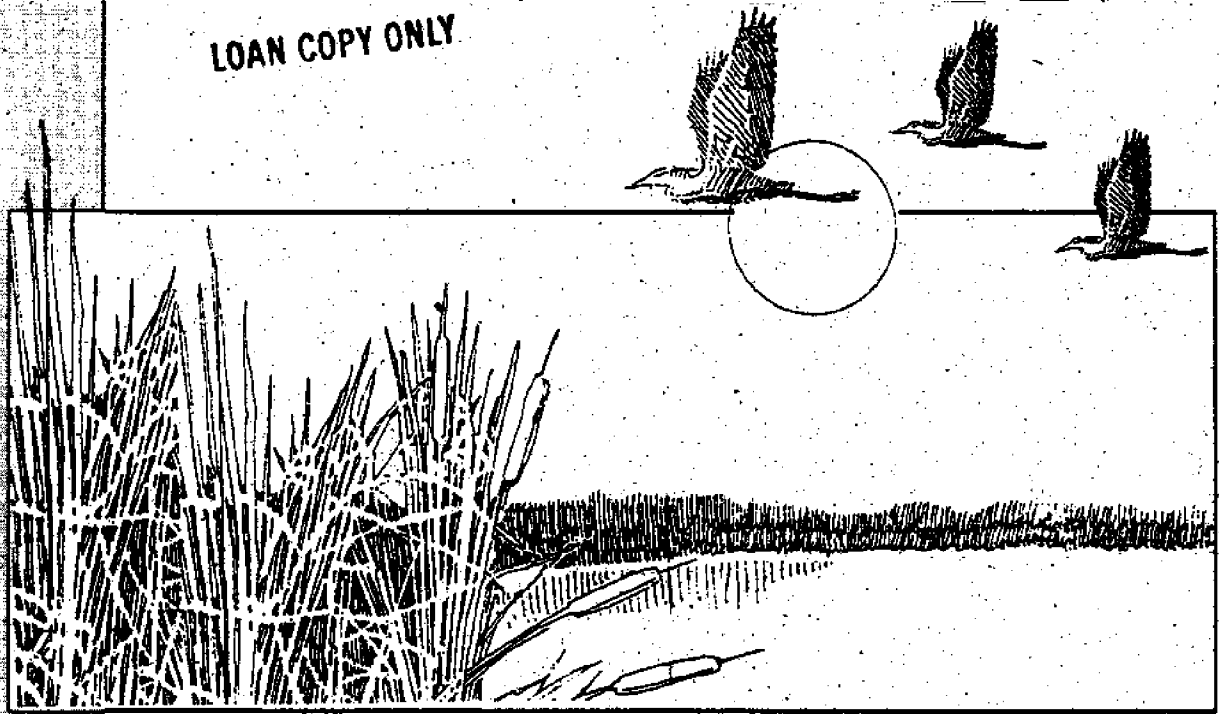


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Old Woman Creek National Estuarine Research Reserve
& State Nature Preserve

**TECHNICAL
REPORT
No. 10**

**Catalogue of the
Vascular Plants in
Old Woman Creek
Estuary and Watershed**



by
*Charles E. Herdendorf
Ricki C. Herdendorf
David M. Klarer*

Old Woman Creek Site Profile - Contribution No. 1

**Catalogue of the Vascular Plants in
Old Woman Creek Estuary and Watershed**

**Old Woman Creek State Nature Preserve and
National Estuarine Research Reserve**

Technical Report No. 10

Old Woman Creek Site Profile - Contribution No. 1

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Catalogue of the Vascular Plants in Old Woman Creek Estuary and Watershed

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Catalogue of the Vascular Plants in Old Woman Creek Estuary and Watershed

INTRODUCTION

Although much of Ohio's Lake Erie shoreline is highly developed, a few areas with significant natural features remain relatively undisturbed. One of these is a freshwater estuary located at the mouth of Old Woman Creek, about 5 km east of the city of Huron, Ohio. On the south shore of Lake Erie, this estuary lies near the southernmost point of the Great Lakes system. The Ohio Department of Natural Resources began the process of acquiring the property surrounding the estuary in 1975 and applied to the National Oceanic and Atmospheric Administration for financial assistance to protect this unique natural area. In 1980 Old Woman Creek estuary received National Estuarine Research Reserve (NERR) designation. The NERR system is a network of federal, state, and community partnerships which serve to promote informed management of our nation's estuarine and coastal habitats through linked programs of scientific understanding, public education, and stewardship. The 230-hectare Old Woman Creek National Estuarine Research Reserve and State Nature Preserve (hereafter referred to as the Reserve) serves as a field laboratory where scientists can study naturally functioning systems and is a place where students and the public can learn about estuarine ecology in a natural setting.

This catalogue comprises Contribution No. 1 to the Reserve Site Profile and contains a listing of all the known vascular plants and bryophytes in the vicinity of Old Woman Creek estuary and in its watershed. The diversity of habitats present within the Reserve and Old Woman Creek watershed contribute to a wide variety of plant communities, each comprised of a distinctive flora. A total of 861 terrestrial and aquatic taxa of vascular plants have been identified in the watershed, two-thirds of which are found within the boundaries of the Reserve. About 78% are native species and 22% are aliens.

Vascular plants, often called higher plants, possess a well-developed conductive system and structural differentiation (typically roots, stems, and leaves). The majority of visual terrestrial plants in the watershed are vascular, many of which produce attractive flowers. The flowering plants are subdivided into two classes based on the embryo's seed leaves (called cotyledons). In the monocots (class Liliopsida), a single narrow leaf first pierces the soil and stands erect (e.g. grasses, lilies, and orchids). In the more common dicots (class Magnoliopsida), two broad leaves fall open as soon as they reach the soil surface with a seedling emerging from between them (e.g. most annuals, bushes, and trees).

Bryophytes (liverworts and mosses) are intermediate between algae and the higher plants. They have hair-like rhizoids that function as roots, but lack true vascular tissue.

As a transition zone between land and water, Old Woman Creek estuary and its immediate environs contain several distinct habitats, including upland woodlands, prairie remnants, creek valley, swamp forest, marshes, wooded coves, open waters of the estuary, an island, barrier beach, and nearshore Lake Erie (Figure 1). The estuary is the drowned mouth of a relatively small tributary to Lake Erie. The estuarine wetlands consists of 60 hectares that extend 2 km south of the Lake Erie shore. As the result of wave action and littoral drift, a barrier beach has formed at the mouth which bars off the estuary for extended periods. The barrier is periodically broken by storm flow from the watershed, but occasionally Lake Erie storm surges and seiches spill over the bar and into the estuary.

Old Woman Creek drains 69 km² of primarily agricultural land (Figures 2 – 4). The headwater tributaries of Old Woman Creek originate on the till plain surface at an elevation of approximately 270 m above sea level. The creek empties into Lake Erie 24 km downstream, dropping 96 m as it flows over the rolling till plain, through the high Berea escarpment, and down the gentle lake plain. Two main branches, east and west, originate in the till plain, cut independently through the sandstone escarpment, and join on the lake plain about 2 km south of the estuary. Floral habitats within the watershed include hardwood forests, meadows, ravines, sandstone hills, abandoned beach ridges, creek banks, floodplains, active and old agricultural fields, and rights-of-way margins.

Moseley (1899) was the first botanist to document the vascular vegetation of Old Woman Creek watershed and his classic work, *Sandusky Flora: A Catalogue of the Flowering Plants and Ferns Growing without Cultivation in Erie County, Ohio, and the Peninsula and Islands of Ottawa County*, forms the only comprehensive assessment of the flora in the study area. In the 1950s, Easterly [no date] compiled a check list of Ohio plants in the Moseley Herbarium at Bowling Green State University that were collected by Professor Moseley in the Old Woman Creek watershed between 1894 and 1927. The vascular plants of the Reserve, particularly those associated with the estuary, were studied by Marshall and Stuckey (1974), Marshall (1977), Jones (1978), Francko and Whyte (1995), Windus (1995), and Whyte (1996). Stuckey and Carr (1979) prepared a checklist of vascular plants of Erie and Ottawa counties, containing records for Old Woman Creek estuary. Feix and Wright (1992) compiled as list of plants identified in the Research Reserve with the assistance of James Bissell and Robert Bartolotta of the Cleveland Museum of Natural History. Jones (1997) listed the plants of special interest in the Reserve and watershed as part of the Ohio Natural Heritage database. Phillips (1997) documented the flowering plants of the Erie County

Metropolitan Park system and other terrestrial locations within the Old Woman Creek watershed. The present authors, with contributions from Allison Cusick and Ronald Stuckey, have added other observations to the catalogue. Collectively, these botanists have provided us with an extensive database for understanding the diverse flora habitats represented in the watershed.

The catalogue is comprised of five appendices. Appendix A consists of a complete phylogenetic (evolutionary relationship) listing of all plant taxa identified in the Reserve and the watershed. Elements of the list include: 1) taxonomic classification, 2) scientific name, 3) describer (author of scientific name), 4) common name, and 5) synonymy (alternate scientific names), as well as codes for 6) location, 7) habitat, 8) occurrence (relative abundance), 9) wetland indicators, 10) life form (plant characteristics), 11) origin, and 12) rarity status. Sources, references, and keys for the codes are given at the end of the list. Appendix B is a checklist of the vascular plants in the vicinity of the estuary (Reserve) while Appendix C contains a checklist of plants in the Old Woman Creek watershed above the estuary. Appendices B and C are also arranged phylogenetically by family but the lists have been abbreviated to include only the scientific name, common name, origin codes, and location (E – estuary; W– watershed); phenology (flowering and fruiting period), when known, has been added to these appendices. Appendix D consists of an alphabetized list of plants, by scientific name, of the estuary and the watershed, while Appendix E is alphabetized by common name. The family name of each plant is also listed to facilitate finding more complete information in Appendix A.

Arrangement of classes, subclasses, orders, and families follows the classification of Cronquist (1988) and Gleason and Cronquist (1991) except for the bryophytes which follow the synopsis of Parker (1982). Nomenclature and synonyms of listed species follows the thesaurus in Kartesz (1994), Kartesz and Meacham (1997), and Bailey and Bailey (1976). Common names from Bailey and Bailey (1976), Reed (1988), Gleason and Cronquist (1991) and names given by source investigators.

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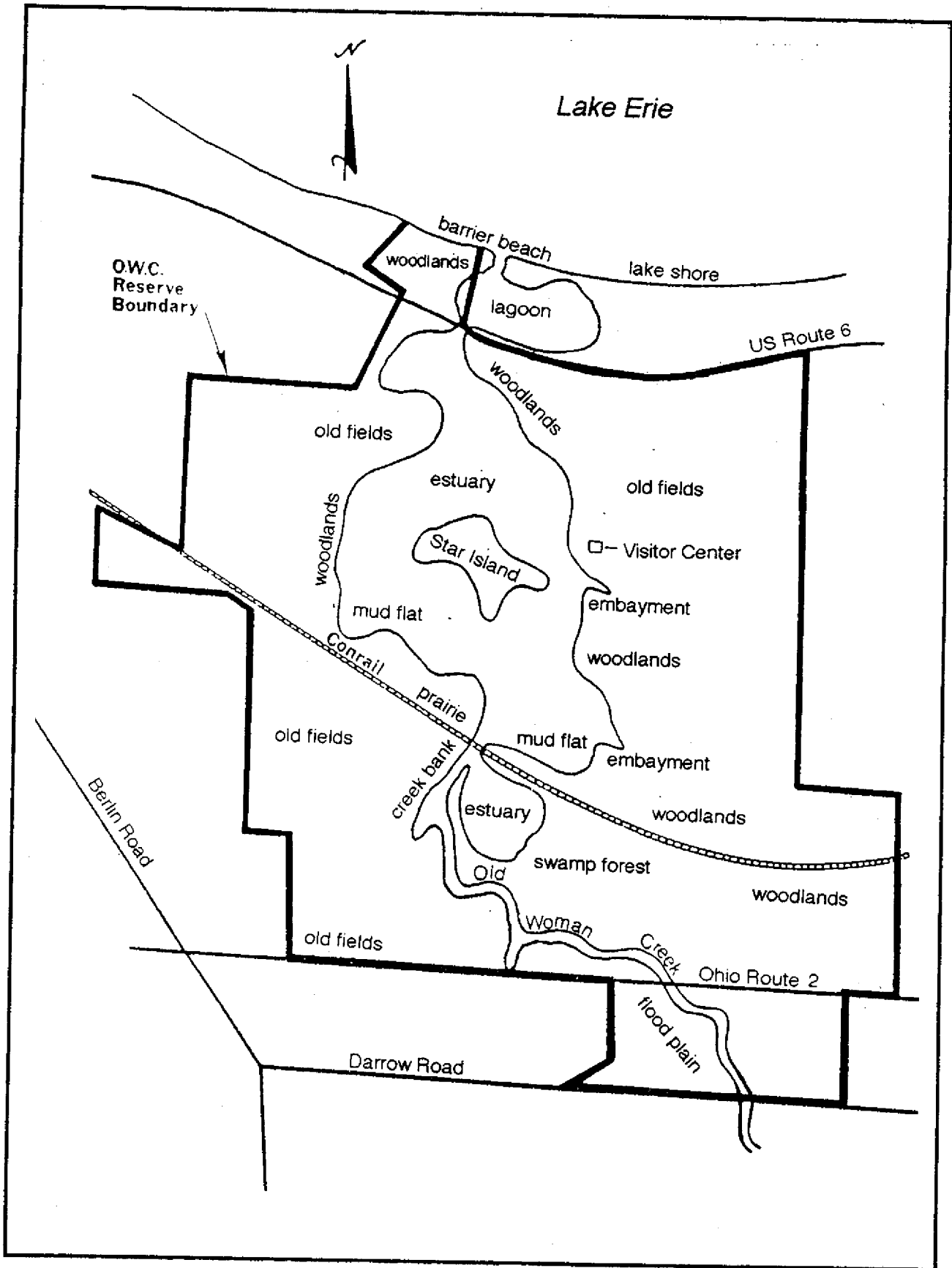


Figure 1. Old Woman Creek National Estuarine Research Reserve showing habitats

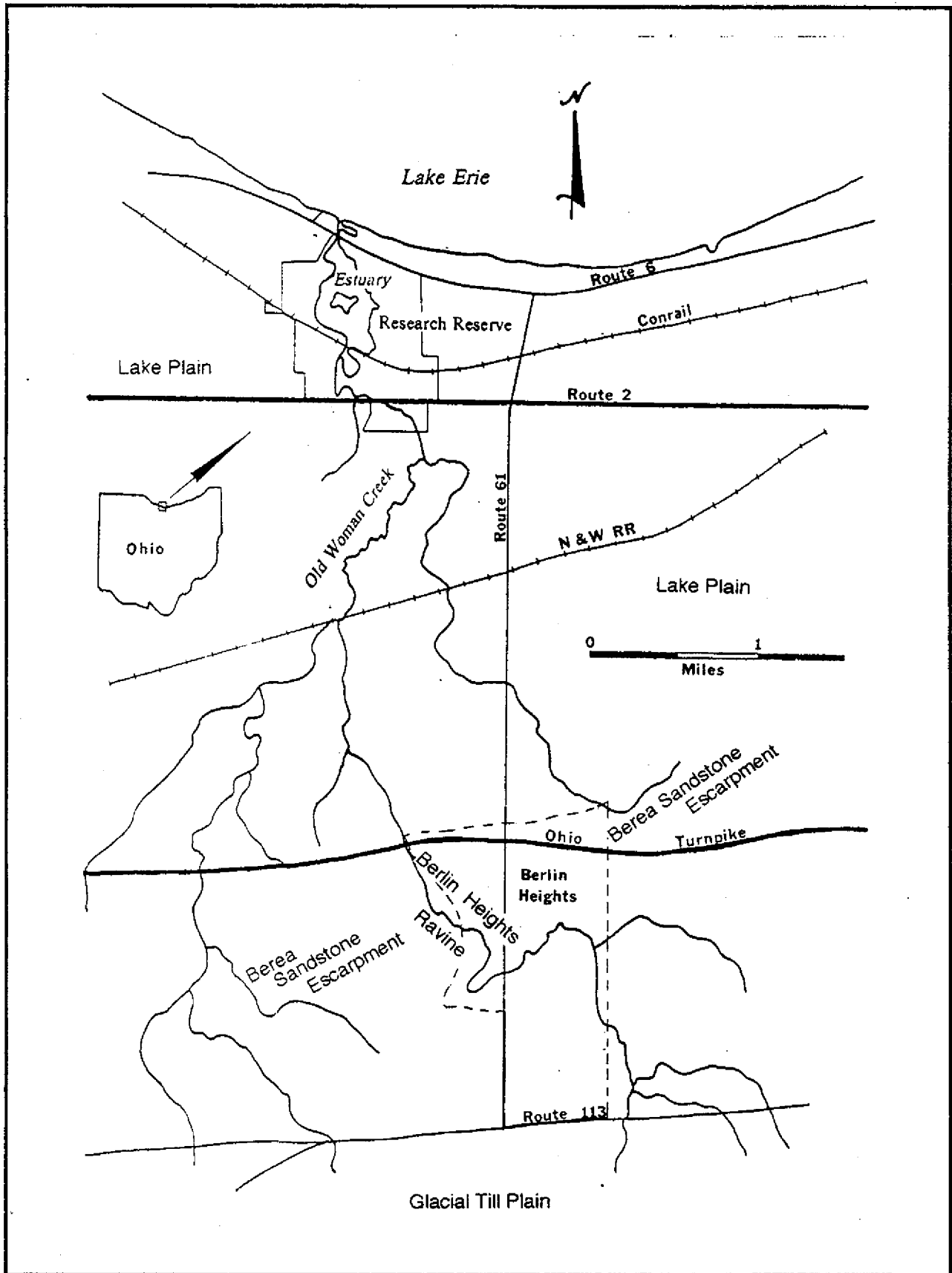


Figure 2. Old Woman Creek watershed showing tributary pattern

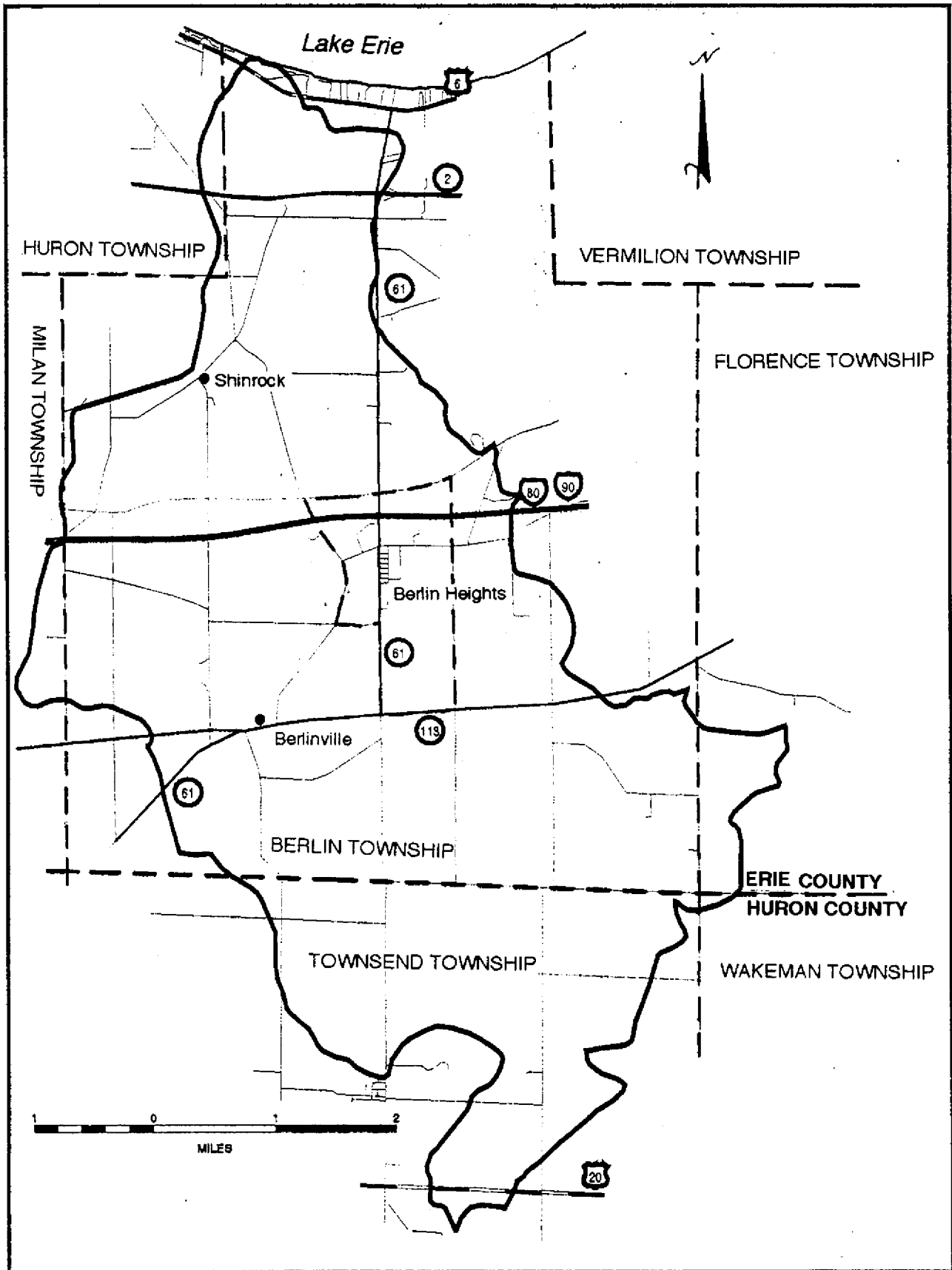


Figure 3. Old Woman Creek watershed showing political subdivisions

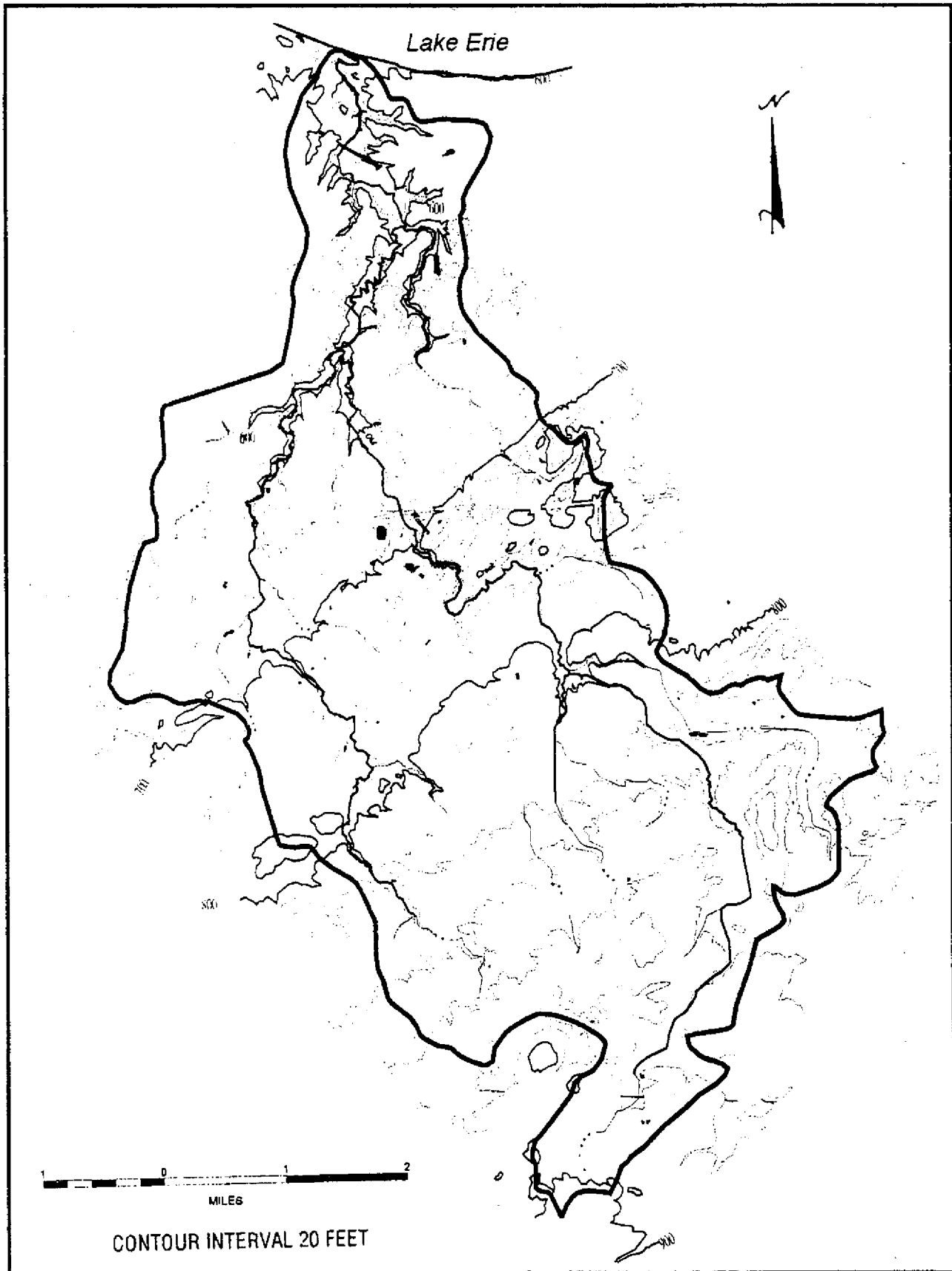


Figure 4. Old Woman Creek watershed showing drainage pattern and topography

VASCULAR PLANTS OF OLD WOMAN CREEK ESTUARY AND WATERSHED

DIVISION BRYOPHYTA (mosses and liverworts)

CLASS HEPATICOPSIDA (liverworts)

ORDER MARCHANTIALES

Family Ricciaceae (liverworts)

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
* <i>Riccia fluitans</i> Linnaeus * slender riccia	7	EST (eow,swf)	R	NL		N
* <i>Ricciocarpus natans</i> (Linnaeus) Corda * purple-fringed riccia	7	EST (eow,swf)	R	NL		N

DIVISION LYCOPODIOPHYTA (clubmosses)

CLASS LYCOPODIOPSIDA (clubmosses)

ORDER LYCOPODIALES

Family Lycopodiaceae (clubmosses)

* <i>Lycopodium dendroideum</i> Michaux * tree-like clubmoss	1	WSD (mtp)	R	FACU	C	N
* <i>Lycopodium obscurum</i> Linnaeus * tree clubmoss	9	WSD (mtp)	R	FACU	PC	N

DIVISION EQUISETOPHYTA (horsetails and scouring rushes)

CLASS EQUISETOPSIDA (horsetails)

ORDER EQUISETALES

Family Equisetaceae (horsetails)

* <i>Equisetum arvense</i> Linnaeus * field or common horsetail	2,4,5,7,10	EST (bbh,rrp),WSD(bht,shk)	O	FAC	Pht	N
* <i>Equisetum hyemale</i> Linnaeus * rough horsetail, scouring rush	10	WSD (bht,shk)		FACW	Pht	N

DIVISION POLYPODIOPHYTA (ferns)

CLASS POLYPODIOPSIDA (ferns)

ORDER OPHIOGLOSSALES

Family Ophioglossaceae (adder's tongues)

* <i>Botrychium dissectum</i> Sprengel * cut-leaf grapefern	9,10	WSD (bht,btp,mtp)		FAC	PFn	N
* <i>Botrychium rugulosum</i> Wagner * leathery grapefern [= <i>B. ternatum</i> Swartz]	1	WSD (btp)	O	NL	Fn	N
* <i>Botrychium virginianum</i> (Linnaeus) Swartz * rattlesnake fern	5,6,10	EST (swf),WSD (btp)	U	FACU	PFn	N

ORDER POLYPODIALES

Family Osmundaceae (royal ferns)

* <i>Osmunda cinnamomea</i> Linnaeus * cinnamon fern	2,4,5	EST (wde)	O	FACW	PEFn	N
* <i>Osmunda claytoniana</i> Linnaeus * interrupted fern	5,10	EST (wde),WSD (btp)	O	FAC	PFn	N

Family Polypodiaceae (polypodies)

* <i>Polypodium virginianum</i> Linnaeus * common polypody [= <i>P. vulgare</i> L.]	9	WSD (bht)		NL		N
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	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
Family Adiantaceae (maidenhair ferns)						
* <i>Adiantum pedatum</i> Linnaeus * northern maidenhair fern	5,10	EST (wde),WSD (btp)	U	FAC-	PFn	N
Family Asplenaceae [= Woodsiaceae] (spleenworts)						
* <i>Athyrium filix-femina</i> (Linnaeus) Roth * subarctic lady fern	5,7,10	EST (emb),WSD (bht)	R	FAC	PFn	N
* <i>Cystopteris bulbifera</i> (Linnaeus) Bernhardt * bulblet fern	10	WSD (bht)		FAC	PFn	N
* <i>Cystopteris tenuis</i> (Michaux) Desvaux * fragile fern	10	WSD (bht,btp)		NL		N
* <i>Dryopteris carthusiana</i> (Villars) Fuchs * spinulose woodfern [= <i>D. austriaca</i> (Jacquin) Woynar var. <i>spinulosa</i> (Mueller) Fischer]	5,7,10	EST (emb),WSD (bht,shk)	R	FAC+	Fn	N
* <i>Dryopteris intermedia</i> (Muhlenberg) Gray * evergreen woodfern [= <i>D. austriaca</i> var. <i>intermedia</i> (Muhlenberg) Morton]	9	WSD (btp)		FACU	PFn	N
* <i>Dryopteris marginalis</i> (Linnaeus) Gray * marginal shield-fern or woodfern	9,10	WSD (bht,ftp)		FACU-	PFn	N
* <i>Dryopteris</i> sp. Adanson * woodfern	6	EST (swf)	U	NL		
* <i>Gymnocarpium dryopteris</i> (Linnaeus) Newman * oak-fern	8	WSD (btp,ssh)	R	NL		N(T)
* <i>Phegopteris hexagonoptera</i> (Michaux) Fée * broad beech-fern	1	WSD (btp)	A	NL		N
* <i>Polystichum acrostichoides</i> (Michaux) Schott * Christmas fern	5,10	EST (wde),WSD (bht)	O	FACU-	PFn	N
Family Onocleaceae (sensitive ferns)						
* <i>Onoclea sensibilis</i> Linnaeus * sensitive fern	2,4,5,7,10	EST (emb,str),WSD (bht,shk)	R	FACW	PEFn	N

DIVISION PINOPHYTA (gymnosperms)
CLASS PINOPSIDA (conifers & yews)

ORDER PINALES (conifers)

Family Pinaceae (pines)

* <i>Picea pungens</i> Engelmann * blue spruce	5	EST (lsh)	R	NL		A
* <i>Pinus nigra</i> Arnold * Austrian pine	11	EST (wde)	O	NL		A
* <i>Pinus rigida</i> Miller * pitch pine	5	EST (wdw)	U	FACU	T	N
* <i>Pinus strobus</i> Linnaeus * eastern white pine	2,4,5	EST (wdw)	R	FACU	T	N
* <i>Pinus sylvestris</i> Linnaeus * Scotch pine	5	EST (lsh)	R	NL		A
* <i>Tsuga canadensis</i> (Linnaeus) Carrière * eastern hemlock	1,5,10	EST (lsh),WSD (bht,ckb)	O	FACU	T	N
Family Taxodiaceae (bald cypresses)						
* <i>Metasequoia glyptostroboides</i> Hu & Cheng * dawn redwood	5	EST (lsh)	R	NL		A
Family Cupressaceae (cypresses)						
* <i>Juniperus virginiana</i> Linnaeus * eastern red cedar	10	WSD (bht)		FACU	T	N

VASCULAR PLANTS OF OLD WOMAN CREEK ESTUARY AND WATERSHED

DIVISION BRYOPHYTA (mosses and liverworts) CLASS HEPATICOPSIDA (liverworts)

ORDER MARCHANTIALES

Family Ricciaceae (liverworts)

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
* <i>Riccia fluitans</i> Linnaeus * slender riccia	7	EST (eow,swf)	R	NL		N
* <i>Ricciocarpus natans</i> (Linnaeus) Corda * purple-fringed riccia	7	EST (eow,swf)	R	NL		N

DIVISION LYCOPODIOPHYTA (clubmosses) CLASS LYCOPODIOPSIDA (clubmosses)

ORDER LYCOPODIALES

Family Lycopodiaceae (clubmosses)

* <i>Lycopodium dendroideum</i> Michaux * tree-like clubmoss	1	WSD (mtp)	R	FACU	C	N
* <i>Lycopodium obscurum</i> Linnaeus * tree clubmoss	9	WSD (mtp)	R	FACU	PC	N

DIVISION EQUISETOPHYTA (horsetails and scouring rushes) CLASS EQUISETOPSIDA (horsetails)

ORDER EQUISETALES

Family Equisetaceae (horsetails)

* <i>Equisetum arvense</i> Linnaeus * field or common horsetail	2,4,5,7,10	EST (bbh,rrp),WSD(bht,shk)	O	FAC	PHt	N
* <i>Equisetum hyemale</i> Linnaeus * rough horsetail, scouring rush	10	WSD (bht,shk)		FACW	PHt	N

DIVISION POLYPODIOPHYTA (ferns) CLASS POLYPODIOPSIDA (ferns)

ORDER OPHIOGLOSSALES

Family Ophloglossaceae (adder's tongues)

* <i>Botrychium dissectum</i> Sprengel * cut-leaf grapefern	9,10	WSD (bht,btp,mtp)		FAC	PFn	N
* <i>Botrychium rugulosum</i> Wagner * leathery grapefern [= <i>B. ternatum</i> Swartz]	1	WSD (btp)	O	NL	Fn	N
* <i>Botrychium virginianum</i> (Linnaeus) Swartz * rattlesnake fern	5,6,10	EST (swf),WSD (btp)	U	FACU	PFn	N

ORDER POLYPODIALES

Family Osmundaceae (royal ferns)

* <i>Osmunda cinnamomea</i> Linnaeus * cinnamon fern	2,4,5	EST (wde)	O	FACW	PEFn	N
* <i>Osmunda claytoniana</i> Linnaeus * interrupted fern	5,10	EST (wde),WSD (btp)	O	FAC	PFn	N

Family Polypodiaceae (polypodies)

* <i>Polypodium virginianum</i> Linnaeus * common polypody [= <i>P. vulgare</i> L.]	9	WSD (bht)		NL		N
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	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
Family Adiantaceae (maidenhair ferns)						
* <i>Adiantum pedatum</i> Linnaeus * northern maidenhair fern	5,10	EST (wde),WSD (blp)	U	FAC-	PFn	N
Family Asplenaceae [= Woodsiaceae] (spleenworts)						
* <i>Athyrium filix-femina</i> (Linnaeus) Roth * subarctic lady fern	5,7,10	EST (emb),WSD (bht)	R	FAC	PFn	N
* <i>Cystopteris bulbifera</i> (Linnaeus) Bernhadi * bulblet fern	10	WSD (bht)		FAC	PFn	N
* <i>Cystopteris tenuis</i> (Michaux) Desvaux * fragile fern	10	WSD (bht,blp)		NL		N
* <i>Dryopteris carthusiana</i> (Villars) Fuchs * spinulose woodfern [= <i>D. austriaca</i> (Jacquin) Woynar var. <i>spinulosa</i> (Mueller) Fischer]	5,7,10	EST (emb),WSD (bht,shk)	R	FAC+	Fn	N
* <i>Dryopteris intermedia</i> (Muhlenberg) Gray * evergreen woodfern [= <i>D. austriaca</i> var. <i>intermedia</i> (Muhlenberg) Morton]	9	WSD (btp)		FACU	PFn	N
* <i>Dryopteris marginalis</i> (Linnaeus) Gray * marginal shield-fern or woodfern	9,10	WSD (bht,ftp)		FACU-	PFn	N
* <i>Dryopteris</i> sp. Adanson * woodfern	6	EST (swf)	U	NL		
* <i>Gymnocarpium dryopteris</i> (Linnaeus) Newman * oak-fern	8	WSD (btp,ssh)	R	NL		N(T)
* <i>Phegopteris hexagonoptera</i> (Michaux) Fée * broad beech-fern	1	WSD (btp)	A	NL		N
* <i>Polystichum acrostichoides</i> (Michaux) Schott * Christmas fern	5,10	EST (wde),WSD (bht)	O	FACU-	PFn	N
Family Onocleaceae (sensitive ferns)						
* <i>Onoclea sensibilis</i> Linnaeus * sensitive fern	2,4,5,7,10	EST (emb,str),WSD (bht,shk)	R	FACW	PEFn	N

DIVISION PINOPHYTA (gymnosperms)
CLASS PINOPSIDA (conifers & yews)

ORDER PINALES (conifers)

Family Pinaceae (pines)

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* <i>Pinus nigra</i> Arnold * Austrian pine	11	EST (wde)	O	NL		A
* <i>Pinus rigida</i> Miller * pitch pine	5	EST (wdw)	U	FACU	T	N
* <i>Pinus strobus</i> Linnaeus * eastern white pine	2,4,5	EST (wdw)	R	FACU	T	N
* <i>Pinus sylvestris</i> Linnaeus * Scotch pine	5	EST (lsh)	R	NL		A
* <i>Tsuga canadensis</i> (Linnaeus) Carrière * eastern hemlock	1,5,10	EST (lsh),WSD (bht,ckb)	O	FACU	T	N
Family Taxodiaceae (bald cypresses)						
* <i>Metasequoia glyptostroboides</i> Hu & Cheng * dawn redwood	5	EST (lsh)	R	NL		A
Family Cupressaceae (cypresses)						
* <i>Juniperus virginiana</i> Linnaeus * eastern red cedar	10	WSD (bht)		FACU	T	N

DIVISION MAGNOLIOPHYTA (angiosperms or flowering plants)

CLASS MAGNOLIOPSIDA (dicotyledons)

SUBCLASS MAGNOLIIDAE

ORDER MAGNOLIALES

Family Magnoliaceae (magnolias)

**Liriodendron tulipifera* Linnaeus *tulip tree, tulip-poplar

Family Annonaceae (custard-apples)

**Asimina triloba* (Linnaeus) Dunal *common or North American papaw

ORDER LAURALES

Family Lauraceae (laurels)

**Lindera benzoin* (Linnaeus) Blume *northern spicebush,
Benjamin bush

**Sassafras albidum* (Nuttall) Nees *sassafras

ORDER PIPERALES

Family Saururaceae (lizard's tails)

**Saururus cernuus* Linnaeus *lizard's tail

ORDER ARISTOLOCHIALES

Family Aristolochiaceae (birthworts)

**Aristolochia serpentaria* Linnaeus *Virginia snakeroot

**Asarum canadense* Linnaeus *wild or short-lobed ginger
[= *A. reflexum* Bicknell]

ORDER NYMPHAEALES

Family Nelumbonaceae (lotus-lilies)

**Nelumbo lutea* Willdenow *American or water lotus, lotus-lily,
water chinkapin [= *Nelumbium luteum* W.]

Family Nymphaeaceae (water-lilies)

**Nuphar lutea* (Linnaeus) Small ssp. *advena* (Aiton) Kartesz & Gandhi *
yellow cow-lily, spatterdock [= *N. advena* (Aiton) Aiton]

**Nymphaea odorata* Aiton *white water-lily [= *N. tuberosa* Paine]

Family Ceratophyllaceae (hornworts)

**Ceratophyllum demersum* Linnaeus *common hornwort, coontail

ORDER RANUNCULALES

Family Ranunculaceae (buttercups)

**Actaea pachypoda* Elliott *white baneberry

**Actaea rubra* (Aiton) Willdenow *red baneberry
[= *A. spicata* Linnaeus ssp. *rubra* (Aiton) Hultén]

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
	5,10	EST (wde),WSD (bht)	U	FACU	T	N
	1,10	WSD (bht,btp,ckb)	O	FACU+	T	N
	1,5,6,10	EST (swf),WSD (bht,btp,wdt)	A	FACW-	ST	N
	2,4-6,10	EST (str,swf,wde),WSD (bht)	C	FACU-	T	N
	2,4,5,7,10	EST (emb,wde), WSD (bht,shk)	R	OBL	PEF	N
	1,9	WSD (bht,btp)	U	NL		N
	5,6,9,10	EST (swf),WSD (bht,shk)	U	NL		N
	1,2,4,5,7	EST (eow)	A	OBL	PSbFIF	N
	2,4,5,7	EST (eow)	R	OBL	PSbF	N
	2,4,5,7	EST (eow)	C	OBL	PSbFIF	N
	2,4,5,7	EST (eow)	C	OBL	PFIF	N
	10	WSD (bht)	U	NL		N
	1	WSD (btp)	U	NL		N(T)

Family Ranunculaceae (continued)

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
* <i>Anemone canadensis</i> Linnaeus * Canada thimble-weed	5,10	EST (wde), WSD (shk)	U	FACW	PF	N
* <i>Anemone cylindrica</i> Gray * long-headed anemone	9	WSD (bht)	O	NL		N(T)
* <i>Anemone quinquefolia</i> Linnaeus * American woodland thimble-weed	2,5	EST (emb)	R	FACU	PF	N
* <i>Anemone virginiana</i> Linnaeus * tall thimble-weed, windflower	2,4,5,10	EST (trp,wde), WSD (bht,shk)	O	NI	PF	N
* <i>Aquilegia canadensis</i> Linnaeus * wild columbine	1,10	WSD (bht,btp)	C	FAC	PF	N
* <i>Caltha palustris</i> Linnaeus * common marsh marigold	2,4,5,7,10,11	EST (emb), WSD (bht,ckb,shk)	R	OBL	PF	N
* <i>Cimicifuga racemosa</i> (Linnaeus) Nuttall * black snakeroot or cohosh	2,4-6,10	EST (swf,wde), WSD (bht)	C	NL		N
* <i>Clematis virginiana</i> Linnaeus * Virginia virgin's-bower	2,4,5,10	EST (rrp) , WSD (bht)	O	FAC	PV	N
* <i>Hepatica nobilis</i> Schreber var. <i>acuta</i> (Pursh) Steyermark * sharp-lobed hepatica [= <i>H. acutiloba</i> DeCandolle]	5,10	EST (wde), WSD (bht,shk)	U	NL		N
* <i>Hydrastis canadensis</i> Linnaeus * goldenseal	4-7,10	EST (swf), WSD (bht)	U	NL		N
* <i>Ranunculus abortivus</i> Linnaeus * subalpine or kidney-leaf buttercup	5,7,10	EST (emb,wde), WSD (bht,shk)	O	FACW-	BPF	N
* <i>Ranunculus acris</i> Linnaeus * tall or meadow buttercup	1,9,10	WSD (bht,btp)	O	FAC+	PIF	A
* <i>Ranunculus fascicularis</i> Muhlenberg * early buttercup	2,4,5,8,10	EST (emb,wde), WSD (bht)	C	FACU	PF	N(P)
* <i>Ranunculus flabellaris</i> Rafinesque * yellow water buttercup	5,6	EST (swf)	U	OBL	PEF	N
* <i>Ranunculus hispidus</i> Michaux var. <i>caricetorum</i> (Greene) Duncan * bristly or hispid buttercup	7,11a	EST (emb), WSD (btp)	O	FAC	PF	N
* <i>Ranunculus hispidus</i> Michaux var. <i>nitidus</i> (Chapman) Duncan * northern swamp or hispid buttercup [= <i>R. septentrionalis</i> Poiret]	7,9,10	EST (emb), WSD (bht,btp)	O	OBL	PF	N
* <i>Ranunculus pennsylvanicus</i> Linné * Pennsylvania buttercup	5,6	EST (wde)	R	OBL	APEF	N
* <i>Ranunculus recurvatus</i> Poiret * hooked buttercup or crowfoot	7,10	EST (emb), WSD (bht,shk)	O	FAC+	PF	N
* <i>Ranunculus repens</i> Linnaeus * creeping buttercup	2,4,5,7	EST (emb)	O	FAC	PIF	A
* <i>Ranunculus sceleratus</i> Linnaeus * celery-leaf buttercup, cursed crowfoot	2,4,5,7,9,10	EST (ckb), WSD (bht,btp)	O	OBL	APEF	N
* <i>Thalictrum dioicum</i> Linnaeus * early meadow-rue	2,4-7,10	EST (str,swf), WSD (bht,shk)	R	FAC	PF	N
* <i>Thalictrum pubescens</i> Pursh * tall meadow-rue [= <i>T. polygamum</i> Muhlenberg]	10	WSD (bht,shk)		FACW+	PF	N
* <i>Thalictrum thalictroides</i> (Linnaeus) Eames & Boivin * rue anemone [= <i>Anemonella thalictroides</i> (Linnaeus) Spach]	2,4-7,9,10	EST (str,swf,wde)	O		NL	N
* <i>Thalictrum</i> sp. Linnaeus * meadow-rue	2	EST (str,swf), WSD (bht,shk)	O	NL		N
Family Berberidaceae (barberries)						
* <i>Berberis thunbergii</i> DeCandolle * Japanese barberry	5,10	EST (ish,wde), WSD (bht)	R	FACU	IS	A
* <i>Berberis vulgaris</i> Linnaeus * European or common barberry	5,6	EST (swf)	U	FACU	IS	A
* <i>Caulophyllum thalictroides</i> (Linnaeus) Michaux * blue cohosh	1,10	WSD (bht,btp)	O	NL		N
* <i>Podophyllum peltatum</i> Linnaeus * may-apple	2,4-6,10	EST (str,swf,wde), WSD (bht,shk)	C	FACU	PF	N

Family Menispermaceae (moonseeds)

**Menispermum canadense* Linnaeus * Canada moonseed

ORDER PAPAVERALES

Family Papaveraceae (poppies)

**Chelidonium majus* Linnaeus * celandine

**Sanguinaria canadensis* Linnaeus * bloodroot

Family Fumariaceae (fumitories)

**Dicentra canadensis* (Goldie) Walpers * squirrel-corn

**Dicentra cucullaria* (Linnaeus) Bernhardt * Dutchman's breeches

**Fumaria officinalis* Linnaeus * fumitory

SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
10,11b	EST (wde),WSD (bht)	O	NI	Wv	N
10	WSD (bht)		NL		A
5,9,10	EST (wde),WSD (bht,shk)	U	NI	PF	N
1	WSD (btp)	R	NL		N
5,10	EST (wde,wdw),WSD (bht,shk)	O	NL		N
10	WSD (bht)		NL		A

SUBCLASS HAMAMELIDAE

ORDER HAMAMELIDALES

Family Platanaceae (plane-trees)

**Platanus occidentalis* Linnaeus * American sycamore

Family Hamamelidaceae (witch hazels)

**Hamamelis virginiana* Linnaeus * American witch hazel

ORDER URTICALES

Family Ulmaceae (elms)

**Celtis occidentalis* Linnaeus * common or northern hackberry

**Ulmus americana* Linnaeus * American or white elm

**Ulmus pumila* Linnaeus * Siberian elm

**Ulmus rubra* Muhlenberg * slippery or red elm

Family Moraceae (mulberries)

**Maclura pomifera* (Rafinesque) Schneider * osage-orange

**Morus alba* Linnaeus * white mulberry

**Morus rubra* Linnaeus * red mulberry

Family Urticaceae (nettles)

**Boehmeria cylindrica* (Linnaeus) Swartz * small-spike false-nettle

**Laportea canadensis* (Linnaeus) Weddell * Canada wood-nettle

**Parietaria pensylvanica* Muhlenberg * Pennsylvania pellitory

**Pilea fontana* (Lunell) Rydberg * springs clearweed

**Pilea pumila* (Linnaeus) Gray * Canada clearweed

**Urtica dioica* Linnaeus * stinging nettle

**Urtica dioica* Linnaeus ssp. *gracilis* (Aiton) Seland *

slender or tall nettle [= *U. gracilis* Aiton; *U. procera* Muhlenberg]

5,7,10	EST (emb),WSD (bht,shk)	R	FACW-	T	N
1,9,10	WSD (bht,btp,shk)	A	FAC-	ST	N
5,10	EST (fsh,wde),WSD (bht,shk)	O	FACU	TS	N
5,6,9,10	EST (swf,wde),WSD (bht)	O	FACW-	T	N
10	WSD (bht)		NL		A
2,4-6,10	EST (swf,wdw),WSD (bht)	O	FAC	T	N
10	WSD (btp)		NL		Z
5,9	EST (wde),WSD (btp)	U	NL		C
10,11a	WSD (bht,btp)		FACU	T	N
2,4,5,7	EST (emb)	C	FACW+	PF	N
2,4,5,7	EST (emb)	C	FACW	PF	N
10	WSD (bht)		FACU-	AF	N
6,7	EST (emb,swf)	O	FACW+	AF	N
2,4-7,10	EST (bbh,emb,swf,wde),WSD (bht)	C	FACW	AF	N
2,4-7,10	EST (emb,swf),WSD (bht)	R	FACU	PIF	A
5,6,10	EST (swf),WSD (bht)	R	FACU	PIF	A

ORDER JUGLANDALES

Family Juglandaceae (walnuts)

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
* <i>Carya alba</i> (Linnaeus) Nuttall * mockernut hickory [= <i>C. tomentosa</i> (Lamarck) Nuttall]	5,6	EST (swf)	U	FACU-	T	N
* <i>Carya cordiformis</i> (Wangenheim) Koch * bitter-nut hickory	2,4-6,10	EST (swf,wdw),WSD (bht)	O	FACU+	T	N
* <i>Carya ovata</i> (Miller) Koch * shag-bark hickory	2,4-6,10	EST (swf,wde,wdw),WSD (bht)	C	FACU-	T	N
* <i>Juglans cinerea</i> Linnaeus * butternut	9,10	WSD (bht,btp,shk)		FACU+	T	N(P)
* <i>Juglans nigra</i> Linnaeus * black walnut	2,4-6,10	EST (ofe,swf,wdw),WSD (bht,shk)	O	FACU	T	N

ORDER FAGALES

Family Fagaceae (beeches)

* <i>Castanea dentata</i> (Marshall) Borkhausen * American chestnut	5,6,10	EST (swf),WSD (bht)	U	NL		N(P)
* <i>Fagus grandifolia</i> Ehrhart * American beech [= <i>F. ferruginea</i> Aiton]	1,5,9,10	EST (wde),WSD (bht,btp,shk)	O	FACU	T	N
* <i>Quercus alba</i> Linnaeus * white oak	2,4-6,10	EST (swf,wdw),WSD (bht)	C	FACU-	T	N
* <i>Quercus bicolor</i> Willdenow * swamp white oak	5,10	EST (lsh),WSD (btp)	R	FACW+	T	N
* <i>Quercus coccinea</i> Muenchhausen * scarlet oak	1,11	EST (wde),WSD (mlp)	A	NL		N
* <i>Quercus macrocarpa</i> Michaux * bur oak	5,9	EST (wde),WSD (bht)	U	FAC-	TS	N
* <i>Quercus nigra</i> Linnaeus * water or black oak	5,6	EST (swf)	U	FAC	T	N
* <i>Quercus palustris</i> Muenchhausen * pin oak	2,4,5,10	EST (wde),WSD (bht)	C	FACW	T	N
* <i>Quercus rubra</i> Linnaeus var. <i>ambigua</i> (Gray) Fernald * northern red oak [= <i>Q. borealis</i> (Michaux) Farwell]	2,4-6,9,10	EST (swf,wde),WSD (bht,btp)	O	FACU-	T	N
* <i>Quercus velutina</i> Lamarck * black oak	5,6,10	EST (swf,wdw),WSD (bht)	O	NL		N

Family Betulaceae [= Corylaceae] (birches & hazels)

* <i>Alnus serrulata</i> (Aiton) Willdenow * brook-side or smooth alder	2-5	EST (ckb)	O	OBL	T	N
* <i>Carpinus carolinana</i> Walter * American hornbeam, ironwood	10	WSD (bht)		FAC	T	N
* <i>Corylus americana</i> Walter * American hazel-nut	2,4-6,9,10	EST (swf,wdw),WSD (bht)	O	FACU-	S	N
* <i>Ostrya virginiana</i> (Miller) Koch * eastern hop-hornbeam	2-6,10	EST (swf,wde),WSD (bht,shk)	O	FACU-	T	N

SUBCLASS CARYOPHYLLIDAE

ORDER CARYOPHYLLALES

Family Phytolaccaceae (pokeweeds)

* <i>Phytolacca americana</i> Linnaeus * common pokeweed	2,4,5,7,10	EST (emb,ofe),WSD (bht,shk)	O	FACU+	PF	N
Family Nyctaginaceae (four-o'clocks)						
* <i>Mirabilis nyctaginea</i> (Michaux) MacMillan * heart-leaf or wild four-o'clock	2,4,5,7	EST (bbh)	R	FACU-	PF	N
Family Chenopodiaceae (goosefoots & pigweeds)						
* <i>Atriplex</i> sp. Linnaeus * orache	10	WSD (bht)		NL		
* <i>Chenopodium album</i> Linnaeus * white goosefoot, lamb's quarters	2,4,5,10	EST (bbh),WSD (bht,shk)	R	FACU+	AIF	A

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
Family Chenopodiaceae (continued)						
* <i>Chenopodium simplex</i> (Torrey) Rafinesque * maple-leaved goosefoot [= <i>C. hybridum</i> Linnaeus]	10	WSD (bht)		NL		N
* <i>Cycloloma atriplicifolium</i> (Sprengel) Coulter * winged pigweed	2,4,5	EST (bbh)	R	FACU-	AF	N
* <i>Salsola kali</i> Linnaeus * Russian thistle, saltwort	2,5,7,9	EST (bbh)	R	FACU	AIF	A
* <i>Salsola kali</i> ssp. <i>tragus</i> (Linnaeus) Aellen * Russian thistle [= <i>S. k.</i> var. <i>tenuifolia</i> Tausch; <i>S. tragus</i> Linnaeus]	4,11a	EST (bbh)	R	FACU	AIF	A
Family Amaranthaceae (amaranths)						
* <i>Amaranthus albus</i> Linnaeus * white amaranth, tumbleweed	2,4,5	EST (bbh)	R	FACU	AF	N
* <i>Amaranthus retroflexus</i> Linnaeus * red-root amaranth, pigweed	2,4,5	EST (bbh)	O	FACU	AF	N
* <i>Amaranthus tuberculatus</i> (Moquin-Tandon) Sauer * rough-fruit amaranth	5	EST (emb)	R	FACW	AF	N
* <i>Amaranthus</i> sp. Linnaeus * pigweed	10	WSD (bht)		NL		
Family Portulacaceae (purslanes)						
* <i>Claytonia virginica</i> Linnaeus * narrow-leaf springbeauty	5,7,10	EST (emb,wde), WSD (bht,shk)	O	FACU	PF	N
* <i>Portulaca oleracea</i> Linnaeus * common purslane	2,4,6,10	EST (bbh,swf), WSD (bht)	R	FAC	AScF	A
Family Molluginaceae (carpet-weeds)						
* <i>Mollugo verticillata</i> Linnaeus * green carpet-weed	10	WSD (bht)		FAC	AF	Z
Family Caryophyllaceae (pinks)						
* <i>Arenaria serpyllifolia</i> Linnaeus * thyme-leaf sandwort	10	WSD (bht)		FAC	AIF	A
* <i>Cerastium arvense</i> Linnaeus * field chickweed	5	EST (wde)	O	NL		N
* <i>Cerastium fontanum</i> Baumgarten * mouse-ear chickweed	5	EST (wde)	O	FACU-	PIF	A
* <i>Cerastium fontanum</i> Baumgarten ssp. <i>vulgare</i> (Hartman) Greuter & Burdet * common mouse-ear chickweed [= <i>C. vulgatum</i> Linnaeus]	5,7,9,10	EST (wde), WSD (bht,btp,shk)	U	FACU-	PIF	A
* <i>Dianthus armeria</i> Linnaeus * Deptford pink	10	WSD (bht)		NL		A
* <i>Saponaria officinalis</i> Linnaeus * bouncing-bet	2,4,5,7,10	EST (ofe), WSD (bht)	O	FACU-	PIF	A
* <i>Silene antirrhina</i> Linnaeus * sleepy catchfly	10	WSD (bht)		NL		N
* <i>Silene latifolia</i> Poiret ssp. <i>alba</i> (Miller) Greuter & Burdet * white campion [= <i>S. pratensis</i> (Rafinesque) Godron & Grenier]	10	WSD (bht,shk)		NL		A
* <i>Stellaria graminea</i> Linnaeus * lesser starwort or stitchwort	10	WSD (bht)		FACU-	PF	A
* <i>Stellaria longifolia</i> Muhlenberg * long-leaf starwort or stitchwort	10	WSD (bht)		FACW	PF	N
* <i>Stellaria media</i> (Linnaeus) Villars * common chickweed	9,10	WSD (bht,shk)		NL		A
* <i>Stellaria pubera</i> Michaux * great chickweed	7	EST (emb)	R	NL		N

ORDER POLYGONALES

Family Polygonaceae (buckwheats)

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
* <i>Polygonum amphiblum</i> Linnaeus var. <i>emersum</i> Michaux * water smartweed [= <i>P. coccineum</i> Muhlenberg]	2,4-7	EST (eow,swf)	C	OBL	PEFIF	N
* <i>Polygonum aviculare</i> Linnaeus * prostrate knotweed or smartweed	5,10	EST (ofe),WSD (bht)	O	FACU	APIF	N
* <i>Polygonum convolvulus</i> Linnaeus * black bindweed	2,4,5	EST (emb)	R	FACU	AIVF	A
* <i>Polygonum cuspidatum</i> Slebold & Zuccarini * Japanese knotweed	10	WSD (bht)		FACU-	PIF	A
* <i>Polygonum hydropiper</i> Linnaeus * marshpepper smartweed, water-pepper	7,10	EST (emb),WSD (bht)	R	OBL	AIEF	A
* <i>Polygonum hydropiperoides</i> Michaux * swamp smartweed, water-pepper	5,7	EST (emb)	O	OBL	PEF	N
* <i>Polygonum lapathifolium</i> Linnaeus * willow-weed, nodding smartweed	2,4-7,10	EST (ofw,swf),WSD (bht)	O	FACW+	AF	N
* <i>Polygonum pensylvanicum</i> Linnaeus * Pennsylvania smartweed, Lake Erie pinkweed [= <i>P. p.</i> Linnaeus var. <i>eglandulosum</i> Myers]	2,4-7,10	EST (bbh,ofw,swf),WSD (bht)	C	FACW	AEF	N
* <i>Polygonum persicaria</i> Linnaeus * lady's thumb	2,4-7,10	EST (emb,swf),WSD (bht)	C	FACW	AIF	A
* <i>Polygonum punctatum</i> Elliott * dotted or water smartweed	2,4-7	EST (lag,swf)	C	OBL	PEF	N
* <i>Polygonum sagittatum</i> Linnaeus * arrow-leaf tearthumb, arrow-vine	2,4-7,10	EST (ofw,swf),WSD (btp,shk)	O	OBL	APF	N
* <i>Polygonum scandens</i> Linnaeus * climbing false-buckwheat	10	WSD (bht)		FAC	PV	N
* <i>Polygonum virginianum</i> Linnaeus * Virginia knotweed, jumpseed [= <i>Tovara virginiana</i> (Linnaeus) Rafinesque]	2,5-7,10	EST (emb,ofe,swf),WSD (bht)	O	FAC	APF	N
* <i>Rumex acetosella</i> Linnaeus * garden sorrel, sheep sorrel	5,10	EST (ofe),WSD (bht,shk)	U	FACU	PIF	A
* <i>Rumex crispus</i> Linnaeus * curly or sour dock	2,4,5,10	EST (emb,ofe),WSD (bht,shk)	O	FACU	PIF	A
* <i>Rumex orbiculatus</i> Gray * great water dock	2,4-6	EST (emb,swf)	R	OBL	PEF	N
* <i>Rumex verticillatus</i> Linnaeus * swamp dock	2,4,5,7	EST (emb)	C	OBL	PEF	N

SUBCLASS DILLENIIDAE

ORDER THEALES

Family Clusiaceae [= Guttiferae] (garcinias)

