> (L.) Schott	Jack-in-the-pulpit
<u>Orontium aquaticum</u> L.	Golden Club
<u>Peltandra virginica</u> (L.) Kunth	Arrow Arum
Araliaceae	
<u>Aralia spinosa</u> L.	Hercules Club
⁵ , ⁶ <u>Hedera helix</u> L.	Ivy
Arecaceae	
<u>Sabal minor</u> (Jacquin) Persoon	Palmetto
Aristolochiaceae	
<u>Aristolochia serpentaria</u> L.	Virginia Snakeroot
⁶ <u>Hexastylis arifolia</u> (Michaux) Small	Wild Ginger
Asclepiadaceae	
<u>Asclepias amplexicaulis</u> Smith	Milkweed
<u>Asclepias humistrata</u> Walter	Purple-veined Milkweed
⁵ <u>Asclepias obovata</u> Elliott	Swamp Milkweed
<u>Asclepias perennis</u> Walter	Butterfly-weed
<u>Asclepias tuberosa</u> L.	Milkweed
<u>Asclepias variegata</u> L.	Narrow-leaved Milkweed
<u>Asclepias verticillata</u> L.	Green Milkweed
⁴ <u>Asclepias viridiflora</u> Raf.	Anglepod
⁴ <u>Matelea carolinensis</u> (Jacquin) Woodson	
<u>Matelea gonocarpa</u> (Walter) Shinnars	
⁵ <u>Matelea suberosa</u> (L.) Shinnars	
Aspidiaceae	
<u>Athyrium asplenioides</u> (Michaux)	Southern Lady Fern
A. A. Eaton	
⁵ <u>Dryopteris ludoviciana</u> (Kunze) Small	Southern Shield Fern
<u>Onoclea sensibilis</u> L.	Sensitive Fern
<u>Polystichum acrostichoides</u> (Michaux)	Christmas Fern
Schott	
⁵ <u>Thelypteris novaboracensis</u> (L.)	New York Fern
Nieuwland	
⁶ <u>Thelypteris palustris</u> Schott	Marsh Fern
Aspleniaceae	
<u>Asplenium platyneuron</u> (L.) Oakes	Ebony Spleenwort
Asteraceae (Compositae)	
<u>Acanthospermum australe</u> (Loefling) Kuntze	Yarrow
<u>Achillea millefolium</u> L.	Ragweed
<u>Ambrosia artemisiifolia</u> L.	Pussytoes
<u>Antennaria plantaginifolia</u> (L.) Richardson	Dog Fennel
³ <u>Anthemis cotula</u> L.	Leopard's Bane
<u>Arnica acaulis</u> (Walter) BSP.	Wormwood
⁴ <u>Artemisia caudata</u> Michaux	

⁵ <u>Artemisia ludoviciana</u> Nuttall	White Sage
<u>Aster concolor</u> L.	
⁶ <u>Aster dumosus</u> L.	
¹ , ⁴ <u>Aster ericoides</u> L.	Heath Aster
<u>Aster linariifolius</u> L.	Stiff-leaved Aster
⁴ <u>Aster novi-belgii</u> L.	New York Aster
<u>Aster paternus</u> Cronquist	White-topped Aster
<u>Aster pilosus</u> Willd.	Frost Aster
<u>Aster solidagineus</u> Michaux	White-topped Aster
<u>Aster tortifolius</u> Michaux	White-topped Aster
<u>Aster undulatus</u> L.	
⁶ <u>Baccharis halimifolia</u> L.	Groundsel Tree
<u>Berlandiera pumila</u> (Michaux) Nuttall	
⁶ <u>Bidens aristosa</u> (Michaux) Britton	
⁵ <u>Bidens bipinnata</u> L.	Spanish Needles
<u>Bidens discoidea</u> (T & G.) Britton	
<u>Bidens frondosa</u> L.	Beggar Ticks
³ <u>Bidens mitis</u> (Michaux) Sherff	
<u>Boltonia asteroides</u> (L.) L'Her.	
⁶ <u>Cacalia atriplicifolia</u> L.	Pale Indian-plantain
³ <u>Cacalia tuberosa</u> Nuttall	
⁴ <u>Carduus arvensis</u> (L.) Robson	Canada Thistle
⁶ <u>Carduus nuttallii</u> (DC.) Pollard	Thistle
<u>Carduus repandus</u> (Michaux) Persoon	Thistle
<u>Carduus spinosissimus</u> Walter	Yellow Thistle
<u>Carduus virginianus</u> L.	
³ <u>Carphephorus bellidifolius</u> (Michaux) T. & G.	
⁴ <u>Centaurea benedicta</u> (L.) L.	Blessed Thistle
<u>Centaurea cyanus</u> L.	Bachelor's Button
<u>Chaptalia tomentosa</u> Vent.	Sunbonnets
⁴ <u>Chrysanthemum segetum</u> L.	Ox-eye Daisy
<u>Chrysogonum virginianum</u> var. <u>australe</u> (Alexander) Ahles	Green-and-gold
<u>Coreopsis basalis</u> (Dietrich) Blake	Tickseed
<u>Coreopsis helianthoides</u> Beadle	Tickseed
<u>Coreopsis lanceolata</u> L.	Tickseed
<u>Coreopsis major</u> Walter	Tickseed
<u>Coreopsis major</u> var. <u>stellata</u> (Nuttall) Robinson	Tickseed
¹ , ⁵ <u>Coreopsis rosea</u> Nuttall	Pink Tickseed
<u>Echinacea laevigata</u> (Boynnton & Beadle) Blake	Purple Cone-flower
<u>Eclipta alba</u> (L.) Hasskarl	
<u>Elephantopus carolinianus</u> Willd.	Elephant's-foot
<u>Elephantopus nudatus</u> Gray	Elephant's-foot
<u>Elephantopus tomentosus</u> L.	Elephant's-foot
<u>Erechtites hieracifolia</u> (L.) Raf.	Fireweed
<u>Erigeron canadensis</u> L.	Horseweed
⁴ <u>Erigeron pulchellus</u> Michaux	Robin's-plantain

*Fernald 1950

<u>Erigeron strigosus</u> Muhl. ex Willd.	Daisy Fleabane
⁵ <u>Erigeron vernus</u> (L.) T. & G.	
<u>Eupatorium album</u> L.	Dogfennel
<u>Eupatorium aromaticum</u> L.	Dogfennel
<u>Eupatorium capillifolium</u> (Lam.) Small	Dogfennel
<u>Eupatorium coelestinum</u> L.	Mistflower, Ageratum
<u>Eupatorium compositifolium</u> Walter	Dogfennel
<u>Eupatorium cuneifolium</u> Willd.	Dogfennel
⁴ <u>Eupatorium dubium</u> Willd.	Joe-pye-weed
³ <u>Eupatorium fistulosum</u> Barratt	Joe-pye-weed
⁶ <u>Eupatorium leucolepis</u> (DC.) T. & G.	Dogfennel
⁵ <u>Eupatorium perfoliatum</u> L.	Boneset
<u>Eupatorium pilosum</u> Walter	Dogfennel
³ <u>Eupatorium recurvans</u> Small	Dogfennel
<u>Eupatorium rotundifolium</u> L.	Dogfennel
<u>Eupatorium serotinum</u> Michaux	Dogfennel
<u>Facelis retusa</u> (Lam.) Sch.-Bip.	
<u>Gaillardia aestivalis</u> (Walter) H. Rock	Daisy
⁴ <u>Gaillardia pulchella</u> Foug.	Rosering Gaillardia
³ <u>Gnaphalium chilense</u> Sprengel	Rabbit Tobacco
⁶ <u>Gnaphalium helleri</u> Britton	Cudweed
<u>Gnaphalium obtusifolium</u> L.	Rabbit Tobacco
<u>Gnaphalium purpureum</u> L.	Cudweed
<u>Haplopappus divaricatus</u> (Nuttall) Gray	Yellow Aster
<u>Helenium amarum</u> (Raf.) H. Rock	Bitterweed
<u>Helenium flexuosum</u> Raf.	Sneezeweed
<u>Helianthus angustifolius</u> L.	Sunflower
<u>Helianthus annuus</u> L.	Sunflower
<u>Helianthus debilis</u> var. <u>cucumerifolius</u> (T. & G.) Gray	Sunflower
³ <u>Helianthus divaricatus</u> L.	Sunflower
⁴ <u>Helianthus mollis</u> Lam.	Ashy Sunflower
⁶ <u>Helianthus strumosus</u> L.	Sunflower
³ <u>Heliopsis helianthoides</u> (L.) BSP	Ox-eye
<u>Heterotheca gossypina</u> (Michaux) Shinnars	Camphorweed
<u>Heterotheca graminifolia</u> (Michaux) Shinnars	Camphorweed
⁶ <u>Heterotheca mariana</u> (L.) Shinnars	Camphorweed
³ <u>Heterotheca nervosa</u> (Willd.) Shinnars	Camphorweed
<u>Heterotheca subaxillaris</u> (Lam.) Britton & Rusby	Camphorweed
<u>Hieracium gronovii</u> L.	Hawkweed
<u>Hymenopappus scabiosaeus</u> L'Her.	
<u>Hypochoeris elata</u> (Weddell) Grisebach	Cat's-ear
⁵ <u>Hypochoeris glabra</u> L.	Cat's-ear
⁴ <u>Hypochoeris radicata</u> L.	Cat's-ear
<u>Iva microcephala</u> Nuttall	
<u>Krigia oppositifolia</u> Raf.	Dwarf Dandelion
<u>Krigia virginica</u> (L.) Willd.	Dwarf Dandelion
<u>Kuhnia eupatorioides</u> L.	False Boneset
<u>Lactuca canadensis</u> L.	Wild Lettuce

⁴ <u>Lactuca floridana</u> (L.) Gaertner	Blue Lettuce
<u>Lactuca graminifolia</u> Michaux	
³ <u>Lactuca scariola</u> L.	Prickly Lettuce
<u>Liatris earlei</u> (Greene) K. Schumann	
<u>Liatris elegans</u> (Walter) Michaux	Blazing Star
<u>Liatris graminifolia</u> Willd.	
⁶ <u>Liatris regimontis</u> (Small) K. Schumann	Blazing Star
⁴ <u>Liatris scariosa</u> (L.) Willd.	Tall Blazing Star
<u>Liatris secunda</u> Ell.	Blazing Star
³ <u>Liatris spicata</u> var. <u>resinosa</u> (Nuttall) Gaiser	Blazing Star
<u>Liatris squarrosa</u> (L.) Michaux	Blazing Star
<u>Liatris tenuifolia</u> Nuttall	Blazing Star
<u>Marshallia obovata</u> var. <u>scaposa</u> Channell	Button-flower
⁶ <u>Melanthera hastata</u> Michaux	
<u>Mikania scandens</u> (L.) Willd.	Climbing Hempweed
<u>Pluchea camphorata</u> (L.) DC.	Marsh Fleabane
⁴ <u>Pluchea foetida</u> (L.) DC.	Marsh Fleabane
<u>Pluchea rosea</u> Godfrey	Marsh Fleabane
³ <u>Polymnia uvedalia</u> L.	Bears-foot
⁴ <u>Prenanthes altissima</u> L.	Rattlesnake-root
³ <u>Prenanthes serpentaria</u> Pursh	Gall-of-the-earth
³ <u>Pterocaulon pycnostachyum</u> (Michaux) Ell.	Blackroot
<u>Pyrrhopappus carolinianus</u> (Walter) DC.	Carolina False Dandelion
<u>Rudbeckia fulgida</u> Aiton	
<u>Rudbeckia hirta</u> L.	Black-eyed Susan
<u>Sclerolepis uniflora</u> (Walter) BSP.	
<u>Senecio glabellus</u> Poiret	Butterweed
<u>Senecio obovatus</u> Muhl. ex Willd.	Groundsel
<u>Senecio smallii</u> Britton	Groundsel
⁵ <u>Silphium asteriscus</u> L.	
<u>Silphium compositum</u> Michaux	
<u>Silphium dentatum</u> Ell.	
<u>Solidago altissima</u> L.	Goldenrod
³ <u>Solidago arguta</u> Aiton	Goldenrod
⁵ <u>Solidago caesia</u> L.	Blue-stem Goldenrod
¹ <u>Solidago canadensis</u> L.	Goldenrod
³ <u>Solidago gigantea</u> Aiton	Goldenrod
⁵ <u>Solidago leavenworthii</u> T. & G.	Goldenrod
<u>Solidago microcephala</u> (Greene) Bush	Tiny-headed Goldenrod
<u>Solidago nemoralis</u> Aiton	Goldenrod
<u>Solidago odora</u> Aiton	Goldenrod
³ <u>Solidago petiolaris</u> Aiton	Goldenrod
⁶ <u>Solidago roanensis</u> Porter	Goldenrod
<u>Solidago rugosa</u> Miller	Goldenrod
³ <u>Solidago stricta</u> Aiton	Goldenrod
⁶ <u>Solidago tortifolia</u> Ell.	Goldenrod
<u>Sonchus asper</u> (L.) Hill	Spiny-leaved Sow-thistle
⁴ <u>Sonchus oleraceus</u> L.	Sow-thistle
⁷ <u>Spilanthes americana</u> var. <u>repens</u> (Walter) A. H. Moore	
<u>Tagetes minuta</u> L.	

