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EASTERN STATES

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Endangered Plants



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EASTERN STATES ENDANGERED PLANTS

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July 1980

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EASTERN STATES ENDANGERED PLANTS

Introduction

The Bureau of Land Management (BLM) is vitally concerned with the protection and management of threatened and endangered plant habitat in the Eastern United States. Its responsibilities encompass approximately 60,000 acres of public land, thousands of islands and over 39 million acres of subsurface mineral rights.

EASTERN STATES ENDANGERED PLANTS provides lists of all Federal and state listed threatened and endangered species in the 31 states adjoining and east of the Mississippi River. The publication also contains county locational information for many of the listed plants, drawings and descriptions of the federally listed plants, bibliographies and names of agencies to contact for further information.

EASTERN STATES ENDANGERED PLANTS may be useful to more than just government employees preparing environmental reports. Any botanist, ecologist, forester, zoning officer, city planner, reclamation specialist or student may find this information helpful. The status information contained here is current as of March 1980.

I. Why We're Concerned

Background

The plant kingdom forms an essential and irreplaceable component of man's environment. A wide diversity of plant species are needed to vegetate the many diverse habitats of the world and maintain ecological stability. As diversity decreases, stability decreases. Man has learned that agricultural and forest monocultures create ecological instability causing environmental problems.

At least 90 species of plants have become extinct or nearly extinct in the United States during the last two hundred years. Many more hundreds of species of plants are known to be in danger of extinction. It was not until 1973 that the U.S. Government acknowledged the seriousness of this loss of plant diversity by passing legislation known as the Endangered Species Act of 1973. The Act provided a means of protecting plants deemed to be in danger of extinction, as well as their dependent ecosystems.

Bureau of Land Management Responsibilities in the Eastern United States

The Bureau of Land Management has management and leasing responsibilities for millions of acres of subsurface mineral rights in the East. The care that is taken to locate the endangered plants and to protect their habitats during minerals development will have a significant effect on the endangered plants populations in the Eastern United States.

In August, 1971, the Secretary of the Interior issued a memorandum that outlined the Department's policy towards endangered species. He told Interior's employees: "I expect you to encourage, plan and carry out deliberate, aggressive programs to benefit endangered species which occur on lands you administer, which use habitat under your control, or which may be affected by your programs. In addition, I expect you to take whatever actions are necessary to prevent any native animal from becoming endangered." BLM Manual 6840 states the Bureau's responsibilities for protection of endangered species. BLM Instruction Memorandum No. 79-64 clearly states, "The Endangered Species act of 1973...added a requirement that endangered or threatened plants be identified and conserved.... The official Federal listing of a plant species (as endangered or threatened) creates a non-discretionary, legally binding obligation on the part of BLM to use all it's authorities to prevent the extinction of the plants as well as to avoid any action which would jeopardize the species' existence."

BLM cooperates closely with the U.S. Fish and Wildlife Service and state natural resource agencies to identify endangered and threatened species. In its planning process, BLM highlights the location and condition of endangered species habitat and, on BLM administered public lands, suggests methods of maintaining or enhancing this habitat. BLM can designate endangered or rare species habitat areas as Areas of Critical Environmental Concern and provide special protection to the plants and their habitat. During the environmental assessment process, BLM identifies impacts of its proposed actions on endangered species. The identification of endangered species often results in the modification or rejection of proposals that are thought to significantly impact endangered species.

FEDERALLY LISTED ENDANGERED AND THREATENED PLANTS

The Endangered Species Office of the Fish and Wildlife Service is responsible for the direction of the Federal Endangered Species Program. The Endangered Species Office systematically lists plants as endangered or threatened. The listing process is continuous and the plant list is periodically updated. Listing changes can result in additions to the list, deletions from the list or changes in status of plants on the list. A primary goal of the program is to identify the habitat of endangered or threatened plants and protect critical habitat areas.

At the time this publication was prepared, there were ten plants listed as endangered or threatened in the Eastern United States. A drawing of each plant has been included in this section of the report along with a description of the plant, its range and its habitat.

KEY TO MAP SYMBOLS

- | | |
|---------------------------------|---|
| H = Historic | Historic distribution of Plant. |
| P = Present Range | Species has been sighted or collected in this county during the past 20 years, and its occurrence has been documented. |
| C = Designated Critical Habitat | An area determined by rulemaking to contain those physical and biological elements necessary for survival of the species. |



Northern Wild Monkshood
Aconitum noveboracense

Description: Blue flowers, with an enlarged, helmet-shaped upper sepal. The distinctive flowers are about 3/4" long and borne in short clusters. Leaves very deeply cleft into 3-5 irregularly lobed segments and sparsely hairy in margins. Two upper petals consisting of small spur-shaped bodies raised on long claws and concealed under the helmet. Height ranged from 0.2 to 1 meter high. Flowers in June and July.

Range: New York to Wisconsin and Iowa (see maps).

Habitat: Rich woods, shaded ravines and damp slopes.

Reference: Fernald, M.L. 1950. Gray's Manual of Botany. 8th edition 1632 p. N.Y.: American Book Co.



NORTHERN WILD MONKSHOOD
Aconitum noveboracense
 Threatened

WISCONSIN

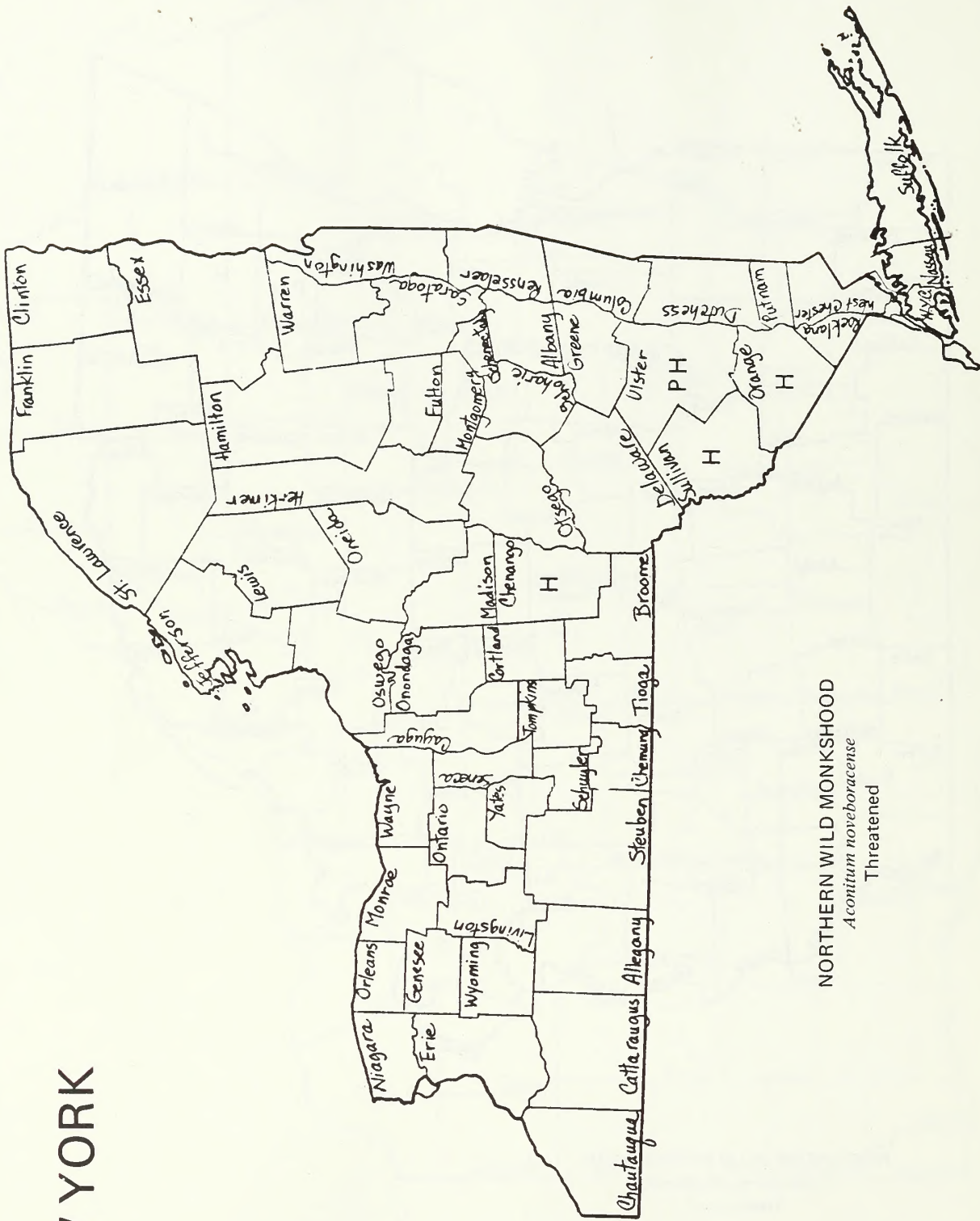


NORTHERN WILD MONKSHOOD
Aconitum noveboracense
 Threatened

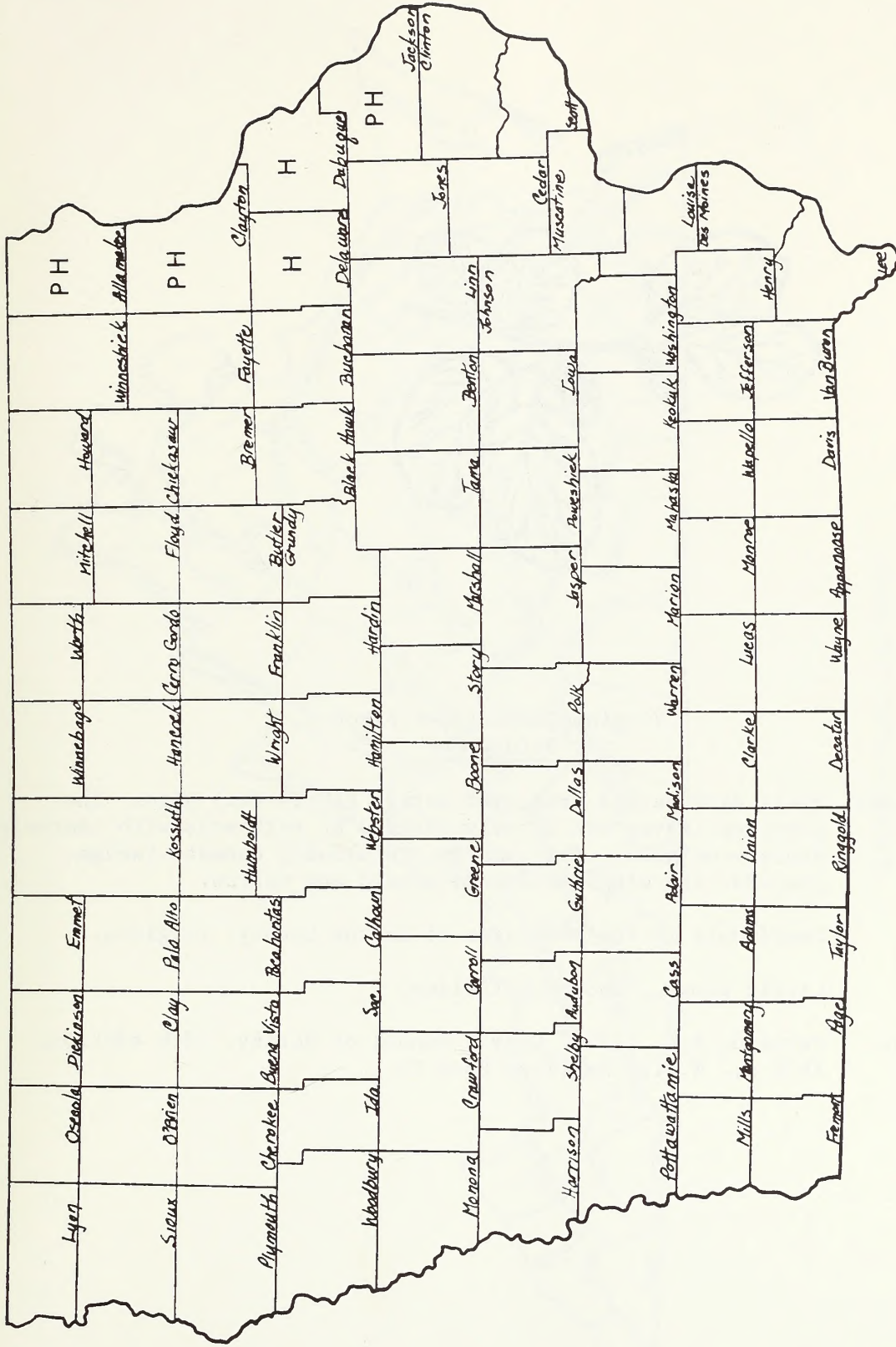
MEMPHIS

OHIO

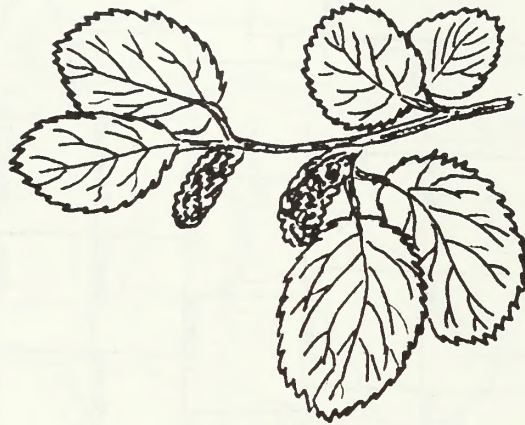
NEW YORK



NORTHERN WILD MONKSHOOD
Aconitum noveboracense
 Threatened

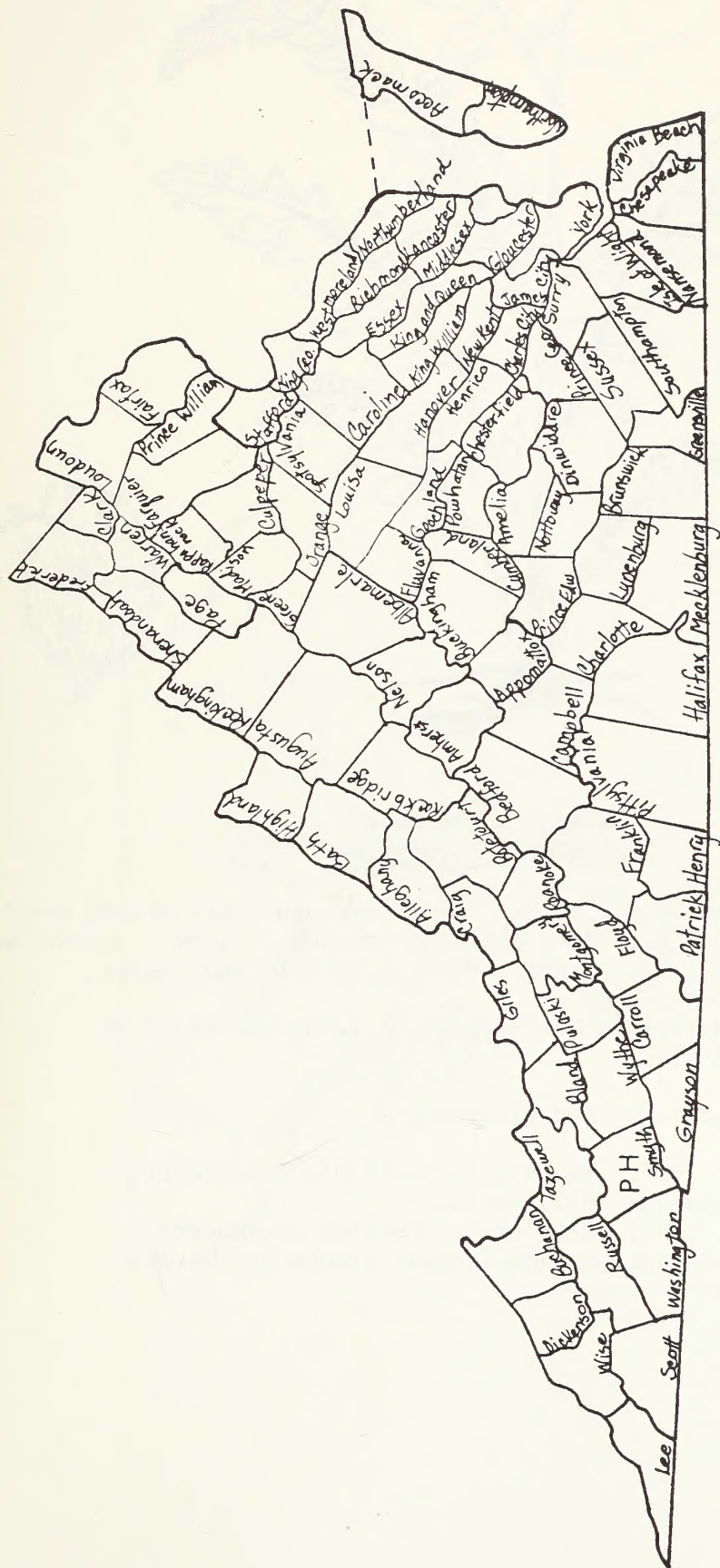


NORTHERN WILD MONKSHOOD
Aconitum noveboracense
 Threatened



Virginia Round-leaf Birch
Betula uber

- Description: Small dark-barked tree, 6-8 meters (18-24 ft.) high. The glabrous leaves are broadly rounded at both ends with coarsely dentate margins. The samaras are broadly cuneate (wedge shaped), the wings broadened upward and narrow.
- Range: Found only in the mountains of Smythe County, Virginia.
- Habitat: Little known. Wooded hillsides.
- Reference: Fernald, M.L. 1950 Gray's Manual of Botany. 8th edition. 1632 p. N.Y.: American Book Co.

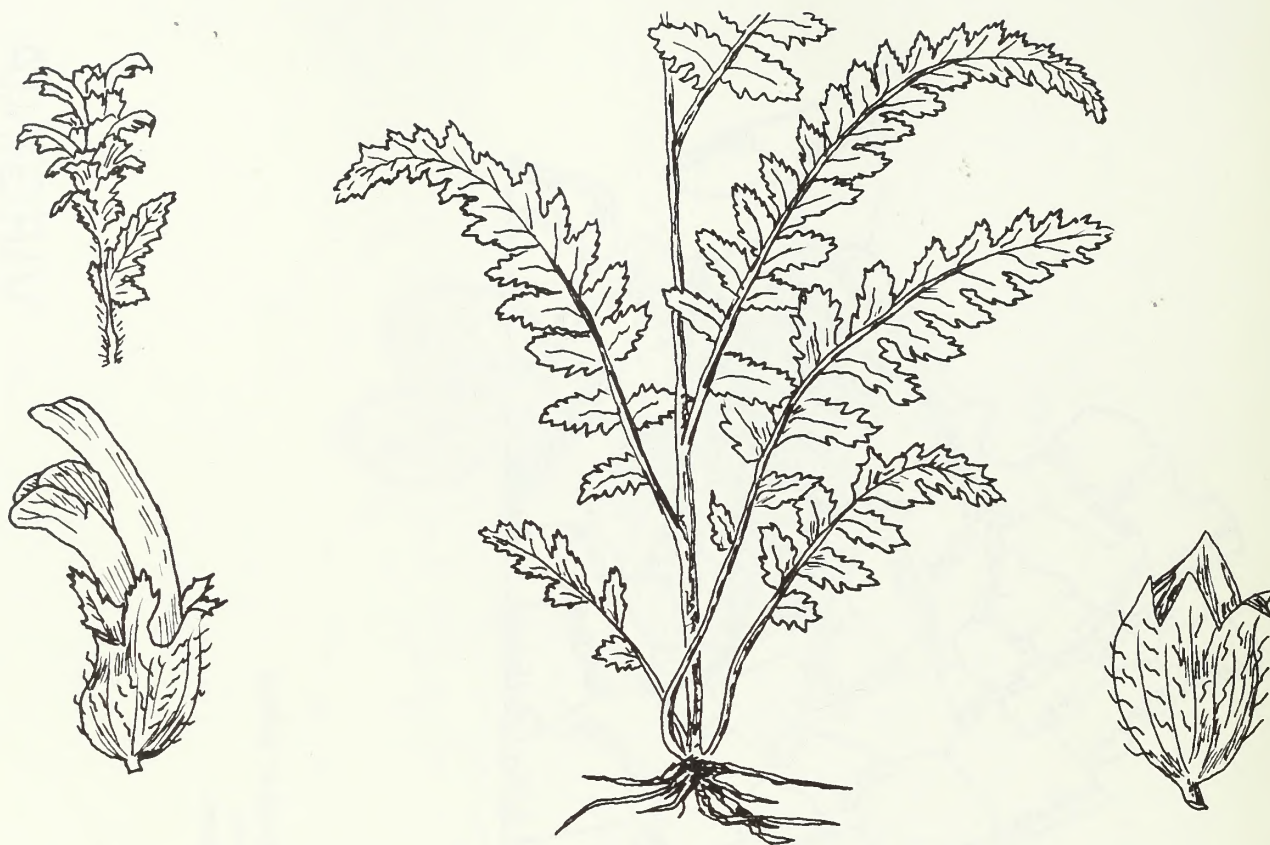


VIRGINIA ROUND-LEAF BIRCH

Betula uber

Endangered

VIRGINIA



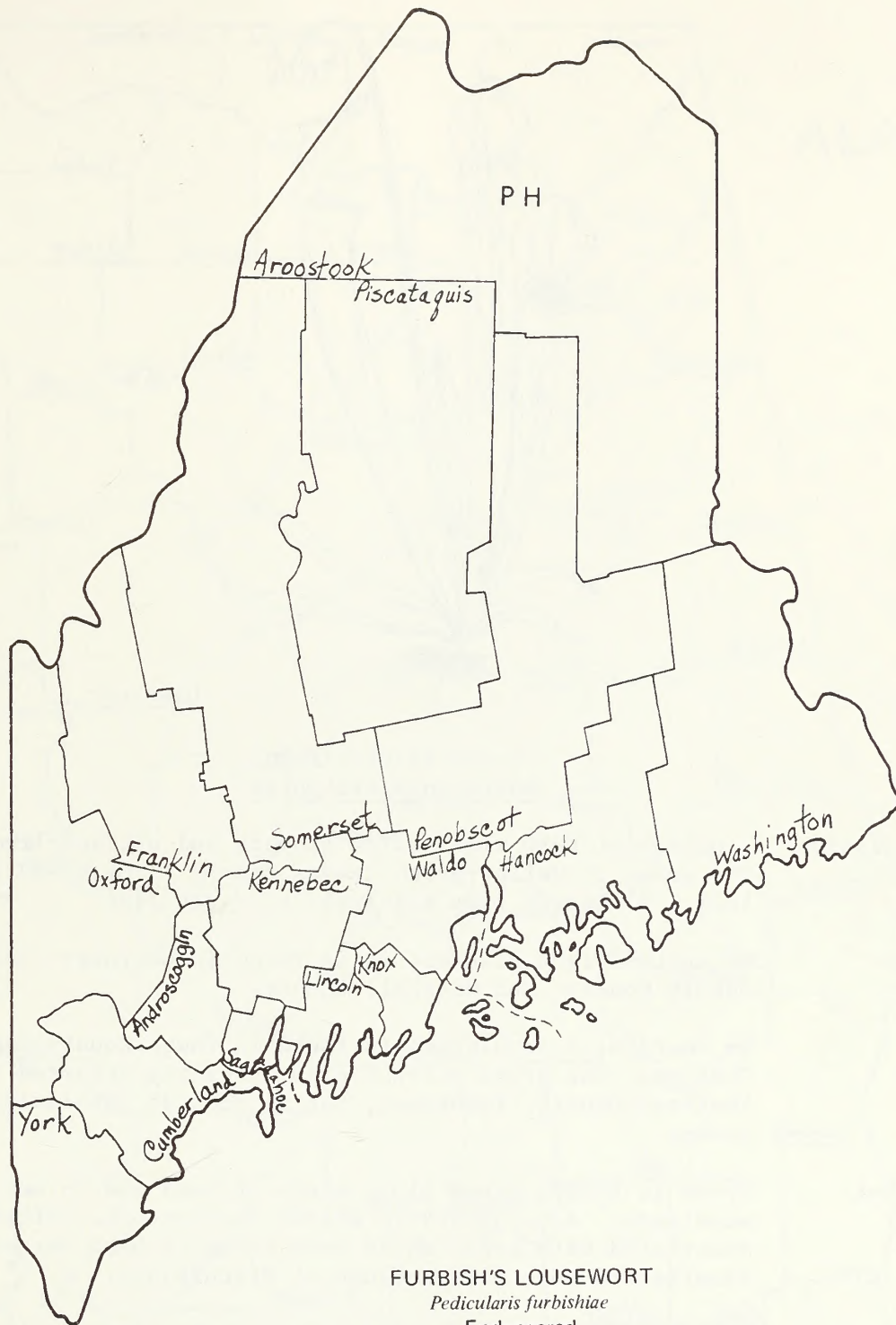
Furbish's Lousewort
Pedicularis forbishiae

Description: Tall, 40 to 90 mm. high. Leaves are pinnately parted and the short oblong divisions pinnatifid-incised. Calyx 5 lobed, upper lip of corolla straight. Flowers in July and August.