* <i>Hypericum ascyron</i> Linnaeus * great St. John's-wort [= <i>H. pyramidatum</i> Aiton]	1,9	WSD (ckb,shk)	O	FAC	PF	N
* <i>Hypericum majus</i> (Gray) Britton * large Canadian St. John's-wort	11b	EST (ofe)	O	FACW	AF	N(P)
* <i>Hypericum perforatum</i> Linnaeus * common St. John's-wort	1,2,5,10	EST (emb),WSD (bht,btp)	C	NL		A
* <i>Hypericum punctatum</i> Lamarck * dotted or spotted St. John's-wort	2,5,10	EST (emb),WSD (bht)	R	FAC-	PF	N

ORDER MALVALES

Family Tiliaceae (lindens)

* <i>Tilia americana</i> Linnaeus * American basswood	5,6,9,10	EST (swf,wdw),WSD (bht,shk)	C	FACU	T	N
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Family Malvaceae (mallows)

- *Abutilon theophrasti* Medikus * velvet-leaf
- *Hibiscus moscheutos* Linnaeus * swamp rosemallow [= *H. palustris* L.]
- *Hibiscus trionum* Linnaeus * flower-of-the-hour
- *Malva moschata* Linnaeus * musk mallow
- *Malva neglecta* Wallroth * common mallow
- *Malva sylvestris* Linnaeus * high mallow

ORDER NEPENTHALES (Insectivores)

Family Droseraceae (sundews)

- *Drosera rotundifolia* Linnaeus * round-leaf sundew

ORDER VIOLALES

Family Cistaceae (rockroses)

- *Helianthemum bicknellii* Fernald * plains frostweed
[= *H. majus* (Linnaeus) Britton, Sterns, & Poggenburg misapplied]
- *Lechea minor* Linnaeus * pinweed

Family Violaceae (violets)

- *Viola blanda* Willdenow * sweet white violet
- *Viola canadensis* Linnaeus * Canada violet
- *Viola conspersa* Reichenbach * American dog violet
- *Viola cucullata* Aiton * marsh blue violet
- *Viola odorata* Linnaeus * white violet
- *Viola palmata* Linnaeus * three-lobed violet [= *V. triloba* Schweinitz]
- *Viola pubescens* Aiton * downy or common yellow violet
- *Viola rostrata* Pursh * long-spur violet
- *Viola sagittata* Aiton * arrow-leaf violet
- *Viola sororia* Willdenow * woolly blue violet, freckled sister-violet
- *Viola striata* Aiton * striped cream violet, pale violet

Family Cucurbitaceae (gourds)

- *Echinocystis lobata* (Michaux) Torrey & Gray * wild mock-cucumber

ORDER SALICALES

Family Salicaceae (willows)

- *Populus deltoides* Bartram * eastern cotton-wood
- *Populus grandidentata* Michaux * big-tooth aspen
- *Salix alba* Linnaeus * white willow

SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
2,4,5,10	EST (bbh),WSD (btp)	R	NL		A
2,4-7	EST (emb,swf)	C	OBL	PEF	N
2,4,5,10	EST (bbh),WSD (bht)	R	NL		A
9	WSD (bht)		NL	I	A
10	WSD (bht)		NL		A
9	WSD (bve)		NL	I	A
1,9	WSD (mtp)	R	OBL	PEF	N(P)
1,5,8	EST (rrp),WSD (mtp)	O	NL		N(T)
1	WSD (mtp)	U	NL		N(T)
1	WSD (btp)	O	FACW	PF	N
5,6	EST (swf)	U	NL		N
7	EST (emb)	R	FACW	PF	N
2,5,10	EST (str),WSD (btp)	C	FACW+	PF	N
10	WSD (bht)		NL		A
10	WSD (bht)		NL		N
2,5,10	EST (emb),WSD (bht,shk)	O	FACU-	PF	N
1,9,10	WSD (bht)	A	FACU	PF	N
1	WSD (mtp)	C	FACW	PF	N
7,10,11	EST (emb),WSD (bht,htp,shk,wdt)	C	FAC-	PF	N
2,5,10	EST (ckb),WSD (shk)	O	FACW	PF	N
2,4-7,10	EST (emb,swf),WSD (bht,shk)	O	FAC	AF	N
2,4-7,10	EST (bbh,ofe,swf,wdt),WSD (bht)	O	FAC	T	N
1,2,4,5,10	EST (emb),WSD (btp)	O	FACU-	T	N
5,6	EST (swf)	U	FACW	IT	A

Family Salicaceae (continued)

- *Salix amygdaloides* Andersson * peach-leaf willow
- *Salix babylonica* Linnaeus * weeping willow
- *Salix discolor* Muhlenberg * pussy willow
- *Salix eriocephala* Michaux * Missouri River or heart-leaf willow
[= *S. rigida* Muhlenberg]
- *Salix exigua* Nuttall * sandbar willow [= *S. interior* Rowlee]
- *Salix fragilis* Linnaeus * crack willow
- *Salix humilis* Marshall * tall prairie willow
- *Salix nigra* Marshall * black willow
- *Salix* sp. Linnaeus * willow

ORDER CAPPARALES

Family Capparaceae [= Capparidaceae] (capers)

- *Polanisia dodecandra* (Linnaeus) DeCandolle *
rough-seed clammy-weed

Family Brassicaceae [= Cruciferae] (mustards)

- *Alliaria petiolata* (Bieberstein) Cavara & Grande * garlic mustard
[= *A. officinalis* Andrzejowski]
- *Arabidopsis thaliana* (Linnaeus) Heynhold * mouse-ear cress
- *Arabis laevigata* (Muhlenberg) Poiret * smooth rock cress
- *Barbarea vulgaris* Aiton * yellow rocket, common winter-cress
- *Brassica nigra* (Linnaeus) Koch * black mustard
- *Brassica rapa* Linnaeus * field mustard [= *B. campestris* L.]
- *Cakile edentula* (Bigelow) Hooker * American or inland searocket
- *Capsella bursa-pastoris* (Linnaeus) Medikus *
common shepherd's purse
- *Cardamine bulbosa* (Schreber) Britton, Sterns, & Poggenburg *
bulbous bitter-cress, spring cress
- *Cardamine concatenata* (Michaux) Swartz * cut-leaf toothwort
[= *Dentaria laciniata* Muhlenberg]
- *Cardamine diphylla* (Michaux) Wood * two-leaf or common toothwort
[= *Dentaria diphylla* Michaux]
- *Cardamine douglassii* Britton * purple bitter-cress
- *Cardamine hirsuta* Linnaeus * hairy bitter-cress
- *Cardamine pennsylvanica* Muhlenberg * Pennsylvania bitter-cress

SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
5,7	EST (emb)	R	FACW	T	N
7	EST (emb)	R	FACW-	IT	A
9,10	WSD (bht)		FACW	S	N
10	WSD (bht)		FACW	S	N
5,7,10	EST (bbh,ckb,emb),WSD (bht,btp)	O	OBL	S	N
11b	EST (ofe)		FAC+	IT	A
11a	WSD (btp)		FACU	S	N
5,7,10	EST (emb),WSD (bht)	R	FACW+	T	N
2	EST (bbh)	O	NL		
2,4,5	EST (bbh)	R	FACU	AF	N
2,4-7,10	EST (emb,swf,wde),WSD (bht,shk)	O	FACU-	BIF	A
10	WSD (bht)		NL		A
5,6,10	EST (swf,wde),WSD (bht,shk)	U	NL		N
2,4,5,7,9,10	EST (bbh,wde),WSD (bht,shk)	C	FACU	BIF	A
10	WSD (bht)	A	NL		A
2,4,5	EST (str)	O	NL		A
5,7,8	EST (bbh)	U	FACU	AScF	N(P)
10	WSD (bht,shk)		FACU	AIF	A
5,7,10	EST (emb),WSD (bht)	O	OBL	PF	N
2,4,5,10	EST (str),WSD (bht,shk)	O	FACU	PF	N
1,10	WSD (bht,btp)	U	FACU	PF	N
7,10	EST (emb),WSD (bht)	R	FACW+	PEF	N
10	WSD (bht,btp)		FACU	AI	A
2,4,5,7,10	EST (emb),WSD (bht,shk)	C	OBL	AF	N

Family Brassicaceae (continued)

- *Draba verna* Linnaeus * whitlow-grass
[= *Erophila verna* (Linnaeus) Besser]
- *Erysimum repandum* Linnaeus * treacle mustard
- *Hesperis matronalis* Linnaeus * dame's rocket
- *Lepidium campestre* (Linnaeus) Aiton * cow cress
- *Lepidium virginicum* Linnaeus * poor-man's pepper-grass
- *Lunaria annua* Linnaeus * moneyplant
- *Noebeckia aquatica* (Eaton) Greene * lakecress
[= *Armoracia aquatica* (Eaton) Wiegand; *Nasturtium lacustre* Gray]
- *Rorippa nasturtium-aquaticum* (Linnaeus) Hayek * true water-cress
[= *Nasturtium officinale* Aiton]
- *Rorippa palustris* (Linnaeus) Besser * marsh yellow-cress
- *Rorippa palustris* (Linnaeus) Besser ssp. *hispida* (Desvaux) Jonsell *
bog yellow-cress, marsh cress [= *R. p.* (Linnaeus) Besser var. *hispida*
(Desvaux) Rydberg; *R. islandica* (Oeder) Borbás misapplied]
- *Sinapis alba* Linnaeus * white mustard [= *Brassica hirta* Moench]
- *Sinapis arvensis* Linnaeus * charlock
[= *Brassica kaber* (DeCandolle) Wheeler]
- *Sisymbrium officinale* (Linnaeus) Scopoli * hedge mustard
- *Thlaspi arvense* Linnaeus * field penny-cress

ORDER ERICALES

Family Ericaceae (heaths)

- *Epigaea repens* Linnaeus * trailing arbutus, ground laurel
- *Gaultheria procumbens* Linnaeus * creeping wintergreen
- *Vaccinium macrocarpon* Aiton * American or large cranberry
[= *Oxycoccus macrocarpus* (Aiton) Pursh]
- *Vaccinium pallidum* Aiton * low or hillside blueberry
[= *V. vacillans* Kalm]

Family Pyrolaceae (wintergreens)

- *Chimaphila umbellata* (Linnaeus) Barton * prince's pine
- *Pyrola americana* Sweet * round-leaf wintergreen
[= *P. rotundifolia* Linnaeus]

Family Monotropaceae (Indian pipes)

- *Monotropa uniflora* Linnaeus * Indian-pipe

SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
10	WSD (bht)		NL		A
10	WSD (bht,shk)		NL		A
2,4,5,10	EST (emb),WSD (bht,shk)	O	NL		A
10	WSD (bht)		NL		N
10	WSD (bht)		FACU-	ABF	N
10	WSD (bht)		NL		C
1,8,9	EST (swf),WSD (shk)	U	OBL	PSbF	N
10	WSD (shk)		OBL	PISbEF	A
10	WSD (bht)		OBL	AEF	N
2,4,5,7	EST (emb)	C	NL		N
2,4,5	EST (bbh)	O	NL		A
5	EST (ofw)	U	NL		A
10	WSD (bht,shk)		NL		A
10	WSD (bht,shk)		NI	AIF	A
1,9	WSD (bht)	R	NL		N
1	WSD (bht)	R	FACU	S	N
1	WSD (bht)	U	OBL	S	N(P)
1,5	EST (wde),WSD (btp)	A	NL		N
1,9	WSD (mtp)	R	NL		N(T)
1,9	WSD (bht)	O	FAC	PF	N
9	WSD (shk)		FACU-	PSPScF	N

ORDER PRIMULALES

Family Primulaceae (primroses)

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
* <i>Lysimachia ciliata</i> Linnaeus * fringed loosestrife	2,4,5,7,10	EST (emb), WSD (bht,shk)	R	FACW	PF	N
* <i>Lysimachia nummularia</i> Linnaeus * creeping Jennie, moneywort	2,4,5,7,10	EST (emb,wde), WSD (bht,shk)	A	OBL	PIF	A
* <i>Lysimachia quadrifolia</i> Linnaeus * whorled or prairie loosestrife	2,4-6,10	EST (str,swf), WSD (btp)	C	FACU-	PF	N
* <i>Samolus valerandi</i> Linnaeus * water pimpernel [=? <i>S. valerandi americanus</i> Gray]	1	WSD (shk)	O	OBL	PF	N

SUBCLASS ROSIDAE

ORDER ROSALES

Family Hydrangeaceae (hydrangeas)

* <i>Hydrangea arborescens</i> Linnaeus * wild hydrangea	2,4,5	EST (rrp)	R	FACU	S	N
* <i>Philadelphus coronarius</i> Linnaeus * mock orange, syringa	1,9	WSD (bht)	U	NL		A

Family Grossulariaceae (gooseberries)

* <i>Ribes americanum</i> Miller * wild or American black currant	10,11a	WSD (bht,btp,shk)		FACW	S	N
* <i>Ribes cynosbati</i> Linnaeus * bristly gooseberry, dogberry	10,11a	WSD (bht,btp)		NL		N
* <i>Ribes rubrum</i> Linnaeus * red currant [= <i>R. sativum</i> Syme]	2,4,5,10	EST (emb), WSD (bht)	O	NL		A
* <i>Ribes uva-crispa</i> Linnaeus * garden gooseberry	5,6	EST (lsh,swf,wde)	U	NL		A

Family Crassulaceae (orpines)

* <i>Sedum telephium</i> Linnaeus * live-forever	2,4,5	EST (rrp)	R	NL		A
* <i>Sedum ternatum</i> Michaux * wild sedum	10	WSD (bht,shk)		NL		N

Family Saxifragaceae (saxifrages)

* <i>Heuchera americana</i> Linnaeus * American alum-root	5,10	EST (wde), WSD (bht)	U	FACU-	PF	N
* <i>Mitella diphylla</i> Linnaeus * two-leaf bishop's-cap, mitrewort	9,10	WSD (btp,shk)		FACU	PF	N
* <i>Penthorum sedoides</i> Linnaeus * ditch-stonecrop	2,4-7	EST (emb,swf)	O	OBL	PF	N

Family Rosaceae (roses)

* <i>Agrimonia gryposepala</i> Wallroth * tall hairy grooverbur, agrimony	2,4-6,10	EST (emb,swf), WSD (bht,shk)	C	FACU	PF	N
* <i>Agrimonia parviflora</i> Aiton * small-flower groovebur	10,11b	EST (ofe), WSD (shk)	O	FAC	PF	N
* <i>Agrimonia pubescens</i> Wallroth * downy agrimony	9	WSD (bht,ckb,wdt)		NL		N
* <i>Amelanchier arborea</i> (Michaux) Fernald * downy service-berry	5,10,11a	EST (wde), WSD (bht,btp)	U	FAC-	T	N
* <i>Amelanchier laevis</i> Wiegand * smooth service-berry, Juneberry	10	WSD (bht)		NL		N
* <i>Aronia melanocarpa</i> (Michaux) Elliott * black chokeberry [=? <i>Pyrus arbutifolia melanocarpa</i> Hook]	1	WSD (btp)	O	FAC	S	N
* <i>Crataegus crus-galli</i> Linnaeus * cockspur hawthorn	1,9,10	WSD (btp)	A	FACU	TS	N
* <i>Crataegus mollis</i> Scheele * downy hawthorn	7	EST (swf)	O	FACU	T	N
* <i>Crataegus punctata</i> Jacquin * dotted hawthorn	1,9	WSD (shk)	C	NL		N

Family Rosaceae (continued)

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
* <i>Crataegus</i> spp. Linnaeus * hawthorns	2,5,6,10	EST (str,swf,wde),WSD (bht,shk)	C	NL		
* <i>Duchesnea indica</i> (Andrews) Focke * Indian mock-strawberry	10	WSD (bht)		FACU-	PIF	A
* <i>Fragaria vesca</i> Linnaeus * woodland strawberry	1	WSD (btp)	A	NL		A
* <i>Fragaria virginiana</i> Duchesne * Virginia or wild strawberry	2,4,5,10	EST (emb),WSD (bht)	O	FACU	PF	N
* <i>Geum canadense</i> Jacquin * white avens	2,4-7,10	EST (emb,ofe,swf),WSD (bht)	O	FACU	PF	N
* <i>Geum laciniatum</i> Murray * rough avens	2,4,5,10	EST (emb),WSD (bht)	O	FAC+	PF	N
* <i>Geum vernum</i> (Rafinesque) Torrey & Gray * spring or vernal avens	1,10	WSD (bht,btp,shk)	C	FACU	PIF	N
* <i>Malus coronaria</i> (Linnaeus) Miller * wild crab, southern crab-apple [= <i>Pyrus coronaria</i> Linnaeus; <i>M. angustifolia</i> (Aiton) Michaux]	5,10,11a	EST (lsh,wde),WSD (bht,btp)	O	NL		N
* <i>Malus pumila</i> Miller * apple	5,11a	EST (lsh,ofe,str,wde,wdw)	O	NL		A
* <i>Potentilla canadensis</i> Linnaeus * running five-finger, cinquefoil	2,4-6	EST (str,swf)	O	FACU-	PF	N
* <i>Potentilla norvegica</i> Linnaeus * Norwegian or rough cinquefoil	7,10	EST (emb),WSD (bht,shk)	R	FACU	ABPF	N
* <i>Potentilla recta</i> Linnaeus * rough-fruited cinquefoil	5,10	EST (ofe,ofw,wde),WSD (bht)	O	NL		A
* <i>Potentilla simplex</i> Michaux * old-field or common cinquefoil	5,7,10	EST (ofe,ofw,wde),WSD (bht,shk)	O	FACU-	PF	N
* <i>Potentilla</i> sp. Linnaeus * cinquefoil	2	EST (bbh)	R	NL		
* <i>Prunus americana</i> Marshall * American or wild plum	5,10	EST (lsh),WSD (bht)	R	FACU-	ST	N
* <i>Prunus avium</i> (Linnaeus) Linnaeus * sweet cherry	10	WSD (bht)		NL		A
* <i>Prunus pennsylvanica</i> Linné * pin cherry	2,4,5	EST (str)	O	FACU-	ST	N
* <i>Prunus serotina</i> Ehrhart * black or wild cherry	2,4-6,10	EST (emb,swf,wde),WSD (bht)	O	FACU	T	N
* <i>Prunus virginiana</i> Linnaeus * choke cherry	10	WSD (bht)		FACU	ST	N
* <i>Rosa blanda</i> Aiton * smooth stem rose	2,4,5	EST (emb,str)	R	FACU	S	N(T)
* <i>Rosa carolina</i> Linnaeus * pasture or wild rose	5,10	EST (ofe,wde),WSD (bht)	O	NL		N
* <i>Rosa multiflora</i> Thunberg * multiflora rose	2,4,5,7,10	EST (emb,str),WSD (bht,shk)	O	FACU	IS	A
* <i>Rosa palustris</i> Marshall * swamp rose	2,4-6,10	EST (eow,swf),WSD (bht)	C	OBL	S	N
* <i>Rosa setigera</i> Michaux * prairie or climbing rose	2,4,5,7,10	EST (emb,str),WSD (btp)	O	FACU	Wv	N
* <i>Rubus allegheniensis</i> Porter * Allegheny blackberry	10	WSD (bht,shk)		FACU-	S	N
* <i>Rubus canadensis</i> Linnaeus * smooth blackberry	11b	EST (ofe)	U	NL		N
* <i>Rubus flagellaris</i> Willdenow * northern dewberry	5	EST (ofe)	R	NL		N
* <i>Rubus hispidus</i> Linnaeus * bristly or running swamp blackberry	1	WSD (btp)	O	FACW	S	N
* <i>Rubus occidentalis</i> Linnaeus * black raspberry	5,10	EST (lsh,ofe,wde),WSD (bht,shk)	O	NL		N
* <i>Rubus odoratus</i> Linnaeus * flowering raspberry	7	EST (emb)	R	NL		N
* <i>Rubus</i> spp. Linnaeus * blackberry & dewberry	6,10	EST (swf),WSD (bht)	O	NL		N
* <i>Spiraea alba</i> Du Roi * narrow-leaf meadow-sweet	2,4,5	EST (emb)	R	FACW+	S	N

ORDER FABALES

Family Caesalpiniaceae (caesalpinias)

**Cercis canadensis* Linnaeus * eastern redbud

**Gleditsia triacanthos* Linnaeus * honey-locust

**Gymnocladus dioica* (Linnaeus) Koch *

Kentucky coffee-tree [= *G. canadensis* Lamarck]

Family Fabaceae [= Leguminosae] (peas)

**Amorpha fruticosa* Linnaeus * false indigo-bush

**Amphicarpaea bracteata* (Linnaeus) Fernald * American hog-peanut

**Apios americana* Medikus * American potato-bean, groundnut

**Astragalus canadensis* Linnaeus * Canada milkvetch

**Baptisia tinctoria* (Linnaeus) Brown * wild indigo

**Coronilla varia* Linnaeus * crown vetch

**Desmodium canadense* (Linnaeus) DeCandolle * showy tick-trefoil

**Desmodium canescens* (Linnaeus) DeCandolle * hoary tick-trefoil

**Desmodium ciliare* (Muhlenberg) DeCandolle * little-leaf tick-trefoil

**Desmodium glutinosum* (Muhlenberg) Wood * cluster-leaf tick-trefoil

**Desmodium laevigatum* (Nuttall) DeCandolle * smooth tick-trefoil

**Desmodium paniculatum* (Linnaeus) DeCandolle * panicled tick-trefoil

**Desmodium pauciflorum* (Nuttall) DeCandolle * few-flowered tick-trefoil

**Lathyrus latifolius* Linnaeus * everlasting pea

**Lathyrus tuberosus* Linnaeus * tuberous vetchling

**Lespedeza capitata* Michaux * round-head bush clover

**Lespedeza hirta* (Linnaeus) Hornemann * hairy bush clover

[= *L. polystachya* Michaux]

**Lespedeza virginica* (Linnaeus) Britton * Virginia bush clover

**Lotus corniculatus* Linnaeus * bird's-foot trefoil

**Lupinus perennis* Linnaeus * wild or sundial lupine

**Medicago lupulina* Linnaeus * black medick

**Melilotus albus* Medikus * white sweetclover [= *M. alba* M.]

**Melilotus officinalis* (Linnaeus) Lamarck * yellow sweetclover

**Robinia pseudoacacia* Linnaeus * black locust

**Strophostyles helvula* (Linnaeus) Elliott * trailing wildbean

**Trifolium campestre* Schreber * pinnate or lesser hop-clover

[= *T. procumbens* Linnaeus]

SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
5,10	EST (wde,wdw),WSD (bht)	O	FACU-	TS	N
10	WSD (btp)		FAC-	TS	N
1,5	EST (lsh),WSD (btp)	O	NL		N
7	EST (emb)	R	FACW	S	N
5,10	EST (lsh),WSD (bht)	R	FAC	APFV	N
6,10	EST (swf),WSD (bht)	U	FACW	PF	N
2,5	EST (bbh)	R	FAC	PF	N
1	WSD (mtp)	O	NL		N
10	WSD (bht,shk)		NL		A
2,4,5,10	EST (ofe,str),WSD (bht)	C	FAC	PF	N
11	EST (wde)	O	NL		N
1	WSD (bht,mtp)	O	NL		N
5,6	EST (swf)	U	NL		N
2,5	EST (emb)	C	NL		N
5,10	EST (wde),WSD (bht)	R	NL		N
8	WSD (chk,shk)	R	NL		N(P)
10	WSD (bht)		NL		A
10	WSD (bht)		NL		A
2,4,5,10	EST (rrp),WSD (bht)	O	FACU-	PF	N
1	WSD (bht,mtp)	A	NL		N
2,4,5	EST (emb,rrp)	R	NL		N
10	WSD (bht)		FACU-	PIF	A
1	WSD (mtp)	O	NL		N(P)
10,11b	EST (ofe),WSD (bht)		NL		A
2,4,5,10	EST (emb),WSD (bht)	O	FACU-	ABIF	A
2,4,5,10	EST (rrp),WSD (bht)	O	FACU-	ABIF	A
5,10	EST (lsh,str,wde,wdw),WSD (bht)	O	FACU-	T	Z
2,4,5,7,10	EST (bbh,emb),WSD (bht)	C	FACU-	AVF	N
9,10	WSD (bht)		NL		A

Family Fabaceae (continued)

- *Trifolium hybridum* Linnaeus * alsike clover
- *Trifolium pratense* Linnaeus * red clover
- *Trifolium repens* Linnaeus * white clover
- *Vicia cracca* Linnaeus * bird vetch
- *Vicia* sp. Linnaeus * vetch

ORDER PROTEALES

Family Elaeagnaceae (oleasters)

- *Elaeagnus angustifolia* Linnaeus * Russian olive
- *Elaeagnus umbellata* Thunberg * autumn-olive

ORDER HALORAGALES

Family Haloragaceae (water milfoils)

- *Myriophyllum spicatum* Linnaeus * Eurasian water-milfoil
- *Proserpinaca palustris* Linnaeus * marsh or common mermaid-weed

ORDER MYRTALES

Family Lythraceae (loosestrifes)

- *Decodon verticillatus* (Linnaeus) Elliott * hairy swamp-loosestrife
- *Lythrum alatum* Pursh * winged loosestrife
- *Lythrum salicaria* Linnaeus * purple loosestrife

Family Onagraceae (evening-primroses)

- *Circaea lutetiana* Linnaeus * common enchanter's nightshade
[= *C. quadrisulcata* (Maxlmowicz) Franchet & Savigny]
- *Epilobium ciliatum* Rafinesque * hairy or northern willow-herb
- *Epilobium ciliatum* Rafinesque ssp. *glandulosum* (Lehmann) Hoch & Raven * willow-herb [= *E. glandulosum* Lehmann]
- *Gaura biennis* Linnaeus * biennial butterfly-weed or gaura
- *Ludwigia alternifolia* Linnaeus * bushy seedbox
- *Ludwigia palustris* (Linnaeus) Elliott * marsh seedbox, water-purslane
- *Oenothera biennis* Linnaeus * common evening-primrose
- *Oenothera perennis* Linnaeus * small evening-primrose
[=? *O. pumila* L.]

Family Melastomataceae (deergrasses)

- *Rhexia virginica* Linnaeus * Virginia meadow-beauty, deergrass

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
	10,11a	WSD (bht,btp)		FACU-	PIF	A
	5,7,10	EST (ofe,ofw),WSD (bht,shk)	O	FACU-	BPIF	A
	7,10	EST (emb),WSD (bht,shk)	O	FACU-	PIF	A
	5	EST (ofw)	U	NL		A
	10	WSD (bht)				
	11b	EST (wde)	O	FACU	IST	A
	10	WSD (bht)		NL		A
	7	EST (cow)	O	OBL	PSbF	N
	5	EST (emb)	U	OBL	PESbF	N
	2,5,7	EST (emb,ofw)	O	OBL	PF	N
	5	EST (emb)	U	FACW+	PPw	N
	5,7	EST (emb)	R	FACW+	PIF	A
	5,6,7,10	EST (emb,swf,wde),WSD (bht)	R	FACU	PF	N
	7,10	EST (emb),WSD (bht)	R	FAC-	PF	N
	2,5	EST (emb)	O	FAC-	PF	N
	2,5	EST (emb)	O	FACU	BF	N
	10	WSD (bht,shk)		FACW+	PEF	N
	2,5-7	EST (bbh,swf)	O	OBL	PEF	N
	2,5,7,10	EST (bbh,emb),WSD (bht)	O	FACU-	BIF	N
	1	WSD (mtp)	U	FAC-	PF	N
	1,9	WSD (mtp)	O	OBL	PF	N(P)

ORDER CORNALES

Family Cornaceae (dogwoods)

- **Cornus alternifolia* Linné * alternate-leaf or pagoda dogwood
- **Cornus amomum* Miller * silky or knob-styled dogwood
- **Cornus drummondii* Meyer * rough-leaf dogwood
- **Cornus florida* Linnaeus * flowering dogwood
- **Cornus racemosa* Lamarck * gray dogwood
- **Cornus rugosa* Lamarck * round-leaved dogwood
- **Cornus sericea* Linnaeus * red-osier dogwood
[= *C. stolonifera* Michaux]
- **Nyssa sylvatica* Marshall * black gum

ORDER SANTALALES

Family Santalaceae (sandalwoods)

- **Comandra umbellata* (Linnaeus) Nuttall * umbellate bastard-toadflax

ORDER CELASTRALES

Family Celastraceae (staff-trees)

- **Celastrus scandens* Linnaeus * American bittersweet
- **Euonymus fortunei* (Turczaninow) Handel-Mazzetti *
bigleaf or Chinese wintercreeper
- **Euonymus* sp. Linnaeus * spindle-tree

Family Aquifoliaceae (hollies)

- **Ilex verticillata* (Linnaeus) Gray * common winterberry

ORDER EUPHORBIALES

Family Euphorbiaceae (spurges)

- **Acalypha virginica* Linnaeus var. *rhomboidea* (Rafinesque)
Cooperrider * three-seed mercury
[= *A. rhomboidea* Rafinesque]
- **Chamaesyce maculata* (Linnaeus) Small * spotted broomspurge,
prostrate spurge [= *Euphorbia maculata* Linnaeus]
- **Chamaesyce nutans* (Lagasca) Small * eyebane broomspurge,
upright spotted spurge [= *Euphorbia nutans* Lagasca]
- **Chamaesyce polygonifolia* (Linnaeus) Small * seaside broomspurge,
seaside spurge [= *Euphorbia polygonifolia* Linnaeus]
- **Euphorbia corollata* Linnaeus * flowering spurge

SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
10	WSD (bht)		NL		N
7,10	EST (emb),WSD (bht)	R	FACW	S	N
2,4,5,7,10	EST (emb,ofe),WSD (bht)	C	FAC	T	N
2,4-7,10	EST (str,swf,wde,wld),WSD (bht)	O	FACU-	T	N
6,10	EST (ofe,swf,wde),WSD (bht)	U	FAC	S	N
8	WSD (ftp)	R	NL		N(P)
1,5-7,9,10	EST (lsh,swf),WSD (bht,btp,htp,lsh)	R	FACW+	S	N
5,9,10	EST (wde),WSD (bht,btp)	U	FAC	T	N
2-5	EST (wde)	R	FACU-	PPsF	N
5,10	EST (rrp,wde),WSD (btp)	O	FACU-	SWv	N
5,10	EST (lsh),WSD (bht)	R	NL		A
10	WSD (bht)		NL		N
5,6	EST (swf)	U	FACW+	ST	N
2,4,5,10	EST (bbh),WSD (bht)	R	FACU-	AF	N
10	WSD (bht)		FACU-	AF	N
10	WSD (bht)		FACU-	AIF	N
5,7,8	EST (bbh)	R	FACU	AF	N(P)
2,4,5	EST (str,rrp)	O	NL		N

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
Family Euphorbiaceae (continued)						
* <i>Euphorbia cyparissias</i> Linnaeus * cypress spurge	9	WSD (bht)		NL		A
* <i>Euphorbia dentata</i> Michaux * toothed spurge	2,4,5	EST (rrp)	O	NL		N
ORDER RHAMNALES						
Family Rhamnaceae (buckthorns)						
* <i>Ceanothus americanus</i> Linnaeus * New Jersey tea	1,5	EST (rrp), WSD (mlp)	A	NL		N
* <i>Frangula alnus</i> Miller * glossy buckthorn [= <i>Rhamnus frangula</i> Linnaeus]	10	WSD (bht)		FAC	IS	A
* <i>Rhamnus cathartica</i> Linnaeus * European or common buckthorn	10	WSD (bht)		NL		A
Family Vitaceae (grapes)						
* <i>Parthenocissus quinquefolia</i> (Linnaeus) Planchon * Virginia or thicket creeper [= <i>P. inserta</i> (Kerner) Fritsch]	2,4-7,10	EST (ckb, ofe, wde), WSD (bht, shk)	O	FACU	Wv	N
* <i>Vitis aestivalis</i> Michaux * summer grape	5,10	EST (wde), WSD (bht)	U	FACU	Wv	N
* <i>Vitis labrusca</i> Linnaeus * northern fox grape	1	WSD (btp)	C	FACU	IWv	N(P)
* <i>Vitis riparia</i> Michaux * riverbank grape	2,4-7,10	EST (ckb, ofe, swf, wdl), WSD (bht)	R	FACW	Wv	N
* <i>Vitis vulpina</i> Linnaeus * frost or chicken grape [= <i>V. cordifolia</i> Michaux]	1,10	WSD (bht, btp)	C	FAC	Wv	N
ORDER LINALES						
Family Linaceae (flaxes)						
* <i>Linum virginianum</i> Linnaeus * Virginia flax	9	WSD (bht)		FACU	PF	N
ORDER POLYGALALES						
Family Polygalaceae (milkworts)						
* <i>Polygala sanguinea</i> Linnaeus * red milkwort	1	WSD (btp)	C	FACU	AF	N
* <i>Polygala verticillata</i> Linnaeus * whorled milkwort	2,4,5	EST (emb, rrp)	O	NL		N
ORDER SAPINDALES						
Family Staphyleaceae (bladder-nuts)						
* <i>Staphylea trifolia</i> Linnaeus * American bladdernut	6	EST (swf)	U	FAC	ST	N
Family Hippocastanaceae (horse-chestnuts)						
* <i>Aesculus glabra</i> Willdenow * Ohio buckeye	5,10	EST (lsh), WSD (bht)	U	FACU+	T	N
Family Aceraceae (maples)						
* <i>Acer negundo</i> Linnaeus var. <i>negundo</i> Linnaeus * box-elder [= <i>Negundo aceroides</i> (Linnaeus) Moench]	1,10	WSD (bht, shk)	O	FAC+	T	N
* <i>Acer nigrum</i> Michaux * black maple	9	WSD (bht)		FACU-	T	N
* <i>Acer palmatum</i> Thunberg * Japanese maple	5	EST (lsh)	R	NL		A
* <i>Acer platanoides</i> Linnaeus * Norway maple	5,10	EST (lsh), WSD (bht)	R	NL		A

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
Family Aceraceae (continued)						
* <i>Acer rubrum</i> Linnaeus * red maple	2,4-6,10	EST (emb,swf,wdl),WSD (bht)	C	FAC	T	N
* <i>Acer saccharinum</i> Linnaeus * silver maple	2,4-7,9,10	EST (swf,wde),WSD (bht,shk)	O	FACW	T	N
* <i>Acer saccharum</i> Marshall * sugar maple	5,6,10	EST (swf,wde),WSD (bht)	U	FACU-	T	N
Family Anacardiaceae (cashews)						
* <i>Rhus glabra</i> Linnaeus * smooth sumac	2,4,5,10	EST (rrp),WSD (bht)	C	NL		N
* <i>Rhus hirta</i> (Linnaeus) Sudworth * staghorn sumac [= <i>R. typhina</i> Linnaeus]	2,4,5,7,10	EST (bbh,str),WSD (bht)	C	NL		N
* <i>Toxicodendron radicans</i> (Linnaeus) Kuntze * poison ivy [= <i>Rhus radicans</i> Linnaeus]	2,4-6,10	EST (ofe,swf,wde),WSD (bht,shk)	A	FAC	WvS	N
Family Simaroubaceae (quassias)						
* <i>Ailanthus altissima</i> (Miller) Swingle * Chinese sumach [= <i>A. glandulosa</i> Desfontaines]	1,10	WSD (bht,btp)	R	NI	IT	A
Family Rutaceae (rues)						
* <i>Zanthoxylum americanum</i> Miller * common prickly-ash	10	WSD (bht)		NL		N
ORDER GERANIALES						
Family Oxalidaceae (wood sorrels)						
* <i>Oxalis stricta</i> Linnaeus * common yellow wood sorrel [= <i>O. europaea</i> Jordan]	2,4,5,7,10	EST (lsh,ofe),WSD (bht,shk)	O	NL		N
* <i>Oxalis violacea</i> Linnaeus * violet wood sorrel	1,5,9	EST (wde),WSD (btp,shk)	O	NL		N
Family Geraniaceae (geraniums)						
* <i>Erodium cicutarium</i> (Linnaeus) L'Héritier * redstem-filaree, storksbill	1	WSD (mtp)	O	NL		A
* <i>Geranium carolinianum</i> Linnaeus * Carolina crane's-bill	10	WSD (bht)		NL		N
* <i>Geranium maculatum</i> Linnaeus * purple crane's-bill, wild geranium	5,6,10	EST (swf,wde),WSD (bht,shk)	O	FACU	PF	N
* <i>Geranium pusillum</i> Linnaeus * small-flowered crane's-bill	10	WSD (bht)		NL		A
Family Limnanthaceae (meadow-foams)						
* <i>Floerkea proserpinacoides</i> Willdenow * false mermaid-weed	7,10	EST (emb),WSD (bht,shk)	R	FAC	AF	N
Family Balsaminaceae (jewelweeds)						
* <i>Impatiens capensis</i> Meerburgh * spotted touch-me-not, jewelweed	2,4-7,10	EST (emb,swf,wde),WSD (bht,shk)	C	FACW	AF	N
* <i>Impatiens pallida</i> Nuttall * pale touch-me-not	2,4,5,7,10	EST (emb),WSD (bht)	R	FACW	AF	N
ORDER APIALES [= UMBELLALES]						
Family Araliaceae (ginsengs)						
* <i>Panax quinquefolius</i> Linnaeus * American ginseng	10	WSD (btp)		NL		N
* <i>Panax trifolius</i> Linnaeus * dwarf ginseng	10	WSD (btp)		NL		N

Family Apiaceae [= Umbelliferae] (carrots)

- **Chaerophyllum procumbens* (Linnaeus) Crantz * spreading chervil
- **Cicuta maculata* Linnaeus * spotted water-hemlock
- **Cryptotaenia canadensis* (Linnaeus) DeCandolle * Canada honewort
- **Daucus carota* Linnaeus * wild carrot, Queen Anne's lace
- **Heracleum maximum* Bartram * cow-parsnip
- **Osmorhiza claytonii* (Michaux) Clarke * hairy or woolly sweetcicely
- **Osmorhiza longistylis* (Torrey) DeCandolle * smooth sweet cicely
- **Pastinaca sativa* Linnaeus * wild parsnip
- **Sanicula canadensis* Linnaeus * Canada sanicle or black snakeroot
- **Sium suave* Walter * hemlock water-parsnip
- **Taenidia integerrima* (Linnaeus) Drude * yellow pimpernel
- **Thaspium trifoliatum* (Linnaeus) Gray * smooth meadow-parsnip
- **Zizia aurea* (Linnaeus) Koch * golden alexanders

SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
10	WSD (bht,shk)		FACW	AF	N
2,4,5,7,10	EST (ckb),WSD (bht,shk)	R	OBL	PF	N
5,7,10	EST (wde),WSD (bht)	O	FAC	PF	N
2,4,5,7,10	EST (emb,ofe),WSD (bht,shk)	O	NL		A
10	WSD (bht)		FACU-	PF	N
5,10	EST (wde),WSD (bht,shk)	U	FACU-	PF	N
5,6,10	EST (swf),WSD (bht)	U	FACU	PF	N
10	WSD (btp)		NL		A
6,10	EST (swf),WSD (bht)	U	NL		N
5-7	EST (swf)	O	OBL	PEF	N
5,6	EST (swf)	U	NL		N
5	EST (ofe)	U	NL		N
9	WSD (btp)		FAC	PF	N

SUBCLASS ASTERIDAE

ORDER GENTIANALES [= CONTORTAE]

Family Gentianaceae (gentians)

- **Bartonia virginica* (Linnaeus) Britton, Sterns, & Poggenburg * yellow screwstem
- **Frasera caroliniensis* Walter * American columbo
[= *Swertia caroliniensis* (Walter) Kuntze]
- **Gentiana andrewsii* Grisebach * fringe-top bottle or closed gentian
- **Gentianella tenella* (Rottboell) Boerner * gentian
[= *Bartonia tenella* Muhlenberg]
- **Gentianopsis crinita* (Froelich) Ma * fringed gentian
[= *Gentiana crinita* Froelich]
- **Sabatia angularis* (Linnaeus) Pursh * square-stem rose-gentian

11a	WSD (btp)	U	FACW	AF	N
1,5	EST (str),WSD (btp)	U	NL		N
2,4,5	EST (ckb,str)	R	FACW	PF	N
1	WSD (mtp)	R	NL		N
1	WSD (mtp)	O	OBL	ABF	N(P)
1,5	EST (ofe),WSD (mtp)	U	FAC+	AF	N
2,4,5,8,10	EST (rrp,swf),WSD (bht,ftp,ttp)	O	FACU	PF	N(E)
10	WSD (bht)		NL		A
2,4-7,10	EST (emb,ofe,swf),WSD (shk)	O	OBL	PF	N
2,4	EST (rrp)	O	NL		N
2-5,10	EST (ofe,rrp),WSD (bht,shk)	O	NL		N
2,4,5,10	EST (owf,rrp),WSD (bht)	O	NL		N

Family Apocynaceae (dogbanes)

- **Apocynum cannabinum* Linnaeus * clasping-leaf dogbane, Indian hemp [= *A. sibiricum* Jacquin]
- **Vinca minor* Linnaeus * periwinkle

Family Asclepiadaceae (milkweeds)

- **Asclepias incarnata* Linnaeus * swamp milkweed
- **Asclepias sullivantii* Engelman * smooth milkweed
- **Asclepias syriaca* Linnaeus * common milkweed
- **Asclepias tuberosa* Linnaeus * butterfly-weed

ORDER SOLANALES

Family Solanaceae (nightshades)

- **Datura stramonium* Linnaeus * jimsonweed
- **Physalis heterophylla* Nees * clammy ground-cherry
- **Physalis* sp. Linnaeus * ground-cherry
- **Solanum carolinense* Linnaeus * horse-nettle
- **Solanum dulcamara* Linnaeus * climbing or bittersweet nightshade
- **Solanum ptychanthum* Dunal * black or common nightshade
[= *S. nigrum* Linnaeus misapplied]

Family Convolvulaceae (morning-glories)

- **Calystegia sepium* (Linnaeus) Brown * hedge bindweed
[= *Convolvulus sepium* Linnaeus]
- **Convolvulus arvensis* Linnaeus * field bindweed
- **Ipomoea pandurata* (Linnaeus) Meyer * wild sweet-potato vine
- **Ipomoea purpurea* (Linnaeus) Roth * common morning-glory

Family Cuscutaceae (dodders)

- **Cuscuta gronovii* Willdenow * common dodder
- **Cuscuta polygonorum* Engelman * smartweed dodder

Family Polemoniaceae (phloxes)

- **Phlox divaricata* Linnaeus * woodland or blue phlox
- **Phlox subulata* Linnaeus * ground phlox, moss-pink

Family Hydrophyllaceae (waterleaves)

- **Hydrophyllum virginianum* Linnaeus * Virginia waterleaf

ORDER LAMIALES

Family Boraginaceae (borages)

- **Buglossoides arvensis* (Linnaeus) Johnston * corn gromwell
[= *Lithospermum arvense* Linnaeus]
- **Cynoglossum officinale* Linnaeus * hound's-tongue
- **Hackelia virginiana* (Linnaeus) Johnston * Virginia stickseed
- **Mertensia virginica* (Linnaeus) Persoon * Virginia bluebells or cowslip
- **Symphytum officinale* Linnaeus * common comfrey

Family Verbenaceae (vervains)

- **Phryma leptostachya* Linnaeus * topseed
- **Verbena hastata* Linnaeus * blue vervain
- **Verbena x illicita* Moldenke * vervain
- **Verbena urticifolia* Linnaeus * white vervain

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
	5,10	EST (ofe,ofw), WSD (blp)	O	NL		Z
	10	WSD (bht)		NL		N
	10	WSD (bht)		NL		
	10	WSD (bht)		NL		Z
	2,4,5,7,10	EST (emb), WSD (bht)	C	FAC-	PIF	A
	2,4-7,10	EST (emb,swf), WSD (bht,shk)	O	FAC-	AIF	N
	2,4,5,7,10	EST (emb,ofe), WSD (bht,shk)	C	FAC-	PIF	N
	7,10	EST (emb), WSD (bht,shk)	O	NL		A
	10	WSD (bht)		FACU	PF	N
	10	WSD (bht)		NL		A
	5,10	EST (ckb), WSD (bht)	O	NL		N
	5	EST (ckb)	C	NL		N
	2,4,5,7,10	EST (emb), WSD (bht,shk)	O	FACU	PF	N
	1	WSD (blp,ssh)	C	NL		N
	2,4,5,10	EST (emb), WSD (bht,shk)	O	FAC	PF	N
	10	WSD (bht,shk)		NL		A
	10	WSD (bht)		NL		A
	9	WSD (shk)		FACU	BPF	N
	1,10	WSD (blp,shk)	U	FACW	PF	N
	5	EST (rrp)	R	NL		A
	2-5,10	EST (wde), WSD (bht)	R	NL		N
	2,4,5,7,10	EST (emb,ofe,ofw), WSD (bht)	C	FACW+	PF	N
	2,4,5	EST (emb)	R	NL		N
	5,10	EST (emb,ofe), WSD (bht)	U	FACU	APF	N

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
Family Lamiaceae [= Labiatae] (mints)						
* <i>Agastache nepetoides</i> (Linnaeus) Kuntze * yellow giant-hyssop	10	WSD (btp)		FACU	PF	N
* <i>Agastache scrophulariifolia</i> (Willdenow) Kuntze * purple giant-hyssop [=? <i>Lophanthus scrophulariifolius</i> Bentham]	1	WSD (mtp)	R	NL		N
* <i>Collinsonia canadensis</i> Linnaeus * Canada horse-balm	2,4,5	EST (rrp)	O	FAC+	PF	N
* <i>Glechoma hederacea</i> Linnaeus * ground ivy	10	WSD (bht)		FACU	PIF	A
* <i>Lamium amplexicaule</i> Linnaeus * henbit, dead nettle	10,11a	WSD (bht,btp,shk)		NL		A
* <i>Lamium purpureum</i> Linnaeus * purple or red dead nettle	2,4,5,10	EST (emb),WSD (bht)	C	NL		A
* <i>Leonurus cardiaca</i> Linnaeus * motherwort, lion's tail	10	WSD (bht,shk)		NL		A
* <i>Lycopus americanus</i> Muhlenberg * American bugleweed	2,4,5,7,10	EST (bbh,emb),WSD (bht)	O	OBL	PF	N
* <i>Lycopus europaeus</i> Linnaeus * European bugleweed	2,5,7	EST (bbh)	O	OBL	PIF	A
* <i>Lycopus rubellus</i> Moench * taper-leaf bugleweed	9	WSD (ftp)		OBL	PEF	N
* <i>Lycopus x sherardii</i> Steele * water horehound	2,4,5	EST (ofw)	R	NL		N
* <i>Lycopus uniflorus</i> Michaux * northern bugleweed, water horehound	2,4,5,7	EST (emb)	O	OBL	PF	N
* <i>Lycopus virginicus</i> Linnaeus * Virginia bugleweed	5,10	EST (ofw),WSD (shk)	R	OBL	PF	N
* <i>Mentha arvensis</i> Linnaeus * field mint [= <i>M. gentilis</i> L.]	2,4,5,7,9,10	EST (emb),WSD (bht)	C	FACW	PF	N
* <i>Mentha x gracilis</i> Sole * small-leaf mint [= <i>M. x cardiaca</i> Baker]	2,4,5	EST (emb)	R	FACW	PIF	A
* <i>Mentha spicata</i> Linnaeus * spearmint	10	WSD (bht,shk)		FACW+	PIF	A
* <i>Monarda fistulosa</i> Linnaeus * wild bergamot	2,4,5,9,10	EST (str),WSD (bht,ckb)	O	NL		N
* <i>Nepeta cataria</i> Linnaeus * catnip	2,4,5,7,10	EST (emb),WSD (bht,shk)	O	FACU	PIF	A
* <i>Prunella vulgaris</i> Linnaeus * heal-all, self-heal	2,4,5,7,10	EST (emb,ofe),WSD (bht)	O	FACU+	PIF	A
* <i>Pycnanthemum virginianum</i> (Linnaeus) Durand & Jackson * Virginia mountain-mint	5	EST (rrp)	R	FAC	PF	N
* <i>Scutellaria galericulata</i> Linnaeus * hooded or marsh skullcap [= <i>S. epilobifolia</i> Hamilton]	2,4-7	EST (emb,swf)	O	OBL	PF	N
* <i>Scutellaria lateriflora</i> Linnaeus * blue or mad-dog skullcap	2,4,5,7,10	EST (bbh,ofw),WSD (bht,btp)	C	FACW+	PF	N
* <i>Stachys tenuifolia</i> Willdenow * smooth or common hedgenettle [= <i>S. t. var. hispida</i> (Pursh) Fernald; <i>S. hispida</i> Pursh]	1,2,4,5,7,9,10	EST (ofw),WSD (bht,btp,ckb)	R	FACW+	PF	N
* <i>Teucrium canadense</i> Linnaeus * American germander	2,4,5,7	EST (emb)	R	FACW-	PEF	N
* <i>Teucrium canadense</i> Linnaeus var. <i>virginicum</i> (Linnaeus) Eaton * germander	9	WSD (bht)		FACW-	PEF	N
ORDER CALLITRICHALES						
Family Callitrichaceae (water-starworts)						
* <i>Callitriche heterophylla</i> Pursh * larger water-starwort	1,9	WSD (btp)	R	OBL	PISbFIF	A

ORDER PLANTAGINALES

Family Plantaginaceae (plantains)

- **Plantago lanceolata* Linnaeus * English plantain
- **Plantago major* Linnaeus * common plantain
- **Plantago rugelii* Decaisne * black-seed or Rugel's plantain

ORDER SCROPHULARIALES

Family Oleaceae (olives)

- **Fraxinus americana* Linnaeus * white ash
- **Fraxinus pennsylvanica* Marshall * green ash
[= *F. p.* Marshall var. *subintegerrima* (Vahl) Fernald]
- **Ligustrum vulgare* Linnaeus * common or European privet

Family Scrophulariaceae (figworts)

- **Agalinis tenuifolia* (Vahl) Rafinesque * slender false-foxglove or gerardia
- **Antirrhinum majus* Linnaeus * common snapdragon
- **Aureolaria flava* (Linnaeus) Farwell * smooth false-foxglove
- **Chaenorhinum minus* (Linnaeus) Lange * lesser toadflax
- **Chelone glabra* Linnaeus * white turtlehead
- **Gratiola neglecta* Torrey * clammy hedgehyssop
- **Linaria vulgaris* Miller * butter-and-eggs
- **Lindernia dubia* (Linnaeus) Pennell * yellow-seed false-pimpernel
- **Mimulus alatus* Aiton * sharp-wing monkey-flower
- **Mimulus ringens* Linnaeus * Allegheny or common monkey-flower
- **Pedicularis lanceolata* Michaux * swamp lousewort
- **Penstemon hirsutus* (Linnaeus) Willdenow * hairy beardtongue
- **Scrophularia lanceolata* Pursh * lance-leaf or American figwort
- **Scrophularia marilandica* Linnaeus * carpenter's square, Maryland figwort
- **Verbascum blattaria* Linnaeus * moth mullein
- **Verbascum thapsus* Linnaeus * common or woolly mullein
- **Veronica anagallis-aquatica* Linnaeus * water speedwell
[= *V. anagallis* L.]
- **Veronica arvensis* Linnaeus * corn speedwell
- **Veronica officinalis* Linnaeus * common speedwell

SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
10	WSD (bht,shk)		NL		A
2,4,5,10	EST (bbh,ofe),WSD (bht,shk)	R	FACU	PIF	A
10	WSD (bht,shk)		FACU	PF	N
2,4-6,9,10	EST (swf,wde),WSD (bht)	O	FACU	T	N
5,6	EST (ofe,swf)	U	FACW	T	N
5,7,10	EST (emb,lsh,wde),WSD (bht)	O	FACU	IS	A
10	WSD (blp)		FAC	AF	N
2,4,5	EST (lag)	R	NL		A
9	WSD (ckb,mtp)		NL		N
2,4,5	EST (lag)	O	NL		A
2,4,5,10	EST (ckb),WSD (bht)	O	OBL	PF	N
10	WSD (blp)		OBL	AEF	N
2,4,5	EST (rrp)	R	NL		A
2,4,5,7	EST (bbh)	O	OBL	AF	N
7,10	EST (emb),WSD (bht,blp)	R	OBL	PF	N
2,4-7,10	EST (emb,swf),WSD (bht)	O	OBL	PF	N
5,10	EST (emb,lsh),WSD (shk)	O	FACW	PF	N
5	EST (wde)	U	NL		N
5,6	EST (ofe,swf,wde)	O	FACU+	PF	N
10	WSD (bht,shk)		FACU-	PF	N
10	WSD (bht)		NL		A
2,4,5,7,10	EST (ofw),WSD (bht,shk)	O	NL		A
1	WSD (blp)	O	OBL	BPEF	N
5,10	EST (lsh,ofe),WSD (bht,shk)	O	NI	AIF	A
10	WSD (bht)		FACU-	PIF	A

Family Scrophulariaceae (continued)

- **Veronica peregrina* Linnaeus * purslane speedwell
- **Veronica polita* Fries * slender speedwell
- **Veronica serpyllifolia* Linnaeus * thyme-leaf speedwell
- **Veronicastrum virginicum* (Linnaeus) Farwell * Culver's-root

Family Orobanchaceae (broom-rapes)

- **Epifagus virginiana* (Linnaeus) Barton * beech-drops

Family Bignoniaceae (bignonias)

- **Campsis radicans* (Linnaeus) Seemann * trumpet creeper
- **Catalpa bignonioides* Walter * southern catalpa
- **Catalpa speciosa* (Warder) Warder * northern catalpa

ORDER CAMPANULALES

Family Campanulaceae (bluebells)

- **Lobelia cardinalis* Linnaeus * cardinal flower
- **Lobelia inflata* Linnaeus * Indian-tobacco
- **Lobelia siphilitica* Linnaeus * great blue lobelia
- **Triodanis perfoliata* (Linnaeus) Nieuwland *
claspingleaf Venus'-looking-glass
[= *Specularia perfoliata* (Linnaeus) DeCandolle]

ORDER RUBIALES

Family Rubiaceae (madders)

- **Cephalanthus occidentalis* Linnaeus * common buttonbush
- **Galium aparine* Linnaeus * catchweed bedstraw, cleavers
- **Galium asprellum* Michaux * rough bedstraw
- **Galium circaezans* Michaux * forest bedstraw
- **Galium lanceolatum* Torrey * wild licorice
- **Galium mollugo* Linnaeus * wild madder
- **Galium obtusum* Bigelow * blunt-leaf bedstraw
- **Galium tinctorium* (Linnaeus) Scopoli * stiff marsh bedstraw
- **Galium trifidum* Linnaeus * small bedstraw
- **Galium triflorum* Michaux * sweet-scent bedstraw
- **Houstonia caerulea* Linnaeus * innocence, bluets
[= *Hedyotis caerulea* (Linnaeus) Hooker]
- **Mitchella repens* Linnaeus * partridge-berry

SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
10	WSD (bht,shk)		FACU-	AEF	N
10	WSD (bht)		NL		A
7,10	EST (emb),WSD (bht)	O	FAC+	PIF	A
2,4,5	EST (rrp)	O	FACU	PF	N
1,10	WSD (bht,btp)	A	NL		N
5,7,10	EST (lsh),WSD (bht)	U	FAC	Wv	Z
2,4,5	EST (str)	R	NL		C
10	WSD (bht)		FAC	T	Z
5,7	EST (emb,wde)	R	FACW+	PF	N
5,10	EST (wde),WSD (bht)	U	FACU	AF	N
2,4,5,7,10	EST (str),WSD (bht)	O	FACW+	PF	N
5,10	EST (ofe),WSD (bht,shk)	U	FAC	AF	N
2,4-7,10	EST (str,swf),WSD (shk)	C	OBL	T	N
5-7,10	EST (swf,wde),WSD (bht,shk)	R	FACU	AF	N
5,6	EST (swf,wde)	U	OBL	PF	N
5,6,10	EST (swf),WSD (btp)	U	NL		N
1,9	WSD (bht,ckb)	R	NL		N
10	WSD (bht)		NL		A
10	WSD (btp)		FACW+	PF	N
2,4,5	EST (emb)	C	OBL	PF	N
9	WSD (btp)		FACW+	PF	N
5,10	EST (lsh),WSD (bht)	R	FACU	PF	N
1,5,10	EST (wde),WSD (bht,mtp)	A	FACU	PF	N
1,9,10	WSD (bht,btp,ckb)	A	FACU	PF	N

ORDER DIPSACALES

Family Caprifoliaceae (honeysuckles)

- **Lonicera dioica* Linnaeus var. *dioica* Linnaeus *
mountain honeysuckle
- **Lonicera dioica* Linnaeus var. *glaucescens* (Rydberg) Butters *
wild honeysuckle
- **Lonicera japonica* Thunberg * Japanese honeysuckle
- **Lonicera maackii* (Ruprecht) Herder * amur honeysuckle
- **Lonicera tatarica* Linnaeus * tartarian or bush honeysuckle
- **Sambucus nigra* Linnaeus ssp. *canadensis* (Linnaeus) Bolli *
American elder, common elderberry [= *S. canadensis* Linnaeus]
- **Sambucus racemosa* Linnaeus * European red elder
- **Triosteum perfoliatum* Linnaeus * linker's weed,
perfoliate horse-gentian
- **Viburnum acerifolium* Linnaeus * maple-leaf viburnum, dockmackie
- **Viburnum dentatum* Linnaeus * arrow-wood
- **Viburnum dentatum* Linnaeus var. *lucidum* Aiton *
southern arrow-wood [= *V. recognitum* Fernald]
- **Viburnum lentago* Linnaeus * nannyberry
- **Viburnum opulus* Linnaeus * guelder rose, Euro cranberry
- **Viburnum prunifolium* Linnaeus * black-haw
- **Viburnum* sp. Linnaeus * viburnum

Family Valerianaceae (valerians)

- **Valerianella locusta* (Linnaeus) Latterell * European cornsalad
[= *V. olitoria* Pollich]
- **Valerianella radiata* (Linnaeus) Dufresne * beaked cornsalad
- **Valerianella umbilicata* (Sullivant) Wood * navel-shape cornsalad
- **Valerianella woodsiana* (Torrey & Gray) Walpers * Woods' cornsalad

Family Dipsacaceae (teasels)

- **Dipsacus fullonum* Linnaeus ssp. *sylvestris* (Hudson) Clapham *
teasel [= *D. sylvestris* Hudson]

ORDER ASTERALES

Family Asteraceae [= Compositae] (composites)

- **Achillea millefolium* Linnaeus * common yarrow
- **Ageratina altissima* (Linnaeus) King & Robinson * white snakeroot
[= *Eupatorium rugosum* Houttuyn; *E. ageratoides* Linnaeus]

SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
5	EST (wde)	U	FACU	Wv	N
5	EST (wde)	U	FACU	Wv	N
2,4,5,7,10	EST (ckb,lsh,str,wde),WSD (bht)	O	FAC-	SWv	N
10	WSD (bht)		NL		A
10	WSD (bht)		FACU	IS	A
2,4-6,10	EST (str,swf),WSD (bht,shk)	O	FACW-	S	N
1	WSD (mtp)	U	FACU	S	N
5,6,10	EST (swf),WSD (bht)	U	NL		N
1,2,4-7,9,10	EST (swf,wdw),WSD (bht,btp,shk)	A	NL		N
1,9	WSD (btp)	O	FAC	TS	N
5,6,10	EST (swf),WSD (btp)	U	FACW-	S	N
5,10	EST (ofe,wde),WSD (bht)	U	FAC	TS	N
5,10	EST (ofe,wde),WSD (bht,btp)	U	NL		A
2,4-6	EST (swf,wde)	O	FACU	TS	N
10	WSD (bht)		NL		C?
1	WSD (shk)	R	NL		A
1,2,5	EST (ckb),WSD (shk)	O	FAC	AF	N
4	EST (ckb)	U	FAC	AF	N
1	WSD (btp)	O	FACU	AF	N
5,10	EST (ofe,ofw),WSD (bht)	O	NI	BIF	A
2,4,5,7,10	EST (emb,ofe),WSD (bht,shk)	O	FACU	PF	N
1,2,4-6,9,10	EST (str,swf),WSD (bht,btp)	C	FACU-		N