⁴ <u>Taraxacum officinale</u> Wiggers	Dandelion
⁴ <u>Tetragonotheca helianthoides</u> L.	Pineland Ginseng
³ <u>Trilisa paniculata</u> (Walter ex J. F. Gmelin) Cassini	Hound's Tongue
³ <u>Verbesina occidentalis</u> (L.) Walter	Yellow Wingstem
³ <u>Verbesina virginica</u> L.	
³ <u>Vernonia altissima</u> Nuttall	Ironweed
<u>Vernonia angustifolia</u> Michaux	Ironweed
<u>Xanthium strumarium</u> L.	Cocklebur
Azollaceae	
⁶ <u>Azolla caroliniana</u> Willd.	Mosquito Fern
Balsaminaceae	
<u>Impatiens capensis</u> Meerb.	Jewelweed
Berberidaceae	
⁴ <u>Nandina domestica</u> Thunberg	Nandina
⁴ <u>Podophyllum peltatum</u> L.	May-apple
Betulaceae	
<u>Alnus serrulata</u> (Aiton) Willd.	Tag Alder
<u>Betula nigra</u> L.	River Birch
⁶ <u>Carpinus caroliniana</u> Walter	Ironwood
⁶ <u>Ostrya virginiana</u> (Miller) K. Koch	Hop Hornbeam
Bignoniaceae	
<u>Anisostichus capreolata</u> (L.) Bureau	Cross Vine
<u>Campsis radicans</u> (L.) Seemann	Trumpet Vine, Cow-itch Vine
<u>Catalpa bignonioides</u> Walter	Indian Cigar Tree
Blechnaceae	
<u>Woodwardia areolata</u> (L.) Moore	Netted Chain-fern
⁶ <u>Woodwardia virginica</u> (L.) Smith	Virginia Chain-fern
Boraginaceae	
<u>Heliotropium amplexicaule</u> Vahl	Heliotrope
⁴ <u>Heliotropium indicum</u> L.	Helitrope, Turnsole
<u>Lithospermum caroliniense</u> (J. F. Gmelin) MacM.	Puccoon
⁶ <u>Myosotis verna</u> Nuttall	Forget-me-not
⁴ <u>Onosmodium virginianum</u> (L.) A. DC.	False Gromwell
Brassicaceae (Cruciferae)	
<u>Arabidopsis thaliana</u> (L.) Heynhold	Mouse-ear Cress
³ <u>Brassica hirta</u> Moench	White Mustard
⁴ <u>Brassica juncea</u> (L.) Cosson	Leaf Mustard
<u>Camelina microcarpa</u> Andrz.	False Flax
⁴ <u>Capsella bursa-pastoris</u> (L.) Medicus	Shepherd's-purse
⁴ <u>Cardamine bulbosa</u> (Schreber) BSP	Bitter Cress
³ <u>Cardamine hirsuta</u> L.	Bitter Cress

⁶ <u>Cardamine parviflora</u> var. <u>arenicola</u> (Britton) O. E. Schultz	Bitter Cress
³ <u>Descursinia pinnata</u> (Walter) Britton <u>Draba brachycarpa</u> Nuttall ex T. & G. <u>Lepidium virginicum</u> L.	Tansy Mustard Poor-man's Pepper
⁴ <u>Nasturtium officinale</u> R. Brown <u>Raphanus raphanistrum</u> L. <u>Rorippa islandica</u> (Oeder) Borbas	Watercress Wild Radish Yellow Cress
⁵ <u>Rorippa sessiliflora</u> (Nuttall) Hitchcock <u>Warea cuneifolia</u> (Muhl.) Nuttall	Yellow Cress
Bromeliaceae	
<u>Tillandsia usneoides</u> L.	Spanish Moss
Cabombaceae	
⁶ <u>Brasenia schreberi</u> Gmelin ⁴ <u>Cabomba caroliniana</u> Gray	Water Shield Fanwort
Cactaceae	
<u>Opuntia compressa</u> (Salisbury) Macbride	Prickly Pear
Callitrichaceae	
<u>Callitriche heterophylla</u> Pursh	Water Starwort
Calycanthaceae	
⁶ <u>Calycanthus floridus</u> L.	Sweet-shrub
Campanulaceae	
<u>Lobelia boykinii</u> T. & G. ⁴ <u>Lobelia canbyi</u> Gray <u>Lobelia cardinalis</u> L. ⁵ <u>Lobelia elongata</u> Small ⁵ <u>Lobelia nuttallii</u> R. & S. ⁶ <u>Lobelia puberula</u> Michaux ³ <u>Lobelia spicata</u> Lam. <u>Specularia biflora</u> (R. & P.) F. & M. <u>Specularia perfoliata</u> (L.) A. DC. ⁶ <u>Sphenoclea zeylandica</u> Gaertner <u>Wahlenbergia marginata</u> (Thunberg) DC.	Swamp Lobelia Lobelia Cardinal Flower Lobelia Slender Lobelia Lobelia Pale Spike Lobelia Venus' Looking-glass Venus' Looking-glass
Cannaceae	
⁶ <u>Canna x generalis</u> Bailey	Canna
Capparaceae	
⁴ <u>Cleome houtteana</u> Raf.	Spider-flower
Caprifoliaceae	
⁶ <u>Lonicera fragrantissima</u> Lindley & Pax <u>Lonicera japonica</u> Thunberg <u>Lonicera sempervirens</u> L. <u>Sambucus canadensis</u> L.	Sweet-breath-of-spring Japanese Honeysuckle Coral Honeysuckle Elderberry

<u>*Viburnum cassinoides</u> L.	Withe-rod
<u>Viburnum dentatum</u> L.	Arrowwood
<u>Viburnum nudum</u> L.	Possum Haw
<u>Viburnum prunifolium</u> L.	Black Haw
<u>Viburnum rufidulum</u> Raf.	Blue Haw
Caryophyllaceae	
<u>*Agrostemma githago</u> L.	Corn-cockle
<u>Arenaria caroliniana</u> Walter	Sandwort
<u>*Arenaria serpyllifolia</u> L.	Creeping Sandwort
<u>Cerastium glomeratum</u> Thuillier	Mouse-ear Chickweed
<u>Cerastium holosteoides</u> var. <u>vulgare</u> (Hartman) Hylander	Mouse-ear Chickweed
<u>Dianthus armeria</u> L.	Pink
<u>Holosteum umbellatum</u> L.	Jagged Chickweed
<u>Paronychia americana</u> (Nuttall) Fenzl ex Walpers	
<u>*Paronychia fastigiata</u> (Raf.) Fernald	Whitlow-wort
<u>Paronychia riparia</u> Chapman	
<u>Sagina decumbens</u> (Ell.) T. & G.	Pearlwort
<u>Saponaria officinalis</u> L.	Soapwort, Bouncing Bet
<u>*Scleranthus annuus</u> L.	
<u>*Silene antirrhina</u> L.	Sleepy Catchfly
<u>Silene caroliniana</u> Walter	Wild Pink
<u>*Silene cucubalus</u> Wibel	Bladder Campion
<u>*Silene stellata</u> (L.) Aiton f.	Starry Campion
<u>Stellaria media</u> (L.) Cyrillo	Chickweed
<u>Stipulicida setacea</u> Michaux	Pine Pink
Celastraceae	
<u>Euonymus americanus</u> L.	Strawberry Bush
Ceratophyllaceae	
<u>*Ceratophyllum demersum</u> L.	Hornwort
Chenopodiaceae	
<u>Chenopodium album</u> L.	Lamb's Quarters
<u>Chenopodium ambrosioides</u> L.	Mexican Tea
<u>Cycloloma artriplicifolium</u> (Sprengel) Coulter	Winged Pigweed
Cistaceae	
<u>*Helianthemum canadense</u> (L.) Michaux	Rockrose, Frostweed
<u>Helianthemum rosmarinifolium</u> Pursh	Rockrose, Frostweed
<u>*Lechea minor</u> L.	Pinweed
<u>*Lechea patula</u> Leggett	Pinweed
<u>Lechea tenuifolia</u> Michaux	Pinweed
<u>Lechea villosa</u> Ell.	Pinweed

Clethraceae

- Clethra alnifolia L. Sweet Pepperbush
 *Clethra alnifolia var. tomentosa (Lam.)
 Michaux White Alder

Commelinaceae

- Aneilema keisak Hasskarl Dayflower
Commelina communis L. Dayflower
Commelina diffusa Burman f. Dayflower
Commelina erecta L. Dayflower
Commelina virginica L. Dayflower
Tradescantia ohiensis Raf. Spiderwort
Tradescantia rosea Vent. Spiderwort
Tradescantia rosea var. graminea (Small)
 Anderson & Woodson Spiderwort
Tradescantia rosea var. rosea

Convolvulaceae

- *Bonamia aquatica (Walter) Gray Bonamia
Bonamia humistrata (Walter) Gray Bonamia
 *Bonamia patens (Desr.) Shinners Bonamia
 *Calystegia sepium (L.) R. Brown Hedge Bindweed
Cuscuta campestris Yuncker Field Dodder
 *Cuscuta compacta Jussieu Compact Dodder
 *Cuscuta gronovii Willd. ex R. & S. Dodder
Cuscuta pentagona Engelm. Dodder
Dichondra carolinensis Michaux
 *Ipomoea coccinea L. Morning Glory
Ipomoea hederacea (L.) Jacquin Man-root
Ipomoea pandurata (L.) G.F.W. Meyer Morning Glory
Ipomoea trichocarpa Ell. Small-flower
 *Jacquemontia tammifolia (L.) Grisebach Morning Glory

Cornaceae

- Cornus amomum Miller Swamp Dogwood
Cornus florida L. Flowering Dogwood
Cornus stricta Lam. Stiff Cornel, Swamp
 Dogwood

Crassulaceae

- Penthorum sedoides L. Ditch Stonecrop

Cucurbitaceae

- *Cayaponia boykinii (T. & G.) Cogn. Cayaponia
Melothria pendula L. Creeping Cucumber

Cupressaceae

- Juniperus virginiana L. Red Cedar
Thuja occidentalis L. American Arbor Vitae

Cyperaceae

- Bulbostylis barbata (Rottboell) Clarke
 *Bulbostylis capillaris (L.) Clarke

- ⁶Bulbostylis ciliatifolia (Ell.) Fernald
²Bulbostylis stenophylla (Ell.) Clarke
⁴Carex abscondita Mackenzie Thicket Sedge
⁴Carex annectens Bicknell
Carex atlantica Bailey
⁴Carex bromoides Schkuhr Brome-like Sedge
⁴Carex bullata Schkuhr
⁴Carex bushii Mackenzie
⁴Carex cephalophora Muhl. ex Schkuhr Overhead Sedge
⁴Carex communis Bailey
Carex comosa Boott
Carex complanata Torrey & Hooker
⁴Carex crinita Lam. Fringed Sedge
⁴Carex crus-corvi Shuttlew. ex Kuntze
³Carex debilis Michaux
⁴Carex decomposita Muhl.
Carex digitalis Willd.
Carex festucacea Schkuhr
⁴Carex flaccosperma Dewey Thin-fruited Sedge
³Carex folliculata var. australis Bailey
Carex gigantea Rudge Large Sedge
Carex glaucescens Ell.
⁴Carex granularis Muhl. ex Schkuhr
Carex howei Mackenzie
Carex intumescens Rudge
Carex ioorii Bailey
Carex laevivaginata (Kukenthal)
Mackenzie
²Carex laxiflora Lam.
⁴Carex leptalea Wahlenberg Caspitose Sedge
Carex louisianica Bailey
⁴Carex lupulina Muhl. ex Schkuhr
Carex lurida Wahlenberg
Carex muhlenbergii Schkuhr
Carex nigromarginata Schweinitz
³Carex normalis Mackenzie
⁴Carex oligocarpa Schkuhr Few-fruited Sedge
Carex retroflexa Muhl. ex Schkuhr
⁴Carex schweinitzii Dewey Schweinitz's Sedge
⁴Carex scoparia Schkuhr Pointed Sedge
³Carex seorsa Howe
⁴Carex stipata Muhl. ex Schkuhr
⁴Carex styloflexa Buckley Bent Sedge
Carex tenax Chapman
Carex tribuloides Wahlenberg
Carex typhina Michaux
Carex verrucosa Muhl.
⁴Carex vulpinoidea Michaux
²Cyperus brevifolius (Rottboell) Hasskarl