Range: Northern Maine and New Brunswick; along the banks of St. John's River.

Habitat: Woods, clearings, and riverbanks.

Reference: Gruber, D. 1977. The Mighty Furbish's Lousewort. Harvard Magazine 79(7):54-55.
Sparks, Z. 1977. Saga of the Furbish Lousewort. Brookland Botonic Garden Record: Plants and Gardens 33(1):13-14



FURBISH'S LOUSEWORT
Pedicularis furbishiae
 Endangered

MAINE



Green Pitcher Plant
Sarracenia oreophila

Description: A perennial herb with yellow flowers and pitcher-like leaves. The green to yellow-green leaves are 20-75 cm (8-30 inches) long. Flowering from mid-April to early June.

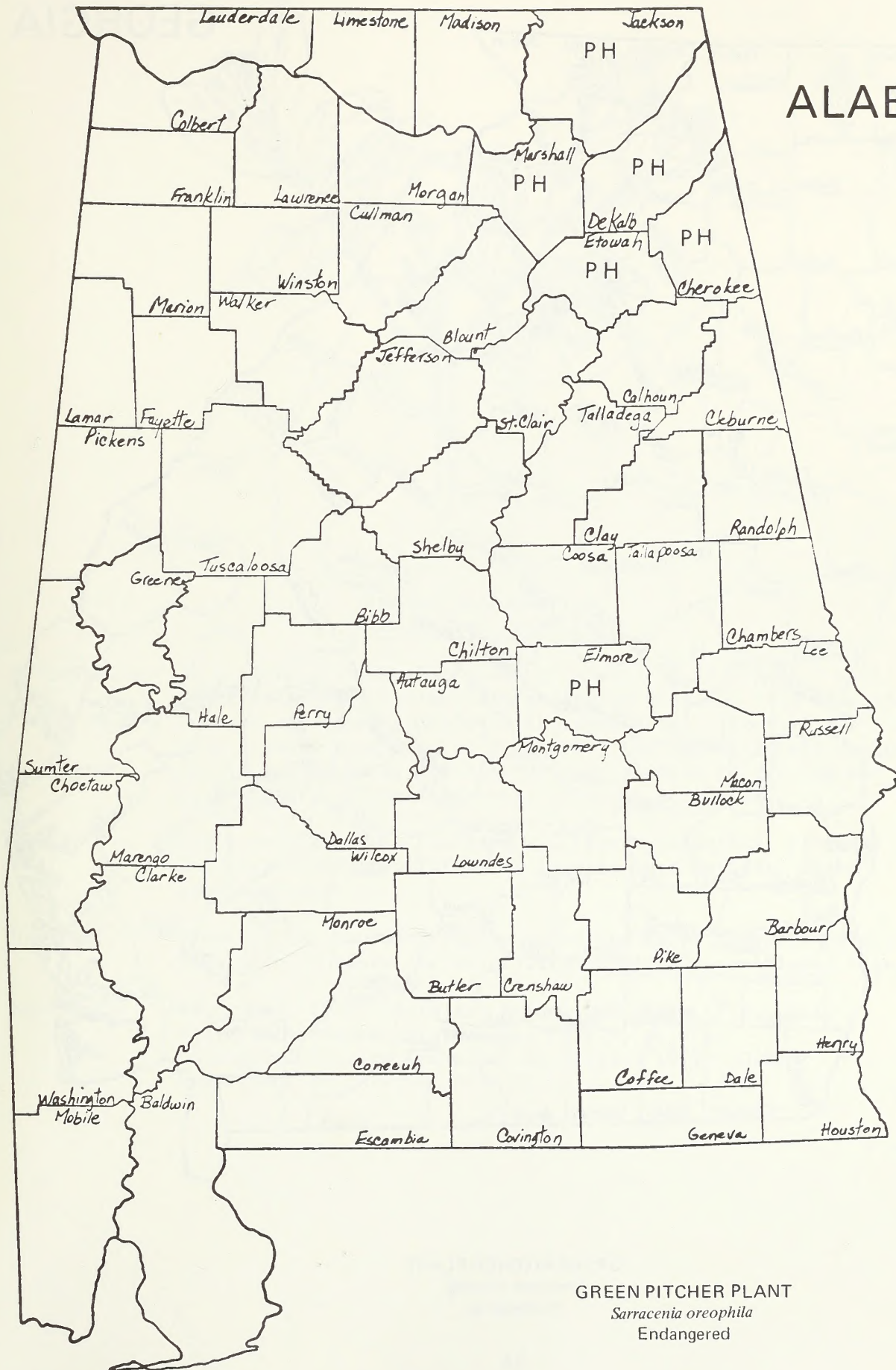
Range: In northeastern Alabama, it is found in Cherokee County, Dekalb County, and Marshall County.

In Georgia, a population is found in Towns County near Lake Chatuge. The green pitcher plant possibly occurred in Fentress County, Tennessee, but no present populations are known.

Habitat: Grows in shaded areas along sandy streams and in moist mesic woodlands. Also occurs in acidic depressions. Often associated with areas which have recently been burned or have experienced some mild ecological disturbance.

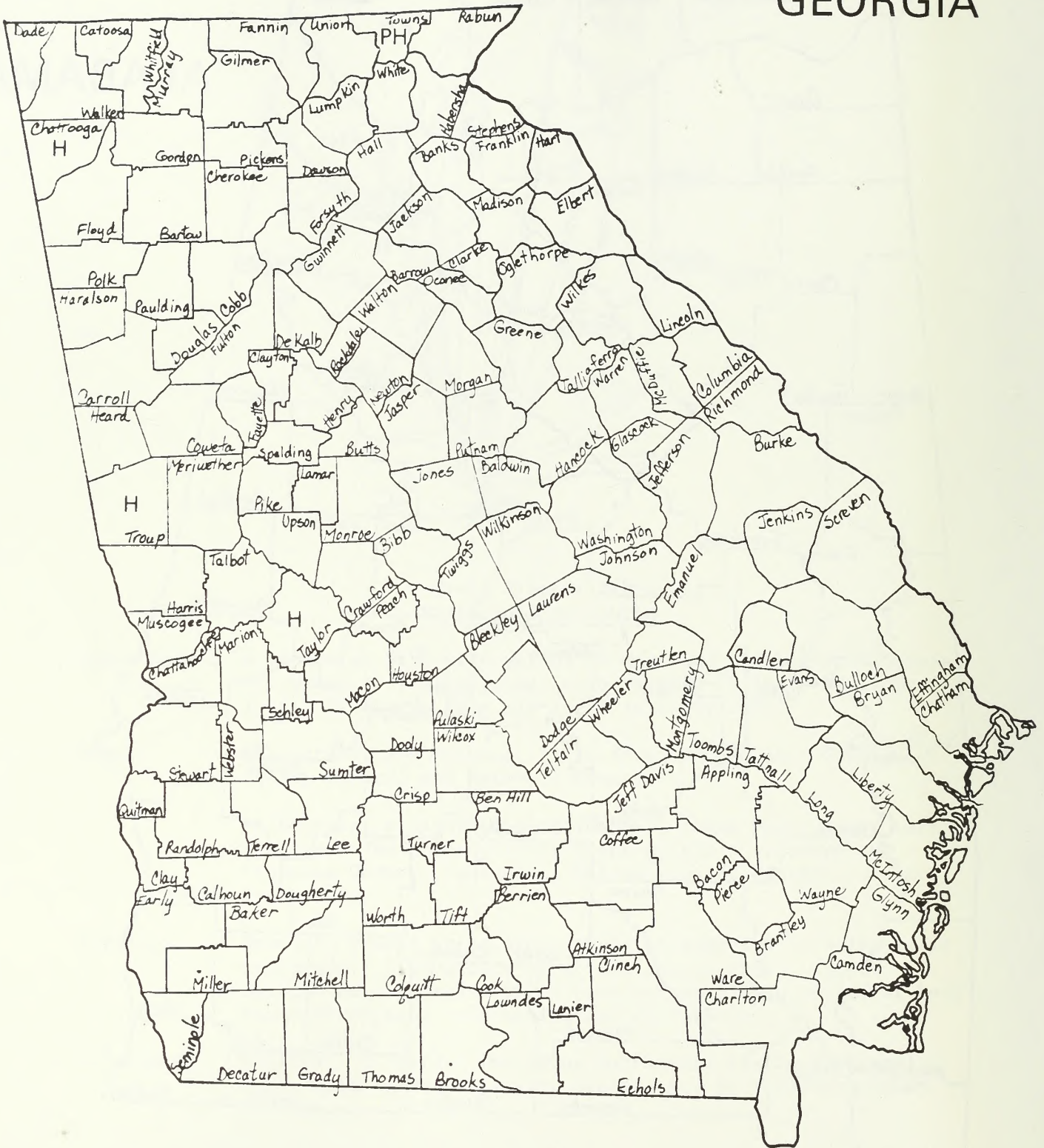
Reference: McDaniel, S. 1971. The Genus *Sarracenia* (Sarraceniaceae) Bull. Tall Timbers Research Station No. 9. Tallahassee, Florida.

ALABAMA



GREEN PITCHER PLANT
Sarracenia oreophila
Endangered

GEORGIA

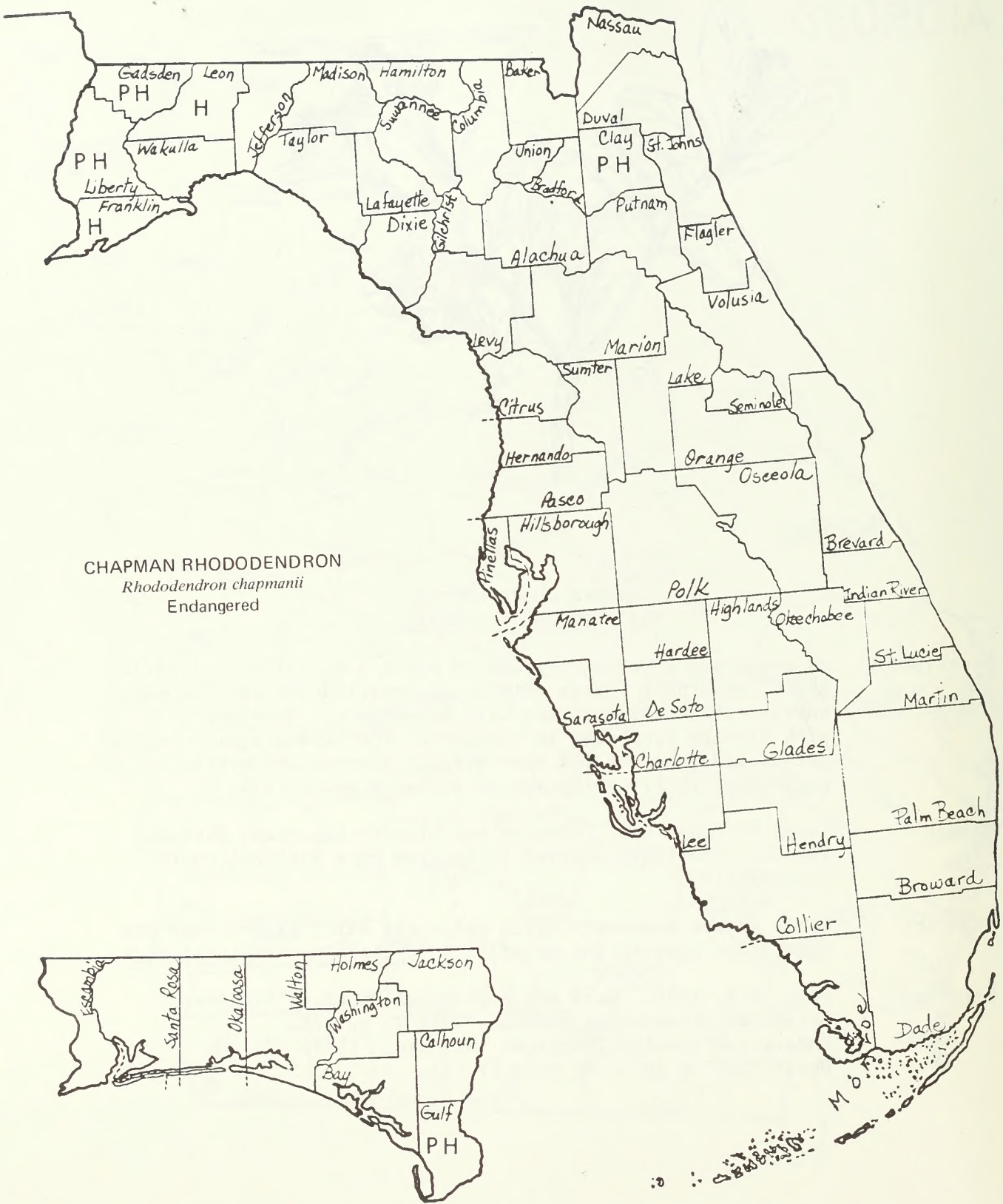


GREEN PITCHER PLANT
Sarracenia oreophila
 Endangered



Chapman Rhododendron
Rhododendron chapmanii

- Description:** An evergreen shrub that grows to about 2 m (6 1/2 ft.) tall. Short, alternate leaves with entire margins and oval in shape. Surface of leaves wrinkled with brown dots. Terminal rose pink flowers appearing in clusters. The five slightly unequal petals are fused at the base with 10 stamens projecting out of each flower. Flowering occurs in March and April.
- Range:** Found in Clay, Gulf, Gadsden and Liberty Counties, Florida. The Clay County population is located on a National Guard installation.
- Habitat:** Grows in the ecotonal region where the drier pine-turkey oak vegetation borders the moist titi (Cyrilla racemiflora) bogs.
- Reference:** Ward, D.B. 1979. Rare and Endangered Biota of Florida. Univeristy Presses of Florida. Vol. V, p. 175. Endangered Species Technical Bulletin. 1979. U.S. Department of Interior Vol. IV (5).



CHAPMAN RHODODENDRON
Rhododendron chapmanii
 Endangered

FLORIDA



Harper's Beauty
Harperocallis flava

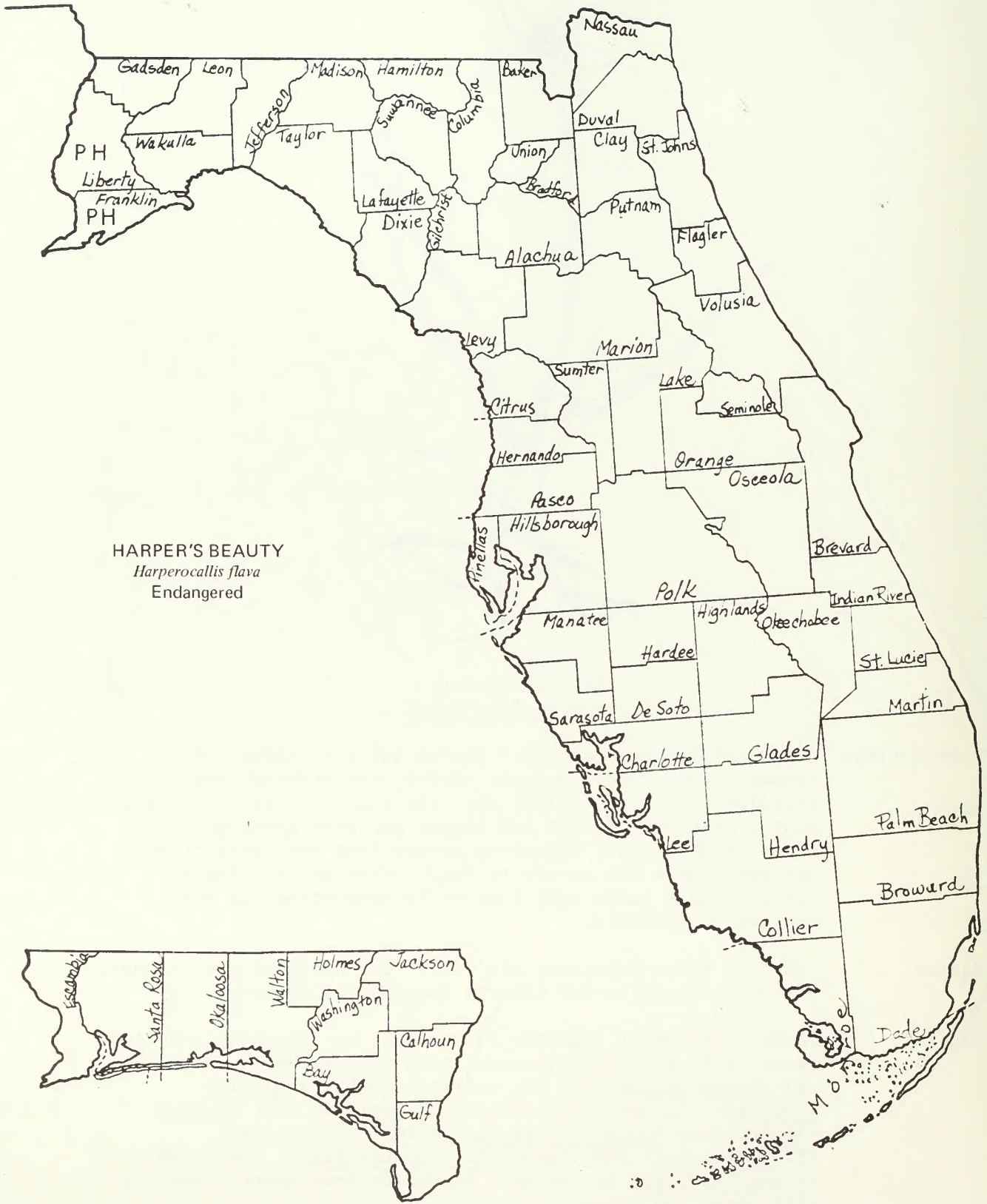
Description: A perennial herb with stiff leaves and a solitary yellow flower. Each flower has six petals, six stamens, and a superior ovary, typical of the lily family. Petals are yellow above, greenish beneath and become entirely green when the plant is in fruit. Flowering occurs from mid-April through May and fruits are mature in July. When not in flower, Harperocallis looks very similar to Narthecium and some species of Toliedia.

Range: Found at three locations all within the Apalachicola National Forest in Franklin and Liberty Counties, Florida.

Habitat: Found along moist roadside ditches and in open pineland bogs. Seems to be most closely associated with buckwheat tree (Cliftonia monophylla) and odorless bayberry (Myrica inodora). In wetter situations, associated with trumpet pitcherplant Sarracenia flava, parrot pitcherplant (S. psittacina) and pleea (Pleea tenuifolia). Pond pine (pinus serotina) is the most prevalent tree species associated with these bog habitats.

Reference: Ward, D.B. 1979. Rare and Endangered Biota of Florida, University Presses of Florida Vol. V, p. 175.

Endangered Species Technical Bulletin, 1979. U.S. Department of the Interior, Vol IV (11).



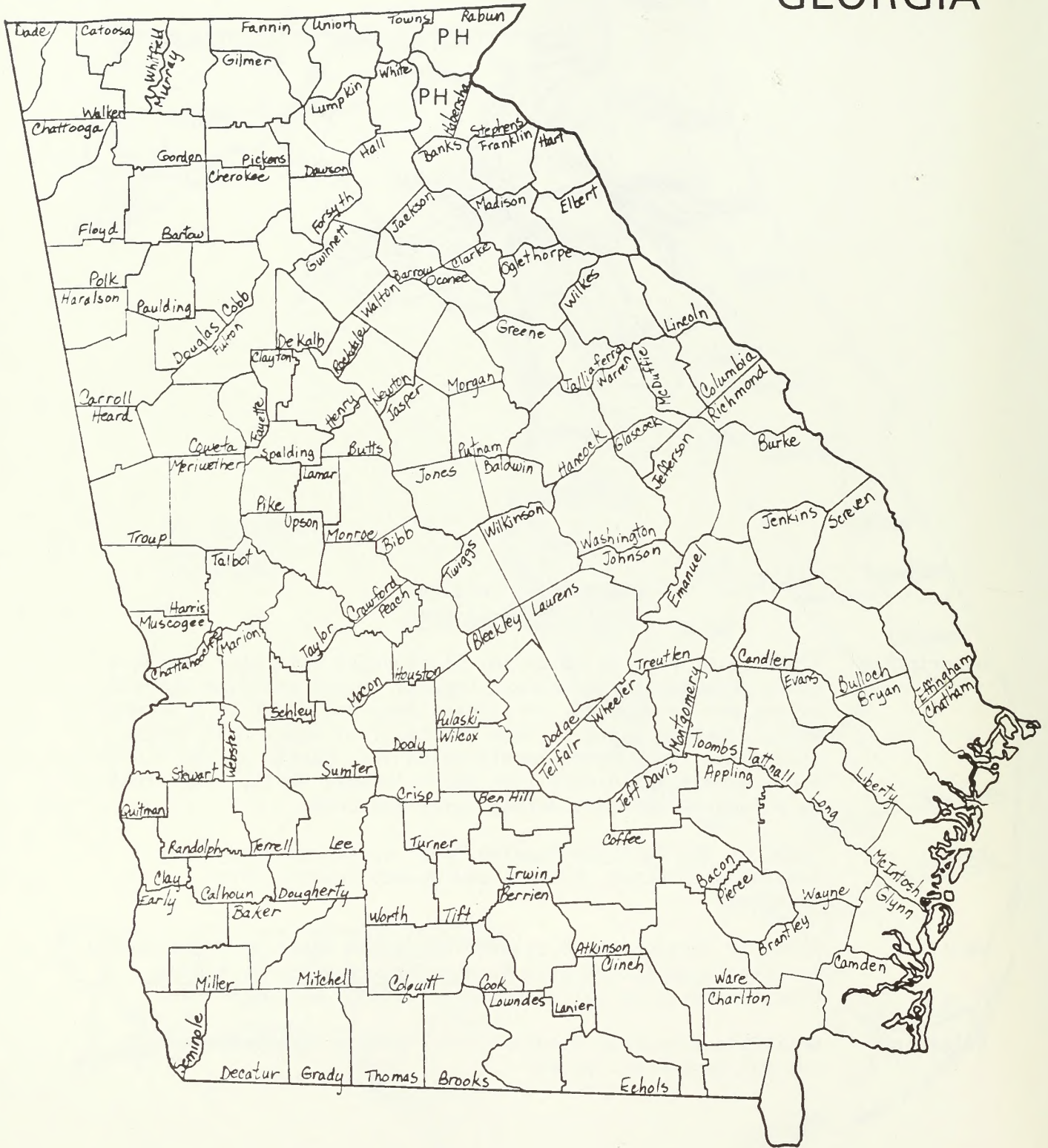
FLORIDA



Persistent Trillium
Trillium persistens

- Description: A perennial herb up to 25 cm. (10 inches) tall with a single whorl of three large leaves, typical of all trillium species. Leaves are up to 9 cm. (4 inches) long and taper to a pointed apex, distinguishing it from similar Trilliums. The single flower has three white petals which turn purple as the flower ages. Flowering occurs from March through April. The fruit is a follicle present during April and June.
- Range: Found in the Tallulah-Tugaloo River system in Rabun and Habersham Counties, Georgia and Oconee County, South Carolina.
- Habitat: Grows in deciduous and conifer-deciduous woods on steep slopes in close association with Rhododendron maximum or Riminus. Usually rooted in well-decomposed litter and loose loam.
- Reference: Georgia's Protected Plants. 1977. Georgia Department of Natural Resources. p. 64.