Family Asteraceae (continued)

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
* <i>Ambrosia artemisiifolia</i> Linnaeus * annual or common ragweed	2,4,5,10	EST (bbh,ofe), WSD (bht,shk)	C	FACU	AF	N
* <i>Ambrosia trifida</i> Linnaeus * great or giant ragweed	2,4,5,10	EST (emb), WSD (bht,shk)	C	FAC	AF	N
* <i>Antennaria neglecta</i> Greene * field pussytoes	9	WSD (bht,ofd)		NL		N
* <i>Antennaria parlinii</i> Fernald * Parlin's everlasting pusseytoes	10	WSD (bht)		NL		N
* <i>Antennaria plantaginifolia</i> (Linnaeus) Richardson * plantain pussytoes	2,4,5,7	EST (emb,wde)	O	NL		N
* <i>Arctium minus</i> Bernhaldi * common burdock	2,4,5,10	EST (emb,wde), WSD (bht,shk)	O	NL		A
* <i>Arnoglossum atriplicifolium</i> (Linnaeus) Robinson * pale Indian-plantain [= <i>Cacalia atriplicifolia</i> Linnaeus]	2,4,5	EST (rrp)	O	NL		N
* <i>Artemisia campestris</i> Linnaeus * beach wormwood	8	EST (bbh)	R	NL		N(T)
* <i>Artemisia campestris</i> Linnaeus ssp. <i>caudata</i> (Michaux) Hall & Clements * wormwood [= <i>A. caudata</i> Michaux]	5	EST (fsh)	R	NL		N
* <i>Artemisia vulgaris</i> Linnaeus * mugwort	9,10	WSD (bht,ofd)		NL		A
* <i>Aster boreaus</i> (Torrey & Gray) Prov * rush aster [= <i>A. junciformis</i> Rydberg]	10	WSD (bht)		OBL	PF	N
* <i>Aster cordifolius</i> Linnaeus * common blue heart-leaved aster	5,6,10	EST (ofe), WSD (bht)	U	NL		N
* <i>Aster cordifolius</i> Linnaeus var. <i>sagittifolius</i> (Wedemeyer) Jones * arrow-leaved aster [= <i>A. sagittifolius</i> Wedemeyer]	2,4-6,10	EST (emb,swf), WSD (btp)	R	NL		N
* <i>Aster dumosus</i> Linnaeus * bush aster	5,8	EST (rrp,wde)	R	FAC	PF	N(T)
* <i>Aster ericoides</i> Linnaeus * white heath aster	5	EST (ode,ofw)	U	FACU	PF	N
* <i>Aster laevis</i> Linnaeus * smooth aster	2,4,5	EST (str)	O	NL		N
* <i>Aster lanceolatus</i> Willdenow * paniced aster [= <i>A. paniculatus</i> Lamarck; <i>A. simplex</i> Willdenow]	5,7,10	EST (emb), WSD (bht,btp)	R	FACW	PF	N
* <i>Aster lateriflorus</i> (Linnaeus) Britton * calico aster [= <i>A. vimineus</i> Lamarck]	5,10	EST (ofe), WSD (btp)	U	FACW-	PF	N
* <i>Aster longifolius</i> Lamarck * New York aster [= <i>A. junceus</i> Aiton]	1	WSD (mtp)	U	FACW+	PF	N
* <i>Aster macrophyllus</i> Linnaeus * big-leaf aster	9	WSD (btp)		NL		N
* <i>Aster novae-angliae</i> Linnaeus * New England aster	2,5,10	EST (ofe,rrp), WSD (bht)	O	FACW-	PF	N
* <i>Aster oolentangiensis</i> Riddell * prairie heart-leaved aster [= <i>A. azureus</i> Lindley]	2,4,5	EST (rrp)	O	NL		N
* <i>Aster pilosus</i> Willdenow * awl aster	10	WSD (bht)		NL		N
* <i>Aster pilosus</i> Willdenow var. <i>demotus</i> Blake * coastal-plain aster [= <i>A. racemosus</i> Elliott]	11a	EST (ofe), WSD (btp)	U	FACW-	PF	N
* <i>Aster praealtus</i> Polret * willow-leaf aster	2,4,5	EST (emb)	O	FACW	PF	N
* <i>Aster prenanthoides</i> Muhlenberg * crooked-stem aster	1,9	WSD (bht,btp)	O	FAC	PF	N
* <i>Aster shortii</i> Lindley * midwestern blue heart-leaved aster	2,4,5	EST (emb,str)	O	NL		N

Family Asteraceae (continued)

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
• <i>Aster undulatus</i> Linnaeus * clasping heart-leaved aster	2,4,5	EST (rrp)	O	NL		N
• <i>Aster</i> sp. Linnaeus * aster	6	EST (swf,wde)	O	NL		
• <i>Bidens cernua</i> Linnaeus * nodding beggar-ticks or bur-marigold	2,4-7,10	EST (bbh,emb,swf),WSD (bht)	C	OBL	AIF	N
• <i>Bidens connata</i> Muhlenberg * purple-stem beggar-ticks	2,4,5,7	EST (bbh)	O	FACW+	AF	N
• <i>Bidens frondosa</i> Linnaeus * devil's beggar-ticks	2,4,5,10	EST (bbh),WSD (bht)	C	FACW	AF	N
• <i>Bidens laevis</i> (Linnaeus) Britton, Sterns, & Poggenburg * smooth beggar-ticks, tickseed	6,7	EST (swf)	O	OBL	PF	N
• <i>Bidens vulgata</i> Greene * tall beggar-ticks	10	WSD (bht)		FACW	AF	N
• <i>Cichorium intybus</i> Linnaeus * chicory	2,4,5,10	EST (emb),WSD (bht,shk)	O	NL		A
• <i>Cirsium arvense</i> (Linnaeus) Scopoli * creeping thistle	2,4,5,10	EST (emb,ofe),WSD (bht,shk)	O	FACU	PIF	A
• <i>Cirsium muticum</i> Michaux * swamp thistle	10,11a	WSD (bht,btp)		OBL	BF	N
• <i>Cirsium vulgare</i> (Savi) Tenore * bull thistle	5,10	EST (ofe,rrp,wde),WSD (bht)	O	FACU-	BIF	A
• <i>Conyza canadensis</i> (Linnaeus) Cronquist * horseweed [= <i>Erigeron canadensis</i> Linnaeus]	5,10	EST (lsh,rrp),WSD (bht)	U	NL		N
• <i>Coreopsis tripteris</i> Linnaeus * tall tickseed	5,10	EST (rrp),WSD (bht,btp)	U	FAC	PF	N
• <i>Eclipta prostrata</i> (Linnaeus) Linnaeus * yerba de tajo, pie-plate-plant [= <i>E. alba</i> (Linnaeus) Hasskarl]	2,4,5,7	EST (bbh)	O	FAC	AF	N
• <i>Erechtites hieraciifolia</i> (Linnaeus) Rafinesque * American burn, pilewort	10	WSD (bht)		FACU	AF	N
• <i>Erigeron annuus</i> (Linnaeus) Persoon * white-top fleabane	5,10	EST (ofe),WSD (shk)	U	FACU	AF	N
• <i>Erigeron philadelphicus</i> Linnaeus * Philadelphia or daisy fleabane	2,4,5,7,10	EST (emb),WSD (bht,shk)	O	FACU	BF	N
• <i>Erigeron strigosus</i> Muhlenberg * prairie fleabane	2,4,5,10	EST (emb,wde),WSD (bht)	R	FACU+	AF	N
• <i>Eupatorium altissimum</i> Linnaeus * tall eupatorium	4	EST (swf)	U	FACU-		N
• <i>Eupatorium maculatum</i> Linnaeus * spotted joe-pye-weed	5,10	EST (ckb),WSD (shk)	U	FACW	PF	N
• <i>Eupatorium perfoliatum</i> Linnaeus * common boneset	2,5-7,10	EST (emb,swf),WSD (bht)	O	FACW+	PF	N
• <i>Eupatorium pilosum</i> Walter * hairy thoroughwort	5	EST (emb)	U	FACW	PF	N
• <i>Eupatorium purpureum</i> Linnaeus * sweet Joe-pye-weed	10	WSD (bht)		FAC	PF	N
• <i>Euthamia graminifolia</i> (Linnaeus) Nuttall * flat-top fragrant-golden-rod	10,11a	EST (lsh),WSD (bht,shk)	R	FAC	PF	N
• <i>Euthamia tenuifolia</i> (Pursh) Nuttall * narrow-leaf fragrant-golden-rod [= <i>Solidago tenuifolia</i> Pursh]	5	EST (lsh)	R	FAC	PF	N
• <i>Galinsoga parviflora</i> Cavanilles * lesser quickweed or galinsoga	2,4,5,9	EST (bbh),WSD (bht,ofd)	R	NL		A
• <i>Galinsoga quadriradiata</i> Ruiz & Pavón * common quickweed or galinsoga	10,11a	WSD (bht,btp)		NL		A
• <i>Helenium autumnale</i> Linnaeus * common sneezeweed	5	EST (emb)	U	FACW+	PF	N

Family Asteraceae (continued)

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
* <i>Helianthus annuus</i> Linnaeus * common or garden sunflower	10	WSD (bht)		FAC-	AF	C
* <i>Helianthus divaricatus</i> Linnaeus * divaricate sunflower	5	EST (rrp)	R	NL		N
* <i>Helianthus hirsutus</i> Rafinesque * hairy sunflower	5	EST (ofw,wdw)	O	NL		N
* <i>Helianthus strumosus</i> Linnaeus * rough-leaved sunflower	5	EST (ofw,wdw)	O	NL		N
* <i>Helianthus tuberosus</i> Linnaeus * Jerusalem artichoke	2,4,5,10	EST (ofw,rrp), WSD (bht)	O	FAC	PF	N
* <i>Helopsis helianthoides</i> (Linnaeus) Sweet * ox-eye, sunflower-everlasting	5,7	EST (ofw,rrp)	O	NL		N
* <i>Hieracium aurantiacum</i> Linnaeus * orange-red king-devil or hawkweed	5,10	EST (ofe), WSD (bht)	U	NL		A
* <i>Hieracium caespitosum</i> Dumortier * yellow king-devil, field hawkweed [= <i>H. pratense</i> Tausch]	5,10	EST (ofe), WSD (bht)	U	NL		A
* <i>Hieracium x floribundum</i> Wimmer & Grabowski * smoothish hawkweed	10	WSD (bht)		NL		A
* <i>Hieracium paniculatum</i> Linnaeus * panicled hawkweed	1,9	WSD (bht)	O	NL		N
* <i>Hieracium pilosella</i> Linnaeus * mouse-ear hawkweed	10	WSD (bht)		NL		A
* <i>Hieracium venosum</i> Linnaeus * velvety hawkweed	2,4,5	EST (emb)	O	NL		N
* <i>Krigia biflora</i> (Walter) Blake * two-flower dwarf-dandelion, Cynthia	5	EST (ofe)	U	FACU	PF	N
* <i>Lactuca biennis</i> (Moench) Fernald * biennial or tall blue lettuce	10	WSD (bht)		FACU	ABF	N
* <i>Lactuca canadensis</i> Linnaeus * tall yellow or wild lettuce	2,4-6,10	EST (ofe,rrp,swf), WSD (bht)	O	FACU-	ABF	N
* <i>Lactuca floridana</i> (Linnaeus) Gaertner * woodland lettuce	2,5	EST (lag)	R	FACU-	ABF	N
* <i>Lactuca serriola</i> Linnaeus * prickly lettuce	10	WSD (bht)		FAC-	ABIF	A
* <i>Leucanthemum vulgare</i> Lamarck * oxeye daisy [= <i>Chrysanthemum leucanthemum</i> Linnaeus]	10	WSD (bht)		NL		A
* <i>Liatris spicata</i> (Linnaeus) Willdenow * spiked gayfeather, blazing star	1,5	EST (wde), WSD (mtp)	A	FAC+	PF	N
* <i>Matricaria discoidea</i> DeCandolle * pineapple-weed	10	WSD (bht)		NL		Z
* <i>Oligoneuron ohioense</i> (Riddell) Nesom * Ohio golden-rod [= <i>Solidago ohioensis</i> Riddell]	7	EST (emb)	R	OBL	PF	N(P)
* <i>Picris hieracioides</i> Linnaeus * hawkweed oxtongue, bitterweed	10	WSD (bht)		NL		A
* <i>Prenanthes alba</i> Linnaeus * white rattlesnake-root or lettuce	5,10	EST (wde), WSD (bht)	U	FACU	PF	N
* <i>Prenanthes serpentaria</i> Pursh * lion's foot	11b	EST (wde)	U	NL		N
* <i>Rudbeckia fulgida</i> Aiton * orange coneflower	2,4,5	EST (emb)	R	FAC	PF	N
* <i>Rudbeckia hirta</i> Linnaeus * black-eyed Susan	5,10	EST (ofe,rrp), WSD (btp)	O	FACU-	BPF	N
* <i>Rudbeckia laciniata</i> Linnaeus * cut-leaf or greenheaded coneflower	5,7,10	EST (emb), WSD (bht,shk)	R	FACW	PF	N
* <i>Senecio aureus</i> Linnaeus * golden ragwort	5,7,9,10	EST (emb), WSD (bht,shk)	R	FACW	PF	N
* <i>Senecio glabellus</i> Poiret * grass-leaf groundsel	2,4	EST (emb)	O	OBL	AF	N

Family Asteraceae (continued)

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
* <i>Senecio obovatus</i> Muhlenberg *round-leaf groundsel [= <i>S. rotundus</i> (Britton) Small]	5,6,10	EST (swf,wde),WSD (btp)	U	FACU-	PF	N
* <i>Senecio vulgaris</i> Linnaeus *common groundsel	10	WSD (bht)		FACU	AIF	A
* <i>Silphium perfoliatum</i> Linnaeus *cup-plant	10	WSD (btp)		FACU	PF	N
* <i>Silphium trifoliatum</i> Linnaeus *whorled rosinweed	2,4,5,10	EST (rrp),WSD (btp)	C	NL		N
* <i>Solidago caesia</i> Linnaeus *wreath golden-rod	5,6,10	EST (swf),WSD (bht,shk)	U	FACU	PF	N
* <i>Solidago canadensis</i> Linnaeus *Canada golden-rod	2,4-6,10	EST (emb,ofe,swf),WSD (bht)	C	FACU	PF	N
* <i>Solidago flexicaulis</i> Linnaeus *zigzag golden-rod [= <i>S. latifolia</i> L.]	1,9,10	WSD (bht,btp)	U	FACU	PF	N
* <i>Solidago gigantea</i> Aiton *giant golden-rod	5	EST (emb)	U	FACW	PF	N
* <i>Solidago juncea</i> Aiton *early golden-rod	5	EST (ofe,rrp)	U	NL		N
* <i>Solidago nemoralis</i> Aiton *gray golden-rod	10	WSD (btp)		NL		N
* <i>Solidago patula</i> Muhlenberg *rough-leaf golden-rod	10	WSD (bht)		OBL	PF	N
* <i>Solidago rugosa</i> Miller *wrinkled golden-rod	1,2,4,5	EST (str),WSD (mtp)	O	FAC	PF	N
* <i>Solidago speciosa</i> Nuttall *showy golden-rod	2,4,5	EST (slr)	O	NL		N
* <i>Solidago ulmifolia</i> Muhlenberg *elm-leaved golden-rod	6	EST (swf)	U	NL		N
* <i>Sonchus arvensis</i> Linnaeus *field sowthistle	10	WSD (bht)		NL		A
* <i>Sonchus asper</i> (Linnaeus) Hill *prickly sowthistle	7,10	EST (emb),WSD (bht)	U	FAC	AIF	A
* <i>Sonchus oleraceus</i> Linnaeus *common sowthistle	10	WSD (bht)		NL		A
* <i>Taraxacum officinale</i> Weber *common dandelion	2,4-6,10	EST (emb,ofe,swf),WSD (bht)	A	FACU-	PIF	A
* <i>Tragopogon porrifolius</i> Linnaeus *salsify	10	WSD (bht)		NL		A
* <i>Tragopogon pratensis</i> Linnaeus *goats-beard	10	WSD (bht,shk)		NL		A
* <i>Tussilago farfara</i> Linnaeus *colts-foot	10	WSD (bht)		FACU	PIF	A
* <i>Verbesina alternifolia</i> (Linnaeus) Britton *wingstem [= <i>Actinomeris alternifolia</i> (Linnaeus) DeCandolle]	5-7,10	EST (ckb,swf,wde),WSD (bht,shk)	O	FAC	PF	N
* <i>Verbesina occidentalis</i> (Linnaeus) Walter * southern flatseed-sunflower, yellow crownbeard [= <i>Actinomeris occidentalis</i> Linnaeus]	6	EST (swf)	U	NL		N(E)
* <i>Vernonia gigantea</i> (Walter) Trelease *tall ironweed [= <i>V. altissima</i> Nuttall]	2,4,5,10	EST (emb),WSD (bht,shk)	O	FAC	PF	N
* <i>Xanthium strumarium</i> Linnaeus *rough cockle-bur	2,4,5,7,10	EST (bbh),WSD (bht)	O	FAC	AF	N

CLASS LILIOPSIDA (monocotyledons)
SUBCLASS ALISMATIDAE [= HELOBIEAE]

ORDER ALISMATALES

Family Butomaceae (flowering rushes)

**Butomus umbellatus* Linnaeus * flowering-rush

Family Alismataceae (water-plantains)

**Allisma subcordatum* Rafinesque * subcordate water-plantain

**Allisma triviale* Pursh * broad-leaf water-plantain

[= *A. plantago-aquatica* Linnaeus var. *americanum* Schultes]

**Sagittaria latifolia* Willdenow * broad-leaf arrow-head

ORDER HYDROCHARITALES

Family Hydrocharitaceae (frog's-bites)

**Elodea canadensis* Michaux * broad water-weed

ORDER NAJADALES

Family Potamogetonaceae (pondweeds)

**Potamogeton crispus* Linnaeus * curly pondweed

**Potamogeton foliosus* Rafinesque * leafy pondweed

**Potamogeton nodosus* Poiret * long-leaf pondweed

**Potamogeton pectinatus* Linnaeus * sago pondweed

SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
2,4,5	EST (lag)	R	OBL	PIEF	A
5-7	EST (swf)	R	OBL	PEF	N
5,7	EST (emb)	O	OBL	PEF	N(T)
2,4-7,10	EST (bbh,swf), WSD (bht)	C	OBL	PEF	N
7,11	EST (eow), WSD (btt)	R	OBL	PSbF	N
7	EST (eow)	R	OBL	PISbF	A
7	EST (eow)	R	OBL	PSbF	N
2,4,5,7	EST (eow)	R	OBL	PFIF	N
2,4,5,7	EST (eow)	O	OBL	PSbF	N

SUBCLASS ARECIDAE

ORDER ARALES

Family Acoraceae (sweetflags)

**Acorus americanus* (Rafinesque) Rafinesque * sweetflag

**Acorus calamus* Linnaeus * sweetflag

Family Araceae (arums)

**Arisaema dracontium* (Linnaeus) Schott * green dragon

**Arisaema triphyllum* (Linnaeus) Schott * swamp Jack-in-the-pulpit
[= *A. atrorubens* (Aiton) Blume]

**Peltandra virginica* (Linnaeus) Schott * arrow arum

**Symplocarpus foetidus* (Linnaeus) Salisbury * skunk-cabbage

Family Lemnaceae (duckweeds)

**Lemna minor* Linnaeus * lesser duckweed

**Spirodela polyrrhiza* (Linnaeus) Schleiden * greater duckweed

**Wolffia columbiana* Karsten * Columbia water-meal, common wolffia

SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
5,7,10	EST (emb), WSD (bht)		NL		N
2,4	EST (emb,eow)	R	OBL	PIEF	N
10	WSD (bht,btp)		FACW	PF	N
2,4-7,10	EST (emb,swf,wde), WSD (bht,shk)	O	FACW-	PF	N
2,4,5,7	EST (lag)	O	OBL	PEF	N
5,7,10,11	EST (emb,swf), WSD (bht,ckb)	U	OBL	PF	N
2,4-7,10	EST (emb,swf), WSD (bht,shk)	A	OBL	PFIF	N
2,4,5,7	EST (emb,wde)	O	OBL	PFIF	A
1,10	EST (lag), WSD (bht)	O	OBL	PFIF	N

SUBCLASS COMMELINIDAE

ORDER COMMELINALES

Family Commelinaceae (spiderworts)

- **Commelina communis* Linnaeus * Asiatic dayflower
- **Tradescantia virginiana* Linnaeus * Virginia spider-wort

ORDER JUNCALES

Family Juncaceae (rushes)

- **Juncus acuminatus* Michaux * taper-tip rush
- **Juncus biflorus* Elliott * turnflower rush
- **Juncus canadensis* Gay * Canada rush
- **Juncus effusus* Linnaeus * soft rush
- **Juncus marginatus* Rostkovius * grass-leaf rush
- **Juncus nodosus* Linnaeus * knotted rush
- **Juncus tenuis* Willdenow * slender or path rush
- **Juncus torreyi* Coville * Torrey's rush
- **Luzula multiflora* (Ehrhart) Lejeune * common woodrush

ORDER CYPERALES

Family Cyperaceae (sedges)

- **Bolboschoenus fluviatilis* (Torrey) Soják * river bulrush
[= *Scirpus fluviatilis* (Torrey) Gray]
- **Bulbostylis capillaris* (Linnaeus) Kunth * dense-tuft hairsedge
[= *Fimbristylis capillaris* (Linnaeus) Gray]
- **Carex albicans* Willdenow * closely-covered sedge
[= *C. artitecta* Mackenzie]
- **Carex albursina* Sheldon * loose-flowered sedge
[= *C. laxiflora* Lamarck var. *latifolia* Boott]
- **Carex amphibola* Steudel var. *turgida* Fernald * narrow-leaf sedge
[= *C. grisea* Wahlenberg]
- **Carex annectens* (Bicknell) Bicknell * yellow-fruit sedge
- **Carex aquatilis* Wahlenberg * water or leafy tussock sedge
- **Carex arctata* Boott * northern clustered sedge
- **Carex atherodes* Sprenger * slough sedge
- **Carex bebbii* Olney * Bebb's sedge
- **Carex bicknellii* Britton * Bicknell's sedge
- **Carex blanda* Dewey * woodland sedge

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
	5,10	EST (lsh),WSD (bht)	R	FAC-	AIF	A
	5	EST (lsh,ofw)	U	FACU	PF	N
	7	EST (emb)	R	OBL	PEGr	N
	9	WSD (btp)		FACW	PGr	N
	1	WSD (shk)	O	OBL	PGr	N
	2,4,5,7,10	EST (emb,ofe),WSD (bht,btp)	O	FACW+	PEGr	N
	1	WSD (blp,mlp)	O	FACW	PGr	N
	9	WSD (bht,grp)		OBL	PGr	N
	2,4,5,7,10	EST (emb,ofe),WSD (bht)	R	FAC-	PGr	N
	10	WSD (bht)		FACW	PGr	N
	5	EST (wde)	O	FACU	PGr	N
	2,5-7	EST (bbh,emb,swf)	C	OBL	PEGr	N
	1	WSD (mlp)	O	FACU	APGr	N
	5	EST (wde)	O	NL		N
	9,10	WSD (blp)		FACU	PGr	N
	5,9,10	EST (wde),WSD (bht,shk)	O	FAC	PGr	N
	4	EST (emb)	U	FACW	PGr	N
	5,8	EST (emb)	R	OBL	PEGr	N(T)
	1,9	WSD (blp)	R	OBL	PGr	N(E)
	4	EST (emb)	U	OBL	PGr	N(P)
	5,8	EST (emb)	R	OBL	PGr	N(P)
	1,5,8,9	EST (rrp),WSD (bht)	R	FACU	PGr	N(T)
	5,10	EST (wde),WSD (bht)	C	FAC	PGr	N

Family Cyperaceae (continued)

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
* <i>Carex brevior</i> (Dewey) Mackenzie * shorter sedge	5	EST (rrp)	O	NL		N
* <i>Carex bromoides</i> Schkuhr * brome-like sedge	1,9	WSD (bht,btp)	O	FACW	PGr	N
* <i>Carex cephalophora</i> Muhlenberg * oval-leaf sedge	5	EST (rrp,wde)	C	FACU	PGr	N
* <i>Carex comosa</i> Boott * bearded or longhair sedge	5,7	EST (emb)	R	OBL	PEGr	N
* <i>Carex complanata</i> Torrey & Hooker * hirsute sedge	7	EST (emb)	R	FACU	PGr	N
* <i>Carex conjuncta</i> Boott * soft fox sedge	1,9,10	WSD (bht,shk)	U	FACW	PGr	N
* <i>Carex crinita</i> Lamarck * fringed sedge	1,6,7,10	EST (swf),WSD (btp)	R	OBL	PEGr	N
* <i>Carex crus-corvi</i> Shuttleworth * raven-foot sedge	7	EST (emb)	R	OBL	PGr	N(E)
* <i>Carex davisii</i> Schweinitz & Torrey * Davis' sedge	1,9,10	WSD (btp,shk)	O	FAC-	PGr	N
* <i>Carex digitalis</i> Willdenow * finger sedge	1,5,9	EST (wdw),WSD (bht,btp)	O	NL		N
* <i>Carex echinata</i> Murray * little prickly sedge [= <i>C. cephalantha</i> (Bailey) Bicknell]	5	EST (wde)	O	OBL	PGr	N(E)
* <i>Carex frankii</i> Kunth * Frank's sedge	2,4-7,10	EST (emb,swf),WSD (bht)	R	OBL	PEGr	N
* <i>Carex glaucoidea</i> Tuckerman * thin-fruit sedge [= <i>C. flaccosperma</i> Dewey var. <i>glaucoidea</i> (Tuckerman) Kukenthal]	1,9	WSD (btp)	O	FAC	PGr	N
* <i>Carex granularis</i> Muhlenberg * meadow sedge	10	WSD (bht)		FACW+	PGr	N
* <i>Carex grayi</i> Carey * Asa Gray's sedge	1,6,7,9	EST (swf),WSD (btp,shk)	O	FACW+	PGr	N
* <i>Carex hirsutella</i> Mackenzie * slightly hirsute sedge	5	EST (wde)	O	NL		N
* <i>Carex hirtifolia</i> Mackenzie * hairy-leaved sedge	10	WSD (bht)		NL		N
* <i>Carex intumescens</i> Rudge * bladder sedge	1,6,10	EST (swf),WSD (bht,btp,shk)	O	FACW+	PGr	N
* <i>Carex jamesii</i> Schweinitz * James' sedge	1	WSD (btp)	R	NL		N
* <i>Carex lacustris</i> Willdenow * lakebank sedge	5,6,7	EST (emb,swf).	O	OBL	PEGr	N
* <i>Carex lasiocarpa</i> Ehrhart * woolly-fruit sedge	5,8,9,11a	EST (rrp),WSD (shk)	R	OBL	PEGr	N(P)
* <i>Carex laxiculmis</i> Schweinitz * loose-culmed sedge [=? <i>C. digitalis copulata</i> Bailey]	1,9	WSD (btp)	O	NL		N
* <i>Carex laxiflora</i> Lamarck * loosely-flowered sedge [= <i>C. laxiflora patulifolia</i> Carey]	1	WSD (btp)	O	FAC	PGr	N
* <i>Carex lupulina</i> Muhlenberg * hop sedge	6,7,10	EST (swf),WSD (shk)	O	OBL	PEGr	N
* <i>Carex lurida</i> Wahlenberg * shallow sedge	1	WSD (btp)	A	OBL	PEGr	N
* <i>Carex normalis</i> Mackenzie * larger straw sedge	9	WSD (btp)		FACU	PGr	N
* <i>Carex oligocarpa</i> Schkuhr * few-fruited sedge	1	WSD (shk)	O	NL		N
* <i>Carex pallescens</i> Linnaeus * rather pale sedge	1,9	WSD (bht)	R	NL		N(T)
* <i>Carex pedunculata</i> Muhlenberg * peduncled sedge	10	WSD (bht)		NL		N
* <i>Carex pensylvanica</i> Lamarck * Pennsylvania sedge	5,10	EST (rrp),WSD (btp)	O	NL		N

Family Cyperaceae (continued)

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
* <i>Carex projecta</i> Mackenzie *necklace sedge	8,9	WSD (btp)	R	FACW	PGr	N(T)
* <i>Carex radiata</i> (Wahlenberg) Small *radiate sedge	5,8	EST (emb,wde)	O	NL		N(P)
* <i>Carex retroflexa</i> Muhlenberg *reflexed sedge	5,8	EST (rrp)	R	NL		N(P)
* <i>Carex rosea</i> Schkuhr *rose-like sedge [= <i>C. convoluta</i> Mackenzie]	7,10	EST (emb),WSD (bht,shk)	R	NL		N
* <i>Carex scoparia</i> Schkuhr *pointed broom sedge	10	WSD (btp)		FACW	PGr	N
* <i>Carex shortiana</i> Dewey *Short's sedge	1,10	WSD (btp)	C	FAC	PGr	N
* <i>Carex squarrosa</i> Linnaeus *squarrose sedge	7,9	EST (emb),WSD (btp)	O	FACW	PGr	N
* <i>Carex stipata</i> Muhlenberg *awl-fruited sedge	5-7,10	EST (emb,swf,wde),WSD (bht)	R	NL		N
* <i>Carex straminea</i> Willdenow *straw sedge [=? <i>C. straminea mirabilis</i> Tuckerman]	1	WSD (mtp)	R	OBL	PGr	N(P)
* <i>Carex striatula</i> Michaux *lined sedge [= <i>C. laxiflora</i> Lamarck var. <i>angustifolia</i> Dewey]	9	WSD (shk)		FACU	PGr	N(E)
* <i>Carex tribuloides</i> Wahlenberg *blunt broom sedge	7	EST (emb)	C	FACW+	PGr	N
* <i>Carex typhina</i> Michaux *cat-tall sedge [=? <i>C. typhinoidea</i> Schweinitz]	1,9	WSD (btp)	O	FACW+	PEGr	N
* <i>Carex vesicaria</i> Linnaeus var. <i>monile</i> (Tuckerman) Fernald * inflated sedge [= <i>C. monile</i> Tuckerman]	1	WSD (btp)	U	OBL	PEGr	N
* <i>Carex virescens</i> Muhlenberg *greenish sedge [= <i>C. virescens</i> Muhlenberg var. <i>costata</i> (Schweinitz) Dewey]	1,9	WSD (bht,btp,ckb,wtd)	O	NL		N
* <i>Carex vulpinoidea</i> Michaux *fox sedge	2,4,5,7,10	EST (emb),WSD (bht)	O	OBL	PEGr	N
* <i>Cyperus bipartitus</i> Torrey *shining flatsedge [= <i>C. rivularis</i> Kunth]	2,4,5	EST (bbh)	R	FACW+	AGr	N
* <i>Cyperus erythrorhizos</i> Muhlenberg *red-root flatsedge, umbrella-sedge	5,7	EST (emb)	C	FACW+	APEGr	N
* <i>Cyperus esculentus</i> Linnaeus *chufa	2,4,5,10	EST (bbh),WSD (bht)	O	FACW	PGr	N
* <i>Cyperus filliculmis</i> Vahl *slender flatsedge, nutsedge	10	WSD (bht)		NL		N
* <i>Cyperus odoratus</i> Linnaeus *rusty or Englemann flatsedge [= <i>C. ferruginescens</i> Boeckeler; <i>C. engelmannii</i> Steudel]	2,4-7	EST (bbh,emb,swf)	C	FACW	APGr	N
* <i>Cyperus schweinitzii</i> Torrey *Schweinitz's flatsedge or umbrella-sedge	8	WSD (htp,ish)	R	FACU	PGr	N(P)
* <i>Cyperus strigosus</i> Linnaeus *straw-color flatsedge, galingale	2,4-7	EST (emb,swf)	O	FACW	PEGr	N
* <i>Eleocharis obtusa</i> (Willdenow) Schultes *blunt spikerush	10,11a	WSD (bht,btp)	R	OBL	APEGr	N
* <i>Eleocharis ovata</i> (Roth) Roemer & Schultes *ovate spikerush	7	EST (emb)	R	OBL	AEGr	N(E)
* <i>Rhynchospora glomerata</i> (Linnaeus) Vahl *clustered beakrush [= <i>R. cymosa</i> Elliott]	1	WSD (mtp)	O	OBL	PGr	N
* <i>Schoenoplectus pungens</i> (Persoon) Volk *three-square bulrush [= <i>Scirpus americanus</i> Persoon; <i>S. pungens</i> Vahl]	2,4,5,7,11a	EST (bbh)	R	OBL	PEGr	N

Family Cyperaceae (continued)

- **Schoenoplectus tabernaemontani* (Gmelin) Palla * soft-stem or great bulrush [= *Scirpus validus* Vahl; *S. v. var. creber* Fernald]
 - **Scirpus atrovirens* Willdenow * green bulrush
 - **Scirpus cyperinus* (Linnaeus) Kunth * wool-grass
 - **Scirpus pedicellatus* Fernald * stalked bulrush
 - **Scirpus polyphyllus* Vahl * leafy bulrush
 - **Scleria pauciflora* Muhlenberg * few-flower nutrush
 - **Scleria triglomerata* Michaux * whip nutrush
- Family Poaceae [= Gramineae] (grasses)
- **Aegilops cylindrica* Host * jointed goat-grass
 - **Agrostis stolonifera* Linnaeus * spreading bentgrass
 - **Ammophila breviligulata* Fernald * American beachgrass
 - **Andropogon gerardii* Vitman * big bluestem
 - **Andropogon virginicus* Linnaeus * broom-sedge
 - **Brachyelytrum erectum* (Schreber) Beauvois * erect grass
 - **Bromus arvensis* Linnaeus * field chess
 - **Bromus hordeaceus* Linnaeus * soft chess [= *B. mollis* L.]
 - **Bromus japonicus* Thunberg * Japanese brome
 - **Bromus kalmii* Gray * Kalm's brome
 - **Calamagrostis canadensis* (Michaux) Beauvois * blue-joint reedgrass
 - **Cenchrus incertus* Curtis * few-flower sandbur
[= *C. pauciflorus* Bentham]
 - **Cinna arundinacea* Linnaeus * stout wood-reed grass
 - **Dactylis glomerata* Linnaeus * orchard grass
 - **Danthonia compressa* Austin * flattened oatgrass
 - **Danthonia spicata* (Linnaeus) Beauvois * poverty oatgrass
 - **Dichanthelium acuminatum* (Swartz) Gould & Clark var. *fasciculatum* (Torrey) Freckmann * panic grass [= *Panicum lanuginosum* Elliott; *P. l. var. implicatum* (Scribner) Fernald]
 - **Dichanthelium depauperatum* (Muhlenberg) Gould * impoverished panic grass [= *Panicum depauperatum* Muhlenberg]
 - **Dichanthelium dichotomum* (Linnaeus) Gould * cypress witchgrass
[= *Panicum dichotomum* Linnaeus; *P. barbulatum* Michaux]
 - **Digitaria ischaemum* (Schreber) Muhlenberg * small crabgrass
 - **Digitaria sanguinalis* (Linnaeus) Scopoli * hairy crabgrass

SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
2,4,5,7,9	EST (emb),WSD (shk)	O	OBL	PEGr	N
2,4,5,7,10	EST (emb),WSD (bht)	O	OBL	PEGr	N
5,6,9,10	EST (swf),WSD bht,ftp,mtp)	U	FACW+	PEGr	N
4	EST (emb)	U	OBL	PEGr	N
10	WSD (bht)		OBL	PEGr	N
1	WSD (mtp)	O	FACU+	PGr	N(T)
1	WSD (mtp)	O	FAC	PGr	N(P)
2-5	EST (rrp)	R	NL		A
2,7	EST (emb)	O	FACW	PG	N
8	WSD (htp,lsh)	R	FACU-	PG	N(T)
2,4,5	EST (emb,ofe,rrp)	O	FAC	PG	N
10	WSD (bht,btp)		FACU	PG	N
9,10	WSD (bht)		NL		N
10	WSD (bht)		NL		A
10	WSD (bht)		NL		A
2,4-6	EST (emb,swf)	R	FACU-	AIG	A
2	EST (emb)	R	FAC-	PG	N
2,4-6	EST (ckb,swf)	O	FACW+	PG	N
5	EST (bbh)	U	NL		A
2,4,5,7	EST (emb)	O	FACW+	PG	N
10	WSD (bht,shk)		FACU	PIG	A
8	WSD (btp,ssh)	R	FACU-	PG	N(P)
11a	WSD (blp)		NL		N
7,9,10	EST (emb),WSD (bht,btp)	R	FAC	PG	N
1	WSD (btp,ckb)	O	NL		N(E)
1,9	WSD (bht,btp,ftp)	C	FAC	PG	N
10	WSD (bht)		NL		A
2,4,5,10	EST (bbh),WSD (bht)	R	FACU-	AIG	A

Family Poaceae (continued)

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
* <i>Echinochloa crus-galli</i> (Linnaeus) Beauvois * barnyard grass	2,4,5,7,10	EST (bbh),WSD (bht)	O	FACU	AIG	A
* <i>Echinochloa muricata</i> (Beauvois) Fernald * rough barnyard grass [= <i>E. pungens</i> (Poiret) Rydberg]	2,4,5	EST (emb)	O	FACW+	AG	N
* <i>Echinochloa walteri</i> (Pursh) Heller * coast cockspur, Walter's millet	2,4-7	EST (lag,swf)	C	FACW+	AEG	N
* <i>Eleusine indica</i> (Linnaeus) Gaertner * India goosegrass	10	WSD (bht)		FACU-	AIG	A
* <i>Elymus canadensis</i> Linnaeus * nodding wild-rye	5,6	EST (swf)	U	FACU+	PG	N
* <i>Elymus caninus</i> (Linnaeus) Linnaeus * cutting wheatgrass [= <i>Agropyron caninum</i> (Linnaeus) Beauvois]	1	WSD (bht)	R	FACU	PIG	A
* <i>Elymus hystrix</i> Linnaeus * bottlebrush grass [= <i>Hystrix patula</i> Moench]	5,6,10	EST (swf),WSD (btp)	U	NL		N
* <i>Elymus trachycaulus</i> (Link) Gould ssp. <i>subsecundus</i> (Link) Löve * slender wheatgrass [= <i>Agropyron trachycaulum</i> (Link) Malte var. <i>glaucum</i> (Pease & Moore) Malte]	9	WSD (bht)		FACU	PG	N
* <i>Elymus villosus</i> Muhlenberg * hairy wild-rye	6	EST (swf)	U	FACU-	PG	N
* <i>Elymus virginicus</i> Linnaeus * Virginia wild-rye	2,4,5,9,10	EST (emb,ofe),WSD (bht,btp)	O	FACW-	PG	N
* <i>Elytrigia repens</i> (Linnaeus) Desvaux * quackgrass [= <i>Agropyron repens</i> (Linnaeus) Beauvois]	10	WSD (bht,shk)		FACU-	PIG	A
* <i>Eragrostis pectinacea</i> (Michaux) Nees * purple lovegrass	2,4,5,10	EST (bbh),WSD (bht)	R	FAC	AG	N
* <i>Glyceria striata</i> (Lamarck) Hitchcock * fowl manna grass	2,4,5,7,9	EST (emb,ofw),WSD (bht,shk)	R	OBL	PEG	N
* <i>Leersia oryzoides</i> (Linnaeus) Swartz * rice cutgrass	2,4-7,10	EST (ckb,swf),WSD (bht)	C	OBL	PG	N
* <i>Leersia virginica</i> Willdenow * whitegrass	7,10	EST (emb),WSD (bht)	O	FACW	PG	N
* <i>Lolium pratense</i> (Hudson) Darbyshire * tall fescue [= <i>Festuca elatior</i> Linnaeus]	10	WSD (bht)		FACU-	PIG	A
* <i>Muhlenbergia schreberi</i> Gmelin * nimble will	10	WSD (bht)		FAC	PG	N
* <i>Nardus stricta</i> Linnaeus * mat grass	7	EST (emb)	R	NL		A
* <i>Panicum capillare</i> Linnaeus * witch grass	2,4,5,10	EST (bbh),WSD (bht)	R	FAC-	AG	N
* <i>Panicum virgatum</i> Linnaeus * switchgrass	2,4,7	EST (bbh,rrp)	O	FAC	PG	N
* <i>Phalaris arundinacea</i> Linnaeus * reed canary grass	2,4-7,10	EST (ckb,swf),WSD (bht,shk)	C	FACW+	PG	Z
* <i>Phleum pratense</i> Linnaeus * timothy	2,4,5,10	EST (emb,ofe),WSD (bht,shk)	O	FACU	PIG	A
* <i>Phragmites australis</i> (Cavanilles) Trinlus * common reed	5-7,10	EST (bbh,emb,lag,swf),WSD (bht,btp)	A	FACW	PEG	Z
* <i>Poa compressa</i> Linnaeus * Canada bluegrass	9,11b	EST (wde),WSD (shk)		FACU	PIG	A
* <i>Poa pratensis</i> Linnaeus * Kentucky bluegrass	2,4,5,7,10	EST (emb),WSD (bht,shk)	O	FACU	PG	Z
* <i>Poa sylvestris</i> Gray * woodland bluegrass	5	EST (wde)	C	FACW	PG	N
* <i>Poa trivialis</i> Linnaeus * rough bluegrass	1,9	WSD (shk)	R	FACW	PIG	A
* <i>Schizachyrium scoparium</i> (Michaux) Nash * fittle bluestem [= <i>Andropogon scoparius</i> Michaux]	5	EST (ofw,rrp)	U	FACU-	PG	N

Family Poaceae (continued)

- *Setaria faberi* Herrmann * Faber's fox-tail grass
- *Setaria glauca* (Linnaeus) Beauvois * yellow bristle grass
- *Sorghastrum nutans* (Linnaeus) Nash * Indian grass
- *Sorghum halepense* (Linnaeus) Persoon * Johnson grass
- *Tridens flavus* (Linnaeus) Hitchcock * purple-top tridens
[= *Triodia flava* (Linnaeus) Smyth]
- *Triplasis purpurea* (Walter) Chapman * purple sand-grass
- *Vulpia octoflora* (Walter) Rydberg var. *glauca* (Nuttall) Fernald *
six-weeks fescue [= *Festuca tenella* Willdenow]

SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
2,4,5,10	EST (emb), WSD (bht)	C	NL		A
2,4,5,10	EST (bbh), WSD (bht)	O	FAC	AIG	A
2,4,5	EST (rrp)	O	NL		N
5,6	EST (swf)	U	FACU	PIG	A
10	WSD (bht)		FACU	PG	N
1,5,7,8	EST (bbh)	C	NL		N(P)
1	WSD (mtp)		NL		N
9	WSD (shk)		OBL	PEF	N
2,4-7	EST (emb, swf)	A	OBL	PEF	N
2,4,5,10	EST (emb), WSD (bht)	R	OBL	PEF	Z
5,7	EST (emb)	R	OBL	PEF	N
2,4-7,10	EST (bbh, swf), WSD (bht, shk)	R	OBL	PEF	N

ORDER TYPHALES

Family Sparganiaceae (bur-reeds)

- *Sparganium americanum* Nuttall * American bur-reed
- *Sparganium eurycarpum* Engelmann * giant bur-reed

Family Typhaceae (cattails)

- *Typha angustifolia* Linnaeus * narrow-leaf cattail
- *Typha x glauca* Godron * blue cattail
- *Typha latifolia* Linnaeus * broad-leaf or common cattail

SUBCLASS LILIIDAE

ORDER LILIALES

Family Pontederiaceae (pickerelweeds)

- *Pontederia cordata* Linnaeus * pickerel weed

Family Liliaceae (lilies)

- *Allium canadense* Linnaeus * meadow onion
- *Allium sativum* Linnaeus * garlic
- *Allium tricoccum* Aiton * small white leek
- *Allium vineale* Linnaeus * field garlic
- *Asparagus officinalis* Linnaeus * garden asparagus-fern
- *Camassia scilloides* (Rafinesque) Cory *
Atlantic camassia, wild hyacinth
- *Chamaelirium luteum* (Linnaeus) Gray * fairy-wand, blazing-star
[=? *C. carolinianum* Willdenow]
- *Convallaria majalis* Linnaeus * lily-of-the-valley
- *Disporum lanuginosum* (Michaux) Nicholson *
fairy bells, yellow mandarin

5,7	EST (emb)	R	OBL	PEF	N
5,10	EST (ckb, ofe), WSD (bht, shk)	O	FACU	PF	N
2,4,5	EST (emb)	O	NL		A
9,10	WSD (bht)		FACU+	PF	N
10	WSD (bht)		FACU-	PIF	A
2,4,5,10	EST (str), WSD (bht)	O	FACU	PIF	A
10	WSD (shk)		FAC	PF	N
1	WSD (bht)	R	FAC	PF	N
10	WSD (bht)		NL		C
1,9,10	WSD (bht, btp, shk)	U	NL		N

Family Liliaceae (continued)

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
* <i>Erythronium albidum</i> Nuttall * white fawnlily or trout-lily	5,10	EST (emb,wde),WSD (btp)	U	NL		N
* <i>Erythronium americanum</i> Ker-Gawler * yellow fawnlily or trout-lily	2,4,5,7,10	EST (emb,wde),WSD (bht,shk)	O	FAC	PF	N
* <i>Hemerocallis fulva</i> (Linnaeus) Linnaeus * common orange day-lily	2,4,5,9,10	EST (lag),WSD (bht,btp)	R	NL		C
* <i>Hypoxis hirsuta</i> (Linnaeus) Coville * eastern yellow stargrass	2,4,5	EST (emb)	O	FAC	PF	N
* <i>Lilium canadense</i> Linnaeus * Canada lily	5	EST (ofe,ofw)	U	FAC+	PF	N
* <i>Lilium michiganense</i> Farwell * Michigan lily	5	EST (rrp)	R	FAC+	PF	N
* <i>Lilium</i> sp. Linnaeus * lily	10	WSD (bht)		NL		
* <i>Maianthemum canadense</i> Desfontaines * wild-lily-of-the-valley or Canada mayflower [=? <i>M. convallaria</i> Wiggers]	1,10	WSD (bht,ckb)	O	FAC-	PF	N
* <i>Malanthemum racemosum</i> (Linnaeus) Link * feather false-Solomon's-seal [= <i>Smilacina racemosa</i> (Linnaeus) Desfontaines]	2,4-6,10	EST (str,swf,wde),WSD (bht)	O	FACU-	PF	N
* <i>Medeola virginiana</i> Linnaeus * Indian cucumber-root	1	WSD (btp)	U	NL		N
* <i>Ornithogalum umbellatum</i> Linnaeus * common star of Bethlehem	10	WSD (bht)		FACU	PIF	A
* <i>Polygonatum biflorum</i> (Walter) Elliott * small Solomon's-seal	2,4,5	EST (emb,wde)	O	FACU	PF	N
* <i>Polygonatum pubescens</i> (Willdenow) Pursh * hairy Solomon's-seal	10	WSD (bht,shk)		NL		N
* <i>Trillium flexipes</i> Rafinesque * white or drooping trillium	5,10	EST (wde,wdw),WSD (bht,shk)	U	FAC	PF	N
* <i>Trillium grandiflorum</i> (Michaux) Salisbury * large- or grand-flowered trillium	2,4-6,10	EST (str,swf,wde),WSD (bht,shk)	A	NL		N
* <i>Uvularia grandiflora</i> Smith * large flowered bellwort	10	WSD (bht)		NL		N
* <i>Uvularia sessilifolia</i> Linnaeus * sessile-leaf bellwort, merry-bells	10	WSD (btp)		FACU-	PF	N
Family Iridaceae (Irises)						
* <i>Iris pseudacorus</i> Linnaeus * yellow iris	6,7,10	EST (emb,swf),WSD (bht)	R	OBL	PIEF	A
* <i>Iris versicolor</i> Linnaeus * blueflag	2,4-7,10	EST (emb,swf),WSD (shk)	C	OBL	PF	N
* <i>Sisyrinchium albidum</i> Rafinesque * blue-eye-grass	5	EST (rrp)	R	FACW	PF	N
* <i>Sisyrinchium mucronatum</i> Michaux * Michaux's blue-eye-grass [= <i>S. montanum</i> Greene misapplied]	5,8	EST (rrp)	R	FAC+	PF	N(E)
* <i>Sisyrinchium</i> sp. Linnaeus * blue-eye-grass	10	WSD (bht)		NL		
Family Smilacaceae (catbriers)						
* <i>Smilax ecirrata</i> (Engelmann) Watson * erect carrion-flower	10	WSD (bht,shk)		NL		N
* <i>Smilax herbacea</i> Linnaeus * smooth carrion-flower	11a	WSD (btp)	U	FAC	PVF	N
* <i>Smilax rotundifolia</i> Linnaeus * common greenbrier	10,11a	WSD (btp)	U	FAC	WV	N
* <i>Smilax tamnoides</i> Linnaeus * bristly greenbrier [= <i>S. hispida</i> Muhlenberg]	5,8,10,11a	EST (swf,wde),WSD (bht,btp,shk)	U	FAC	WV	N

Family Dioscoreaceae (yams)

- *Dioscorea quaternata* Gmelin * four-leaf yam
- *Dioscorea villosa* Linnaeus * yellow or wild yam

ORDER ORCHIDALES

Family Orchidaceae (orchids)

- *Coeloglossum viride* (Linnaeus) Hartman * long-bract-green orchid
- *Epipactis helleborine* (Linnaeus) Crantz * helleborine
[= *E. latifolia* (Linnaeus) Allioni]
- *Galearis spectabilis* (Linnaeus) Rafinesque * showy orchis
[= *Orchis spectabilis* Linnaeus]
- *Goodyera pubescens* (Willdenow) Brown * downy rattlesnake-plantain
- *Pogonia ophioglossoides* (Linnaeus) Ker-Gawler * rose pogonia
[=? *P. pendula* Lindley]
- *Spiranthes cernua* (Linnaeus) Richardson * nodding ladies'-tresses
- *Spiranthes magnicamporum* Sheviak * great plains ladies'-tresses
- *Spiranthes ochroleuca* (Rydberg) Rydberg * ladies'-tresses
- *Triphora trianthophora* (Swartz) Rydberg * three-birds orchid

	SOURCE	LOCATION (HABITAT)	OCCUR	WETLAND	FORM	ORIGIN
	6	EST (swf)	U	FACU	PVF	N
	5,6,10	EST (swf), WSD (bht)	U	FAC+	PV	N
	8	WSD (btp,ssh)	R	FACU	PF	N(E)
	2,4,5	EST (rrp)	R	NL		A
	10	WSD (btp)		NL		N
	1,9	WSD (btp)	U	FACU-	PF	N
	1	WSD (btp)	O	OBL	PEF	N(T)
	2,4,5	EST (rrp)	O	FACW	PF	N
	5,8	EST (rrp)	R	NI	PF	N(P)
	11a	WSD (btp)		NL		N
	9	WSD (btp,wtd)		NL		N(T)

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ESTUARY LOCATION (HABITAT) CODES:

EST - Old Woman Creek Estuary & contiguous uplands within State Nature Preserve:

bbh	- barrier beach	ofw	- old fields & clearings, western
ckb	- creek bank & flood plain, south of railroad	rrp	- railroad prairie
emb	- estuary embayments, shores, & mud flats	str	- Star Island
eow	- estuary open waters	swf	- swamp forest
lag	- lake lagoon	wde	- woodlands & shrub edges, eastern
lsh	- lake shore	wdl	- woodlands & shrub edges, lakefront
ofe	- old fields & clearings, eastern	wdw	- woodlands & shrub edges, western

WATERSHED LOCATION (HABITAT) CODES:

WSD - Old Woman Creek valley & watershed upstream of estuary:

bht - Berlin Heights	lsh - lakeshore
btp - Berlin Township	mtp - Milan Township
bve - Berlinville	ofd - old fields & clearings
ckb - creek banks and floodplains	shk - Shinrock
ftp - Florence Township	ofd - old fields & clearings
grp - gravel pit	ssh - sandstone hills & quarries
htp - Huron Township	ttp - Townsend Township
	wdt - woodlots

OCCURRENCE (RELATIVE ABUNDANCE) CODES: (modified from Moseley 1899, Marshall and Stuckey 1974, and Marshall 1977)

A - Abundant	Several to many individuals in nearly all sites (Frequent).
C - Common	Several to many individuals in many sites.
O - Occasional	Several individuals in more than one site (Infrequent; Local).
U - Uncommon	Few individuals in few sites (Scarce).
R - Rare	One to several individuals in one site.

Note: Abundance codes are presented for most recent observations.

WETLAND INDICATOR STATUS CODES: (modified from Reed 1988)

FAC - Facultative Plants	Plants with a similar likelihood (estimated probability 33% to 67%) of occurring in both wetlands and non-wetlands.
FACU - Facultative Upland Plants	Plants that occur sometimes (estimated probability 1% to 33%) in wetlands, but occur more often (estimated probability >67% to 99%) in non-wetlands.
FACW - Facultative Wetland Plants	Plants that occur usually (estimated probability >67% to 99%) in wetlands, but also occur (estimated probability 1% to 33%) in non-wetlands.
NI - No Indicator	Plants for which insufficient information is available to determine an indicator status.
NL - Not Listed	These are generally considered upland plants.
OBL - Obligate Wetland Plants	Plants that occur almost always (estimated probability >99%) in wetlands under natural conditions.
UPL - Obligate Upland Plants	Plants that occur rarely (estimated probability <1%) in wetlands, but occur almost always (estimated probability ≥99%) in non-wetlands under natural conditions.

+: Plus sign (+) following an indicator status denotes that the species generally has a greater estimated probability of occurring in wetlands than species having the general indicator status, but a lesser estimated probability of occurring in wetlands than those having the next highest general indicator. For example, a species with an indicator status of FAC+ occurs in wetlands more often than a species designated of FAC, but less often than a species having a FACW status.

-: Minus sign (-) following an indicator status (e.g. FACW-) denotes that the species generally has a lesser estimated probability of occurring in wetlands than species having the general indicator status, but a greater estimated probability of occurring in wetlands than those having the next lowest general indicator. For example, a species with an indicator status of FACW- occurs in wetlands less often than a species with a FACW status, but more often than a species having a FAC+ status.

LIFE FORM CODES: (modified from Reed 1988)

A - Annual	I - Introduced
B - Biennial	lc - Introduced/cultivated
P - Perennial	Ps - Parasitic
C - Clubmoss	Pw - Partly woody
E - Emergent	S - Shrub
F - Forb	Sb - Submerged
Fn - Fern	Sc - Succulent
Ft - Floating	Sp - Saprophytic
G - Grass	T - Tree
Gr - Grass-like	V - Herbaceous vine
Ht - Horsetail	Wv - Woody vine

Note: Symbols are combined to describe the plant characteristic or life form of the listed species.

ORIGIN (AND STATUS) CODES:

Origin (Gleason and Cronquist 1991, Reed 1988)

- A - Alien species
- C - Escaped from cultivation
- N - Native species
- Z - Native to North America, but later naturalized to Old Woman Creek watershed

Rare Plants Status (Ohio Division of Natural Areas and Preserves 1996)

- (E) - Endangered (Ohio)
- (P) - Potentially threatened (Ohio)
- (T) - Threatened (Ohio)

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- Notes: Arrangement of classes, subclasses, orders, and families follows the classification of Cronquist (1988) and Gleason and Cronquist (1991) except for the bryophytes which follow the synopsis of Parker (1982).
Nomenclature and synonyms of listed species follows the thesaurus in Kartesz (1994), Kartesz and Meacham (1997), and Bailey and Bailey (1976).
Common names from Bailey and Bailey (1976), Reed (1988), Gleason and Cronquist (1991) and names given by source investigators.