<u>Cyperus compressus</u> L.	Flat Cyperus
<u>Cyperus dipsaciformis</u> Fernald	
* <u>Cyperus erythrorhizos</u> Muhl.	Red-rooted Cyperus
* <u>Cyperus esculentus</u> L.	Nut Grass
* <u>Cyperus ferruginescens</u> Boeckler	
<u>Cyperus filiculmis</u> Vahl	Nuttall's Cyperus
* <u>Cyperus flavescens</u> L.	Yellow Cyperus
* <u>Cyperus globulosus</u> Aublet	Baldwin's Cyperus
<u>Cyperus haspan</u> L.	Sheathed Cyperus
* <u>Cyperus iria</u> L.	Yellow Cyperus
* <u>Cyperus lancastriensis</u> Porter	Lancaster Cyperus
* <u>Cyperus odoratus</u> L.	Fragrant Cyperus
* <u>Cyperus ovularis</u> (Michaux) Torrey	
<u>Cyperus plukenetii</u> Fernald	Plukenet's Cyperus
* <u>Cyperus polystachyos</u> var. <u>texensis</u> (Torrey) Fernald	Coast Cyperus
<u>Cyperus pseudovegetus</u> Steudel	Marsh Cyperus
* <u>Cyperus refractus</u> Engelm. ex Boeckler	Reflexed Cyperus
<u>Cyperus retrofractus</u> (L.) Torrey	Rough Cyperus
<u>Cyperus retrorsus</u> Chapman	Nut Grass
<u>Cyperus rotundus</u> L.	
* <u>Cyperus strigosus</u> L.	
* <u>Cyperus tenuifolius</u> (Steudel) Dandy	Thin-leaved Cyperus
* <u>Cyperus virens</u> Michaux	Marsh Cyperus
<u>Dulichium arundinaceum</u> (L.) Britton	Three-way Sedge
* <u>Eleocharis acicularis</u> (L.) R. & S.	
<u>Eleocharis equisetoides</u> (Ell.) Torrey	
* <u>Eleocharis flavescens</u> (Poiret) Urban	
* <u>Eleocharis melanocarpa</u> Torrey	
<u>Eleocharis microcarpa</u> Torrey	
<u>Eleocharis obtusa</u> (Willd.) Schultes	Blunt Spikerush
* <u>Eleocharis quadrangulata</u> (Michaux) R. & S.	
* <u>Eleocharis robbinsii</u> Oakes	
<u>Eleocharis tortilis</u> (Link) Schultes	Twisted Spikerush
* <u>Eleocharis tricostata</u> Torrey	
<u>Eleocharis tuberculosa</u> (Michaux) R. & S.	Large-tubercled Spikerush
<u>Fimbristylis autumnalis</u> (L.) R. & S.	
<u>Fimbristylis dichotoma</u> (L.) Vahl	
<u>Fimbristylis spadicea</u> (L.) Vahl	
* <u>Fuirena pumila</u> Torrey	
* <u>Fuirena squarrosa</u> Michaux	Umbrella Grass
* <u>Lipocarpa maculata</u> (Michaux) Torrey	Beak Rush
<u>Psilocarya nitens</u> (Vahl) Wood	Bald Rush
* <u>Rhynchospora caduca</u> Ell.	
* <u>Rhynchospora capitellata</u> (Michaux) Vahl	Beak Rush
* <u>Rhynchospora chapmanii</u> M. A. Curtis	
<u>Rhynchospora corniculata</u> (Lam.) Gray	
<u>Rhynchospora globularis</u> (Chapman) Small	
<u>Rhynchospora glomerata</u> (L.) Vahl	
* <u>Rhynchospora grayi</u> Kunth	Beak Rush

[*] <u>Rhynchospora</u> <u>inexpansa</u> (Michaux) Vahl	Nodding Beak Rush
[*] <u>Rhynchospora</u> <u>intermixta</u> C. Wright	
<u>Rhynchospora</u> <u>macrostachya</u> Torrey	
<u>Rhynchospora</u> <u>rariflora</u> (Michaux) Ell.	
<u>Rhynchospora</u> <u>tracyi</u> Britton	
[*] <u>Scirpus</u> <u>cyperinus</u> (L.) Kunth	Knot Grass
[*] <u>Scirpus</u> <u>etuberculatus</u> (Steudel) Kuntze	Candy's Bulrush
[*] <u>Scirpus</u> <u>validus</u> Vahl	
[*] <u>Scleria</u> <u>ciliata</u> Michaux	Hairy Nutrush
[*] <u>Scleria</u> <u>oligantha</u> Michaux	Few-flowered Nutrush
[*] <u>Scleria</u> <u>pauciflora</u> Muhl. ex Willd.	Papillose Nutrush
[*] <u>Scleria</u> <u>reticularis</u> Michaux	Reticulated Nutrush
[*] <u>Scleria</u> <u>triglomerata</u> Michaux	Tall Nutrush
Cyrillaceae	
<u>Cyrilla</u> <u>racemiflora</u> L.	Titi
Dioscoreaceae	
<u>Dioscorea</u> <u>villosa</u> L.	Wild Yam
Droseraceae	
[*] <u>Drosera</u> <u>capillaris</u> Poiret	Sundew
<u>Drosera</u> <u>intermedia</u> Hayne	Sundew
[*] <u>Drosera</u> <u>leucantha</u> Shinners	Sundew
Ebenaceae	
[*] <u>Diospyros</u> <u>virginiana</u> L.	Persimmon
Elaeagnaceae	
[*] <u>Elaeagnus</u> <u>pungens</u> Thunberg	
<u>Elaeagnus</u> <u>umbellata</u> Thunberg	Silverberry
Empetraceae	
[*] <u>Ceratiola</u> <u>ericoides</u> Michaux	Rosemary
Equisetaceae	
[*] <u>Equisetum</u> <u>hyemale</u> L.	Scouring Rush
Ericaceae	
<u>Chimaphila</u> <u>maculata</u> (L.) Pursh	Pipsissewa
<u>Epigaea</u> <u>repens</u> L.	Trailing Arbutus
[*] <u>Gaylussacia</u> <u>baccata</u> (Wang.) K. Koch	Black Huckleberry
<u>Gaylussacia</u> <u>dumosa</u> (Andrz.) T. & G.	Dwarf Huckleberry
<u>Gaylussacia</u> <u>frondosa</u> (L.) T. & G.	Dangleberry
<u>Kalmia</u> <u>latifolia</u> L.	Mountain Laurel
<u>Leucothoe</u> <u>axillaris</u> (Lam.) D. Don	Leucothoe
<u>Leucothoe</u> <u>racemosa</u> (L.) Gray	Fetterbush
[*] <u>Lyonia</u> <u>ferruginea</u> (Walter) Nuttall	Staggerbush
[*] <u>Lyonia</u> <u>ligustrina</u> (L.) DC.	Male-berry
<u>Lyonia</u> <u>lucida</u> (Lam.) K. Koch	Fetterbush
<u>Lyonia</u> <u>mariana</u> (L.) D. Don	Staggerbush

* <u>Monotropa hypopithys</u> L.	Pinesap
* <u>Monotropa uniflora</u> L.	Indian Pipe
<u>Oxydendrum arboreum</u> (L.) DC.	Sourwood
<u>Rhododendron canescens</u> (Michaux) Sweet	Wild Azalea
* <u>Rhododendron nudiflorum</u> (L.) Torrey	Pinxterflower
* <u>Rhododendron viscosum</u> (L.) Torrey	Swamp Azalea
<u>Vaccinium arboreum</u> Marshall	Sparkleberry
* <u>Vaccinium atrococcum</u> (Gray) Porter	Black Highbush Blueberry
<u>Vaccinium corymbosum</u> L.	Highbush Blueberry
<u>Vaccinium elliottii</u> Chapman	Elliott's Blueberry
<u>Vaccinium stamineum</u> L.	Squaw Huckleberry
<u>Vaccinium tenellum</u> Aiton	
* <u>Zenobia pulverulenta</u> (Bartram) Pollard	Zenobia

Eriocaulaceae

<u>Eriocaulon compressum</u> Lam.	Pipewort
* <u>Eriocaulon decangulare</u> L.	Pipewort
<u>Lachnocaulon anceps</u> (Walter) Morong	Bog Buttons

Euphorbiaceae

<u>Acalypha gracilens</u> Gray	Three-seeded Mercury
<u>Acalypha rhomboidea</u> Raf.	Three-seeded Mercury
<u>Acalypha setosa</u> A. Richard	Three-seeded Mercury
<u>Acalypha virginica</u> L.	Three-seeded Mercury
<u>Cnidocolus stimulosus</u> (Michaux) Engelm. & Gray	Tread-softly
<u>Croton capitatus</u> Michaux	Wooly Croton
<u>Croton glandulosus</u> var. <u>septentrionalis</u> Muell-Arg.	Croton
<u>Crotonopsis elliptica</u> Willd.	Crotonopsis
<u>Euphorbia corollata</u> L.	Flowering Spurge
<u>Euphorbia gracilior</u> Cronquist	
<u>Euphorbia heterophylla</u> L.	Painted-leaf
<u>Euphorbia ipecacuanhae</u> L.	Carolina Ipecac
<u>Euphorbia maculata</u> L.	Wartweed
<u>Euphorbia marginata</u> Pursh	Snow-on-the-mountain
* <u>Euphorbia mercurialina</u>	
<u>Euphorbia supina</u> Raf.	
<u>Phyllanthus caroliniensis</u> Walter	
<u>Sebastiania ligustrina</u> (Michaux) Muell-Arg.	Sebastian Bush
<u>Stillingia sylvatica</u> Garden	Queen's-delight
<u>Tragia urens</u> L.	Tragia

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Fabaceae

⁶ <u>Aeschynomene indica</u> L.	Mimosa
<u>Albizia julibrissin</u> Durazzini	Lead-plant, False Indigo
² <u>Amorpha fruticosa</u> L.	Hog Peanut
⁶ <u>Amphicarpa bracteata</u> (L.) Fernald	Groundnut
<u>Apios americana</u> Medicus	Peanut
⁴ <u>Arachis hypogaea</u> L.	Milk-pea
³ <u>Astragalus villosus</u> Michaux	White Wild Indigo
<u>Baptisia alba</u> (L.) R. Brown	
⁶ <u>Baptisia cinerea</u> (Raf.) Fernald & Schubert	Yellow Wild Indigo
⁶ <u>Baptisia lanceolata</u> (Walter) Ell.	
<u>Baptisia microphylla</u> Nuttall	Cat-bells
<u>Baptisia perfoliata</u> (L.) R. Brown	Yellow Wild Indigo
<u>Baptisia tinctoria</u> (L.) R. Brown	Partridge-pea
<u>Cassia fasciculata</u> Michaux	Wild Sensitive Plant
<u>Cassia nictitans</u> L.	Sicklepod
<u>Cassia obtusifolia</u> L.	Coffee Senna
⁶ <u>Cassia occidentalis</u> L.	Butterfly Pea
<u>Centrosema virginianum</u> (L.) Bentham	Redbud, Judas Tree
<u>Cercis canadensis</u> L.	Butterfly Pea
<u>Clitoria mariana</u> L.	Rattlebox
<u>Crotalaria angulata</u> Miller	Rattlebox
³ <u>Crotalaria lanceolata</u> E. Meyer	Rattlebox
³ <u>Crotalaria mucronata</u> Desvoux	Rattlebox
<u>Crotalaria purshii</u> DC.	Rattlebox
⁴ <u>Crotalaria sagittalis</u> L.	Wild-pea
<u>Crotalaria spectabilis</u> Roth	Rattlebox
³ <u>Daubentonia punicea</u> (Cav.) DC.	
⁵ , ⁶ <u>Desmodium ciliare</u> (Muhl. ex Willd.) DC.	Beggar's Lice
⁵ <u>Desmodium fernaldii</u> Schubert	Beggar's Lice
⁴ <u>Desmodium lineatum</u> DC.	Beggar's Lice
⁶ <u>Desmodium marilandicum</u> (L.) DC.	Beggar's Lice
<u>Desmodium nudiflorum</u> (L.) DC.	Beggar-ticks
⁵ <u>Desmodium paniculatum</u> (L.) DC.	Stick-tights
⁵ <u>Desmodium rotundifolium</u> DC.	Dollarleaf
⁶ <u>Desmodium strictum</u> (Pursh) DC.	Beggar's Lice
³ <u>Desmodium tortuosum</u> (Swartz) DC.	Beggar's Lice
³ <u>Galactia mollis</u> Michaux	Hairy Milk-pea
⁴ <u>Galactia regularis</u> (L.) BSP.	Milk-pea
⁴ <u>Galactia volubilis</u> (L.) Britton	Twining Milk pea
<u>Gleditsia aquatica</u> Marshall	Water Locust
⁴ <u>Glottidium vesicarium</u> (Jacquin) Mohr.	
<u>Indigofera caroliniana</u> Miller	Indigo Plant
³ <u>Lespedeza angustifolia</u> (Pursh) Ell.	
⁵ <u>Lespedeza bicolor</u> Turcz.	
³ <u>Lespedeza capitata</u> Michaux	
<u>Lespedeza cuneata</u> (Dumont) G. Don	Sericea
<u>Lespedeza hirta</u> (L.) Hornemann	Hairy Bush Clover

⁵ <u>Lespedeza intermedia</u> (Watson) Britton	Leafy Bush Clover
<u>Lespedeza procumbens</u> Michaux	Creeping Lespedeza
<u>Lespedeza repens</u> (L.) Barton	Creeping Lespedeza
⁵ <u>Lespedeza stipulacea</u> Maxim.	Korean Clover
<u>Lespedeza striata</u> (Thunberg) H. & A.	Japanese Clover
³ <u>Lespedeza stuevei</u> Nuttall	
<u>Lespedeza virginica</u> (L.) Britton	
<u>Lupinus diffusus</u> Nuttall	Sandhill Lupine
³ <u>Lupinus villosus</u> Willd.	Lupine
² <u>Medicago lupulina</u> L.	Black Medic
<u>Melilotus alba</u> Desr.	White Sweet Clover
<u>Petalostemum pinnatum</u> (Walter ex J. F. Gmelin) Blake	Summer-farewell
⁵ <u>Phaseolus polystachios</u> (L.) BSP.	Bean Vine
⁴ <u>Phaseolus sinuatus</u> Nuttall ex T. & G.	Wild Bean
⁴ <u>Psoralea canescens</u> Michaux	Hairy Psoralea
<u>Psoralea psoralioides</u> (Walter) Cory	Samson Snakeroot
⁵ <u>Pueraria lobata</u> (Willd.) Ohwi	Kudzu
⁵ <u>Rhynchosia difformis</u> (Ell.) DC.	Spreading Rhynchosia
<u>Rhynchosia reniformis</u> DC.	Dollar Weed
<u>Rhynchosia tomentosa</u> (L.) H. & A.	Upright Rhynchosia
<u>Robinia hispida</u> L.	Bristly Locust
⁶ <u>Robinia nana</u> Ell.	
<u>Robinia pseudo-acacia</u> L.	Black Locust
<u>Schrankia microphylla</u> (Solander ex Smith) Macbride	Sensitive Brier
<u>Strophostyles umbellata</u> (Muhl. ex Willd.) Britton	Wild Bean
<u>Stylosanthes biflora</u> (L.) BSP.	Pencil-flower
<u>Tephrosia florida</u> (Dietrich) C. E. Wood	
³ <u>Tephrosia hispidula</u> (Michaux) Persoon	
<u>Tephrosia spicata</u> (Walter) T. & G.	Hoary Pea
<u>Tephrosia virginiana</u> (L.) Persoon	Goat's Rue
<u>Trifolium arvense</u> L.	Rabbit Foot Clover
<u>Trifolium campestre</u> Schreber	Low Hop Clover
<u>Trifolium dubium</u> Sibthorp	Low Hop Clover
⁵ <u>Trifolium incarnatum</u> L.	Crimson Clover
⁴ <u>Trifolium pratense</u> L.	Red Clover
⁴ <u>Trifolium reflexum</u> L.	Buffalo Clover
<u>Trifolium repens</u> L.	White Clover
<u>Vicia angustifolia</u> Reichard	Common Vetch
³ <u>Vicia hirsuta</u> (L.) S. F. Gray	Hairy Vetch
³ <u>Wisteria floribunda</u> (Willd.) DC.	Wisteria
³ <u>Wisteria frutescens</u> (L.) Poiret	Wisteria
⁵ <u>Wisteria sinensis</u> (Sims) Sweet	Wisteria
<u>Zornia bracteata</u> Walter ex J. F. Gmelin	Zornia
Fagaceae	
³ <u>Castanea pumila</u> (L.) Miller	Chinquapin
⁶ <u>Fagus grandifolia</u> Ehrhart	Beech
<u>Quercus alba</u> L.	White Oak