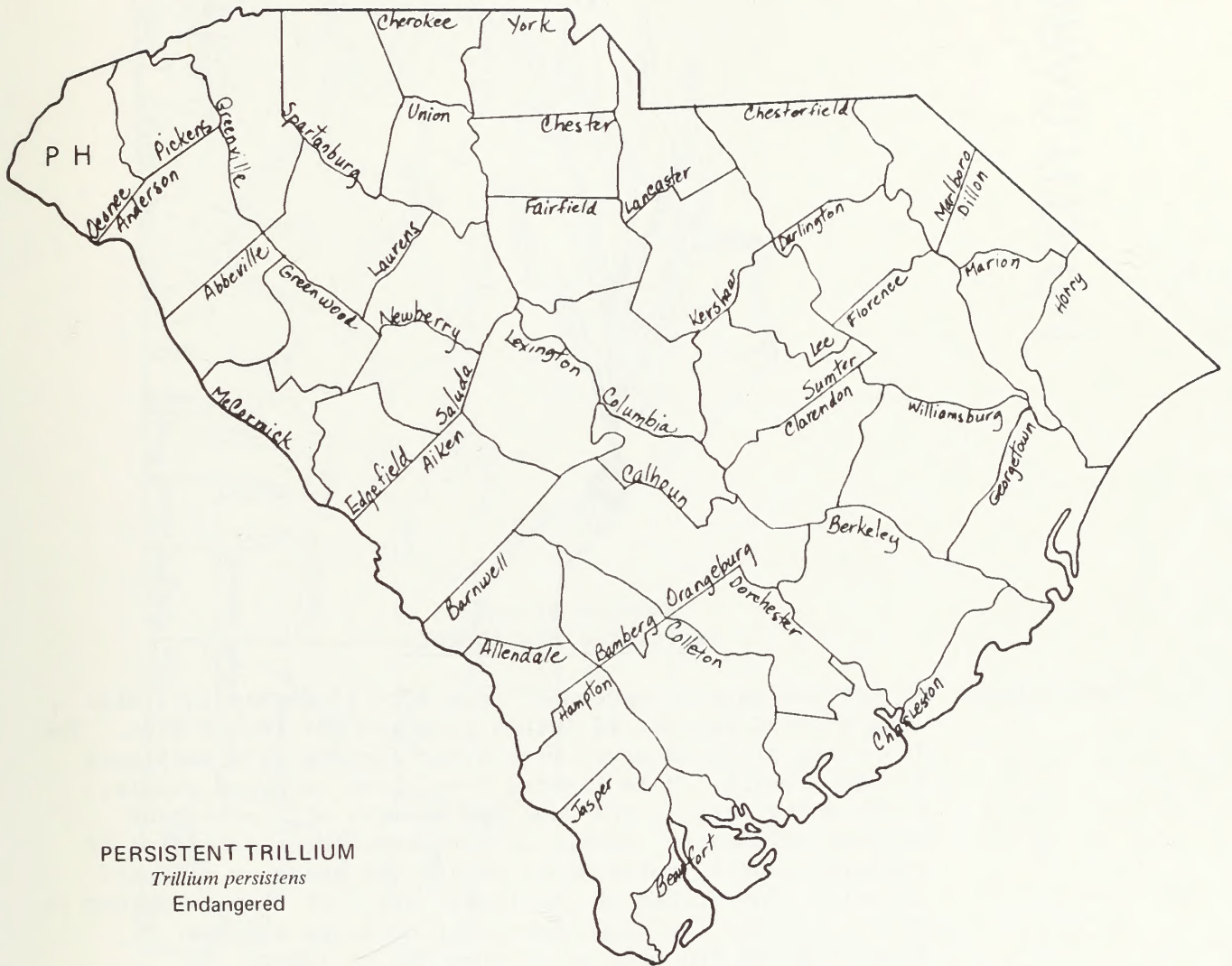
GEORGIA



PERSISTENT TRILLIUM

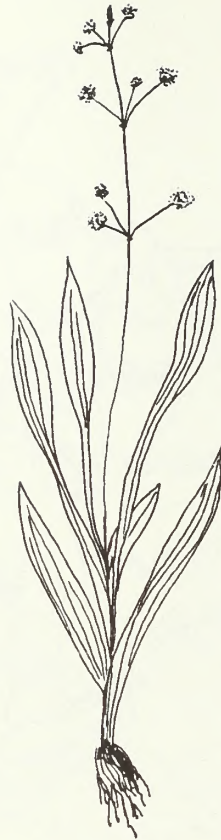
Trillium persistens

Endangered



PERSISTENT TRILLIUM
Trillium persistens
 Endangered

SOUTH CAROLINA



Bunched Arrowhead
Sagittoria fasciculata

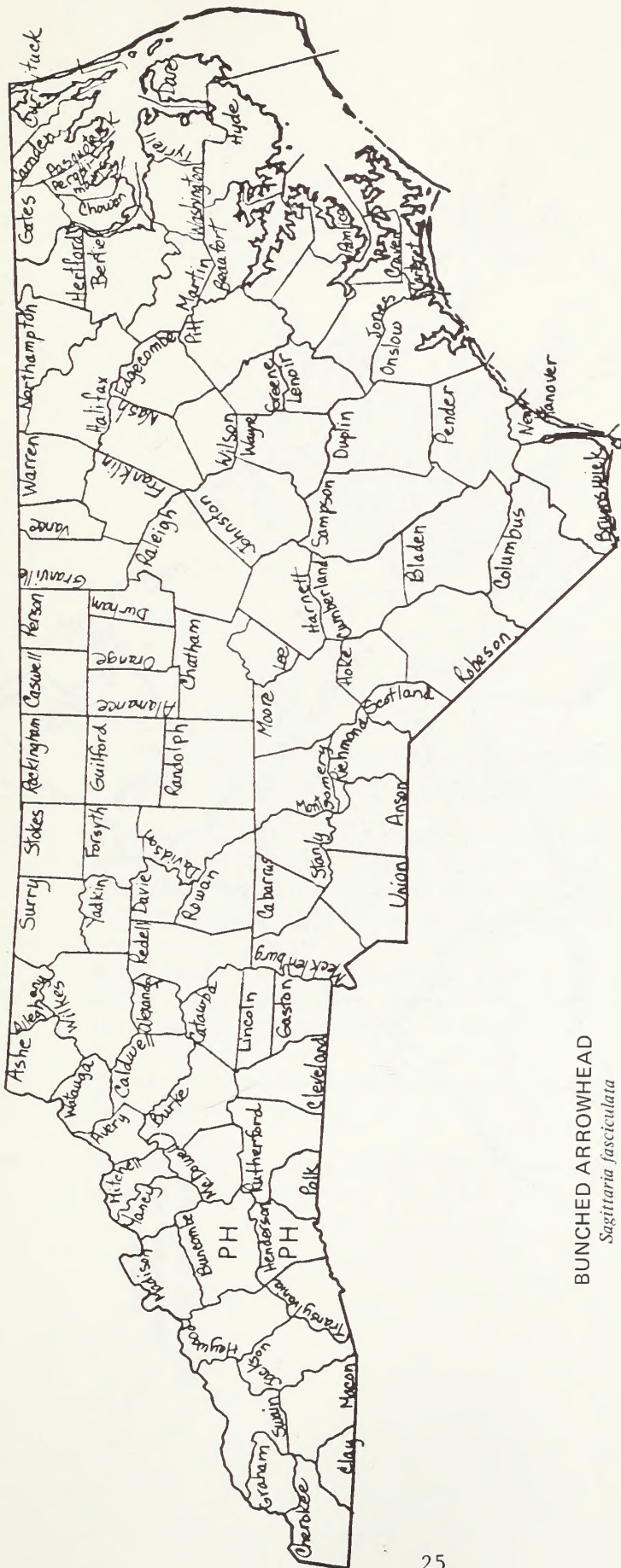
Description: An emersed aquatic perennial herb 6 to 13 inches tall with long-stalked leaves, 12 inches long and 3/4 inches wide. The flowering stalk is erect with upper flowers male and lower flowers female. Male flowers have three reflexed sepals, three white petals, and numerous stamens with pubescent dilated filaments. Female flowers have three spreading or reflexed sepals, three white petals and numerous separate carpels. The stalks of the lowest whorl of flowers ascend in fruit, and the fruiting head is of numerous achenes. Flowering and fruiting occur from May to July.

Range: Found only at two sites, one in Henderson County, North Carolina and one in Greenville County, South Carolina.

Habitat: Grows in spring seepage areas, and swamps, bogs, and streams which have little water flow but are not stagnant. Grows best in sandy loams in full sunlight.

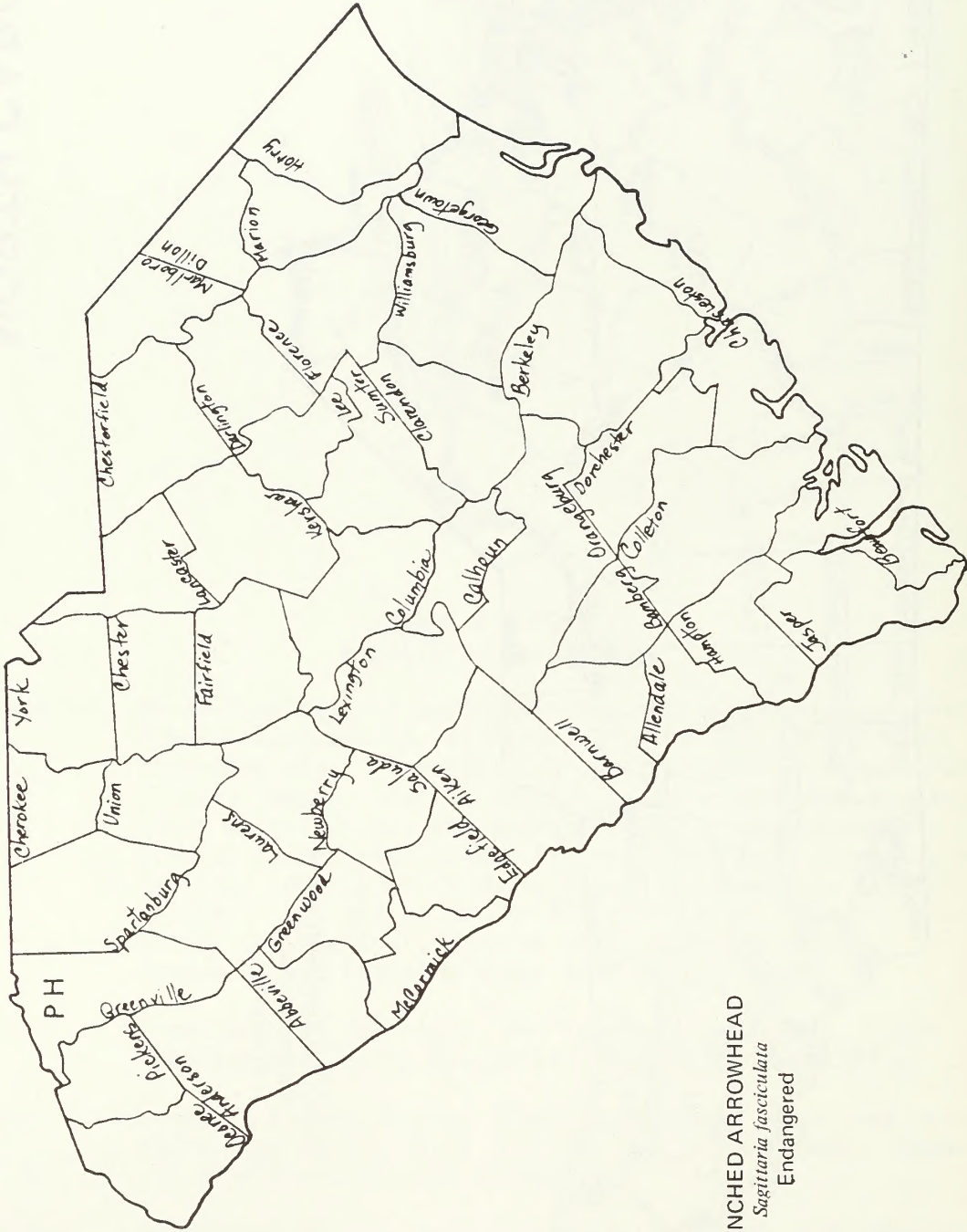
Reference: Endangered Species Technical Bulletin. 1979. U.S. Department of the Interior. Vol. IV (8).

North Carolina Endangered and Threatened Vascular Plants. 1977. North Carolina State Museum of Natural History, p. 56-142.



BUNCHED ARROWHEAD
Sagittaria fasciculata
 Endangered

NORTH CAROLINA



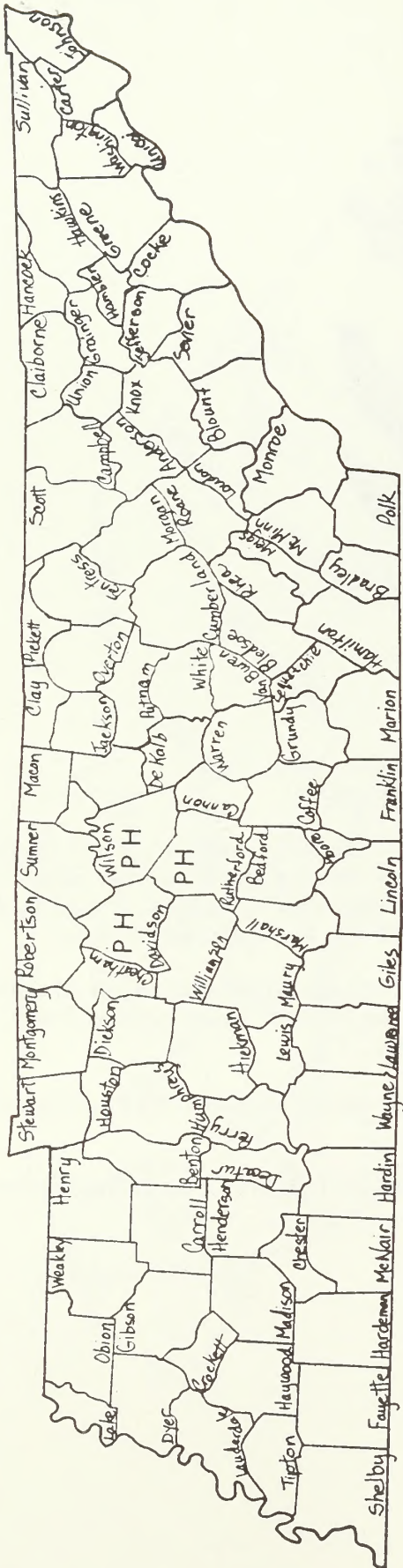
BUNCHED ARROWHEAD
Sagittaria fasciculata
 Endangered

SOUTH CAROLINA



Tennessee Purple Coneflower
Echinacea tennesseensis

- Description: A perennial herb, 10-40 cm (4-16 inches) tall with up to four unbranched stems. Narrow leaves are crowded at the base of the stem becoming more distant upwards. Flowers are pink to purplish-pink appearing in mid-June to September.
- Range: Found only in north central Tennessee in Davidson, Rutherford and Wilson Counties. Part of the Wilson County population is located in Lebanon State Forest.
- Habitat: Grows in shallow limestone soil in dry, open areas bordered by red cedar.
- Reference: Endangered Species Technical Bulletin. 1979. U.S. Department of the Interior. Vol. IV (7).



TENNESSEE PURPLE CONEFLOWER
Echinacea tennesseensis
 Endangered

TENNESSEE



Hairy Rattleweed
Baptisia arachnifera

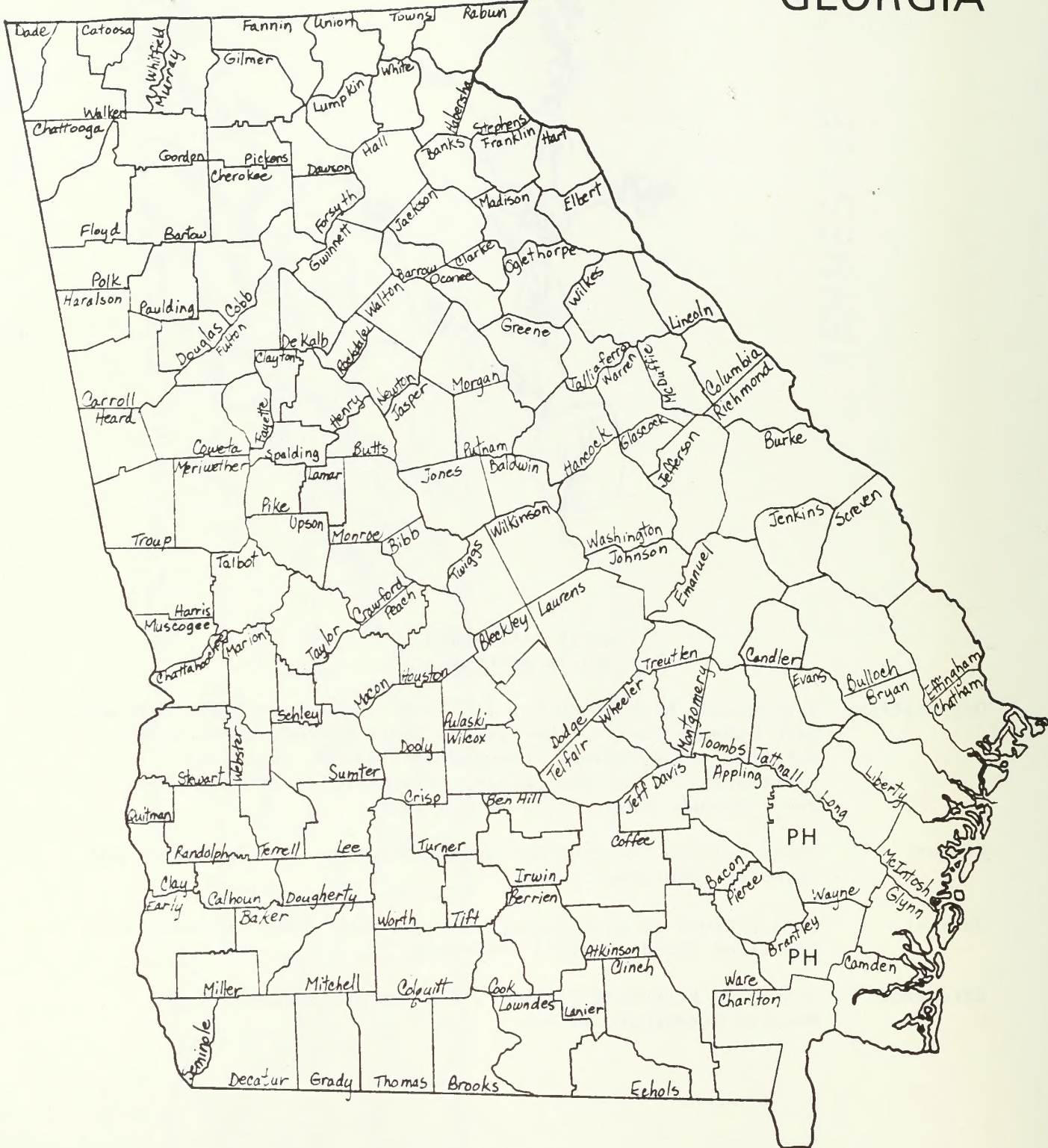
Description: A perennial herb 50-80 cm. (19 to 31 inches) tall and covered with cobwebby hairs. Leaves are heart shaped, green above, slightly yellow below. Flowers are yellow, arranged alternately, with five petals. Flowering period from late June through July. Fruit is a legume.

Range: Found only in two counties in southeastern Georgia; Wayne and Brantley counties.

Habitat: Mostly found as ground cover in open pine woods on sandy soil. Sometimes found in mixed woodlands.

Reference: Georgia's Protected Plants. 1977. Georgia Department of Natural Resources. p. 64.

GEORGIA



HAIRY RATTLEWEED
Baptisia arachnifera
 Endangered

STATE LISTED ENDANGERED AND THREATENED PLANTS

The Bureau of Land Management will accord official state listed species the full protection that the Endangered Species Act of 1973, as amended, requires. This means the Bureau will make an intensive search for the official state listed plants in all areas where projects are planned which could have a significant impact on the listed plants or their habitat. However, the BLM State Director may determine that current information on the occurrence of a plant species is adequate to allow a specific action.

The 31 states within the jurisdiction of Eastern States BLM are in various stages of their endangered plant programs. Nine states have official endangered plant lists. By official list, we mean a list which has passed the legislature and offers protection for the listed species. These nine states include Florida, Georgia, Illinois, Michigan, Minnesota, New York, Ohio, Vermont, and Wisconsin. Many other states have developed endangered plant lists but they have not been passed by their legislature, and therefore are not protected by any laws or regulations. Some states are presently conducting field inventories to determine which plants are rare and in need of protection.

Over the past decade, many animals have been classified as endangered. However, listing plants as endangered or threatened is a relatively new idea. Many people are not aware of the need to protect rare plants and therefore do not support legislation to protect them. With increased public awareness and educational programs, people may become more receptive to the need to protect their native flora.

ALABAMA

Status: Unofficial List

Alabama does not have an official endangered plant list which has been approved by the legislature and offers protection to it's rare plants. However, in 1976 a symposium was held by the Game and Fish Division of the Alabama Department of Conservation and Natural Resources and the University of Alabama on Endangered and Threatened Plants and Animals of Alabama. A preliminary list of over 200 endangered and threatened plants was compiled by a committee of botanists and presented at this symposium.

This preliminary list may serve as a stimulus for further study of rare plants and encourage the legislature to pass laws to protect these species.

Reference: Endangered and Threatened Plants and Animals of Alabama.
University of Alabama, 1976.

ARKANSAS

Status: Unofficial List

Arkansas does not have an official list of endangered plants which has been approved by the legislature. However, in the Arkansas Natural Area Plan, 75 species are considered "rare but without detailed distributional data." Research is continuing to complete a detailed inventory of plants found in Arkansas.

Reference: Arkansas Natural Area Plan
Arkansas Department of Planning. 1974.

CONNECTICUT

Status: Unofficial List

Connecticut does not have an official endangered plant list, although research is continuing to inventory the native flora of the state. Botanists realize the need to protect Connecticut's rare plants and are working towards that goal.

Reference: Rare and Endangered Species of Connecticut and their Habitats
by J.J. Dowhan and R.J. Craig, 1976.

DELAWARE

Status: Unofficial List

Delaware has a proposed list of endangered and threatened plants and research is continuing to assess the status of all the native flora. Delaware and Maryland are cooperating on an inventory of the eastern shore flora. Delaware may try to preserve and protect specific areas where rare plants occur rather than protect specific plants.

FLORIDA

Status: Official List

Florida passed an official Endangered and Threatened Plant List in 1978. The law reads "With regard to any plant on the Endangered Plant List provided in subsection (2), it is unlawful for any person:

1. To willfully injure or destroy any such plant growing on the private land of another without first obtaining the written permission of the owner of the land or his legal representative.
2. To willfully injure or destroy any such plant growing on any public land or water without first obtaining the written permission of the superintendent or custodian of such land or water and a permit from the department as provided in this section.
3. To willfully harvest, collect, pick or remove less than three individual plants of a given species listed on the Endangered Plant List from the private land of another without first obtaining the written permission of the owner of the land or his legal representative, or from any public land or water without first obtaining the written permission of the superintendent or custodian of such land or water.
4. To willfully harvest, collect, pick or remove three or more individual plants of a given species listed on the Endangered Plant List from any native habitat without first obtaining the written permission of the owner of the land or his legal representative or, in the case of public land or water, the written permission of the superintendent or custodian of such land or water, and a permit from the department as provided in this section..."