CHECKLIST OF VASCULAR PLANTS FOR OLD WOMAN CREEK ESTUARY

	COMMON NAME	PHENOLOGY	ORIGIN	LOC
LIVERWORTS (Ricciaceae)				
<input type="checkbox"/> <i>Riccia fluitans</i>	slender riccia		N	E
<input type="checkbox"/> <i>Ricciocarpus natans</i>	purple-fringed riccia		N	E
HORSETAILS (Equisetaceae)				
<input type="checkbox"/> <i>Equisetum arvense</i>	field or common horsetail	Apr-Jul	N	E, W
ADDER'S TONGUES (Ophioglossaceae)				
<input type="checkbox"/> <i>Botrychium virginianum</i>	rattlesnake fern	spring - early summer	N	E, W
ROYAL FERNS (Osmundaceae)				
<input type="checkbox"/> <i>Osmunda cinnamomea</i>	cinnamon fern	Apr-May	N	E
<input type="checkbox"/> <i>Osmunda claytoniana</i>	interrupted fern	Mar-Jun	N	E, W
MAIDENHAIR FERNS (Adiantaceae)				
<input type="checkbox"/> <i>Adiantum pedatum</i>	northern maidenhair fern	Jun-Sep	N	E, W
SPLEENWORTS (Aspleniaceae)				
<input type="checkbox"/> <i>Athyrium filix-femina</i>	subarctic lady fern	Aug-Sep	N	E, W
<input type="checkbox"/> <i>Dryopteris carthusiana</i> [= <i>D. austriaca</i> var. <i>spinulosa</i>]	spinulose woodfern		N	E, W
<input type="checkbox"/> <i>Dryopteris</i> sp.	woodfern			E
<input type="checkbox"/> <i>Polystichum acrostichoides</i>	Christmas fern	Jun-Oct	N	E, W
SENSITIVE FERNS (Onocleaceae)				
<input type="checkbox"/> <i>Onoclea sensibilis</i>	sensitive fern	Jun-Oct	N	E, W
PINES (Pinaceae)				
<input type="checkbox"/> <i>Picea pungens</i>	blue spruce	May	A	E
<input type="checkbox"/> <i>Pinus nigra</i>	Austrian pine	May-Jun	A	E
<input type="checkbox"/> <i>Pinus rigida</i>	pitch pine	May-Jun	N	E
<input type="checkbox"/> <i>Pinus strobus</i>	eastern white pine	May-Jun	N	E
<input type="checkbox"/> <i>Pinus sylvestris</i>	Scotch pine	May-Jun	A	E
<input type="checkbox"/> <i>Tsuga canadensis</i>	eastern hemlock	May-Jun	N	E, W
BALD CYPRESSES (Taxodiaceae)				
<input type="checkbox"/> <i>Metasequoia glyptostroboides</i>	dawn redwood	Apr-May	A	E
MAGNOLIAS (Magnoliaceae)				
<input type="checkbox"/> <i>Liriodendron tulipifera</i>	tulip tree, tulip-poplar	May-Jun	N	E, W
LAURELS (Lauraceae)				
<input type="checkbox"/> <i>Lindera benzoin</i>	northern spicebush	Mar-May	N	E, W
<input type="checkbox"/> <i>Sassafras albidum</i>	sassafras	Apr-May	N	E, W
LIZARD'S TAILS (Saururaceae)				
<input type="checkbox"/> <i>Saururus cernuus</i>	lizard's tail	Jun-Aug	N	E, W
BIRTHWORTS (Aristolochiaceae)				
<input type="checkbox"/> <i>Asarum canadense</i> [= <i>A. reflexum</i>]	wild or short-lobed ginger	Apr-May	N	E, W
LOTUS-LILIES (Nelumbonaceae)				
<input type="checkbox"/> <i>Nelumbo lutea</i> [= <i>Nelumbium luteum</i>]	American or water lotus, lotus-lily	Jul-Sep	N	E

	COMMON NAME	PHENOLOGY	ORIGIN	LOC
WATER-LILIES (Nymphaeaceae)				
<input type="checkbox"/> <i>Nuphar lutea</i> ssp. <i>advena</i> [= <i>N. advena</i>]	yellow cow-lily, spatterdock	Jun-Aug	N	E
<input type="checkbox"/> <i>Nymphaea odorata</i> [= <i>N. tuberosa</i>]	white water-lily	Jun-Sep	N	E
HORNWORTS (Ceratophyllaceae)				
<input type="checkbox"/> <i>Ceratophyllum demersum</i>	common hornwort, coontail	Jul-Sep	N	E
BUTTERCUPS (Ranunculaceae)				
<input type="checkbox"/> <i>Anemone canadensis</i>	Canada thimble-weed	May-Aug	N	E,W
<input type="checkbox"/> <i>Anemone quinquefolia</i>	American woodiand thimble-weed	Apr-Jun	N	E
<input type="checkbox"/> <i>Anemone virginiana</i>	tall thimble-weed, windflower	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Caltha palustris</i>	common marsh marigold	Apr - May	N	E,W
<input type="checkbox"/> <i>Cimicifuga racemosa</i>	black snakeroot or cohosh	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Clematis virginiana</i>	Virginia virgin's-bower	Jul-Aug	N	E,W
<input type="checkbox"/> <i>Hepatica nobilis</i> var. <i>acuta</i> [= <i>H. acutiloba</i>]	sharp-lobed hepatica	Mar-Apr	N	E,W
<input type="checkbox"/> <i>Hydrastis canadensis</i>	goldenseal	May-Jun	N	E,W
<input type="checkbox"/> <i>Ranunculus abortivus</i>	subalpine or kidney buttercup	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Ranunculus fascicularis</i>	early buttercup	Apr-May	N(P)	E,W
<input type="checkbox"/> <i>Ranunculus flabellaris</i>	yellow water buttercup	Apr-May	N	E
<input type="checkbox"/> <i>Ranunculus hispidus</i> var. <i>caricetorum</i>	bristly or hispid buttercup	Apr-May	N	E,W
<input type="checkbox"/> <i>Ranunculus hispidus</i> var. <i>nitidus</i> [= <i>R. septentrionalis</i>]	northern swamp buttercup	Mar-May	N	E,W
<input type="checkbox"/> <i>Ranunculus pennsylvanicus</i>	Pennsylvania buttercup	Jul-Aug	N	E
<input type="checkbox"/> <i>Ranunculus recurvatus</i>	hooked buttercup or crowfoot	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Ranunculus repens</i>	creeping buttercup	May-Jul	A	E
<input type="checkbox"/> <i>Ranunculus sceleratus</i>	celery buttercup, cursed crowfoot	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Thalictrum dioicum</i>	early meadow-rue	May	N	E,W
<input type="checkbox"/> <i>Thalictrum thalictroides</i> [= <i>Anemonella thalictroides</i>]	rue anemone	Mar-May	N	E
BARBERRIES (Berberidaceae)				
<input type="checkbox"/> <i>Berberis thunbergii</i>	Japanese barberry	May	A	E,W
<input type="checkbox"/> <i>Berberis vulgaris</i>	European or common barberry	May-Jun	A	E
<input type="checkbox"/> <i>Podophyllum peltatum</i>	may-apple	Apr-May	N	E,W
MOONSEEDS (Menispermaceae)				
<input type="checkbox"/> <i>Menispermum canadense</i>	Canada moonseed	Jun-Jul	N	E,W
POPPIES (Papaveraceae)				
<input type="checkbox"/> <i>Sanguinaria canadensis</i>	bloodroot	Mar-May	N	E,W
FUMITORIES (Fumariaceae)				
<input type="checkbox"/> <i>Dicentra cucullaria</i>	Dutchman's breeches	Apr-May	N	E,W
PLANE-TREES (Platanaceae)				
<input type="checkbox"/> <i>Platanus occidentalis</i>	American sycamore	Apr-Jun	N	E,W
ELMS (Ulmaceae)				
<input type="checkbox"/> <i>Celtis occidentalis</i>	common or northern hackberry	Oct-Nov	N	E,W
<input type="checkbox"/> <i>Ulmus americana</i>	American or white elm	Mar-May	N	E,W
<input type="checkbox"/> <i>Ulmus rubra</i>	slippery or red elm	Mar-Apr	N	E,W
MULBERRIES (Moraceae)				
<input type="checkbox"/> <i>Morus alba</i>	white mulberry	May-Jun	C	E,W
NETTLES (Urticaceae)				
<input type="checkbox"/> <i>Boehmeria cylindrica</i>	small-spike false-nettle	Jul-Aug	N	E
<input type="checkbox"/> <i>Laportea canadensis</i>	Canada wood-nettle	Jul-Aug	N	E

NETTLES (continued)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Pilea fontana</i>	springs clearweed	Jul-Sep	N	E
<input type="checkbox"/> <i>Pilea pumila</i>	Canada clearweed	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Urtica dioica</i>	stinging nettle	Jul-Aug	A	E,W
<input type="checkbox"/> <i>Urtica dioica</i> ssp. <i>gracilis</i> [= <i>U. gracilis</i> ; <i>U. procera</i>]	slender or tall nettle	Jul-Sep	A	E,W
WALNUTS (Juglandaceae)				
<input type="checkbox"/> <i>Carya alba</i> [= <i>C. tomentosa</i>]	mockernut hickory	May-Jun	N	E
<input type="checkbox"/> <i>Carya cordiformis</i>	bitter-nut hickory	May	N	E,W
<input type="checkbox"/> <i>Carya ovata</i>	shag-bark hickory	May	N	E,W
<input type="checkbox"/> <i>Juglans nigra</i>	black walnut	Apr-May	N	E,W
BEECHES (Fagaceae)				
<input type="checkbox"/> <i>Castanea dentata</i>	American chestnut	Jun-Aug	N(P)	E,W
<input type="checkbox"/> <i>Fagus grandifolia</i> [= <i>F. ferruginea</i>]	American beech	Apr-May	N	E,W
<input type="checkbox"/> <i>Quercus alba</i>	white oak	May-Jun	N	E,W
<input type="checkbox"/> <i>Quercus bicolor</i>	swamp white oak	May	N	E,W
<input type="checkbox"/> <i>Quercus coccinea</i>	scarlet oak	May	N	E,W
<input type="checkbox"/> <i>Quercus macrocarpa</i>	bur oak	May	N	E,W
<input type="checkbox"/> <i>Quercus nigra</i>	water or black oak	May	N	E
<input type="checkbox"/> <i>Quercus palustris</i>	pin oak	May-Jun	N	E,W
<input type="checkbox"/> <i>Quercus rubra</i> var. <i>ambigua</i> [= <i>Q. borealis</i>]	northern red oak	May-Jun	N	E,W
<input type="checkbox"/> <i>Quercus velutina</i>	black oak	May	N	E,W
BIRCHES & HAZELS (Betulaceae)				
<input type="checkbox"/> <i>Alnus serrulata</i>	brook-side or smooth alder	Mar-Apr	N	E
<input type="checkbox"/> <i>Corylus americana</i>	American hazel-nut	Mar-Apr	N	E,W
<input type="checkbox"/> <i>Ostrya virginiana</i>	eastern hop-hornbeam	Apr-May	N	E,W
POKEWEEDS (Phytolaccaceae)				
<input type="checkbox"/> <i>Phytolacca americana</i>	common pokeweed	Jun-Sep	N	E,W
FOUR-O'CLOCKS (Nyctaginaceae)				
<input type="checkbox"/> <i>Mirabilis nyctaginea</i>	heart-leaf or wild four-o'clock	Sep	N	E
GOOSEFOOTS & PIGWEEDS (Chenopodiaceae)				
<input type="checkbox"/> <i>Chenopodium album</i>	white goosefoot, lamb's quarters	Sep	A	E,W
<input type="checkbox"/> <i>Cycloloma atriplicifolium</i>	winged pigweed	Sep	N	E
<input type="checkbox"/> <i>Salsola kali</i>	Russian thistle, saltwort	Aug-Sep	A	E
AMARANTHS (Amaranthaceae)				
<input type="checkbox"/> <i>Amaranthus albus</i>	white amaranth, tumbleweed	Sep	N	E
<input type="checkbox"/> <i>Amaranthus retroflexus</i>	red-root amaranth, pigweed	Aug-Sep	N	E
<input type="checkbox"/> <i>Amaranthus tuberculatus</i>	rough-fruit amaranth	Aug-Oct	N	E
PURSLANES (Portulacaceae)				
<input type="checkbox"/> <i>Claytonia virginica</i>	narrow-leaf springbeauty	early spring	N	E,W
<input type="checkbox"/> <i>Portulaca oleracea</i>	common purslane	Jun-Sep	A	E,W
PINKS (Caryophyllaceae)				
<input type="checkbox"/> <i>Cerastium arvense</i>	field chickweed	Apr-Aug	N	E
<input type="checkbox"/> <i>Cerastium fontanum</i>	mouse-ear chickweed	Apr-Oct	A	E
<input type="checkbox"/> <i>Cerastium fontanum</i> ssp. <i>vulgare</i> [= <i>C. vulgatum</i>]	common mouse-ear chickweed	Apr-Oct	A	E,W
<input type="checkbox"/> <i>Saponaria officinalis</i>	bouncing-bet	Jun-Sep	A	E,W
<input type="checkbox"/> <i>Stellaria pubera</i>	great chickweed	Apr-Jun	N	E

BUCKWHEATS (Polygonaceae)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Polygonum amphibium</i> var. <i>emersum</i> [= <i>P. coccineum</i>]	water smartweed	Aug-Sep	N	E
<input type="checkbox"/> <i>Polygonum aviculare</i>	prostrate knotweed or smartweed	Jun-Nov	N	E,W
<input type="checkbox"/> <i>Polygonum convolvulus</i>	black bindweed	Jun-Sep	A	E
<input type="checkbox"/> <i>Polygonum hydropiper</i>	marshpepper smartweed, water-pepper	Jun-Nov	A	E,W
<input type="checkbox"/> <i>Polygonum hydropiperoides</i>	swamp smartweed, water-pepper	Jun-Nov	N	E
<input type="checkbox"/> <i>Polygonum lapathifolium</i>	willow-weed, nodding smartweed	Aug-Sep	N	E,W
<input type="checkbox"/> <i>Polygonum pensylvanicum</i> [= <i>P. p.</i> var. <i>eglandulosum</i>]	Pennsylvania smartweed, Lake Erie pinkweed	Aug-Sep	N	E,W
<input type="checkbox"/> <i>Polygonum persicaria</i>	lady's thumb	Jul-Sep	A	E,W
<input type="checkbox"/> <i>Polygonum punctatum</i>	dotted or water smartweed	Aug-Sep	N	E
<input type="checkbox"/> <i>Polygonum sagittatum</i>	arrow-leaf tearthumb, arrow-vine	Sep	N	E,W
<input type="checkbox"/> <i>Polygonum virginianum</i>	Virginia knotweed, jumpseed	Aug	N	E,W
<input type="checkbox"/> <i>Rumex acetosella</i>	garden sorrel, sheep sorrel	Jun-Oct	A	E,W
<input type="checkbox"/> <i>Rumex crispus</i>	curly or sour dock	Jun-Sep	A	E,W
<input type="checkbox"/> <i>Rumex orbiculatus</i>	great water dock	Sep	N	E
<input type="checkbox"/> <i>Rumex verticillatus</i>	swamp dock	Jun-Sep	N	E
GARCINIAS (Clusiaceae)				
<input type="checkbox"/> <i>Hypericum majus</i>	large Canadian St. John's-wort	Jul-Sep	N(P)	E
<input type="checkbox"/> <i>Hypericum perforatum</i>	common St. John's-wort	Jun-Sep	A	E,W
<input type="checkbox"/> <i>Hypericum punctatum</i>	dotted or spotted St. John's-wort	Aug	N	E,W
LINDENS (Tiliaceae)				
<input type="checkbox"/> <i>Tilia americana</i>	American basswood	Jul	N	E,W
MALLOWS (Malvaceae)				
<input type="checkbox"/> <i>Abutilon theophrasti</i>	velvet-leaf	Jul-Oct	A	E,W
<input type="checkbox"/> <i>Hibiscus moscheutos</i> [= <i>H. palustris</i>]	swamp rosemallow	Aug-Sep	N	E
<input type="checkbox"/> <i>Hibiscus trionum</i>	flower-of-the-hour	Jul-Sep	A	E,W
ROCKROSES (Cistaceae)				
<input type="checkbox"/> <i>Helianthemum bicknellii</i>	plains frostweed	Jun-Jul	N(T)	E,W
VIOLETS (Violaceae)				
<input type="checkbox"/> <i>Viola canadensis</i>	Canada violet	Apr-Jun	N	E
<input type="checkbox"/> <i>Viola conspersa</i>	American dog violet	May-Jul	N	E
<input type="checkbox"/> <i>Viola cucullata</i>	marsh blue violet	May	N	E,W
<input type="checkbox"/> <i>Viola pubescens</i>	downy or common yellow violet	May	N	E,W
<input type="checkbox"/> <i>Viola sororia</i>	woolly blue violet, freckled violet	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Viola striata</i>	striped cream violet, pale violet	May	N	E,W
GOURDS (Cucurbitaceae)				
<input type="checkbox"/> <i>Echinocystis lobata</i>	wild mock-cucumber	Jul-Sep	N	E,W
WILLOWS (Salicaceae)				
<input type="checkbox"/> <i>Populus deltoides</i>	eastern cotton-wood	Apr-May	N	E,W
<input type="checkbox"/> <i>Populus grandidentata</i>	big-tooth aspen	Apr	N	E,W
<input type="checkbox"/> <i>Salix alba</i>	white willow	Apr-May	A	E
<input type="checkbox"/> <i>Salix amygdaloides</i>	peach-leaf willow	Apr-Jun	N	E
<input type="checkbox"/> <i>Salix babylonica</i>	weeping willow	Feb-May	A	E
<input type="checkbox"/> <i>Salix exigua</i> [= <i>Salix interior</i>]	sandbar willow	May-Jun	N	E,W
<input type="checkbox"/> <i>Salix fragilis</i>	crack willow	Apr-Jun	A	E
<input type="checkbox"/> <i>Salix nigra</i>	black willow	Apr-Jun	N	E,W
CAPERS (Capparaceae)				
<input type="checkbox"/> <i>Polanisia dodecandra</i>	rough-seed clammy-weed	Jul-Sep	N	E

MUSTARDS (Brassicaceae)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Alliaria petiolata</i> [= <i>A. officinalis</i>]	garlic mustard	Jul-Sep	A	E,W
<input type="checkbox"/> <i>Arabis laevigata</i>	smooth rock cress	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Barbarea vulgaris</i>	yellow rocket, common winter-cress	Jun	A	E,W
<input type="checkbox"/> <i>Brassica rapa</i> [= <i>B. campestris</i>]	field mustard	May-Oct	A	E
<input type="checkbox"/> <i>Cakile edentula</i>	American or inland searocket	Jul-Sep	N(P)	E
<input type="checkbox"/> <i>Cardamine bulbosa</i>	bulbous bitter-cress, spring cress	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Cardamine concatenata</i> [= <i>Dentaria laciniata</i>]	cut-leaf toothwort	Apr-May	N	E,W
<input type="checkbox"/> <i>Cardamine douglassii</i>	purple bitter-cress	Apr-May	N	E,W
<input type="checkbox"/> <i>Cardamine pennsylvanica</i>	Pennsylvania bitter-cress	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Hesperis matronalis</i>	dame's rocket	May-Jun	A	E,W
<input type="checkbox"/> <i>Noebeckia aquatica</i> [= <i>Armoracia aquatica</i>]	lakecress	May-Aug	N	E,W
<input type="checkbox"/> <i>Rorippa palustris</i> ssp. <i>hispida</i> [= <i>R. palustris</i> var. <i>hispida</i>]	bog yellow-cress, marsh cress	Jun-Jul	N	E
<input type="checkbox"/> <i>Sinapis alba</i> [= <i>Brassica hirta</i>]	white mustard	Jun-Aug	A	E
<input type="checkbox"/> <i>Sinapis arvensis</i> [= <i>Brassica kaber</i>]	charlock	May-Jul	A	E
HEATHS (Ericaceae)				
<input type="checkbox"/> <i>Vaccinium pallidum</i> [= <i>V. vacillans</i>]	low or hillside blueberry	Apr-Jun	N	E,W
PRIMROSES (Primulaceae)				
<input type="checkbox"/> <i>Lysimachia ciliata</i>	fringed loosestrife	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Lysimachia nummularia</i>	creeping Jennie, moneywort	Jun-Aug	A	E,W
<input type="checkbox"/> <i>Lysimachia quadrifolia</i>	whorled or prairie loosestrife	Jun-Jul	N	E,W
HYDRANGEAS (Hydrangeaceae)				
<input type="checkbox"/> <i>Hydrangea arborescens</i>	wild hydrangea	Jun-Jul	N	E
GOOSEBERRIES (Grossulariaceae)				
<input type="checkbox"/> <i>Ribes rubrum</i> [= <i>R. sativum</i>]	red currant	Apr-Jun	A	E,W
<input type="checkbox"/> <i>Ribes uva-crispa</i>	garden gooseberry	May-Jun	A	E
ORPINES (Crassulaceae)				
<input type="checkbox"/> <i>Sedum telephium</i>	live-forever	Aug-Sep	A	E
SAXIFRAGES (Saxifragaceae)				
<input type="checkbox"/> <i>Heuchera americana</i>	American alum-root	Apr-Jul	N	E,W
<input type="checkbox"/> <i>Penthorum sedoides</i>	ditch-stonecrop	Jul-Sep	N	E
ROSES (Rosaceae)				
<input type="checkbox"/> <i>Agrimonia gryposepala</i>	tall hairy grooverbur, agrimony	Jul-Aug	N	E,W
<input type="checkbox"/> <i>Agrimonia parviflora</i>	small-flower groovebur	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Amelanchier arborea</i>	downy service-berry	Apr	N	E,W
<input type="checkbox"/> <i>Crataegus mollis</i>	downy hawthorn	Sep-Oct	N	E
<input type="checkbox"/> <i>Crataegus</i> spp.	hawthorns	May-Jun	A	E,W
<input type="checkbox"/> <i>Fragaria virginiana</i>	Virginia or wild strawberry	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Geum canadense</i>	white avens	Jun	N	E,W
<input type="checkbox"/> <i>Geum laciniatum</i>	rough avens	Jun	N	E,W
<input type="checkbox"/> <i>Malus coronaria</i> [= <i>Pyrus coronaria</i> ; <i>M. angustifolia</i>]	wild crab, southern crab-apple	Mar-May	N	E,W
<input type="checkbox"/> <i>Malus pumila</i>	apple	Apr-Jun	A	E
<input type="checkbox"/> <i>Potentilla canadensis</i>	running five-finger, cinquefoil	Apr-Jun	N	E
<input type="checkbox"/> <i>Potentilla norvegica</i>	Norwegian or rough cinquefoil	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Potentilla recta</i>	rough-fruited cinquefoil	Jun-Aug	A	E,W
<input type="checkbox"/> <i>Potentilla simplex</i>	old-field or common cinquefoil	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Prunus americana</i>	American or wild plum	May-Jun	N	E,W
<input type="checkbox"/> <i>Prunus pennsylvanica</i>	pin cherry	Apr-May	N	E

	COMMON NAME	PHENOLOGY	ORIGIN	LOC
ROSES (continued)				
<input type="checkbox"/> <i>Prunus serotina</i>	black or wild cherry	May	N	E,W
<input type="checkbox"/> <i>Rosa blanda</i>	smooth stem rose	Jun	N(T)	E
<input type="checkbox"/> <i>Rosa carolina</i>	pasture or wild rose	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Rosa multiflora</i>	multiflora rose	Jun-Jul	A	E,W
<input type="checkbox"/> <i>Rosa palustris</i>	swamp rose	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Rosa setigera</i>	prairie or climbing rose	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Rubus canadensis</i>	smooth blackberry	Jun-Jul	N	E
<input type="checkbox"/> <i>Rubus flagellaris</i>	northern dewberry	May-Jun	N	E
<input type="checkbox"/> <i>Rubus occidentalis</i>	black raspberry	May-Jun	N	E,W
<input type="checkbox"/> <i>Rubus odoratus</i>	flowering raspberry	Jun-Aug	N	E
<input type="checkbox"/> <i>Spiraea alba</i>	narrow-leaf meadow-sweet	Jun-Aug	N	E
CAESALPINIAS (Caesalpiaceae)				
<input type="checkbox"/> <i>Cercis canadensis</i>	eastern redbud	Mar-May	N	E,W
<input type="checkbox"/> <i>Gymnocladus dioica</i> [= <i>G. canadensis</i>]	Kentucky coffee-tree	May	N	E,W
PEAS (Fabaceae)				
<input type="checkbox"/> <i>Amorpha fruticosa</i>	false indigo-bush	May-Jun	N	E
<input type="checkbox"/> <i>Amphicarpaea bracteata</i>	American hog-peanut	Aug-Sep	N	E,W
<input type="checkbox"/> <i>Apios americana</i>	American potato-bean, groundnut	Jul-Aug	N	E,W
<input type="checkbox"/> <i>Astragalus canadensis</i>	Canada milkvetch	Jul-Aug	N	E
<input type="checkbox"/> <i>Desmodium canadense</i>	showy tick-trefoil	Jul-Aug	N	E,W
<input type="checkbox"/> <i>Desmodium canescens</i>	hoary tick-trefoil	Jul-Sep	N	E
<input type="checkbox"/> <i>Desmodium glutinosum</i>	cluster-leaf tick-trefoil	Jul	N	E
<input type="checkbox"/> <i>Desmodium laevigatum</i>	smooth tick-trefoil	Jul-Aug	N	E
<input type="checkbox"/> <i>Desmodium paniculatum</i>	panicled tick-trefoil	Jul-Aug	N	E,W
<input type="checkbox"/> <i>Lespedeza capitata</i>	round-head bush clover	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Lespedeza virginica</i>	Virginia bush clover	Aug-Sep	N	E
<input type="checkbox"/> <i>Medicago lupulina</i>	black medick	May-Sep	A	E,W
<input type="checkbox"/> <i>Melilotus albus</i> [= <i>M. alba</i>]	white sweetclover	Jul-Sep	A	E,W
<input type="checkbox"/> <i>Melilotus officinalis</i>	yellow sweetclover	Jun-Sep	A	E,W
<input type="checkbox"/> <i>Robinia pseudoacacia</i>	black locust	May-Jun	Z	E,W
<input type="checkbox"/> <i>Strophostyles helvula</i>	trailing wildbean	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Trifolium pratense</i>	red clover	May-Aug	A	E,W
<input type="checkbox"/> <i>Trifolium repens</i>	white clover	all summer	A	E,W
<input type="checkbox"/> <i>Vicia cracca</i>	bird vetch	Jul-Aug	A	E
OLEASTERS (Elaeagnaceae)				
<input type="checkbox"/> <i>Elaeagnus angustifolia</i>	Russian olive	Jun-Jul	A	E
WATER MILFOILS (Haloragaceae)				
<input type="checkbox"/> <i>Myriophyllum spicatum</i>	Eurasian water-milfoil	Jul-Sep	N	E
<input type="checkbox"/> <i>Proserpinaca palustris</i>	marsh or common mermaid-weed	Jul-Aug	N	E
LOOSESTRIFES (Lythraceae)				
<input type="checkbox"/> <i>Decodon verticillatus</i>	hairy swamp-loosestrife	Jul-Sep	N	E
<input type="checkbox"/> <i>Lythrum alatum</i>	winged loosestrife	Jun-Sep	N	E
<input type="checkbox"/> <i>Lythrum salicaria</i>	purple loosestrife	Jun-Sep	A	E
EVENING-PRIMROSE (Onagraceae)				
<input type="checkbox"/> <i>Circaea lutetiana</i> [= <i>C. quadrisulcata</i>]	common enchanter's nightshade	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Epilobium ciliatum</i>	hairy or northern willow-herb	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Epilobium ciliatum</i> ssp. <i>glandulosum</i> [= <i>E. glandulosum</i>]	willow-herb	Jul-Sep	N	E
<input type="checkbox"/> <i>Gaura biennis</i>	biennial butterfly-weed or gaura	Aug-Sep	N	E
<input type="checkbox"/> <i>Ludwigia palustris</i>	marsh seedbox, water-purslane	Aug	N	E
<input type="checkbox"/> <i>Oenothera biennis</i>	common evening-primrose	Jun-Sep	N	E,W

	COMMON NAME	PHENOLOGY	ORIGIN	LOC
DOGWOODS (Cornaceae)				
<input type="checkbox"/>	<i>Cornus amomum</i>	silky or knob-styled dogwood	May-Jul	N E,W
<input type="checkbox"/>	<i>Cornus drummondii</i>	rough-leaf dogwood	May-Jun	N E,W
<input type="checkbox"/>	<i>Cornus florida</i>	flowering dogwood	Apr-May	N E,W
<input type="checkbox"/>	<i>Cornus racemosa</i>	gray dogwood	May-Oct	N E,W
<input type="checkbox"/>	<i>Cornus sericea</i> [= <i>C. stolonifera</i>]	red-osier dogwood	May-Aug	N E,W
<input type="checkbox"/>	<i>Nyssa sylvatica</i>	black gum	May-Jun	N E,W
SANDALWOODS (Santalaceae)				
<input type="checkbox"/>	<i>Comandra umbellata</i>	umbellate bastard-toadflax	May-Jul	N E
STAFF-TREES (Celastraceae)				
<input type="checkbox"/>	<i>Celastrus scandens</i>	American bitterweet	Jun	N E,W
<input type="checkbox"/>	<i>Euonymus fortunei</i>	bigleaf or Chinese wintercreeper	May	A E,W
HOLLIES (Aquifoliaceae)				
<input type="checkbox"/>	<i>Ilex verticillata</i>	common winterberry	May-Jun	N E
SPURGES (Euphorbiaceae)				
<input type="checkbox"/>	<i>Acalypha virginica</i> var. <i>rhomboidea</i> [= <i>A. rhomboidea</i>]	three-seed mercury	Sep	N E,W
<input type="checkbox"/>	<i>Chamaesyce polygonifolia</i> [= <i>Euphorbia polygonifolia</i>]	seaside broomspurge, seaside spurge	Jul-Oct	N(P) E
<input type="checkbox"/>	<i>Euphorbia corollata</i>	flowering spurge	Jun-Sep	N E
<input type="checkbox"/>	<i>Euphorbia dentata</i>	toothed spurge	Jun-Sep	N E
BUCKTHORNS (Rhamnaceae)				
<input type="checkbox"/>	<i>Ceanothus americanus</i>	New Jersey tea	Jun-Jul	N E,W
GRAPES (Vitaceae)				
<input type="checkbox"/>	<i>Parthenocissus quinquefolia</i> [= <i>P. inserta</i>]	Virginia or thicket creeper	Jun	N E,W
<input type="checkbox"/>	<i>Vitis aestivalis</i>	summer grape	May-Oct	N E,W
<input type="checkbox"/>	<i>Vitis riparia</i>	riverbank grape	May-Jul	N E,W
MILKWORTS (Polygalaceae)				
<input type="checkbox"/>	<i>Polygala verticillata</i>	whorled milkwort	Jul-Oct	N E
BLADDER-NUTS (Staphyleaceae)				
<input type="checkbox"/>	<i>Staphylea trifolia</i>	American bladdernut	May	N E
HORSE-CHESTNUTS (Hippocastanaceae)				
<input type="checkbox"/>	<i>Aesculus glabra</i>	Ohio buckeye	Apr-May	N E,W
MAPLES (Aceraceae)				
<input type="checkbox"/>	<i>Acer palmatum</i>	Japanese maple		A E
<input type="checkbox"/>	<i>Acer platanoides</i>	Norway maple	Apr-May	A E,W
<input type="checkbox"/>	<i>Acer rubrum</i>	red maple	Mar-Apr	N E,W
<input type="checkbox"/>	<i>Acer saccharinum</i>	silver maple	Mar-Apr	N E,W
<input type="checkbox"/>	<i>Acer saccharum</i>	sugar maple	Apr-Jun	N E,W
CASHEWS (Anacardiaceae)				
<input type="checkbox"/>	<i>Rhus glabra</i>	smooth sumac	Jun-Jul	N E,W
<input type="checkbox"/>	<i>Rhus hirta</i> [= <i>R. typhina</i>]	staghorn sumac	Jun-Aug	N E,W
<input type="checkbox"/>	<i>Toxicodendron radicans</i> [= <i>R. radicans</i>]	poison ivy	May-Jun	N E,W
WOOD SORRELS (Oxalidaceae)				
<input type="checkbox"/>	<i>Oxalis stricta</i> [= <i>O. europaea</i>]	common yellow wood sorrel	Aug	N E,W
<input type="checkbox"/>	<i>Oxalis violacea</i>	violet wood sorrel	Apr-Jun	N E,W

GERANIUMS (Geraniaceae)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Geranium maculatum</i>	purple crane's-bill, wild geranium	Apr-Jun	N	E,W
MEADOW-FOAMS (Limnanthaceae)				
<input type="checkbox"/> <i>Floerkea proserpinacoides</i>	false mermaid-weed	Apr-May	N	E,W
JEWELWEEDS (Balsaminaceae)				
<input type="checkbox"/> <i>Impatiens capensis</i>	spotted touch-me-not, jewelweed	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Impatiens pallida</i>	pale touch-me-not	Jun-Sep	N	E,W
CARROTS (Apiaceae)				
<input type="checkbox"/> <i>Cicuta maculata</i>	spotted water-hemlock	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Cryptotaenia canadensis</i>	Canada honewort	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Daucus carota</i>	wild carrot, Queen Anne's lace	May-Oct	A	E,W
<input type="checkbox"/> <i>Osmorhiza claytonii</i>	hairy or woolly sweetcicely	May-Jun	N	E,W
<input type="checkbox"/> <i>Osmorhiza longistylis</i>	smooth sweetcicely	May-Jun	N	E,W
<input type="checkbox"/> <i>Sanicula canadensis</i>	Canada sanicle or black snakeroot	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Sium suave</i>	hemlock water-parsnip	Jul-Sep	N	E
<input type="checkbox"/> <i>Taenidia integerrima</i>	yellow pimpernel	Apr-Jun	N	E
<input type="checkbox"/> <i>Thaspium trifoliatum</i>	smooth meadow-parsnip	May-Jun	N	E
GENTIANS (Gentianaceae)				
<input type="checkbox"/> <i>Frasera caroliniensis</i> [= <i>Swertia caroliniensis</i>]	American columbo	May-Jun	N	E,W
<input type="checkbox"/> <i>Gentiana andrewsii</i>	fringe-top bottle or closed gentian	Sep	N	E
<input type="checkbox"/> <i>Sabatia angularis</i>	square-stem rose-gentian	Jul-Sep	N	E,W
DOGBANES (Apocynaceae)				
<input type="checkbox"/> <i>Apocynum cannabinum</i> [= <i>A. sibiricum</i>]	clasping-leaf dogbane, Indian hemp	Jun-Sep	N(E)	E,W
MILKWEEDS (Asclepiadaceae)				
<input type="checkbox"/> <i>Asclepias incarnata</i>	swamp milkweed	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Asclepias sullivantii</i>	smooth milkweed	Jun-Jul	N	E
<input type="checkbox"/> <i>Asclepias syriaca</i>	common milkweed	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Asclepias tuberosa</i>	butterfly-weed	Jun-Sep	N	E,W
NIGHTSHADES (Solanaceae)				
<input type="checkbox"/> <i>Datura stramonium</i>	jimsonweed	Jun-Aug	Z	E,W
<input type="checkbox"/> <i>Solanum dulcamara</i>	climbing or bitter-sweet nightshade	Jun-Sep	A	E,W
<input type="checkbox"/> <i>Solanum ptychanthum</i> [= <i>S. nigrum</i> misapplied]	black or common nightshade	May-Sep	N	E,W
MORNING-GLORIES (Convolvulaceae)				
<input type="checkbox"/> <i>Calystegia sepium</i> [= <i>Convolvulus sepium</i>]	hedge bindweed	May-Sep	N	E,W
<input type="checkbox"/> <i>Convolvulus arvensis</i>	field bindweed	May-Sep	A	E,W
DODDERS (Cuscutaceae)				
<input type="checkbox"/> <i>Cuscuta gronovii</i>	common dodder	Jul-Oct	N	E,W
<input type="checkbox"/> <i>Cuscuta polygonorum</i>	smartweed dodder	Jul-Sep	N	E
PHLOXES (Polemoniaceae)				
<input type="checkbox"/> <i>Phlox divaricata</i>	woodland or blue phlox	Apr-Jun	N	E,W
WATERLEAFS (Hydrophyllaceae)				
<input type="checkbox"/> <i>Hydrophyllum virginianum</i>	Virginia waterleaf	May-Jun	N	E,W
BORAGES (Boraginaceae)				
<input type="checkbox"/> <i>Symphytum officinale</i>	common comfrey	Jun-Aug	A	E

VERVAINS (Verbenaceae)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Phryma leptostachya</i>	lopseed	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Verbena hastata</i>	blue vervain	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Verbena x illicita</i>	hybrid vervain	Jul-Aug	N	E
<input type="checkbox"/> <i>Verbena urticifolia</i>	white vervain	Jun-Oct	N	E,W
MINTS (Lamiaceae)				
<input type="checkbox"/> <i>Collinsonia canadensis</i>	Canada horse-balm	Jul-Sep	N	E
<input type="checkbox"/> <i>Lamium purpureum</i>	purple or red dead nettle	Apr-Oct	A	E,W
<input type="checkbox"/> <i>Lycopus americanus</i>	American bugleweed	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Lycopus europaeus</i>	European bugleweed	Jun-Sep	A	E
<input type="checkbox"/> <i>Lycopus x sherardii</i>	hybrid water horehound	Jun-Sep	N	E
<input type="checkbox"/> <i>Lycopus uniflorus</i>	northern bugleweed, water horehound	Jun-Sep	N	E
<input type="checkbox"/> <i>Lycopus virginicus</i>	Virginia bugleweed	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Mentha arvensis</i> [= <i>M. gentilis</i>]	field mint	Jul-Aug	N	E,W
<input type="checkbox"/> <i>Mentha x gracilis</i> [= <i>M. x cardiaca</i>]	small-leaf mint	Jul-Aug	A	E
<input type="checkbox"/> <i>Monarda fistulosa</i>	wild bergamot	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Nepeta cataria</i>	catnip	Jun-Oct	A	E,W
<input type="checkbox"/> <i>Prunella vulgaris</i>	heal-all, self-heal	Jun-Oct	A	E,W
<input type="checkbox"/> <i>Pycnanthemum virginianum</i>	Virginia mountain-mint	Jul-Sep	N	E
<input type="checkbox"/> <i>Scutellaria galericulata</i> [= <i>S. epilobifolia</i>]	hooded or marsh skullcap	Jun-Aug	N	E
<input type="checkbox"/> <i>Scutellaria lateriflora</i>	blue or mad-dog skullcap	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Stachys tenuifolia</i> [= <i>S. tenuifolia</i> var. <i>hispida</i> ; <i>S. hispida</i>]	smooth or common hedgenettle	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Teucrium canadense</i>	American germander	Jun-Aug	N	E
PLANTAINS (Plantaginaceae)				
<input type="checkbox"/> <i>Plantago major</i>	common plantain	Jul-Sep	A	E,W
OLIVES (Oleaceae)				
<input type="checkbox"/> <i>Fraxinus americana</i>	white ash	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Fraxinus pennsylvanica</i> [= <i>F. p.</i> var. <i>subintegerrima</i>]	green ash	May	N	E
<input type="checkbox"/> <i>Ligustrum vulgare</i>	common or European privet	Jun	A	E,W
FIGWORTS (Scrophulariaceae)				
<input type="checkbox"/> <i>Antirrhinum majus</i>	common snapdragon	Jun-Sep	A	E
<input type="checkbox"/> <i>Chaenorrhinum minus</i>	lesser toadflax	Jun-Sep	A	E
<input type="checkbox"/> <i>Chelone glabra</i>	white turtlehead	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Linaria vulgaris</i>	butter-and-eggs	Jul-Aug	A	E
<input type="checkbox"/> <i>Lindernia dubia</i>	yellow-seed false-pimpernel	Jul-Sep	N	E
<input type="checkbox"/> <i>Mimulus alatus</i>	sharp-wing monkey-flower	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Mimulus ringens</i>	Allegheny or common monkey-flower	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Pedicularis lanceolata</i>	swamp lousewort	Aug-Sep	N	E,W
<input type="checkbox"/> <i>Penstemon hirsutus</i>	hairy beardtongue	May-Jul	N	E
<input type="checkbox"/> <i>Scrophularia lanceolata</i>	lance-leaf or American figwort	May-Jul	N	E
<input type="checkbox"/> <i>Verbascum thapsus</i>	common or woolly mullein	Jun-Sep	A	E,W
<input type="checkbox"/> <i>Veronica arvensis</i>	corn speedwell	Apr-Sep	A	E,W
<input type="checkbox"/> <i>Veronica serpyllifolia</i>	thyme-leaf speedwell	May-Aug	A	E,W
<input type="checkbox"/> <i>Veronicastrum virginicum</i>	Culver's-root	Jun-Aug	N	E
BIGNONIAS (Bignoniaceae)				
<input type="checkbox"/> <i>Campsis radicans</i>	trumpet creeper	Jul-Aug	Z	E,W
<input type="checkbox"/> <i>Catalpa bignonioides</i>	southern catalpa	Jun-Jul	C	E

	COMMON NAME	PHENOLOGY	ORIGIN	LOC
BLUEBELLS (Campanulaceae)				
<input type="checkbox"/> <i>Lobelia cardinalis</i>	cardinal flower	Jul-Sep	N	E
<input type="checkbox"/> <i>Lobelia inflata</i>	Indian-tobacco	Jul-Oct	N	E,W
<input type="checkbox"/> <i>Lobelia siphilitica</i>	great blue lobelia	Aug-Sep	N	E,W
<input type="checkbox"/> <i>Triodanis perfoliata</i> [= <i>Specularia perfoliata</i>]	clasping-leaf Venus'-looking-glass	May-Jun	N	E,W
MADDERS (Rubiaceae)				
<input type="checkbox"/> <i>Cephalanthus occidentalis</i>	common buttonbush	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Galium aparine</i>	catchweed bedstraw, cleavers	May-Jul	N	E,W
<input type="checkbox"/> <i>Galium asprellum</i>	rough bedstraw	May-Aug	N	E
<input type="checkbox"/> <i>Galium circaeazans</i>	forest bedstraw	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Galium tinctorium</i>	stiff marsh bedstraw	Jun-Aug	N	E
<input type="checkbox"/> <i>Galium triflorum</i>	sweet-scent bedstraw	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Houstonia caerulea</i> [= <i>Hedyotis caerulea</i>]	innocence, bluets	Apr-Jun	N	E,W
HONEYSUCKLES (Caprifoliaceae)				
<input type="checkbox"/> <i>Lonicera dioica</i> var. <i>dioica</i>	mountain honeysuckle	May-Jun	N	E
<input type="checkbox"/> <i>Lonicera dioica</i> var. <i>glaucescens</i>	wild honeysuckle	May-Jun	N	E
<input type="checkbox"/> <i>Lonicera japonica</i>	Japanese honeysuckle	May-Sep	N	E,W
<input type="checkbox"/> <i>Sambucus nigra</i> ssp. <i>canadensis</i> [= <i>S. canadensis</i>]	American elder, common elderberry	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Triosteum perfoliatum</i>	tinker's weed, perfoliate horse-gentian	May-Jul	N	E,W
<input type="checkbox"/> <i>Viburnum acerifolium</i>	maple-leaf viburnum, dockmackie	May-Jun	N	E,W
<input type="checkbox"/> <i>Viburnum dentatum</i> var. <i>lucidum</i> [= <i>V. recognitum</i>]	southern arrow-wood	May-Jul	N	E,W
<input type="checkbox"/> <i>Viburnum lentago</i>	nannyberry	May-Jun	N	E,W
<input type="checkbox"/> <i>Viburnum opulus</i>	guelder rose, Euro cranberry	Jun-Jul	A	E,W
<input type="checkbox"/> <i>Viburnum prunifolium</i>	black-haw	Apr-May	N	E
VALERIANS (Valerianaceae)				
<input type="checkbox"/> <i>Valerianella radiata</i>	beaked cornsalad	Apr-May	N	E,W
<input type="checkbox"/> <i>Valerianella umbilicata</i>	navel-shape cornsalad	May-Jun	N	E
TEASELS (Dipsacaceae)				
<input type="checkbox"/> <i>Dipsacus fullonum</i> ssp. <i>sylvestris</i> [= <i>D. sylvestris</i>]	teasel	Jul-Sep	A	E,W
COMPOSITES (Asteraceae)				
<input type="checkbox"/> <i>Achillea millefolium</i>	common yarrow	Jun-Oct	N	E,W
<input type="checkbox"/> <i>Ageratina altissima</i> [= <i>Eupatorium rugosum</i> ; <i>E. ageratooides</i>]	white snakeroot	Jul-Oct	N	E,W
<input type="checkbox"/> <i>Ambrosia artemisiifolia</i>	annual or common ragweed	Aug-Sep	N	E,W
<input type="checkbox"/> <i>Ambrosia trifida</i>	great or giant ragweed	Jul-Oct	N	E,W
<input type="checkbox"/> <i>Antennaria plantaginifolia</i>	plantain pussytoes	Apr-Aug	N	E
<input type="checkbox"/> <i>Arctium minus</i>	common burdock	Jul-Oct	A	E,W
<input type="checkbox"/> <i>Arnoglossum atriplicifolium</i> [= <i>Cacalia atriplicifolia</i>]	pale Indian-plantain	Jul-Sep	N	E
<input type="checkbox"/> <i>Artemisia campestris</i>	beach wormwood	Jul-Sep	N(T)	E
<input type="checkbox"/> <i>Artemisia campestris</i> ssp. <i>caudata</i>	wormwood [= <i>A. caudata</i>]	Jul-Sep	N	E
<input type="checkbox"/> <i>Aster cordifolius</i>	common blue heart-leaved aster	Aug-Oct	N	E,W
<input type="checkbox"/> <i>Aster cordifolius</i> var. <i>sagittifolius</i> [= <i>A. sagittifolius</i>]	arrow-leaved aster	Aug-Oct	N	E,W
<input type="checkbox"/> <i>Aster dumosus</i>	bush aster	Aug-Oct	N(T)	E
<input type="checkbox"/> <i>Aster ericoides</i>	white heath aster	Jul-Oct	N	E
<input type="checkbox"/> <i>Aster laevis</i>	smooth aster	Aug-Oct	N	E

COMPOSITES (continued)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Aster lanceolatus</i> [= <i>A. paniculatus</i> ; <i>A. simplex</i>]	panicked aster	Aug-Oct	N	E,W
<input type="checkbox"/> <i>Aster lateriflorus</i> [= <i>Aster vimineus</i>]	calico aster	Aug-Oct	N	E,W
<input type="checkbox"/> <i>Aster novae-angliae</i>	New England aster	Aug-Oct	N	E,W
<input type="checkbox"/> <i>Aster oolentangiensis</i> [= <i>A. azureus</i>]	prairie heart-leaved aster	Aug-Oct	N	E
<input type="checkbox"/> <i>Aster pilosus</i> var. <i>demotus</i> [= <i>A. racemosus</i>]	coastal-plain aster	Oct	N	E,W
<input type="checkbox"/> <i>Aster praealtus</i>	willow-leaf aster	Sep-Oct	N	E
<input type="checkbox"/> <i>Aster shortii</i>	midwestern blue heart-leaved aster	Aug-Oct	N	E
<input type="checkbox"/> <i>Aster undulatus</i>	clasping heart-leaved aster	Aug-Oct	N	E
<input type="checkbox"/> <i>Bidens cernua</i>	nodding beggar-ticks	Sep-Oct	N	E,W
<input type="checkbox"/> <i>Bidens connata</i>	purple-stem beggar-ticks	Sep-Oct	N	E
<input type="checkbox"/> <i>Bidens frondosa</i>	devil's beggar-ticks	Sep-Oct	N	E,W
<input type="checkbox"/> <i>Bidens laevis</i>	smooth beggar-ticks, tickseed	Aug-Nov	N	E
<input type="checkbox"/> <i>Cichorium intybus</i>	chicory	Jun-Oct	A	E,W
<input type="checkbox"/> <i>Cirsium arvense</i>	creeping thistle	Jul-Oct	A	E,W
<input type="checkbox"/> <i>Cirsium vulgare</i>	bull thistle	Jul-Sep	A	E,W
<input type="checkbox"/> <i>Conyza canadensis</i> [= <i>Erigeron canadensis</i>]	horseweed	late summer- autumn	N	E,W
<input type="checkbox"/> <i>Coreopsis tripteris</i>	tall tickseed	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Eclipta prostrata</i> [= <i>E. alba</i>]	yerba de tajo, pie-plate-plant	Aug-Oct	N	E
<input type="checkbox"/> <i>Erigeron annuus</i>	white-top fleabane	Jun-Oct	N	E,W
<input type="checkbox"/> <i>Erigeron philadelphicus</i>	Philadelphia or daisy fleabane	Apr-May	N	E,W
<input type="checkbox"/> <i>Erigeron strigosus</i>	prairie fleabane	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Eupatorium altissimum</i>	tall eupatorium	Jul-Sep	N	E
<input type="checkbox"/> <i>Eupatorium maculatum</i>	spotted Joe-pye-weed	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Eupatorium perfoliatum</i>	common boneset	Jul-Oct	N	E,W
<input type="checkbox"/> <i>Eupatorium pilosum</i>	hairy thoroughwort	Aug-Sep	N	E
<input type="checkbox"/> <i>Euthamia graminifolia</i>	flat-top fragrant-golden-rod	Jul-Oct	N	E,W
<input type="checkbox"/> <i>Euthamia tenuifolia</i> [= <i>Solidago tenuifolia</i>]	narrow-leaf fragrant-golden-rod	Aug-Oct	N	E
<input type="checkbox"/> <i>Galinsoga parviflora</i>	lesser quickweed or galinsoga	Jun-Oct	A	E,W
<input type="checkbox"/> <i>Helenium autumnale</i>	common sneezeweed	Aug-Oct	N	E
<input type="checkbox"/> <i>Helianthus divaricatus</i>	divaricate sunflower	Jul-Oct	N	E
<input type="checkbox"/> <i>Helianthus hirsutus</i>	hairy sunflower	Jul-Oct	N	E
<input type="checkbox"/> <i>Helianthus strumosus</i>	rough-leaved sunflower	Jul-Sep	N	E
<input type="checkbox"/> <i>Helianthus tuberosus</i>	Jerusalem artichoke	Aug-Oct	N	E,W
<input type="checkbox"/> <i>Heliopsis helianthoides</i>	ox-eye, sunflower-everlasting	Jul-Oct	N	E
<input type="checkbox"/> <i>Hieracium aurantiacum</i>	orange-red king-devil or hawkweed	Jun-Sep	A	E,W
<input type="checkbox"/> <i>Hieracium caespitosum</i> [= <i>Hieracium pratense</i>]	yellow king-devil, field hawkweed	May-Sep	A	E,W
<input type="checkbox"/> <i>Hieracium venosum</i>	veiny hawkweed	May-Jul	N	E
<input type="checkbox"/> <i>Krigia biflora</i>	two-flower dwarf-dandelion, Cynthia	May-Oct	N	E
<input type="checkbox"/> <i>Lactuca canadensis</i>	tall yellow or wild lettuce	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Lactuca floridana</i>	woodland lettuce	Jun-Sep	N	E
<input type="checkbox"/> <i>Liatris spicata</i>	spiked gayfeather, blazing star	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Oligoneuron ohioense</i> [= <i>Solidago ohioensis</i>]	Ohio golden-rod	Aug-Sep	N(P)	E
<input type="checkbox"/> <i>Prenanthes alba</i>	white rattlesnake-root or lettuce	Aug-Sep	N	E,W
<input type="checkbox"/> <i>Prenanthes serpentaria</i>	lion's foot	Aug-Oct	N	E
<input type="checkbox"/> <i>Rudbeckia fulgida</i>	orange coneflower	Jul-Oct	N	E
<input type="checkbox"/> <i>Rudbeckia hirta</i>	black-eyed Susan	Jun-Oct	N	E,W
<input type="checkbox"/> <i>Rudbeckia laciniata</i>	cut-leaf or greenheaded coneflower	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Senecio aureus</i>	golden ragwort	Apr-Aug	N	E,W
<input type="checkbox"/> <i>Senecio glabellus</i>	grass-leaf groundsel	May-Jul	N	E
<input type="checkbox"/> <i>Senecio obovatus</i> [= <i>S. rotundus</i>]	round-leaf groundsel	Apr-Jun	N	E,W

COMPOSITES (continued)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Silphium trifoliatum</i>	whorled rosinweed	Jul-Sep	N	E, W
<input type="checkbox"/> <i>Solidago caesia</i>	wreath golden-rod	Aug-Oct	N	E, W
<input type="checkbox"/> <i>Solidago canadensis</i>	Canada golden-rod	Jul-Sep	N	E, W
<input type="checkbox"/> <i>Solidago gigantea</i>	giant golden-rod	Aug-Oct	N	E
<input type="checkbox"/> <i>Solidago juncea</i>	early golden-rod	Jul-Sep	N	E
<input type="checkbox"/> <i>Solidago rugosa</i>	wrinkled golden-rod	Aug-Oct	N	E, W
<input type="checkbox"/> <i>Solidago speciosa</i>	showy golden-rod	Aug-Oct	N	E
<input type="checkbox"/> <i>Solidago ulmifolia</i>	elm-leaved golden-rod	Aug-Oct	N	E
<input type="checkbox"/> <i>Sonchus asper</i>	prickly sowthistle	Jun-Oct	A	E, W
<input type="checkbox"/> <i>Taraxacum officinale</i>	common dandelion	Mar-Dec	A	E, W
<input type="checkbox"/> <i>Verbesina alternifolia</i> [= <i>Actinomeris alternifolia</i>]	wingstem	Aug-Oct	N	E, W
<input type="checkbox"/> <i>Verbesina occidentalis</i> [= <i>Actinomeris occidentalis</i>]	southern flatseed-sunflower, yellow crownbeard	Jun-Oct	N(E)	E
<input type="checkbox"/> <i>Vernonia gigantea</i> [= <i>V. altissima</i>]	tail ironweed	Aug-Oct	N	E, W
<input type="checkbox"/> <i>Xanthium strumarium</i>	rough cockle-bur	Aug-Sep	N	E, W
FLOWERING RUSHES (Butomaceae)				
<input type="checkbox"/> <i>Butomus umbellatus</i>	flowering-rush	Jun-Sep	A	E
WATER-PLANTAINS (Alismataceae)				
<input type="checkbox"/> <i>Alisma subcordatum</i>	subcordate water-plantain	Jun-Sep	N	E
<input type="checkbox"/> <i>Alisma triviale</i> [= <i>A. plantago-aquatica</i> var. <i>americanum</i>]	broad-leaf water-plantain	Jun-Sep	N(T)	E
<input type="checkbox"/> <i>Sagittaria latifolia</i>	broad-leaf arrow-head	Jul-Sep	N	E, W
FROG'S-BITES (Hydrocharitaceae)				
<input type="checkbox"/> <i>Elodea canadensis</i>	broad water-weed	Jul-Sep	N	E, W
PONDWEEDS (Potamogetonaceae)				
<input type="checkbox"/> <i>Potamogeton crispus</i>	curly pondweed	May-Sep	A	E
<input type="checkbox"/> <i>Potamogeton foliosus</i>	leafy pondweed	Jul-Oct	N	E
<input type="checkbox"/> <i>Potamogeton nodosus</i>	long-leaf pondweed	Aug-Sep	N	E
<input type="checkbox"/> <i>Potamogeton pectinatus</i>	sago pondweed	Jul-Aug	N	E
SWEETFLAGS (Acoraceae)				
<input type="checkbox"/> <i>Acorus americanus</i>	sweetflag	May-Jun	N	E, W
<input type="checkbox"/> <i>Acorus calamus</i>	sweetflag	May-Jun	N	E
ARUMS (Araceae)				
<input type="checkbox"/> <i>Arisaema triphyllum</i> [= <i>A. atrorubens</i>]	swamp Jack-in-the-pulpit	Apr-Jun	N	E, W
<input type="checkbox"/> <i>Peltandra virginica</i>	arrow arum	May-Jun	N	E
<input type="checkbox"/> <i>Symplocarpus foetidus</i>	skunk-cabbage	Mar-Apr	N	E, W
DUCKWEEDS (Lemnaceae)				
<input type="checkbox"/> <i>Lemna minor</i>	lesser duckweed	Jun-Aug	N	E, W
<input type="checkbox"/> <i>Spirodela polyrrhiza</i>	greater duckweed	Jun-Aug	A	E
<input type="checkbox"/> <i>Wolffia columbiana</i>	Columbia water-meal, wolffia		N	E, W
SPIDERWORTS (Commelinaceae)				
<input type="checkbox"/> <i>Commelina communis</i>	Asiatic dayflower	Jun-Oct	A	E, W
<input type="checkbox"/> <i>Tradescantia virginiana</i>	Virginia spider-wort	spring	N	E
RUSHES (Juncaceae)				
<input type="checkbox"/> <i>Juncus acuminatus</i>	taper-tip rush	May-Aug	N	E
<input type="checkbox"/> <i>Juncus effusus</i>	soft rush	Aug	N	E, W
<input type="checkbox"/> <i>Juncus tenuis</i>	slender or path rush	May-Jul	N	E, W
<input type="checkbox"/> <i>Luzula multiflora</i>	common woodrush	Apr-Jul	N	E

SEDGES (Cyperaceae)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Bolboschoenus fluviatilis</i> [= <i>Scirpus fluviatilis</i>]	river bulrush	Jun-Aug	N	E
<input type="checkbox"/> <i>Carex albicans</i> [= <i>C. artitecta</i>]	closely-covered sedge	May-Aug	N	E
<input type="checkbox"/> <i>Carex amphibola</i> var. <i>turgida</i> [= <i>C. grisea</i>]	narrow-leaf sedge	May-Jul	N	E,W
<input type="checkbox"/> <i>Carex annectens</i>	yellow-fruit sedge	May-Jul	N	E
<input type="checkbox"/> <i>Carex aquatilis</i>	water or leafy tussock sedge	Jul-Aug	N(T)	E
<input type="checkbox"/> <i>Carex atherodes</i>	slough sedge	Jun-Aug	N(P)	E
<input type="checkbox"/> <i>Carex bebbii</i>	Bebb's sedge	Jun-Aug	N(P)	E
<input type="checkbox"/> <i>Carex bicknellii</i>	Bicknell's sedge	May-Jul	N(T)	E,W
<input type="checkbox"/> <i>Carex blanda</i>	woodland sedge	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Carex brevior</i>	shorter sedge	May-Jul	N	E
<input type="checkbox"/> <i>Carex cephalophora</i>	oval-leaf sedge	May-Jul	N	E
<input type="checkbox"/> <i>Carex comosa</i>	bearded or longhair sedge	Jun-Aug	N	E
<input type="checkbox"/> <i>Carex complanata</i>	hirsute sedge	May-Jul	N	E
<input type="checkbox"/> <i>Carex crinita</i>	fringed sedge	May-Aug	N	E,W
<input type="checkbox"/> <i>Carex crus-corvi</i>	raven-foot sedge	Jun-Jul	N(E)	E
<input type="checkbox"/> <i>Carex digitalis</i>	finger sedge	May-Jul	N	E,W
<input type="checkbox"/> <i>Carex echinata</i> [= <i>C. cephalantha</i>]	little prickly sedge	Jul-Sep	N(E)	E
<input type="checkbox"/> <i>Carex frankii</i>	Frank's sedge	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Carex grayi</i>	Asa Gray's sedge	Jun-Oct	N	E,W
<input type="checkbox"/> <i>Carex hirsutella</i>	slightly hirsute sedge	May-Jul	N	E
<input type="checkbox"/> <i>Carex intumescens</i>	bladder sedge	May-Sep	N	E,W
<input type="checkbox"/> <i>Carex lacustris</i>	lakebank sedge	May-Aug	N	E
<input type="checkbox"/> <i>Carex lasiocarpa</i>	woolly-fruit sedge	May-Aug	N(P)	E,W
<input type="checkbox"/> <i>Carex lupulina</i>	hop sedge	Jun-Oct	N	E,W
<input type="checkbox"/> <i>Carex pennsylvanica</i>	Pennsylvania sedge	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Carex radiata</i>	radiate sedge	May-Aug	N(P)	E
<input type="checkbox"/> <i>Carex retroflexa</i>	reflexed sedge	May-Jun	N(P)	E
<input type="checkbox"/> <i>Carex rosea</i> [= <i>C. convoluta</i>]	rose-like sedge	May-Jul	N	E,W
<input type="checkbox"/> <i>Carex squarrosa</i>	squarrose sedge	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Carex stipata</i>	awl-fruited sedge	May-Aug	N	E,W
<input type="checkbox"/> <i>Carex tribuloides</i>	blunt broom sedge	Jun-Sep	N	E
<input type="checkbox"/> <i>Carex vulpinoidea</i>	fox sedge	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Cyperus bipartitus</i> [= <i>C. rivularis</i>]	shining flatsedge	Sep	N	E
<input type="checkbox"/> <i>Cyperus erythrorhizos</i>	red-root flatsedge, umbrella-sedge	Aug-Oct	N	E
<input type="checkbox"/> <i>Cyperus esculentus</i>	chufa	Sep	N	E,W
<input type="checkbox"/> <i>Cyperus odoratus</i> [= <i>C. ferruginescens</i> ; <i>C. engelmannii</i>]	rusty or Englemann flatsedge	Aug-Sep	N	E
<input type="checkbox"/> <i>Cyperus strigosus</i>	straw-color flatsedge, galingale	Sep	N	E
<input type="checkbox"/> <i>Eleocharis ovata</i>	ovate spikerush	Aug-Oct	N(E)	E
<input type="checkbox"/> <i>Schoenoplectus pungens</i> [= <i>Scirpus americanus</i> ; <i>S. pungens</i>]	three-square bulrush	Jul-Aug	N	E
<input type="checkbox"/> <i>Schoenoplectus tabernaemontani</i> [= <i>Scirpus validus</i> ; <i>S. validus</i> var. <i>creber</i>]	soft-stem or great bulrush	Jul-Aug		E,W
<input type="checkbox"/> <i>Scirpus atrovirens</i>	green bulrush	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Scirpus cyperinus</i>	wool-grass	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Scirpus pedicellatus</i>	stalked bulrush	Jul-Aug	N	E
GRASSES (Poaceae)				
<input type="checkbox"/> <i>Aegilops cylindrica</i>	jointed goat-grass	Jul-Sep	A	E
<input type="checkbox"/> <i>Agrostis stolonifera</i>	spreading bentgrass	Jun-Sep	N	E
<input type="checkbox"/> <i>Andropogon gerardii</i>	big bluestem	Aug-Sep	N	E
<input type="checkbox"/> <i>Bromus japonicus</i>	Japanese brome	Jul-Aug	A	E
<input type="checkbox"/> <i>Bromus kalmii</i>	Kalm's brome	Jun-Aug	N	E
<input type="checkbox"/> <i>Calamagrostis canadensis</i>	blue-joint reedgrass	Jun-Sep	N	E