<u>Quercus falcata</u> Michaux	Southern Red Oak
<u>Quercus falcata</u> var. <u>pagodaefolia</u> Ell.	Cherrybark Oak
<u>Quercus incana</u> Bartram	Blue Jack Oak
<u>Quercus laevis</u> Walter	Turkey Oak
<u>Quercus laurifolia</u> Michaux	Laurel Oak
⁵ <u>Quercus lyrata</u> Walter	Overcup Oak
<u>Quercus margaretta</u> Ashe	Scrubby Post Oak
<u>Quercus marilandica</u> Muenchh.	Black Jack Oak
<u>Quercus michauxii</u> Nuttall	Swamp Chestnut Oak
<u>Quercus nigra</u> L.	Water Oak
<u>Quercus phellos</u> L.	Willow Oak
³ <u>Quercus shumardii</u> Buckley	Swamp Red Oak
<u>Quercus stellata</u> Wang.	Post Oak
<u>Quercus velutina</u> Lam.	Black Oak
⁶ <u>Quercus virginiana</u> Miller	Live Oak
Fumariaceae	
<u>Corydalis flavula</u> (Raf.) DC.	
Gentianaceae	
⁶ <u>Bartonia paniculata</u> (Michaux) Muhl.	Screwstem
⁶ <u>Bartonia verna</u> (Michaux) Muhl.	Bartonia
² <u>Gentiana catesbaei</u> Walter	Gentian
⁴ <u>Gentiana saponaria</u> L.	Soapwort Gentian
⁴ <u>Gentiana villosa</u> L.	Gentian
⁶ <u>Nymphoides aquatica</u> (Walter ex J. F. Gmelin) Kuntze	Floating Heart
<u>Nymphoides cordata</u> (Ell.) Fernald	Floating Heart
<u>Sabatia angularis</u> (L.) Pursh	Rose Pink
<u>Sabatia calycina</u> (Lam.) Heller	Marsh Pink
⁵ , ⁶ <u>Sabatia campanulata</u> (L.) Torrey	Narrow-leaved Pink
<u>Sabatia quadrangula</u> Wilbur	
Geraniaceae	
<u>Geranium carolinianum</u> L.	Carolina Geranium
Haemodoraceae	
<u>Lachnanthes caroliniana</u> (Lam.) Dandy	Redroot
Haloragaceae	
⁶ <u>Myriophyllum brasiliense</u> Camb.	Parrot-feather
⁶ <u>Myriophyllum heterophyllum</u> Michaux	Water Milfoil
<u>Myriophyllum pinnatum</u> (Walter) BSP	
² , ⁶ <u>Myriophyllum spicatum</u> L.	Eurasian Water Milfoil
<u>Proserpinaca palustris</u> L.	Mermaid Weed
<u>Proserpinaca pectinata</u> Lam.	Mermaid Weed
Hamamelidaceae	
<u>Hamamelis virginiana</u> L.	Witch-hazel
<u>Liquidambar styraciflua</u> L.	Sweet-gum

Hippocastanaceae		
	<u>Aesculus pavia</u> L.	Red Buckeye
Hydrocharitaceae		
	⁶ <u>Vallisneria americana</u> Michaux	Eelgrass
Hydrophyllaceae		
	<u>Hydrolea quadrivalvis</u> Walter	Hydrolea
	⁶ <u>Phacelia dubia</u> (L.) Trelease	
Hypericaceae		
	³ <u>Hypericum canadense</u> L.	Hypericum
	<u>Hypericum cistifolium</u> Lam.	Hypericum
	<u>Hypericum denticulatum</u> var. <u>recognitum</u> Fernald & Schubert	Coppery St. John's Wort
	³ <u>Hypericum drummondii</u> (Grev. & Hooker) T. & G.	
	<u>Hypericum gentianoides</u> (L.) BSP.	Pineweed
	⁶ <u>Hypericum gymnanthum</u> Engelm. & Gray	
	<u>Hypericum hypericoides</u> (L.) Crantz	St. Andrew's Cross
	<u>Hypericum mutilum</u> L.	Dwarf St. John's Wort
	<u>Hypericum nudiflorum</u> Michaux ex Willd.	
	<u>Hypericum punctatum</u> Lam.	
	³ <u>Hypericum setosum</u> L.	
	⁶ <u>Hypericum stans</u> (Michaux) P. Adams & Robson	St. Peter's Wort
	³ <u>Hypericum suffruticosum</u> P. Adams & Robson	
	⁶ <u>Hypericum tubulosum</u> Walter	
	<u>Hypericum virginicum</u> L.	
	<u>Hypericum walteri</u> Gmelin	Marsh St. John's Wort
Illiciaceae		
	¹ <u>Illicium anisatum</u> L.	Anise
Iridaceae		
	³ <u>Gladiolus x gandovensis</u> Van Houtte	Gladiolus
	⁴ <u>Iris verna</u> L.	Dwarf Iris
	^{1, 4} <u>Iris versicolor</u> L.	Blue Flag
	<u>Iris virginica</u> L.	Blue Flag
	<u>Sisyrinchium angustifolium</u> Miller	Blue-eyed Grass
	<u>Sisyrinchium arenicola</u> Bicknell	Blue-eyed Grass
	<u>Sisyrinchium mucronatum</u> var. <u>atlanticum</u> (Bicknell) Ahles	Blue-eyed Grass
Juglandaceae		
	⁶ <u>Carya aquatica</u> (Michaux f.) Nuttall	Water Hickory
	<u>Carya glabra</u> (Miller) Sweet	Pignut Hickory
	<u>Carya illinoensis</u> (Wang.) K. Koch	Pecan
	⁴ <u>Carya pallida</u> (Ashe) Engler & Graebner	Pale Hickory
	⁴ <u>Carya tomentosa</u> (Poiret) Nuttall	Mockernut Hickory
	<u>Juglans nigra</u> L.	Black Walnut

Juncaceae

<u>Juncus acuminatus</u> Michaux	Knot-leaved Rush
<u>Juncus biflorus</u> Ell.	Large Grass-leaved Rush
⁴ <u>Juncus brachycarpus</u> Engelm.	Short-fruited Rush
⁴ <u>Juncus bufonius</u> L.	Toad Rush
<u>Juncus canadensis</u> J. Gay ex La Harpe	Canada Rush
<u>Juncus coriaceus</u> Mackenzie	Wood Rush
<u>Juncus debilis</u> Gray	Weak Rush
<u>Juncus dichotomus</u> Ell.	Forked Rush
<u>Juncus diffusissimus</u> Buckley	Diffuse Rush
<u>Juncus effusus</u> L.	Common Rush
³ <u>Juncus elliotii</u> Chapman	Elliott's Rush
⁶ <u>Juncus marginatus</u> Rostk.	
⁴ <u>Juncus platyphyllus</u> (Wiegand) Fernald	Sand Rush
<u>Juncus polycephalus</u> Michaux	
<u>Juncus repens</u> Michaux	Creeping Rush
⁴ <u>Juncus secundus</u> Beauvois ex Poiret	
<u>Juncus scirpoides</u> Lam.	Sedge-like Rush
<u>Juncus tenuis</u> Willd.	Path Rush
⁴ <u>Luzula acuminata</u> Raf.	Woodrush
⁴ <u>Luzula echinata</u> (Small) Hermann	Woodrush

Lamiaceae (Labiatae)

⁴ <u>Dracocephalum purpureum</u> (Walter) McClintock	False Dragonhead
⁴ <u>Glechoma hederacea</u> L.	Gill-over-the-ground
⁵ <u>Hedeoma pulegioides</u> (L.) Persoon	Pennyroyal
<u>Lamium amplexicaule</u> L.	Henbit
³ <u>Leonotis nepetaefolia</u> R. Brown	Lion's-ear
⁵ <u>Lycopus americanus</u> Muhl. ex Barton	Bugle-weed
⁶ <u>Lycopus amplexans</u> Raf.	Bugle-weed
<u>Lycopus rubellus</u> Moench	Water Horehound
⁴ <u>Lycopus uniflorus</u> Michaux	Bugle-weed
³ <u>Lycopus virginicus</u> L.	Bugle-weed
<u>Macbridea caroliniana</u> (Walter) Blake	
<u>Mentha piperita</u> L.	Peppermint
⁴ <u>Monarda fistulosa</u> L.	Horse-mint
³ <u>Monarda punctata</u> L.	
⁵ <u>Nepeta cataria</u> L.	Catnip
<u>Prunella vulgaris</u> L.	Heal-all
<u>Pycnanthemum flexuosum</u> (Walter) BSP	Narrow-leaved Mint
<u>Pycnanthemum incanum</u> (L.) Michaux	Mountain Mint
<u>Salvia azurea</u> Lam.	Sage
<u>Salvia lyrata</u> L.	Sage
<u>Salvia urticifolia</u> L.	Sage
<u>Scutellaria elliptica</u> Muhl.	Skullcap
<u>Scutellaria integrifolia</u> L.	Skullcap
<u>Scutellaria laterifolia</u> L.	Skullcap
<u>Stachys floridana</u> Shuttlew.	

<u>Stachys hyssopifolia</u> Michaux	
<u>Trichostema dichotomum</u> L.	Blue Curls
<u>Trichostema setaceum</u> Houttuyn	Blue Curls
Lauraceae	
<u>Lindera benzoin</u> (L.) Blume	Spicebush
<u>Persea borbonia</u> (L.) Sprengel	Red Bay
<u>Sassafras albidum</u> (Nuttall) Nees	Sassafras
Lemnaceae	
³ <u>Lemna perpusilla</u> Torrey	Duckweed
⁵ <u>Spirodela oligorrhiza</u> (Kurz) Hegelm.	
⁵ <u>Wolffia papulifera</u> Thompson	Water-meal
⁶ <u>Wolffiella floridana</u> (J.D. Smith) Thompson	
Lentibulariaceae	
<u>Pinguicula lutea</u> Walter	Butterwort
<u>Utricularia biflora</u> Lam.	Bladderwort
<u>Utricularia fibrosa</u> Walter	Bladderwort
⁴ <u>Utricularia gibba</u> L.	Small Bladderwort
⁵ <u>Utricularia inflata</u> Walter	Inflated Bladderwort
<u>Utricularia inflata</u> var. <u>minor</u> (L.) Chapman	Inflated Bladderwort
<u>Utricularia olivacea</u> Wright ex Grisebach	Bladderwort
<u>Utricularia purpurea</u> Walter	Purple Bladderwort
⁶ <u>Utricularia subulata</u> L.	Bladderwort
Liliaceae	
⁵ <u>Aletris farinosa</u> L.	Stargrass, Colicroot
<u>Allium ampeloprasum</u> L.	Wild Leek
<u>Allium bivalve</u> (L.) Kuntze	False Garlic
<u>Allium canadense</u> L.	Wild Onion
<u>Allium canadense</u> var. <u>mobile</u> (Regel) Ownbey	Wild Onion
<u>Allium cuthbertii</u> Small	
<u>Allium vineale</u> L.	Field Garlic
<u>Amianthium muscaetoxicum</u> (Walter) Gray	Fly Poison
<u>Asparagus officinalis</u> L.	Asparagus
<u>Hemerocallis fulva</u> L.	Daylily
⁵ <u>Medeola virginiana</u> L.	Indian Cucumber-root
⁴ <u>Melanthium hybridum</u> Walter	Bunch-flower
<u>Nolina georgiana</u> Michaux	Sandhill Lily
<u>Polygonatum biflorum</u> (Walter) Ell.	Solomon's-seal
<u>Smilacina racemosa</u> (L.) Desf.	False Solomon's-seal
<u>Smilax bona-nox</u> L.	Catbrier
³ <u>Smilax ecirrhata</u> var. <u>hugeri</u> (Small) Ahles	Carrion-flower
³ <u>Smilax glauca</u> Walter	Sawbrier
³ <u>Smilax herbacea</u> L.	