Basically, the same laws apply to threatened species. Persons violating these regulations will be guilty of a misdemeanor of the first degree.

Reference: Plants
Rare and Endangered Biota of Florida
Daniel Ward (Ed)
University Presses of Florida, 1978.

Florida's Official List of Endangered and Threatened Plants

Annonaceae

- | | | |
|--------------------|-------------|------------|
| 1) Annona glabra | Pond apple | Threatened |
| 2) Asimina pygmaea | Pink pawpaw | Threatened |

Aristolochiaceae

- | | | |
|---------------------------|-----------------|------------|
| 3) Aristolochia tomentosa | Dutchman's pipe | Threatened |
|---------------------------|-----------------|------------|

Florida's Official List
of Endangered and Threatened Plants (cont.)

Asclepiadaceae

- | | | | |
|----|--------------------|-------------------|------------|
| 4) | Asclepias curtisii | Sandhill milkweed | Threatened |
|----|--------------------|-------------------|------------|

Boraginaceae

- | | | | |
|----|---------------------------|--------------|------------|
| 5) | Tournefortia gnaphalodes | Sea lavender | Threatened |
| 6) | Tournefortia hirsutissima | Tournefortia | Threatened |

Bromeliaceae

- | | | | |
|----|------------------------|---------------------|------------|
| 7) | Catopsis sp. | bromeliad | Endangered |
| 8) | Guzmania sp. | bromeliad | Endangered |
| 9) | Tillandsia fasciculata | Wild pine bromeliad | Endangered |

Cactaceae

- | | | | |
|-----|-----------------|----------------------|------------|
| 10) | Cereua gracilis | Prickly apple cactus | Endangered |
| 11) | Cereus robinii | Tree cactus | Endangered |

Calycanthaceae

- | | | | |
|-----|----------------------|-----------------|------------|
| 12) | Calycanthus floridus | Strawberry bush | Threatened |
|-----|----------------------|-----------------|------------|

Campanulaceae

- | | | | |
|-----|--------------------|-----------------|------------|
| 13) | Lobelia cardinalis | Cardinal flower | Threatened |
|-----|--------------------|-----------------|------------|

Commelinaceae

- | | | | |
|-----|-----------------|-----------------|------------|
| 14) | Commelina gigas | Giant dewflower | Threatened |
|-----|-----------------|-----------------|------------|

Compositae

- | | | | |
|-----|-------------------|-------------|------------|
| 15) | Liatris ohlingeri | Gay feather | Threatened |
|-----|-------------------|-------------|------------|

Cornaceae

- | | | | |
|-----|---|---------|------------|
| 16) | Cornus florida and Cornus
alternifolia | Dogwood | Threatened |
|-----|---|---------|------------|

Cucurbitaceae

- | | | | |
|-----|--------------------------|--------------|------------|
| 17) | Clusia rosea | Balsam apple | Threatened |
| 18) | Cucurbita okeechobiensis | Okeechobee | Threatened |

Florida's Official List
of Endangered and Threatened Plants (cont.)

Ericaceae

19) <i>Rhododendron austrinum</i>	Orange azalea	Endangered
20) <i>Rhododendron chapmanii</i>	Chapman rhododendron	Endangered
21) <i>Epigaea repens</i>	Trailing arbutus	Threatened
22) <i>Kalmia hirsuta</i>	Wicky	Threatened
23) <i>Kalmia latifolia</i>	Mountain laurel	Threatened

Iridaceae

24) <i>Nemastylis floridana</i>	Fall-flowering ixia	Threatened
25) <i>Sphenostigma coelestina</i>	Bartram's ixia	Threatened

Lauraceae

26) <i>Pinckneya pubens</i>	Fever tree	Threatened
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Leguminosae

27) <i>Cassia keyensis</i>	Key cassia	Endangered
28) <i>Cercis canadensis</i>	Redbud	Threatened

Leitneriaceae

29) <i>Leitneria floridana</i>	Corkwood	Threatened
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Liliaceae

30) <i>Zephyranthes atamasco</i>	Zephyr lily	Endangered
31) <i>Erythronium americanum</i>	Dogtooth lily or violet	Threatened
32) <i>Lilium catesbaei</i>	Pine lily	Threatened
33) <i>Smilax smallii</i>	Jackson vine	Threatened

Limnanthaceae

34) <i>Ceratiola eriocoides</i>	Sand cedar	Threatened
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Magnolia ceae

35) <i>Magnolia ashei</i>	Ashe magnolia	Endangered
36) <i>Magnolia pyramidata</i>	Pyramidal magnolia	Endangered

Myrtaceae

37) <i>Eugenia confusa</i> and <i>E. simpsonii</i>	Redberry and Simpson eugenia	Threatened
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Oleaceae

38) <i>Chionanthes pygamaeus</i>	Fringetree or Granny-graybeard	Endangered
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Florida's Official List
of Endangered and Threatened Plants (cont.)

Oleaceae (cont.)

- | | | |
|-----------------------------------|------------------------------------|------------|
| 39) <i>Chionanthes virginicus</i> | Fringegree or Granny-
graybeard | Threatened |
|-----------------------------------|------------------------------------|------------|

Ophioglossaceae

- | | | |
|----------------------------------|-----------|------------|
| 40) <i>Ophioglossum palmatum</i> | Hand fern | Endangered |
|----------------------------------|-----------|------------|

Orchidaceae

- | | | |
|--|--------------------------|------------|
| 41) <i>Cyrtopodium punctatum</i> | Cowhorn or cigar orchid | Endangered |
| 42) <i>Encyclia boothiana</i> | Dollar orchid | Endangered |
| 43) <i>Ionopsis utricularioides</i> | Delicate ionopsis orchid | Endangered |
| 44) <i>Maxillaria crassifolia</i> | Orchid | Endangered |
| 45) <i>Polyrrhiza lindenii</i> | Ghost orchid | Endangered |
| 46) <i>Sarracenia</i> - all species
native to the state | Pitcher Plant | Endangered |

Palmae

- | | | |
|-----------------------------------|--------------------|------------|
| 47) <i>Roystonea elata</i> | Florida royal palm | Endangered |
| 48) <i>Coccothrinax argentata</i> | Silver palm | Endangered |

Polypodiaceae

- | | | |
|--|---------------------|------------|
| 49) <i>Asplenium auritum</i> | Auricled spleenwort | Endangered |
| 50) <i>Blechnum occidentale</i> | Sinkhole fern | Endangered |
| 51) <i>Campyloneurum angustifolium</i> | Narrow swamp fern | Endangered |
| 52) <i>Dennstaedtia bipinnata</i> | Cuplet fern | Endangered |

Rosaceae

- | | | |
|-------------------------------|------------|------------|
| 53) <i>Malus angustifolia</i> | Crab apple | Threatened |
|-------------------------------|------------|------------|

Rubiaceae

- | | | |
|---------------------------------|-------------------|------------|
| 54) <i>Strumfia maritima</i> | Pride-of-big-pine | Endangered |
| 55) <i>Catesbaea parviflora</i> | Dune lily-thorn | Threatened |

Sapindaceae

- | | | |
|---------------------------|---------|------------|
| 56) <i>Cupania glabra</i> | Cupania | Threatened |
|---------------------------|---------|------------|

Saxifragaceae

- | | | |
|-----------------------------|-----------------------|------------|
| 57) <i>Ribes echinellum</i> | Miccosukee gooseberry | Endangered |
|-----------------------------|-----------------------|------------|

Taxaceae

- | | | |
|------------------------------|-----------------|------------|
| 58) <i>Taxus floridana</i> | Florida yew | Endangered |
| 59) <i>Torreya taxifolia</i> | Florida torreya | Endangered |

Florida's Official List
of Endangered and Threatened Plants (cont.)

Zygophyllaceae

60) *Guaiacum sanctum* no common name Endangered

The following plants are threatened:

61) Bromelads - all species of the bromeliad family, sometimes known as air plants, or wild pines, native to the state except *Tillandsia usneoides*, the Spanish moss and *Tillandsia recurvata*, the ball moss, and except those included on the Endangered Plant List.

62) Cacti - all native species of cacti, except the spreading or prostrate-growing species of *Opuntia*, which are specifically excluded from this section, and except those included in the Endangered Plant List.

63) Orchids - all species of the orchid family, both epiphytic and terrestrial, native to the state, except those included in the Endangered Plant List.

64) Ferns - all species of the fern families native to the state except *Osmunda* (cinnamon and royal fern) and *Pteris aquilinum* (common bracken), which are specifically excluded from this section, and except those included in the Endangered Plant List.

65) *Ilex* - all species (holly), except *Ilex glabra* (gall berry) which is specifically excluded from this section.

66) Palms - all species of the palm family native to the state except *Serenoa repens* (Saw palmetto), and except those included in the Endangered Plant List.

67) *Peperomia* - all species native to the state (pepper).

68) *Rhodendron* - all native species (azalea), except those included in the Endangered Plant List.

69) *Zamia* - all species native to the state (coontie).

70) *Zephyranthes* - all white species (zephyr lily), except those included in the Endangered Plant List.

71) *Chrysophyllum olivaeforme* Satin leaf

72) *Cienfuegosia heterophylla* Yellow hibiscus

73) *Cordia sesbestena* Geiger tree

74) *Garberia fruticosa* Garberia

75) *Gordonia lasianthus* Loblolly-bay

76) <i>Illicium floridanum</i> and <i>I. parviflorum</i>	Anise shrubs
77) <i>Jacquinia keyensis</i>	Joewood
78) <i>Licaria triandra</i>	Gulf licaria
79) <i>Mimusops emarginata</i>	Dilly
80) <i>Pavonia spinifex</i>	Yellow hibiscus
81) <i>Piscidia piscipula</i>	Fish-fuddle or Jamaica dogwood
82) <i>Scaevola plumieri</i>	Scaevola
83) <i>Suriana maritima</i>	Bay cedar
84) <i>Swietenia mahogoni</i>	Mahogany
85) <i>Tetrazygia bicolor</i>	Tetrazygia
86) <i>Thespesia populnea</i>	Mahoe

Occurrence of Endangered and Threatened
Plants in Florida by County*

County	Species Reference Number	County	Species Reference Number
Alachua	33	Lafayette	33
Baker	25,33	Lake	4,24,33
Bay	19,23,33,35,46	Lee	4,10
Bradford	25,33	Leon	33
Brevard	4,5,24	Levy	29,33,50
Broward	5,14,24,40,48	Liberty	19,20,23,33,46,58,59
Calhoun	16,19,23,33,46	Madison	33
Charlotte	4,10	Manatee	10
Citrus	33	Marion	4,33
Clay	4,20,25,33	Martin	4,5,14
Collier	4,7,10,44,47,49,51	Monroe	7,10,11,27,41,42,54, 55,56,60
Columbia	33	Nassau	33
Dade	5,7,8,10,40,41,42,47 48,51	Okeechobee	4,14
Desoto	4	Orange	4,24
Dixie	33	Osceola	4,24
Duval	33	Palm Beach	4,5,14,18,40
Escambia	19,21,23,33,46	Pasco	33
Flagler	24,33	Pinellas	4
Franklin	29,33,46	Polk	4,38
Gadsden	16,19,20,23,31,33	Putnam	4,25,33
Gilchrist	33	St. Johns	25,33
Glades	14,18	St. Lucie	4,5,14
Gulf	19,20,33,46	Santa Rosa	19,21,23,33,35,46
Hamilton	33	Sarasota	10
Hardee	4	Seminole	4,24,52
Hendry	4,14,18	Sumpter	4,33
Hernando	33,50	Suwannee	23,33
Highlands	4,14,33,38	Taylor	33
Hillsborough	4,33	Union	25,33
Holmes	19,23,33,46	Volusia	24,33
Indian River	4,5	Wakulla	29,33
Jackson	19,23,33,46,59	Walton	19,21,23,33,35,46
Jefferson	33,57	Washington	19,23,33,35,46

*Information not included for 1,2,3,9,12,13,15,17,22,26,28,30,32,34,36,37,39,43,45,53,61-86.

GEORGIA

Status: Official List

Georgia has one of the most advanced endangered plant programs in the east. It offers protection to 58 plants. The law protecting these plants states:

(a) no person within this State shall cut, dig, pull up or otherwise remove any protected species from public land unless such person has secured an appropriate permit from the Department.

(b) no person within this State shall sell or offer for sale, for any purpose, any protected plant species, unless such species was grown on private land and is being sold by the landowner or with the permission of the landowner.

(c) no person within the State shall transport, carry, or otherwise convey any protected plant species from the land or another unless each shipment thereof has affixed a tag supplied by the Department showing that the person so transporting, carrying, or conveying such protected species has removed such specimen(s) from the private lands of another person with the permission of such other person and has a written document in his possession evidencing such permission, and further evidencing that such specimen has not been sold in violation of section (b) above.

The penalty for violating this law is a misdemeanor charge.

Publication: Georgia's Protected Plants
Georgia Department of Natural Resources
1977

Georgia's Official List of Endangered and Threatened Plants

Berberidaceae

1) Jeffersonia diphylla	Twinleaf	Endangered
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Brassicaceae

2) Draba aprica	Whitlow-wort	Endangered
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Caprifoliaceae

3) Viburnum bracteatum	Arrow-wood	Endangered
------------------------	------------	------------

Caryophyllaceae

4) Silene polypetala	Fringed Campion	Endangered
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Georgia's Official List
of Threatened and Endangered Plants (cont.)

Cyperaceae

- | | | |
|-----------------------------------|--------------|------------|
| 5) <i>Carex biltmoreana</i> | Carex | Endangered |
| 6) <i>Fimbristylis perpusilla</i> | Fimbristylis | Endangered |

Diapensiaceae

- | | | |
|--|-------------|------------|
| 7) <i>Shortia galacifolia</i> var.
<i>galacifolia</i> | Ocone-bells | Endangered |
|--|-------------|------------|

Ericaceae

- | | | |
|-----------------------------|---------------|------------|
| 8) <i>Elliotia racemosa</i> | Georgia plume | Endangered |
|-----------------------------|---------------|------------|

Fabaceae

- | | | |
|--------------------------------|------------------|------------|
| 9) <i>Baptisia arachnifera</i> | Hairy rattleweed | Endangered |
|--------------------------------|------------------|------------|

Liliaceae

- | | | |
|-----------------------------------|---------------------|------------|
| 10) <i>Hymenocallis coronaria</i> | Spider-lily | Endangered |
| 11) <i>Veratrum woodii</i> | False hellebore | Endangered |
| 12) <i>Trillium persistens</i> | Persistent trillium | Endangered |

Lythraceae

- | | | |
|-----------------------------|-------------|------------|
| 13) <i>Lythrum curtissi</i> | Loosestrife | Endangered |
|-----------------------------|-------------|------------|

Poaceae

- | | | |
|----------------------------|-------------|------------|
| 14) <i>Panicum hirstii</i> | Panic grass | Endangered |
|----------------------------|-------------|------------|

Primulaceae

- | | | |
|--------------------------------|-------------|------------|
| 15) <i>Trientalis borealis</i> | Star-flower | Endangered |
|--------------------------------|-------------|------------|

Rosaceae

- | | | |
|----------------------------------|--------------------------|------------|
| 16) <i>Potentilla tridentata</i> | Three-toothed cinquefoil | Endangered |
|----------------------------------|--------------------------|------------|

Salicaceae

- | | | |
|----------------------------|--------|------------|
| 17) <i>Salix floridana</i> | Willow | Endangered |
|----------------------------|--------|------------|

Sapotaceae

- | | | |
|----------------------------|-----------|------------|
| 18) <i>Bumelia thornei</i> | Buckthorn | Endangered |
|----------------------------|-----------|------------|

Georgia's Official List
of Threatened and Endangered Plants (cont.)

Sarraceniaceae

- | | | |
|--------------------------------|-------------------------|------------|
| 19) <i>Sarracenia purpurea</i> | Flytrap, Indian pitcher | Endangered |
| 20) <i>Sarracenia rubra</i> | Sweet pitcher-plant | Endangered |

Scrophulariaceae

- | | | |
|---------------------------------|-----------------|------------|
| 21) <i>Amphianthus pusillus</i> | Amphianthus | Endangered |
| 22) <i>Lindernia saxicola</i> | False pimpernel | Endangered |

Taxaceae

- | | | |
|------------------------------|----------------|------------|
| 23) <i>Torreya taxifolia</i> | Stinking cedar | Endangered |
|------------------------------|----------------|------------|

Apiaceae

- | | | |
|----------------------------|----------------------|------------|
| 24) <i>Oxypolis canbyi</i> | Cow-bone, Hog-fennel | Threatened |
|----------------------------|----------------------|------------|

Asteraceae

- | | | |
|-----------------------------------|-------------------|------------|
| 25) <i>Cacalia diversifolia</i> | Indian plantain | Threatened |
| 26) <i>Echinaceae laevigata</i> | Purple coneflower | Threatened |
| 27) <i>Hartwrightia floridana</i> | Hartwrightia | Threatened |
| 28) <i>Senecio millefolium</i> | Ragwort | Threatened |

Brassicaceae

- | | | |
|--|---------------|------------|
| 29) <i>Arabis georgiana</i> | Rock cress | Threatened |
| 30) <i>Leavenworthia exigua</i> var.
<i>lutea</i> | Leavenworthia | Threatened |

Crassulaceae

- | | | |
|---------------------------|------------------|------------|
| 31) <i>Sedum pusillum</i> | Sedum, Stonecrop | Threatened |
|---------------------------|------------------|------------|

Cuscutaceae

- | | | |
|----------------------------|--------|------------|
| 32) <i>Cuscuta harperi</i> | Dodder | Threatened |
|----------------------------|--------|------------|

Cyperaceae

- | | | |
|------------------------------|-------|------------|
| 33) <i>Carex amplisquama</i> | Carex | Threatened |
| 34) <i>Carex misera</i> | Carex | Threatened |
| 35) <i>Carex purpurifera</i> | Carex | Threatened |

Ericaceae

- | | | |
|-------------------------------------|-----------------|------------|
| 36) <i>Rhododendron prunifolium</i> | Plumleaf azalea | Threatened |
|-------------------------------------|-----------------|------------|

Georgia's Official List
of Threatened and Endangered Plants (cont.)

Fagaceae

37) *Quercus oglethorpensis* Oglethorpe oak Threatened

Haloragaceae

38) *Myriophyllum laxum* Water-milfoil Threatened

Hamamelidaceae

39) *Fothergilla gardenii* Dwarf witch-alder Threatened

Isoetaceae

40) *Isoetes melanospora* Quillwort Threatened

Lamiaceae

41) *Calamintha dentata* Calamintha Threatened

42) *Physostegia veronisiformis* False dragon-head Threatened

43) *Scutellaria aestivalis* Large-flowered shellcap Threatened

Lauraceae

44) *Litsea aestivalis* Pond-bush Threatened

Orchidaceae

45) *Cypripedium acaule* Mocasín flower, Pink lady's slipper Threatened

46) *Cypripedium calceolus* var. *pubescens* Yellow lady's slipper Threatened

Poaceae

47) *Schizachyrium niveum* Schizachyrium Threatened

Polypodiaceae

48) *Asplenium heteroresiliens* Spleenwort Threatened

Ranunculaceae

49) *Hydrastis canadensis* Golden seal Threatened

50) *Thalictrum debile* Meadow-rue Threatened

Rosaceae

51) *Waldsteinia lobata* Barren strawberry Threatened

Georgia's Official List
of Threatened and Endangered Plants (cont.)

Santalaceae

52) Nestronia umbellula	Nestronia	Threatened
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Sarraceniaceae

53) Sarracenia flava	Flycatcher, Golden trumpet	Threatened
54) Sarracenia leucophylla	White trumpet, pitcherplant	Threatened
55) Sarracenia minor	Hooded pitcherplant	Threatened
56) Sarracenia psittacina	Parrot pitcherplant	Threatened

Schisandraceae

57) Schisandra glabra	Bay star-vine, wild Sasparilla	Threatened
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Stemonaceae

Croomia pauciflora	Croomia	Threatened
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Occurrence of Endangered and Threatened
Plants in Georgia by County*

County	Species Reference Number	County	Species Reference Number
Appling	53,55,56	Dodge	53,55
Atkinson	20,53,55	Dooly	53,55
Baca	53,56	Dougherty	10,55
Baker	18	Douglas	57
Baldwin		Early	17,18,20,25,36,38, 55,11
Banks		Echols	53,55
Barrow		Effingham	44,53
Bartow	1,45,46,52,57	Elbert	37,31
Ben Hill	8,53,55,56	Emanuel	20,53,55,56
Berrien	20,38,53,55,56	Evans	8,53,55
Bibb	20,53	Fannin	46
Bleckley		Fayette	
Brantley	9,39,55	Floyd	3,29,35,43,45,46,50
Brooks	53,55	Forsyth	46
Bryan	10,44,55	Franklin	46
Bulloch	8,20,53,55,56	Fulton	45,46,57
Burke	52,55	Gilmer	15,33,46
Butts	21,40	Glascocock	
Calhoun	13,14,18,53,54,55,56	Glynn	44,55
Camden	48,55	Gordon	29,45,46
Candler	8,20,53,55,56	Grady	
Carroll		Greene	21,37
Catoosa	30,43	Gwinnett	51
Charlton	27,44,55,56	Habersham	12,46
Chatham	55	Hall	52
Chatta- hoochee		Hancock	21
Chattooga	35	Haralson	45
Cherokee	45,46,52,57	Harris	36
Clarke	31,46,52	Hart	
Clay	11,18,29,36,58	Heard	21
Clayton		Henry	31
Clinch	53,55	Houston	
Cobb	2,29,46,52,57	Irwin	8,44,53,55,56
Coffee	44,53,55,56	Jackson	
Colquitt	53,55,56	Jasper	37
Columbia	2,8,20,21,31	Jeff Davis	53,55,56
Cook	24,53,55,56	Jefferson	20
Coweta		Jenkins	53,55,56
Crawford	4	Johnson	53
Crisp	19,53,55,56	Jones	57
Dade	29,46		
Dawson	46,49		
Decatur	4,13,23,38,58		
Dekalb	11,21,31,40,46,57		

Occurrence of Endangered and Threatened
Plants in Georgia by County* (cont.)

County	Species Reference Number	County	Species Reference Number
Lamar	57	Rockdale	21,31
Lanier	53,55,56	Schley	
Laurens	55	Screven	44,53,55
Lee	24,44,55	Seminole	6,54
Liberty	55	Spalding	46
Lincoln	10	Stephens	26,45,46,51,52,57
Long	8,39,44,54	Stewart	29,36,57
Lowndes	47,53,55	Sumter	6,14,20,54,55,56
Lumpkin	46		
McDuffie		Talbot	4
McIntosh	38,44,55	Taliaferro	
Macon	20,39	Tattnall	8,18,19,20,41,53
Madison		Taylor	19,20,39
Marion		Telfair	53,55
Meriwether	36	Terrell	
Miller	13,44	Thomas	53,54,55,56
Mitchell	53,55,56	Tift	20,53,55,56
Monroe		Toombs	53,55,56
Montgomery	20,44	Towns	5,16,45,46,49
Morgan	51,57	Treutlen	
Murray	33	Troup	46
Muscogee		Turner	8,53,55,56
		Twiggs	
Newton	40		
Oconee		Union	15,16,45,46,49
Oglethorpe	21,31,37	Upson	46
Paulding	57	Walker	1,11,30,35,43,45,46, 49
Peach		Walton	21,31
Pickens	46,51	Ware	53,55,56
Pierce	55	Warren	31
Pike	57	Washington	32
Polk		Wayne	9,39,55,56
Pulaski	17	Webster	
Putnam	21	Wheeler	55
		White	46
Quitman	36,58	Whitfield	46
		Wilcox	42,53,55,56
Rabun	7,12,19,22,28,34,35, 45,46,49,52	Wilkes	37
Randolph	19,36	Wilkinson	
Richmond	20,52	Worth	53,55,56

*Adapted from McCollum, J.L. and D.R. Ettman, 1977. Georgia's Protected Plants. Georgia Department of Natural Resources.