GRASSES (continued)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Cenchrus incertus</i> [= <i>C. pauciflorus</i>]	few-flower sandbur	Jul-Oct	A	E
<input type="checkbox"/> <i>Cinna arundinacea</i>	stout wood-reed grass	Aug	N	E
<input type="checkbox"/> <i>Dichanthelium acuminatum</i> var. <i>fasciculatum</i> [= <i>Panicum lanuginosum</i> ; <i>P. lanuginosum</i> var. <i>implicatum</i>]	panic grass	Jun-Sep; Jul-Nov	N	E, W
<input type="checkbox"/> <i>Digitaria sanguinalis</i>	hairy crabgrass	Sep-Oct	A	E, W
<input type="checkbox"/> <i>Echinochloa crus-galli</i>	barnyard grass	Sep	A	E, W
<input type="checkbox"/> <i>Echinochloa muricata</i> [= <i>E. pungens</i>]	rough barnyard grass	Jul-Sep	N	E
<input type="checkbox"/> <i>Echinochloa walteri</i>	coast cockspur, Walter's millet	Sep	N	E
<input type="checkbox"/> <i>Elymus canadensis</i>	nodding wild-rye	Jul-Oct	N	E
<input type="checkbox"/> <i>Elymus hystrix</i> [= <i>Hystrix patula</i>]	bottlebrush grass	Jun-Aug	N	E, W
<input type="checkbox"/> <i>Elymus villosus</i>	hairy wild-rye	Jun-Aug	N	E
<input type="checkbox"/> <i>Elymus virginicus</i>	Virginia wild-rye	Jul-Sep	N	E, W
<input type="checkbox"/> <i>Eragrostis pectinacea</i>	purple lovegrass	Aug-Sep	N	E, W
<input type="checkbox"/> <i>Glyceria striata</i>	fowl manna grass	May-Sep	N	E, W
<input type="checkbox"/> <i>Leersia oryzoides</i>	rice cutgrass	Aug	N	E, W
<input type="checkbox"/> <i>Leersia virginica</i>	whitegrass	Jul-Oct	N	E, W
<input type="checkbox"/> <i>Nardus stricta</i>	mat grass	Jun-Sep	A	E
<input type="checkbox"/> <i>Panicum capillare</i>	witchgrass	Sep	N	E, W
<input type="checkbox"/> <i>Panicum virgatum</i>	switchgrass	Jul-Sep	N	E
<input type="checkbox"/> <i>Phalaris arundinacea</i>	reed canary grass	Jun-Sep	Z	E, W
<input type="checkbox"/> <i>Phleum pratense</i>	timothy	Jul-Aug	A	E, W
<input type="checkbox"/> <i>Phragmites australis</i>	common reed	Jul-Sep	Z	E, W
<input type="checkbox"/> <i>Poa compressa</i>	Canada bluegrass	May-Sep	A	E, W
<input type="checkbox"/> <i>Poa pratensis</i>	Kentucky bluegrass	May-Aug	Z	E, W
<input type="checkbox"/> <i>Poa sylvestris</i>	woodland bluegrass	Apr-Jun	N	E
<input type="checkbox"/> <i>Schizachyrium scoparium</i> [= <i>Andropogon scoparius</i>]	little bluestem	Sep-Oct	N	E
<input type="checkbox"/> <i>Setaria faberi</i>	Faber's fox-tail grass	Aug-Sep	A	E, W
<input type="checkbox"/> <i>Setaria glauca</i>	yellow bristle grass	Sep	A	E, W
<input type="checkbox"/> <i>Sorghastrum nutans</i>	Indian grass	Sep	N	E
<input type="checkbox"/> <i>Sorghum halepense</i>	Johnson grass	Jul-Sep	A	E
<input type="checkbox"/> <i>Triplasis purpurea</i>	purple sand-grass	Aug-Oct	N(P)	E
BUR-REEDS (Sparganiaceae)				
<input type="checkbox"/> <i>Sparganium eurycarpum</i>	giant bur-reed	Jun-Sep	N	E
CATTAILS (Typhaceae)				
<input type="checkbox"/> <i>Typha angustifolia</i>	narrow-leaf cattail	May-Jul	Z	E, W
<input type="checkbox"/> <i>Typha x glauca</i>	blue cattail	May-Jul	N	E
<input type="checkbox"/> <i>Typha latifolia</i>	broad-leaf or common cattail	May-Jul	N	E, W
PICKERELWEEDS (Pontederiaceae)				
<input type="checkbox"/> <i>Pontederia cordata</i>	pickerel weed	Jun-Oct	N	E
LILIES (Liliaceae)				
<input type="checkbox"/> <i>Allium canadense</i>	meadow onion	May-Jul	N	E, W
<input type="checkbox"/> <i>Allium sativum</i>	garlic	May-Jun	A	E
<input type="checkbox"/> <i>Asparagus officinalis</i>	garden asparagus-fern	May-Jun	A	E, W
<input type="checkbox"/> <i>Erythronium albidum</i>	white fawnlily or trout-lily	Mar-May	N	E, W
<input type="checkbox"/> <i>Erythronium americanum</i>	yellow fawnlily or trout-lily	Mar-May	N	E, W
<input type="checkbox"/> <i>Hemerocallis fulva</i>	common orange day-lily	Jun-Aug	C	E, W
<input type="checkbox"/> <i>Hypoxis hirsuta</i>	eastern yellow stargrass	Jun-Sep	N	E
<input type="checkbox"/> <i>Lilium canadense</i>	Canada lily	Jun-Aug	N	E
<input type="checkbox"/> <i>Lilium michiganense</i>	Michigan lily	Jun-Jul	N	E

	COMMON NAME	PHENOLOGY	ORIGIN	LOC
LILIES (continued)				
<input type="checkbox"/> <i>Maianthemum racemosum</i> [= <i>Smilacina racemosa</i>]	feather false-Solomon's-seal	May-Jul	N	E, W
<input type="checkbox"/> <i>Polygonatum biflorum</i>	small Solomon's-seal	Apr-Jun	N	E
<input type="checkbox"/> <i>Trillium flexipes</i>	white or drooping trillium	Apr-Jun	N	E, W
<input type="checkbox"/> <i>Trillium grandiflorum</i>	large- or grand-flowered trillium	Apr-May	N	E, W
IRISES (Iridaceae)				
<input type="checkbox"/> <i>Iris pseudacorus</i>	yellow iris	May-Jul	A	E, W
<input type="checkbox"/> <i>Iris versicolor</i>	blueflag	May-Jul	N	E, W
<input type="checkbox"/> <i>Sisyrinchium albidum</i>	blue-eye-grass	May-Jun	N	E
<input type="checkbox"/> <i>Sisyrinchium mucronatum</i> [= <i>S. montanum</i> misapplied]	Michaux's blue-eye-grass	May-Jun	N(E)	E
CATBRIERS (Smilacaceae)				
<input type="checkbox"/> <i>Smilax tamnoides</i> [= <i>S. hispida</i>]	bristly greenbrier	May-Jul	N	E, W
YAMS (Dioscoreaceae)				
<input type="checkbox"/> <i>Dioscorea quaternata</i>	four-leaf yam	May	N	E
<input type="checkbox"/> <i>Dioscorea villosa</i>	yellow or wild yam	Jun-Jul	N	E, W
ORCHIDS (Orchidaceae)				
<input type="checkbox"/> <i>Epipactis helleborine</i> [= <i>E. latifolia</i>]	helleborine	Jul-Sep	A	E
<input type="checkbox"/> <i>Spiranthes cernua</i>	nodding ladies'-tresses	Aug-Sep	N	E
<input type="checkbox"/> <i>Spiranthes magnicamporum</i>	great plains ladies'-tresses	Sep-Oct	N(P)	E

CHECKLIST OF VASCULAR PLANTS FOR OLD WOMAN CREEK WATERSHED ABOVE THE ESTUARY

CLUBMOSES (Lycopodiaceae)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Lycopodium dendroideum</i>	tree-like clubmoss		N	W
<input type="checkbox"/> <i>Lycopodium obscurum</i>	tree clubmoss	Jul-Nov	N	W
HORSETAILS (Equisetaceae)				
<input type="checkbox"/> <i>Equisetum arvense</i>	field or common horsetail	Apr-Jul	N	E,W
<input type="checkbox"/> <i>Equisetum hyemale</i>	rough horsetail, scouring rush	Jun-Aug	N	W
ADDER'S TONGUES (Ophioglossaceae)				
<input type="checkbox"/> <i>Botrychium dissectum</i>	cut-leaf grapefern	Aug-Nov	N	W
<input type="checkbox"/> <i>Botrychium rugulosum</i> [= <i>B. ternatum</i>]	leathery grapefern		N	W
<input type="checkbox"/> <i>Botrychium virginianum</i>	rattlesnake fern	spring-early summer	N	E,W
ROYAL FERNS (Osmundaceae)				
<input type="checkbox"/> <i>Osmunda claytoniana</i>	interrupted fern	Mar-Jun	N	E,W
POLYPODIES (Polypodiaceae)				
<input type="checkbox"/> <i>Polypodium virginianum</i> [= <i>P. vulgare</i>]	common polypody	Jul-Aug	N	W
MAIDENHAIR FERNS (Adiantaceae)				
<input type="checkbox"/> <i>Adiantum pedatum</i>	northern maidenhair fern	Jun-Sep	N	E,W
SPLEENWORTS (Aspleniaceae)				
<input type="checkbox"/> <i>Athyrium filix-femina</i>	subarctic lady fern	Aug-Sep	N	E,W
<input type="checkbox"/> <i>Cystopteris bulbifera</i>	bulblet fern	Jun-Sep	N	W
<input type="checkbox"/> <i>Cystopteris tenuis</i>	fragile fern		N	W
<input type="checkbox"/> <i>Dryopteris carthusiana</i> [= <i>D. austriaca</i> var. <i>spinulosa</i>]	spinulose woodfern		N	E,W
<input type="checkbox"/> <i>Dryopteris intermedia</i> [= <i>D. austriaca</i> var. <i>intermedia</i>]	evergreen woodfern		N	W
<input type="checkbox"/> <i>Dryopteris marginalis</i>	marginal shield-fern or woodfern	Jun-Oct	N	W
<input type="checkbox"/> <i>Gymnocarpium dryopteris</i>	oak-fern		N(T)	W
<input type="checkbox"/> <i>Phegopteris hexagonoptera</i>	broad beech-fern		N	W
<input type="checkbox"/> <i>Polystichum acrostichoides</i>	Christmas fern	Jun-Oct	N	E,W
SENSITIVE FERNS (Onocleaceae)				
<input type="checkbox"/> <i>Onoclea sensibilis</i>	sensitive fern	Jun-Oct	N	E,W
PINES (Pinaceae)				
<input type="checkbox"/> <i>Tsuga canadensis</i>	eastern hemlock	May-Jun	N	E,W
CYPRESSES (Cupressaceae)				
<input type="checkbox"/> <i>Juniperus virginiana</i>	eastern red cedar	May	N	W
MAGNOLIAS (Magnoliaceae)				
<input type="checkbox"/> <i>Liriodendron tulipifera</i>	tulip tree, tulip-poplar	May-Jun	N	E,W
CUSTARD-APPLES (Annonaceae)				
<input type="checkbox"/> <i>Asimina triloba</i>	common or North American papaw	Apr-May	N	W
LAURELS (Lauraceae)				
<input type="checkbox"/> <i>Lindera benzoin</i>	northern spicebush	Mar-May	N	E,W
<input type="checkbox"/> <i>Sassafras albidum</i>	sassafras	Apr-May	N	E,W

	COMMON NAME	PHENOLOGY	ORIGIN	LOC
LIZARD'S TAILS (Saururaceae)				
<input type="checkbox"/> <i>Saururus cernuus</i>	lizard's tail	Jun-Aug	N	E,W
BIRTHWORTS (Aristolochiaceae)				
<input type="checkbox"/> <i>Aristolochia serpentaria</i>	Virginia snakeroot	May-Jul	N	W
<input type="checkbox"/> <i>Asarum canadense</i> [= <i>A. reflexum</i>]	wild or short-lobed ginger	Apr-May	N	E,W
BUTTERCUPS (Ranunculaceae)				
<input type="checkbox"/> <i>Actaea pachypoda</i>	white baneberry	May-Jun	N	W
<input type="checkbox"/> <i>Actaea rubra</i> [= <i>A. spicata</i> ssp. <i>rubra</i>]	red baneberry	May-Jun	N(T)	W
<input type="checkbox"/> <i>Anemone canadensis</i>	Canada thimble-weed	May-Aug	N	E,W
<input type="checkbox"/> <i>Anemone cylindrica</i>	long-headed anemone	May-Jun	N(T)	W
<input type="checkbox"/> <i>Anemone virginiana</i>	tall thimble-weed, windflower	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Aquilegia canadensis</i>	wild columbine	Apr-Jun	N	W
<input type="checkbox"/> <i>Caltha palustris</i>	common marsh marigold	Apr - May	N	E,W
<input type="checkbox"/> <i>Cimicifuga racemosa</i>	black snakeroot or cohosh	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Clematis virginiana</i>	Virginia virgin's-bower	Jul-Aug	N	E,W
<input type="checkbox"/> <i>Hepatica nobilis</i> var. <i>acuta</i> [= <i>H. acutiloba</i>]	sharp-lobed hepatica	Mar-Apr	N	E,W
<input type="checkbox"/> <i>Hydrastis canadensis</i>	goldenseal	May-Jun	N	E,W
<input type="checkbox"/> <i>Ranunculus abortivus</i>	subalpine buttercup	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Ranunculus acris</i>	tall or meadow buttercup	May-Sep	A	W
<input type="checkbox"/> <i>Ranunculus fascicularis</i>	early buttercup	Apr-May	N(P)	E,W
<input type="checkbox"/> <i>Ranunculus hispidus</i> var. <i>caricetorum</i>	bristly or hispid buttercup	Apr-May	N	E,W
<input type="checkbox"/> <i>Ranunculus hispidus</i> var. <i>nitidus</i> [= <i>R. septentrionalis</i>]	northern swamp buttercup	Mar-May	N	E,W
<input type="checkbox"/> <i>Ranunculus recurvatus</i>	hooked buttercup or crowfoot	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Ranunculus sceleratus</i>	celery-leaf buttercup	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Thalictrum dioicum</i>	early meadow-rue	May	N	E,W
<input type="checkbox"/> <i>Thalictrum pubescens</i> [= <i>T. polygamum</i>]	tall meadow-rue	Jul-Sep	N	W
BARBERRIES (Berberidaceae)				
<input type="checkbox"/> <i>Berberis thunbergii</i>	Japanese barberry	May	A	E,W
<input type="checkbox"/> <i>Caulophyllum thalictroides</i>	blue cohosh	Apr-Jun	N	W
<input type="checkbox"/> <i>Podophyllum peltatum</i>	may-apple	Apr-May	N	E,W
MOONSEEDS (Menispermaceae)				
<input type="checkbox"/> <i>Menispermum canadense</i>	Canada moonseed	Jun-Jul	N	E,W
POPIES (Papaveraceae)				
<input type="checkbox"/> <i>Chelidonium majus</i>	celandine	Apr-Aug	A	W
<input type="checkbox"/> <i>Sanguinaria canadensis</i>	bloodroot	Mar-May	N	E,W
FUMITORIES (Fumariaceae)				
<input type="checkbox"/> <i>Dicentra canadensis</i>	squirrel-corn	Apr-May	N	W
<input type="checkbox"/> <i>Dicentra cucullaria</i>	Dutchman's breeches	Apr-May	N	E,W
<input type="checkbox"/> <i>Fumaria officinalis</i>	fumitory	May-Aug	A	W
PLANE-TREES (Platanaceae)				
<input type="checkbox"/> <i>Platanus occidentalis</i>	American sycamore	Apr-Jun	N	E,W
WITCH HAZELS (Hamamelidaceae)				
<input type="checkbox"/> <i>Hamamelis virginiana</i>	American witch hazel	Sep-Nov	N	W
ELMS (Ulmaceae)				
<input type="checkbox"/> <i>Celtis occidentalis</i>	common or northern hackberry	Oct-Nov	N	E,W
<input type="checkbox"/> <i>Ulmus americana</i>	American or white elm	Mar-May	N	E,W
<input type="checkbox"/> <i>Ulmus pumila</i>	Siberian elm	Apr-May	A	W
<input type="checkbox"/> <i>Ulmus rubra</i>	slippery or red elm	Mar-Apr	N	E,W

	COMMON NAME	PHENOLOGY	ORIGIN	LOC
MULBERRIES (Moraceae)				
<input type="checkbox"/>	<i>Maclura pomifera</i>	osage-orange	May-Jun	Z W
<input type="checkbox"/>	<i>Morus alba</i>	white mulberry	May-Jun	C E,W
<input type="checkbox"/>	<i>Morus rubra</i>	red mulberry	Jun-Jul	N W
NETTLES (Urticaceae)				
<input type="checkbox"/>	<i>Parietaria pensylvanica</i>	Pennsylvania peillitory	May-Sep	N W
<input type="checkbox"/>	<i>Pilea pumila</i>	Canada clearweed	Jul-Sep	N E,W
<input type="checkbox"/>	<i>Urtica dioica</i>	stinging nettle	Jul-Aug	A E,W
<input type="checkbox"/>	<i>Urtica dioica</i> ssp. <i>gracilis</i> [= <i>U. gracilis</i> ; <i>U. procera</i>]	slender or tall nettle	Jul-Sep	A E,W
WALNUTS (Juglandaceae)				
<input type="checkbox"/>	<i>Carya cordiformis</i>	bitter-nut hickory	May	N E,W
<input type="checkbox"/>	<i>Carya ovata</i>	shag-bark hickory	May	N E,W
<input type="checkbox"/>	<i>Juglans cinerea</i>	butternut	May	N(P) W
<input type="checkbox"/>	<i>Juglans nigra</i>	black walnut	Apr-May	N E,W
BEECHES (Fagaceae)				
<input type="checkbox"/>	<i>Castanea dentata</i>	American chestnut	Jun-Aug	N(P) E,W
<input type="checkbox"/>	<i>Fagus grandifolia</i> [= <i>F. ferruginea</i>]	American beech	Apr-May	N E,W
<input type="checkbox"/>	<i>Quercus alba</i>	white oak	May-Jun	N E,W
<input type="checkbox"/>	<i>Quercus bicolor</i>	swamp white oak	May	N E,W
<input type="checkbox"/>	<i>Quercus coccinea</i>	scarlet oak	May	N E,W
<input type="checkbox"/>	<i>Quercus macrocarpa</i>	bur oak	May	N E,W
<input type="checkbox"/>	<i>Quercus palustris</i>	pin oak	May-Jun	N E,W
<input type="checkbox"/>	<i>Quercus rubra</i> var. <i>ambigua</i> [= <i>Q. borealis</i>]	northern red oak	May-Jun	N E,W
<input type="checkbox"/>	<i>Quercus velutina</i>	black oak	May	N E,W
BIRCHES & HAZELS (Betulaceae)				
<input type="checkbox"/>	<i>Carpinus caroliniana</i>	American hornbeam, ironwood	Apr	N W
<input type="checkbox"/>	<i>Corylus americana</i>	American hazel-nut	Mar-Apr	N E,W
<input type="checkbox"/>	<i>Ostrya virginiana</i>	eastern hop-hornbeam	Apr-May	N E,W
POKEWEEDS (Phytolaccaceae)				
<input type="checkbox"/>	<i>Phytolacca americana</i>	common pokeweed	Jun-Sep	N E,W
GOOSEFOOTS & PIGWEEDS (Chenopodiaceae)				
<input type="checkbox"/>	<i>Atriplex</i> sp.	orache	Jun-Nov	W
<input type="checkbox"/>	<i>Chenopodium album</i>	white goosefoot, lamb's quarters	Sep	A E,W
<input type="checkbox"/>	<i>Chenopodium simplex</i> [= <i>C. hybridum</i>]	maple-leaved goosefoot	Jun-Oct	N W
AMARANTHS (Amaranthaceae)				
<input type="checkbox"/>	<i>Amaranthus</i> sp.	pigweed	Aug-Oct	W
PURSLANES (Portulacaceae)				
<input type="checkbox"/>	<i>Claytonia virginica</i>	narrow-leaf springbeauty	Early spring	N E,W
<input type="checkbox"/>	<i>Portulaca oleracea</i>	common purslane	Jun-Sep	A E,W
CARPET-WEEDS (Molluginaceae)				
<input type="checkbox"/>	<i>Mollugo verticillata</i>	green carpet-weed	Jun-Nov	Z W
PINKS (Caryophyllaceae)				
<input type="checkbox"/>	<i>Arenaria serpyllifolia</i>	thyme-leaf sandwort	Apr-Aug	A W
<input type="checkbox"/>	<i>Cerastium fontanum</i> ssp. <i>vulgare</i> [= <i>C. vulgatum</i>]	common mouse-ear chickweed	Apr-Oct	A E,W
<input type="checkbox"/>	<i>Dianthus armeria</i>	Deptford pink	May-Jul	A W
<input type="checkbox"/>	<i>Saponaria officinalis</i>	bouncing-bet	Jun-Sep	A E,W

	COMMON NAME	PHENOLOGY	ORIGIN	LOC
PINKS (continued)				
<input type="checkbox"/> <i>Silene antirrhina</i>	sleepy catchfly	May-Sep	N	W
<input type="checkbox"/> <i>Silene latifolia</i> ssp. <i>alba</i> [= <i>S. pratensis</i>]	white campion	Apr-Aug	A	W
<input type="checkbox"/> <i>Stellaria graminea</i>	lesser starwort or stitchwort	May-Oct	A	W
<input type="checkbox"/> <i>Stellaria longifolia</i>	long-leaf starwort or stitchwort	May-Jul	N	W
<input type="checkbox"/> <i>Stellaria media</i>	common chickweed	Feb-Dec	A	W
BUCKWHEATS (Polygonaceae)				
<input type="checkbox"/> <i>Polygonum aviculare</i>	prostrate knotweed or smartweed	Jun-Nov	N	E,W
<input type="checkbox"/> <i>Polygonum cuspidatum</i>	Japanese knotweed	Aug-Sep	A	W
<input type="checkbox"/> <i>Polygonum hydropiper</i>	marshpepper smartweed	Jun-Nov	A	E,W
<input type="checkbox"/> <i>Polygonum lapathifolium</i>	willow-weed, nodding smartweed	Aug-Sep	N	E,W
<input type="checkbox"/> <i>Polygonum pensylvanicum</i> [= <i>P. p.</i> var. <i>eglandulosum</i>]	Pennsylvania smartweed	Aug-Sep	N	E,W
<input type="checkbox"/> <i>Polygonum persicaria</i>	lady's thumb	Jul-Sep	A	E,W
<input type="checkbox"/> <i>Polygonum sagittatum</i>	arrow-leaf tearthumb, arrow-vine	Sep	N	E,W
<input type="checkbox"/> <i>Polygonum scandens</i>	climbing false-buckwheat	Aug-Nov	N	W
<input type="checkbox"/> <i>Polygonum virginianum</i> [= <i>Tovara virginiana</i>]	Virginia knotweed, jumpseed	Aug	N	E,W
<input type="checkbox"/> <i>Rumex acetosella</i>	garden sorrel, sheep sorrel	Jun-Oct	A	E,W
<input type="checkbox"/> <i>Rumex crispus</i>	curly or sour dock	Jun-Sep	A	E,W
GARCINIAS (Clusiaceae)				
<input type="checkbox"/> <i>Hypericum ascyron</i> [= <i>H. pyramidatum</i>]	great St. John's-wort	Jun-Aug	N	W
<input type="checkbox"/> <i>Hypericum perforatum</i>	common St. John's-wort	Jun-Sep	A	E,W
<input type="checkbox"/> <i>Hypericum punctatum</i>	dotted or spotted St. John's-wort	Aug	N	E,W
LINDENS (Tiliaceae)				
<input type="checkbox"/> <i>Tilia americana</i>	American basswood	Jul	N	E,W
MALLOWS (Malvaceae)				
<input type="checkbox"/> <i>Abutilon theophrasti</i>	velvet-leaf	Jul-Oct	A	E,W
<input type="checkbox"/> <i>Hibiscus trionum</i>	flower-of-the-hour	Jul-Sep	A	E,W
<input type="checkbox"/> <i>Malva moschata</i>	musk mallow	Jun-Sep	A	W
<input type="checkbox"/> <i>Malva neglecta</i>	common mallow	Apr-Oct	A	W
<input type="checkbox"/> <i>Malva sylvestris</i>	high mallow	Jun-Aug	A	W
SUNDEWS (Droseraceae)				
<input type="checkbox"/> <i>Drosera rotundifolia</i>	round-leaf sundew	Jun-Aug	N(P)	W
ROCKROSES (Cistaceae)				
<input type="checkbox"/> <i>Helianthemum bicknellii</i> [= <i>H. majus</i> misapplied]	plains frostweed	Jun-Jul	N(T)	E,W
<input type="checkbox"/> <i>Lechea minor</i>	pinweed	Jul-Nov	N(T)	W
VIOLETS (Violaceae)				
<input type="checkbox"/> <i>Viola blanda</i>	sweet white violet	Apr-May	N	W
<input type="checkbox"/> <i>Viola cucullata</i>	marsh blue violet	May	N	E,W
<input type="checkbox"/> <i>Viola odorata</i>	white violet	Apr-May	A	W
<input type="checkbox"/> <i>Viola palmata</i> [= <i>V. triloba</i>]	three-lobed violet	Apr-May	N	W
<input type="checkbox"/> <i>Viola pubescens</i>	downy or common yellow violet	May	N	E,W
<input type="checkbox"/> <i>Viola rostrata</i>	long-spur violet	Apr-Jun	N	W
<input type="checkbox"/> <i>Viola sagittata</i>	arrow-leaf violet	Apr-Jun	N	W
<input type="checkbox"/> <i>Viola sororia</i>	woolly blue violet	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Viola striata</i>	striped cream violet, pale violet	May	N	E,W
GOURDS (Cucurbitaceae)				
<input type="checkbox"/> <i>Echinocystis lobata</i>	wild mock-cucumber	Jul-Sep	N	E,W

WILLOWS (Salicaceae)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Populus deltoides</i>	eastern cotton-wood	Apr-May	N	E,W
<input type="checkbox"/> <i>Populus grandidentata</i>	big-tooth aspen	Apr	N	E,W
<input type="checkbox"/> <i>Salix discolor</i>	pussy willow	Feb-May	N	W
<input type="checkbox"/> <i>Salix eriocephala</i> [= <i>S. rigida</i>]	Missouri River or heart-leaf willow	Mar-Apr	N	W
<input type="checkbox"/> <i>Salix exigua</i> [= <i>S. interior</i>]	sandbar willow	May-Jun	N	E,W
<input type="checkbox"/> <i>Salix humilis</i>	tall prairie willow	Mar-Jun	N	W
<input type="checkbox"/> <i>Salix nigra</i>	black willow	Apr-Jun	N	E,W
MUSTARDS (Brassicaceae)				
<input type="checkbox"/> <i>Alliaria petiolata</i> [= <i>A. officinalis</i>]	garlic mustard	Jul-Sep	A	E,W
<input type="checkbox"/> <i>Arabidopsis thaliana</i>	mouse-ear cress	Mar-Jun	A	W
<input type="checkbox"/> <i>Arabis laevigata</i>	smooth rock cress	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Barbarea vulgaris</i>	yellow rocket, common winter-cress	Jun	A	E,W
<input type="checkbox"/> <i>Brassica nigra</i>	black mustard	Jun-Oct	A	W
<input type="checkbox"/> <i>Capsella bursa-pastoris</i>	common shepherd's purse	Mar-Dec	A	W
<input type="checkbox"/> <i>Cardamine bulbosa</i>	bulbous bitter-cress, spring cress	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Cardamine concatenata</i> [= <i>Dentaria laciniata</i>]	cut-leaf toothwort	Apr-May	N	E,W
<input type="checkbox"/> <i>Cardamine diphylla</i> [= <i>Dentaria diphylla</i>]	two-leaf or common toothwort	Apr-May	N	W
<input type="checkbox"/> <i>Cardamine douglassii</i>	purple bitter-cress	Apr-May	N	E,W
<input type="checkbox"/> <i>Cardamine hirsuta</i>	hairy bitter-cress	Mar-Apr	A	W
<input type="checkbox"/> <i>Cardamine pensylvanica</i>	Pennsylvania bitter-cress	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Draba verna</i> [= <i>Erophila verna</i>]	whitlow-grass	Apr-May	A	W
<input type="checkbox"/> <i>Erysimum repandum</i>	treacle mustard	May-Jul	A	W
<input type="checkbox"/> <i>Hesperis matronalis</i>	dame's rocket	May-Jun	A	E,W
<input type="checkbox"/> <i>Lepidium campestre</i>	cow cress	May-Jun	N	W
<input type="checkbox"/> <i>Lepidium virginicum</i>	poor-man's pepper-grass	May-Sep	N	W
<input type="checkbox"/> <i>Lunaria annua</i>	moneyplant	May-Jun	C	W
<input type="checkbox"/> <i>Noebeckia aquatica</i> [= <i>Armoracia aquatica</i> , <i>Nasturtium lacustre</i>]	lakecress	May-Aug	N	E,W
<input type="checkbox"/> <i>Rorippa nasturtium-aquaticum</i> [= <i>Nasturtium officinale</i>]	true water-cress	Apr-Jun	A	W
<input type="checkbox"/> <i>Rorippa palustris</i>	marsh yellow-cress	Jun-Oct	N	W
<input type="checkbox"/> <i>Sisymbrium officinale</i>	hedge mustard	May-Oct	A	W
<input type="checkbox"/> <i>Thlaspi arvense</i>	field penny-cress	Apr-Jun	A	W
HEATHS (Ericaceae)				
<input type="checkbox"/> <i>Epigaea repens</i>	trailing arbutus, ground laurel	Mar-May	N	W
<input type="checkbox"/> <i>Gaultheria procumbens</i>	creeping wintergreen	Jul-Aug	N	W
<input type="checkbox"/> <i>Vaccinium macrocarpon</i> [= <i>Oxycoccus macrocarpus</i>]	American or large cranberry	Jun-Aug	N(P)	W
<input type="checkbox"/> <i>Vaccinium pallidum</i> [= <i>V. vacillans</i>]	low or hillside blueberry	Apr-Jun	N	E,W
WINTERGREENS (Pyrolaceae)				
<input type="checkbox"/> <i>Chimaphila umbellata</i>	prince's pine	Jul-Aug	N(T)	W
<input type="checkbox"/> <i>Pyrola americana</i> [= <i>P. rotundifolia</i>]	round-leaf wintergreen	Jun-Aug	N	W
INDIAN PIPES (Monotropaceae)				
<input type="checkbox"/> <i>Monotropa uniflora</i>	Indian-pipe	Jun-Sep	N	W
PRIMROSES (Primulaceae)				
<input type="checkbox"/> <i>Lysimachia ciliata</i>	fringed loosestrife	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Lysimachia nummularia</i>	creeping Jennie, moneywort	Jun-Aug	A	E,W
<input type="checkbox"/> <i>Lysimachia quadrifolia</i>	whorled or prairie loosestrife	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Samolus valerandi</i>	water pimpernel	May-Sep	N	W

	COMMON NAME	PHENOLOGY	ORIGIN	LOC
HYDRANGEAS (Hydrangeaceae)				
<input type="checkbox"/> <i>Philadelphus coronarius</i>	mock orange, syringa	Jun-Jul	A	W
GOOSEBERRIES (Grossulariaceae)				
<input type="checkbox"/> <i>Ribes americanum</i>	wild or American black currant	Apr-Sep	N	W
<input type="checkbox"/> <i>Ribes cynosbati</i>	bristly gooseberry, dogberry	May-Sep	N	W
<input type="checkbox"/> <i>Ribes rubrum</i> [= <i>R. sativum</i>]	red currant	Apr-Jun	A	E,W
ORPINES (Crassulaceae)				
<input type="checkbox"/> <i>Sedum tematum</i>	wild sedum	Apr-Jun	N	W
SAXIFRAGES (Saxifragaceae)				
<input type="checkbox"/> <i>Heuchera americana</i>	American alum-root	Apr-Jul	N	E,W
<input type="checkbox"/> <i>Mitella diphylla</i>	two-leaf bishop's-cap, mitrewort	Apr-May	N	W
ROSES (Rosaceae)				
<input type="checkbox"/> <i>Agrimonia gryposepala</i>	tall hairy grooverbur, agrimony	Jul-Aug	N	E,W
<input type="checkbox"/> <i>Agrimonia parviflora</i>	small-flower groovebur	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Agrimonia pubescens</i>	downy agrimony	Jul-Sep	N	W
<input type="checkbox"/> <i>Amelanchier arborea</i>	downy service-berry	Apr	N	E,W
<input type="checkbox"/> <i>Amelanchier laevis</i>	smooth service-berry, Juneberry	Apr-Jun	N	W
<input type="checkbox"/> <i>Aronia melanocarpa</i> [= <i>Pyrus arbutifolia melanocarpa</i>]	black chokeberry	Apr-Nov	N	W
<input type="checkbox"/> <i>Crataegus crus-galli</i>	cockspur hawthorn	May-Oct	N	W
<input type="checkbox"/> <i>Crataegus punctata</i>	dotted hawthorn	May-Oct	N	W
<input type="checkbox"/> <i>Crataegus</i> spp.	hawthorns	May-Jun		E,W
<input type="checkbox"/> <i>Duchesnea indica</i>	Indian mock-strawberry	Apr-Jun	A	W
<input type="checkbox"/> <i>Fragaria vesca</i>	woodland strawberry	May-Aug	A	W
<input type="checkbox"/> <i>Fragaria virginiana</i>	Virginia or wild strawberry	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Geum canadense</i>	white avens	Jun	N	E,W
<input type="checkbox"/> <i>Geum laciniatum</i>	rough avens	Jun	N	E,W
<input type="checkbox"/> <i>Geum vernum</i>	spring or vernal avens	Apr-Jun	N	W
<input type="checkbox"/> <i>Malus coronaria</i> [= <i>Pyrus coronaria</i> ; <i>M. angustifolia</i>]	wild crab, southern crab-apple	Mar-May	N	E,W
<input type="checkbox"/> <i>Potentilla norvegica</i>	Norwegian or rough cinquefoil	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Potentilla recta</i>	rough-fruited cinquefoil	Jun-Aug	A	E,W
<input type="checkbox"/> <i>Potentilla simplex</i>	old-field or common cinquefoil	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Prunus americana</i>	American or wild plum	May-Jun	N	E,W
<input type="checkbox"/> <i>Prunus avium</i>	sweet cherry	Apr-Jul	A	W
<input type="checkbox"/> <i>Prunus serotina</i>	black or wild cherry	May	N	E,W
<input type="checkbox"/> <i>Prunus virginiana</i>	choke cherry	Aug-Oct	N	W
<input type="checkbox"/> <i>Rosa carolina</i>	pasture or wild rose	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Rosa multiflora</i>	multiflora rose	Jun-Jul	A	E,W
<input type="checkbox"/> <i>Rosa palustris</i>	swamp rose	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Rosa setigera</i>	prairie or climbing rose	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Rubus allegheniensis</i>	Allegheny blackberry	May-Jul	N	W
<input type="checkbox"/> <i>Rubus hispidus</i>	bristly or running swamp blackberry	Jun-Aug	N	W
<input type="checkbox"/> <i>Rubus occidentalis</i>	black raspberry	May-Jun	N	E,W
CAESALPINIAS (Caesalpiaceae)				
<input type="checkbox"/> <i>Cercis canadensis</i>	eastern redbud	Mar-May	N	E,W
<input type="checkbox"/> <i>Gleditsia triacanthos</i>	honey-locust	May-Jun	N	W
<input type="checkbox"/> <i>Gymnocladus dioica</i> [= <i>G. canadensis</i>]	Kentucky coffee-tree	May	N	E,W
PEAS (Fabaceae)				
<input type="checkbox"/> <i>Amphicarpaea bracteata</i>	American hog-peanut	Aug-Sep	N	E,W
<input type="checkbox"/> <i>Apios americana</i>	American potato-bean, groundnut	Jul-Aug	N	E,W
<input type="checkbox"/> <i>Baptisia tinctoria</i>	wild indigo	May-Sep	N	W

PEAS (continued)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Coronilla varia</i>	crown vetch	Jun-Aug	A	W
<input type="checkbox"/> <i>Desmodium canadense</i>	showy tick-trefoil	Jul-Aug	N	E,W
<input type="checkbox"/> <i>Desmodium ciliare</i>	little-leaf tick-trefoil	Jul-Aug	N	W
<input type="checkbox"/> <i>Desmodium paniculatum</i>	panicked tick-trefoil	Jul-Aug	N	E,W
<input type="checkbox"/> <i>Desmodium pauciflorum</i>	few-flowered tick-trefoil	Jul-Aug	N(P)	W
<input type="checkbox"/> <i>Lathyrus latifolius</i>	everlasting pea	Jun-Sep	A	W
<input type="checkbox"/> <i>Lathyrus tuberosus</i>	tuberous vetchling	Jun-Aug	A	W
<input type="checkbox"/> <i>Lespedeza capitata</i>	round-head bush clover	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Lespedeza hirta</i> [= <i>L. polystachya</i>]	hairy bush clover	Jul-Oct	N	W
<input type="checkbox"/> <i>Lotus corniculatus</i>	bird's-foot trefoil	Jun-Sep	A	W
<input type="checkbox"/> <i>Lupinus perennis</i>	wild or sundial lupine	Apr-Jul	N(P)	W
<input type="checkbox"/> <i>Medicago lupulina</i>	black medick	May-Sep	A	E,W
<input type="checkbox"/> <i>Melilotus albus</i> [= <i>M. alba</i>]	white sweetclover	Jul-Sep	A	E,W
<input type="checkbox"/> <i>Melilotus officinalis</i>	yellow sweetclover	Jun-Sep	A	E,W
<input type="checkbox"/> <i>Robinia pseudoacacia</i>	black locust	May-Jun	Z	E,W
<input type="checkbox"/> <i>Strophostyles helvula</i>	trailing wildbean	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Trifolium campestre</i> [= <i>T. procumbens</i>]	pinnate or lesser hop-clover	May-Sep	A	W
<input type="checkbox"/> <i>Trifolium hybridum</i>	alsike clover	May-Oct	A	W
<input type="checkbox"/> <i>Trifolium pratense</i>	red clover	May-Aug	A	E,W
<input type="checkbox"/> <i>Trifolium repens</i>	white clover	All summer	A	E,W
<input type="checkbox"/> <i>Vicia</i> sp.	vetch	May-Sep		W
OLEASTERS (Elaeagnaceae)				
<input type="checkbox"/> <i>Elaeagnus umbellata</i>	autumn-olive	May-Jun	A	W
EVENING-PRIMROSES (Onagraceae)				
<input type="checkbox"/> <i>Circaea lutetiana</i> [= <i>C. quadrisulcata</i>]	common enchanter's nightshade	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Epilobium ciliatum</i>	hairy or northern willow-herb	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Ludwigia alternifolia</i>	bushy seedbox	Jun-Aug	N	W
<input type="checkbox"/> <i>Oenothera biennis</i>	common evening-primrose	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Oenothera perennis</i> [= <i>O. pumila</i>]	small evening-primrose	May-Aug	N	W
DEERGRASSES (Melastomataceae)				
<input type="checkbox"/> <i>Rhexia virginica</i>	Virginia meadow-beauty, deergrass	Jul-Sep	N(P)	W
DOGWOODS (Cornaceae)				
<input type="checkbox"/> <i>Cornus alternifolia</i>	alternate-leaf or pagoda dogwood	May-Sep	N	W
<input type="checkbox"/> <i>Cornus amomum</i>	silky or knob-styled dogwood	May-Jul	N	E,W
<input type="checkbox"/> <i>Cornus drummondii</i>	rough-leaf dogwood	May-Jun	N	E,W
<input type="checkbox"/> <i>Cornus florida</i>	flowering dogwood	Apr-May	N	E,W
<input type="checkbox"/> <i>Cornus racemosa</i>	gray dogwood	May-Oct	N	E,W
<input type="checkbox"/> <i>Cornus rugosa</i>	round-leaved dogwood	May-Oct	N(P)	W
<input type="checkbox"/> <i>Cornus sericea</i> [= <i>C. stolonifera</i>]	red-osier dogwood	May-Aug	N	E,W
<input type="checkbox"/> <i>Nyssa sylvatica</i>	black gum	May-Jun	N	E,W
STAFF-TREES (Celastraceae)				
<input type="checkbox"/> <i>Celastrus scandens</i>	American bittersweet	Jun	N	E,W
<input type="checkbox"/> <i>Euonymus fortunei</i>	bigleaf or Chinese wintercreeper	May	A	E,W
SPURGES (Euphorbiaceae)				
<input type="checkbox"/> <i>Acalypha virginica</i> var. <i>rhomboidea</i> [= <i>A. rhomboidea</i>]	three-seed mercury	Sep	N	E,W
<input type="checkbox"/> <i>Chamaesyce maculata</i> [= <i>Euphorbia maculata</i>]	spotted broomspurge	Jun-Oct	N	W
<input type="checkbox"/> <i>Chamaesyce nutans</i> [= <i>E. nutans</i>]	eyebane broomspurge	Jun-Oct	N	W
<input type="checkbox"/> <i>Euphorbia cyparissias</i>	cypress spurge	Apr-Aug	A	W

	COMMON NAME	PHENOLOGY	ORIGIN	LOC
BUCKTHORNS (Rhamnaceae)				
<input type="checkbox"/> <i>Ceanothus americanus</i>	New Jersey tea	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Frangula alnus</i> [= <i>R. frangula</i>]	glossy buckthorn	May-Jul	A	W
<input type="checkbox"/> <i>Rhamnus cathartica</i>	European or common buckthorn	May-Jun	A	W
GRAPES (Vitaceae)				
<input type="checkbox"/> <i>Parthenocissus quinquefolia</i> [= <i>P. inserta</i>]	Virginia or thicket creeper	Jun	N	E,W
<input type="checkbox"/> <i>Vitis aestivalis</i>	summer grape	May-Oct	N	E,W
<input type="checkbox"/> <i>Vitis labrusca</i>	northern fox grape	May-Oct	N(P)	W
<input type="checkbox"/> <i>Vitis riparia</i>	riverbank grape	May-Jul	N	E,W
<input type="checkbox"/> <i>Vitis vulpina</i> [= <i>V. cordifolia</i>]	frost or chicken grape	May-Oct	N	W
FLAXES (Linaceae)				
<input type="checkbox"/> <i>Unum virginianum</i>	Virginia flax	Jul-Aug	N	W
MILKWORTS (Polygalaceae)				
<input type="checkbox"/> <i>Polygala sanguinea</i>	red milkwort	Jun-Oct	N	W
HORSE-CHESTNUTS (Hippocastanaceae)				
<input type="checkbox"/> <i>Aesculus glabra</i>	Ohio buckeye	Apr-May	N	E,W
MAPLES (Aceraceae)				
<input type="checkbox"/> <i>Acer negundo</i> var. <i>negundo</i> [= <i>Negundo aceroides</i>]	box-elder	Apr-Oct	N	W
<input type="checkbox"/> <i>Acer nigrum</i>	black maple	May-Sep	N	W
<input type="checkbox"/> <i>Acer platanoides</i>	Norway maple	Apr-May	A	E,W
<input type="checkbox"/> <i>Acer rubrum</i>	red maple	Mar-Apr	N	E,W
<input type="checkbox"/> <i>Acer saccharinum</i>	silver maple	Mar-Apr	N	E,W
<input type="checkbox"/> <i>Acer saccharum</i>	sugar maple	Apr-Jun	N	E,W
CASHEWS (Anacardiaceae)				
<input type="checkbox"/> <i>Rhus glabra</i>	smooth sumac	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Rhus hirta</i> [= <i>R. typhina</i>]	staghorn sumac	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Toxicodendron radicans</i> [= <i>R. radicans</i>]	poison ivy	May-Jun	N	E,W
QUASSIAS (Simaroubaceae)				
<input type="checkbox"/> <i>Ailanthus altissima</i> [= <i>A. glandulosa</i>]	Chinese sumach	Jun-Jul	A	W
RUES (Rutaceae)				
<input type="checkbox"/> <i>Zanthoxylum americanum</i>	common prickly-ash	Apr-May	N	W
WOOD SORRELS (Oxalidaceae)				
<input type="checkbox"/> <i>Oxalis stricta</i> [= <i>O. europaea</i>]	common yellow wood sorrel	Aug	N	E,W
<input type="checkbox"/> <i>Oxalis violacea</i>	violet wood sorrel	Apr-Jun	N	E,W
GERANIUMS (Geraniaceae)				
<input type="checkbox"/> <i>Erodium cicutarium</i>	redstem-filaree, storksbill	Apr-Oct	A	W
<input type="checkbox"/> <i>Geranium carolinianum</i>	Carolina crane's-bill	May-Jul	N	W
<input type="checkbox"/> <i>Geranium maculatum</i>	purple crane's-bill, wild geranium	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Geranium pusillum</i>	small-flowered crane's-bill	Jun-Oct	A	W
MEADOW-FOAMS (Limnanthaceae)				
<input type="checkbox"/> <i>Floerkea proserpinacoides</i>	false mermaid-weed	Apr-May	N	E,W
JEWELWEEDS (Balsaminaceae)				
<input type="checkbox"/> <i>Impatiens capensis</i>	spotted touch-me-not, jewelweed	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Impatiens pallida</i>	pale touch-me-not	Jun-Sep	N	E,W

GINSENGS (<i>Araliaceae</i>)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Panax quinquefolius</i>	American ginseng	Jul-Aug	N	W
<input type="checkbox"/> <i>Panax trifolius</i>	dwarf ginseng	Apr-Jun	N	W
CARROTS (<i>Apiaceae</i>)				
<input type="checkbox"/> <i>Chaerophyllum procumbens</i>	spreading chervil	Apr-May	N	W
<input type="checkbox"/> <i>Cicuta maculata</i>	spotted water-hemlock	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Cryptotaenia canadensis</i>	Canada honewort	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Daucus carota</i>	wild carrot, Queen Anne's lace	May-Oct	A	E,W
<input type="checkbox"/> <i>Heracleum maximum</i>	cow-parsnip	Jun-Aug	N	W
<input type="checkbox"/> <i>Osmorhiza claytonii</i>	hairy or woolly sweetcicely	May-Jun	N	E,W
<input type="checkbox"/> <i>Osmorhiza longistylis</i>	smooth sweetcicely	May-Jun	N	E,W
<input type="checkbox"/> <i>Pastinaca sativa</i>	wild parsnip	May-Oct	A	W
<input type="checkbox"/> <i>Sanicula canadensis</i>	Canada sanicle or black snakeroot	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Zizia aurea</i>	golden alexanders	Apr-Jun	N	W
GENTIANS (<i>Gentianaceae</i>)				
<input type="checkbox"/> <i>Bartonia virginica</i>	yellow screwstem	Jul-Sep	N	W
<input type="checkbox"/> <i>Frasera caroliniensis</i> [= <i>Swertia caroliniensis</i>]	American columbo	May-Jun	N	E,W
<input type="checkbox"/> <i>Gentianella tenella</i> [= <i>Bartonia tenella</i>]	gentian	Aug-Sep	N	W
<input type="checkbox"/> <i>Gentianopsis crinita</i> [= <i>Gentiana crinita</i>]	fringed gentian	Sep-Nov	N(P)	W
<input type="checkbox"/> <i>Sabatia angularis</i>	square-stem rose-gentian	Jul-Sep	N	E,W
DOGBANES (<i>Apocynaceae</i>)				
<input type="checkbox"/> <i>Apocynum cannabinum</i> [= <i>A. sibiricum</i>]	clasping-leaf dogbane	Jun-Sep	N(E)	E,W
<input type="checkbox"/> <i>Vinca minor</i>	periwinkle	Mar-Jun	A	W
MILKWEEDS (<i>Asclepiadaceae</i>)				
<input type="checkbox"/> <i>Asclepias incarnata</i>	swamp milkweed	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Asclepias syriaca</i>	common milkweed	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Asclepias tuberosa</i>	butterfly-weed	Jun-Sep	N	E,W
NIGHTSHADES (<i>Solanaceae</i>)				
<input type="checkbox"/> <i>Datura stramonium</i>	jimsonweed	Jun-Aug	Z	E,W
<input type="checkbox"/> <i>Physalis heterophylla</i>	clammy ground-cherry	Jul-Sep	N	W
<input type="checkbox"/> <i>Physalis</i> sp.	ground-cherry	Jun-Oct		W
<input type="checkbox"/> <i>Solanum carolinense</i>	horse-nettle	May-Oct	Z	W
<input type="checkbox"/> <i>Solanum dulcamara</i>	climbing or bittersweet nightshade	Jun-Sep	A	E,W
<input type="checkbox"/> <i>Solanum ptychanthum</i> [= <i>S. nigrum</i> misapplied]	black or common nightshade	May-Sep	N	E,W
MORNING-GLORIES (<i>Convolvulaceae</i>)				
<input type="checkbox"/> <i>Calystegia sepium</i> [= <i>Convolvulus sepium</i>]	hedge bindweed	May-Sep	N	E,W
<input type="checkbox"/> <i>Convolvulus arvensis</i>	field bindweed	May-Sep	A	E,W
<input type="checkbox"/> <i>Ipomoea pandurata</i>	wild sweet-potato vine	Jun-Sep	N	W
<input type="checkbox"/> <i>Ipomoea purpurea</i>	common morning-glory	Jul-Oct	A	W
DODDERS (<i>Cuscutaceae</i>)				
<input type="checkbox"/> <i>Cuscuta gronovii</i>	common dodder	Jul-Oct	N	E,W
PHLOXES (<i>Polemoniaceae</i>)				
<input type="checkbox"/> <i>Phlox divaricata</i>	woodland or blue phlox	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Phlox subulata</i>	ground phlox, moss-pink	Apr-May	N	W
WATERLEAFS (<i>Hydrophyllaceae</i>)				
<input type="checkbox"/> <i>Hydrophyllum virginianum</i>	Virginia waterleaf	May-Jun	N	E,W

	COMMON NAME	PHENOLOGY	ORIGIN	LOC
BORAGES (Boraginaceae)				
<input type="checkbox"/> <i>Buglossoides arvensis</i> [= <i>Lithospermum arvense</i>]	corn gromwell	Apr-Jun	A	W
<input type="checkbox"/> <i>Cynoglossum officinale</i>	hound's-tongue	May-Jul	A	W
<input type="checkbox"/> <i>Hackelia virginiana</i>	Virginia stickseed	Jun-Sep	N	W
<input type="checkbox"/> <i>Mertensia virginica</i>	Virginia bluebells or cowslip	Apr-May	N	W
VERVAINS (Verbenaceae)				
<input type="checkbox"/> <i>Phryma leptostachya</i>	lopseed	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Verbena hastata</i>	blue vervain	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Verbena urticifolia</i>	white vervain	Jun-Oct	N	E,W
MINTS (Lamiaceae)				
<input type="checkbox"/> <i>Agastache nepetoides</i>	yellow giant-hyssop	Jul-Sep	N	W
<input type="checkbox"/> <i>Agastache scrophulariifolia</i> [= <i>Lophanthus scrophulariifolius</i>]	purple giant-hyssop	Jul-Sep	N	W
<input type="checkbox"/> <i>Glechoma hederacea</i>	ground ivy	Apr-Jul	A	W
<input type="checkbox"/> <i>Lamium amplexicaule</i>	henbit, dead nettle	Mar-Nov	A	W
<input type="checkbox"/> <i>Lamium purpureum</i>	purple or red dead nettle	Apr-Oct	A	E,W
<input type="checkbox"/> <i>Leonurus cardiaca</i>	motherwort, lion's tail	Jun-Aug	A	W
<input type="checkbox"/> <i>Lycopus americanus</i>	American bugleweed	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Lycopus rubellus</i>	taper-leaf bugleweed	Jul-Oct	N	W
<input type="checkbox"/> <i>Lycopus virginicus</i>	Virginia bugleweed	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Mentha arvensis</i> [= <i>M. gentilis</i>]	field mint	Jul-Aug	N	E,W
<input type="checkbox"/> <i>Mentha spicata</i>	spearmint	Jun-Oct	A	W
<input type="checkbox"/> <i>Monarda fistulosa</i>	wild bergamot	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Nepeta cataria</i>	catnip	Jun-Oct	A	E,W
<input type="checkbox"/> <i>Prunella vulgaris</i>	heal-all, self-heal	Jun-Oct	A	E,W
<input type="checkbox"/> <i>Scutellaria lateriflora</i>	blue or mad-dog skullcap	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Stachys tenuifolia</i> [= <i>S. t.</i> var. <i>hispida</i> ; <i>S. hispida</i>]	smooth or common hedge-nettle	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Teucrium canadense</i> var. <i>virginicum</i>	germander	Jul-Sep	N	W
WATER-STARWORTS (Callitrichaceae)				
<input type="checkbox"/> <i>Callitriche heterophylla</i>	larger water-starwort	Apr-Dec	A	W
PLANTAINS (Plantaginaceae)				
<input type="checkbox"/> <i>Plantago lanceolata</i>	English plantain	May-Oct	A	W
<input type="checkbox"/> <i>Plantago major</i>	common plantain	Jul-Sep	A	E,W
<input type="checkbox"/> <i>Plantago rugelii</i>	black-seed or Rugel's plantain	Jul-Oct	N	W
OLIVES (Oleaceae)				
<input type="checkbox"/> <i>Fraxinus americana</i>	white ash	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Ligustrum vulgare</i>	common or European privet	Jun	A	E,W
FIGWORTS (Scrophulariaceae)				
<input type="checkbox"/> <i>Agalinis tenuifolia</i>	slender false-foxglove or gerardia	Jul-Sep	N	W
<input type="checkbox"/> <i>Aureolaria flava</i>	smooth false-foxglove	Jul-Sep	N	W
<input type="checkbox"/> <i>Chelone glabra</i>	white turtlehead	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Gratiola neglecta</i>	clammy hedgehyssop	May-Oct	N	W
<input type="checkbox"/> <i>Mimulus alatus</i>	sharp-wing monkey-flower	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Mimulus ringens</i>	Allegheny or	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Pedicularis lanceolata</i>	swamp lousewort	Aug-Sep	N	E,W
<input type="checkbox"/> <i>Scrophularia marilandica</i>	carpenter's square	Jun-Oct	N	W
<input type="checkbox"/> <i>Verbascum blattaria</i>	moth mullein	Jun-Sep	A	W
<input type="checkbox"/> <i>Verbascum thapsus</i>	common or woolly mullein	Jun-Sep	A	E,W
<input type="checkbox"/> <i>Veronica anagallis-aquatica</i> [= <i>V. anagallis</i>]	water speedwell	May-Oct	N	W

FIGWORTS (continued)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Veronica arvensis</i>	corn speedwell	Apr-Sep	A	E,W
<input type="checkbox"/> <i>Veronica officinalis</i>	common speedwell	May-Jul	A	W
<input type="checkbox"/> <i>Veronica peregrina</i>	purslane speedwell	Mar-Aug	N	W
<input type="checkbox"/> <i>Veronica polita</i>	slender speedwell	Mar-May	A	W
<input type="checkbox"/> <i>Veronica serpyllifolia</i>	thyme-leaf speedwell	May-Aug	A	E,W
BROOM-RAPES (Orobanchaceae)				
<input type="checkbox"/> <i>Epifagus virginiana</i>	beech-drops	Aug-Oct	N	W
BIGNONIAS (Bignoniaceae)				
<input type="checkbox"/> <i>Campsis radicans</i>	trumpet creeper	Jul-Aug	Z	E,W
<input type="checkbox"/> <i>Catalpa speciosa</i>	northern catalpa	May-Jun	Z	W
BLUEBELLS (Campanulaceae)				
<input type="checkbox"/> <i>Lobelia inflata</i>	Indian-tobacco	Jul-Oct	N	E,W
<input type="checkbox"/> <i>Lobelia siphilitica</i>	great blue lobelia	Aug-Sep	N	E,W
<input type="checkbox"/> <i>Triodanis perfoliata</i> [= <i>Specularia p.</i>]	clasping-leaf Venus'-looking-glass	May-Jun	N	E,W
MADDERS (Rubiaceae)				
<input type="checkbox"/> <i>Cephalanthus occidentalis</i>	common buttonbush	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Galium aparine</i>	catchweed bedstraw, cleavers	May-Jul	N	E,W
<input type="checkbox"/> <i>Galium circaezans</i>	forest bedstraw	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Galium lanceolatum</i>	wild licorice	Jun-Jul	N	W
<input type="checkbox"/> <i>Galium mollugo</i>	wild madder	Jun-Aug	A	W
<input type="checkbox"/> <i>Galium obtusum</i>	blunt-leaf bedstraw	May-Jul	N	W
<input type="checkbox"/> <i>Galium trifidum</i>	small bedstraw	Jul-Sep	N	W
<input type="checkbox"/> <i>Galium triflorum</i>	sweet-scent bedstraw	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Houstonia caerulea</i> [= <i>Hedyotis caerulea</i>]	innocence, bluets	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Mitchella repens</i>	partridge-berry	Jun-Jul	N	W
HONEYSUCKLES (Caprifoliaceae)				
<input type="checkbox"/> <i>Lonicera japonica</i>	Japanese honeysuckle	May-Sep	N	E,W
<input type="checkbox"/> <i>Lonicera maackii</i>	amur honeysuckle		A	W
<input type="checkbox"/> <i>Lonicera tatarica</i>	tartarian or bush honeysuckle	May-Jun	A	W
<input type="checkbox"/> <i>Sambucus nigra</i> ssp. <i>canadensis</i> [= <i>S. canadensis</i>]	American elder	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Sambucus racemosa</i>	European red elder	May-Jun	N	W
<input type="checkbox"/> <i>Triosteum perfoliatum</i>	tinker's weed	May-Jul	N	E,W
<input type="checkbox"/> <i>Viburnum acerifolium</i>	maple-leaf viburnum, dockmackie	May-Jun	N	E,W
<input type="checkbox"/> <i>Viburnum dentatum</i>	arrow-wood	May-Jul	N	W
<input type="checkbox"/> <i>Viburnum dentatum</i> var. <i>lucidum</i> [= <i>V. recognitum</i>]	southern arrow-wood	May-Jul	N	E,W
<input type="checkbox"/> <i>Viburnum lentago</i>	nannyberry	May-Jun	N	E,W
<input type="checkbox"/> <i>Viburnum opulus</i>	guelder rose, Euro cranberry	Jun-Jul	A	E,W
VALERIANS (Valerianaceae)				
<input type="checkbox"/> <i>Valerianella locusta</i> [= <i>V. olitoria</i>]	European cornsalad	Apr-Jun	A	W
<input type="checkbox"/> <i>Valerianella radiata</i>	beaked cornsalad	Apr-May	N	E,W
<input type="checkbox"/> <i>Valerianella woodsiana</i>	Woods' cornsalad	May-Jun	N	W
TEASELS (Dipsacaceae)				
<input type="checkbox"/> <i>Dipsacus fullonum</i> ssp. <i>sylvestris</i> [= <i>D. sylvestris</i>]	teasel	Jul-Sep	A	E,W
COMPOSITES (Asteraceae)				
<input type="checkbox"/> <i>Achillea millefolium</i>	common yarrow	Jun-Oct	N	E,W
<input type="checkbox"/> <i>Ageratina altissima</i> [= <i>Eupatorium rugosum</i> ; <i>E. ageratooides</i>]	white snakeroot	Jul-Oct	N	E,W

COMPOSITES (continued)