<u>Smilax laurifolia</u> L.	Bamboo
<u>Smilax pumila</u> Walter	Sarsaparilla-vine
<u>Smilax rotundifolia</u> L.	Greenbrier
<u>Smilax smallii</u> Morong	Greenbrier
<u>Smilax walteri</u> Pursh .	Coral Greenbrier
^{1,4} <u>Trillium sessile</u> L.	Toadshade
⁴ <u>Trillium viride</u> Beck	
<u>Uvularia perfoliata</u> L.	Bellwort
⁴ <u>Uvularia pudica</u> (Walter) Fernald	Hairy Bellwort
⁶ <u>Uvularia sessilifolia</u> L.	Bellwort
<u>Yucca filamentosa</u> L.	Bear-grass
<u>Yucca filamentosa</u> var. <u>smalliana</u> (Fernald) Ahles	
³ <u>Zigadenus densus</u> (Desr.) Fernald	Black Snakeroot
Linaceae	
⁶ <u>Linum striatum</u> Walter	Wild Flax
⁶ <u>Linum virginianum</u> var. <u>medium</u> Planchon	Yellow Flax
Loganiaceae	
⁶ <u>Buddleja lindleyana</u> Fortune	Butterflybush
<u>Cynoctonum mitreola</u> (L.) Britton	Miterwort
⁴ <u>Cynoctonum sessilifolium</u> Walter ex J. F. Gmelin	Sessile-leaved Miterwort
<u>Gelsemium sempervirens</u> (L.) Aiton f.	Yellow Jessamine
<u>Polyprenum procumbens</u> L.	Polyprenum
<u>Spigelia marilandica</u> L.	Indian Pink
Loranthaceae	
<u>Phoradendron serotinum</u> (Raf.) M. C. Johnston	Mistletoe
Lycopodiaceae	
⁶ <u>Lycopodium appressum</u> (Chapman) Lloyd & Underwood	Southern Bog Clubmoss
^{8,6} <u>Lycopodium flabelliforme</u> (Fernald) Blanchard	Running-pine
⁸ <u>Lycopodium obscurum</u> L.	Groundpine
Lythraceae	
⁶ <u>Ammannia coccinea</u> Rottboell	
<u>Decodon verticillatus</u> (L.) Ell.	Water Willow
¹ <u>Lagerstroemia indica</u> L.	Crepe Myrtle
<u>Rotala ramosior</u> (L.) Koehne	
Magnoliaceae	
<u>Liriodendron tulipifera</u> L.	Tulip Tree
⁶ <u>Magnolia grandiflora</u> L.	Bull Bay
<u>Magnolia virginiana</u> L.	Sweet Bay
Malvaceae	
⁴ <u>Hibiscus militaris</u> Cav.	Halberd-leaved Marsh Mallow

<u>⁵Hibiscus moscheutos</u> L.	Rose Mallow
<u>Sida rhombifolia</u> L.	False Mallow
<u>⁴Sida spinosa</u> L.	Prickly Mallow
Mayacaceae	
<u>Mayaca aubletii</u> Michaux	Bog Moss
Melastomataceae	
<u>Rhexia alifanus</u> Walter	Meadow-beauty
<u>⁶Rhexia aristosa</u> Britton	Awn-Petaled Meadow-beauty
<u>Rhexia mariana</u> L.	Pale Meadow-beauty
<u>Rhexia mariana</u> var. <u>exalbida</u> Michaux	Pale Meadow-beauty
<u>Rhexia petiolata</u> Walter	Meadow-beauty
<u>Rhexia virginica</u> L.	Deer Grass
Meliaceae	
<u>Melia azedarach</u> L.	China-berry
Menispermaceae	
<u>Cocculus carolinus</u> (L.) DC	Coralbeads
Moraceae	
<u>Broussonetia papyrifera</u> (L.) Vent.	Paper Mulberry
<u>Morus alba</u> L.	White Mulberry
<u>Morus rubra</u> L.	Red Mulberry
Myricaceae	
<u>Myrica cerifera</u> L.	Wax Myrtle
<u>Myrica heterophylla</u> Raf.	Bayberry
Najadaceae	
<u>⁶Najas gracillima</u> Magnus	Bushy Pondweed
<u>⁶Najas guadalupensis</u> (Sprengel) Magnus	Bushy Pondweed
Nelumbonaceae	
<u>Nelumbo lutea</u> (Willd.) Persoon	Yellow Nelumbo, Pond Nut
Nymphaeaceae	
<u>Nuphar luteum</u> (L.) Sibthorp & Smith	Cow-lily, Spatter-dock
<u>Nymphaea odorata</u> Aiton	Water-lily
Nyssaceae	
<u>Nyssa aquatica</u> L.	Tupelo Gum, Water Tupelo
<u>⁶Nyssa sylvatica</u> Marshall	Black Gum
<u>⁶Nyssa sylvatica</u> var. <u>biflora</u> (Walter) Sargent	Water Gum
Oleaceae	
<u>Chionanthus virginicus</u> L.	Fringe-tree
<u>Forestiera acuminata</u> (Michaux) Poiret	Swamp Privet
<u>⁶Fraxinus americana</u> L.	White Ash

<u>Fraxinus caroliniana</u> Miller	Water Ash
⁵ <u>Fraxinus pennsylvanica</u> var. <u>subintegerrima</u> (Vahl) Fernald	Red Ash
⁴ <u>Fraxinus tomentosa</u> Michaux f.	Pumpkin Ash
¹ <u>Jasminum mesnyi</u> Hance	Jasmine
^{1, 3} <u>Jasminum nudiflorum</u> Lindl.	Jasmine
<u>Ligustrum japonicum</u> Thunberg	Privet
<u>Ligustrum sinense</u> Lour.	Privet
^{5, 6} <u>Osmanthus americana</u> (L.) Gray	Wild Olive

Onagraceae

⁵ <u>Gaura biennis</u> L.	
⁶ <u>Gaura filipes</u> Spach	
<u>Ludwigia alternifolia</u> L.	Seedbox
<u>Ludwigia arcuata</u> Walter	
<u>Ludwigia decurrens</u> Walter	Primrose Willow
⁶ <u>Ludwigia glandulosa</u> Walter	Seedbox
<u>Ludwigia hirtella</u> Raf.	Hairy Seedbox
<u>Ludwigia leptocarpa</u> (Nuttall) Hara	Water Primrose
⁶ <u>Ludwigia linearis</u> Walter	
⁶ <u>Ludwigia palustris</u> (L.) Ell.	Water Purslane
⁵ <u>Ludwigia pilosa</u> Walter	
<u>Ludwigia spathulata</u> T. & G.	Spathulate Seedbox
<u>Ludwigia sphaerocarpa</u> Ell.	Round Seedbox
⁶ <u>Ludwigia suffruticosa</u> Walter	Woody Seedbox
⁴ <u>Ludwigia virgata</u> Michaux	Seedbox
<u>Oenothera biennis</u> L.	Evening Primrose
<u>Oenothera fruticosa</u> L.	Sundrops
<u>Oenothera laciniata</u> Hill	Evening Primrose
⁴ <u>Oenothera speciosa</u> Nuttall	Primrose
³ <u>Oenothera tetragona</u> Roth	Sundrops

Orchidaceae

⁴ <u>Calopogon pulchellus</u> (Salisbury) R. Brown	Grass-pink
⁴ <u>Epidendrum conopseum</u> R. Brown	Green-fly Orchid
^{5, 6} <u>Goodyera pubescens</u> (Willd.) R. Brown	Downy Rattlesnake-plantain
⁴ <u>Habenaria ciliaris</u> (L.) R. Brown	Yellow Fringed-orchid
<u>Habenaria clavellata</u> (Michaux) Sprengel	Small Green Wood-orchid
<u>Habenaria cristata</u> (Michaux) R. Brown	Crested Fringed-orchid
<u>Habenaria flava</u> (L.) R. Brown	Southern Rein-orchid
<u>Habenaria lacera</u> (Michaux) Lodd.	Green Fringed-orchid
⁴ <u>Habenaria quinqueseta</u> (Michaux) Eaton	Long-horned Habenaria
<u>Habenaria repens</u> Nuttall	Water-spider Orchid
<u>Hexalectris spicata</u> (Walter) Barnhart	Crested Coral-root
<u>Malaxis unifolia</u> Michaux	Green Adder's Mouth
⁴ <u>Pogonia ophioglossoides</u> (L.) Ker	Rose Pogonia
⁶ <u>Spiranthes cernua</u> (L.) Richard	Nodding Ladies' Tresses
⁴ <u>Spiranthes gracilis</u> (Bigelow) Beck	Slender Ladies' Tresses
⁵ <u>Spiranthes grayi</u> Ames	Little Ladies' Tresses
⁴ <u>Spiranthes ovalis</u> Lindley	Lesser Ladies' Tresses

<u>Spiranthes praecox</u> (Walter) Watson	Grass-leaved Ladies' Tresses
⁵ <u>Spiranthes vernalis</u> Engelm. & Gray	Spring Ladies' Tresses
<u>Tipularia discolor</u> (Pursh) Nuttall	Crane-fly Orchid
Orobanchaceae	
<u>Conopholis americana</u> (L.) Wallroth	Squaw-root, Cancer-root
<u>Epifagus virginiana</u> (L.) Barton	Beech-drops
Osmundaceae	
<u>Osmunda cinnamomea</u> L.	Cinnamon Fern
<u>Osmunda regalis</u> var. <u>spectabilis</u> (Willd.) Gray	Royal Fern
Ophioglossaceae	
<u>Botrychium dissectum</u> Sprengel	Common Grapefern
⁵ <u>Botrychium virginianum</u> (L.) Swartz	Rattlesnake Fern
³ , ⁵ <u>Ophioglossum vulgatum</u> var. <u>pycnostichum</u> Fernald	Southern Adder's-tongue
Oxalidaceae	
³ <u>Oxalis corniculata</u> L.	Creeping Lady's Sorrel
<u>Oxalis dillenii</u> Jacquin	Creeping Lady's Sorrel
⁴ <u>Oxalis stricta</u> L.	Yellow Wood Sorrel
<u>Oxalis violacea</u> L.	Violet Wood Sorrel
Papaveraceae	
⁴ <u>Argemone albiflora</u> Hornemann	Prickly Poppy
<u>Sanguinaria canadensis</u> L.	Bloodroot
Passifloraceae	
<u>Passiflora incarnata</u> L.	Maypops
<u>Passiflora lutea</u> L.	Yellow Passion Flower
¹ Phrymaceae	
<u>Phryma leptostachya</u> L.	Lop-seed
Phytolaccaceae	
<u>Phytolacca americana</u> L.	Poke
Pinaceae	
³ <u>Pinus clausa</u> (Chapman) Vasey	Sand Pine
<u>Pinus echinata</u> Miller	Short-leaf Pine
⁶ <u>Pinus elliottii</u> Engelm.	Slash Pine
<u>Pinus palustris</u> Miller	Long-leaf Pine
<u>Pinus serotina</u> Michaux	Pond Pine
<u>Pinus taeda</u> L.	Loblolly Pine
Plantaginaceae	
<u>Plantago aristata</u> Michaux	Bracted Plantain
⁴ <u>Plantago heterophylla</u> Nuttall	Small Plantain

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Plantago hookeriana var nuda (Gray) Poe
Plantago lanceolata L.
Plantago virginica L.

Plantain
 English Plantain
 Field Plantain

Platanaceae

Platanus occidentalis L.

Sycamore

Poaceae (Gramineae)

Agrostis hyemalis (Walter) BSP.
Agrostis perennans (Walter) Tuckerman
Aira elegans Willd. ex Gaudin
Andropogon elliotii Chapman
⁴Andropogon gerardii Vitman
Andropogon scoparius Michaux
Andropogon ternarius Michaux
Andropogon virginicus L.
²Andropogon virginicus var. abbreviatus
 (Hackel) Fernald & Griscom
Anthraenantia villosa (Michaux) Beauvois
Aristida affinis (Schultes) Kunth
Aristida dichotoma Michaux
⁶Aristida lanosa Muhl. ex Ell.
Aristida longespica Poiret
⁴Aristida oligantha Michaux
³Aristida purpurascens Poiret
⁴Aristida stricta Michaux
Aristida tuberculosa Nuttall
Arundinaria gigantea (Walter) Muhl.
Arundo donax L.
⁶Avena sativa L.
⁴Axonopus affinis Chase
², ⁴Axonopus compressus (Swartz) Beauv.
⁶Briza minor L.
Bromus catharticus Vahl
Bromus japonicus Thunberg
⁴Bromus secalinus L.
³Cenchrus echinatus L.
⁴Cenchrus incertus M.A. Curtis
Cenchrus longispinus (Hackel) Fernald
⁴Cinna arundinacea L.
Cynodon dactylon (L.) Persoon
Dactylis glomerata L.
⁴Dactyloctenium aegyptium (L.) Beauvois
Danthonia sericea Nuttall
⁴Danthonia spicata (L.) Beauvois ex R. & S.
Digitaria filiformis (L.) Koeler
Digitaria filiformis var. villosa (Walter)
 Fernald
Digitaria ischaemum (Schreber) Schreber
 ex Muhl.
Digitaria sanguinalis (L.) Scopoli
⁴Echinochloa colonum (L.) Link

Bent Grass
 Bent Grass
 Hair Grass
 Elliott Beard Grass
 Bluestem
 Little Bluestem
 Silver Beard
 Broom Sedge

 Beggarseed Grass

 Three Awn Grass
 Three Awn Grass
 Three Awn Grass
 Prairie Three Awn
 Three Awn Grass

 Three Awn Grass
 Cane
 Giant Reed
 Oats
 Carpetgrass

 Quaking Grass
 Brome Grass
 Brome Grass
 Cheat
 Sandspurs
 Bulldog
 Sandspurs
 Stout Woodreed
 Bermuda Grass
 Orchard Grass
 Crowfoot Grass
 Oat Grass
 Poverty Oatgrass
 Crab Grass