ILLINOIS

Status: Official List

After thorough research, public hearings and comment periods, Illinois adopted its first official list of endangered and threatened plants in April 1980. Information on location by county is not available yet.

Illinois' Official List
of Endangered Plants

Equisetaceae

Equisetum palustre	Marsh Horsetail
Equisetum pratense	Meadow Horsetail

Lycopodiaceae

Lycopodium clavatum	Running Pine
Lycopodium dendroideum	Ground Pine
Lycopodium inundatum	Bog Clubmoss

Ophioglossaceae

Botrychium biternatum	Southern Grape Fern
Botrychium matricariaefolium	Daisyleaf Grape Fern
Botrychium simplex	Dwarf Grape Fern

Polypodiaceae

Dryopteris celsa	Log Fern
Gymnocarpium dryopteris	Oak Fern
Thelypteris noveboracensis	New York Fern
Thelypteris phegopteris	Long Beech Fern
Woodsia ilvensis	Rusty Woodsia
Woodwardia virginica	Virginia Chain Fern

Cupressaceae

Juniperus horizontalis	Trailing Juniper
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Pinaceae

Pinus banksiana	Jack Pine
Pinus echinata	Shortleaf Pine
Pinus resinosa	Red Pine

Alismataceae

Echinodorus tenellus	Small Burhead
Sagittaria longirostris	Arrowhead

Illinois' Official List
of Endangered Plants (cont.)

Araceae

Calla palustris Water Arum

Burmanniaceae

Thismia americana Thismia

Commelinaceae

Tradescantia bracteata Prairie Spiderwort

Cyperaceae

Carex alata Winged Sedge
Carex atherodes Sedge
Carex aurea Golden Sedge
Carex austrina Sedge
Carex communis Sedge
Carex crawei Sedge
Carex cumulata Sedge
Carex decomposita Sedge
Carex disperma Sedge
Carex garberi Sedge
Carex gigantea Sedge
Carex intumescens Swollen Sedge
Carex laxiculmis Sedge
Carex nigro-marginata Sedge
Carex oligosperma Sedge
Carex oxylepis Sedge
Carex pallescens Sedge
Carex physorhyncha Sedge
Carex plantaginea Plantain-leaved Sedge
Carex prasina Sedge
Carex reniformis Sedge
Carex rostrata Sedge
Carex striatula Sedge
Carex styloflexa Sedge
Carex tonsa Sedge
Carex trisperma Sedge
Carex viridula Sedge
Carex woodii Sedge
Cyperus lancastrimensis Galingale
Eleocharis equisetoides Knotted Spikerush
Eleocharis olivacea Spikerush
Eleocharis parvula Spikerush
Eleocharis pauciflora Spikerush
Eriophorum virginicum Rusty Cotton Grass
Eriophorum virididi-carinatum Tall Cotton Grass

Illinois' Official List
of Endangered Plants (cont.)

Cyperaceae (continued)

Fimbristylis baldwiniana
Fimbristylis vahlii
Fuirena scirpoides
Lipocarpa maculata
Rhynchospora globularis
Rhynchospora glomerata
Rhynchospora macrostachya
Scirpus cespitosus
Scirpus hallii
Scirpus hattorianus
Scirpus microcarpus
Scirpus paludosus
Scirpus pedicellatus
Scirpus purshianus
Scirpus smithii
Scirpus torreyi
Scirpus verecundus
Scleria reticularis

Baldwin's Frimbristylis
Vahl's Fimbristylis
Umbrella Grass
Mottled Lipocarpa
Grass Beak Rush
Beak Rush
Beak Rush
Tufted Bulrush
Bulrush
Bulrush
Bulrush
Alkali Bulrush
Bulrush
Weak Bulrush
Bulrush
Bulrush
Bulrush
Netted Nut Rush

Graminea

Agropyron subsecundum
Ammophila breviligulata
Aristida necopina
Beckmannia syzigachne
Cinna latifolia
Glyceria arkansana
Glyceria borealis
Glyceria canadensis
Gymnopogon ambiguus
Leptochloa panicoides
Panicum boreale
Panicum columbianum
Panicum hians
Panicum joori
Panicum longifolium
Panicum mattamuskeetense
Panicum nitidum
Panicum ravenelii
Panicum stipitatum
Panicum yadkinense
Paspalum bushii
Paspalum dissectum
Paspalum lentiferum
Poa alsodes
Poa autumnalis
Poa languida
Poa wolfii

Bearded Wheat Grass
Marram Grass
Three-awn
American Slough Grass
Drooping Wood Reed
Manna Grass
Northern Manna Grass
Rattlesnake Grass
Beard Grass
Salt Meadow Grass
Northern Panic Grass
Hemlock Panic Grass
Panic Grass
Panic Grass
Long-leaved Panic Grass
Panic Grass
Panic Grass
Panic Grass
Panic Grass
Panic Grass
Hairy Bead Grass
Bead Grass
Bead Grass
Grove Bluegrass
Bluegrass
Weak Bluegrass
Wolf's Bluegrass

Illinois' Official List
of Endangered Plants (cont.)

Graminea (continued)

Puccinellia pallida	Grass
Schizachne purpurascens	False Melic Grass

Iridaceae

Sisyrinchium atlanticum	Eastern Blue-eyed Grass
Sisyrinchium montanum	Mountain Blue-eyed Grass

Juncaceae

Juncus alpinus	Richardson's Rush
Juncus vaseyi	Vasey's Rush
Luzula acuminata	Hairy Woodrush

Juncaginaceae

Scheuchzeria palustris	Arrow Grass
Triglochin maritima	Common Bog Arrow Grass
Triglochin palustris	Slender Bog Arrow Grass

Liliaceae

Camassia angusta	Wild Hyacinth
Lilium superbum	Turk's Cap Lily
Medeola virginiana	Indian Cucumber Root
Polygonatum pubescens	Downy Solomon's Seal
Trillium cernuum	Nodding Trillium
Trillium cuneatum	Trillium
Trillium erectum	Ill-scented Trillium
Zigadenus glaucus	White Camass

Marantaceae

Thalia dealbata	Powdery Thalia
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Orchidaceae

Cypripedium acaule	Moccasin Flower
Cypripedium calceolus var. parviflorum	Small Yellow Lady's Slipper
Cypripedium candidum	White Lady's Slipper
Cypripedium reginae	Showy Lady's Slipper
Habenaria ciliaris	Orange Fringed Orchid
Habenaria clavellata	Wood Orchid
Habenaria flava var. flava	Tuberclad Orchid
Habenaria hookeri	Hooker's Orchid
Habenaria leucophaea	Prairie White Fringed Orchid

Illinois' Official List
of Endangered Plants (cont.)

Orchidaceae (continued)

Habenaria psycodes	Purple Fringed Orchid
Hexalectris spicata	Crested Coralroot Orchid
Isotria medeoloides	Small Whorled Pogonia
Isotria verticillata	Whorled Pogonia
Pogonia ophioglossoides	Snake-mouth
Spiranthes lucida	Yellow-lipped Ladies' Tresses
Spiranthes romanzoffiana	Hooded Ladies' Tresses
Spiranthes vernalis	Spring Ladies' Tresses

Ponterderiaceae

Heteranthera reniformis	Mud Plantain
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Potamogetonaceae

Potamogeton gramineus	Grass-leaved Pondweed
Potamogeton praelongus	White-stemmed Pondweed
Potamogeton pulcher	Spotted Pondweed
Potamogeton robbinsii	Fern Pondweed
Potamogeton strictifolius	Stiff Pondweed
Potamogeton vaseyi	Vasey's Pondweed

Sparganiaceae

Sparganium americanum	American Burreed
Sparganium chlorocarpum	Green-fruited Burreed

Acanthaceae

Justicia ovata	Water Willow
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Adoxaceae

Adoxa moschatellina	Moschatel
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Amaranthaceae

Iresine rhizomatosa	Bloodleaf
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Araliaceae

Aralia hispida	Bristly Sarsaparilla
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Aristolochiaceae

Aristolochia serpentaria var. hastata	Virginia Snakeroot
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Illinois' Official List
of Endangered Plants (cont.)

Asclepiadaceae

<i>Asclepias lanuginosa</i>	Woolly Milkweed
<i>Asclepias meadii</i>	Mead's Milkweed
<i>Asclepias ovalifolia</i>	Oval Milkweed
<i>Matelea decipiens</i>	Climbing Milkweed

Berberidaceae

<i>Berberis canadensis</i>	Allegheny Barberry
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Betulaceae

<i>Alnus rugosa</i>	Speckled Alder
<i>Betula lutea</i>	Yellow Birch
<i>Betula populifolia</i>	Gray Birch

Boraginaceae

<i>Hackelia americana</i>	Stickseed
<i>Heliotropium tenellum</i>	Slender Heliotrope
<i>Onosmodium molle</i>	Marbleseed

Caprifoliaceae

<i>Viburnum molle</i>	Arrowwood
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Caryophyllaceae

<i>Silene regia</i>	Royal Catchfly
<i>Stellaria pubera</i>	Great Chickweed

Cistaceae

<i>Hudsonia tomentosa</i>	False Heather
<i>Lechea intermedia</i>	Pinweed

Compositae

<i>Bidens beckii</i>	Water Marigold
<i>Cirsium carolinianum</i>	Carolina Thistle
<i>Eupatorium incarnatum</i>	Thoroughwort
<i>Gnaphalium macounii</i>	Clammy Cudweed
<i>Helianthus giganteus</i>	Tall Sunflower
<i>Hymenoxys acaulis</i> var. <i>glabra</i>	Lakeside Daisy
<i>Lactuca hirsuta</i>	Wild Lettuce
<i>Lactuca ludoviciana</i>	Western Wild Lettuce
<i>Melanthera nivea</i>	White Melanthera
<i>Microseris cuspidata</i>	Prairie Dandelion

Illinois' Official List
of Endangered Plants (cont.)

Compositae (continued)

Rudbeckia missouriensis	Missouri Orange Coneflower
Solidago arguta (sensu lato: incl. S. strigosa & S. bootii)	Goldenrod
Solidago remota	Goldenrod

Cornacea

Cornus canadensis	Bunchberry
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Cruciferae

Cardamine pratensis var. palustris	Cuckoo Flower
Draba cuneifolia	Whitlow Grass
Lesquerella ludoviciana	Silvery Bladderpod
Rorippa islandica subsp. hispida	Hairy Marsh Yellow Cress
Rorippa truncata	Yellow Cress

Cucurbitaceae

Melothria pendula	Squirting Cucumber
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Droseraceae

Drosera rotundifolia	Round-leaved Sundew
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Elaeagnaceae

Shepherdia canadensis	Buffaloberry
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Ericaceae

Arctostaphylos uva-ursi	Bearberry
Gaultheria procumbens	Wintergreen
Vaccinium corymbosum	Highbush Blueberry
Vaccinium macrocarpon	Large Cranberry
Vaccinium stamineum	Deerberry

Euphorbiaceae

Chamaesyce polygonifolia	Seaside Spurge
Euphorbia spathulata	Spurge

Fagaceae

Castanea dentata	American Chestnut
Quercus nuttallii	Nuttall's Oak

Illinois' Official List
of Endangered Plants (cont.)

Gentianaceae

Bartonia paniculata	Screwstem
Sabatia campestris	Prairie Rose Gentian

Geraniaceae

Geranium bicknellii	Northern Cranesbill
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Guttiferae

Hypericum adpressum	Shore St. John's Wort
Hypericum boreale	Northern St. John's Wort
Hypericum densiflorum	St. John's Wort
Hypericum kalmianum	Kalm's St. John's Wort
Triadenum virginicum	Marsh St. John's Wort

Hydrophyllaceae

Hydrolea uniflora	One-flowered Hydrolea
Phacelia gilioides	Phacelia

Juglandaceae

Carya pallida	Pale Hickory
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Labiatae

Lycopus amplexans	Sessile Water Horehound
Physostegia intermedia	False Dragonhead
Pycnanthemum albescens	White Mountain Mint
Pycnanthemum torrei	Mountain Mint
Stachys clingmannii	Hedge Nettle
Synandra hispidula	Hairy Synandra

Leguminosae

Amorpha nitens	Smooth False Indigo
Apios priceana	Price's Groundnut
Astragalus tennesseensis	Tennessee Milkvetch
Baptisia tinctoria	Yellow Wild Indigo
Cladrastis lutea	Yellowwood
Dioclea multiflora	Boykin's Dioclea
Lathyrus maritimus	Beach pea
Lespedeza leptostachya	Prairie Bush Clover
Petalostemum foliosum	Leafy Prairie Clover
Trifolium reflexum	Buffalo Clover

Illinois' Official List
of Endangered Plants (cont.)

Lentibulariaceae

<i>Utricularia cornuta</i>	Horned Bladderwort
<i>Utricularia intermedia</i>	Flat-leaved Bladderwort
<i>Utricularia minor</i>	Small Bladderwort

Malvaceae

<i>Iliamna remota</i>	Kankakee Mallow
<i>Sphaeralcea angusta</i>	Globe Mallow

Myricaceae

<i>Comptonia peregrina</i>	Sweetfern
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Onagraceae

<i>Circaea alpina</i>	Small Enchanter's Nightshade
<i>Oenothera perennis</i>	Small Sundrops

Orobanchaceae

<i>Orbanche fasciculata</i>	Clustered Broomrape
<i>Orobanche ludoviciana</i>	Broomrape

Oxalidaceae

<i>Oxalis grandis</i>	Large Wood Sorrel
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Papaveraceae

<i>Corydalis aurea</i>	Golden Corydalis
<i>Corydalis halei</i>	Hale's Corydalis
<i>Corydalis sempervirens</i>	Pink Corydalis

Plantaginaceae

<i>Plantago cordata</i>	Heart-leaved Plantain
<i>Plantago heterophylla</i>	Small Plantain

Polemoniaceae

<i>Phlox carolins</i> subsp. <i>angusta</i>	Phlox
<i>Phlox pilosa</i> subsp. <i>sangamonensis</i>	Sangamon Phlox

Polygalaceae

<i>Polygala incarnata</i>	Pink Milkwort
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Illinois' Official List
of Endangered Plants (cont.)

Polygonaceae

Polygonum arifolium	Halbred-leaved Tearthumb
Polygonum careyi	Carey's Heartsease
Polygonum longistylum	Smartweed
Rumex hastatulus	Sour Dock

Portulacaceae

Talinum calycinum	Fameflower
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Primulaceae

Dodecatheon amethystinum	Jeweled Shooting Star
Lysimachia fraseri	Loosestrife
Lysimachia radicans	Creeping Loosestrife
Primula mistassinica	Bird's-eye Primrose

Pyrolaceae

Chimaphila maculata	Spotted Wintergreen
Chimaphila umbellata	Pipsissewa
Pyrola americana	Round-leaved Shinleaf
Pyrola secunda	One-sided Pyrola

Ranunculaceae

Cimicifuga racemosa	False Bugbone
Clematis crispa	Blue Jasmine
Clematis viorna	Leatherflower
Ranunculus ambiguus	Spearwort
Ranunculus cymbalaria	Seaside Crowfoot

Rhamnaceae

Berchemia scandens	Supple-jack
Ceanothus ovatus	Redroot
Rhamnus alnifolia	Alder Buckthorn

Rosaceae

Amelanchier interior	Shadbush
Geum rivale	Purple Avens
Malus angustifolia	Narrow-leaved Crabapple
Potentilla millegrana	Cinquefoil
Rubus enslenii	Arching Dewberry
Rubus odoratus	Purple-flowering Raspberry
Rubus pubescens	Dwarf Raspberry
Rubus setosus	Bristly Blackberry

Illinois' Official List
of Endangered Plants (cont.)

Rosaceae (continued)

<i>Sanguisorba canadensis</i>	American Burnet
<i>Sorbus americana</i>	American Mountain Ash
<i>Waldsteinia fragarioides</i>	Barren Strawberry

Rubiaceae

<i>Galium virgatum</i>	Dwarf Bedstraw
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Salicaceae

<i>Populus balsamifera</i>	Balsam Poplar
<i>Salix serissima</i>	Autumn Willow
<i>Salix syrticola</i>	Dune Willow

Sapotaceae

<i>Bumelia lanuginosa</i>	Wooly Buckthorn
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Sarraceniaceae

<i>Sarracenia purpurea</i>	Pitcher Plant
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Saxifragaceae

<i>Philadelphus pubescens</i>	Mock Orange
<i>Ribes hirtellum</i>	Northern Gooseberry
<i>Saxifraga virginiana</i>	Early Saxifrage

Scrophulariaceae

<i>Bacopa acuminata</i>	Water Hyssop
<i>Castilleja sessiliflora</i>	Downy Yellow Painted Cup
<i>Melampyrum lineare</i>	Cow Wheat
<i>Mimulus glabratus</i>	Yellow Monkey Flower
<i>Penstemon grandiflorus</i>	Large-flowered Beard Tongue
<i>Veronica americana</i>	American Brooklime

Styracaceae

<i>Halesia carolina</i>	Silverbell Tree
<i>Styrax grandifolia</i>	Bigleaf Snowbell Bush

Tilliaceae

<i>Tilia heterophylla</i>	White Basswood
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Illinois' Official List
of Endangered Plants (cont.)

Ulmaceae

Ulmus thomasii Rock Elm

Umbelliferae

Conioselinum chinense Hemlock Parsley
Cynosciadium digitatum
Daucus pusillus Small Wild Carrot
Eryngium prostratum Eryngo
Hydrocotyle ranunculoides Water-pennywort
Ptilimnium costatum Mock Bishop's Weed
Ptilimnium nuttallii Mock Bishop's Weed

Urticaceae

Urtica chamaedryoides Nettle

Valerianaceae

Valerianella intermedia Corn Salad
Valerianella umbilicata Corn Salad
Valeriana uliginosa Marsh Valerian

Violaceae

Viola canadensis Canada Violet
Viola incognita Hairy White Violet
Viola primulifolia Primrose Violet
Viola viarum Plains Violet

Illinois' Official List
of Threatened Plants

Ophioglossaceae

Botrychium multifidum Northern Grape Fern

Polypodiaceae

Asplenium bradleyi Bradley's Spleenwort
Asplenium resiliens Black Spleenwort
Dennstaedtia punctilobula Hay-scented Fern

Cupressaceae

Juniperus communis Ground Juniper
Thuja occidentalis Arbor Vitae

Pinaceae

Larix laricina Tamarack

Cyperaceae

Cladium mariscoides Twig Rush
Eleocharis rostellata Spike Rush
Rhynchospora alba Beaked Rush
Scirpus polyphyllus Bulrush

Gramineae

Oryzopsis racemosa Rice Grass

Iridaceae

Iris fulva Swamp Red Iris

Liliaceae

Stenanthium gramineum Grass-leaved Lily
Tofieldia glutinosa False Asphodel
Trillium viride Green Trillium
Veratrum woodii False Hellebore

Orchidaceae

Calopogon tuberosus Grass Pink
Corallorhiza maculata Spotted Corral-root Orchid
Habenaris flava var. herbiola Tubercled Orchid

Araliaceae

Panax quinquefolius Ginseng

Illinois' Official List
of Threatened Plants (cont.)

Asclepiadaceae

Asclepias stenophylla	Narrow-leaved Green Milkweed
Matelea obliqua	Climbing Milkweed

Capparidaceae

Polanisia jamesii	James' Clammyweed
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Caprifoliaceae

Lonicera flava	Yellow Honeysuckle
Sambucus pubens	Red-berried Elder

Caryophyllaceae

Arenaria patula	Slender Sandwort
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Celastraceae

Euonymus americanus	Strawberry Bush
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Compositae

Artemisia dracunculus	False Tarragon
Aster schreberi	Schreber's Aster
Aster undulatus	Aster
Helianthus angustifolius	Narrow-leaved Sunflower
Solidago sciaphila	Cliff Goldenrod

Convolvulaceae

Stylisma pickeringii	Patterson Bindweed
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Cruciferae

Cakile edentula	Sea Rocket
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Droseraceae

Drosera intermedia	Narrow-leaved Sundew
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Ericaceae

Chamaedaphne calyculata	Leatherleaf
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Fagaceae

Quercus phellos	Willow Oak
Quercus prinus	Rock Chestnut Oak

Illinois' Official List
of Threatened Plants (cont.)

Labiatae

Salvia azurea subsp. pitcheri Blue Sage

Leguminosae

Lathyrus ochroleucus Pale Vetchling

Onagraceae

Epilobium strictum Downy Willow Herb

Primulaceae

Trientalis borealis Star-flower

Ranunculaceae

Hydrastis canadensis Golden Seal
Ranunculus rhomboideus Prairie Buttercup

Rosaceae

Filipendula rubra Queen-of-the-Prairie

Rubiaceae

Galium labradoricum Bog Bedstraw

Saxifragaceae

Sullivantia renifolia Sullivantia

Scrophulariaceae

Veronica scutellata Marsh Speedwell

Styracaceae

Styrax americana Storax

Ulmaceae

Planera aquatica Water Elm

Violaceae

Viola conspersa Dog Violet

INDIANA

Status: Unofficial List

Although Indiana does not have an official endangered plant list, a comprehensive unofficial list is widely accepted by botanists throughout the state. Continued research will result in additions and deletions to the list ultimately resulting in an official state list providing protection to the endangered plants of Indiana.

Reference: A Preliminary List of Endangered and Threatened Vascular Plants of Indiana
Indiana Department of Natural Resources
Indianapolis, Indiana 46204

IOWA

Status: Unofficial List

Iowa does not have an official list of endangered plants. However, Research is continuing on the native flora of Iowa and the public is becoming more aware of the need to protect its rare plants.

KENTUCKY

Status: Unofficial List

Kentucky has done an extensive search of its herbarium specimens and listed any native species which occurs in three or fewer counties. A few taxa, however, occur in more than three counties but are retained on the list for special reasons. None of the plant species are protected by laws or regulations but several are proposed for listing as Federally endangered or threatened.

The intent of establishing an official endangered and threatened plant list in Kentucky is to 1) indicate the degree of rarity of the species, 2) indicate the degree of threat to the continued survival of the species, and 3) aid in establishing priorities for conservation and/or preservation efforts.

Reference: Endangered Plants and Animals of Kentucky. 1977. J.V. Babcock. Univ. of Kentucky. Lexington, Kentucky.

LOUISIANA

Status: Unofficial List

Louisiana does not have an official list of endangered plants which offers legal protection to its rare native flora. Some plant research is being undertaken by Louisiana State University, and the Mississippi Deltaic Plain Region Characterization Study is inventorying the native biota of the deltaic plain.

Reference: Rare and Threatened Vascular Plants in Louisiana. 1975. M.C. Curry, VTN Louisiana, 2701 Independence St., Metairie, La. 70002

MAINE

Status: No List

Maine is currently inventorying its rare plants. Once a plant is considered rare, a botanical fact sheet is submitted to the Critical Area Program Manager who determines whether the location of the rare plant should be designated as a critical area. Critical areas receive special consideration when alterations to the native flora are planned.

Reference: A Revision of the Maine Rare Plant Inventory Process
State Planning Office
Augusta, Maine
October 1978

MARYLAND

Status: No List

Maryland has recently finished an inventory of possible rare or endangered plants throughout the state. This inventory will be evaluated by the Department of Natural Resources and a list will be developed.

MASSACHUSETTS

Status: Unofficial List

Massachusetts has an unofficial list of endangered plants which is the result of extensive research and inventory of native flora. This list is accepted by the botanists and environmental groups throughout the state.

A major effort will be made this summer to field check the rare plants on this list. Species may then be added or deleted and an official endangered plant list may be adopted by 1981.