	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Ambrosia artemisiifolia</i>	annual or common ragweed	Aug-Sep	N	E,W
<input type="checkbox"/> <i>Ambrosia trifida</i>	great or giant ragweed	Jul-Oct	N	E,W
<input type="checkbox"/> <i>Antennaria neglecta</i>	field pussytoes	Apr-Jul	N	W
<input type="checkbox"/> <i>Antennaria parlinii</i>	Parlin's everlasting pusseytoes	Apr-Jun	N	W
<input type="checkbox"/> <i>Arctium minus</i>	common burdock	Jul-Oct	A	E,W
<input type="checkbox"/> <i>Artemisia vulgaris</i>	mugwort	Jul-Aug	A	W
<input type="checkbox"/> <i>Aster boreaus</i> [= <i>A. junciformis</i>]	rush aster	Jun-Sep	N	W
<input type="checkbox"/> <i>Aster cordifolius</i>	common blue heart-leaved aster	Aug-Oct	N	E,W
<input type="checkbox"/> <i>Aster cordifolius</i> var. <i>sagittifolius</i> [= <i>A. sagittifolius</i>]	arrow-leaved aster	Aug-Oct	N	E,W
<input type="checkbox"/> <i>Aster lanceolatus</i> [= <i>A. paniculatus</i> ; <i>A. simplex</i>]	panicled aster	Aug-Oct	N	E,W
<input type="checkbox"/> <i>Aster lateriflorus</i> [= <i>A. vimineus</i>]	calico aster	Aug-Oct	N	E,W
<input type="checkbox"/> <i>Aster longifolius</i> [= <i>A. junceus</i>]	New York aster	Jul-Oct	N	W
<input type="checkbox"/> <i>Aster macrophyllus</i>	big-leaf aster	Aug-Sep	N	W
<input type="checkbox"/> <i>Aster novae-angliae</i>	New England aster	Aug-Oct	N	E,W
<input type="checkbox"/> <i>Aster pilosus</i>	awl aster	Aug-Oct	N	W
<input type="checkbox"/> <i>Aster pilosus</i> var. <i>demotus</i> [= <i>A. racemosus</i>]	coastal-plain aster	Oct	N	E,W
<input type="checkbox"/> <i>Aster prenanthoides</i>	crooked-stem aster	Aug-Oct	N	W
<input type="checkbox"/> <i>Bidens cernua</i>	nodding beggar-ticks	Sep-Oct	N	E,W
<input type="checkbox"/> <i>Bidens frondosa</i>	devil's beggar-ticks	Sep-Oct	N	E,W
<input type="checkbox"/> <i>Bidens vulgata</i>	tall beggar-ticks	Aug-Oct	N	W
<input type="checkbox"/> <i>Cichorium intybus</i>	chicory	Jun-Oct	A	E,W
<input type="checkbox"/> <i>Cirsium arvense</i>	creeping thistle	Jul-Oct	A	E,W
<input type="checkbox"/> <i>Cirsium muticum</i>	swamp thistle	Jul-Sep	N	W
<input type="checkbox"/> <i>Cirsium vulgare</i>	bull thistle	Jul-Sep	A	E,W
<input type="checkbox"/> <i>Conyza canadensis</i> [= <i>Erigeron canadensis</i>]	horseweed	late summer-autumn	N	E,W
<input type="checkbox"/> <i>Coreopsis tripteris</i>	tall tickseed	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Erechtites hieraciifolia</i>	American burn, pilewort	Jul-Oct	N	W
<input type="checkbox"/> <i>Erigeron annuus</i>	white-top fleabane	Jun-Oct	N	E,W
<input type="checkbox"/> <i>Erigeron philadelphicus</i>	Philadelphia or daisy fleabane	Apr-May	N	E,W
<input type="checkbox"/> <i>Erigeron strigosus</i>	prairie fleabane	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Eupatorium maculatum</i>	spotted Joe-pye-weed	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Eupatorium perfoliatum</i>	common boneset	Jul-Oct	N	E,W
<input type="checkbox"/> <i>Eupatorium purpureum</i>	sweet Joe-pye-weed	Jul-Sep	N	W
<input type="checkbox"/> <i>Euthamia graminifolia</i>	flat-top fragrant-golden-rod	Jul-Oct	N	E,W
<input type="checkbox"/> <i>Galinsoga parviflora</i>	lesser quickweed or galinsoga	Jun-Oct	A	E,W
<input type="checkbox"/> <i>Galinsoga quadriradiata</i>	common quickweed or galinsoga	Jun-Nov	A	W
<input type="checkbox"/> <i>Helianthus annuus</i>	common or garden sunflower	Jul-Oct	C	W
<input type="checkbox"/> <i>Helianthus tuberosus</i>	Jerusalem artichoke	Aug-Oct	N	E,W
<input type="checkbox"/> <i>Hieracium aurantiacum</i>	orange-red king-devil or hawkweed	Jun-Sep	A	E,W
<input type="checkbox"/> <i>Hieracium caespitosum</i> [= <i>H. pratense</i>]	yellow king-devil, field hawkweed	May-Sep	A	E,W
<input type="checkbox"/> <i>Hieracium x floribundum</i>	smoothish hawkweed	Jun-Aug	A	W
<input type="checkbox"/> <i>Hieracium paniculatum</i>	panicled hawkweed	Jul-Sep	N	W
<input type="checkbox"/> <i>Hieracium pilosella</i>	mouse-ear hawkweed	Jun-Sep	A	W
<input type="checkbox"/> <i>Lactuca biennis</i>	biennial or tall blue lettuce	Jul-Oct	N	W
<input type="checkbox"/> <i>Lactuca canadensis</i>	tall yellow or wild lettuce	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Lactuca serriola</i>	prickly lettuce	Jul-Sep	A	W
<input type="checkbox"/> <i>Leucanthemum vulgare</i> [= <i>Chrysanthemum leucanthemum</i>]	oxeye daisy	Jun-Aug	A	W
<input type="checkbox"/> <i>Liatris spicata</i>	spiked gayfeather, blazing star	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Matricaria discoidea</i>	pineapple-weed	May-Sep	Z	W
<input type="checkbox"/> <i>Picris hieracioides</i>	hawkweed oxtongue, bitterweed	Jul-Sep	A	W
<input type="checkbox"/> <i>Prenanthes alba</i>	white rattlesnake-root or lettuce	Aug-Sep	N	E,W

COMPOSITES (continued)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Rudbeckia hirta</i>	black-eyed Susan	Jun-Oct	N	E,W
<input type="checkbox"/> <i>Rudbeckia laciniata</i>	cut-leaf or greenheaded coneflower	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Senecio aureus</i>	golden ragwort	Apr-Aug	N	E,W
<input type="checkbox"/> <i>Senecio obovatus</i> [= <i>S. rotundus</i>]	round-leaf groundsel	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Senecio vulgaris</i>	common groundsel	May-Oct	A	W
<input type="checkbox"/> <i>Silphium perfoliatum</i>	cup-plant	Jul-Sep	N	W
<input type="checkbox"/> <i>Silphium trifoliatum</i>	whorled rosinweed	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Solidago caesia</i>	wreath golden-rod	Aug-Oct	N	E,W
<input type="checkbox"/> <i>Solidago canadensis</i>	Canada golden-rod	Jul-Sep	N	E,W
<input type="checkbox"/> <i>Solidago flexicaulis</i> [= <i>S. latifolia</i>]	zigzag golden-rod	Jul-Oct	N	W
<input type="checkbox"/> <i>Solidago nemoralis</i>	gray golden-rod	Jul-Nov	N	W
<input type="checkbox"/> <i>Solidago patula</i>	rough-leaf golden-rod	Aug-Oct	N	W
<input type="checkbox"/> <i>Solidago rugosa</i>	wrinkled golden-rod	Aug-Oct	N	E,W
<input type="checkbox"/> <i>Sonchus arvensis</i>	field sowthistle	Jul-Oct	A	W
<input type="checkbox"/> <i>Sonchus asper</i>	prickly sowthistle	Jun-Oct	A	E,W
<input type="checkbox"/> <i>Sonchus oleraceus</i>	common sowthistle	Jun-Oct	A	W
<input type="checkbox"/> <i>Taraxacum officinale</i>	common dandelion	Mar-Dec	A	E,W
<input type="checkbox"/> <i>Tragopogon porrifolius</i>	salsify	May-Jul	A	W
<input type="checkbox"/> <i>Tragopogon pratensis</i>	goats-beard	Jun-Oct	A	W
<input type="checkbox"/> <i>Tussilago farfara</i>	colts-foot	Mar-May	A	W
<input type="checkbox"/> <i>Verbesina alternifolia</i> [= <i>Actinomeris alternifolia</i>]	wingstem	Aug-Oct	N	E,W
<input type="checkbox"/> <i>Vernonia gigantea</i> [= <i>V. altissima</i>]	tall ironweed	Aug-Oct	N	E,W
<input type="checkbox"/> <i>Xanthium strumarium</i>	rough cockle-bur	Aug-Sep	N	E,W
WATER-PLANTAINS (Alismataceae)				
<input type="checkbox"/> <i>Sagittaria latifolia</i>	broad-leaf arrow-head	Jul-Sep	N	E,W
FROG'S-BITES (Hydrocharitaceae)				
<input type="checkbox"/> <i>Elodea canadensis</i>	broad water-weed	Jul-Sep	N	E,W
SWEETFLAGS (Acoraceae)				
<input type="checkbox"/> <i>Acorus americanus</i>	sweetflag	May-Jun	N	E,W
ARUMS (Araceae)				
<input type="checkbox"/> <i>Arisaema dracontium</i>	green dragon	May-Jun	N	W
<input type="checkbox"/> <i>Arisaema triphyllum</i> [= <i>A. atrorubens</i>]	swamp Jack-in-the-pulpit	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Symplocarpus foetidus</i>	skunk-cabbage	Mar-Apr	N	E,W
DUCKWEEDS (Lemnaceae)				
<input type="checkbox"/> <i>Lemna minor</i>	lesser duckweed	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Wolffia columbiana</i>	Columbia water-meal		N	E,W
SPIDERWORTS (Commelinaceae)				
<input type="checkbox"/> <i>Commelina communis</i>	Asiatic dayflower	Spring	A	E,W
RUSHES (Juncaceae)				
<input type="checkbox"/> <i>Juncus biflorus</i>	turnflower rush	May-Sep	N	W
<input type="checkbox"/> <i>Juncus canadensis</i>	Canada rush	Jul-Oct	N	W
<input type="checkbox"/> <i>Juncus effusus</i>	soft rush	Aug	N	E,W
<input type="checkbox"/> <i>Juncus marginatus</i>	grass-leaf rush	Jun-Sep	N	W
<input type="checkbox"/> <i>Juncus nodosus</i>	knotted rush	Jul-Aug	N	W
<input type="checkbox"/> <i>Juncus tenuis</i>	slender or path rush	May-Jul	N	E,W
<input type="checkbox"/> <i>Juncus torreyi</i>	Torrey's rush	Jul-Oct	N	W
SEDGES (Cyperaceae)				
<input type="checkbox"/> <i>Bulbostylis capillaris</i> [= <i>Fimbristylis capillaris</i>]	dense-tuft hairsedge	Aug-Oct	N	W

SEDGES (continued)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Carex albursina</i> [= <i>C. laxiflora</i> var. <i>latifolia</i>]	loose-flowered sedge	Apr-Jun	N	W
<input type="checkbox"/> <i>Carex amphibola</i> var. <i>turgida</i> [= <i>C. grisea</i>]	narrow-leaf sedge	May-Jul	N	E,W
<input type="checkbox"/> <i>Carex arctata</i>	northern clustered sedge	Jun-Aug	N(E)	W
<input type="checkbox"/> <i>Carex bicknellii</i>	Bicknell's sedge	May-Jul	N(T)	E,W
<input type="checkbox"/> <i>Carex blanda</i>	woodland sedge	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Carex bromoides</i>	brome-like sedge	May-Jul	N	W
<input type="checkbox"/> <i>Carex conjuncta</i>	soft fox sedge	Jun	N	W
<input type="checkbox"/> <i>Carex crinita</i>	fringed sedge	May-Aug	N	E,W
<input type="checkbox"/> <i>Carex davisii</i>	Davis' sedge	May-Jun	N	W
<input type="checkbox"/> <i>Carex digitalis</i>	finger sedge	May-Jul	N	E,W
<input type="checkbox"/> <i>Carex frankii</i>	Frank's sedge	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Carex glaucodea</i> [= <i>C. flaccosperma</i> var. <i>glaucodea</i>]	thin-fruit sedge	May-Jul	N	W
<input type="checkbox"/> <i>Carex granularis</i>	meadow sedge	May-Jul	N	W
<input type="checkbox"/> <i>Carex grayi</i>	Asa Gray's sedge	Jun-Oct	N	E,W
<input type="checkbox"/> <i>Carex hirtifolia</i>	hairy-leaved sedge	May-Jun	N	W
<input type="checkbox"/> <i>Carex intumescens</i>	bladder sedge	May-Sep	N	E,W
<input type="checkbox"/> <i>Carex jamesii</i>	James' sedge	May-Jun	N	W
<input type="checkbox"/> <i>Carex lasiocarpa</i>	woolly-fruit sedge	May-Aug	N(P)	E,W
<input type="checkbox"/> <i>Carex laxiculmis</i> [= <i>C. digitalis</i> copulata]	loose-culmed sedge	May-Jul	N	W
<input type="checkbox"/> <i>Carex laxiflora</i> [= <i>C. laxiflora patulifolia</i>]	loosely-flowered sedge	Apr-Jun	N	W
<input type="checkbox"/> <i>Carex lupulina</i>	hop sedge	Jun-Oct	N	E,W
<input type="checkbox"/> <i>Carex lurida</i>	shallow sedge	Jun-Oct	N	W
<input type="checkbox"/> <i>Carex normalis</i>	larger straw sedge	May-Aug	N	W
<input type="checkbox"/> <i>Carex oligocarpa</i>	few-fruited sedge	May-Jul	N	W
<input type="checkbox"/> <i>Carex pallescens</i>	rather pale sedge	May-Aug	N(T)	W
<input type="checkbox"/> <i>Carex pedunculata</i>	peduncled sedge	Apr-May	N	W
<input type="checkbox"/> <i>Carex pennsylvanica</i>	Pennsylvania sedge	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Carex projecta</i>	necklace sedge	Jun-Aug	N(T)	W
<input type="checkbox"/> <i>Carex rosea</i> [= <i>C. convoluta</i>]	rose-like sedge	May-Jul	N	E,W
<input type="checkbox"/> <i>Carex scoparia</i>	pointed broom sedge	May-Aug	N	W
<input type="checkbox"/> <i>Carex shortiana</i>	Short's sedge	May-Jun	N	W
<input type="checkbox"/> <i>Carex squarrosa</i>	squarrose sedge	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Carex stipata</i>	awl-fruited sedge	May-Aug	N	E,W
<input type="checkbox"/> <i>Carex straminea</i> [= <i>C. straminea mirabilis</i>]	straw sedge	May-Jul	N(P)	W
<input type="checkbox"/> <i>Carex striatula</i> [= <i>C. laxiflora</i> var. <i>angustifolia</i>]	lined sedge	May-Jun	N(E)	W
<input type="checkbox"/> <i>Carex typhina</i> [= <i>C. typhinoides</i>]	cat-tail sedge	Jun-Sep	N	W
<input type="checkbox"/> <i>Carex vesicaria</i> var. <i>monile</i> [= <i>C. monile</i>]	inflated sedge	Jun-Aug	N	W
<input type="checkbox"/> <i>Carex virescens</i> [= <i>C. virescens</i> var. <i>costata</i>]	greenish sedge	May-Jul	N	W
<input type="checkbox"/> <i>Carex vulpinoidea</i>	fox sedge	Jun-Jul	N	E,W
<input type="checkbox"/> <i>Cyperus esculentus</i>	chufa	Sep.	N	E,W
<input type="checkbox"/> <i>Cyperus filiculmis</i>	slender flatsedge, nutsedge	Aug-Oct	N	W
<input type="checkbox"/> <i>Cyperus schweinitzii</i>	Schweinitz's flatsedge	Jul-Sep	N(P)	W
<input type="checkbox"/> <i>Eleocharis obtusa</i>	blunt spikerush	May-Oct	N	W
<input type="checkbox"/> <i>Rhynchospora glomerata</i> [= <i>R. cymosa</i>]	clustered beakrush	Jul-Oct	N	W
<input type="checkbox"/> <i>Schoenoplectus tabernaemontani</i> [= <i>Scirpus validus</i> ; <i>Scirpus validus</i> var. <i>creber</i>]	soft-stem or great bulrush	Jul-Aug	N	E,W
<input type="checkbox"/> <i>Scirpus atrovirens</i>	green bulrush	Jun-Aug	N	E,W
<input type="checkbox"/> <i>Scirpus cyperinus</i>	wool-grass	Jun-Sep	N	E,W
<input type="checkbox"/> <i>Scirpus polyphyllus</i>	leafy bulrush	Jul-Sep	N	W

SEDGES (continued)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Scleria pauciflora</i>	few-flower nutrush	Jun-Sep	N(T)	W
<input type="checkbox"/> <i>Scleria triglomerata</i>	whip nutrush	Jun-Sep	N(P)	W
GRASSES (Poaceae)				
<input type="checkbox"/> <i>Ammophila breviligulata</i>	American beachgrass	Jul-Sep	N(T)	W
<input type="checkbox"/> <i>Andropogon virginicus</i>	broom-sedge		N	W
<input type="checkbox"/> <i>Brachyelytrum erectum</i>	erect grass	Jun-Aug	N	W
<input type="checkbox"/> <i>Bromus arvensis</i>	field chess	Jun-Jul	A	W
<input type="checkbox"/> <i>Bromus hordeaceus</i> [= <i>B. mollis</i>]	soft chess	May-Jul	A	W
<input type="checkbox"/> <i>Dactylis glomerata</i>	orchard grass	May-Sep	A	W
<input type="checkbox"/> <i>Danthonia compressa</i>	flattened oatgrass	Jun-Aug	N(P)	W
<input type="checkbox"/> <i>Danthonia spicata</i>	poverty oatgrass	May-Jul	N	W
<input type="checkbox"/> <i>Dichanthelium acuminatum</i> var. <i>fasciculatum</i> [= <i>Panicum lanuginosum</i> ; <i>P. l.</i> var. <i>implicatum</i>]	panic grass	Jun-Sep; Jul-Nov	N	E, W
<input type="checkbox"/> <i>Dichanthelium depauperatum</i> [= <i>Panicum depauperatum</i>]	impoverished panic grass	May-Aug; Jul-Oct	N(E)	W
<input type="checkbox"/> <i>Dichanthelium dichotomum</i> [= <i>Panicum dichotomum</i> ; <i>P. barbdatum</i>]	cypress witchgrass	May-Jul; Jun-Nov	N	W
<input type="checkbox"/> <i>Digitaria ischaemum</i>	small crabgrass	Jul-Oct	A	W
<input type="checkbox"/> <i>Digitaria sanguinalis</i>	hairy crabgrass	Sep-Oct	A	E, W
<input type="checkbox"/> <i>Echinochloa crus-galli</i>	barnyard grass	Sep	A	E, W
<input type="checkbox"/> <i>Eleusine indica</i>	India goosegrass	Jul-Oct	A	W
<input type="checkbox"/> <i>Elymus caninus</i> [= <i>Agropyron caninum</i>]	cutting wheatgrass	Jun-Aug	A	W
<input type="checkbox"/> <i>Elymus hystrix</i> [= <i>Hystrix patula</i>]	bottlebrush grass	Jun-Aug	N	E, W
<input type="checkbox"/> <i>Elymus trachycaulus</i> ssp. <i>subsecundus</i> [= <i>Agropyron trachycaulum</i> var. <i>glaucum</i>]	slender wheatgrass	Jun-Aug	N	W
<input type="checkbox"/> <i>Elymus virginicus</i>	Virginia wild-rye	Jul-Sep	N	E, W
<input type="checkbox"/> <i>Elytrigia repens</i> [= <i>Agropyron repens</i>]	quackgrass	Jun-Aug	A	W
<input type="checkbox"/> <i>Eragrostis pectinacea</i>	purple lovegrass	Aug-Sep	N	E, W
<input type="checkbox"/> <i>Glyceria striata</i>	fowl manna grass	May-Sep	N	E, W
<input type="checkbox"/> <i>Leersia oryzoides</i>	rice cutgrass	Aug	N	E, W
<input type="checkbox"/> <i>Leersia virginica</i>	whitegrass	Jul-Oct	N	E, W
<input type="checkbox"/> <i>Lolium pratense</i> [= <i>Festuca elatior</i>]	tall fescue	Jun-Aug	A	W
<input type="checkbox"/> <i>Muhlenbergia schreberi</i>	nimble will	Jul-Nov	N	W
<input type="checkbox"/> <i>Panicum capillare</i>	witchgrass	Sep	N	E, W
<input type="checkbox"/> <i>Phalaris arundinacea</i>	reed canary grass	Jun-Sep	Z	E, W
<input type="checkbox"/> <i>Phleum pratense</i>	timothy	Jul-Aug	A	E, W
<input type="checkbox"/> <i>Phragmites australis</i>	common reed	Jul-Sep	Z	E, W
<input type="checkbox"/> <i>Poa compressa</i>	Canada bluegrass	May-Sep	A	E, W
<input type="checkbox"/> <i>Poa pratensis</i>	Kentucky bluegrass	May-Aug	Z	E, W
<input type="checkbox"/> <i>Poa trivialis</i>	rough bluegrass	Jun-Aug	A	W
<input type="checkbox"/> <i>Setaria faberi</i>	Faber's fox-tail grass	Aug-Sep	A	E, W
<input type="checkbox"/> <i>Setaria glauca</i>	yellow bristle grass	Sep	A	E, W
<input type="checkbox"/> <i>Tridens flavus</i> [= <i>Triodia flava</i>]	purple-top tridens	Aug-Oct	N	W
<input type="checkbox"/> <i>Vulpia octoflora</i> var. <i>glauca</i> [= <i>Festuca tenella</i>]	six-weeks fescue	May-Jun	N	W
BUR-REEDS (Sparganiaceae)				
<input type="checkbox"/> <i>Sparganium americanum</i>	American bur-reed	Jun-Sep	N	W
CATTAILS (Typhaceae)				
<input type="checkbox"/> <i>Typha angustifolia</i>	narrow-leaf cattail	May-Jul	Z	E, W
<input type="checkbox"/> <i>Typha latifolia</i>	broad-leaf or common cattail	May-Jul	N	E, W

LILIES (Liliaceae)	COMMON NAME	PHENOLOGY	ORIGIN	LOC
<input type="checkbox"/> <i>Allium canadense</i>	meadow onion	May-Jul	N	E,W
<input type="checkbox"/> <i>Allium tricoccum</i>	small white leek	Jun-Jul	N	W
<input type="checkbox"/> <i>Allium vineale</i>	field garlic	May-Jul	A	W
<input type="checkbox"/> <i>Asparagus officinalis</i>	garden asparagus-fern	May-Jun	A	E,W
<input type="checkbox"/> <i>Camassia scilloides</i>	Atlantic camassia, wild hyacinth	May-Jun	N	W
<input type="checkbox"/> <i>Chamaelirium luteum</i> [= <i>C. carolinianum</i>]	fairy-wand, blazing-star	May-Jul	N	W
<input type="checkbox"/> <i>Convallaria majalis</i>	lily-of-the-valley	Apr-Jun	C	W
<input type="checkbox"/> <i>Disporum lanuginosum</i>	fairy bells, yellow mandarin	May-Jun	N	W
<input type="checkbox"/> <i>Erythronium albidum</i>	white fawnlily or trout-lily	Mar-May	N	E,W
<input type="checkbox"/> <i>Erythronium americanum</i>	yellow fawnlily or trout-lily	Mar-May	N	E,W
<input type="checkbox"/> <i>Hemerocallis fulva</i>	common orange day-lily	Jun-Aug	C	E,W
<input type="checkbox"/> <i>Lilium</i> sp.	lily	Jun-Sep		W
<input type="checkbox"/> <i>Maianthemum canadense</i> [= <i>M. convallaria</i>]	wild-lily-of-the-valley or Canada mayflower	May-Jul	N	W
<input type="checkbox"/> <i>Maianthemum racemosum</i> [= <i>Smilacina racemosa</i>]	feather false-Solomon's-seal	May-Jul	N	E,W
<input type="checkbox"/> <i>Medeola virginiana</i>	Indian cucumber-root	May-Jun	N	W
<input type="checkbox"/> <i>Ornithogalum umbellatum</i>	common star of Bethlenem	Apr-Jun	A	W
<input type="checkbox"/> <i>Polygonatum pubescens</i>	hairy Solomon's-seal	May-Jun	N	W
<input type="checkbox"/> <i>Trillium flexipes</i>	white or drooping trillium	Apr-Jun	N	E,W
<input type="checkbox"/> <i>Trillium grandiflorum</i>	large- or grand-flowered trillium	Apr-May	N	E,W
<input type="checkbox"/> <i>Uvularia grandiflora</i>	large flowered bellwort	Apr-Jun	N	W
<input type="checkbox"/> <i>Uvularia sessilifolia</i>	sessile-leaf bellwort, merry-bells	May-Jun	N	W
IRISES (Iridaceae)				
<input type="checkbox"/> <i>Iris pseudacorus</i>	yellow iris	May-Jul	A	E,W
<input type="checkbox"/> <i>Iris versicolor</i>	blueflag	May-Jul	N	E,W
<input type="checkbox"/> <i>Sisyrinchium</i> sp.	blue-eye-grass	May		W
CATBRIERS (Smilacaceae)				
<input type="checkbox"/> <i>Smilax ecirrata</i>	erect carrion-flower	May	N	W
<input type="checkbox"/> <i>Smilax herbacea</i>	smooth carrion-flower	May-Jun	N	W
<input type="checkbox"/> <i>Smilax rotundifolia</i>	common greenbrier	Apr-Jun	N	W
<input type="checkbox"/> <i>Smilax tamnoides</i> [= <i>Smilax hispida</i>]	bristly greenbrier	May-Jul	N	E,W
YAMS (Dioscoreaceae)				
<input type="checkbox"/> <i>Dioscorea villosa</i>	yellow or wild yam	Jun-Jul	N	E,W
ORCHIDS (Orchidaceae)				
<input type="checkbox"/> <i>Coeloglossum viride</i>	long-bract-green orchid	Jun-Aug	N(E)	W
<input type="checkbox"/> <i>Galearis spectabilis</i> [= <i>Orchis spectabilis</i>]	showy orchis	Apr-Jun	N	W
<input type="checkbox"/> <i>Goodyera pubescens</i>	downy rattlesnake-plantain	Jul-Aug	N	W
<input type="checkbox"/> <i>Pogonia ophioglossoides</i> [= <i>P. pendula</i>]	rose pogonia	Jun-Aug	N(T)	W
<input type="checkbox"/> <i>Spiranthes ochroleuca</i>	ladies'-tresses	Aug-Sep	N	W
<input type="checkbox"/> <i>Triphora trianthophora</i>	three-birds orchid	Jul-Sep	N(T)	W

**ALPHABETIZED LIST OF VASCULAR PLANTS
OF OLD WOMAN CREEK ESTUARY AND WATERSHED
by Scientific Name**

SCIENTIFIC NAME	COMMON NAME	FAMILY	LOC
<i>Abutilon theophrasti</i>	velvet-leaf	Malvaceae	E,W
<i>Acalypha virginica</i> var. <i>rhomboidea</i> [= <i>A. rhomboidea</i>]	three-seed mercury	Euphorbiaceae	E,W
<i>Acer negundo</i> [= <i>Negundo aceroides</i>]	box-elder	Aceraceae	W
<i>Acer nigrum</i>	black maple	Aceraceae	W
<i>Acer palmatum</i>	Japanese maple	Aceraceae	E
<i>Acer platanoides</i>	Norway maple	Aceraceae	E,W
<i>Acer rubrum</i>	red maple	Aceraceae	E,W
<i>Acer saccharinum</i>	silver maple	Aceraceae	E,W
<i>Acer saccharum</i>	sugar maple	Aceraceae	E,W
<i>Achillea millefolium</i>	common yarrow	Asteraceae	E,W
<i>Acorus americanus</i>	sweetflag	Acoraceae	E,W
<i>Acorus calamus</i>	sweetflag	Acoraceae	E
<i>Actaea pachypoda</i>	white baneberry	Ranunculaceae	W
<i>Actaea rubra</i> [= <i>A. spicata</i> ssp. <i>rubra</i>]	red baneberry	Ranunculaceae	W
<i>Adiantum pedatum</i>	northern maidenhair fern	Adiantaceae	E,W
<i>Aegilops cylindrica</i>	jointed goat-grass	Poaceae	E
<i>Aesculus glabra</i>	Ohio buckeye	Hippocastanaceae	E,W
<i>Agalinis tenuifolia</i>	slender false-foxglove or gerardia	Scrophulariaceae	W
<i>Agastache nepetoides</i>	yellow giant-hyssop	Lamiaceae	W
<i>Agastache scrophulariifolia</i> [=? <i>Lophanthus scrophulariifolius</i>]	purple giant-hyssop	Lamiaceae	W
<i>Ageratina altissima</i> [= <i>Eupatorium rugosum</i> ; <i>E. ageratooides</i>]	white snakeroot	Asteraceae	E,W
<i>Agrimonia gryposepala</i>	tall hairy grooverbur, agrimony	Rosaceae	E,W
<i>Agrimonia parviflora</i>	small-flower groovebur	Rosaceae	E,W
<i>Agrimonia pubescens</i>	downy agrimony	Rosaceae	W
<i>Agrostis stolonifera</i>	spreading bentgrass	Poaceae	E
<i>Allanthus altissima</i> [= <i>A. glandulosa</i>]	Chinese sumach	Simaroubaceae	W
<i>Alisma subcordatum</i>	subcordate water-plantain	Alismataceae	E
<i>Alisma triviale</i> [= <i>A. plantago-aquatica</i> var. <i>americanum</i>]	broad-leaf water-plantain	Alismataceae	E
<i>Alliaria petiolata</i> [= <i>A. officinalis</i>]	garlic mustard	Brassicaceae	E,W
<i>Allium canadense</i>	meadow onion	Liliaceae	E,W
<i>Allium sativum</i>	garlic	Liliaceae	E
<i>Allium tricoccum</i>	small white leek	Liliaceae	W
<i>Allium vineale</i>	field garlic	Liliaceae	W
<i>Alnus serrulata</i>	brook-side or smooth alder	Betulaceae	E
<i>Amaranthus albus</i>	white amaranth, tumbleweed	Amaranthaceae	E
<i>Amaranthus retroflexus</i>	red-root amaranth, pigweed	Amaranthaceae	E
<i>Amaranthus tuberculatus</i>	rough-fruit amaranth	Amaranthaceae	E
<i>Amaranthus</i> sp.	pigweed	Amaranthaceae	W
<i>Ambrosia artemisiifolia</i>	annual or common ragweed	Asteraceae	E,W
<i>Ambrosia trifida</i>	great or giant ragweed	Asteraceae	E,W
<i>Amelanchier arborea</i>	downy service-berry	Rosaceae	E,W
<i>Amelanchier laevis</i>	smooth service-berry, Juneberry	Rosaceae	W
<i>Ammophila breviligulata</i>	American beachgrass	Poaceae	W
<i>Amorpha fruticosa</i>	false indigo-bush	Fabaceae	E
<i>Amphicarpaea bracteata</i>	American hog-peanut	Fabaceae	E,W
<i>Andropogon gerardii</i>	big bluestem	Poaceae	W
<i>Andropogon virginicus</i>	broom-sedge	Poaceae	W
<i>Anemone canadensis</i>	Canada thimble-weed	Ranunculaceae	E,W
<i>Anemone cylindrica</i>	long-headed anemone	Ranunculaceae	W
<i>Anemone quinquefolia</i>	American woodland thimble-weed	Ranunculaceae	E
<i>Anemone virginiana</i>	tall thimble-weed, windflower	Ranunculaceae	E,W
<i>Antennaria neglecta</i>	field pussytoes	Asteraceae	W
<i>Antennaria parlinii</i>	Parlin's everlasting pusseytoes	Asteraceae	W
<i>Antennaria plantaginifolia</i>	plantain pussytoes	Asteraceae	E
<i>Antirrhinum majus</i>	common snapdragon	Scrophulariaceae	E

SCIENTIFIC NAME	COMMON NAME	FAMILY	LOC
<i>Apios americana</i>	American potato-bean, groundnut	Fabaceae	E,W
<i>Apocynum cannabinum</i> [= <i>A. sibiricum</i>]	clasping-leaf dogbane	Apocynaceae	E,W
<i>Aquilegia canadensis</i>	wild columbine	Ranunculaceae	W
<i>Arabidopsis thaliana</i>	mouse-ear cress	Brassicaceae	W
<i>Arabis laevigata</i>	smooth rock cress	Brassicaceae	E,W
<i>Arctium minus</i>	common burdock	Asteraceae	E,W
<i>Arenaria serpyllifolia</i>	thyme-leaf sandwort	Caryophyllaceae	W
<i>Arisaema dracontium</i>	green dragon	Araceae	W
<i>Arisaema triphyllum</i> [= <i>A. atrorubens</i>]	swamp Jack-in-the-pulpit	Araceae	E,W
<i>Aristolochia serpentaria</i>	Virginia snakeroot	Aristolochiaceae	W
<i>Arnoglossum atriplicifolium</i> [= <i>Cacalia atriplicifolia</i>]	pale Indian-plantain	Asteraceae	E
<i>Aronia melanocarpa</i> [=? <i>Pyrus arbutifolia melanocarpa</i>]	black chokeberry	Rosaceae	W
<i>Artemisia campestris</i>	beach wormwood	Asteraceae	E
<i>Artemisia campestris</i> ssp. <i>caudata</i> [= <i>A. caudata</i>]	wormwood	Asteraceae	E
<i>Artemisia vulgaris</i>	mugwort	Asteraceae	W
<i>Asarum canadense</i> [= <i>A. reflexum</i>]	wild or short-lobed ginger	Aristolochiaceae	E,W
<i>Asclepias incarnata</i>	swamp milkweed	Asclepiadaceae	E,W
<i>Asclepias sullivantii</i>	smooth milkweed	Asclepiadaceae	E
<i>Asclepias syriaca</i>	common milkweed	Asclepiadaceae	E,W
<i>Asclepias tuberosa</i>	butterfly-weed	Asclepiadaceae	E,W
<i>Asimina triloba</i>	common or North American papaw	Annonaceae	W
<i>Asparagus officinalis</i>	garden asparagus-fern	Liliaceae	E,W
<i>Aster boreaus</i> [= <i>A. junciformis</i>]	rush aster	Asteraceae	W
<i>Aster cordifolius</i>	common blue heart-leaved aster	Asteraceae	E,W
<i>Aster cordifolius</i> var. <i>sagittifolius</i> [= <i>A. sagittifolius</i>]	arrow-leaved aster	Asteraceae	E,W
<i>Aster dumosus</i>	bush aster	Asteraceae	E
<i>Aster ericoides</i>	white heath aster	Asteraceae	E
<i>Aster laevis</i>	smooth aster	Asteraceae	E
<i>Aster lanceolatus</i> [= <i>A. paniculatus</i> ; <i>A. simplex</i>]	panicled aster	Asteraceae	E,W
<i>Aster lateriflorus</i> [= <i>A. vimineus</i>]	calico aster	Asteraceae	E,W
<i>Aster longifolius</i> [= <i>A. junceus</i>]	New York aster	Asteraceae	W
<i>Aster macrophyllus</i>	big-leaf aster	Asteraceae	W
<i>Aster novae-angliae</i>	New England aster	Asteraceae	E,W
<i>Aster oolentangiensis</i> [= <i>A. azureus</i>]	prairie heart-leaved aster	Asteraceae	E
<i>Aster pilosus</i>	awl aster	Asteraceae	W
<i>Aster pilosus</i> var. <i>demotus</i> [= <i>A. racemosus</i>]	coastal-plain aster	Asteraceae	E,W
<i>Aster praealtus</i>	willow-leaf aster	Asteraceae	E
<i>Aster prenanthoides</i>	crooked-stem aster	Asteraceae	W
<i>Aster shortii</i>	midwestern blue heart-leaved aster	Asteraceae	E
<i>Aster undulatus</i>	clasping heart-leaved aster	Asteraceae	E
<i>Aster</i> sp.	aster	Asteraceae	E
<i>Astragalus canadensis</i>	Canada milkvetch	Fabaceae	E
<i>Athyrium filix-femina</i>	subarctic lady fern	Aspleniaceae	E,W
<i>Atriplex</i> sp.	orache	Chenopodiaceae	W
<i>Aureolaria flava</i>	smooth false-foxglove	Scrophulariaceae	N
<i>Baptisia tinctoria</i>	wild indigo	Fabaceae	W
<i>Barbarea vulgaris</i>	yellow rocket	Brassicaceae	E,W
<i>Bartonia virginica</i>	yellow screwstem	Gentianaceae	W
<i>Berberis thunbergii</i>	Japanese barberry	Berberidaceae	E,W
<i>Berberis vulgaris</i>	European or common barberry	Berberidaceae	E
<i>Bidens cernua</i>	nodding beggar-ticks	Asteraceae	E,W
<i>Bidens connata</i>	purple-stem beggar-ticks	Asteraceae	E
<i>Bidens frondosa</i>	devil's beggar-ticks	Asteraceae	E,W
<i>Bidens laevis</i>	smooth beggar-ticks, tickseed	Asteraceae	E
<i>Bidens vulgata</i>	tall beggar-ticks	Asteraceae	W
<i>Boehmeria cylindrica</i>	small-spike false-nettle	Urticaceae	E
<i>Bolboschoenus fluviatilis</i> <i>fluviatilis</i> [= <i>Scirpus fluviatilis</i>]	river bulrush	Cyperaceae	E
<i>Botrychium dissectum</i>	cut-leaf grapefern	Ophioglossaceae	W
<i>Botrychium rugulosum</i> [= <i>B. ternatum</i>]	leathery grapefern	Ophioglossaceae	W

SCIENTIFIC NAME	COMMON NAME	FAMILY	LOC
<i>Botrychium virginianum</i>	rattlesnake fern	Ophioglossaceae	E, W
<i>Brachyelytrum erectum</i>	erect grass	Poaceae	W
<i>Brassica nigra</i>	black mustard	Brassicaceae	W
<i>Brassica rapa</i> [= <i>B. campestris</i>]	field mustard	Brassicaceae	E
<i>Bromus arvensis</i>	field chess	Poaceae	W
<i>Bromus hordeaceus</i> [= <i>B. mollis</i>]	soft chess	Poaceae	W
<i>Bromus japonicus</i>	Japanese brome	Poaceae	E
<i>Bromus kalmii</i>	Kalm's brome	Poaceae	E
<i>Buglossoides arvensis</i> [= <i>Lithospermum arvense</i>]	corn gromwell	Boraginaceae	W
<i>Bulbostylis capillaris</i> [= <i>Fimbristylis capillaris</i>]	dense-tuft hairsedge	Cyperaceae	W
<i>Butomus umbellatus</i>	flowering-rush	Butomaceae	E
<i>Cakile edentula</i>	American or inland searocket	Brassicaceae	E
<i>Calamagrostis canadensis</i>	blue-joint reedgrass	Poaceae	E
<i>Callitriche heterophylla</i>	larger water-starwort	Callitrichaceae	W
<i>Caltha palustris</i>	common marsh marigold	Ranunculaceae	E, W
<i>Calystegia sepium</i> [= <i>Convolvulus sepium</i>]	hedge bindweed	Convolvulaceae	E, W
<i>Camassia scilloides</i>	Atlantic camassia, wild hyacinth	Liliaceae	W
<i>Campsis radicans</i>	trumpet creeper	Bignoniaceae	E, W
<i>Capsella bursa-pastoris</i>	common shepherd's purse	Brassicaceae	W
<i>Cardamine bulbosa</i>	bulbous bitter-cress, spring cress	Brassicaceae	E, W
<i>Cardamine concatenata</i> [= <i>Dentaria laciniata</i>]	cut-leaf toothwort	Brassicaceae	E, W
<i>Cardamine diphylla</i> [= <i>Dentaria diphylla</i>]	two-leaf or common toothwort	Brassicaceae	W
<i>Cardamine douglassii</i>	purple bitter-cress	Brassicaceae	E, W
<i>Cardamine hirsuta</i>	hairy bitter-cress	Brassicaceae	W
<i>Cardamine pennsylvanica</i>	Pennsylvania bitter-cress	Brassicaceae	E, W
<i>Carex albicans</i> [= <i>C. artitecta</i>]	closely-covered sedge	Cyperaceae	E
<i>Carex albursina</i> [= <i>C. laxiflora</i> var. <i>latifolia</i>]	loose-flowered sedge	Cyperaceae	W
<i>Carex amphibola</i> var. <i>turgida</i> [= <i>C. grisea</i>]	narrow-leaf sedge	Cyperaceae	E, W
<i>Carex annectens</i>	yellow-fruit sedge	Cyperaceae	E
<i>Carex aquatilis</i>	water or leafy tussock sedge	Cyperaceae	E
<i>Carex arctata</i>	northern clustered sedge	Cyperaceae	W
<i>Carex atherodes</i>	slough sedge	Cyperaceae	E
<i>Carex bebbii</i>	Bebb's sedge	Cyperaceae	E
<i>Carex bicknellii</i>	Bicknell's sedge	Cyperaceae	E, W
<i>Carex blanda</i>	woodland sedge	Cyperaceae	E, W
<i>Carex brevior</i>	shorter sedge	Cyperaceae	E
<i>Carex bromoides</i>	brome-like sedge	Cyperaceae	W
<i>Carex cephalophora</i>	oval-leaf sedge	Cyperaceae	E
<i>Carex comosa</i>	bearded or longhair sedge	Cyperaceae	E
<i>Carex complanata</i>	hirsute sedge	Cyperaceae	E
<i>Carex conjuncta</i>	soft fox sedge	Cyperaceae	W
<i>Carex crinita</i>	fringed sedge	Cyperaceae	E, W
<i>Carex crus-corvi</i>	raven-foot sedge	Cyperaceae	E
<i>Carex davisii</i>	Davis' sedge	Cyperaceae	W
<i>Carex digitalis</i>	finger sedge	Cyperaceae	E, W
<i>Carex echinata</i> [= <i>C. cephalantha</i>]	little prickly sedge	Cyperaceae	E
<i>Carex frankii</i>	Frank's sedge	Cyperaceae	E, W
<i>Carex glaucoidea</i> [= <i>C. flaccosperma</i> var. <i>glaucoidea</i>]	thin-fruit sedge	Cyperaceae	W
<i>Carex granularis</i>	meadow sedge	Cyperaceae	W
<i>Carex grayi</i>	Asa Gray's sedge	Cyperaceae	E, W
<i>Carex hirsutella</i>	slightly hirsute sedge	Cyperaceae	E
<i>Carex hirtifolia</i>	hairy-leaved sedge	Cyperaceae	W
<i>Carex intumescens</i>	bladder sedge	Cyperaceae	E, W
<i>Carex jamesii</i>	James' sedge	Cyperaceae	W
<i>Carex lacustris</i>	lakebank sedge	Cyperaceae	E
<i>Carex lasiocarpa</i>	woolly-fruit sedge	Cyperaceae	E, W
<i>Carex laxiculmis</i> [= ? <i>C. digitalis</i> copulata]	loose-culmed sedge	Cyperaceae	W
<i>Carex laxiflora</i> [= <i>C. laxiflora patulifolia</i>]	loosely-flowered sedge	Cyperaceae	W
<i>Carex lupulina</i>	hop sedge	Cyperaceae	E, W
<i>Carex lurida</i>	shallow sedge	Cyperaceae	W
<i>Carex normalis</i>	larger straw sedge	Cyperaceae	W
<i>Carex oligocarpa</i>	few-fruited sedge	Cyperaceae	W

SCIENTIFIC NAME	COMMON NAME	FAMILY	LOC
<i>Carex pallescens</i>	rather pale sedge	Cyperaceae	W
<i>Carex pedunculata</i>	peduncled sedge	Cyperaceae	W
<i>Carex pensylvanica</i>	Pennsylvania sedge	Cyperaceae	E, W
<i>Carex projecta</i>	necklace sedge	Cyperaceae	W
<i>Carex radiata</i>	radiate sedge	Cyperaceae	E
<i>Carex retroflexa</i>	reflexed sedge	Cyperaceae	E, W
<i>Carex rosea</i> [= <i>C. convoluta</i>]	rose-like sedge	Cyperaceae	W
<i>Carex scoparia</i>	pointed broom sedge	Cyperaceae	W
<i>Carex shortiana</i>	Short's sedge	Cyperaceae	E, W
<i>Carex squarrosa</i>	squarrose sedge	Cyperaceae	E, W
<i>Carex stipata</i>	awl-fruited sedge	Cyperaceae	W
<i>Carex straminea</i> [=? <i>C. straminea mirabilis</i>]	straw sedge	Cyperaceae	W
<i>Carex striatula</i> [= <i>C. laxiflora</i> var. <i>angustifolia</i>]	lined sedge	Cyperaceae	E
<i>Carex tribuloides</i>	blunt broom sedge	Cyperaceae	W
<i>Carex typhina</i> [=? <i>C. typhinoidea</i>]	cat-tail sedge	Cyperaceae	W
<i>Carex vesicaria</i> var. <i>monile</i> [= <i>C. monile</i>]	inflated sedge	Cyperaceae	W
<i>Carex virescens</i> [= <i>C. virescens</i> var. <i>costata</i>]	greenish sedge	Cyperaceae	E, W
<i>Carex vulpinoidea</i>	fox sedge	Cyperaceae	W
<i>Carpinus caroliniana</i>	American hornbeam, ironwood	Betulaceae	E
<i>Carya alba</i> [= <i>C. tomentosa</i>]	mockernut hickory	Juglandaceae	E, W
<i>Carya cordiformis</i>	bitter-nut hickory	Juglandaceae	E, W
<i>Carya ovata</i>	shag-bark hickory	Juglandaceae	E, W
<i>Castanea dentata</i>	American chestnut	Fagaceae	E
<i>Catalpa bignonioides</i>	southern catalpa	Bignoniaceae	W
<i>Catalpa speciosa</i>	northern catalpa	Bignoniaceae	W
<i>Caulophyllum thalictroides</i>	blue cohosh	Berberidaceae	E, W
<i>Ceanothus americanus</i>	New Jersey tea	Rhamnaceae	E, W
<i>Celastrus scandens</i>	American bittersweet	Celastraceae	E, W
<i>Celtis occidentalis</i>	common or northern hackberry	Ulmaceae	E
<i>Cenchrus incertus</i> [= <i>C. pauciflorus</i>]	few-flower sandbur	Poaceae	E, W
<i>Cephalanthus occidentalis</i>	common buttonbush	Rubiaceae	E
<i>Cerastium arvense</i>	field chickweed	Caryophyllaceae	E
<i>Cerastium fontanum</i>	mouse-ear chickweed	Caryophyllaceae	E, W
<i>Cerastium fontanum</i> ssp. <i>vulgare</i> [= <i>C. vulgatum</i>]	common mouse-ear chickweed	Caryophyllaceae	E
<i>Ceratophyllum demersum</i>	common hornwort, coontail	Ceratophyllaceae	E, W
<i>Cercis canadensis</i>	eastern redbud	Caesalpiniaceae	E
<i>Chaenorrhinum minus</i>	lesser toadflax	Scrophulariaceae	W
<i>Chaerophyllum procumbens</i>	spreading chervil	Apiaceae	W
<i>Chamaelirium luteum</i> [=? <i>C. carolinianum</i>]	fairy-wand, blazing-star	Liliaceae	W
<i>Chamaesyce maculata</i> [= <i>Euphorbia maculata</i>]	spotted broomspurge	Euphorbiaceae	W
<i>Chamaesyce nutans</i> [= <i>Euphorbia nutans</i>]	eyebane broomspurge	Euphorbiaceae	E
<i>Chamaesyce polygonifolia</i> [= <i>Euphorbia polygonifolia</i>]	seaside broomspurge	Euphorbiaceae	W
<i>Chelidonium majus</i>	celandine	Papaveraceae	E, W
<i>Chelone glabra</i>	white turtlehead	Scrophulariaceae	W
<i>Chenopodium album</i>	white goosefoot, lamb's quarters	Chenopodiaceae	W
<i>Chenopodium simplex</i> [= <i>C. hybridum</i>]	maple-leaved goosefoot	Chenopodiaceae	W
<i>Chimaphila umbellata</i>	prince's pine	Pyrolaceae	E, W
<i>Cichorium intybus</i>	chicory	Asteraceae	E, W
<i>Cicuta maculata</i>	spotted water-hemlock	Apiaceae	E, W
<i>Cimicifuga racemosa</i>	black snakeroot or cohosh	Ranunculaceae	E
<i>Cinna arundinacea</i>	stout wood-reed grass	Poaceae	E, W
<i>Circaea lutetiana</i> [= <i>C. quadrisulcata</i>]	common enchanter's nightshade	Onagraceae	E, W
<i>Cirsium arvense</i>	creeping thistle	Asteraceae	W
<i>Cirsium muticum</i>	swamp thistle	Asteraceae	E, W
<i>Cirsium vulgare</i>	bull thistle	Asteraceae	E, W
<i>Claytonia virginica</i>	narrow-leaf springbeauty	Portulacaceae	E, W
<i>Clematis virginiana</i>	Virginia virgin's-bower	Ranunculaceae	W
<i>Coeloglossum viride</i>	long-bract-green orchid	Orchidaceae	E
<i>Collinsonia canadensis</i>	Canada horse-balm	Lamiaceae	E
<i>Comandra umbellata</i>	umbellate bastard-toadflax	Santalaceae	E
<i>Commelina communis</i>	Asiatic dayflower	Commelinaceae	E, W

SCIENTIFIC NAME	COMMON NAME	FAMILY	LOC
<i>Convallaria majalis</i>	lily-of-the-valley	Liliaceae	W
<i>Convolvulus arvensis</i>	field bindweed	Convolvulaceae	E,W
<i>Conyza canadensis</i> [= <i>Erigeron canadensis</i>]	horseweed	Asteraceae	E,W
<i>Coreopsis tripteris</i>	tall tickseed	Asteraceae	E,W
<i>Cornus alternifolia</i>	alternate-leaf or pagoda dogwood	Cornaceae	W
<i>Cornus amomum</i>	silky or knob-styled dogwood	Cornaceae	E,W
<i>Cornus drummondii</i>	rough-leaf dogwood	Cornaceae	E,W
<i>Cornus florida</i>	flowering dogwood	Cornaceae	E,W
<i>Cornus racemosa</i>	gray dogwood	Cornaceae	E,W
<i>Cornus rugosa</i>	round-leaved dogwood	Cornaceae	W
<i>Cornus sericea</i> [= <i>C. stolonifera</i>]	red-osier dogwood	Cornaceae	E,W
<i>Coronilla varia</i>	crown vetch	Fabaceae	W
<i>Corylus americana</i>	American hazel-nut	Betulaceae	E,W
<i>Crataegus crus-galli</i>	cockspur hawthorn	Rosaceae	W
<i>Crataegus mollis</i>	downy hawthorn	Rosaceae	E
<i>Crataegus punctata</i>	dotted hawthorn	Rosaceae	W
<i>Crataegus</i> spp.	hawthorns	Rosaceae	E,W
<i>Cryptotaenia canadensis</i>	Canada honewort	Apiaceae	E,W
<i>Cuscuta gronovii</i>	common dodder	Cuscutaceae	E,W
<i>Cuscuta polygonorum</i>	smartweed dodder	Cuscutaceae	E
<i>Cycloloma atriplicifolium</i>	winged pigweed	Chenopodiaceae	E
<i>Cynoglossum officinale</i>	hound's-tongue	Boraginaceae	W
<i>Cyperus bipartitus</i> [= <i>C. rivularis</i>]	shining flatsedge	Cyperaceae	E
<i>Cyperus erythrorhizos</i>	red-root flatsedge, umbrella-sedge	Cyperaceae	E
<i>Cyperus esculentus</i>	chufa	Cyperaceae	E,W
<i>Cyperus filiculmis</i>	slender flatsedge, nutsedge	Cyperaceae	W
<i>Cyperus odoratus</i>	rusty or Englemann flatsedge	Cyperaceae	E
[= <i>C. ferruginescens</i> ; <i>C. engelmannii</i>]			
<i>Cyperus schweinitzii</i>	Schweinitz's flatsedge	Cyperaceae	W
<i>Cyperus strigosus</i>	straw-color flatsedge, galingale	Cyperaceae	E
<i>Cystopteris bulbifera</i>	bulblet fern	Aspleniaceae	W
<i>Cystopteris tenuis</i>	fragile fern	Aspleniaceae	W
<i>Dactylis glomerata</i>	orchard grass	Poaceae	W
<i>Danthonia compressa</i>	flattened oatgrass	Poaceae	W
<i>Danthonia spicata</i>	poverty oatgrass	Poaceae	W
<i>Datura stramonium</i>	jimsonweed	Solanaceae	E,W
<i>Daucus carota</i>	wild carrot, Queen Anne's lace	Apiaceae	E,W
<i>Decodon verticillatus</i>	hairy swamp-loosestrife	Lythraceae	E
<i>Desmodium canadense</i>	showy tick-trefoil	Fabaceae	E,W
<i>Desmodium canescens</i>	hoary tick-trefoil	Fabaceae	E
<i>Desmodium ciliare</i>	little-leaf tick-trefoil	Fabaceae	W
<i>Desmodium glutinosum</i>	cluster-leaf tick-trefoil	Fabaceae	E
<i>Desmodium laevigatum</i>	smooth tick-trefoil	Fabaceae	E
<i>Desmodium paniculatum</i>	panicled tick-trefoil	Fabaceae	E,W
<i>Desmodium pauciflorum</i>	few-flowered tick-trefoil	Fabaceae	W
<i>Dianthus armeria</i>	Deptford pink	Caryophyllaceae	W
<i>Dicentra canadensis</i>	squirrel-corn	Fumariaceae	W
<i>Dicentra cucullaria</i>	Dutchman's breeches	Fumariaceae	E,W
<i>Dichanthelium acuminatum</i> var. <i>fasciculatum</i> [= <i>Panicum lanuginosum</i> ; <i>P. l.</i> var. <i>implicatum</i>]	panic grass	Poaceae	E,W
<i>Dichanthelium depauperatum</i> [= <i>Panicum depauperatum</i>]	impoverished panic grass	Poaceae	W
<i>Dichanthelium dichotomum</i> [= <i>Panicum dichotomum</i> ; <i>P. barbulatum</i>]	cypress witchgrass	Poaceae	W
<i>Digitaria ischaemum</i>	small crabgrass	Poaceae	W
<i>Digitaria sanguinalis</i>	hairy crabgrass	Poaceae	E,W
<i>Dioscorea quaternata</i>	four-leaf yam	Dioscoreaceae	E
<i>Dioscorea villosa</i>	yellow or wild yam	Dioscoreaceae	E,W
<i>Dipsacus fullonum</i> ssp. <i>sylvestris</i> [= <i>D. sylvestris</i>]	teasel	Dipsacaceae	E,W
<i>Disporum lanuginosum</i>	fairy bells, yellow mandarin	Liliaceae	W
<i>Draba verna</i> [= <i>Erophila verna</i>]	whitflow-grass	Brassicaceae	W
<i>Drosera rotundifolia</i>	round-leaf sundew	Droseraceae	W
<i>Dryopteris carthusiana</i> [= <i>D. austriaca</i> var. <i>spinulosa</i>]	spinulose woodfern	Aspleniaceae	E,W

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<i>Dryopteris intermedia</i> [= <i>D. austriaca</i> var. <i>intermedia</i>]	evergreen woodfern	Aspleniaceae	E,W
<i>Dryopteris marginalis</i>	marginal shield-fern or woodfern	Aspleniaceae	W
<i>Dryopteris</i> sp.	woodfern	Aspleniaceae	E
<i>Duchesnea indica</i>	Indian mock-strawberry	Rosaceae	W
<i>Echinochloa crus-galli</i>	barnyard grass	Poaceae	E,W
<i>Echinochloa muricata</i> [= <i>E. pungens</i>]	rough barnyard grass	Poaceae	E
<i>Echinochloa walteri</i>	coast cocksbur, Walter's millet	Poaceae	E
<i>Echinocystis lobata</i>	wild mock-cucumber	Cucurbitaceae	E,W
<i>Eclipta prostrata</i> [= <i>E. alba</i>]	yerba de tajo, pie-plate-plant	Asteraceae	E
<i>Elaeagnus angustifolia</i>	Russian olive	Elaeagnaceae	E
<i>Elaeagnus umbellata</i>	autumn-olive	Elaeagnaceae	W
<i>Eleocharis obtusa</i>	blunt spikerush	Cyperaceae	W
<i>Eleocharis ovata</i>	ovate spikerush	Cyperaceae	E
<i>Eleusine indica</i>	India goosegrass	Poaceae	W
<i>Elodea canadensis</i>	broad water-weed	Hydrocharitaceae	E,W
<i>Elymus canadensis</i>	nodding wild-rye	Poaceae	E
<i>Elymus caninus</i> [= <i>Agropyron caninum</i>]	cutting wheatgrass	Poaceae	W
<i>Elymus hystrix</i> [= <i>Hystrix patula</i>]	bottlebrush grass	Poaceae	E,W
<i>Elymus trachycaulus</i> ssp. <i>subsecundus</i> [= <i>Agropyron trachycaulum</i> var. <i>glaucum</i>]	slender wheatgrass	Poaceae	W
<i>Elymus villosus</i>	hairy wild-rye	Poaceae	E
<i>Elymus virginicus</i>	Virginia wild-rye	Poaceae	E,W
<i>Elytrigia repens</i> [= <i>Agropyron repens</i>]	quackgrass	Poaceae	W
<i>Epifagus virginiana</i>	beech-drops	Orobanchaceae	W
<i>Epigaea repens</i>	trailing arbutus, ground laurel	Ericaceae	W
<i>Epilobium ciliatum</i>	hairy or northern willow-herb	Onagraceae	E,W
<i>Epilobium ciliatum</i> ssp. <i>glandulosum</i> [= <i>E. glandulosum</i>]	willow-herb	Onagraceae	E
<i>Epipactis helleborine</i> [= <i>E. latifolia</i>]	helleborine	Orchidaceae	E
<i>Equisetum arvense</i>	field or common horsetail	Equisetaceae	E,W
<i>Equisetum hyemale</i>	rough horsetail, scouring rush	Equisetaceae	W
<i>Eragrostis pectinacea</i>	purple lovegrass	Poaceae	E,W
<i>Erechtites hieracifolia</i>	American burn, pilewort	Asteraceae	W
<i>Erigeron annuus</i>	white-top fleabane	Asteraceae	E,W
<i>Erigeron philadelphicus</i>	Philadelphia or daisy fleabane	Asteraceae	E,W
<i>Erigeron strigosus</i>	prairie fleabane	Asteraceae	E,W
<i>Erodium cicutarium</i>	redstem-filaree, storksbill	Geraniaceae	W
<i>Erysimum repandum</i>	treacle mustard	Brassicaceae	W
<i>Erythronium albidum</i>	white fawnlily or trout-lily	Liliaceae	E,W
<i>Erythronium americanum</i>	yellow fawnlily or trout-lily	Liliaceae	E,W
<i>Euonymus fortunei</i>	bigleaf or Chinese wintercreeper	Celastraceae	E,W
<i>Euonymus</i> sp.	spindle-tree	Celastraceae	W
<i>Eupatorium altissimum</i>	tall eupatorium	Asteraceae	E
<i>Eupatorium maculatum</i>	spotted Joe-pye-weed	Asteraceae	E,W
<i>Eupatorium perfoliatum</i>	common boneset	Asteraceae	E,W
<i>Eupatorium pilosum</i>	hairy thoroughwort	Asteraceae	E
<i>Eupatorium purpureum</i>	sweet Joe-pye-weed	Asteraceae	W
<i>Euphorbia corollata</i>	flowering spurge	Euphorbiaceae	E
<i>Euphorbia cyparissias</i>	cypress spurge	Euphorbiaceae	W
<i>Euphorbia dentata</i>	toothed spurge	Euphorbiaceae	E
<i>Euthamia graminifolia</i>	flat-top fragrant-golden-rod	Asteraceae	E,W
<i>Euthamia tenuifolia</i> [= <i>Solidago tenuifolia</i>]	narrow-leaf fragrant-golden-rod	Asteraceae	E
<i>Fagus grandifolia</i> [= <i>F. ferruginea</i>]	American beech	Fagaceae	E,W
<i>Floerkea proserpinacoides</i>	false mermaid-weed	Limnanthaceae	E,W
<i>Fragaria vesca</i>	woodland strawberry	Rosaceae	W
<i>Fragaria virginiana</i>	Virginia or wild strawberry	Rosaceae	E,W
<i>Frangula alnus</i> [= <i>Rhamnus frangula</i>]	glossy buckthorn	Rhamnaceae	W
<i>Frasera carolinensis</i> [= <i>Swertia carolinensis</i>]	American columbo	Gentianaceae	E,W
<i>Fraxinus americana</i>	white ash	Oleaceae	E,W
<i>Fraxinus pennsylvanica</i> [= <i>F. p.</i> var. <i>subintegerrima</i>]	green ash	Oleaceae	E
<i>Fumaria officinalis</i>	fumitory	Fumariaceae	W
<i>Galearis spectabilis</i> [= <i>Orchis spectabilis</i>]	showy orchis	Orchidaceae	W
<i>Galinsoga parviflora</i>	lesser quickweed or galinsoga	Asteraceae	E,W