 Crab Grass

 Common Crab Grass
 Jungle Rice

<u>Echinochloa crusgalli</u> (L.) Beauvois	Barnyard Grass
⁶ <u>Echinochloa walteri</u> (Pursh) Heller	
<u>Eleusine indica</u> (L.) Gaertner	Goose Grass
<u>Elymus virginicus</u> L.	Wild Rye Grass
⁴ <u>Eragrostis amabilis</u> (L.) Wight & Arnott ex Nees	
<u>Eragrostis capillaris</u> (L.) Nees	Love Grass
⁶ <u>Eragrostis curvula</u> (Schrader) Nees	Love Grass
<u>Eragrostis hirsuta</u> (Michaux) Nees	Love Grass
<u>Eragrostis refracta</u> (Muhl.) Scribner	
<u>Eragrostis spectabilis</u> (Pursh) Steudel	Love Grass
<u>Eremochloa ophiuroides</u> (Munro) Hackel	Centipede Grass
<u>Erianthus alopecuroides</u> (L.) Ell.	Silver Beard Grass
<u>Erianthus brevibarbis</u> Michaux	
<u>Erianthus contortus</u> Baldwin ex Ell.	Bent-awn Beard Grass
<u>Erianthus giganteus</u> (Walter) Muhl.	Sugarcane Beard Grass
⁵ <u>Erianthus strictus</u> Baldwin	Narrow Beard Grass
⁶ <u>Festuca elatior</u> L.	Fescue
<u>Festuca octoflora</u> Walter	Fescue
³ <u>Festuca sciurea</u> Nuttall	Fescue
⁴ <u>Glyceria septentrionalis</u> Hitchcock	Manna Grass
³ <u>Glyceria striata</u> (Lam.) Hitchcock	Manna Grass
<u>Gymnopogon ambiguus</u> (Michaux) BSP.	Beard Grass
<u>Gymnopogon brevifolius</u> Trinius	
³ <u>Holcus lanatus</u> L.	Velvet Grass
<u>Hordeum pusillum</u> Nuttall	Barley
⁶ <u>Hydrochloa caroliniensis</u> Beauvois	
<u>Leersia hexandra</u> Swartz	Cut Grass
⁶ <u>Leersia lenticularis</u> Michaux	Cut Grass
<u>Leersia oryzoides</u> (L.) Swartz	Cut Grass
⁴ <u>Leersia virginica</u> Willd.	Whitegrass
<u>Leptoloma cognatum</u> (Schultes) Chase	Witch Grass
<u>Lolium multiflorum</u> Lam.	Rye Grass
³ <u>Lolium perenne</u> L.	Rye Grass
⁶ <u>Manisuris rugosa</u> (Nuttall) Kuntze	Joint Grass
<u>Melica mutica</u> Walter	Melic Grass
⁶ <u>Microstegium vimineum</u> (Trinius) A. Camus	Eulalia's Grass
<u>Muhlenbergia capillaris</u> (Lam.) Trinius	Muhly
⁴ <u>Muhlenbergia expansa</u> (DC.) Trinius	Hairgrass
³ <u>Muhlenbergia schreberi</u> J. F. Gmelin	Muhly
<u>Oplismenus setarius</u> (Lam.) R. & S.	
<u>Panicum aciculare</u> Desvaux ex Poirat	Grisebach's Panicgrass
<u>Panicum agrostoides</u> Sprengel	Redtop Panicgrass
<u>Panicum anceps</u> Michaux	
<u>Panicum angustifolium</u> Ell.	Narrowleaved Panicgrass
<u>Panicum boscii</u> Poirat	Bosc's Panicgrass
<u>Panicum ciliatum</u> Ell.	Dwarf Panicgrass
<u>Panicum columbianum</u> Scribner	
⁴ <u>Panicum commonsianum</u> Ashe	Common's Panicgrass
<u>Panicum commutatum</u> Schultes	Variable Panicgrass
<u>Panicum consanguineum</u> Kunth	Kunth's Panicgrass

<u>Panicum dichotomiflorum</u> Michaux	Spreading Witchgrass
<u>Panicum dichotomum</u> L.	Small-leaved Panicgrass
<u>Panicum ensifolium</u> Baldwin ex Ell.	Panicgrass
⁶ <u>Panicum gymnocarpon</u> Ell.	Maiden Cane
⁵ <u>Panicum hemitomon</u> Schultes	Gaping Panicgrass
<u>Panicum hians</u> Ell.	Panicgrass
⁴ <u>Panicum lancearium</u> Trinius	Wooly Panicgrass
<u>Panicum lanuginosum</u> Ell.	
⁶ <u>Panicum latifolium</u> L.	Lax-flowered Panicgrass
<u>Panicum laxiflorum</u> Lam.	
⁵ <u>Panicum leucothrix</u> Nash	
<u>Panicum longifolium</u> Torrey	
² <u>Panicum nitidum</u> Lam.	
³ <u>Panicum oligosanthos</u> Schultes	Few-flowered Panicgrass
³ <u>Panicum polyanthes</u> Schultes	Small-fruited Panicgrass
³ <u>Panicum portoricense</u> Desvaux ex Hamilton	
<u>Panicum ravenelii</u> Scribner & Merrill	Ravenel's Panicgrass
^{**} <u>Panicum roanokense</u> Ashe	
<u>Panicum scoparium</u> Lam.	Velvety Panicgrass
³ <u>Panicum sphaerocarpon</u> Ell.	Round-fruited Panicgrass
⁴ <u>Panicum spretum</u> Schultes	
⁴ <u>Panicum stipitatum</u> Nash	Tall Flat Panicgrass
⁴ <u>Panicum strigosum</u> Muhl.	Rough Hairy Panicgrass ⁴
⁴ <u>Panicum tenue</u> Muhl.	
<u>Panicum verrucosum</u> Muhl.	Warty Panicgrass
⁴ <u>Panicum villosissimum</u> Nash	White Haired Panicgrass
<u>Panicum virgatum</u> L.	
<u>Panicum wrightianum</u> Scribner	
<u>Paspalum dilatatum</u> Poiret	Dallis Grass
⁴ <u>Paspalum dissectum</u> L.	
⁴ <u>Paspalum distichum</u> L.	Knotgrass
<u>Paspalum floridanum</u> Michaux	Florida Paspalum
⁴ <u>Paspalum fluitans</u> (Ell.) Kunth	Water Paspalum
<u>Paspalum laeve</u> Michaux	
<u>Paspalum praecox</u> Walter	
<u>Paspalum praecox</u> var. <u>curtisianum</u> (Steudel)	
Vasey	
<u>Paspalum setaceum</u> Michaux	Slender Paspalum
<u>Paspalum urvillei</u> Steudel	Vasey Grass
⁵ <u>Pennisetum glaucum</u> (L.) R. Brown	Millet
⁵ <u>Phyllostachys aurea</u> Riv.	Bamboo
<u>Poa annua</u> L.	Blue Grass
<u>Poa autumnalis</u> Muhl. ex Ell.	Blue Grass
⁴ <u>Poa cuspidata</u> Nuttall	Early Blue Grass
³ <u>Poa pratensis</u> L.	Blue Grass
<u>Sacciolepis striata</u> (L.) Nash	
<u>Secale cereale</u> L.	Rye
³ <u>Setaria corrugata</u> (Ell.) Schultes	Foxtail Grass
<u>Setaria geniculata</u> (Lam.) Beauvois	Foxtail Grass
<u>Setaria glauca</u> (L.) Beauvois	Foxtail Grass

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<u>Sphenopholis intermedia</u> (Rydberg) Rydberg	Wedge Grass
³ <u>Sphenopholis nitida</u> (Biehler) Scribner	Wedge Grass
³ <u>Sorghastrum elliottii</u> (Mohr) Nash	
<u>Sorghastrum nutans</u> (L.) Nash	Indian Grass
<u>Sorghastrum secundum</u> (Ell.) Nash	
<u>Sorghum halepense</u> (L.) Persoon	Johnson Grass
<u>Sorghum vulgare</u> Persoon	Milo
³ <u>Sporobolus clandestinus</u> (Biehler) Hitchcock	Dropseed
<u>Sporobolus junceus</u> (Michaux) Kunth	Dropseed
<u>Sporobolus poiretii</u> (R. & S.) Hitchcock	Smut Grass
⁴ <u>Sporobolus vaginiflorus</u> (Torrey) Wood	Sheathed Rushgrass
⁴ <u>Stenotaphrum secundatum</u> (Walter) Kuntze	St. Augustine Grass
<u>Stipa avenacea</u> L.	Needle Grass
⁴ <u>Tridens ambiguus</u> (Ell.) Schultes	Doubtful Purple Top
<u>Tridens flavus</u> (L.) Hitchcock	Purple Top
<u>Triplasis americana</u> Beauvois	Sand Grass
<u>Triplasis purpurea</u> (Walter) Chapman	Sand Grass
<u>Tripsacum dactyloides</u> L.	Gamma Grass
<u>Triticum aestivum</u> L.	Wheat
⁷ <u>Uniola latifolia</u> Michaux	River Oats
<u>Uniola laxa</u> (L.) BSP	
⁶ <u>Uniola sessiliflora</u> Poiret	Sessile-flowered Spike-grass
⁴ <u>Zizania aquatica</u> L.	Wild Rice
⁶ <u>Zizaniopsis miliacea</u> (Michaux) Doell & Ascherson	Southern Wild Rice
Podostemaceae	
⁴ <u>Podostemum ceratophyllum</u> Michaux	Riverweed
Polemoniaceae	
<u>Ipomopsis rubra</u> (L.) Wherry	Standing-cypress
³ <u>Phlox amoena</u> Sims	Hairy Phlox
<u>Phlox carolina</u> L.	Phlox
<u>Phlox drummondii</u> Hooker	Cultivated Phlox
⁴ <u>Phlox glaberrima</u> L.	Smooth Phlox
<u>Phlox nivalis</u> Lodd.	
Polygalaceae	
<u>Polygala cruciata</u> L.	Button-rosy
<u>Polygala curtissii</u> Gray	Pine Barren Milkwort
<u>Polygala cymosa</u> Walter	Candy Weed
<u>Polygala grandiflora</u> Walter	
<u>Polygala incarnata</u> L.	
<u>Polygala lutea</u> L.	Orange Milkwort
<u>Polygala mariana</u> Miller	
<u>Polygala polygama</u> Walter	Milkwort

Polygonaceae

⁵ <u>Brunnichia cirrhosa</u> Banks ex Gaertner	Ladies' Eardrops
<u>Eriogonum tomentosum</u> Michaux	Wild Buckwheat
<u>Polygonella americana</u> (F. & M.) Small	Southern Jointweed
⁴ <u>Polygonum aviculare</u> L.	Common Knotweed
⁴ <u>Polygonum cilinode</u> Michaux	Climbing Buckwheat
<u>Polygonum hirsutum</u> Walter	Hairy Knotweed
⁶ <u>Polygonum hydropiperoides</u> Michaux	Waterpepper
<u>Polygonum pennsylvanicum</u> L.	Pinkweed
⁶ <u>Polygonum persicaria</u> L.	
<u>Polygonum punctatum</u> Ell.	
<u>Polygonum sagittatum</u> L.	Arrow-leaved Tearthumb
³ <u>Polygonum scandens</u> L.	False Buckwheat
⁴ <u>Rumex acetosella</u> L.	Sheep-sorrel, Sour-grass
<u>Rumex crispus</u> L.	Sour Dock
<u>Rumex hastatulus</u> Baldwin ex Ell.	Wild Sorrel
<u>Tovara virginiana</u> (L.) Raf.	Jumpseed

Polypodiaceae

<u>Polypodium polypodioides</u> (L.) Watt	Resurrection Fern
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Pontederiaceae

² <u>Eichhornia crassipes</u> (Martius) Solms	Water Hyacinth
<u>Pontederia cordata</u> L.	Pickeral Weed

Portulacaceae

<u>Portulaca pilosa</u> L.	
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Potamogetonaceae

<u>Potamogeton diversifolius</u> Raf.	Pondweed
³ <u>Potamogeton epihydrus</u> Raf.	Pondweed
⁴ <u>Potamogeton foliosus</u> Raf.	Pondweed
<u>Potamogeton pulcher</u> Tuckerman	Pondweed
* ⁶ <u>Potamogeton vaseyi</u> Robbins	Pondweed

Primulaceae

⁴ <u>Hottonia inflata</u> Ell.	Featherfoil
⁴ <u>Lysimachia ciliata</u> L.	Fringed Loosestrife
<u>Lysimachia lanceolata</u> Walter	Fringed Loosestrife
⁶ <u>Lysimachia quadrifolia</u> L.	Whorled Loosestrife
⁴ <u>Samolus parviflorus</u> Raf.	Water Pimpernel

Pteridaceae

<u>Pteridium aquilinum</u> (L.) Kuhn	Bracken
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Ranunculaceae

<u>Clematis crispa</u> L.	Leather-flower
⁴ <u>Clematis viorna</u> L.	Leather-flower
³ <u>Delphinium ajacis</u> L.	Larkspur
<u>Hepatica americana</u> (DC.) Ker	Liverleaf
<u>Ranunculus pusillus</u> Poiret	Buttercup