MICHIGAN

Status: Official List

Michigan has an official state list of endangered and threatened plants which provides legal protection to over 192 threatened and 16 endangered plants. The Michigan Department of Natural Resources has a computer printout listing rare plants by county based on herbarium records. A state-wide field check will begin this summer to inventory all the listed plants.

Reference: Michigan's Endangered and Threatened Species Program
Reprinted from the Michigan Botanist
Vol. 16, 1977

Michigan's List of
Endangered and Threatened Vascular Plants

Pteridophytes:	Club-mosses, Horsetails, and Ferns	
<u>Lycopodiaceae</u>	<u>(Club-moss Family)</u>	
Lycopodium appressum	n.c.n.*	Threatened
Lycopodium habereri	n.c.n.	Threatened
Lycopodium sitchense	Sitken clubmoss	Endangered
Lycopodium sp. nov.	n.c.n.	Endangered
<u>Ophioglossaceae</u>	<u>(Adder's-tongue Family)</u>	
Ophioglossum vulgatum var. pycnostichum	Southeastern adder's tongue	Threatened
<u>Polypodiaceae</u>	<u>(Fern Family)</u>	
Asplenium ruta-muraria	Wall-rue	Threatened
Cryptogramma acrostichoides	American rock-brake	Threatened
Dryopteris celsa	Log fern	Threatened
Dryopteris filix-mas	Male fern	Threatened
Gymnocarpium heterosporum	n.c.n.	Threatened
Pellaea atropurpurea	Purple cliff-brake	Threatened
Phyllitis scolopendrium var. americana	Hart's tongue fern	Endangered
Woodsia abbeae	n.c.n.	Endangered
Woodsia alpina	Northern woodsia	Threatened
Woodsia obtusa	Blunt-lobed woodsia	Threatened
<u>Schizaeaceae</u>	<u>(Curly-grass Family)</u>	
Lyodium palmatum	Climbing fern	Threatened
Monocotyledons:		
<u>Alismataceae</u>	<u>(Water-plantain Family)</u>	
Sagittaria montevidensis	Arrowhead	Threatened
<u>Araceae</u>	<u>(Arum Family)</u>	
Arisaema triphyllum var. stewardsonii	n.c.n.	Threatened
<u>Commelinaceae</u>	<u>(Spiderwort Family)</u>	
Tradescantia bracteata		

*n.c.n. - no common name

Michigan's List of
Endangered and Threatened Vascular Plants (cont.)

<u>Cyperaceae</u>	<u>(Sedge Family)</u>	
Carex atratiformis	n.c.n.	Threatened
Carex crus-corvi	n.c.n.	Threatened
Carex decomposita	n.c.n.	Threatened
Carex media	n.c.n.	Threatened
Carex platyphylla	n.c.n.	Threatened
Carex praegracilis	n.c.n.	Threatened
Carex rossii	n.c.n.	Threatened
Carex scirpoidea	n.c.n.	Threatened
Carex seorsa	n.c.n.	Threatened
Carex sychnocephala	n.c.n.	Threatened
Carex typhina	n.c.n.	Threatened
Eleocharis atropurpurea	n.c.n.	Threatened
Eleocharis caribaea	n.c.n.	Threatened
Eleocharis compressa	n.c.n.	Threatened
Eleocharis melanocarpa	n.c.n.	Threatened
Eleocharis radicans	n.c.n.	Threatened
Fimbristylis puberula	n.c.n.	Threatened
Fuirena squarrosa	Umbrellagrass	Threatened
Hemicarpha micrantha	n.c.n.	Threatened
Psilocarya scirpoides	Bald rush	Threatened
Scirpus hallii	n.c.n.	Endangered
Scirpus olenyi	n.c.n.	Threatened
Scleria pauciflora	n.c.n.	Threatened
Scleria reticularis	n.c.n.	Threatened
<u>Iridaceae</u>	<u>(Iris Family)</u>	
Iris lacustris	Dwarf lake iris	Threatened
Sisyrinchium atlanticum		Threatened
<u>Juncaceae</u>	<u>(Rush Family)</u>	
Juncus brachycarpus	n.c.n.	Threatened
Juncus militaris	n.c.n.	Threatened
<u>Juncaceae (cont.)</u>		
Juncus scirpoides	n.c.n.	Threatened
Juncus stygius	n.c.n.	Threatened
Juncus vaseyi	n.c.n.	Threatened
Luzula parviflora	n.c.n.	Threatened
<u>Lemnaceae</u>		
Lemna valdiviana	n.c.n.	Threatened

Michigan's List of
Endangered and Threatened Vascular Plants (cont.)

Liliaceae

Allium schoenoprasum	Chives	Threatened
Camassia scilloides	Wild-hyacinth	Threatened
Disporum hookeri	Fairy bells	Threatened
Polygonatum biflorum var. melleum	Solomon-seal	Threatened
Tofieldia pusilla	False asphodel	Threatened
Trillium recurvatum	n.c.n.	Threatened
Trillium sessile	Toadshade	Threatened
Trillium undulatum	Painted trillium	Threatened
Trillium viride	n.c.n.	Threatened

Orchidaceae

Calypso bulbosa	Calypso or fairy slipper	Threatened
Cypripedium candidum	White lady-slipper	Threatened
Habenaria ciliaris	Orange fringed orchid	Threatened
Habenaria leucophaea	Prairie fringed orchid	Threatened
Habenaria unalascensis	Alaska orchid	Threatened
Isotria medeoloides	Smaller whorled pogonia	Endangered
Orchis rotundifolia	Round-leaved orchid	Threatened
Tipularia discolor	Crane-fly orchid	Threatened
Triphora trianthophora	Nodding pogonia or three birds orchid	Threatened

Poaceae

(Grass Family)

Agropyron dasystachyum	n.c.n.	Threatened
Aristida dichotoma	n.c.n.	Threatened
Aristida longispica	n.c.n.	Threatened
Aristida necopina	n.c.n.	Threatened
Beckmannia syzigachne	Slough grass	Threatened
Bouteloua curtipendula	Gramma grass	Threatened
Bromus pumpellianus	n.c.n.	Threatened
Calamagrostis lacustris	n.c.n.	Threatened
Calamagrostis stricta	n.c.n.	Threatened
Diarrhena americana	n.c.n.	Threatened
Elymus mollis	Dune grass	Threatened
Festuca scabrella	Rough fescue	Threatened
Glyceria acutiflora	n.c.n.	Threatened
Muhlenbergia richardsonis	n.c.n.	Threatened
Oryzopsis canadensis	n.c.n.	Threatened
Panicum leibergii	n.c.n.	Threatened
Panicum spretum	n.c.n.	Threatened
Panicum verrucosum	n.c.n.	Threatened
Phleum alpinum	Mountain timothy	Threatened
Poa alpina	n.c.n.	Threatened
Poa canbyi	n.c.n.	Threatened
Sporobolus heterolepis	n.c.n.	Threatened

Michigan's List of
Endangered and Threatened Vascular Plants (cont.)

Poaceae (cont.)

<i>Stipa comata</i>	n.c.n.	Threatened
<i>Triplasis purpurea</i>	Sand grass	Threatened
<i>Trisetum spicatum</i>	n.c.n.	Threatened
<i>Uniola latifolia</i>	Wild oats	Threatened
<i>Zizania aquatica</i> var. <i>aquatica</i>	Wild rice	Threatened
<i>Zizania aquatica</i> var. <i>interior</i>	Wild rice	Threatened

Potamogetonaceae (Pondweed Family)

<i>Potamogeton capillaceus</i>	n.c.n.	Threatened
<i>Potamogeton confervoides</i>	n.c.n.	Threatened
<i>Potamogeton hillii</i>	n.c.n.	Threatened
<i>Potamogeton pulcher</i>	n.c.n.	Threatened
<i>Potamogeton vaseyi</i>	n.c.n.	Threatened

Ruppiaceae (Ditch-grass Family)

<i>Ruppia maritima</i>	Ditchgrass	Threatened
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Dicotyledons:

Acanthaceae (Acanthus Family)

<i>Justicia americana</i>	n.c.n.	Threatened
<i>Ruellia humilis</i>	n.c.n.	Threatened

Apiaceae (Parsley Family)

<i>Berula pusilla</i>	n.c.n.	Threatened
<i>Eryngium yuccifolium</i>	Rattlesnake-master or button-snake-root	Threatened

Araliaceae (Ginseng Family)

<i>Oplopanax horridus</i>	Devil's-club	Threatened
<i>Panax quinquefolius</i>	Ginseng	Threatened

Aristolochiaceae (Birthwort Family)

<i>Aristolochia serpentaria</i>	Virginia snakeroot	Threatened
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Asclepiadaceae (Milkweed Family)

<i>Asclepias hirtella</i>	n.c.n.	Threatened
<i>Asclepias ovalifolia</i>	n.c.n.	Threatened
<i>Asclepias sullivantii</i>	n.c.n.	Threatened

Michigan's List of
Endangered and Threatened Vascular Plants (cont.)

Asteraceae

(Composite Family)

Agoseris glauca	n.c.n.	Threatened
Antennaria rosea	n.c.n.	Threatened
Arnica cordifolia	Heart-leaved arnica	Endangered
Aster modestus	n.c.n.	Threatened
Aster sericeus	n.c.n.	Threatened
Cirsium hillii	Hill's thistle	Threatened
Cirsium pitcheri	Pitcher's thistle	Threatened
Coreopsis palmata	n.c.n.	Threatened
Erigeron hyssopifolius	n.c.n.	Threatened
Eupatorium sessilifolium	Upland boneset	Threatened
Helianthus microcephalus	Small wood-sunflower	Threatened
Lactuca pulchella	Blue lettuce	Threatened
Liatris punctata	Blazing-star	Threatened
Polymnia uvedalia	Leafcup	Threatened
Rudbeckia sullivantii	Coneflower	Threatened
Senecio indecorus	n.c.n.	Threatened
Silphium integrifolium	n.c.n.	Threatened
Silphium laciniatum	Rosinweed or compass-plant	Threatened
Silphium perfoliatum	Cup-plant	Threatened
Solidago decumbens	n.c.n.	Threatened
Solidago houghtonii	Houghton's goldenrod	Threatened
Solidago lepida	n.c.n.	Threatened
Solidago remota	n.c.n.	Threatened
Tanacetum huronense	Lake Huron tansy	Threatened

Boraginaceae

(Borage Family)

Mertensia virginica	Bluebells	Threatened
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Brassicaceae

(Mustard Family)

Armoracia aquatica	Lake cress	Threatened
Braya humilis	n.c.n.	Threatened
Draba arabisans	n.c.n.	Threatened
Draba incana	n.c.n.	Threatened
Subularia aquatica	n.c.n.	Threatened

Cactaceae

(Cactus Family)

Opuntia fragilis	Fragile prickley pear	Endangered
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Caprifoliaceae

(Honeysuckle Family)

Lonicera involucrata	n.c.n.	Threatened
Viburnum edule	Squashberry	Threatened

Michigan's List of
Endangered and Threatened Vascular Plants (cont.)

<u>Caryophyllaceae</u>	<u>(Pink Family)</u>	
Arenaria macrophylla	Sandwort	Threatened
Sagina nodosa	Pearlwort	Threatened
<u>Cistaceae</u>	<u>(Rockrose Family)</u>	
Lechea leggettii	n.c.n.	Threatened
<u>Empetraceae</u>		
Empetrum nigrum	Black crowberry	Threatened
<u>Ericaceae</u>	<u>(Heath Family)</u>	
Pterospora andromedea	Pine-drops	Threatened
Vaccinium uliginosum	Alpine blueberry	Threatened
<u>Fabaceae</u>	<u>(Pulse Family)</u>	
Baptisia leucantha	White or prairie false indigo	Threatened
Baptisia leucophaea	Cream wild indigo	Endangered
Gymnocladus dioica	Kentucky coffee-tree	Threatened
Petalostemon purpureum	Red prairie clover	Endangered
<u>Fagaceae</u>	<u>(Beech Family)</u>	
Castanea dentata	American chestnut	Endangered
<u>Gentianaceae</u>	<u>(Gentian Family)</u>	
Gentiana linearis	Closed gentian	Threatened
Gentiana puberula	n.c.n.	Threatened
Gentiana saponaria	Soapwort gentian	Endangered
Sabatia angularis	Rose-pink	Threatened
<u>Haloragaceae</u>	<u>(Water-milfoil Family)</u>	
Myriophyllum farwellii	n.c.n.	Threatened
<u>Hippocastanaceae</u>	<u>(Buckeye Family)</u>	
Aesculus glabra	Ohio buckeye	Threatened
<u>Hydrophyllaceae</u>	<u>(Waterleaf Family)</u>	
Phacelia franklinii	n.c.n.	Threatened

Michigan's List of
Endangered and Threatened Vascular Plants (cont.)

<u>Lamiaceae</u>	<u>(Mint Family)</u>	
Trichostoma brachiatum	False pennyroyal	Threatened
Trichostoma dichotomum	Bastard pennyroyal	Threatened
<u>Lentibulariaceae</u>	<u>(Bladderwort Family)</u>	
Pinguicula vulgaris	Butterwort	Threatened
<u>Malvaceae</u>	<u>(Mallow Family)</u>	
Hibiscus palustris	Swamp rose-mallow	Threatened
<u>Nymphaeaceae</u>	<u>(Water-lily Family)</u>	
Nelumbo pentapetala	American lotus	Endangered
Nuphar microphylla	Yellow pond-lily	Threatened
Nymphaea tetragona	Water-lily	Threatened
<u>Onagraceae</u>	<u>(Evening-primrose Family)</u>	
Gaura longiflora	Gaura	Threatened
Ludwigia alternifolia	Seedbox	Threatened
<u>Orobanchaceae</u>	<u>(Broom-rape Family)</u>	
Orobanche fasciculata	Broom-rape	Threatened
<u>Polemoniaceae</u>	<u>(Phlox Family)</u>	
Phlox maculata	Wild sweet William	Threatened
Polemonium reptans	Jacob's ladder	Threatened
<u>Polygonaceae</u>	<u>(Buckwheat Family)</u>	
Polygonum careyi	n.c.n.	Threatened
Polygonum viviparum	Alpine bistort	Threatened
<u>Ranunculaceae</u>	<u>(Crowfoot Family)</u>	
Hydrastis canadensis	Golden-seal	Threatened
Ranunculus rhomboideus	Prairie buttercup	Threatened
<u>Rhamnaceae</u>	<u>(Buckthorn Family)</u>	
Ceanothus sanguineus	Wild-lilac	Threatened

Michigan's List of
Endangered and Threatened Vascular Plants (cont.)

<u>Rosaceae</u>	<u>(Rose Family)</u>	
Chamaerhodos nuttallii var. Keweenawensis	n.c.n.	Endangered
Dalibarda repens	False violet	Threatened
Filipendula rubra	Queen-of-the-prairie	Threatened
Geum triflorum	Avens	Threatened
Potentilla hippiana	Cinquefoil	Threatened
Potentilla pensylvanica	Cinquefoil	Threatened
Rubus acaulis	Dwarf raspberry	Threatened
Sanguisorba canadensis	Canadian burnet	Threatened
<u>Salicaceae</u>	<u>(Willow Family)</u>	
Populus heterophylla	Swamp or black cottonwood	Threatened
<u>Sarraceniaceae</u>	<u>(Pitcher-plant Family)</u>	
Sarracenia purpurea	Pitcher-plant	Threatened
<u>Scrophulariaceae</u>	<u>(Figwort Family)</u>	
Besseyia bullii	n.c.n.	Threatened
Castilleja septentrionalis	Indian paint brush	Threatened
Chelone obliqua	Purple turtlehead	Endangered
Collinsia parviflora	n.c.n.	Threatened
Euphrasia arctica	Eyebright	Threatened
Gerardia gattingeri	Gerardia	Threatened
Gratiola lutea	Hedge-hyssop	Threatened
Lindernia anagallidea	False pimpernel	Threatened
Mimulus alatus	Monkey-flower	Threatened
Mimulus glabratus var. michiganensis	Monkey-flower	Threatened
<u>Valerianaceae</u>	<u>(Valerian Family)</u>	
Valerianella chenopodifolia	n.c.n.	Threatened
<u>Violaceae</u>	<u>(Violet Family)</u>	
Viola novae-angliae	n.c.n.	Threatened
Viola pedatifida	n.c.n.	Threatened

MINNESOTA

Status: Official List

Minnesota has an official endangered plant list which provides legal protection to several species. The protection is weak, however, and needs strengthening. A more extensive unofficial rare or endangered plant list was developed by Morley in 1972.

Rare or Endangered Plants of Minnesota. 1972. T. Morley.
University of Minnesota

Minnesota's List of Protected Plants

<u>Ericaceae</u>	<u>(Heath Family)</u>	
Trailing Arbutus	Epigaea vepens	
<u>Gentianaceae</u>	<u>(Gentian Family)</u>	
Gentiana	Gentian	All species protected
<u>Liliaceae</u>	<u>(Lily Family)</u>	
Lilium	Lily	All species protected
Trillium	Trillium	
<u>Nymphaeaceae</u>	<u>(Water Lily Family)</u>	
Nelumbo lutea	Lotus Lily	
<u>Orchidaceae</u>	<u>(Orchid Family)</u>	All species protected

MISSISSIPPI

Status: Unofficial List

The Mississippi Natural Heritage Program has compiled a list of over 100 rare plants in Mississippi. This is an unofficial list, therefore these plants are not legally protected by state laws.

Reference:

Rare and Endangered Plant Species in Mississippi. 1975. T.M. Pullen.
University of Mississippi.

MISSOURI

Status: Unofficial List

In 1974, Missouri compiled its first unofficial rare and endangered species report which contained an extensive list of plants. This report was revised

and published in 1977. Since then more revisions have occurred but have not yet been published. The Missouri Department of Conservation hopes this report will encourage citizens, private organizations and government agencies to initiate research and management programs. Educational programs are needed to create a public awareness and concern for the plight of these species and their importance to the overall environment.

Reference:

Rare and Endangered Species of Missouri
Missouri Department of Conservation and
U.S. Department of Agriculture,
Soil Conservation Service. 1977.

NEW HAMPSHIRE

Status: Unofficial List

New Hampshire does not have an official list of endangered plants. Research is continuing to inventory rare plants with special concern for many of the unusual plants in the White Mountains National Forest.

Reference:

Endangered Plants of New Hampshire: A Selected List of Endangered Species. 1973. A.R. Hodgdon, Forest Notes, pg. 2-6. Society for the Protection of New Hampshire Forests.

NEW JERSEY

Status: Unofficial List

An unofficial list of rare or endangered vascular plants in New Jersey was published in November 1973. This list includes 90 species designated as rare, 74 species listed as endangered and 26 species have an undetermined status. Botanists are hopeful that this list will aid legislators in the formulation of new regulations and laws for increased protection of New Jersey wild flora.

Reference:

Rare or Endangered Vascular Plants of New Jersey
Department of Botany
Rutgers University
New Brunswick, New Jersey 08903

NEW YORK

Status: Official List

Since 1975, New York has had an official endangered plant list which provides legal protection to several rare plants. This list is being updated and revised with a new list probably being passed by late 1980. Information on distribution by county is not yet available.

Reference:

Our Wild Flowers and a Program to Protect Them. 1975. J.W. Aldrich, The Conservationist. pp. 23-29.

New York's Official List
of Endangered Plants

Arisaema dracontium	Green dragon
Asclepias tuberosa	Butterfly weed
Campanula rotundifolia	Bluebell of Scotland
Celastrus scandens	American Bittersweet
Chimaphila sp.	Pipsissewa, Spotted Evergreen
Cornus florida	Flowering Dogwood
Drosera sp.	Sundew
Epilaea repens	Trailing Arbutus
Euonymus sp.	Burning bush
Filices (Filicinae; Ophioglossales and Filicales)	All ferns, including Adder's-tongue, Azolla, Buckhorn, Cliff Brake, Curly-grass, Fiddleheads, Hart's tongue, Maidenhair, Moonwort, Polypody, Rock Brake, Salvinia, Spleenwort, Walking-leaf, Wall-rue, Water spangle, and woodsia but excluding Bracken (<u>Pteridium</u> <u>aquilinum</u>), Hay-scented fern (<u>Dennstaedtia punctilobula</u>), Sensitive fern (<u>Onoclea</u> <u>sensibilis</u>).
Gentiana sp.	Ague weed, Blue bottles, Gentian
Hydrastis canadensis	Golden seal
Ilex	Holly, Inkberry, Winterberry
Kalmia sp.	Laurel, Spoonwood, Wicky
Lilium sp.	Lily, Turk's-cap
Lobelia cardinalis	Cardinal-flower
Lycopodium sp.	All Clubmosses including Bear's bed, Bunch evergreen, Festoon Pine, Ground Cedar, Ground Fir, Heath Cypress.

New York's Official List
of Endangered Plants (cont.)

Mertensia virginica
Monarda didyma
Myrica pensilvanica
Nelumbo lutea
Opuntia humifusa
Orchidaceae

Orontium aquaticum
Panax quinquefolium
Pyrus coronaria
Rhododendron sp.

Sabatia sp.
Sanguinaria sp.
Sarracenia purpurea
Silene caroliniana
Trillium sp.
Trollius laxus
Viola pedata

Bluebell, Virginia Cow-slip
American Bee-balm, Oswego Tea
Bayberry
Lotus
Prickly Pear
All Native orchids, including
Adder's mouth, Arethusa, Bog
candle, Calopogon, Calypso Coral
root, Cypripedium, Goodyera,
Kirtlepink, Ladies tresses,
Moccasin flower, Orange plume,
Orchis, Putty root, Pogonia,
Scent-bottle, Soldiers plume, Three
birds, Twayblade, Whipporwill-shoe.
Golden club
Ginseng
Wild Crab Apple
Azalea, Great Laurel, Honeysuckle,
Pinxter, Rhododendron, Rhodora.
Bitterbloom
Bloodroot
Pitcherplant
Wild Pink
Bethroot, Toadshade, Trillium
Globe-flower
Birds-foot violet

NORTH CAROLINA

Status: Unofficial List

North Carolina has an unofficial list of 409 rare vascular plants. Botanists throughout the state hope this list will aid legislators and conservationists in the formulation of new laws for increased protection of North Carolina's rare flora.

Reference:

North Carolina Endangered and Threatened Vascular Plants
University Bookstore
University of North Carolina
Charlotte, North Carolina 28223

OHIO

Status: Official List

On March 11, 1980, public hearings were conducted on the 1978 Endangered Species of Native Ohio Wild Plants Act. As a result of these hearings, the laws and regulations protecting Ohio's plants were amended. However, the list of endangered plants remained undisputed and unchanged. Below is the official Ohio State list of plants protected by law.

Ohio's Official List
of Endangered Species

Isoetaceae

Isoetes engelmannii

Quillwort Family

Appalachian quillwort

Ophioglossaceae

Botrychium biternatum
Botrychium lanceolatum
Botrychium simplex
Botrychium ternatum
Ophioglossum engelmannii

Adder's-Tongue Family

Sparse-lobe grape-fern
Triangle grape fern
Least grape-fern
American ternate grape-fern
Limestone adder's-tongue

Hymenophyllaceae

Trichomanes Boschianum

Filmy Fern Family

Appalachian filmy fern

Aspleniaceae

Asplenium bradleyi
Dryopteris clintoniana

Spleenwort Family

Bradley's spleenwort
Clinton's wood-fern

Blechnaceae

Lorinseria areolata

Blechnum Family

Netted chain-fern

Polypodiaceae

Polypodium polypodioides

Polypody Family

Little gray polypody

Sparganiaceae

Sparganium chlorocarpum

Bur-reed Family

Small bur-reed

Potamogetonaceae

Potamogeton filiformis
Potamogeton gramineus
Potamogeton praelongus
Potamogeton pulcher

Pondweed Family

Filiform pondweed
Grass-like pondweed
White-stem pondweed
Spotted pondweed

Ohio's Official List
of Endangered Plants (cont.)

Potamogetonaceae (cont.)