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<i>Galinsoga quadriradiata</i>	common quickweed or galinsoga	Asteraceae	W
<i>Galium aparine</i>	catchweed bedstraw, cleavers	Rubiaceae	E,W
<i>Galium asprellum</i>	rough bedstraw	Rubiaceae	E
<i>Galium circaeazans</i>	forest bedstraw	Rubiaceae	E,W
<i>Galium lanceolatum</i>	wild licorice	Rubiaceae	W
<i>Galium mollugo</i>	wild madder	Rubiaceae	W
<i>Galium obtusum</i>	blunt-leaf bedstraw	Rubiaceae	W
<i>Galium tinctorium</i>	stiff marsh bedstraw	Rubiaceae	E
<i>Galium trifidum</i>	small bedstraw	Rubiaceae	W
<i>Galium triflorum</i>	sweet-scent bedstraw	Rubiaceae	E,W
<i>Gaultheria procumbens</i>	creeping wintergreen	Ericaceae	W
<i>Gaura biennis</i>	biennial butterfly-weed or gaura	Onagraceae	E
<i>Gentiana andrewsii</i>	fringe-top bottle or closed gentian	Gentianaceae	E
<i>Gentianella tenella</i> [= <i>Bartonia tenella</i>]	gentian	Gentianaceae	W
<i>Gentianopsis crinita</i> [= <i>Gentiana crinita</i>]	fringed gentian	Gentianaceae	W
<i>Geranium carolinianum</i>	Carolina crane's-bill	Geraniaceae	W
<i>Geranium maculatum</i>	purple crane's-bill, wild geranium	Geraniaceae	E,W
<i>Geranium pusillum</i>	small-flowered crane's-bill	Geraniaceae	W
<i>Geum canadense</i>	white avens	Rosaceae	E,W
<i>Geum laciniatum</i>	rough avens	Rosaceae	E,W
<i>Geum vernum</i>	spring or vernal avens	Rosaceae	W
<i>Glechoma hederacea</i>	ground ivy	Lamiaceae	W
<i>Gleditsia triacanthos</i>	honey-locust	Caesalpiniaceae	W
<i>Glyceria striata</i>	fowl manna grass	Poaceae	E,W
<i>Goodyera pubescens</i>	downy rattlesnake-plantain	Orchidaceae	W
<i>Gratiola neglecta</i>	clammy hedgehyssop	Scrophulariaceae	W
<i>Gymnocarpium dryopteris</i>	oak-fern	Aspleniaceae	W
<i>Gymnocladus dioica</i> [= <i>G. canadensis</i>]	Kentucky coffee-tree	Caesalpiniaceae	E,W
<i>Hackelia virginiana</i>	Virginia stickseed	Boraginaceae	W
<i>Hamamelis virginiana</i>	American witch hazel	Hamamelidaceae	W
<i>Helenium autumnale</i>	common sneezeweed	Asteraceae	E
<i>Helianthemum bicknellii</i> [= <i>H. majus</i> misapplied]	plains frostweed	Cistaceae	E,W
<i>Helianthus annuus</i>	common or garden sunflower	Asteraceae	W
<i>Helianthus divaricatus</i>	divaricate sunflower	Asteraceae	E
<i>Helianthus hirsutus</i>	hairy sunflower	Asteraceae	E
<i>Helianthus strumosus</i>	rough-leaved sunflower	Asteraceae	E
<i>Helianthus tuberosus</i>	Jerusalem artichoke	Asteraceae	E,W
<i>Heliopsis helianthoides</i>	ox-eye, sunflower-everlasting	Asteraceae	E
<i>Hemerocallis fulva</i>	common orange day-lily	Liliaceae	E,W
<i>Hepatica nobilis</i> var. <i>acuta</i> [= <i>H. acutiloba</i>]	sharp-lobed hepatica	Ranunculaceae	E,W
<i>Heracleum maximum</i>	cow-parsnip	Apiaceae	W
<i>Hesperis matronalis</i>	dame's rocket	Brassicaceae	E,W
<i>Heuchera americana</i>	American alum-root	Saxifragaceae	E,W
<i>Hibiscus moscheutos</i> [= <i>H. palustris</i>]	swamp rosemallow	Malvaceae	E
<i>Hibiscus trionum</i>	flower-of-the-hour	Malvaceae	E,W
<i>Hieracium aurantiacum</i>	orange-red king-devil or hawkweed	Asteraceae	E,W
<i>Hieracium caespitosum</i> [= <i>H. pratense</i>]	yellow king-devil, field hawkweed	Asteraceae	E,W
<i>Hieracium x floribundum</i>	smoothish hawkweed	Asteraceae	W
<i>Hieracium paniculatum</i>	panicked hawkweed	Asteraceae	W
<i>Hieracium pilosella</i>	mouse-ear hawkweed	Asteraceae	W
<i>Hieracium venosum</i>	veiny hawkweed	Asteraceae	E
<i>Houstonia caerulea</i> [= <i>Hedyotis caerulea</i>]	innocence, bluets	Rubiaceae	E,W
<i>Hydrangea arborescens</i>	wild hydrangea	Hydrangeaceae	E
<i>Hydrastis canadensis</i>	goldenseal	Ranunculaceae	E,W
<i>Hydrophyllum virginianum</i>	Virginia waterleaf	Hydrophyllaceae	E,W
<i>Hypericum ascyron</i> [= <i>H. pyramidatum</i>]	great St. John's-wort	Clusiaceae	W
<i>Hypericum majus</i>	large Canadian St. John's-wort	Clusiaceae	E
<i>Hypericum perforatum</i>	common St. John's-wort	Clusiaceae	E,W
<i>Hypericum punctatum</i>	dotted or spotted St. John's-wort	Clusiaceae	E,W
<i>Hypoxis hirsuta</i>	eastern yellow stargrass	Liliaceae	E
<i>Ilex verticillata</i>	common winterberry	Aquifoliaceae	E
<i>Impatiens capensis</i>	spotted touch-me-not, jewelweed	Balsaminaceae	E,W
<i>Impatiens pallida</i>	pale touch-me-not	Balsaminaceae	E,W
<i>Ipomoea pandurata</i>	wild sweet-potato vine	Convolvulaceae	W

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<i>Ipomoea purpurea</i>	common morning-glory	Convolvulaceae	W
<i>Iris pseudacorus</i>	yellow iris	Iridaceae	E, W
<i>Iris versicolor</i>	blueflag	Iridaceae	E, W
<i>Juglans cinerea</i>	butternut	Juglandaceae	W
<i>Juglans nigra</i>	black walnut	Juglandaceae	E, W
<i>Juncus acuminatus</i>	taper-tip rush	Juncaceae	E
<i>Juncus biflorus</i>	turnflower rush	Juncaceae	W
<i>Juncus canadensis</i>	Canada rush	Juncaceae	W
<i>Juncus effusus</i>	soft rush	Juncaceae	E, W
<i>Juncus marginatus</i>	grass-leaf rush	Juncaceae	W
<i>Juncus nodosus</i>	knotted rush	Juncaceae	W
<i>Juncus tenuis</i>	slender or path rush	Juncaceae	E, W
<i>Juncus torreyi</i>	Torrey's rush	Juncaceae	W
<i>Juniperus virginiana</i>	eastern red cedar	Cupressaceae	W
<i>Krigia biflora</i>	two-flower dwarf-dandelion, Cynthia	Asteraceae	E
<i>Lactuca biennis</i>	biennial or tall blue lettuce	Asteraceae	W
<i>Lactuca canadensis</i>	tall yellow or wild lettuce	Asteraceae	E, W
<i>Lactuca floridana</i>	woodland lettuce	Asteraceae	E
<i>Lactuca serriola</i>	prickly lettuce	Asteraceae	W
<i>Lamium amplexicaule</i>	henbit, dead nettle	Lamiaceae	W
<i>Lamium purpureum</i>	purple or red dead nettle	Lamiaceae	E, W
<i>Laportea canadensis</i>	Canada wood-nettle	Urticaceae	E
<i>Lathyrus latifolius</i>	everlasting pea	Fabaceae	W
<i>Lathyrus tuberosus</i>	tuberous vetchling	Fabaceae	W
<i>Lechea minor</i>	pinweed	Cistaceae	W
<i>Leersia oryzoides</i>	rice cutgrass	Poaceae	E, W
<i>Leersia virginica</i>	whitegrass	Poaceae	E, W
<i>Lemna minor</i>	lesser duckweed	Lemnaceae	E, W
<i>Leonurus cardiaca</i>	motherwort, lion's tail	Lamiaceae	W
<i>Lepidium campestre</i>	cow cress	Brassicaceae	W
<i>Lepidium virginicum</i>	poor-man's pepper-grass	Brassicaceae	W
<i>Lespedeza capitata</i>	round-head bush clover	Fabaceae	E, W
<i>Lespedeza hirta</i> [= <i>L. polystachya</i>]	hairy bush clover	Fabaceae	W
<i>Lespedeza virginica</i>	Virginia bush clover	Fabaceae	E
<i>Leucanthemum vulgare</i> [= <i>Chrysanthemum leucanthemum</i>]	oxeye daisy	Asteraceae	W
<i>Liatris spicata</i>	spiked gayfeather, blazing star	Asteraceae	E, W
<i>Ligustrum vulgare</i>	common or European privet	Oleaceae	E, W
<i>Lilium canadense</i>	Canada lily	Liliaceae	E
<i>Lilium michiganense</i>	Michigan lily	Liliaceae	E
<i>Lilium</i> sp.	lily	Liliaceae	W
<i>Linaria vulgaris</i>	butter-and-eggs	Scrophulariaceae	E
<i>Lindera benzoin</i>	northern spicebush	Lauraceae	E, W
<i>Lindernia dubia</i>	yellow-seed false-pimpernel	Scrophulariaceae	E
<i>Linum virginianum</i>	Virginia flax	Linaceae	W
<i>Liriodendron tulipifera</i>	tulip tree, tulip-poplar	Magnoliaceae	E, W
<i>Lobelia cardinalis</i>	cardinal flower	Campanulaceae	E
<i>Lobelia inflata</i>	Indian-tobacco	Campanulaceae	E, W
<i>Lobelia siphilitica</i>	great blue lobelia	Campanulaceae	E, W
<i>Lolium pratense</i> [= <i>Festuca elatior</i>]	tall fescue	Poaceae	W
<i>Lonicera dioica</i> var. <i>dioica</i>	mountain honeysuckle	Caprifoliaceae	E
<i>Lonicera dioica</i> var. <i>glaucescens</i>	wild honeysuckle	Caprifoliaceae	E
<i>Lonicera japonica</i>	Japanese honeysuckle	Caprifoliaceae	E, W
<i>Lonicera maackii</i>	amur honeysuckle	Caprifoliaceae	W
<i>Lonicera tatarica</i>	tartarian or bush honeysuckle	Caprifoliaceae	W
<i>Lotus corniculatus</i>	bird's-foot trefoil	Fabaceae	W
<i>Ludwigia alternifolia</i>	bushy seedbox	Onagraceae	W
<i>Ludwigia palustris</i>	marsh seedbox, water-purslane	Onagraceae	E
<i>Lunaria annua</i>	moneyplant	Brassicaceae	W
<i>Lupinus perennis</i>	wild or sundial lupine	Fabaceae	W
<i>Luzula multiflora</i>	common woodrush	Juncaceae	E
<i>Lycopodium dendroideum</i>	tree-like clubmoss	Lycopodiaceae	W
<i>Lycopodium obscurum</i>	tree clubmoss	Lycopodiaceae	W
<i>Lycopus americanus</i>	American bugleweed	Lamiaceae	E, W
<i>Lycopus europaeus</i>	European bugleweed	Lamiaceae	E
<i>Lycopus rubellus</i>	taper-leaf bugleweed	Lamiaceae	W

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<i>Lycopus x sherardii</i>	water horehound	Lamiaceae	E
<i>Lycopus uniflorus</i>	northern bugleweed	Lamiaceae	E
<i>Lycopus virginicus</i>	Virginia bugleweed	Lamiaceae	E,W
<i>Lysimachia ciliata</i>	fringed loosestrife	Primulaceae	E,W
<i>Lysimachia nummularia</i>	creeping Jennie, moneywort	Primulaceae	E,W
<i>Lysimachia quadrifolia</i>	whorled or prairie loosestrife	Primulaceae	E,W
<i>Lythrum alatum</i>	winged loosestrife	Lythraceae	E
<i>Lythrum salicaria</i>	purple loosestrife	Lythraceae	E
<i>Maclura pomifera</i>	osage-orange	Moraceae	W
<i>Maianthemum canadense</i> [=? <i>M. convallaria</i>]	wild-lily-of-the-valley	Liliaceae	W
<i>Maianthemum racemosum</i> [= <i>Smilacina racemosa</i>]	feather false-Solomon's-seal	Liliaceae	E,W
<i>Malus coronaria</i> [= <i>Pyrus coronaria</i> ; <i>M. angustifolia</i>]	wild crab, southern crab-apple	Rosaceae	E,W
<i>Malus pumila</i>	apple	Rosaceae	E
<i>Malva moschata</i>	musk mallow	Malvaceae	W
<i>Malva neglecta</i>	common mallow	Malvaceae	W
<i>Malva sylvestris</i>	high mallow	Malvaceae	W
<i>Matricaria discoidea</i>	pineapple-weed	Asteraceae	W
<i>Medeola virginiana</i>	Indian cucumber-root	Liliaceae	W
<i>Medicago lupulina</i>	black medick	Fabaceae	E,W
<i>Melilotus albus</i> [= <i>M. alba</i>]	white sweetclover	Fabaceae	E,W
<i>Melilotus officinalis</i>	yellow sweetclover	Fabaceae	E,W
<i>Menispermum canadense</i>	Canada moonseed	Menispermaceae	E,W
<i>Mentha arvensis</i> [= <i>M. gentilis</i>]	field mint	Lamiaceae	E,W
<i>Mentha x gracilis</i> [= <i>M. x cardiaca</i>]	small-leaf mint	Lamiaceae	E
<i>Mentha spicata</i>	spearmint	Lamiaceae	W
<i>Mertensia virginica</i>	Virginia bluebells or cowslip	Boraginaceae	W
<i>Metasequoia glyptostroboides</i>	dawn redwood	Taxodiaceae	E
<i>Mimulus alatus</i>	sharp-wing monkey-flower	Scrophulariaceae	E,W
<i>Mimulus ringens</i>	Allegheny monkey-flower	Scrophulariaceae	E,W
<i>Mirabilis nyctaginea</i>	heart-leaf or wild four-o'clock	Nyctaginaceae	E
<i>Mitchella repens</i>	partridge-berry	Rubiaceae	W
<i>Mitella diphylla</i>	two-leaf bishop's-cap, mitrewort	Saxifragaceae	W
<i>Mollugo verticillata</i>	green carpet-weed	Molluginaceae	W
<i>Monarda fistulosa</i>	wild bergamot	Lamiaceae	E,W
<i>Monotropa uniflora</i>	Indian-pipe	Monotropaceae	W
<i>Morus alba</i>	white mulberry	Moraceae	E,W
<i>Morus rubra</i>	red mulberry	Moraceae	W
<i>Muhlenbergia schreberi</i>	nimble will	Poaceae	W
<i>Myriophyllum spicatum</i>	Eurasian water-milfoil	Haloragaceae	E
<i>Nardus stricta</i>	mat grass	Poaceae	E
<i>Nelumbo lutea</i> [= <i>Nelumbium luteum</i>]	American or water lotus, lotus-lily	Nelumbonaceae	E
<i>Nepeta cataria</i>	catnip	Lamiaceae	E,W
<i>Noebeckia aquatica</i> [= <i>Armoracia aquatica</i> ; <i>Nasturtium lacustre</i>]	lakecress	Brassicaceae	E,W
<i>Nuphar lutea</i> ssp. <i>advena</i> [= <i>N. advena</i>]	yellow cow-lily, spatterdock	Nymphaeaceae	E
<i>Nymphaea odorata</i> [= <i>N. tuberosa</i>]	white water-lily	Nymphaeaceae	E
<i>Nyssa sylvatica</i>	black gum	Cornaceae	E,W
<i>Oenothera biennis</i>	common evening-primrose	Onagraceae	E,W
<i>Oenothera perennis</i> [= ? <i>O. pumila</i>]	small evening-primrose	Onagraceae	W
<i>Oligoneuron ohioense</i> [= <i>Solidago ohioensis</i>]	Ohio golden-rod	Asteraceae	E
<i>Onoclea sensibilis</i>	sensitive fern	Onocleaceae	E,W
<i>Ornithogalum umbellatum</i>	common star of Bethlenem	Liliaceae	W
<i>Osmorhiza claytonii</i>	hairy or woolly sweetcicely	Apiaceae	E,W
<i>Osmorhiza longistylis</i>	smooth sweetcicely	Apiaceae	E,W
<i>Osmunda cinnamomea</i>	cinnamon fern	Osmundaceae	E
<i>Osmunda claytoniana</i>	interrupted fern	Osmundaceae	E,W
<i>Ostrya virginiana</i>	eastern hop-hornbeam	Betulaceae	E,W
<i>Oxalis stricta</i> [= <i>O. europaea</i>]	common yellow wood sorrel	Oxalidaceae	E,W
<i>Oxalis violacea</i>	violet wood sorrel	Oxalidaceae	E,W
<i>Panax quinquefolius</i>	American ginseng	Araliaceae	W
<i>Panax trifolius</i>	dwarf ginseng	Araliaceae	W
<i>Panicum capillare</i>	witchgrass	Poaceae	E,W

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<i>Panicum virgatum</i>	switchgrass	Poaceae	E
<i>Parietaria pensylvanica</i>	Pennsylvania pellitory	Urticaceae	W
<i>Parthenocissus quinquefolia</i> [= <i>P. inserta</i>]	Virginia or thicket creeper	Vitaceae	E,W
<i>Pastinaca sativa</i>	wild parsnip	Apiaceae	W
<i>Pedicularis lanceolata</i>	swamp lousewort	Scrophulariaceae	E,W
<i>Peltandra virginica</i>	arrow arum	Araceae	E
<i>Penstemon hirsutus</i>	hairy beardtongue	Scrophulariaceae	E
<i>Penthorum sedoides</i>	ditch-stonecrop	Saxifragaceae	E
<i>Phalaris arundinacea</i>	reed canary grass	Poaceae	E,W
<i>Phegopteris hexagonoptera</i>	broad beech-fern	Aspleniaceae	W
<i>Philadelphus coronarius</i>	mock orange, syringa	Hydrangeaceae	W
<i>Phleum pratense</i>	timothy	Poaceae	E,W
<i>Phlox divaricata</i>	woodland or blue phlox	Polemoniaceae	E,W
<i>Phlox subulata</i>	ground phlox, moss-pink	Polemoniaceae	W
<i>Phragmites australis</i>	common reed	Poaceae	E,W
<i>Phryma leptostachya</i>	lopseed	Verbenaceae	E,W
<i>Physalis heterophylla</i>	clammy ground-cherry	Solanaceae	W
<i>Physalis</i> sp.	ground-cherry	Solanaceae	W
<i>Phytolacca americana</i>	common pokeweed	Phytolaccaceae	E,W
<i>Picea pungens</i>	blue spruce	Pinaceae	E
<i>Picris hieracioides</i>	hawkweed oxtongue, bitterweed	Asteraceae	W
<i>Pilea fontana</i>	springs clearweed	Urticaceae	E
<i>Pilea pumila</i>	Canada clearweed	Urticaceae	E,W
<i>Pinus nigra</i>	Austrian pine	Pinaceae	E
<i>Pinus rigida</i>	pitch pine	Pinaceae	E
<i>Pinus strobus</i>	eastern white pine	Pinaceae	E
<i>Pinus sylvestris</i>	Scotch pine	Pinaceae	E
<i>Plantago lanceolata</i>	English plantain	Plantaginaceae	W
<i>Plantago major</i>	common plantain	Plantaginaceae	E,W
<i>Plantago rugellii</i>	black-seed or Rugel's plantain	Plantaginaceae	N
<i>Platanus occidentalis</i>	American sycamore	Platanaceae	E,W
<i>Poa compressa</i>	Canada bluegrass	Poaceae	E,W
<i>Poa pratensis</i>	Kentucky bluegrass	Poaceae	E,W
<i>Poa sylvestris</i>	woodland bluegrass	Poaceae	E
<i>Poa trivialis</i>	rough bluegrass	Poaceae	W
<i>Podophyllum peltatum</i>	may-apple	Berberidaceae	E,W
<i>Pogonia ophioglossoides</i> [=? <i>P. pendula</i>]	rose pogonia	Orchidaceae	W
<i>Polanisia dodecandra</i>	rough-seed clammy-weed	Capparaceae	E
<i>Polygala sanguinea</i>	red milkwort	Polygalaceae	W
<i>Polygala verticillata</i>	whorled milkwort	Polygalaceae	E
<i>Polygonatum biflorum</i>	small Solomon's-seal	Liliaceae	E
<i>Polygonatum pubescens</i>	hairy Solomon's-seal	Liliaceae	W
<i>Polygonum amphibium</i> var. <i>emersum</i> [= <i>P. coccineum</i>]	water smartweed	Polygonaceae	E
<i>Polygonum aviculare</i>	prostrate knotweed or smartweed	Polygonaceae	E,W
<i>Polygonum convolvulus</i>	black bindweed	Polygonaceae	E
<i>Polygonum cuspidatum</i>	Japanese knotweed	Polygonaceae	W
<i>Polygonum hydropiper</i>	marshpepper smartweed	Polygonaceae	E,W
<i>Polygonum hydropiperoides</i>	swamp smartweed, water-pepper	Polygonaceae	E
<i>Polygonum lapathifolium</i>	willow-weed, nodding smartweed	Polygonaceae	E,W
<i>Polygonum pensylvanicum</i> [= <i>P. p.</i> var. <i>eglandulosum</i>]	Pennsylvania smartweed	Polygonaceae	E,W
<i>Polygonum persicaria</i>	lady's thumb	Polygonaceae	E,W
<i>Polygonum punctatum</i>	dotted or water smartweed	Polygonaceae	E
<i>Polygonum sagittatum</i>	arrow-leaf tearthumb, arrow-vine	Polygonaceae	E,W
<i>Polygonum scandens</i>	climbing false-buckwheat	Polygonaceae	W
<i>Polygonum virginianum</i> [= <i>Tovara virginiana</i>]	Virginia knotweed, jumpseed	Polygonaceae	E,W
<i>Polypodium virginianum</i> [= <i>P. vulgare</i>]	common polypody	Polypodiaceae	W
<i>Polystichum acrostichoides</i>	Christmas fern	Aspleniaceae	E,W
<i>Pontederia cordata</i>	pickerel weed	Pontederiaceae	E
<i>Populus deltoides</i>	eastern cotton-wood	Salicaceae	E,W
<i>Populus grandidentata</i>	big-tooth aspen	Salicaceae	E,W
<i>Portulaca oleracea</i>	common purslane	Portulacaceae	E,W
<i>Potamogeton crispus</i>	curly pondweed	Potamogetonaceae	E
<i>Potamogeton foliosus</i>	leafy pondweed	Potamogetonaceae	E

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<i>Potamogeton nodosus</i>	long-leaf pondweed	Potamogetonaceae	E
<i>Potamogeton pectinatus</i>	sago pondweed	Potamogetonaceae	E
<i>Potentilla canadensis</i>	running five-finger, cinquefoil	Rosaceae	E
<i>Potentilla norvegica</i>	Norwegian or rough cinquefoil	Rosaceae	E, W
<i>Potentilla recta</i>	rough-fruited cinquefoil	Rosaceae	E, W
<i>Potentilla simplex</i>	old-field or common cinquefoil	Rosaceae	E, W
<i>Potentilla</i> sp.	cinquefoil	Rosaceae	E
<i>Prenanthes alba</i>	white rattlesnake-root or lettuce	Asteraceae	E, W
<i>Prenanthes serpentina</i>	lion's foot	Asteraceae	E
<i>Proserpinaca palustris</i>	marsh or common mermaid-weed	Haloragaceae	E
<i>Prunella vulgaris</i>	heal-all, self-heal	Lamiaceae	E, W
<i>Prunus americana</i>	American or wild plum	Rosaceae	E, W
<i>Prunus avium</i>	sweet cherry	Rosaceae	W
<i>Prunus pensylvanica</i>	pin cherry	Rosaceae	E
<i>Prunus serotina</i>	black or wild cherry	Rosaceae	E, W
<i>Prunus virginiana</i>	choke cherry	Rosaceae	W
<i>Pycnanthemum virginianum</i>	Virginia mountain-mint	Lamiaceae	E
<i>Pyrola americana</i> [= <i>P. rotundifolia</i>]	round-leaf wintergreen	Pyrolaceae	W
<i>Quercus alba</i>	white oak	Fagaceae	E, W
<i>Quercus bicolor</i>	swamp white oak	Fagaceae	E, W
<i>Quercus coccinea</i>	scarlet oak	Fagaceae	E, W
<i>Quercus macrocarpa</i>	bur oak	Fagaceae	E, W
<i>Quercus nigra</i>	water or black oak	Fagaceae	E
<i>Quercus palustris</i>	pin oak	Fagaceae	E, W
<i>Quercus rubra</i> var. <i>ambigua</i> [= <i>Q. borealis</i>]	northern red oak	Fagaceae	E, W
<i>Quercus velutina</i>	black oak	Fagaceae	E, W
<i>Ranunculus abortivus</i>	subalpine buttercup	Ranunculaceae	E, W
<i>Ranunculus acris</i>	tall or meadow buttercup	Ranunculaceae	W
<i>Ranunculus fascicularis</i>	early buttercup	Ranunculaceae	E, W
<i>Ranunculus flabellaris</i>	yellow water buttercup	Ranunculaceae	E
<i>Ranunculus hispidus</i> var. <i>caricetorum</i>	bristly or hispid buttercup	Ranunculaceae	E, W
<i>Ranunculus hispidus</i> var. <i>nitidus</i>	northern swamp buttercup	Ranunculaceae	E, W
[= <i>R. septentrionalis</i>]			
<i>Ranunculus pensylvanicus</i>	Pennsylvania buttercup	Ranunculaceae	E
<i>Ranunculus recurvatus</i>	hooked buttercup or crowfoot	Ranunculaceae	E, W
<i>Ranunculus repens</i>	creeping buttercup	Ranunculaceae	E
<i>Ranunculus sceleratus</i>	celery-leaf buttercup	Ranunculaceae	E, W
<i>Rhamnus cathartica</i>	European or common buckthorn	Rhamnaceae	W
<i>Rhexia virginica</i>	Virginia meadow-beauty	Melastomataceae	W
<i>Rhus glabra</i>	smooth sumac	Anacardiaceae	E, W
<i>Rhus hirta</i> [= <i>R. typhina</i>]	staghorn sumac	Anacardiaceae	E, W
<i>Rhynchospora glomerata</i> [= <i>R. cymosa</i>]	clustered beakrush	Cyperaceae	W
<i>Ribes americanum</i>	wild or American black currant	Grossulariaceae	W
<i>Ribes cynosbati</i>	bristly gooseberry, dogberry	Grossulariaceae	W
<i>Ribes rubrum</i> [= <i>R. sativum</i>]	red currant	Grossulariaceae	E, W
<i>Ribes uva-crispa</i>	garden gooseberry	Grossulariaceae	E
<i>Riccia fluitans</i>	slender riccia	Ricciaceae	E
<i>Ricciocarpus natans</i>	purple-fringed riccia	Ricciaceae	E
<i>Robinia pseudoacacia</i>	black locust	Fabaceae	E, W
<i>Rorippa nasturtium-aquaticum</i>	true water-cress	Brassicaceae	W
[= <i>Nasturtium officinale</i>]			
<i>Rorippa palustris</i>	marsh yellow-cress	Brassicaceae	W
<i>Rorippa palustris</i> ssp. <i>hispida</i>	bog yellow-cress, marsh cress	Brassicaceae	E
[= <i>R. p.</i> var. <i>hispida</i> ; <i>R. islandica</i> misapplied]			
<i>Rosa blanda</i>	smooth stem rose	Rosaceae	E
<i>Rosa carolina</i>	pasture or wild rose	Rosaceae	E, W
<i>Rosa multiflora</i>	multiflora rose	Rosaceae	E, W
<i>Rosa palustris</i>	swamp rose	Rosaceae	E, W
<i>Rosa setigera</i>	prairie or climbing rose	Rosaceae	E, W
<i>Rubus allegheniensis</i>	Allegheny blackberry	Rosaceae	W
<i>Rubus canadensis</i>	smooth blackberry	Rosaceae	E
<i>Rubus flagellaris</i>	northern dewberry	Rosaceae	E
<i>Rubus hispidus</i>	bristly swamp blackberry	Rosaceae	W
<i>Rubus occidentalis</i>	black raspberry	Rosaceae	E, W
<i>Rubus odoratus</i>	flowering raspberry	Rosaceae	E
<i>Rubus</i> spp.	blackberry & dewberry	Rosaceae	E, W

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<i>Rudbeckia fulgida</i>	orange coneflower	Asteraceae	E
<i>Rudbeckia hirta</i>	black-eyed Susan	Asteraceae	E,W
<i>Rudbeckia laciniata</i>	cut-leaf or greenheaded coneflower	Asteraceae	E,W
<i>Rumex acetosella</i>	garden sorrel, sheep sorrel	Polygonaceae	E,W
<i>Rumex crispus</i>	curly or sour dock	Polygonaceae	E,W
<i>Rumex orbiculatus</i>	great water dock	Polygonaceae	E
<i>Rumex verticillatus</i>	swamp dock	Polygonaceae	E
<i>Sabatia angularis</i>	square-stem rose-gentian	Gentianaceae	E,W
<i>Sagittaria latifolia</i>	broad-leaf arrow-head	Alismataceae	E,W
<i>Salix alba</i>	white willow	Salicaceae	E
<i>Salix amygdaloides</i>	peach-leaf willow	Salicaceae	E
<i>Salix babylonica</i>	weeping willow	Salicaceae	E
<i>Salix discolor</i>	pussy willow	Salicaceae	W
<i>Salix ertocephala</i> [= <i>S. rigida</i>]	Missouri River or heart-leaf willow	Salicaceae	W
<i>Salix exigua</i> [= <i>S. interior</i>]	sandbar willow	Salicaceae	E,W
<i>Salix fragilis</i>	crack willow	Salicaceae	E
<i>Salix humilis</i>	tall prairie willow	Salicaceae	W
<i>Salix nigra</i>	black willow	Salicaceae	E,W
<i>Salix</i> sp.	willow	Salicaceae	E
<i>Salsola kali</i>	Russian thistle, saltwort	Chenopodiaceae	E
<i>Salsola kali</i> ssp. <i>tragus</i> [= <i>S. k.</i> var. <i>tenuifolia</i> ; <i>S. tragus</i>]	Russian thistle	Chenopodiaceae	E
<i>Sambucus nigra</i> ssp. <i>canadensis</i> [= <i>S. canadensis</i>]	American elder	Caprifoliaceae	E,W
<i>Sambucus racemosa</i>	European red elder	Caprifoliaceae	W
<i>Samolus valerandi</i> [=? <i>S. valerandi americanus</i>]	water pimpernel	Primulaceae	W
<i>Sanguinaria canadensis</i>	bloodroot	Papaveraceae	E,W
<i>Sanicula canadensis</i>	Canada sanicle or black snakeroot	Apiaceae	E,W
<i>Saponaria officinalis</i>	bouncing-bet	Caryophyllaceae	E,W
<i>Sassafras albidum</i>	sassafras	Lauraceae	E,W
<i>Saururus cernuus</i>	lizard's tail	Saururaceae	E,W
<i>Schizachyrium scoparium</i> [= <i>Andropogon scoparius</i>]	little bluestem	Poaceae	E
<i>Schoenoplectus pungens</i> [= <i>Scirpus americanus</i> ; <i>S. pungens</i>]	three-square bulrush	Cyperaceae	E
<i>Schoenoplectus tabernaemontani</i> [= <i>Scirpus validus</i> ; <i>S. v.</i> var. <i>creber</i>]	soft-stem or great bulrush	Cyperaceae	E,W
<i>Scirpus atrovirens</i>	green bulrush	Cyperaceae	E,W
<i>Scirpus cyperinus</i>	wool-grass	Cyperaceae	E,W
<i>Scirpus pedicellatus</i>	stalked bulrush	Cyperaceae	E
<i>Scirpus polyphyllus</i>	leafy bulrush	Cyperaceae	W
<i>Scleria pauciflora</i>	few-flower nutrush	Cyperaceae	W
<i>Scleria triglomerata</i>	whip nutrush	Cyperaceae	W
<i>Scrophularia lanceolata</i>	lance-leaf or American figwort	Scrophulariaceae	E
<i>Scrophularia marilandica</i>	carpenter's square	Scrophulariaceae	W
<i>Scutellaria galericulata</i> [= <i>S. epilobiifolia</i>]	hooded or marsh skullcap	Lamiaceae	E
<i>Scutellaria lateriflora</i>	blue or mad-dog skullcap	Lamiaceae	E,W
<i>Sedum telephium</i>	live-forever	Crassulaceae	E
<i>Sedum ternatum</i>	wild sedum	Crassulaceae	W
<i>Senecio aureus</i>	golden ragwort	Asteraceae	E,W
<i>Senecio glabellus</i>	grass-leaf groundsel	Asteraceae	E
<i>Senecio obovatus</i> [= <i>S. rotundus</i>]	round-leaf groundsel	Asteraceae	E,W
<i>Senecio vulgaris</i>	common groundsel	Asteraceae	W
<i>Setaria faberi</i>	Faber's fox-tail grass	Poaceae	E,W
<i>Setaria glauca</i>	yellow bristle grass	Poaceae	E,W
<i>Silene antirrhina</i>	sleepy catchfly	Caryophyllaceae	W
<i>Silene latifolia</i> ssp. <i>alba</i> [= <i>S. pratensis</i>]	white campion	Caryophyllaceae	W
<i>Silphium perfoliatum</i>	cup-plant	Asteraceae	W
<i>Silphium trifoliatum</i>	whorled rosinweed	Asteraceae	E,W
<i>Sinapis alba</i> [= <i>Brassica hirta</i>]	white mustard	Brassicaceae	E
<i>Sinapis arvensis</i> [= <i>Brassica kaber</i>]	charlock	Brassicaceae	E
<i>Sisymbrium officinale</i>	hedge mustard	Brassicaceae	W
<i>Sisyrinchium albidum</i>	blue-eye-grass	Iridaceae	E
<i>Sisyrinchium mucronatum</i> [= <i>S. montanum</i> misapplied]	Michaux's blue-eye-grass	Iridaceae	E

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<i>Sisyrinchium</i> sp.	blue-eye-grass	Iridaceae	W
<i>Sium suave</i>	hemlock water-parsnip	Apiaceae	E
<i>Smilax ecirrata</i>	erect carrion-flower	Smilacaceae	W
<i>Smilax herbacea</i>	smooth carrion-flower	Smilacaceae	W
<i>Smilax rotundifolia</i>	common greenbrier	Smilacaceae	W
<i>Smilax tamnoides</i> [= <i>S. hispida</i>]	bristly greenbrier	Smilacaceae	E,W
<i>Solanum carolinense</i>	horse-nettle	Solanaceae	W
<i>Solanum dulcamara</i>	climbing or bitter-sweet nightshade	Solanaceae	E,W
<i>Solanum ptychanthum</i> [= <i>S. nigrum</i> misapplied]	black or common nightshade	Solanaceae	E,W
<i>Solidago caesia</i>	wreath golden-rod	Asteraceae	E,W
<i>Solidago canadensis</i>	Canada golden-rod	Asteraceae	E,W
<i>Solidago flexicaulis</i> [= <i>S. latifolia</i>]	zigzag golden-rod	Asteraceae	W
<i>Solidago gigantea</i>	giant golden-rod	Asteraceae	E
<i>Solidago juncea</i>	early golden-rod	Asteraceae	E
<i>Solidago nemoralis</i>	gray golden-rod	Asteraceae	W
<i>Solidago patula</i>	rough-leaf golden-rod	Asteraceae	W
<i>Solidago rugosa</i>	wrinkled golden-rod	Asteraceae	E,W
<i>Solidago speciosa</i>	showy golden-rod	Asteraceae	E
<i>Solidago ulmifolia</i>	elm-leaved golden-rod	Asteraceae	E
<i>Sonchus arvensis</i>	field sowthistle	Asteraceae	W
<i>Sonchus asper</i>	prickly sowthistle	Asteraceae	E,W
<i>Sonchus oleraceus</i>	common sowthistle	Asteraceae	W
<i>Sorghastrum nutans</i>	Indian grass	Poaceae	E
<i>Sorghum halepense</i>	Johnson grass	Poaceae	E
<i>Sparganium americanum</i>	American bur-reed	Sparganiaceae	W
<i>Sparganium eurycarpum</i>	giant bur-reed	Sparganiaceae	E
<i>Spiraea alba</i>	narrow-leaf meadow-sweet	Rosaceae	E
<i>Spiranthes cernua</i>	nodding ladies'-tresses	Orchidaceae	E
<i>Spiranthes magnicamporum</i>	great plains ladies'-tresses	Orchidaceae	E
<i>Spiranthes ochroleuca</i>	ladies'-tresses	Orchidaceae	W
<i>Spirodela polyrrhiza</i>	greater duckweed	Lemnaceae	E
<i>Stachys tenuifolia</i> [= <i>S. t.</i> var. <i>hispida</i> ; <i>S. hispida</i>]	smooth or common hedgenettle	Lamiaceae	E,W
<i>Staphylea trifolia</i>	American bladdernut	Staphyleaceae	E
<i>Stellaria graminea</i>	lesser starwort or stitchwort	Caryophyllaceae	W
<i>Stellaria longifolia</i>	long-leaf starwort or stitchwort	Caryophyllaceae	W
<i>Stellaria media</i>	common chickweed	Caryophyllaceae	W
<i>Stellaria pubera</i>	great chickweed	Caryophyllaceae	E
<i>Strophostyles helvula</i>	trailing wildbean	Fabaceae	E,W
<i>Symphytum officinale</i>	common comfrey	Boraginaceae	E
<i>Symplocarpus foetidus</i>	skunk-cabbage	Araceae	W,E
<i>Taenidia integerrima</i>	yellow pimpernel	Apiaceae	E
<i>Taraxacum officinale</i>	common dandelion	Asteraceae	E,W
<i>Teucrium canadense</i>	American germander	Lamiaceae	E
<i>Teucrium canadense</i> var. <i>virginicum</i>	germander	Lamiaceae	W
<i>Thalictrum dioicum</i>	early meadow-rue	Ranunculaceae	E,W
<i>Thalictrum pubescens</i> [= <i>T. polygamum</i>]	tall meadow-rue	Ranunculaceae	W
<i>Thalictrum thalictroides</i> [= <i>Anemonella thalictroides</i>]	rue anemone	Ranunculaceae	E
<i>Thalictrum</i> sp.	meadow-rue	Ranunculaceae	E,W
<i>Thaspium trifoliatum</i>	smooth meadow-parsnip	Apiaceae	E
<i>Thlaspi arvense</i>	field penny-cress	Brassicaceae	W
<i>Tilia americana</i>	American basswood	Tiliaceae	E,W
<i>Toxicodendron radicans</i> [= <i>Rhus radicans</i>]	poison ivy	Anacardiaceae	E,W
<i>Tradescantia virginiana</i>	Virginia spider-wort	Commelinaceae	E
<i>Tragopogon porrifolius</i>	salsify	Asteraceae	W
<i>Tragopogon pratensis</i>	goats-beard	Asteraceae	W
<i>Tridens flavus</i> [= <i>Triodia flava</i>]	purple-top tridens	Poaceae	W
<i>Trifolium campestre</i> [= <i>T. procumbens</i>]	pinnate or lesser hop-clover	Fabaceae	W
<i>Trifolium hybridum</i>	alsike clover	Fabaceae	W
<i>Trifolium pratense</i>	red clover	Fabaceae	E,W
<i>Trifolium repens</i>	white clover	Fabaceae	E,W
<i>Trillium flexipes</i>	white or drooping trillium	Liliaceae	E,W
<i>Trillium grandiflorum</i>	large- or grand-flowered trillium	Liliaceae	E,W
<i>Triodanis perfoliata</i> [= <i>Specularia perfoliata</i>]	clasping-leaf Venus'-looking-glass	Campanulaceae	E,W

SCIENTIFIC NAME	COMMON NAME	FAMILY	LOC
<i>Triosteum perfoliatum</i>	tinker's weed	Caprifoliaceae	E,W
<i>Triphora trianthophora</i>	three-birds orchid	Orchidaceae	W
<i>Triplasis purpurea</i>	purple sand-grass	Poaceae	E
<i>Tsuga canadensis</i>	eastern hemlock	Pinaceae	E,W
<i>Tussilago farfara</i>	colts-foot	Asteraceae	W
<i>Typha angustifolia</i>	narrow-leaf cattail	Typhaceae	E,W
<i>Typha x glauca</i>	blue cattail	Typhaceae	E
<i>Typha latifolia</i>	broad-leaf or common cattail	Typhaceae	E,W
<i>Ulmus americana</i>	American or white elm	Ulmaceae	E,W
<i>Ulmus pumila</i>	Siberian elm	Ulmaceae	W
<i>Ulmus rubra</i>	slippery or red elm	Ulmaceae	E,W
<i>Urtica dioica</i>	stinging nettle	Urticaceae	E,W
<i>Urtica dioica</i> ssp. <i>gracilis</i> [<i>U. gracilis</i>]	slender or tall nettle	Urticaceae	E,W
<i>Uvularia grandiflora</i>	large flowered bellwort	Liliaceae	W
<i>Uvularia sessilifolia</i>	sessile-leaf bellwort, merry-bellis	Liliaceae	W
<i>Vaccinium macrocarpon</i>	American or large cranberry	Ericaceae	W
<i>Vaccinium pallidum</i> [= <i>V. vacillans</i>]	low or hillside blueberry	Ericaceae	E,W
<i>Valerianella locusta</i> [= <i>V. olitoria</i>]	European cornsalad	Valerianaceae	W
<i>Valerianella radiata</i>	beaked cornsalad	Valerianaceae	E
<i>Valerianella umbilicata</i>	navel-shape cornsalad	Valerianaceae	E
<i>Valerianella woodsiana</i>	Woods' cornsalad	Valerianaceae	W
<i>Verbascum blattaria</i>	moth mullein	Scrophulariaceae	W
<i>Verbascum thapsus</i>	common or woolly mullein	Scrophulariaceae	E,W
<i>Verbena hastata</i>	blue vervain	Verbenaceae	E,W
<i>Verbena x illicita</i>	vervain	Verbenaceae	E
<i>Verbena urticifolia</i>	white vervain	Verbenaceae	E,W
<i>Verbesina alternifolia</i> [= <i>Actinomeris alternifolia</i>]	wingstem	Asteraceae	E,W
<i>Verbesina occidentalis</i> [= <i>Actinomeris o.</i>]	southern flatseed-sunflower	Asteraceae	E
<i>Vernonia gigantea</i> [= <i>V. altissima</i>]	tall ironweed	Asteraceae	E,W
<i>Veronica anagallis-aquatica</i> [= <i>V. anagallis</i>]	water speedwell	Scrophulariaceae	W
<i>Veronica arvensis</i>	corn speedwell	Scrophulariaceae	E,W
<i>Veronica officinalis</i>	common speedwell	Scrophulariaceae	W
<i>Veronica peregrina</i>	purslane speedwell	Scrophulariaceae	W
<i>Veronica polita</i>	slender speedwell	Scrophulariaceae	W
<i>Veronica serpyllifolia</i>	thyme-leaf speedwell	Scrophulariaceae	E,W
<i>Veronicastrum virginicum</i>	Culver's-root	Scrophulariaceae	E
<i>Viburnum acerifolium</i>	maple-leaf viburnum, dockmackie	Caprifoliaceae	E,W
<i>Viburnum dentatum</i>	arrow-wood	Caprifoliaceae	W
<i>Viburnum dentatum</i> var. <i>lucidum</i> [= <i>V. recognitum</i>]	southern arrow-wood	Caprifoliaceae	E,W
<i>Viburnum lentago</i>	nannyberry	Caprifoliaceae	E,W
<i>Viburnum opulus</i>	guelder rose, Euro cranberry	Caprifoliaceae	E,W
<i>Viburnum prunifolium</i>	black-haw	Caprifoliaceae	E
<i>Viburnum sp.</i>	viburnum	Caprifoliaceae	W
<i>Vicia cracca</i>	bird vetch	Fabaceae	E
<i>Vinca minor</i>	periwinkle	Apocynaceae	W
<i>Viola blanda</i>	sweet white violet	Violaceae	W
<i>Viola canadensis</i>	Canada violet	Violaceae	E
<i>Viola conspersa</i>	American dog violet	Violaceae	E
<i>Viola cucullata</i>	marsh blue violet	Violaceae	E,W
<i>Viola odorata</i>	white violet	Violaceae	W
<i>Viola palmata</i> [= <i>V. triloba</i>]	three-lobed violet	Violaceae	W
<i>Viola pubescens</i>	downy or common yellow violet	Violaceae	E,W
<i>Viola rostrata</i>	long-spur violet	Violaceae	W
<i>Viola sagittata</i>	arrow-leaf violet	Violaceae	W
<i>Viola sororia</i>	woolly blue violet	Violaceae	E,W
<i>Viola striata</i>	striped cream violet, pale violet	Violaceae	E,W
<i>Vitis aestivalis</i>	summer grape	Vitaceae	W
<i>Vitis labrusca</i>	northern fox grape	Vitaceae	W
<i>Vitis riparia</i>	riverbank grape	Vitaceae	E,W
<i>Vitis vulpina</i> [= <i>V. cordifolia</i>]	frost or chicken grape	Vitaceae	W
<i>Vulpia octiflora</i> var. <i>glauca</i> [= <i>Festuca tenella</i>]	six-weeks fescue	Poaceae	W
<i>Wolffia columbiana</i>	Columbia water-meal	Lemnaceae	E,W
<i>Xanthium strumarium</i>	rough cockle-bur	Asteraceae	E,W
<i>Zanthoxylum americanum</i>	common prickly-ash	Rutaceae	W
<i>Zizia aurea</i>	golden alexanders	Apiaceae	W

**ALPHABETIZED LIST OF VASCULAR PLANTS
OF OLD WOMAN CREEK ESTUARY AND WATERSHED
by Common Name**

COMMON NAME	SCIENTIFIC NAME	FAMILY	LOC
agrimony, downy	<i>Agrimonia pubescens</i>	Rosaceae	W
alder, brook-side or smooth	<i>Alnus serrulata</i>	Betulaceae	E
alexanders, golden	<i>Zizia aurea</i>	Apiaceae	W
alum-root, American	<i>Heuchera americana</i>	Saxifragaceae	E,W
amaranth			
red-root amaranth, pigweed	<i>Amaranthus retroflexus</i>	Amaranthaceae	E
rough-fruit amaranth	<i>Amaranthus tuberculatus</i>	Amaranthaceae	E
white amaranth, tumbleweed	<i>Amaranthus albus</i>	Amaranthaceae	E
anemone, long-headed	<i>Anemone cylindrica</i>	Ranunculaceae	W
apple	<i>Malus pumila</i>	Rosaceae	E
arbutus, trailing or ground laurel	<i>Epigaea repens</i>	Ericaceae	W
arrow-head, broad-leaf	<i>Sagittaria latifolia</i>	Alismataceae	E,W
arrow-wood			
arrow-wood	<i>Viburnum dentatum</i>	Caprifoliaceae	W
southern arrow-wood	<i>Viburnum dentatum</i> var. <i>lucidum</i> [= <i>V. recognitum</i>]	Caprifoliaceae	E,W
arum, arrow			
ash			
green ash	<i>Fraxinus pennsylvanica</i> [= <i>F. p.</i> var. <i>subintegerrima</i>]	Oleaceae	E
white ash	<i>Fraxinus americana</i>	Oleaceae	E,W
aspen, big-tooth	<i>Populus grandidentata</i>	Salicaceae	E,W
aster			
arrow-leaved aster	<i>Aster cordifolius</i> var. <i>sagittifolius</i> [= <i>A. sagittifolius</i>]	Asteraceae	E,W
aster	<i>Aster</i> sp.	Asteraceae	E
awl aster	<i>Aster pilosus</i>	Asteraceae	W
big-leaf aster	<i>Aster macrophyllus</i>	Asteraceae	W
bush aster	<i>Aster dumosus</i>	Asteraceae	E
calico aster	<i>Aster lateriflorus</i> [= <i>A. vimineus</i>]	Asteraceae	E,W
clasping heart-leaved aster	<i>Aster undulatus</i>	Asteraceae	E
coastal-plain aster	<i>Aster pilosus</i> var. <i>demotus</i> [= <i>A. racemosus</i>]	Asteraceae	E,W
common blue heart-leaved aster	<i>Aster cordifolius</i>	Asteraceae	E,W
crooked-stem aster	<i>Aster prenanthoides</i>	Asteraceae	W
midwestern blue heart-leaved aster	<i>Aster shortii</i>	Asteraceae	E
New England aster	<i>Aster novae-angliae</i>	Asteraceae	E,W
New York aster	<i>Aster longifolius</i> [= <i>A. junceus</i>]	Asteraceae	W
panicled aster	<i>Aster lanceolatus</i> [= <i>A. paniculatus</i> ; <i>A. simplex</i>]	Asteraceae	E,W
prairie heart-leaved aster	<i>Aster oolentangiensis</i> [= <i>A. azureus</i>]	Asteraceae	E
rush aster	<i>Aster boreaus</i> [= <i>A. junciformis</i>]	Asteraceae	W
smooth aster	<i>Aster laevis</i>	Asteraceae	E
white heath aster	<i>Aster ericoides</i>	Asteraceae	E
willow-leaf aster	<i>Aster praealtus</i>	Asteraceae	E
avens			
rough avens	<i>Geum laciniatum</i>	Rosaceae	E,W
spring or vernal avens	<i>Geum vernum</i>	Rosaceae	W
white avens	<i>Geum canadense</i>	Rosaceae	E,W
baneberry			
red baneberry	<i>Actaea rubra</i> [= <i>A. spicata</i> ssp. <i>rubra</i>]	Ranunculaceae	W
white baneberry	<i>Actaea pachypoda</i>	Ranunculaceae	W
barberry			
European or common barberry	<i>Berberis vulgaris</i>	Berberidaceae	E
Japanese barberry	<i>Berberis thunbergii</i>	Berberidaceae	E,W
basswood, American	<i>Tilia americana</i>	Tiliaceae	E,W
bastard-toadflax, umbellate	<i>Comandra umbellata</i>	Santalaceae	E
beakrush, clustered	<i>Rhynchospora glomerata</i> [= <i>R. cymosa</i>]	Cyperaceae	W
beardtongue, hairy	<i>Penstemon hirsutus</i>	Scrophulariaceae	E

COMMON NAME	SCIENTIFIC NAME	FAMILY	LOC
bedstraw			
blunt-leaf bedstraw	<i>Galium obtusum</i>	Rubiaceae	W
catchweed bedstraw, cleavers	<i>Galium aparine</i>	Rubiaceae	E, W
forest bedstraw	<i>Galium circaeazans</i>	Rubiaceae	E, W
rough bedstraw	<i>Galium asprellum</i>	Rubiaceae	E
small bedstraw	<i>Galium trifidum</i>	Rubiaceae	W
stiff marsh bedstraw	<i>Galium tinctorium</i>	Rubiaceae	E
sweet-scent bedstraw	<i>Galium triflorum</i>	Rubiaceae	E, W
beech, American	<i>Fagus grandifolia</i> [= <i>F. ferruginea</i>]	Fagaceae	E, W
beech-drops	<i>Epifagus virginiana</i>	Orobanchaceae	W
beggar-ticks			
devil's beggar-ticks	<i>Bidens frondosa</i>	Asteraceae	E, W
nodding beggar-ticks	<i>Bidens cernua</i>	Asteraceae	E, W
purple-stem beggar-ticks	<i>Bidens connata</i>	Asteraceae	E
smooth beggar-ticks, tickseed	<i>Bidens laevis</i>	Asteraceae	E
tall beggar-ticks	<i>Bidens vulgata</i>	Asteraceae	W
bellwort			
large flowered bellwort	<i>Uvularia grandiflora</i>	Liliaceae	W
sessile-leaf bellwort, merry-bells	<i>Uvularia sessilifolia</i>	Liliaceae	W
bergamot, wild	<i>Monarda fistulosa</i>	Lamiaceae	E, W
bindweed			
black bindweed	<i>Polygonum convolvulus</i>	Polygonaceae	E
field bindweed	<i>Convolvulus arvensis</i>	Convolvulaceae	E, W
hedge bindweed	<i>Calystegia sepium</i> [= <i>Convolvulus sepium</i>]	Convolvulaceae	E, W
bittersweet, American	<i>Celastrus scandens</i>	Celastraceae	E, W
black-eyed Susan	<i>Rudbeckia hirta</i>	Asteraceae	E, W
black-haw	<i>Viburnum prunifolium</i>	Caprifoliaceae	E
blackberry			
Allegheny blackberry	<i>Rubus allegheniensis</i>	Rosaceae	W
blackberry & dewberry	<i>Rubus</i> spp.	Rosaceae	E, W
bristly swamp blackberry	<i>Rubus hispidus</i>	Rosaceae	W
smooth blackberry	<i>Rubus canadensis</i>	Rosaceae	E
bladdernut, American	<i>Staphylea trifolia</i>	Staphyleaceae	E
bloodroot	<i>Sanguinaria canadensis</i>	Papaveraceae	E, W
blue-eye-grass			
blue-eye-grass	<i>Sisyrinchium albidum</i>	Iridaceae	E
blue-eye-grass	<i>Sisyrinchium</i> sp.	Iridaceae	W
Michaux's blue-eye-grass	<i>Sisyrinchium mucronatum</i> [= <i>S. montanum</i> misapplied]	Iridaceae	E
bluebells, Virginia or cowslip	<i>Mertensia virginica</i>	Boraginaceae	W
blueberry, low or hillside	<i>Vaccinium pallidum</i> [= <i>V. vacillans</i>]	Ericaceae	E, W
blueflag	<i>Iris versicolor</i>	Iridaceae	E, W
boneset, common	<i>Eupatorium perfoliatum</i>	Asteraceae	E, W
bouncing-bet	<i>Saponaria officinalis</i>	Caryophyllaceae	E, W
buckeye, Ohio	<i>Aesculus glabra</i>	Hippocastanaceae	E, W
buckthorn			
European or common buckthorn	<i>Rhamnus cathartica</i>	Rhamnaceae	W
glossy buckthorn	<i>Frangula alnus</i> [= <i>Rhamnus frangula</i>]	Rhamnaceae	W
bugleweed			
American bugleweed	<i>Lycopus americanus</i>	Lamiaceae	E, W
European bugleweed	<i>Lycopus europaeus</i>	Lamiaceae	E
northern bugleweed	<i>Lycopus uniflorus</i>	Lamiaceae	E
taper-leaf bugleweed	<i>Lycopus rubellus</i>	Lamiaceae	W
Virginia bugleweed	<i>Lycopus virginicus</i>	Lamiaceae	E, W
bulrush			
green bulrush	<i>Scirpus atrovirens</i>	Cyperaceae	E, W
leafy bulrush	<i>Scirpus polyphyllus</i>	Cyperaceae	W
river bulrush	<i>Bolboschoenus fluviatilis</i> [= <i>Scirpus fluviatilis</i>]	Cyperaceae	E
soft-stem or great bulrush	<i>Schoenoplectus tabernaemontani</i> [= <i>Scirpus validus</i> ; <i>S. v.</i> var. <i>creber</i>]	Cyperaceae	E, W
stalked bulrush	<i>Scirpus pedicellatus</i>	Cyperaceae	E
three-square bulrush	<i>Schoenoplectus pungens</i> [= <i>Scirpus americanus</i> ; <i>S. pungens</i>]	Cyperaceae	E

COMMON NAME	SCIENTIFIC NAME	FAMILY	LOC
bur-reed			
American bur-reed	<i>Sparganium americanum</i>	Sparganiaceae	W
giant bur-reed	<i>Sparganium eurycarpum</i>	Sparganiaceae	E
burdock, common	<i>Arctium minus</i>	Asteraceae	E,W
burn, American or pilewort	<i>Erechtites hieraciifolia</i>	Asteraceae	W
butter-and-eggs	<i>Linaria vulgaris</i>	Scrophulariaceae	E
buttercup			
bristly or hispid buttercup	<i>Ranunculus hispidus</i> var. <i>caricetorum</i>	Ranunculaceae	E,W
celery-leaf buttercup	<i>Ranunculus sceleratus</i>	Ranunculaceae	E,W
creeping buttercup	<i>Ranunculus repens</i>	Ranunculaceae	E
early buttercup	<i>Ranunculus fascicularis</i>	Ranunculaceae	E,W
hooked buttercup or crowfoot	<i>Ranunculus recurvatus</i>	Ranunculaceae	E,W
northern swamp buttercup	<i>Ranunculus hispidus</i> var. <i>nitidus</i> [= <i>R. septentrionalis</i>]	Ranunculaceae	E,W
Pennsylvania buttercup	<i>Ranunculus pennsylvanicus</i>	Ranunculaceae	E
subalpine buttercup	<i>Ranunculus abortivus</i>	Ranunculaceae	E,W
tall or meadow buttercup	<i>Ranunculus acris</i>	Ranunculaceae	W
yellow water buttercup	<i>Ranunculus flabellaris</i>	Ranunculaceae	E
butterfly-weed	<i>Asclepias tuberosa</i>	Asclepiadaceae	E,W
butterfly-weed, biennial or gaura	<i>Gaura biennis</i>	Onagraceae	E
butternut	<i>Juglans cinerea</i>	Juglandaceae	W
buttonbush, common	<i>Cephalanthus occidentalis</i>	Rubiaceae	E,W
camassia, Atlantic or wild hyacinth	<i>Camassia scilloides</i>	Liliaceae	W
campion, white	<i>Silene latifolia</i> ssp. <i>alba</i> [= <i>S. pratensis</i>]	Caryophyllaceae	W
cardinal flower	<i>Lobelia cardinalis</i>	Campanulaceae	E
carpenter's square	<i>Scrophularia marilandica</i>	Scrophulariaceae	W
carpet-weed, green	<i>Mollugo verticillata</i>	Molluginaceae	W
carrion-flower			
erect carrion-flower	<i>Smilax ecirrata</i>	Smilacaceae	W
smooth carrion-flower	<i>Smilax herbacea</i>	Smilacaceae	W
carrot, wild or Queen Anne's lace	<i>Daucus carota</i>	Apiaceae	E,W
catalpa			
northern catalpa	<i>Catalpa speciosa</i>	Bignoniaceae	W
southern catalpa	<i>Catalpa bignonioides</i>	Bignoniaceae	E
catchfly, sleepy	<i>Silene antirrhina</i>	Caryophyllaceae	W
catnip	<i>Nepeta cataria</i>	Lamiaceae	E,W
cattail			
blue cattail	<i>Typha x glauca</i>	Typhaceae	E
broad-leaf or common cattail	<i>Typha latifolia</i>	Typhaceae	E,W
narrow-leaf cattail	<i>Typha angustifolia</i>	Typhaceae	E,W
celandine	<i>Chelidonium majus</i>	Papaveraceae	W
charlock	<i>Sinapis arvensis</i> [= <i>Brassica kaber</i>]	Brassicaceae	E
cherry			
black or wild cherry	<i>Prunus serotina</i>	Rosaceae	E,W
choke cherry	<i>Prunus virginiana</i>	Rosaceae	W
pin cherry	<i>Prunus pennsylvanica</i>	Rosaceae	E
sweet cherry	<i>Prunus avium</i>	Rosaceae	W
chervil, spreading	<i>Chaerophyllum procumbens</i>	Apiaceae	W
chestnut, American	<i>Castanea dentata</i>	Fagaceae	E,W
chickweed			
field chickweed	<i>Cerastium arvense</i>	Caryophyllaceae	E
common chickweed	<i>Stellaria media</i>	Caryophyllaceae	W
great chickweed	<i>Stellaria pubera</i>	Caryophyllaceae	E
mouse-ear chickweed	<i>Cerastium fontanum</i>	Caryophyllaceae	E
mouse-ear chickweed, common	<i>Cerastium fontanum</i> ssp. <i>vulgare</i> [= <i>C. vulgatum</i>]	Caryophyllaceae	E,W
chicory	<i>Cichorium intybus</i>	Asteraceae	E,W
chokeberry, black	<i>Aronia melanocarpa</i> [=? <i>Pyrus arbutifolia melanocarpa</i>]	Rosaceae	W
chufa	<i>Cyperus esculentus</i>	Cyperaceae	E,W
cinquefoil			
cinquefoil	<i>Potentilla</i> sp.	Rosaceae	E
Norwegian or rough cinquefoil	<i>Potentilla norvegica</i>	Rosaceae	E,W
old-field or common cinquefoil	<i>Potentilla simplex</i>	Rosaceae	E,W
rough-fruited cinquefoil	<i>Potentilla recta</i>	Rosaceae	E,W
running five-finger, cinquefoil	<i>Potentilla canadensis</i>	Rosaceae	E