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<u>*Thalictrum revolutum</u> DC.	Meadow Rue
<u>*Thalictrum thalictroides</u> (L.) Boivin	Rue Anemone, Windflower
<u>Xanthorhiza simplicissima</u> Marshall	Yellow-root
 Rhamnaceae	
<u>Berchemia scandens</u> (Hill) K. Koch	Supplejack
<u>Ceanothus americanus</u> L.	New Jersey Tea
 Rosaceae	
<u>Agrimonia pubescens</u> var. <u>microcarpa</u> (Wallroth) Ahles	Agrimony
<u>Amelanchier canadensis</u> (L.) Medicus	Serviceberry
<u>Crataegus flava</u> Aiton	Hawthorn
<u>Crataegus marshallii</u> Eggl.	Hawthorn
<u>Crataegus spathulata</u> Michaux	Hawthorn
<u>*Crataegus uniflora</u> Muenchh.	Dwarf Thorn
<u>*Crataegus viridis</u> L.	Hawthorn
<u>*Duchesnea indica</u> (Andrz.) Focke	Indian Strawberry
<u>¹Exochorda racemosa</u> Rehd.	Pearl-bush
<u>*Fragaria virginiana</u> Duchesne	Strawberry
<u>*Malus angustifolia</u> (Aiton) Michaux	Crab-apple
<u>*Malus pumila</u> Miller	Common Apple
<u>¹Photinea serrulata</u> Lindl.	
<u>Potentilla canadensis</u> L.	Five-fingers
<u>Potentilla recta</u> L.	
<u>*Potentilla simplex</u> Michaux	Dwarf Fivefinger
<u>Prunus americana</u> Marshall	Wild Plum
<u>Prunus angustifolia</u> Marshall	Chickasaw Plum
<u>¹Prunus caroliniana</u> Aiton	Carolina Laurel Cherry
<u>*Prunus persica</u> (L.) Batsch	Peach
<u>Prunus serotina</u> Ehrhart	Black Cherry
<u>^{1, 3}Prunus triloba</u> Lindl.	Flowering Almond
<u>*Prunus umbellata</u> Ell.	Hog Plum
<u>¹Pyrus calleryana</u> Decne.	
<u>^{1, 6}Pyrus communis</u> L.	Pear
<u>Rosa carolina</u> L.	Wild Rose
<u>Rosa multiflora</u> Thunberg	
<u>Rubus betulifolius</u> Small	Blackberry
<u>*Rubus cuneifolius</u> Pursh	Blackberry
<u>Rubus flagellaris</u> Willd.	Dewberry
<u>Rubus trivialis</u> Michaux	Dewberry
<u>Sorbus arbutifolia</u> (L.) Heynhold	Chokeberry
<u>^{1, 6}Spiraea alba</u> var. <u>latifolia</u> (Aiton) Ahles	Meadowsweet
<u>^{1, 3}Spiraea chamaedryfolia</u> L.	Spiraea
<u>^{1, 3}Spiraea prunifolia</u> Sieb. & Zucc.	Bridal Wreath
<u>^{1, 3}Spiraea thunbergii</u> Siebold	Spiraea
<u>¹Spiraea trichocarpa</u> Nakai	Spiraea
 Rubiaceae	
<u>Cephalanthus occidentalis</u> L.	Button Bush
<u>Diodia teres</u> Walter	Smaller Buttonweed
<u>Diodia virginiana</u> L.	Larger Buttonweed

⁶ <u>Galium aparine</u> L.	Wild Licorice
<u>Galium circaezans</u> Michaux	Bedstraw
<u>Galium hispidulum</u> Michaux	Bedstraw
<u>Galium obtusum</u> Bigelow	Bedstraw
<u>Galium pilosum</u> Aiton.	Cleavers
⁵ <u>Galium tinctorium</u> L.	
<u>Galium triflorum</u> Michaux	Cleavers
<u>Houstonia longifolia</u> Gaertner	Houstonia
³ <u>Houstonia purpurea</u> L.	Houstonia
<u>Houstonia pusilla</u> Schoepf	Small Bluet
<u>Mitchella repens</u> L.	Partridge Berry
<u>Oldenlandia uniflora</u> L.	
⁶ <u>Richardia brasiliensis</u> (Moq.) Gomez	
<u>Richardia scabra</u> L.	Florida Purslane
Salicaceae	
<u>Populus alba</u> L.	White Poplar
⁶ <u>Populus deltoides</u> Marshall	Cottonwood
<u>Populus heterophylla</u> L.	Swamp Cottonwood
^{1, 4} <u>Populus nigra</u> var. <u>italica</u> DuRoi	Lombardy Poplar
⁵ <u>Salix alba</u> L.	White Willow
<u>Salix caroliniana</u> Michaux	Swamp Willow
<u>Salix nigra</u> Marshall	Black Willow
Santalaceae	
⁵ <u>Nestronia umbellula</u> Raf.	Nestronia
Sapotaceae	
⁵ <u>Bumelia tenax</u> (L.) Willd.	
Sarraceniaceae	
⁴ <u>Sarracenia flava</u> L.	Trumpets
<u>Sarracenia minor</u> Walter	Hooded Pitcher-plant
Saururaceae	
<u>Saururus cernuus</u> L.	Lizard's Tail
Saxifragaceae	
⁶ <u>Decumaria barbara</u> L.	Climbing Hydrangea
<u>Heuchera americana</u> L.	Alumroot
<u>Itea virginica</u> L.	Virginia Willow
³ <u>Philadelphus inodorus</u> L.	Mock-orange
Schizaeaceae	
<u>Lygodium japonicum</u> (Thunberg) Swartz	Japanese Climbing Fern
Scrophulariaceae	
<u>Agalinis fasciculata</u> (Ell.) Raf.	Gerardia
⁵ <u>Agalinis linifolia</u> (Nuttall) Britton	Gerardia
³ <u>Agalinis purpurea</u> (L.) Pennell	Gerardia
<u>Agalinis setacea</u> (J. F. Gmelin) Raf.	Gerardia
⁶ <u>Aureolaria flava</u> (L.) Farwell	

⁶ <u>Aureolaria pectinata</u> (Nuttall) Pennell	Sticky Foxglove
<u>Aureolaria virginica</u> (L.) Pennell	False Foxglove
<u>Bacopa caroliniana</u> (Walter) Robinson	Blue Water Hyssop
³ <u>Bacopa monnieri</u> (L.) Pennell	Water Hyssop
³ <u>Buchnera floridana</u> Gandoger	
⁵ <u>Chelone glabra</u> L.	Turtleheads
<u>Gratiola pilosa</u> Michaux	Hedge Hyssop
<u>Gratiola ramosa</u> Walter	Hedge Hyssop
<u>Gratiola virginiana</u> L.	Hedge Hyssop
<u>Linaria canadensis</u> (L.) Dumont	Toad-flax
⁶ <u>Lindernia anagallidea</u> (Michaux) Pennell	
⁴ <u>Lindernia dubia</u> (L.) Pennell	False Pimpernel
⁶ <u>Lindernia monticola</u> Muhl. ex Nuttall	
⁶ <u>Mecardonia acuminata</u> (Walter) Small	
<u>Micranthemum umbrosum</u> (J. F. Gmelin) Blake	Creeping Pimpernel
<u>Mimulus alatus</u> Aiton	Monkey Flower
⁶ <u>Penstemon australis</u> Small	Beard-tongue
⁴ <u>Penstemon laevigatus</u> Solander ex Aiton	Beard-tongue
<u>Verbascum blattaria</u> L.	Moth Mullein
<u>Verbascum thapsus</u> L.	Woolly Mullein
<u>Veronica arvensis</u> L.	Speedwell
<u>Veronica peregrina</u> L.	Speedwell
Selaginellaceae	
⁷ <u>Selaginella apoda</u> (L.) Spring	Meadow Spikemoss
Simaroubaceae	
⁴ <u>Ailanthus altissima</u> (Miller) Swingle	Tree of Heaven
Solanaceae	
⁵ <u>Datura stramonium</u> L.	Jimson Weed
<u>Petunia x atkinsiana</u> D. Don ex Loudon	Petunia
⁴ <u>Physalis heterophylla</u> Nees	Ground Cherry
⁴ <u>Physalis pubescens</u> L.	Ground Cherry
<u>Physalis virginiana</u> Miller	Ground Cherry
<u>Solanum americanum</u> Miller	Nightshade
<u>Solanum carolinense</u> L.	Nightshade
⁴ <u>Solanum nigrum</u> L.	Black Nightshade
Sparganiaceae	
<u>Sparganium americanum</u> Nuttall	Bur-reed
Sterculiaceae	
³ <u>Firmiana platanifolia</u> (L. f.) Marsili	China Parasol-tree
Styracaceae	
<u>Styrax americana</u> Lam.	Storax
³ <u>Styrax grandifolia</u> Aiton	Storax
Symplocaceae	
<u>Symplocos tinctoria</u> (L.) L'Her.	Horse-sugar

Taxodiaceae	
¹ <u>Taxodium ascendens</u> Brongn.	Pond Cypress
² <u>Taxodium distichum</u> (L.) Richard	Bald Cypress
Tiliaceae	
<u>Tilia caroliniana</u> Miller	Basswood
Turneraceae	
<u>Piriqueta caroliniana</u> (Walter) Urban	
Typhaceae	
¹ <u>Typha domingensis</u> Persoon	Giant Cattail
<u>Typha latifolia</u> L.	Common Cattail
Ulmaceae	
<u>Celtis laevigata</u> Willd.	Sugarberry
<u>Celtis occidentalis</u> var. <u>georgiana</u> (Small) Ahles	Dwarf Hackberry
<u>Planera aquatica</u> Walter ex J. F. Gmelin	Water Elm
<u>Ulmus alata</u> Michaux	Winged Elm
<u>Ulmus americana</u> L.	American Elm
<u>Ulmus rubra</u> Muhl.	Slippery Elm
Urticaceae	
<u>Boehmeria cylindrica</u> (L.) Swartz	False Nettle
<u>Pilea pumila</u> (L.) Gray	Clearweed
Valerianaceae	
<u>Valerianella radiata</u> (L.) Dufr.	Corn Salad
Verbenaceae	
<u>Callicarpa americana</u> L.	French Mulberry
<u>Lantana camara</u> L.	Lantana
<u>Verbena bonariensis</u> L.	Vervain
<u>Verbena brasiliensis</u> Vellozo	Vervain
¹ <u>Verbena canadensis</u> (L.) Britton	Verbena
² <u>Verbena carnea</u> Medicus	Vervain
³ <u>Verbena x hybrida</u> Voss	Verbena
<u>Verbena rigida</u> Sprengel	
<u>Verbena tenuisecta</u> Briquet	Moss Verbena
<u>Verbena urticifolia</u> L.	White Vervain
Violaceae	
¹ <u>Viola cucullata</u> Aiton	
² <u>Viola hastata</u> Michaux	Halberd-leaved Violet
<u>Viola lanceolata</u> L.	
<u>Viola papilionacea</u> Pursh	Blue Violet, Meadow Violet
<u>Viola pedata</u> L.	Birdfoot Violet
<u>Viola primulifolia</u> L.	Primrose-leaved Violet

Viola rafinesquii Greene
 *Viola septemloba House
 *Viola villosa Walter
 *Viola walteri House

Southern Coast Violet
 Southern Downy Violet
 Prostrate Blue Violet

Vitaceae

Ampelopsis arborea (L.) Koehne
 *Ampelopsis cordata Michaux
Parthenocissus quinquefolia (L.) Planchon
Vitis aestivalis Michaux
Vitis rotundifolia Michaux

Pepper Vine
 Virginia Creeper
 Summer Grape
 Muscadine

Xyridaceae

*Xyris ambigua Beyrich
 *Xyris baldwiniana R. & S.
Xyris caroliniana Walter
Xyris difformis Chapman
 *Xyris fimbriata Ell.
Xyris jupicai Richard
 *Xyris platylepis Chapman
 Shinnery

Yellow-eyed Grass
 St. Mary's Grass
 Yellow-eyed Grass
 Yellow-eyed Grass
 Yellow-eyed Grass
 Yellow-eyed Grass
 Yellow-eyed Grass

FEATURED RESEARCH SPECIES

A number of vascular plant species on the SRP have been intensively studied because of their abundance, importance in certain habitats, or responses to environmental stresses. The following bibliography lists SRP publications by species. The purpose of this compilation is to provide a starting point for a more extensive literature review. Floral surveys or research papers in which species were mentioned but not extensively examined have not been included.

PINACEAE

Pinus taeda (loblolly pine)

- Adriano, D. C. and J. E. Pinder, III. 1977. Aerial deposition of plutonium in mixed forest stands from nuclear fuel re-processing. *J. Environ. Qual.* 6:303-307.
- Dayton, B. R. 1968. Accumulation and transfer of radiostromtium by young loblolly pines. Ph.D. Dissertation, Univ. North Carolina, Chapel Hill.
- Dayton, B. R. 1970. Slow accumulation and transfer of radiostromtium by young loblolly pines (Pinus taeda L.). *Ecology* 51:204-216.
- Golley, F. B., G. A. Petrides and J. F. McCormick. 1965. A survey of the vegetation of the Boiling Springs Natural Area, South Carolina. *Bull. Torrey Bot. Club* 92:355-363.
- Good, B. J. and S. A. Whipple. 1982. Tree spatial patterns: South Carolina bottomland and swamp forests. *Bull. Torrey Bot. Club* 109:529-536.
- Jones, S. M., D. H. Van Lear and S. K. Cox. 1981. Major forest community types of the Savannah River Plant: A field guide. Savannah River Operations, National Environmental Research Park, Publication no. 9. Available from the Savannah River Ecology Laboratory, Aiken, SC.
- Jones, S. M., D. H. Van Lear and S. K. Cox. 1981. Composition and density-diameter pattern of an old-growth forest stand of the Boiling Springs Natural Area, South Carolina. *Bull. Torrey Bot. Club* 108:347-353.
- Luvall, J. C. and C. E. Murphy, Jr. 1982. Evaluation of the tritiated water method for measurement of transpiration in young Pinus taeda (L.). *Forest Sci.* 28:5-16.