Potamogeton robbinsii
Potamogeton tennesseensis

Juncaginaceae

Scheuchzeria palustris

Alismataceae

Sagittaria latifolia var. pubescens

Gramineae

Agrostis elliottiana
Calamagrostis inexpansa
Calamagrostis insperata
Cinna latifolia
Deschampsia caespitosa
Digitaria filiformis
Erianthus alopecuroides
Glyceria acutiflora
Gymnopogon ambiguus
Melica nitens
Muhlenbergia cuspidata
Panicum boreale
Panicum verrucosum
Panicum villosissimum
Schizachne purpurascens
Sporobolus heterolepis
Stipa avenacea
Stipa spartea

Cyperaceae

Carex alata
Carex albolutescens
Carex amphibola var. rigida
Carex aquatilis
Carex arctata
Carex argyrantha
Carex bebbii
Carex cephalantha
Carex cephaloidea
Carex debilis
Carex diandra
Carex emmonsii
Carex flava

Pondweed Family (cont.)

Robbin's pondweed
Tennessee pondweed

Arrow-grass Family

Scheuchzeria

Water-plantain Family

Hairy arrowhead

Grass Family

Elliott's bent-grass
Northern reed-grass
Bartley's reed bent grass
Northern wood-reed
Tufted hairgrass
Slender finger-grass
Silver plume grass
Sharp-glumed manna-grass
Beardgrass
Three-flowered melic.
Plains muhlenbergia
Northern panic-grass
Warty panic-grass
Villous panic-grass
False melic.
Prairie dropseed
Blackseed needle grass
Porcupine grass

Sedge Family

Broad-winged sedge
Pale straw sedge
Fern. stiff wood sedge
Leafy tussock sedge
Drooping wood sedge
Silvery sedge
Bebb's sedge
Little prickly sedge
Thin-leaf sedge
Weak sedge
Lesser paniced sedge
Emmons' sedge
Yellow sedge

Ohio's Official List
of Endangered Plants (cont.)

Cyperaceae (cont.)

Carex formosa
Carex haydenii
Carex howei
Carex louisianica
Carex nigromarginata
Carex oligosperma
Carex ormostachya
Carex sprengelii
Carex sterilis
Carex straminea
Carex suberecta
Cyperus acuminatus
Cyperus dipsaciformis
Eleocharis pauciflora
Hemicarpha micrantha
Rhynchospora globularis
Scirpus expansus
Scirpus smithii
Scirpus subterminalis

Xyridaceae

Xyris torta

Juncaceae

Juncus interior

Liliaceae

Clintonia borealis
Erythronium rostratum
Nothoscordum bivalve
Smilax pulverulenta
Streptopus roseus
Trillium recurvatum
Trillium undulatum

Iridaceae

Iris brevicaulis
Iris verna
Sisyrinchium atlanticum

Orchidaceae

Arethusa bulbosa
Coeloglossum viride

Sedge Family (cont.)

Handsome sedge
Hayden's sedge
Howe's sedge
Louisiana sedge
Black-margined sedge
Few-seeded sedge
Stiff broad-leaved sedge
Sprengel's sedge
Fen sedge
Straw sedge
Prairie straw sedge
Pale umbrella-sedge
Teasel-sedge
Few-flowered spikerush
Dwarf bulrush
Grass-like beak-rush
Woodland bulrush
Smith's bulrush
Swaying rush

Yellow-eyed-grass Family

Twisted Yellow-eyed-grass

Rush Family

Inland rush

Lily Family

Bluebead-lily
Goldenstar
False garlic
Downy carrion-flower
Rose twisted-stalk
Prairie wake-robin
Painted trillium

Iris Family

Leafy blue flag
Dwarf iris
Atlantic blue-eyed-grass

Orchid Family

Dragon's-mouth
Long-bracted orchid

Ohio's Official List
of Endangered Plants (cont.)

Orchidaceae (cont.)

Corallorhiza trifida
Corallorhiza wisteriana
Cypripedium calceolus var.
 parviflorum
Cypripedium candidum
Hexalectris spicata
Spiranthes romanzoffiana

Salicaceae

Populus balsamifera
Salix caroliniana
Salix pedicellaris

Myricaceae

Myrica pennsylvanica

Betulaceae

Corylus cornuta

Ulmaceae

Ulmus thomasi

Urticaceae

Urtica chamaedryoides

Polygonaceae

Polygonum cilinode
Polygonum ramosissimum

Chenopodiaceae

Chenopodium leptophyllum

Amaranthaceae

Froelichia floridana

Caryophyllaceae

Arenaria patula
Silene caroliniana var. wherryi
Silene regia

Orchid Family (cont.)

Early coral-root
Spring coral-root
Small yellow lady's-slipper

White lady's-slipper
Crested coral-root
Hooded ladies'-tresses

Willow Family

Balsam poplar
Carolina willow
Bog willow

Bayberry Family

Bayberry

Birch Family

Beaked hazel

Elm Family

Rock elm

Nettle Family

Spring nettle

Buckwheat Family

Mountain bindweed
Bushy knotweed

Goosefoot Family

Slender goosefoot

Amaranth Family

Cottonweed

Pink Family

Spreading sandwort
Wherry's catchfly
Royal catchfly

Ohio's Official List
of Endangered Plants (cont.)

Nymphaeaceae

Nuphar variegatum

Ranunculaceae

Aconitum noveboracense
Actaea rubra
Ranunculus pusillus
Trollius laxus

Magnoliaceae

Magnolia macrophylla

Calycanthaceae

Calycanthus fertilis

Fumariaceae

Adlumia fungosa

Cruciferae

Arabis divaricarpa
Arabis drummondii
Arabis patens
Draba brachycarpa
Draba cuneifolia
Erysimum arkansanum

Droseraceae

Drosera intermedia

Saxifragaceae

Ribes rotundifolium

Rosaceae

Dalibarda repens
Potentilla arguta
Prunus nigra
Prunus susquehanae
Pyrus decora
Rubus hispidus

Water-lily Family

Bullhead lily

Buttercup Family

Northern monkshood
Red baneberry
Low spearwort
Spreading globe-flower

Magnolia Family

Bigleaf magnolia

Calycanthus Family

Sweet-shrub

Fumitory Family

Mountain-fringe

Mustard Family

Limestone rock-cress
Drummond's rock-cress
Spreading rock-cress
Little whitlow-grass
Wedge-leaf whitlow-grass
Western wall-flower

Sundew Family

Spathulate-leaved sundew

Saxifrage Family

Appalachian gooseberry

Rose Family

Robin-run-away
Tall cinquefoil
Canada plum
Sand cherry
Western mountain-ash
Large hispid dewberry

Ohio's Official List
of Endangered Plants (cont.)

Leguminosae

Baptisia australis
Desmodium illinoense
Desmodium sessilifolium
Galactia volubilis
Lathyrus ochroleucus

Oxalidaceae

Oxalis montana

Polygalaceae

Polygala cruciata
Polygala curtissii
Polygala incarnata
Polygala paucifolia
Polygala polygama

Euphorbiaceae

Acalypha rhomboidea
Euphorbia serpens
Phyllanthus caroliniensis

Aquifoliaceae

Ilex opaca

Celastraceae

Pachistima canbyi

Aceraceae

Acer pensylvanicum

Rhamnaceae

Ceanothus herbaceus

Vitaceae

Vitis baileyana

Hypericaceae

Hypericum boreale

Pea Family

Blue false indigo
Prairie tick-trefoil
Sessile tick-trefoil
Milk-pea
Yellow vetchling

Wood-sorrel Family

White wood-sorrel

Milkwort Family

Cross-leaved milkwort
Curtiss' milkwort
Pink milkwort
Gay-wings
Racemed milkwort

Spurge Family

Deam's three-seeded-mercury
Roundleaf spurge
Carolina leaf-flower

Holly Family

American holly

Staff-tree Family

Cliff-green

Maple Family

Striped maple

Buckthorn Family

Prairie redroot

Grape Family

Possum grape

St. John's-wort Family

Northern St. John's wort

Ohio's Official List
of Endangered Plants (cont.)

Hypericaceae (cont.)

Hypericum denticulatum
Hypericum gymnathum

Cistaceae

Lechea minor
Lechea tenuifolia

Violaceae

Viola lanceolata
Viola primulifolia
Viola tripartita var. tripartita

Haloragaceae

Myriophyllum heterophyllum

Umbelliferae

Hydrocotyle umbellata
Ligusticum canadense
Perideridia americana

Ericaceae

Ledum groenlandicum
Rhododendron calendulaceum
Vaccinium caesium
Vaccinium oxycoccos

Primulaceae

Hottonia inflata

Styracaceae

Halesia carolina
Styrax americana

Oleaceae

Chionanthus virginicus

Gentianaceae

Gentiana Alba

St. John's Wort Family (cont.)

Coppery St. John's-wort
Least St. John's-wort

Rockrose Family

Thyme-leaved pinweed
Narrow-leaved pinweed

Violet Family

Lance-leaved violet
Primrose-leaved violet
Three-parted violet

Water-milfoil Family

Two-leaved water-milfoil

Parsley Family

Navelwort
American lovage
Perideridia

Heath Family

Labrador tea
Flame azalea
Small deerberry
Small cranberry

Primrose Family

Featherfoil

Storax Family

Silverbell
Snowbell

Olive Family

Fringe-tree

Gentian Family

Yellowish gentian

Ohio's Official List
of Endangered Plants (cont.)

Gentianaceae (cont.)

Gentiana puberulenta
Gentiana saponaria
Gentiana villosa

Menyanthaceae

Menyanthes trifoliata

Convolvulaceae

Cuscuta compacta

Hydrophyllaceae

Phacelia ranunculacea

Boraginaceae

Cynoglossum boreale

Labiatae

Collinsonia verticillata
Hedeoma hispida
Monarda punctata
Pycnanthemum pilosum
Scutellaria saxatilis
Trichostema dichotomum

Scrophulariaceae

Agalinis paupercula
Agalinis skinneriana
Aureolaria pedicularia
Linaria canadensis
Penstemon canescens
Tomanthera auriculata

Orobanchaceae

Orobanche ludoviciana

Lentibulariaceae

Utricularia cornuta

Gentian Family (cont.)

Prairie gentian
Soapwort gentian
Sampson's snakeroot

Buckbean Family

Buckbean

Morning-glory Family

Sessile dodder

Waterleaf Family

Blue scorpion-weed

Borage Family

Northern wild comfrey

Mint Family

Early stoneroot
Rough pennyroyal
Dotted horsemint
Hoary mountain-mint
Rock skullcap
Narrow-leaved bluecurls

Figwort Family

Small purple foxglove
Skinner's foxglove
Prairie fern-leaf false foxglove
Old-field toadflax
Gray beard-tongue
Ear-leaf foxglove

Broom-rape Family

Louisiana broom-rape

Bladderwort Family

Horned bladderwort

Ohio's Official List
of Endangered Plants (cont.)

Plantaginaceae

Plantago cordata

Rubiaceae

Galium labradoricum

Galium palustre

Caprifoliaceae

Symphoricarpos albus

Viburnum molle

Viburnum rufidulum

Compositae

Cirsium carolinianum

Erigeron divaricatus

Eupatorium album

Eupatorium aromaticum

Eupatorium hyssopifolium

Heterotheca graminifolia

Hieracium canadense

Hymenoxys acaulis

Krigia dandelion

Liatris scabra

Silphium laciniatum

Solidago arguta

Verbesina occidentalis

Veronia fasciculata

Plantain Family

Heart-leaf plantain

Madder Family

Bog bedstraw

Marsh bedstraw

Honeysuckle Family

Snowberry

Soft-leaved arrow-wood

Southern black-haw

Composite Family

Carolina thistle

Bushy horseweed

White thoroughwort

Small white snakeroot

Hyssop thoroughwort

Silkgrass

Canada hawkweed

Lakeside daisy

Potato-dandelion

Large blazing-star

Compass-plant

Cut-leaf goldenrod

Yellow crownbeard

Prairie ironweed

Ohio's Official List
of Threatened Plants

<u>Selaginellaceae</u>	<u>Spikemoss Family</u>
Selaginella rupestris	Rock spikemoss
<u>Equisetaceae</u>	<u>Horsetail Family</u>
Equisetum sylvaticum	Woodland horsetail
<u>Ophioglossaceae</u>	<u>Adder's-tongue Family</u>
Botrychium multifidum	Leathery grape-fern
<u>Adiantaceae</u>	<u>Maidenhair Family</u>
Vittaria lineata	Appalachian gametophyte
<u>Aspleniaceae</u>	<u>Spleenwort Family</u>
Asplenium ruta-muraria	Wall-rue
Gymnocarpium dryopteris	Oak fern
<u>Cupressaceae</u>	<u>Cypress Family</u>
Juniperus communis	Ground juniper
<u>Sparganiaceae</u>	<u>Bur-reed Family</u>
Sparganium angrocladum	Keeled bur-reed
<u>Potamogetonaceae</u>	<u>Pondweed Family</u>
Potamogeton natans	Floating pondweed
Potamogeton richardsonii	Richardson's pondweed
Potamogeton spirillus	Spiral pondweed
Potamogeton zosteriformis	Flat-stem pondweed
<u>Juncaginaceae</u>	<u>Arrow-grass Family</u>
Triglochin maritimum	Seaside arrow-grass
Triglochin palustre	Marsh arrow-grass
<u>Alismataceae</u>	<u>Water-plantain Family</u>
Echinodorus rostratus	Bur-head
Sagittaria australis	Long-beaked arrowhead
Sagittaria cuneata	Wapato
Sagittaria graminea	Grass-leaf arrowhead

Ohio's Official List
of Threatened Plants (cont.)

Gramineae

Ammophila breviligulata
Aristida purpurascens
Danthonia compressa
Deschampsia flexuosa
Glyceria grandis
Koeleria macrantha
Leptoloma cognatum
Panicum columbianum
Panicum laxiflorum
Poa languida
Sphenopholis obtusata
Trisetum pensylvanicum
Zizania aquatica

Cyperaceae

Carex annectens var. *xanthocarpa*
Carex atherodes
Carex aurea
Carex conoidea
Carex crawei
Carex folliculata
Carex glaucoidea
Carex gravida
Carex interior
Carex lasiocarpa
Carex meadii
Carex pallescens
Carex pedunculata
Carex projecta
Carex radiata
Carex retroflexa
Carex rostrata
Carex sartwellii
Carex scabrata
Carex seorsa
Carex tenanica
Carex trisperma
Carex viridula
Carex willdenowii
Cladium mariscoides
Cyperus diandrus
Cyperus lancastrimensis
Cyperus refractus
Eleocharis elliptica
Eleocharis intermedia
Eleocharis olivacea

Grass Family

American beach grass
Purple triple-awned grass
Flattened wild oat grass
Crinkled hairgrass
Tall manna-grass
Junegrass
Fall witch-grass
American panic-grass
Pale green panic-grass
Weak spear-grass
Prairie wedgegrass
Swamp oats
Wild rice

Sedge Family

Yellow-fruited sedge
Wheat sedge
Golden-fruited sedge
Field sedge
Crawe's sedge
Long sedge
Blue-green sedge
Heavy sedge
Inland sedge
Slender sedge
Mead's sedge
Pale sedge
Long-stalked sedge
Necklace sedge
Radiate sedge
Reflexed sedge
Beaked sedge
Sartwell's sedge
Rough sedge
Weak bog sedge
Slender millet sedge
Three-seeded sedge
Little green sedge
Willdenow's sedge
Twig-rush
Low umbrella-sedge
Many-flowered umbrella-sedge
Reflexed umbrella-sedge
Yellow-seeded spikerush
Matted spikerush
Olivaceous spikerush

Ohio's Official List
of Threatened Plants (cont.)

Cyperaceae (cont.)

Eleocharis quadrangulata
Eriophorum virginicum
Eriophorum viridi-carinatum
Rhynchospora alba
Scirpus purshianus
Scleria pauciflora
Scleria triglomerata
Scleria verticillata

Lemnaceae

Wolffia papulifera

Juncaceae

Juncus alpinus
Juncus balticus
Juncus greenei
Juncus platyphyllus
Juncus scirpoides
Juncus secundus
Luzula Bulbosa

Liliaceae

Clintonia umbellulata
Disporum maculatum
Melanthium virginicum
Tofieldia glutinosa
Veratrum woodii
Zygadenus glaucus

Iridaceae

Sisyrinchium montanum
Sisyrinchium mucronatum

Orchidaceae

Cypripedium reginae
Platanthera ciliaris
Platanthera clavellata
Platanthera orbiculata
Platanthera pycodes
Pogonia ophioglossoides
Spiranthes lucida
Spiranthes magnicamporum

Sedge Family (cont.)

Four-angled spikerush
Tawny cottongrass
Green cottongrass
White beak-rush
Pursh's bulrush
Few-flowered nut-rush
Tall nut-rush
Low nut-rush

Duckweed Family

Pointed water-meal

Rush Family

Alpine rush
Baltic rush
Greene's rush
Flat-leaved rush
False bulrush
One-sided rush
Southern woodrush

Lily Family

Speckled wood-lily
Nodding mandarin
Bunchflower
False asphodel
Wood's hellebore
Wand-lily

Iris Family

Northern blue-eyed-grass
Narrow-leaved blue-eyed-grass

Orchid Family

Showy lady's-slipper
Yellow fringed orchid
Green woodland orchid
Large round-leaved orchid
Small purple-fringed orchid
Rose pogonia
Shining ladies'-tresses
Great plains ladies'-tresses

Ohio's Official List
of Threatened Plants (cont.)

Orchidaceae (cont.)

Spiranthes ovalis
Triphora trianthophora

Salicaceae

Salix candida
Salix petiolaris
Salix serissima

Myricaceae

Comptonia peregrina

Betulaceae

Betula pumila

Fagaceae

Quercus falcata
Quercus marilandica

Viscaceae

Phoradendron serotinum

Polygonaceae

Polygonum pennsylvanicum var.
eglandulosum

Portulacaceae

Claytonia caroliniana

Caryophyllaceae

Arenaria stricta
Silene caroliniana var. *pennsylvanica*
Silene rotundifolia

Ceratophyllaceae

Ceratophyllum echinatum

Orchid Family (cont.)

Lesser ladies'-tresses
Three-birds-orchid

Willow Family

Hoary willow
Slender willow
Autumn willow

Bayberry Family

Sweet-fern

Birch Family

Swamp birch

Beech Family

Spanish oak
Blackjack oak

Mistletoe Family

American mistletoe

Buckwheat Family

Lake Erie pinkweed

Purslane Family

Carolina spring-beauty

Pink Family

Rock sandwort
Carolina catchfly
Round-leaved catchfly

Hornwort Family

Prickly hornwort

Ohio's Official List
of Threatened Plants (cont.)

Ranunculaceae

Anemone cylindrica
Delphinium exaltatum
Ranunculus fascicularis

Magnoliaceae

Magnolia tripetala

Fumariaceae

Corydalis sempervirens

Cruciferae

Arabis hirsuta var. pycnocarpa
Dentaria multifida
Draba reptans
Leavenworthia uniflora
Rorippa sessiliflora

Saxifragaceae

Heuchera parviflora
Heuchera villosa

Rosaceae

Agrimonia striata
Amelanchier laevis
Amelanchier sanguinea
Geum rivale
Gillenia trifoliata
Potentilla palustris
Potentilla paradoxa
Rosa blanda
Rubus pubescens

Leguminosae

Baptisia leucantha
Clitoria mariana
Desmodium pauciflorum
Lathyrus maritimus
Phaseolus polystachios
Psoralea psoralioides

Buttercup Family

Prairie thimbleweed
Tall larkspur
Early buttercup

Magnolia Family

Umbrella magnolia

Fumitory Family

Rock-harlequin

Mustard Family

Western Hairy rock-cress
Narrow-leaved toothwort
Carolina whitlow-grass
Michaux's leavenworthia
Sessile yellow-cress

Saxifrage Family

Small-flowered alumroot
Hairy alumroot

Rose Family

Hairy agrimony
Allegheny serviceberry
Rock serviceberry
Water avens
Bowman's-root
Marsh fivefinger
Bushy cinquefoil
Smooth rose
Dwarf red bramble

Pea Family

Prairie false indigo
Butterfly-pea
Few-flowered tick-trefoil
Inland beach-pea
Wild kidney bean
False scurf-pea

Ohio's Official List
of Threatened Plants (cont.)

Euphorbiaceae

Croton glandulosus

Callitrichaceae

Callitriche deflexa
Callitriche verna

Celastraceae

Euonymus americanus

Vitaceae

Vitis cinerea

Hypericaceae

Hypericum canadense
Hypericum kalmianum
Hypericum majus
Hypericum tubulosum

Cistaceae

Helianthemum bicknellii
Helianthemum canadense
Lechea intermedia
Lechea leggettii

Violaceae

Viola nephrophylla
Viola pedata
Viola tripartita
Viola walteri

Passifloraceae

Passiflora incarnata

Elaeagnaceae

Shepherdia canadensis

Melastomataceae

Rhexia virginica

Spurge Family

Northern croton

Water-starwort Family

Austin's water-starwort
Water starwort

Staff-tree Family

American strawberry-bush

Grape Family

Pigeon grape

St. John's-wort Family

Canadian St. John's-wort
Kalm's St. John's-wort
Tall St. John's-wort
Large marsh St. John's-wort

Rockrose Family

Plains frostweed
Canada frostweed
Round-fruited pinweed
Leggett's pinweed

Violet Family

Northern bog violet
Bird-foot violet
Wedge-leaf violet
Walter's violet

Passion-flower Family

Passion-flower

Oleaster Family

Canadian buffalo-berry

Melastoma Family

Virginia meadow-beauty

Ohio's Official List
of Threatened Plants (cont.)

Onagraceae

Epilobium angustifolium
Epilobium strictum

Umbelliferae

Eryngium yuccifolium
Thaspium pinnatifidum

Cornaceae

Cornus canadensis
Cornus rugosa

Pyrolaceae

Chimaphila umbellata

Ericaceae

Rhododendron maximum
Rhododendron nudiflorum
Rhododendron roseum
Vaccinium atrococcum

Gentianaceae

Gentiana clausa

Asclepiadaceae

Asclepias variegata
Asclepias viridis

Convolvulaceae

Cuscuta coryli
Cuscuta pentagona

Polemoniaceae

Phlox ovata

Hydrophyllaceae

Phacelia bipinnatifida

Evening-primrose Family

Fireweed
Simple willow-herb

Parsley Family

Rattlesnake-master
Cut-leaf meadow-parsnip

Dogwood Family

Bunchberry
Round-leaved dogwood

Pyrola Family

Pipsissewa

Heath Family

Great Rhododendron
Pinxter-flower
Northern rose azalea
Black highbush blueberry

Gentian Family

Closed gentian

Milkweed Family

White milkweed
Spider milkweed

Morning-glory Family

Hazel dodder
Five-angled dodder

Phlox Family

Mountain phlox

Waterleaf Family

Fern-leaf scorpion-weed

Ohio's Official List
of Threatened Plants (cont.)

Boraginaceae

Myosotis macrosperma

Labiatae

Pycnanthemum muticum
Synandra hispidula

Scrophulariaceae

Buchnera americana
Gratiola virginiana
Gratiola viscidula var. *shortii*
Melampyrum lineare
Penstemon laevigatus
Penstemon pallidus

Lentibulariaceae

Utricularia gibba
Utricularia intermedia
Utricularia minor

Rubiaceae

Houstonia nigricans

Caprifoliaceae

Lonicera prolifera

Valerianaceae

Valeriana ciliata

Campanulaceae

Campanula rotundifolia

Compositae

Artemisia caudata
Aster dumosus
Aster infirmus
Aster oblongifolius
Aster solidagineus
Cacalia muhlenbergii
Cacalia tuberosa

Borage Family

Bristly scorpion-grass

Mint Family

Blunt mountain-mint
Synandra

Figwort Family

Bluehearts
Round-fruited hedge-hyssop.
Short's hedge-hyssop.
Cow-wheat
Smooth beard-tongue
Downy white beard-tongue

Bladderwort Family

Humped bladderwort
Flat-leaved bladderwort
Lesser bladderwort

Madder Family

Narrow-leaved summer bluets

Honeysuckle Family

Grape honeysuckle

Valerian Family

Prairie valerian

Bellflower Family

Harebell

Composite Family

Beach wormwood
Bushy aster
Weak aster
Shale barren aster
Narrow-leaved aster
Great Indian-plantain
Indian-plantain

Ohio's Official List
of Threatened Plants (cont.)