- McCormick, J. F. 1969. Effects of ionizing radiation on a pine forest. In: D. J. Neston and F. C. Evans (eds.), Proc. 2nd Nat. Symp. Radioecol., AEC Symp. Series (CONF-670503). p. 78-87.
- McCormick, J. F. and R. E. McJunkin. 1965. Interactions of gamma radiation and other environmental stresses upon pine seeds and seedlings. Health Phys. 11:1643-1652.
- Monk, C. D. 1966. Root-shoot dry weights in loblolly pine. Bot. Gaz. 127:246-248.
- Monk, C. D. 1967. Radioisotope tagging through seed soaking. Bull. Ga. Acad. Sci. 25:13-17.
- Spring, P. E., M. L. Brewer, J. R. Brown and M. E. Fanning. 1974. Population ecology of loblolly pine (Pinus taeda) in an old field community. Oikos 25:1-6.
- Wells, C. G., K. W. McLeod, C. E. Murphy, J. R. Jensen, J. C. Corey, W. H. McKee and E. J. Christensen. 1984. Responses of loblolly pine plantations to two sources of sewage sludge. Research and Development Conference, Technical Assoc. Pulp Paper Industry. Technology Park. Atlanta, GA. p. 1-10.

Pinus palustris (longleaf pine)

- Ginter, D. L., K. W. McLeod and C. Sherrod, Jr. 1979. Water stress in longleaf pine induced by litter removal. For. Ecol. Manage. 2:13-20.
- McCormick, J. F. 1964. Interactions of gamma radiation and drought upon Pinus elliottii and Pinus palustris. Bio-Science 14:43-44.
- McLeod, K. W., C. Sherrod, Jr. and T. E. Porch. 1979. Response of longleaf pine plantations to litter removal. For. Ecol. Manage. 2:1-12.
- Wiegert, R. G. and C. D. Monk. 1972. Litter production and energy accumulation in three plantations of long-leaf pine (Pinus palustris Mill). Ecology 53:949-953.

Pinus elliottii (slash pine)

- McCormick, J. F. 1964. Interactions of gamma radiation and drought upon Pinus elliottii and Pinus palustris. Bio-Science 14:43-44.
- McCormick, J. F. 1969. Effects of ionizing radiation on a pine forest. In: D. J. Nelson and F. C. Evans (Eds.). Proc. 2nd Nat. Symp. Radioecol., AEC Symp. Series (CONF-670503). p. 78-87.

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Monk, C. D. 1967. Effects of gamma irradiation on growth in slash pine seedlings when different plant parts are exposed. *Bull. Ga. Acad. Sci.* 25:197-201.

TAXODIACEAE

Taxodium distichum (bald cypress)

Gibbons, J. W. and R. R. Sharitz. 1974. Thermal alteration of aquatic ecosystems. *Am. Sci.* 62:660-670.

McLeod, K. W. and C. Sherrod, Jr. 1981. Bald cypress seedling growth in thermally altered habitats. *Am. J. Bot.* 68: 918-923.

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Sharitz, R. R., J. W. Gibbons and S. C. Gause. 1974. Impact of production-reactor effluents on vegetation in a southeastern swamp forest. In: J. W. Gibbons and R. R. Sharitz (eds.), Thermal Ecology, AEC Symp. Series (CONF-730505). p. 356-362.

Sharitz, R. R., J. E. Irwin and E. J. Christy. 1974. Vegetation of a swamp receiving reactor effluents. *Oikos* 25:7-13.

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Whipple, S. A., L. H. Wellman and B. J. Good. 1981. A classification of hardwood and swamp forests of the Savannah River Plant, South Carolina. Savannah River Operations, National Environmental Research Park, Publication no. 6. Available from the Savannah River Ecology Laboratory, Aiken, SC.

TYPHACEAE

Typha latifolia (common cattail)

- Adriano, D. C., A. Fulenwider, R. R. Sharitz, T. G. Ciravolo and G. D. Hoyt. 1980. Growth and mineral nutrition of cattail (Typha) as influenced by thermal alteration. *J. Environ. Qual.* 9:649-653.
- Adriano, D. C., R. R. Sharitz, T. G. Ciravolo, J. C. Luvall and S. A. Harding. 1984. Growth and mineral nutrition of cattails inhabiting a thermally-graded reservoir. II. The micronutrients. *J. Plant Nutr.* 7:1699-1716.
- Babcock, M. F., D. W. Evans and J. J. Alberts. 1983. Comparative uptake and translocation of trace elements from coal ash by Typha latifolia. *Sci. Total Environ.* 28:203-214.
- Boyd, C. E. 1970. Amino acid, protein, and caloric content of vascular aquatic macrophytes. *Ecology* 51:902-906.
- Boyd, C. E. 1970. Chemical analyses of some vascular aquatic plants. *Arch. Hydrobiol.* 67:78-85.
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- Boyd, C. E. 1970. Production, mineral accumulation and pigment concentrations of Typha latifolia and Scirpus americanus. *Ecology* 51:285-290.
- Boyd, C. E. and L. W. Hess. 1970. Factors influencing shoot production and mineral nutrient levels in Typha latifolia. *Ecology* 51:296-300.
- Boyd, C. E. 1971. Further studies on productivity, nutrient and pigment relationships in Typha latifolia populations. *Bull. Torrey Bot. Club* 98:144-150.
- Evans, D. W. and J. P. Giesy, Jr. 1978. Trace metal concentrations in a stream-swamp system receiving coal ash effluent. In: M. K. Wali (ed.), Ecology and Coal Resource Development. Volume 2. Pergamon Press, New York. p. 782-790.
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- Jones, J. C., J. F. Hancock and E. H. Liu. 1979. Biochemical and morphological effects of temperature on Typha latifolia L. (Typhaceae) originating from different ends of a thermal gradient. I. Controlled environment studies. *Am. J. Bot.* 66:902-906.
- Liu, E. H., R. R. Sharitz and M. H. Smith. 1978. Thermal sensitivities of malate dehydrogenase isozymes in Typha. *Am. J. Bot.* 65:214-220.
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- Sharitz, R. R., S. A. Wineriter, M. H. Smith and E. H. Liu. 1980. Comparison of isozymes among Typha species in the eastern United States. *Am. J. Bot.* 67:1297-1303.
- Suda, J. R. 1976. Phenotypic and genotypic variation in Typha latifolia of the northeastern and southeastern United States. M. S. Thesis, Univ. Georgia, Athens.
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Typha domingensis (giant cattail)

- Adriano, D. C., R. R. Sharitz, T. G. Ciravolo, J. C. Luvall and S. A. Harding. 1984. Growth and mineral nutrition of cattails inhabiting a thermally-graded reservoir. II. The micronutrients. *J. Plant Nutr.* 7:1699-1716.
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ALISMATACEAE

Sagittaria latifolia (Wapato, duck potato)

- Briese, L. A., C. T. Garten, Jr. and R. R. Sharitz. 1975. Distribution of radiocesium in vegetation along a contaminated stream. In: F. G. Howell, J. B. Gentry and M. H. Smith (eds.), Mineral Cycling in Southeastern Ecosystems. ERDA Symposium Series. (CONF-740513). p. 509-517.
- Evans, D. W. and J. P. Giesy, Jr. 1978. Trace metal concentrations in a stream-swamp system receiving coal ash effluent. In: M. K. Wali (ed.), Ecology and Coal Resource Development. Volume 2. Pergamon Press, New York. p. 782-790.
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- Garten, C. T., Jr., J. B. Gentry and R. R. Sharitz. 1977. An analysis of elemental concentrations in vegetation bordering a southeastern United States coastal plain stream. *Ecology* 58:979-992.
- Garten, C. T., Jr. and D. Paine. 1977. A multivariate analysis of factors affecting radiocesium uptake by Sagittaria latifolia in coastal plain environments. *J. Environ. Qual.* 6:78-82.
- Martin, C. E., E. J. Christy and K. W. McLeod. 1977. Changes in the vegetation of a South Carolina swamp following cessation of thermal pollution. *J. Elisha Mitchell Sci. Soc.* 93:173-176.
- Pinder, J. E., III and R. R. Sharitz. 1978. Variance components of radiocesium concentrations in plants inhabiting a contaminated floodplain. *Oecol. Plant.* 13:111-120.
- Sharitz, R. R., J. E. Irwin and E. J. Christy. 1974. Vegetation of a swamp receiving reactor effluents. *Oikos* 25:7-13.

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POACEAE

Andropogon sp. (primarily A. virginicus and A. ternarius; broomsedge)

Crapo, Norman L. and David C. Coleman. 1972. Root distribution and respiration in a Carolina old-field. *Oikos* 23:137-139.

Garten, C. T., Jr. 1978. Multivariate perspectives on the ecology of plant mineral element composition. *Am. Nat.* 112: 533-544.

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Garten, C. T., Jr., J. B. Gentry, J. E. Pinder III, R. R. Sharitz and M. H. Smith. 1975. Radiocesium dynamics in a contaminated floodplain ecosystem in the southeastern United States. International Atomic Energy Agency Symposium 198/41, Vienna. p. 331-347.

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Golley, F. B. 1965. Structure and function of an old-field broomsedge community. *Ecol. Monogr.* 35:113-137.

Golley, F. B. and J. B. Gentry. 1966. A comparison of variety and standing crop of vegetation on a one-year and a twelve-year abandoned field. *Oikos* 15:185-199.

Odum, E. P. and E. J. Kuenzler. 1963. Experimental isolation of food chains in an old-field ecosystem with the use of Phosphorus-32. In: V. Schultz and A. W. Klement, Jr. (eds.), Radioecology, Proc. of the 1st National Symposium. Reinhold, New York. p. 113-120.

Pinder, J. E., III. 1975. Effects of species removal on an old-field plant community. *Ecology* 56:747-751.

Skinner, S. P., J. B. Gentry and J. P. Giesy, Jr. 1978. Cadmium dynamics in terrestrial food webs of a coal ash basin. In: D. C. Adriano and I. L. Brisbin, Jr. (eds.), Environmental Chemistry and Cycling Processes. DOE Symp. Series. (CONF-760429). p. 658-672.

Williams, J. E. 1969. Photosynthesis in seven old-field plants and the contributions of each to total community biomass. Bull. Ga. Acad. Sci. 27:1-12.

CYPERACEAE

Eleocharis acicularis

Grace, J. B. 1977. The distribution and abundance of submerged aquatic macrophytes in a reactor-cooling reservoir. M. S. Thesis, Clemson Univ., Clemson, SC.

Grace, J. B. and L. J. Tilly. 1976. Distribution and abundance of submerged macrophytes, including Myriophyllum spicatum L. (Angiospermae), in a cooling reservoir. Arch. Hydrobiol. 77:475-487.

Eleocharis quadrangulata

Boyd, C. E. and D. H. Vickers. 1971. Relationships between production, nutrient accumulation, and chlorophyll synthesis in an Eleocharis quadrangulata population. Can. J. Bot. 49: 883-888.

Scirpus cyperinus (knot grass)

Briese, L. A., C. T. Garten, Jr. and R. R. Sharitz. 1975. Distribution of radiocesium in vegetation along a contaminated stream. In: F. G. Howell, J. B. Gentry and M. H. Smith (eds.), Mineral Cycling in Southeastern Ecosystems. ERDA Symp. Series. (CONF-740513). p. 509-517.

Garten, C. T., Jr. 1976. Correlations between concentrations of elements in plants. Nature 261:686-688.

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LEMNACEAE

Lemna perpusilla

- Rodgers, J. H., Jr., D. S. Cherry and R. K. Guthrie. 1978. Cycling of elements in duckweed (Lemna perpusilla) in an ash settling basin and swamp drainage system. Water Res. 12: 765-770.

Spirodela oligorrhiza

- Sharitz, R. R. and J. C. Luvall. 1978. Growth of duckweed under constant and variable temperatures. In: J. H. Thorp and J. W. Gibbons (eds.), Energy and Environmental Stress in Aquatic Systems. DOE Symp. Series (CONF-771114). p. 410-419.

JUNCACEAE

Juncus effusus (common rush)

- Boyd, C. E. 1971. The dynamics of dry matter and chemical substances in a Juncus effusus population. Am. Midl. Nat. 86:28-45.

SALICACEAE

Salix nigra (black willow)

- Briese, L. A., C. T. Garten, Jr. and R. R. Sharitz. 1975. Distribution of radiocesium in vegetation along a contaminated stream. In: F. G. Howell, J. B. Gentry and M. H. Smith (eds.), Mineral Cycling in Southeastern Ecosystems. ERDA Symp. Series. (CONF-740513). p. 509-517.

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- Skinner, S. P., J. B. Gentry and J. P. Giesy, Jr. 1978. Cadmium dynamics in terrestrial food webs of a coal ash basin. In: D. C. Adriano and I. L. Brisbin, Jr. (eds.), Environmental Chemistry and Cycling Processes. DOE Symp. Series. (CONF-760429). p. 658-672.
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MYRICACEAE

Myrica cerifera (wax myrtle)

- Garten, C. T., Jr. 1976. Correlations between concentrations of elements in plants. *Nature* 261:686-688.
- Garten, C. T., Jr. 1977. Species, part and seasonal differences in sulfur concentrations in woody plants. *Bull. Environ. Contam. Toxicol.* 17:127-131.
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- Garten, C. T., Jr., J. B. Gentry and R. R. Sharitz. 1977. An analysis of elemental concentrations in vegetation bordering a southeastern United States coastal plain stream. *Ecology* 58:979-992.

BETULACEAE

Alnus serrulata (tag alder)

- Garten, C. T., Jr. 1976. Correlations between concentrations of elements in plants. *Nature* 261:686-688.
- Garten, C. T., Jr. 1977. Species, part and seasonal differences in sulfur concentrations in woody plants. *Bull. Environ. Contam. Toxicol.* 17:127-131.
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