Compositae (cont.)

Cirsium hillii
Helianthus mollis
Helianthus occidentalis
Krigia virginica
Liatris cylindracea
Liatris novae-angliae
Liatris squarrosa
Prenanthes crepidinea
Prenanthes racemosa
Solidago odora
Solidago remota
Solidago squarrosa

Composite Family (cont.)

Hill's pasture thistle
Ashy sunflower
Western sunflower
Dwarf dandelion
Slender blazing-star
New England blazing-star
Scaly blazing-star
Nodding rattlesnake-root
Prairie rattlesnake-root
Sweet goldenrod
Great lakes goldenrod
Leafy goldenrod

PENNSYLVANIA

Status: No List

Research on rare plants in Pennsylvania has just been initiated with the letting of contracts to inventory Pennsylvania's native flora (an official list of protected plants is not feasible during 1980).

Although Pennsylvania does not have an endangered plant list, there are laws regarding the collecting of plants on public and private land.

Reference:

Lists of Endangered Plants in Pennsylvania, 1975. E.T. Wherry, Morris Arboretum, Philadelphia.

RHODE ISLAND

Status: No List

Rhode Island is in the process of compiling a preliminary list of rare plants. Research and inventory efforts are continuing and a list should be completed by Spring 1980.

SOUTH CAROLINA

Status: Unofficial List

South Carolina does not have an official endangered plant list although a comprehensive, unofficial list of rare vascular plants has been compiled.

In 1976, a symposium on Endangered Species in South Carolina resulted in a preliminary list of rare plants. This list was revised in March of 1979 by the South Carolina Advisory Committee on Endangered, Threatened and Rare Plants. The Committee hopes that this list will aid legislators in the formation of laws and regulations for increased protection of the rare plants. (Continuing research and educational programs regarding endangered plants are of vital concern.)

Reference:

Native Vascular Plants Endangered, Threatened or Otherwise in Jeopardy in South Carolina. South Carolina Museum Commission. March 1979.

TENNESSEE

Status: Unofficial List

Although Tennessee does not have an official endangered plant list, much research by a special committee has resulted in an extensive unofficial rare plant list. This list includes 52 possibly extirpated, 58 endangered, 108 threatened and 123 species of special concern. (The Committee for Tennessee Rare Plants is hopeful that this list will generate educational programs, necessary legislation, public awareness and general concern for this significant portion of Tennessee's natural heritage.)

Reference:

The Rare Vascular Plants of Tennessee. Journal of the Tennessee Academy of Science. Vol. 53 (4) 1978.

VERMONT

Status: Official List

Vermont has had an official endangered plant list since 1975 and is currently updating this list. The new list will probably pass the legislature in late 1980. Research is continuing on endangered plants as plants are added to or deleted from the list. The following is the official 1975 State list of endangered plants. Information which identifies rare plant occurrences at the county level is not yet available.

Reference:

Rare and Endangered Vascular Plant Species in Vermont. 1972. W.D. Countryman Norwich University. Northfield, Vermont.

Vermont's Official List
of Endangered Plants

Betulaceae

Alnus crispa Green alder

Caprifoliaceae

Viburnum edule Few flowered cranberry tree

Caryophyllaceae

Arenaria greenlandica Greenland sandwort
Arenaria rubella Vernal sandwort

Compositae

Solidago calcicola Alpine goldenrod

Cruciferae

Draba incana Hoary or twisted whitlowgrass

Diapensiaceae

Diapensia lapponica Lapland diapensia

Ericaceae

Epigaea repens Trailing arbutus
Rhododendron nudiflorum Pinxter flower
Rhododendron maximum Great laurel
Vaccinium cespitosum Dwarf bilberry
Vaccinium uliginosum Bob bilberry
Vaccinium vitisidaea Cow berry

Fabaceae

Astragalus blakei Mountain astragalus

Gentianaceae

Amarella sp. Northern gentiana

Leguminosae

Hedysarum alpinum var. *americanum* Hedysarum

Lentibulariaceae

Pinguicula vulgaris Butter wort

Vermont's Official List
of Endangered Plants (cont.)

Limnanthaceae

Empetrum nigrum Black crowberry

Lycopodiaceae

Lycopodium selago Club moss

Orchidaceae

Malaxis sp. Adder's mouth
Calypso sp. Calypso
Corallorhiza sp. Coral root
Epipactis sp. Bastard helleborine
Spiranthes sp. Ladies tresses
Cypripedium sp. Chatelain lady's slipper; moccasin
flower
Orchis sp. Orchid
Tipularia sp. Cranefly orchid
Habenaria sp. Rein orchid; fringed orchid
Calopogon sp. Grass pink
Arethusa sp. Wild pink
Pogonia sp. Pogonia
Triphora sp. Three-lobed pogonia
Isotria sp. Verticillate pogonia
Apelctrum sp. Putty root
Liparis sp. Twayblade
Listera sp. Lister's twayblade
Goodyera sp. Rattlesnake plantain

Pinaceae

Pinus banksiana Jack pine; gray pine

Polypodiaceae

Cryptogramma stelleri Slender cliffbrake
Polystichum brunii Braun's holly fern
Dryopteris fragans var. Fragrant fern
remostinuscula
Asplenium viride Green spleenwort
Woodsia alpina Alpine woodsia
Woodsia glabella Smooth woodsia

Primulaceae

Primula mistassinic Dwarf canadian primrose

Vermont's Official List
of Endangered Plants (cont.)

Pyrolaceae

Pyrola minor Lesser wintergreen

Rosaceae

Pyrus decora Alpine mountain ash
Potentilla tridentata Three toothed cinquefoil
Amelanchier bartramiana Mountain shadbush

Salicaceae

Salix planifolia Alpine willow
Salix uva-ursi Alpine willow

Santalaceae

Geocaulon lividum Northern comandra

Saxifragaceae

Saxifraga aizoon Alpine saxifrage
Saxifraga oppositifolia Mountain saxifrage
Saxifraga aizoides Yellow mountain saxifrage

Scrophulariaceae

Castilleja septentrionalis Pale painted cup

VIRGINIA

Status: Unofficial List

Virginia does not have an official endangered plant list which offers legal protection to rare plants. Research on endangered plants is continuing but no official list is planned for the near future.

Reference:

Lists of Rare, Endangered, Endemic, and Depleted Plants. 1973. L.J. Uttal. Virginia Polytechnic Institute, Blacksburg, Virginia.

WEST VIRGINIA

Status: Unofficial List

Although West Virginia does not have an official endangered plant list, extensive research has resulted in a preliminary report on rare and

endangered vascular plants. This report identifies special habitats of West Virginia such as heath barrens, sphagnum bogs, and red spruce forests. A list of rare plants with a description and distribution is also presented.

West Virginia botanists recognize the need to pass endangered species legislation which would provide legal protection to many endangered plants and permit the state to participate in Federal programs. Ultimately the state would like to have a complete plant inventory which could benefit economical development by screening candidate sites prior to construction and development, thus reducing potential environmental problems.

Reference:

Rare and Endangered Species of West Virginia. Volume 1: Vascular Plants. West Virginia Department of Natural Resources. Heritage Trust Program. 1978.

WISCONSIN

Status: Official List

Wisconsin has recently adopted an official endangered and threatened plant list. This list offers protection to 56 plants. A paper entitled Plants gives distribution and habitat of each species.

Reference:

Plants. Office of Endangered and Non-Game Species. Department of Natural Resources. 1979.

Wisconsin's Official List
of Endangered and Threatened Plants

Acanthaceae

1) <i>Ruellia humilis</i>	Wild petunia	Endangered
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Apiaceae

2) <i>Conioselinum chinense</i>	Hemlock parsley	Endangered
3) <i>Erigenia bulbosa</i>	Harbinger-of-spring	Endangered
4) <i>Thaspium barbinode</i>	Hairy meadow parsnip	Endangered

Asteraceae

5) <i>Prenanthes crepidinea</i>	Great white lettuce	Endangered
6) <i>Tanacetum huronense</i>	Lake Huron tansy	Endangered

Brassicaceae

7) <i>Armoracia aquatica</i>	Lake cress	Endangered
8) <i>Draba lanceolata</i>	n.c.n.*	Endangered

*n.c.n. = no common name

Wisconsin's Official List
of Endangered and Threatened Plants (cont.)

Caprifoliaceae

9) *Viburnum edule* . Squashberry Endangered

Caryophyllaceae

10) *Arenaria macrophylla* n.c.n. Endangered

Cyperaceae

11) *Carex lupuliformis* n.c.n. Endangered
 12) *Carex media* n.c.n. Endangered
 13) *Eleocharis quadrangulata* Spike rush Endangered
 14) *Eleocharis wolfii* Spike rush Endangered
 15) *Fimbristylis puberula* n.c.n. Endangered

Ericaceae

16) *Rhododendron lapponicum* Lapland rosebay Endangered
 17) *Vaccinium cespitosum* Dwarf bilberry Endangered
 18) *Vaccinium vitis-idaea* Mountain cranberry Endangered

Fabaceae

19) *Astragalus alpinus* Alpine milk vetch Endangered

Lamiaceae

20) *Collinsonia canadensis* Stoneroot Endangered

Orchidaceae

21) *Listeria auriculata* Auricled twayblade Endangered

Plantaginaceae

22) *Plantago cordata* Heart-leaved plantain Endangered

Polygalaceae

23) *Polygala incarnata* Pink milkwort Endangered

Polypodiaceae

24) *Asplenium viride* Green spleenwort Endangered

Pyrolaceae

25) *Pterospora andromedea* Pine drops Endangered
 26) *Pyrola minor* Small shinleaf Endangered

Wisconsin's Official List
of Endangered and Threatened Plants (cont.)

Ranunculaceae

- | | | |
|------------------------------|----------------|------------|
| 27) <i>Anemone multifida</i> | n.c.n. | Endangered |
| 28) <i>Caltha natans</i> | Marsh marigold | Endangered |

Rosaceae

- | | | |
|------------------------------|--------------------|------------|
| 29) <i>Geum macrophyllum</i> | Large-leaved avens | Endangered |
|------------------------------|--------------------|------------|

Saliaceae

- | | | |
|--------------------------|------------------|------------|
| 30) <i>Salix cordata</i> | Sand dune willow | Endangered |
|--------------------------|------------------|------------|

Santalaceae

- | | | |
|------------------------------|-------------------|------------|
| 31) <i>Geocaplon lividum</i> | Northern comandra | Endangered |
|------------------------------|-------------------|------------|

Saxifragaceae

- | | | |
|---------------------------------|--------------------|------------|
| 32) <i>Parnassia parviflora</i> | Grass-of-parnassus | Endangered |
|---------------------------------|--------------------|------------|

Violaceae

- | | | |
|------------------------------|--------|------------|
| 33) <i>Viola fimbriatula</i> | Violet | Endangered |
|------------------------------|--------|------------|

Apiaceae

- | | | |
|---------------------------------|-----------------|------------|
| 34) <i>Polytaenia nuttallii</i> | Prairie parsley | Threatened |
|---------------------------------|-----------------|------------|

Asteraceae

- | | | |
|--|----------------|------------|
| 35) <i>Cirsium pitcheri</i> | Dune thistle | Threatened |
| 36) <i>Solidago spathulata</i> var.
<i>gillmani</i> | Dune goldenrod | Threatened |

Cactaceae

- | | | |
|-----------------------------|-----------------------|------------|
| 37) <i>Opuntia fragilis</i> | Brittle prickley pear | Threatened |
|-----------------------------|-----------------------|------------|

Cyperaceae

- | | | |
|-------------------------------|------------------|------------|
| 38) <i>Carex concinna</i> | n.c.n. | Threatened |
| 39) <i>Carex lenticularis</i> | Lenticular sedge | Threatened |

Droseraceae

- | | | |
|-----------------------------|--------|------------|
| 40) <i>Drosera anglica</i> | Sundew | Threatened |
| 41) <i>Drosera linearis</i> | Sundew | Threatened |

Wisconsin's Official List
of Endangered and Threatened Plants (cont.)

Fabaceae

- | | | |
|--|---------------------|------------|
| 42) <i>Lespedeza leptostachya</i> | Prairie bush-clover | Threatened |
| 43) <i>Oxytropis campestris</i> var.
chartaceae | n.c.n. | Threatened |

Iridaceae

- | | | |
|---------------------------|-----------------|------------|
| 44) <i>Iris lacustris</i> | Dwarf lake iris | Threatened |
|---------------------------|-----------------|------------|

Liliaceae

- | | | |
|------------------------|---------------|------------|
| <i>Trillium nivale</i> | Snow trillium | Threatened |
|------------------------|---------------|------------|

Oleaceae

- | | | |
|-----------------------------------|----------|------------|
| 46) <i>Fraxinus quadrangulata</i> | Blue ash | Threatened |
|-----------------------------------|----------|------------|

Orchidaceae

- | | | |
|----------------------------------|---------------------------------|------------|
| 47) <i>Cypripedium candidum</i> | White lady's slipper | Threatened |
| 48) <i>Cypripedium arietinum</i> | Ram's head lady-slipper | Threatened |
| 49) <i>Habenaria leuophaea</i> | Prairie white-fringed
orchid | Threatened |
| 50) <i>Habenaria flava</i> | Tuberculed orchid | Threatened |
| 51) <i>Orchis rotundifolia</i> | Small round-leaved orchid | Threatened |

Poaceae

- | | | |
|---------------------------------|----------------|------------|
| 52) <i>Festuca occidentalis</i> | Western fescue | Threatened |
|---------------------------------|----------------|------------|

Potamogetonaceae

- | | | |
|-------------------------------------|--------|------------|
| 53) <i>Potamogeton confervoides</i> | n.c.n. | Threatened |
|-------------------------------------|--------|------------|

Ranunculaceae

- | | | |
|-----------------------------------|--------------------|------------|
| 54) <i>Aconitum noveboracense</i> | Northern Monkshood | Threatened |
|-----------------------------------|--------------------|------------|

Saxifragaceae

- | | | |
|--------------------------------|--------------------|------------|
| 55) <i>Parnassia palustris</i> | Grass of parnassus | Threatened |
|--------------------------------|--------------------|------------|

Violaceae

- | | | |
|--------------------------------|--------|------------|
| 56) <i>Viola novae-angliae</i> | Violet | Threatened |
|--------------------------------|--------|------------|

Occurrence of Endangered and Threatened
Plants in Wisconsin by County¹

County	Species Reference Number	County	Species Reference Number
Adams	13,17,27	Manitowoc	6,30
Ashland	10,17,40,55	Marathon	17
Barron	9,17	Marinette	
Bayfield	17,19,21,26	Marquette	17
Brown	7,22	Menominee	
Buffalo		Milwaukee	2,3,11,22
Burnett	17	Monroe	
Calumet		Oconto	
Chippewa	17,56	Oneida	17
Clark	17	Outagamie	22,56
Columbia	11,16,17,41	Ozaukee	25,41,48
Crawford	1,4,5,16,54	Pepin	
Dane	23,42	Pierce	45
Dodge		Polk	17,18
Door	6,8,24,25,31,32,35, 36,38,39,44,48,52	Portage	17
Douglas	17,18,28,55	Price	17
Dunn		Racine	22,23
Eau Claire		Richland	54
Florence		Rock	1,23,42
Fond Du Lac	3	Rusk	17,56
Forest		St. Croix	45
Grant	12,23,54	Sauk	20,42
Green	5,23	Sawyer	17
Green Lake	7	Shawano	
Iowa	18	Sheboygan	27,35
Iron	10,17	Taylor	17
Jackson		Trempealea	
Jefferson	23,33,41	Vernon	
Juneau	14,17	Vilas	17
Kenosha	3,13,15,22,23	Walworth	1,2,13,20,23
Kewaunee		Washburn	17,29
La Crosse		Washington	
Lafayette	23	Waukesha	2,3,46
Langlade	53	Waupaca	
Lincoln	7,17,53,56	Waushara	17
		Winnebago	
		Wood	17

¹Distribution by county unknown for 34,37,43,47,49,50,51.

PLANTS WITHIN EASTERN STATES JURISDICTION
WHICH MAY BE LISTED
DURING FISCAL YEAR 1981

Species	States
<i>Asclepias meadii</i>	IL, IN, IA, KS, MO, WI
<i>Asimina tetramera</i>	FL
<i>Astragalus robbinsii</i> var. <i>jesupi</i>	NH, VT
<i>Amphianthus pusillus</i>	GA, SC
<i>Cerastium arvense</i> var. <i>villossissimum</i>	PA
<i>Conradina verticillata</i>	KY, TN
<i>Cypripedium arietinum</i>	NY, MI, MA, VT, WI, MN
<i>Dionaea muscipula</i>	NC, SC
<i>Elliottia racemosa</i>	GA
<i>Fimbristylis perpusilla</i>	GA
<i>Franklinia altamaha</i>	GA, formerly extinct in wild
<i>Gerardia (Agalinis) acuta</i>	RI, CT, MA
<i>Geum peckii</i>	NH
<i>Habenaria flava</i>	FL, MD, TX, TN, KY, AK, MS, IL, IN, WI
<i>Heliathemum dumosum</i>	CT
<i>Heterotheca ruthii</i>	TN
<i>Hudsonia montana</i> ¹	NC
<i>Jamesianthus alabemensis</i>	AL
<i>Kalmia cuneata</i>	NC, SC
<i>Leavenworthia</i> spp.	TN, AL
<i>Lesquerella</i> spp.	TN, AL
<i>Lilium grayii</i>	NC, VA, TN
<i>Lindernia saxicola</i>	NC, GA
<i>Macbridea alba</i>	FL
<i>Mimulus rigens</i> var. <i>codpophilus</i>	ME
<i>Paronychia argyrocoma</i> var. <i>albimontana</i>	ME, MA, NH
<i>Potentilla robbinsiana</i> ²	NH, VT
<i>Pyxidantha brevifolia</i>	NC, SC
<i>Rhaphidophyllum hystrix</i>	FL
<i>Rhexia parviflora</i>	FL, GA
<i>Sarracenia jonesii</i>	NC
<i>Schoenolirion texanum</i>	FL, GA
<i>Trillium pusillum</i> var. <i>virginianum</i>	VA, MD
<i>Vaccinium sempervirens</i>	FL, GA

¹Mountain Golden-heather (*Hudsonia montana*) has been proposed for threatened status. The Fish and Wildlife Service held a public meeting on July 1, 1980 to discuss this proposal.

²Robbin's Cinquefoil (*Potentilla robbinsiana*) has been proposed for endangered status. The Fish and Wildlife Service held a public meeting on April 28, 1980 to solicit public comments on the proposal. All comments were favorable to the proposed listing. Robbin's Cinquefoil will probably be federally-listed as endangered before October 1980.

SPECIES	STATES
Leavenworthia spp.	TN, AL
Lilium grayii	NC, VA, TN
Lindernia saxicola	NC, GA
Macbridea alba	FL
Pyxidantha brevifolia	NC, SC
Rhapidophyllum hystrix	FL
Rhexia parviflora	FL, GA
Sarracenia jonesii	NC
Schoenolirion texanum	FL, GA
Vaccinium sempervirens	FL, GA

STATE AGENCIES

The following agencies have cooperated with the Bureau of Land Management in providing information on endangered plants. Concerned individuals may wish to contact these agencies to obtain the most current state endangered plant list, since species may be added or deleted as more research is completed.

Alabama

Department of Conservation and Natural Resources
Administrative Building
64 N. Union Street
Montgomery, AL 36130
(205) 832-6361

Arkansas

Arkansas Natural Heritage Inventory
Continental Building Room 514
100 Main Street
Little Rock, AR 72201
(501) 376-3247

Connecticut

Department of Agriculture
Room 273 State Office Building
Hartford, CT 06115
(203) 566-4667

Delaware

Department of Agriculture and Natural Resources
Delaware State College
Dover, DE 19901
(302) 678-5195

Florida

Office of Environmental Services
Game and Freshwater Fish Commission
620 S. Meridian Street
Tallahassee, FL 32301
(904) 488-6662

Georgia

Endangered Plant Program
Room 702
270 Washington Street, SW
Atlanta, GA 30334
(404) 656-3530

Illinois

Endangered Species Program
600 N. Grand West
Springfield, IL 62702
(217) 782-6384

Indiana

Indiana Heritage Program
Division of Outdoor Recreation
Indiana Department of Natural Resources
612 State Office Building
Indianapolis, IN 46204
(317) 232-4078

Iowa

Iowa State Conservation Commission
State Office Building, 300 4th Street
Des Moines, IA 50319
(515) 281-5145

Kentucky

Kentucky Heritage Program
Kentucky Nature Preserves Commission
407 Broadway
Frankfort, KY 40601
(502) 564-2886

Louisiana

State Office of Conservation
State Land and Natural Resources Building
P.O. Box 44275
Baton Rouge, LA 70804
(504) 389-5161

Maine

Department of Conservation
State House
Augusta, ME 04330
(207) 289-2212

Maryland

Non-Game and Endangered Species Program
Tawes State Office Building
580 Taylor Avenue
Annapolis, MD 21401
(301) 827-8612

Massachusetts

Massachusetts Heritage Program
Massachusetts Department of Environmental Management
Division of Planning
100 Cambridge Street
Boston, MA 02202
(617) 727-8893

Michigan

Department of Natural Resources
Stevens T. Mason Bldg.
Lansing, MI 48926
(517) 373-2329

Minnesota

Minnesota Natural Heritage Program
111 N. Jefferson Street
Jackson, MS 39202
(601) 354-7226

Mississippi

Mississippi State Heritage Program
111 N. Jefferson Street
Jackson, MS 39202
(601) 354-7226

Missouri

Endangered Species Program
Missouri Department of Conservation
P.O. Box 180
Jefferson City, MO 65102
(314) 751-4115

New Hampshire

New Hampshire Fish and Game Department
34 Bridge Street
Concord, NH
(603) 271-3421

New Jersey

New Jersey Department of Environmental Protection
Division of Parks and Forestry
P.O. Box 1420
Trenton, NJ 08625
(609) 292-2797

New York

Department of Environmental Conservation
50 Wolf Road
Albany, NY 12233
(518) 457-3446

North Carolina

North Carolina State University
Raleigh, NC
(704) 597-2315

Ohio

Department of Natural Resources
Division of Natural Areas and Preserves
Fountain Square
Columbus, OH 43224
(614) 466-8970

Pennsylvania

Department of Environmental Resources
202 Evangelical Press Building
3rd and Reily Street
P.O. Box 1467
Harrisburg, PA 17120
(717) 787-3260

Rhode Island

Heritage Program
Department of Natural Resources
83 Park Street
Providence, RI 02908
(401) 277-2771

South Carolina

South Carolina Wildlife Department
Building D, Dutch Plaza
Box 167
Columbia, SC 29202
(803) 758-6314

Tennessee

Department of Conservation
2611 West End Avenue
Nashville, TN 37203
(615) 741-2301

Vermont

Agency of Environmental Conservation
Barmar Building
5 Court Street
Montpelier, VT 05602
(802) 828-3371

Virginia

Commission of Game and Inland Fisheries
P.O. Box 11104
Richmond, VA 23230
(804) 257-1000

West Virginia

Department of Natural Resources
669 State Office Building 3
1800 Washington Street, E.
Charleston, WV 25305
(304) 348-2754

Wisconsin

Department of Natural Resources
Pyare Square Building
4610 University Avenue
Box 7921
Madison, WI 53701
(608) 266-9168

BLM Library
D-553A, Building 50
Denver Federal Center
P. O. Box 25047
Denver, CO 80225-0047

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Eastern states
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