COMMON NAME	SCIENTIFIC NAME	FAMILY	LOC
clammy-weed, rough-seed	<i>Polanisia dodecandra</i>	Capparaceae	E
clearweed			
Canada clearweed	<i>Pilea pumila</i>	Urticaceae	E,W
springs clearweed	<i>Pilea fontana</i>	Urticaceae	E
clover			
alsike clover	<i>Trifolium hybridum</i>	Fabaceae	W
red clover	<i>Trifolium pratense</i>	Fabaceae	E,W
white clover	<i>Trifolium repens</i>	Fabaceae	E,W
hairy bush clover	<i>Lespedeza hirta</i> [= <i>L. polystachya</i>]	Fabaceae	W
round-head bush clover	<i>Lespedeza capitata</i>	Fabaceae	E,W
Virginia bush clover	<i>Lespedeza virginica</i>	Fabaceae	E
pinnate or lesser hop-clover	<i>Trifolium campestre</i> [= <i>T. procumbens</i>]	Fabaceae	W
white sweetclover	<i>Melilotus albus</i> [= <i>M. alba</i>]	Fabaceae	E,W
yellow sweetclover	<i>Melilotus officinalis</i>	Fabaceae	E,W
clubmoss			
tree-like clubmoss	<i>Lycopodium dendroideum</i>	Lycopodiaceae	W
tree clubmoss	<i>Lycopodium obscurum</i>	Lycopodiaceae	W
cockle-bur, rough	<i>Xanthium strumarium</i>	Asteraceae	E,W
cohosh, blue	<i>Caulophyllum thalictroides</i>	Berberidaceae	W
colts-foot	<i>Tussilago farfara</i>	Asteraceae	W
columbine, wild	<i>Aquilegia canadensis</i>	Ranunculaceae	W
columbo, American	<i>Frasera caroliniensis</i>	Gentianaceae	E,W
	[= <i>Swertia caroliniensis</i>]		
	<i>Symphytum officinale</i>	Boraginaceae	E
comfrey, common			
coneflower			
cut-leaf or greenheaded coneflower	<i>Rudbeckia laciniata</i>	Asteraceae	E,W
orange coneflower	<i>Rudbeckia fulgida</i>	Asteraceae	E
cornsalad			
beaked cornsalad	<i>Valerianella radiata</i>	Valerianaceae	E
European cornsalad	<i>Valerianella locusta</i> [= <i>V. olitoria</i>]	Valerianaceae	W
navel-shape cornsalad	<i>Valerianella umbilicata</i>	Valerianaceae	E
Woods' cornsalad	<i>Valerianella woodsiana</i>	Valerianaceae	W
cotton-wood, eastern	<i>Populus deltoides</i>	Salicaceae	E,W
cow-lily, yellow or spatterdock	<i>Nuphar lutea</i> ssp. <i>advena</i> [= <i>N. advena</i>]	Nymphaeaceae	E
crab, wild or southern crab-apple	<i>Malus coronaria</i>	Rosaceae	E,W
	[= <i>Pyrus coronaria</i> ; <i>M. angustifolia</i>]		
cranberry, American or large	<i>Vaccinium macrocarpon</i>	Ericaceae	W
	[= <i>Oxycoccus macrocarpus</i>]		
crane's-bill			
Carolina crane's-bill	<i>Geranium carolinianum</i>	Geraniaceae	W
purple crane's-bill, wild geranium	<i>Geranium maculatum</i>	Geraniaceae	E,W
small-flowered crane's-bill	<i>Geranium pusillum</i>	Geraniaceae	W
creeper			
trumpet creeper	<i>Campsis radicans</i>	Bignoniaceae	E,W
Virginia or thicket, creeper	<i>Parthenocissus quinquefolia</i>	Vitaceae	E,W
	[= <i>P. inserta</i>]		
creeping Jennie, moneywort	<i>Lysimachia nummularia</i>	Primulaceae	E,W
crass			
bulbous bitter-cress, spring cress	<i>Cardamine bulbosa</i>	Brassicaceae	E,W
hairy bitter-cress	<i>Cardamine hirsuta</i>	Brassicaceae	W
Pennsylvania bitter-cress	<i>Cardamine pensylvanica</i>	Brassicaceae	E,W
purple bitter-cress	<i>Cardamine douglassii</i>	Brassicaceae	E,W
cow cress	<i>Lepidium campestre</i>	Brassicaceae	W
lakecress	<i>Noebeckia aquatica</i>	Brassicaceae	E,W
	[= <i>Armoracia aquatica</i> ; <i>Nasturtium lacustre</i>]		
mouse-ear cress	<i>Arabis thaliana</i>	Brassicaceae	W
field penny-cress	<i>Thlaspi arvense</i>	Brassicaceae	W
smooth rock cress	<i>Arabis laevigata</i>	Brassicaceae	E,W
true water-cress	<i>Rorippa nasturtium-aquaticum</i>	Brassicaceae	W
	[= <i>Nasturtium officinale</i>]		
bog yellow-cress, marsh cress	<i>Rorippa palustris</i> ssp. <i>hispida</i>	Brassicaceae	E
	[= <i>R. p.</i> var. <i>hispida</i> ; <i>R. islandica</i>]		
marsh yellow-cress	<i>Rorippa palustris</i>	Brassicaceae	W
cucumber-root, Indian	<i>Medeola virginiana</i>	Liliaceae	W
Culver's-root	<i>Veronicastrum virginicum</i>	Scrophulariaceae	E
cup-plant	<i>Silphium perfoliatum</i>	Asteraceae	W

COMMON NAME	SCIENTIFIC NAME	FAMILY	LOC
currant			
red currant	<i>Ribes rubrum</i> [= <i>A. sativum</i>]	Grossulariaceae	E,W
wild or American black currant	<i>Ribes americanum</i>	Grossulariaceae	W
daisy, oxeye	<i>Leucanthemum vulgare</i> [= <i>Chrysanthemum leucanthemum</i>]	Asteraceae	W
dame's rocket	<i>Hesperis matronalis</i>	Brassicaceae	E,W
dandelion			
common dandelion	<i>Taraxacum officinale</i>	Asteraceae	E,W
two-flower dwarf-dandelion, Cynthia	<i>Krigia biflora</i>	Asteraceae	E
day-lily, common orange	<i>Hemerocallis fulva</i>	Liliaceae	E,W
dayflower, Asiatic	<i>Commelina communis</i>	Commelinaceae	E,W
dead nettle, purple or red	<i>Lamium purpureum</i>	Lamiaceae	E,W
dewberry, northern	<i>Rubus flagellaris</i>	Rosaceae	E
ditch-stonecrop	<i>Penthorum sedoides</i>	Saxifragaceae	E
dock			
curly or sour dock	<i>Rumex crispus</i>	Polygonaceae	E,W
great water dock	<i>Rumex orbiculatus</i>	Polygonaceae	E
swamp dock	<i>Rumex verticillatus</i>	Polygonaceae	E
dodder			
common dodder	<i>Cuscuta gronovii</i>	Cuscutaceae	E,W
smartweed dodder	<i>Cuscuta polygonorum</i>	Cuscutaceae	E
dogbane, clasping-leaf	<i>Apocynum cannabinum</i> [= <i>A. sibiricum</i>]	Apocynaceae	E,W
dogwood			
alternate-leaf or pagoda dogwood	<i>Cornus alternifolia</i>	Cornaceae	W
flowering dogwood	<i>Cornus florida</i>	Cornaceae	E,W
gray dogwood	<i>Cornus racemosa</i>	Cornaceae	E,W
red-osier dogwood	<i>Cornus sericea</i> [= <i>C. stolonifera</i>]	Cornaceae	E,W
rough-leaf dogwood	<i>Cornus drummondii</i>	Cornaceae	E,W
round-leaved dogwood	<i>Cornus rugosa</i>	Cornaceae	W
silky or knob-styled dogwood	<i>Cornus amomum</i>	Cornaceae	E,W
dragon, green	<i>Arisaema dracontium</i>	Araceae	W
duckweed			
greater duckweed	<i>Spirodela polyrrhiza</i>	Lemnaceae	E
lesser duckweed	<i>Lemna minor</i>	Lemnaceae	E,W
Dutchman's breeches	<i>Dicentra cucullaria</i>	Fumariaceae	E,W
elder			
American elder	<i>Sambucus nigra</i> ssp. <i>canadensis</i> [= <i>S. canadensis</i>]	Caprifoliaceae	E,W
European red elder	<i>Sambucus racemosa</i>	Caprifoliaceae	W
box-elder	<i>Acer negundo</i> var. <i>negundo</i> [= <i>Negundo aceroides</i>]	Aceraceae	W
elm			
American or white elm	<i>Ulmus americana</i>	Ulmaceae	E,W
Siberian elm	<i>Ulmus pumila</i>	Ulmaceae	W
slippery or red elm	<i>Ulmus rubra</i>	Ulmaceae	E,W
eupatorium, tall	<i>Eupatorium altissimum</i>	Asteraceae	E
evening-primrose			
common evening-primrose	<i>Oenothera biennis</i>	Onagraceae	E,W
small evening-primrose	<i>Oenothera perennis</i> [= ? <i>O. pumila</i>]	Onagraceae	W
everlasting pea	<i>Lathyrus latifolius</i>	Fabaceae	W
fairy bells, yellow mandarin	<i>Disporum lanuginosum</i>	Liliaceae	W
fairy-wand, blazing-star	<i>Chamaelirium luteum</i> [= <i>C. carolinianum</i>]	Liliaceae	W
false-buckwheat, climbing	<i>Polygonum scandens</i>	Polygonaceae	W
false-foxglove			
slender false-foxglove or gerardia	<i>Agalinis tenuifolia</i>	Scrophulariaceae	W
smooth false-foxglove	<i>Aureolaria flava</i>	Scrophulariaceae	N
fawnlily			
white fawnlily or trout-lily	<i>Erythronium albidum</i>	Liliaceae	E,W
yellow fawnlily or trout-lily	<i>Erythronium americanum</i>	Liliaceae	E,W
fern			
bulblet fern	<i>Cystopteris bulbifera</i>	Aspleniaceae	W
Christmas fern	<i>Polystichum acrostichoides</i>	Aspleniaceae	E,W
cinnamon fern	<i>Osmunda cinnamomea</i>	Osmundaceae	E
fragile fern	<i>Cystopteris tenuis</i>	Aspleniaceae	W
interrupted fern	<i>Osmunda claytoniana</i>	Osmundaceae	E,W
northern maidenhair fern	<i>Adiantum pedatum</i>	Adiantaceae	E,W

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fern (continued)			
rattlesnake fern	<i>Botrychium virginianum</i>	Ophioglossaceae	E, W
sensitive fern	<i>Onoclea sensibilis</i>	Onocleaceae	E, W
subarctic lady fern	<i>Athyrium filix-femina</i>	Aspleniaceae	E, W
garden asparagus-fern	<i>Asparagus officinalis</i>	Liliaceae	E, W
broad beech-fern	<i>Phegopteris hexagonoptera</i>	Aspleniaceae	W
cut-leaf grapefern	<i>Botrychium dissectum</i>	Ophioglossaceae	W
leathery grapefern	<i>Botrychium rugulosum</i> [= <i>B. ternatum</i>]	Ophioglossaceae	W
oak-fern	<i>Gymnocarpium dryopteris</i>	Aspleniaceae	W
marginal shield-fern or woodfern	<i>Dryopteris marginalis</i>	Aspleniaceae	W
evergreen woodfern	<i>Dryopteris intermedia</i>	Aspleniaceae	E, W
	[= <i>D. austriaca</i> var. <i>intermedia</i>]		
spinulose woodfern	<i>Dryopteris carthusiana</i>	Aspleniaceae	E, W
	[= <i>D. austriaca</i> var. <i>spinulosa</i>]		
woodfern	<i>Dryopteris</i> sp.	Aspleniaceae	E
figwort, lance-leaf or American	<i>Scrophularia lanceolata</i>	Scrophulariaceae	E
flax, Virginia	<i>Linum virginianum</i>	Linaceae	W
fleabane			
Philadelphia or daisy fleabane	<i>Erigeron philadelphicus</i>	Asteraceae	E, W
prairie fleabane	<i>Erigeron strigosus</i>	Asteraceae	E, W
white-top fleabane	<i>Erigeron annuus</i>	Asteraceae	E, W
flower-of-the-hour	<i>Hibiscus trionum</i>	Malvaceae	E, W
flowering-rush	<i>Butomus umbellatus</i>	Butomaceae	E
four-o'clock, heart-leaf or wild	<i>Mirabilis nyctaginea</i>	Nyctaginaceae	E
frostweed, plains	<i>Helianthemum bicknellii</i>	Cistaceae	E, W
	[= <i>H. majus</i> misapplied]		
fumitory	<i>Fumaria officinalis</i>	Fumariaceae	W
garlic			
field garlic	<i>Allium vineale</i>	Liliaceae	W
garlic	<i>Allium sativum</i>	Liliaceae	E
gayfeather, spiked or blazing star	<i>Liatris spicata</i>	Asteraceae	E, W
gentian			
fringe-top bottle or closed gentian	<i>Gentiana andrewsii</i>	Gentianaceae	E
fringed gentian	<i>Gentianopsis crinita</i> [= <i>Gentiana crinita</i>]	Gentianaceae	W
gentian	<i>Gentianella tenella</i> [= <i>Bartonia tenella</i>]	Gentianaceae	W
square-stem rose-gentian	<i>Sabatia angularis</i>	Gentianaceae	E, W
germander			
American germander	<i>Teucrium canadense</i>	Lamiaceae	E
germander	<i>Teucrium canadense</i> var. <i>virginicum</i>	Lamiaceae	W
ginger, wild or short-lobed	<i>Asarum canadense</i> [= <i>A. reflexum</i>]	Aristolochiaceae	E, W
ginseng			
American ginseng	<i>Panax quinquefolius</i>	Araliaceae	W
dwarf ginseng	<i>Panax trifolius</i>	Araliaceae	W
goats-beard	<i>Tragopogon pratensis</i>	Asteraceae	W
golden-rod			
Canada golden-rod	<i>Solidago canadensis</i>	Asteraceae	E, W
early golden-rod	<i>Solidago juncea</i>	Asteraceae	E
elm-leaved golden-rod	<i>Solidago ulmifolia</i>	Asteraceae	E
giant golden-rod	<i>Solidago gigantea</i>	Asteraceae	E
gray golden-rod	<i>Solidago nemoralis</i>	Asteraceae	W
Ohio golden-rod	<i>Oligoneuron ohioense</i>	Asteraceae	E
	[= <i>Solidago ohioensis</i>]		
rough-leaf golden-rod	<i>Solidago patula</i>	Asteraceae	W
showy golden-rod	<i>Solidago speciosa</i>	Asteraceae	E
wreath golden-rod	<i>Solidago caesia</i>	Asteraceae	E, W
wrinkled golden-rod	<i>Solidago rugosa</i>	Asteraceae	E, W
zigzag golden-rod	<i>Solidago flexicaulis</i> [= <i>S. latifolia</i>]	Asteraceae	W
flat-top fragrant-golden-rod	<i>Euthamia graminifolia</i>	Asteraceae	E, W
narrow-leaf fragrant-golden-rod	<i>Euthamia tenuifolia</i> [= <i>Solidago t.</i>]	Asteraceae	E
goldenseal	<i>Hydrastis canadensis</i>	Ranunculaceae	E, W
gooseberry			
bristly gooseberry, dogberry	<i>Ribes cynosbati</i>	Grossulariaceae	W
garden gooseberry	<i>Ribes uva-crispa</i>	Grossulariaceae	E
goosefoot			
maple-leaved goosefoot	<i>Chenopodium simplex</i> [= <i>C. hybridum</i>]	Chenopodiaceae	W
white goosefoot, lamb's quarters	<i>Chenopodium album</i>	Chenopodiaceae	E, W

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grape			
frost or chicken grape	<i>Vitis vulpina</i> [= <i>V. cordifolia</i>]	Vitaceae	W
northern fox grape	<i>Vitis labrusca</i>	Vitaceae	W
riverbank grape	<i>Vitis riparia</i>	Vitaceae	E, W
summer grape	<i>Vitis aestivalis</i>	Vitaceae	E, W
grass			
barnyard grass			
barnyard grass	<i>Echinochloa crus-galli</i>	Poaceae	E, W
rough barnyard grass	<i>Echinochloa muricata</i> [= <i>E. pungens</i>]	Poaceae	E
beachgrass, American	<i>Ammophila breviligulata</i>	Poaceae	W
bentgrass, spreading	<i>Agrostis stolonifera</i>	Poaceae	E
bluegrass			
Canada bluegrass	<i>Poa compressa</i>	Poaceae	E, W
Kentucky bluegrass	<i>Poa pratensis</i>	Poaceae	E, W
rough bluegrass	<i>Poa trivialis</i>	Poaceae	W
woodland bluegrass	<i>Poa sylvestris</i>	Poaceae	E
bluestem			
big bluestem	<i>Andropogon gerardii</i>	Poaceae	W
little bluestem	<i>Schizachyrium scoparium</i> [= <i>Andropogon scoparius</i>]	Poaceae	E
bottlebrush grass	<i>Elymus hystrix</i> [= <i>Hystrix patula</i>]	Poaceae	E, W
bristle grass, yellow	<i>Setaria glauca</i>	Poaceae	E, W
brome			
Japanese brome	<i>Bromus japonicus</i>	Poaceae	E
Kalm's brome	<i>Bromus kalmii</i>	Poaceae	E
broom-sedge	<i>Andropogon virginicus</i>	Poaceae	W
canary grass, reed	<i>Phalaris arundinacea</i>	Poaceae	E, W
chess			
field chess	<i>Bromus arvensis</i>	Poaceae	W
soft chess	<i>Bromus hordeaceus</i> [= <i>B. mollis</i>]	Poaceae	W
cockspur, coast or Walter's millet	<i>Echinochloa walteri</i>	Poaceae	E
crabgrass			
hairy crabgrass	<i>Digitaria sanguinalis</i>	Poaceae	E, W
small crabgrass	<i>Digitaria ischaemum</i>	Poaceae	W
cutgrass, rice	<i>Leersia oryzoides</i>	Poaceae	E, W
fescue			
six-weeks fescue	<i>Vulpia octoflora</i> var. <i>glauca</i> [= <i>Festuca tenella</i>]	Poaceae	W
tail fescue	<i>Lolium pratense</i> [= <i>Festuca elatior</i>]	Poaceae	W
fox-tail grass, Faber's	<i>Setaria faberi</i>	Poaceae	E, W
goat-grass, jointed	<i>Aegilops cylindrica</i>	Poaceae	E
goosegrass, India	<i>Eleusine indica</i>	Poaceae	W
grass, erect	<i>Brachyelytrum erectum</i>	Poaceae	W
Indian grass	<i>Sorghastrum nutans</i>	Poaceae	E
Johnson grass	<i>Sorghum halepense</i>	Poaceae	E
lovegrass, purple	<i>Eragrostis pectinacea</i>	Poaceae	E, W
manna grass, fowl	<i>Glyceria striata</i>	Poaceae	E, W
mat grass	<i>Nardus stricta</i>	Poaceae	E
nimble will	<i>Muhlenbergia schreberi</i>	Poaceae	W
oatgrass			
flattened oatgrass	<i>Danthonia compressa</i>	Poaceae	W
poverty oatgrass	<i>Danthonia spicata</i>	Poaceae	W
orchard grass	<i>Dactylis glomerata</i>	Poaceae	W
panic grass			
impoverished panic grass	<i>Dichanthelium depauperatum</i> [= <i>Panicum depauperatum</i>]	Poaceae	W
panic grass	<i>Dichanthelium acuminatum</i> var. <i>fasciculatum</i> [= <i>Panicum lanuginosum</i>]	Poaceae	E, W
quackgrass	<i>Elytrigia repens</i> [= <i>Agropyron repens</i>]	Poaceae	W
reed, common	<i>Phragmites australis</i>	Poaceae	E, W
reedgrass, blue-joint	<i>Calamagrostis canadensis</i>	Poaceae	E
sand-grass, purple	<i>Triplasis purpurea</i>	Poaceae	E
sandbur, few-flower	<i>Cenchrus incertus</i> [= <i>C. pauciflorus</i>]	Poaceae	E
switchgrass	<i>Panicum virgatum</i>	Poaceae	E
timothy	<i>Phleum pratense</i>	Poaceae	E, W
tridens, purple-top	<i>Tridens flavus</i> [= <i>Triodia flava</i>]	Poaceae	W

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grass (continued)			
wheatgrass			
cutting wheatgrass	<i>Elymus caninus</i> [= <i>Agropyron caninum</i>]	Poaceae	W
slender wheatgrass	<i>Elymus trachycaulus</i> ssp. <i>subsecundus</i> [= <i>Agropyron t.</i> var. <i>glaucum</i>]	Poaceae	W
whitegrass	<i>Leersia virginica</i>	Poaceae	E, W
wild-rye			
hairy wild-rye	<i>Elymus villosus</i>	Poaceae	E
nodding wild-rye	<i>Elymus canadensis</i>	Poaceae	E
Virginia wild-rye	<i>Elymus virginicus</i>	Poaceae	E, W
witchgrass			
cypress witchgrass	<i>Dichanthelium dichotomum</i> [= <i>Panicum dichotomum</i> ; <i>P. barbulatum</i>]	Poaceae	W
witchgrass	<i>Panicum capillare</i>	Poaceae	E, W
wood-reed grass, stout	<i>Cinna arundinacea</i>	Poaceae	E
greenbrier			
bristly greenbrier	<i>Smilax tamnoides</i> [= <i>S. hispida</i>]	Smilacaceae	E, W
common greenbrier	<i>Smilax rotundifolia</i>	Smilacaceae	W
gromwell, corn	<i>Buglossoides arvensis</i> [= <i>Lithospermum arvense</i>]	Boraginaceae	W
groovebur			
small-flower groovebur	<i>Agrimonia parviflora</i>	Rosaceae	E, W
tall hairy groovebur, agrimony	<i>Agrimonia gryposepala</i>	Rosaceae	E, W
ground-cherry			
clammy ground-cherry	<i>Physalis heterophylla</i>	Solanaceae	W
ground-cherry	<i>Physalis</i> sp.	Solanaceae	W
groundsel			
common groundsel	<i>Senecio vulgaris</i>	Asteraceae	W
grass-leaf groundsel	<i>Senecio glabellus</i>	Asteraceae	E
round-leaf groundsel	<i>Senecio obovatus</i> [= <i>S. rotundus</i>]	Asteraceae	E, W
guelder rose, Euro cranberry	<i>Viburnum opulus</i>	Caprifoliaceae	E, W
gum, black	<i>Nyssa sylvatica</i>	Cornaceae	E, W
hackberry, common or northern	<i>Celtis occidentalis</i>	Ulmaceae	E, W
hawkweed			
mouse-ear hawkweed	<i>Hieracium pilosella</i>	Asteraceae	W
panicled hawkweed	<i>Hieracium paniculatum</i>	Asteraceae	W
smoothish hawkweed	<i>Hieracium x floribundum</i>	Asteraceae	W
veiny hawkweed	<i>Hieracium venosum</i>	Asteraceae	E
hawthorn			
cockspur hawthorn	<i>Crataegus crus-galli</i>	Rosaceae	W
dotted hawthorn	<i>Crataegus punctata</i>	Rosaceae	W
downy hawthorn	<i>Crataegus mollis</i>	Rosaceae	E
hawthorns	<i>Crataegus</i> spp.	Rosaceae	E, W
hazel-nut, American	<i>Corylus americana</i>	Betulaceae	E, W
heal-all, self-heal	<i>Prunella vulgaris</i>	Lamiaceae	E, W
hedgenettle, smooth or common	<i>Stachys tenuifolia</i> [= <i>S. t.</i> var. <i>hispida</i> ; <i>S. hispida</i>]	Lamiaceae	E, W
helleborine	<i>Epipactis helleborine</i> [= <i>E. latifolia</i>]	Orchidaceae	E
hemlock, eastern	<i>Tsuga canadensis</i>	Pinaceae	E, W
henbit, dead nettle	<i>Lamium amplexicaule</i>	Lamiaceae	W
hepatica, sharp-lobed	<i>Hepatica nobilis</i> var. <i>acuta</i> [= <i>H. acutiloba</i>]	Ranunculaceae	E, W
hickory			
bitter-nut hickory	<i>Carya cordiformis</i>	Juglandaceae	E, W
mockernut hickory	<i>Carya alba</i> [= <i>C. tomentosa</i>]	Juglandaceae	E
shag-bark hickory	<i>Carya ovata</i>	Juglandaceae	E, W
hog-peanut, American	<i>Amphicarpaea bracteata</i>	Fabaceae	E, W
honewort, Canada	<i>Cryptotaenia canadensis</i>	Apiaceae	E, W
honey-locust	<i>Gleditsia triacanthos</i>	Caesalpiniaceae	W
honeysuckle			
amur honeysuckle	<i>Lonicera maackii</i>	Caprifoliaceae	W
Japanese honeysuckle	<i>Lonicera japonica</i>	Caprifoliaceae	E, W
mountain honeysuckle	<i>Lonicera dioica</i> var. <i>dioica</i>	Caprifoliaceae	E
tartarian or bush honeysuckle	<i>Lonicera tatarica</i>	Caprifoliaceae	W
wild honeysuckle	<i>Lonicera dioica</i> var. <i>glaucescens</i>	Caprifoliaceae	E
hop-hornbeam, eastern	<i>Ostrya virginiana</i>	Betulaceae	E, W

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horehound, water	<i>Lycopus x sherardii</i>	Lamiaceae	E
hornbeam, American; ironwood	<i>Carpinus caroliniana</i>	Betulaceae	W
hornwort, common or coontail	<i>Ceratophyllum demersum</i>	Ceratophyllaceae	E
horse-balm, Canada	<i>Collinsonia canadensis</i>	Lamiaceae	E
horse-nettle	<i>Solanum carolinense</i>	Solanaceae	W
horsetail			
field or common horsetail	<i>Equisetum arvense</i>	Equisetaceae	E, W
rough horsetail, scouring rush	<i>Equisetum hyemale</i>	Equisetaceae	W
horseweed	<i>Conyza canadensis</i>	Asteraceae	E, W
	[= <i>Erigeron canadensis</i>]		
hound's-tongue	<i>Cynoglossum officinale</i>	Boraginaceae	W
hydrangea, wild	<i>Hydrangea arborescens</i>	Hydrangeaceae	E
hyssop			
purple giant-hyssop	<i>Agastache scrophulariifolia</i>	Lamiaceae	W
	[= ? <i>Lophanthus scrophulariifolius</i>]		
yellow giant-hyssop	<i>Agastache nepetoides</i>	Lamiaceae	W
clammy hedgehyssop	<i>Gratiola neglecta</i>	Scrophulariaceae	W
Indian-pipe	<i>Monotropa uniflora</i>	Monotropaceae	W
Indian-tobacco	<i>Lobelia inflata</i>	Campanulaceae	E, W
indigo-bush, false	<i>Amorpha fruticosa</i>	Fabaceae	E
innocence, bluets	<i>Houstonia caerulea</i>	Rubiaceae	E, W
	[= <i>Hedyotis caerulea</i>]		
iris, yellow	<i>Iris pseudacorus</i>	Iridaceae	E, W
ironweed, tall	<i>Vernonia gigantea</i> [= <i>V. altissima</i>]	Asteraceae	E, W
ivy			
ground ivy	<i>Glechoma hederacea</i>	Lamiaceae	W
poison ivy	<i>Toxicodendron radicans</i>	Anacardiaceae	E, W
	[= <i>Rhus radicans</i>]		
Jack-in-the-pulpit, swamp	<i>Arisaema triphyllum</i> [= <i>A. atrorubens</i>]	Araceae	E, W
Jerusalem artichoke	<i>Helianthus tuberosus</i>	Asteraceae	E, W
jimsonweed	<i>Datura stramonium</i>	Solanaceae	E, W
Joe-pye-weed			
spotted Joe-pye-weed	<i>Eupatorium maculatum</i>	Asteraceae	E, W
sweet Joe-pye-weed	<i>Eupatorium purpureum</i>	Asteraceae	W
Kentucky coffee-tree	<i>Gymnocladus dioica</i> [= <i>G. canadensis</i>]	Caesalpiniaceae	E, W
king-devil			
orange-red king-devil or hawkweed	<i>Hieracium aurantiacum</i>	Asteraceae	E, W
yellow king-devil, field hawkweed	<i>Hieracium caespitosum</i> [= <i>H. pratense</i>]	Asteraceae	E, W
knotweed			
Japanese knotweed	<i>Polygonum cuspidatum</i>	Polygonaceae	W
prostrate knotweed or smartweed	<i>Polygonum aviculare</i>	Polygonaceae	E, W
Virginia knotweed, jumpseed	<i>Polygonum virginianum</i>	Polygonaceae	E, W
	[= <i>Tovara virginiana</i>]		
ladies'-tresses			
great plains ladies'-tresses	<i>Spiranthes magnicamporum</i>	Orchidaceae	E
ladies'-tresses	<i>Spiranthes ochroleuca</i>	Orchidaceae	W
nodding ladies'-tresses	<i>Spiranthes cernua</i>	Orchidaceae	E
lady's thumb	<i>Polygonum persicaria</i>	Polygonaceae	E, W
leek, small white	<i>Allium tricoccum</i>	Liliaceae	W
lettuce			
biennial or tall blue lettuce	<i>Lactuca biennis</i>	Asteraceae	W
prickly lettuce	<i>Lactuca serriola</i>	Asteraceae	W
tall yellow or wild lettuce	<i>Lactuca canadensis</i>	Asteraceae	E, W
woodland lettuce	<i>Lactuca floridana</i>	Asteraceae	E
licorice, wild	<i>Galium lanceolatum</i>	Rubiaceae	W
lily			
Canada lily	<i>Lilium canadense</i>	Liliaceae	E
lily	<i>Lilium</i> sp.	Liliaceae	W
Michigan lily	<i>Lilium michiganense</i>	Liliaceae	E
lily-of-the-valley			
lily-of-the-valley	<i>Convallaria majalis</i>	Liliaceae	W
wild-lily-of-the-valley	<i>Maianthemum canadense</i>	Liliaceae	W
	[= ? <i>M. convallaria</i>]		
lion's foot	<i>Prenanthes serpenticaria</i>	Asteraceae	E
live-forever	<i>Sedum telephium</i>	Crassulaceae	E
lizard's tail	<i>Saururus cernuus</i>	Saururaceae	E, W

COMMON NAME	SCIENTIFIC NAME	FAMILY	LOC
lobelia, great blue	<i>Lobelia siphilitica</i>	Campanulaceae	E,W
locust, black	<i>Robinia pseudoacacia</i>	Fabaceae	E,W
loosestrife			
fringed loosestrife	<i>Lysimachia ciliata</i>	Primulaceae	E,W
purple loosestrife	<i>Lythrum salicaria</i>	Lythraceae	E
whorled or prairie loosestrife	<i>Lysimachia quadrifolia</i>	Primulaceae	E,W
winged loosestrife	<i>Lythrum alatum</i>	Lythraceae	E
hairy swamp-loosestrife	<i>Decodon verticillatus</i>	Lythraceae	E
lopseed	<i>Phryma leptostachya</i>	Verbenaceae	E,W
lotus, American or water, lotus-lily	<i>Nelumbo lutea</i> [= <i>Nelumbium luteum</i>]	Nelumbonaceae	E
lousewort, swamp	<i>Pedicularis lanceolata</i>	Scrophulariaceae	E,W
lupine, wild or sundial	<i>Lupinus perennis</i>	Fabaceae	W
madder, wild	<i>Galium mollugo</i>	Rubiaceae	W
mallow			
common mallow	<i>Malva neglecta</i>	Malvaceae	W
high mallow	<i>Malva sylvestris</i>	Malvaceae	W
musk mallow	<i>Malva moschata</i>	Malvaceae	W
swamp rosemallow	<i>Hibiscus moscheutos</i> [= <i>H. palustris</i>]	Malvaceae	E
maple			
black maple	<i>Acer nigrum</i>	Aceraceae	W
Japanese maple	<i>Acer palmatum</i>	Aceraceae	E
Norway maple	<i>Acer platanoides</i>	Aceraceae	E,W
red maple	<i>Acer rubrum</i>	Aceraceae	E,W
silver maple	<i>Acer saccharinum</i>	Aceraceae	E,W
sugar maple	<i>Acer saccharum</i>	Aceraceae	E,W
marsh marigold, common	<i>Caltha palustris</i>	Ranunculaceae	E,W
may-apple	<i>Podophyllum peltatum</i>	Berberidaceae	E,W
meadow-beauty, Virginia	<i>Rhexia virginica</i>	Melastomataceae	W
meadow-rue			
early meadow-rue	<i>Thalictrum dioicum</i>	Ranunculaceae	E,W
meadow-rue	<i>Thalictrum</i> sp.	Ranunculaceae	E,W
tall meadow-rue	<i>Thalictrum pubescens</i> [= <i>T. polygamum</i>]	Ranunculaceae	W
meadow-sweet, narrow-leaf	<i>Spiraea alba</i>	Rosaceae	E
medick, black	<i>Medicago lupulina</i>	Fabaceae	E,W
mercury, three-seed	<i>Acalypha virginica</i> var. <i>rhomboidea</i> [= <i>A. rhomboidea</i>]	Euphorbiaceae	E,W
mermaid-weed			
false mermaid-weed	<i>Floerkea proserpinacoides</i>	Limnanthaceae	E,W
marsh or common mermaid-weed	<i>Proserpinaca palustris</i>	Haloragaceae	E
milkweed			
common milkweed	<i>Asclepias syriaca</i>	Asclepiadaceae	E,W
smooth milkweed	<i>Asclepias sullivantii</i>	Asclepiadaceae	E
swamp milkweed	<i>Asclepias incarnata</i>	Asclepiadaceae	E,W
milkwort			
red milkwort	<i>Polygala sanguinea</i>	Polygalaceae	W
whorled milkwort	<i>Polygala verticillata</i>	Polygalaceae	E
mint			
field mint	<i>Mentha arvensis</i> [= <i>M. gentilis</i>]	Lamiaceae	E,W
small-leaf mint	<i>Mentha x gracilis</i> [= <i>M. x cardiaca</i>]	Lamiaceae	E
Virginia mountain-mint	<i>Pycnanthemum virginianum</i>	Lamiaceae	E
spearmint	<i>Mentha spicata</i>	Lamiaceae	W
mock orange, syringa	<i>Philadelphus coronarius</i>	Hydrangeaceae	W
mock-cucumber, wild	<i>Echinocystis lobata</i>	Cucurbitaceae	E,W
moneyplant	<i>Lunaria annua</i>	Brassicaceae	W
monkey-flower			
Allegheny monkey-flower	<i>Mimulus ringens</i>	Scrophulariaceae	E,W
sharp-wing monkey-flower	<i>Mimulus alatus</i>	Scrophulariaceae	E,W
moonseed, Canada	<i>Menispermum canadense</i>	Menispermaceae	E,W
morning-glory, common	<i>Ipomoea purpurea</i>	Convolvulaceae	W
motherwort, lion's tail	<i>Leonurus cardiaca</i>	Lamiaceae	W
mugwort	<i>Artemisia vulgaris</i>	Asteraceae	W
mulberry			
red mulberry	<i>Morus rubra</i>	Moraceae	W
white mulberry	<i>Morus alba</i>	Moraceae	E,W

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mullein			
common or woolly mullein	<i>Verbascum thapsus</i>	Scrophulariaceae	E,W
moth mullein	<i>Verbascum blattaria</i>	Scrophulariaceae	W
mustard			
black mustard	<i>Brassica nigra</i>	Brassicaceae	W
field mustard	<i>Brassica rapa</i> [= <i>B. campestris</i>]	Brassicaceae	E
garlic mustard	<i>Alliaria petiolata</i> [= <i>A. officinalis</i>]	Brassicaceae	E,W
hedge mustard	<i>Sisymbrium officinale</i>	Brassicaceae	W
treacle mustard	<i>Erysimum repandum</i>	Brassicaceae	W
white mustard	<i>Sinapis alba</i> [= <i>Brassica hirta</i>]	Brassicaceae	E
nannyberry	<i>Viburnum lentago</i>	Caprifoliaceae	E,W
nettle			
slender or tall nettle	<i>Urtica dioica</i> ssp. <i>gracilis</i> [= <i>U. gracilis</i> ; <i>U. procera</i>]	Urticaceae	E,W
stinging nettle	<i>Urtica dioica</i>	Urticaceae	E,W
small-spike false-nettle	<i>Boehmeria cylindrica</i>	Urticaceae	E
Canada wood-nettle	<i>Laportea canadensis</i>	Urticaceae	E
New Jersey tea	<i>Ceanothus americanus</i>	Rhamnaceae	E,W
nightshade			
black or common nightshade	<i>Solanum ptychanthum</i> [= <i>S. nigrum</i> misapplied]	Solanaceae	E,W
climbing or bittersweet nightshade	<i>Solanum dulcamara</i>	Solanaceae	E,W
marsh or common enchanter's nightshade	<i>Circaea lutetiana</i> [= <i>C. quadrisulcata</i>]	Onagraceae	E,W
nutrush			
few-flower nutrush	<i>Scleria pauciflora</i>	Cyperaceae	W
whip nutrush	<i>Scleria triglomerata</i>	Cyperaceae	W
oak			
black oak	<i>Quercus velutina</i>	Fagaceae	E,W
bur oak	<i>Quercus macrocarpa</i>	Fagaceae	E,W
white oak	<i>Quercus alba</i>	Fagaceae	E,W
northern red oak	<i>Quercus rubra</i> var. <i>ambigua</i> [= <i>Q. borealis</i>]	Fagaceae	E,W
pin oak	<i>Quercus palustris</i>	Fagaceae	E,W
scarlet oak	<i>Quercus coccinea</i>	Fagaceae	E,W
swamp white oak	<i>Quercus bicolor</i>	Fagaceae	E,W
water or black oak	<i>Quercus nigra</i>	Fagaceae	E
olive			
autumn-olive	<i>Elaeagnus umbellata</i>	Elaeagnaceae	W
Russian olive	<i>Elaeagnus angustifolia</i>	Elaeagnaceae	E
onion, meadow	<i>Allium canadense</i>	Liliaceae	E,W
orache	<i>Atriplex</i> sp.	Chenopodiaceae	W
orchid			
long-bract-green orchid	<i>Coeloglossum viride</i>	Orchidaceae	W
three-birds orchid	<i>Triphora trianthophora</i>	Orchidaceae	W
orchis, showy	<i>Galearis spectabilis</i> [= <i>Orchis</i> s.]	Orchidaceae	W
osage-orange	<i>Maclura pomifera</i>	Moraceae	W
ox-eye, sunflower-everlasting	<i>Heliopsis helianthoides</i>	Asteraceae	E
ox-tongue, hawkweed or bitterweed	<i>Picris hieracioides</i>	Asteraceae	W
papaw, common or North American	<i>Asimina triloba</i>	Annonaceae	W
parsnip			
wild parsnip	<i>Pastinaca sativa</i>	Apiaceae	W
cow-parsnip	<i>Heracleum maximum</i>	Apiaceae	W
smooth meadow-parsnip	<i>Thaspium trifoliatum</i>	Apiaceae	E
hemlock water-parsnip	<i>Sium suave</i>	Apiaceae	E
partridge-berry	<i>Mitchella repens</i>	Rubiaceae	W
pellitory, Pennsylvania	<i>Parietaria pensylvanica</i>	Urticaceae	W
pepper-grass, poor-man's	<i>Lepidium virginicum</i>	Brassicaceae	W
periwinkle	<i>Vinca minor</i>	Apocynaceae	W
phlox			
ground phlox, moss-pink	<i>Phlox subulata</i>	Polemoniaceae	W
woodland or blue phlox	<i>Phlox divaricata</i>	Polemoniaceae	E,W
pigweed			
pigweed	<i>Amaranthus</i> sp.	Amaranthaceae	W
pigweed, winged	<i>Cyclolopa atriplicifolium</i>	Chenopodiaceae	E

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pimpernel			
water pimpernel	<i>Samolus valerandi</i> [=? <i>S. valerandi americanus</i>]	Primulaceae	W
yellow pimpernel	<i>Taenidia integerrima</i>	Apiaceae	E
yellow-seed false-pimpernel	<i>Lindernia dubia</i>	Scrophulariaceae	E
pine			
Austrian pine	<i>Pinus nigra</i>	Pinaceae	E
eastern white pine	<i>Pinus strobus</i>	Pinaceae	E
pitch pine	<i>Pinus rigida</i>	Pinaceae	E
Scotch pine	<i>Pinus sylvestris</i>	Pinaceae	E
pineapple-weed	<i>Matricaria discoidea</i>	Asteraceae	W
pink, Deptford	<i>Dianthus armeria</i>	Caryophyllaceae	W
pinweed	<i>Lechea minor</i>	Cistaceae	W
plantain			
black-seed or Rugel's plantain	<i>Plantago rugelii</i>	Plantaginaceae	W
common plantain	<i>Plantago major</i>	Plantaginaceae	E,W
English plantain	<i>Plantago lanceolata</i>	Plantaginaceae	W
pale Indian-plantain	<i>Arnoglossum atriplicifolium</i> [= <i>Cacalia atriplicifolia</i>]	Asteraceae	E
downy rattlesnake-plantain	<i>Goodyera pubescens</i>	Orchidaceae	W
broad-leaf water-plantain	<i>Alisma triviale</i> [= <i>A. plantago-aquatica</i> var. <i>americanum</i>]	Alismataceae	E
subcordate water-plantain	<i>Alisma subcordatum</i>	Alismataceae	E
plum, American or wild	<i>Prunus americana</i>	Rosaceae	E,W
pogonia, rose	<i>Pogonia ophioglossoides</i> [= <i>P. pendula</i>]	Orchidaceae	W
pokeweed, common	<i>Phytolacca americana</i>	Phytolaccaceae	E,W
polypody, common	<i>Polypodium virginianum</i> [= <i>P. vulgare</i>]	Polypodiaceae	W
pondweed			
curly pondweed	<i>Potamogeton crispus</i>	Potamogetonaceae	E
leafy pondweed	<i>Potamogeton foliosus</i>	Potamogetonaceae	E
long-leaf pondweed	<i>Potamogeton nodosus</i>	Potamogetonaceae	E
sago pondweed	<i>Potamogeton pectinatus</i>	Potamogetonaceae	E
potato-bean, American or groundnut	<i>Apios americana</i>	Fabaceae	E,W
prickly-ash, common	<i>Zanthoxylum americanum</i>	Rutaceae	W
prince's pine	<i>Chimaphila umbellata</i>	Pyrolaceae	W
privet, common or European	<i>Ligustrum vulgare</i>	Oleaceae	E,W
purslane, common	<i>Portulaca oleracea</i>	Portulacaceae	E,W
pussytoes			
field pussytoes	<i>Antennaria neglecta</i>	Asteraceae	W
Parlin's everlasting pusseytoes	<i>Antennaria parlinii</i>	Asteraceae	W
plantain pussytoes	<i>Antennaria plantaginifolia</i>	Asteraceae	E
quickweed			
common quickweed or galinsoga	<i>Galinsoga quadriradiata</i>	Asteraceae	W
lesser quickweed or galinsoga	<i>Galinsoga parviflora</i>	Asteraceae	E,W
ragweed			
annual or common ragweed	<i>Ambrosia artemisiifolia</i>	Asteraceae	E,W
great or giant ragweed	<i>Ambrosia trifida</i>	Asteraceae	E,W
ragwort, golden	<i>Senecio aureus</i>	Asteraceae	E,W
raspberry			
black raspberry	<i>Rubus occidentalis</i>	Rosaceae	E,W
flowering raspberry	<i>Rubus odoratus</i>	Rosaceae	E
rattlesnake-root, white or white lettuce	<i>Prenanthes alba</i>	Asteraceae	E,W
red cedar, eastern	<i>Juniperus virginiana</i>	Cupressaceae	W
redbud, eastern	<i>Cercis canadensis</i>	Caesalpiniaceae	E,W
redstem-filaree, storksbill	<i>Erodium cicutarium</i>	Geraniaceae	W
redwood, dawn	<i>Metasequoia glyptostroboides</i>	Taxodiaceae	E
riccia			
purple-fringed riccia	<i>Ricciocarpus natans</i>	Ricciaceae	E
slender riccia	<i>Riccia fluitans</i>	Ricciaceae	E
rocket, yellow	<i>Barbarea vulgaris</i>	Brassicaceae	E,W
rose			
multiflora rose	<i>Rosa multiflora</i>	Rosaceae	E,W
pasture or wild rose	<i>Rosa carolina</i>	Rosaceae	E,W
prairie or climbing rose	<i>Rosa setigera</i>	Rosaceae	E,W
smooth stem rose	<i>Rosa blanda</i>	Rosaceae	E
swamp rose	<i>Rosa palustris</i>	Rosaceae	E,W

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rosinweed, whorled	<i>Silphium trifoliatum</i>	Asteraceae	E, W
rue anemone	<i>Thalictrum thalictroides</i> [= <i>Anemonella thalictroides</i>]	Ranunculaceae	E
rush			
Canada rush	<i>Juncus canadensis</i>	Juncaceae	W
grass-leaf rush	<i>Juncus marginatus</i>	Juncaceae	W
knotted rush	<i>Juncus nodosus</i>	Juncaceae	W
slender or path rush	<i>Juncus tenuis</i>	Juncaceae	E, W
soft rush	<i>Juncus effusus</i>	Juncaceae	E, W
taper-tip rush	<i>Juncus acuminatus</i>	Juncaceae	E
Torrey's rush	<i>Juncus torreyi</i>	Juncaceae	W
turnflower rush	<i>Juncus biflorus</i>	Juncaceae	W
salsify	<i>Tragopogon porrifolius</i>	Asteraceae	W
sandwort, thyme-leaf	<i>Arenaria serpyllifolia</i>	Caryophyllaceae	W
sassafras	<i>Sassafras albidum</i>	Lauraceae	E, W
screwstem, yellow	<i>Bartonia virginica</i>	Gentianaceae	W
searocket, American or inland	<i>Cakile edentula</i>	Brassicaceae	E
sedge			
Asa Gray's sedge	<i>Carex grayi</i>	Cyperaceae	E, W
awl-fruited sedge	<i>Carex stipata</i>	Cyperaceae	E, W
bearded or longhair sedge	<i>Carex comosa</i>	Cyperaceae	E
Bebb's sedge	<i>Carex bebbii</i>	Cyperaceae	E
Bicknell's sedge	<i>Carex bicknellii</i>	Cyperaceae	E, W
bladder sedge	<i>Carex intumescens</i>	Cyperaceae	E, W
blunt broom sedge	<i>Carex tribuloides</i>	Cyperaceae	E
brome-like sedge	<i>Carex bromoides</i>	Cyperaceae	W
cat-tail sedge	<i>Carex typhina</i> [= ? <i>C. typhinoides</i>]	Cyperaceae	W
closely-covered sedge	<i>Carex albicans</i> [= <i>C. artitecta</i>]	Cyperaceae	E
Davis' sedge	<i>Carex davisii</i>	Cyperaceae	W
dense-tuft hairsedge	<i>Bulbostylis capillaris</i> [= <i>Fimbristylis capillaris</i>]	Cyperaceae	W
few-fruited sedge	<i>Carex oligocarpa</i>	Cyperaceae	W
finger sedge	<i>Carex digitalis</i>	Cyperaceae	E, W
fox sedge	<i>Carex vulpinoidea</i>	Cyperaceae	E, W
Frank's sedge	<i>Carex frankii</i>	Cyperaceae	E, W
fringed sedge	<i>Carex crinita</i>	Cyperaceae	E, W
greenish sedge	<i>Carex virescens</i> [= <i>C. virescens</i> var. <i>costata</i>]	Cyperaceae	W
hairy-leaved sedge	<i>Carex hirtifolia</i>	Cyperaceae	W
hirsute sedge	<i>Carex complanata</i>	Cyperaceae	E
hop sedge	<i>Carex lupulina</i>	Cyperaceae	E, W
inflated sedge	<i>Carex vesicaria</i> var. <i>monile</i> [= <i>C. monile</i>]	Cyperaceae	W
James' sedge	<i>Carex jamesii</i>	Cyperaceae	W
lakebank sedge	<i>Carex lacustris</i>	Cyperaceae	E
larger straw sedge	<i>Carex normalis</i>	Cyperaceae	W
lined sedge	<i>Carex striatula</i> [= <i>C. laxiflora</i> var. <i>angustifolia</i>]	Cyperaceae	W
little prickly sedge	<i>Carex echinata</i> [= <i>C. cephalantha</i>]	Cyperaceae	E
loose-culmed sedge	<i>Carex laxiculmis</i> [= ? <i>C. digitalis</i> copulata]	Cyperaceae	W
loose-flowered sedge	<i>Carex albursina</i> [= <i>C. laxiflora</i> var. <i>latifolia</i>]	Cyperaceae	W
loosely-flowered sedge	<i>Carex laxiflora</i> [= <i>C. laxiflora</i> var. <i>patulifolia</i>]	Cyperaceae	W
meadow sedge	<i>Carex granularis</i>	Cyperaceae	W
narrow-leaf sedge	<i>Carex amphibola</i> var. <i>turgida</i> [= <i>C. grisea</i>]	Cyperaceae	E, W
necklace sedge	<i>Carex projecta</i>	Cyperaceae	W
northern clustered sedge	<i>Carex arctata</i>	Cyperaceae	W
oval-leaf sedge	<i>Carex cephalophora</i>	Cyperaceae	E
peduncled sedge	<i>Carex pedunculata</i>	Cyperaceae	W
Pennsylvania sedge	<i>Carex pennsylvanica</i>	Cyperaceae	E, W
pointed broom sedge	<i>Carex scoparia</i>	Cyperaceae	W
radiate sedge	<i>Carex radiata</i>	Cyperaceae	E
rather pale sedge	<i>Carex pallescens</i>	Cyperaceae	W

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sedge (continued)			
raven-foot sedge	<i>Carex crus-corvi</i>	Cyperaceae	E
reflexed sedge	<i>Carex retroflexa</i>	Cyperaceae	E
rose-like sedge	<i>Carex rosea</i> [= <i>C. convoluta</i>]	Cyperaceae	E, W
shallow sedge	<i>Carex lurida</i>	Cyperaceae	W
Short's sedge	<i>Carex shortiana</i>	Cyperaceae	W
shorter sedge	<i>Carex brevior</i>	Cyperaceae	E
slightly hirsute sedge	<i>Carex hirsutella</i>	Cyperaceae	E
slough sedge	<i>Carex atherodes</i>	Cyperaceae	E
soft fox sedge	<i>Carex conjuncta</i>	Cyperaceae	W
squarrose sedge	<i>Carex squarrosa</i>	Cyperaceae	E, W
straw sedge	<i>Carex straminea</i>	Cyperaceae	W
	[= ? <i>C. straminea mirabilis</i>]		
thin-fruit sedge	<i>Carex glaucoidea</i>	Cyperaceae	W
	[= <i>C. flaccosperma</i> var. <i>glaucoidea</i>]		
water or leafy tussock sedge	<i>Carex aquatilis</i>	Cyperaceae	E
woodland sedge	<i>Carex blanda</i>	Cyperaceae	E, W
woolly-fruit sedge	<i>Carex lasiocarpa</i>	Cyperaceae	E, W
yellow-fruit sedge	<i>Carex annectens</i>	Cyperaceae	E
red-root flatsedge, umbrella-sedge	<i>Cyperus erythrorhizos</i>	Cyperaceae	E
rusty or Englemann flatsedge	<i>Cyperus odoratus</i>	Cyperaceae	E
	[= <i>C. ferruginescens</i> ; <i>C. engelmannii</i>]		
Schweinitz's flatsedge	<i>Cyperus schweinitzii</i>	Cyperaceae	W
shining flatsedge	<i>Cyperus bipartitus</i> [= <i>C. rivularis</i>]	Cyperaceae	E
slender flatsedge, nutsedge	<i>Cyperus filiculmis</i>	Cyperaceae	W
straw-color flatsedge, galingale	<i>Cyperus strigosus</i>	Cyperaceae	E
sedum, wild	<i>Sedum ternatum</i>	Crassulaceae	W
seedbox			
bushy seedbox	<i>Ludwigia alternifolia</i>	Onagraceae	W
marsh seedbox, water-purslane	<i>Ludwigia palustris</i>	Onagraceae	E
service-berry			
downy service-berry	<i>Amelanchier arborea</i>	Rosaceae	E, W
smooth service-berry, Juneberry	<i>Amelanchier laevis</i>	Rosaceae	W
shepherd's purse, common	<i>Capsella bursa-pastoris</i>	Brassicaceae	W
skullcap			
blue or mad-dog skullcap	<i>Scutellaria lateriflora</i>	Lamiaceae	E, W
hooded or marsh skullcap	<i>Scutellaria galericulata</i>	Lamiaceae	E
	[= <i>S. epilobiifolia</i>]		
skunk-cabbage	<i>Symplocarpus foetidus</i>	Araceae	E, W
smartweed			
dotted or water smartweed	<i>Polygonum punctatum</i>	Polygonaceae	E
marshpepper smartweed	<i>Polygonum hydropiper</i>	Polygonaceae	E, W
Pennsylvania smartweed	<i>Polygonum pennsylvanicum</i>	Polygonaceae	E, W
	[= <i>P. p.</i> var. <i>eglandulosum</i>]		
swamp smartweed, water-pepper	<i>Polygonum hydropiperoides</i>	Polygonaceae	E
water smartweed	<i>Polygonum amphibium</i> var. <i>emersum</i> [= <i>P. coccineum</i>]	Polygonaceae	E
snakeroot			
black snakeroot or cohosh	<i>Cimicifuga racemosa</i>	Ranunculaceae	E, W
Canada sanicle or black snakeroot	<i>Sanicula canadensis</i>	Apiaceae	E, W
Virginia snakeroot	<i>Aristolochia serpentaria</i>	Aristolochiaceae	W
white snakeroot	<i>Ageratina altissima</i>	Asteraceae	E, W
	[= <i>Eupatorium rugosum</i> ; <i>E. ageratoicles</i>]		
snapdragon, common	<i>Antirrhinum majus</i>	Scrophulariaceae	E
sneezeweed, common	<i>Helenium autumnale</i>	Asteraceae	E
Solomon's-seal			
hairy Solomon's-seal	<i>Polygonatum pubescens</i>	Liliaceae	W
small Solomon's-seal	<i>Polygonatum biflorum</i>	Liliaceae	E
feather false-Solomon's-seal	<i>Maianthemum racemosum</i>	Liliaceae	E, W
	[= <i>Smitacina racemosa</i>]		
sorrel, garden or sheep	<i>Rumex acetosella</i>	Polygonaceae	E, W
sowthistle			
common sowthistle	<i>Sonchus oleraceus</i>	Asteraceae	W
field sowthistle	<i>Sonchus arvensis</i>	Asteraceae	W
prickly sowthistle	<i>Sonchus asper</i>	Asteraceae	E, W

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speedwell			
common speedwell	<i>Veronica officinalis</i>	Scrophulariaceae	W
corn speedwell	<i>Veronica arvensis</i>	Scrophulariaceae	E, W
purslane speedwell	<i>Veronica peregrina</i>	Scrophulariaceae	W
slender speedwell	<i>Veronica polita</i>	Scrophulariaceae	W
thyme-leaf speedwell	<i>Veronica serpyllifolia</i>	Scrophulariaceae	E, W
water speedwell	<i>Veronica anagallis-aquatica</i> [= <i>V. anagallis</i>]	Scrophulariaceae	W
spicebush, northern	<i>Lindera benzoin</i>	Lauraceae	E, W
spider-wort, Virginia	<i>Tradescantia virginiana</i>	Commelinaceae	E
spikerush			
blunt spikerush	<i>Eleocharis obtusa</i>	Cyperaceae	W
ovate spikerush	<i>Eleocharis ovata</i>	Cyperaceae	E
spindle-tree	<i>Euonymus</i> sp.	Celastraceae	W
springbeauty, narrow-leaf	<i>Claytonia virginica</i>	Portulacaceae	E, W
spruce, blue	<i>Picea pungens</i>	Pinaceae	E
spurge			
cypress spurge	<i>Euphorbia cyparissias</i>	Euphorbiaceae	W
flowering spurge	<i>Euphorbia corollata</i>	Euphorbiaceae	E
toothed spurge	<i>Euphorbia dentata</i>	Euphorbiaceae	E
eyebane broomspurge	<i>Chamaesyce nutans</i> [= <i>Euphorbia nutans</i>]	Euphorbiaceae	W
seaside broomspurge	<i>Chamaesyce polygonifolia</i> [= <i>Euphorbia polygonifolia</i>]	Euphorbiaceae	E
spotted broomspurge	<i>Chamaesyce maculata</i> [= <i>Euphorbia maculata</i>]	Euphorbiaceae	W
squirrel-corn	<i>Dicentra canadensis</i>	Fumariaceae	W
St. John's-wort			
common St. John's-wort	<i>Hypericum perforatum</i>	Clusiaceae	E, W
dotted or spotted St. John's-wort	<i>Hypericum punctatum</i>	Clusiaceae	E, W
great St. John's-wort	<i>Hypericum ascyron</i> [= <i>H. pyramidatum</i>]	Clusiaceae	W
large Canadian St. John's-wort	<i>Hypericum majus</i>	Clusiaceae	E
star of Bethlenem, common	<i>Ornithogalum umbellatum</i>	Liliaceae	W
stargrass, eastern yellow	<i>Hypoxis hirsuta</i>	Liliaceae	E
starwort			
lesser starwort or stitchwort	<i>Stellaria graminea</i>	Caryophyllaceae	W
long-leaf starwort or stitchwort	<i>Stellaria longifolia</i>	Caryophyllaceae	W
larger water-starwort	<i>Callitriche heterophylla</i>	Callitrichaceae	W
stickseed, Virginia	<i>Hackelia virginiana</i>	Boraginaceae	W
strawberry			
Virginia or wild strawberry	<i>Fragaria virginiana</i>	Rosaceae	E, W
woodland strawberry	<i>Fragaria vesca</i>	Rosaceae	W
Indian mock-strawberry	<i>Duchesnea indica</i>	Rosaceae	W
sumac			
smooth sumac	<i>Rhus glabra</i>	Anacardiaceae	E, W
staghorn sumac	<i>Rhus hirta</i> [= <i>R. typhina</i>]	Anacardiaceae	E, W
sumach, Chinese	<i>Ailanthus altissima</i> [= <i>A. glandulosa</i>]	Simaroubaceae	W
sundew, round-leaf	<i>Drosera rotundifolia</i>	Droseraceae	W
sunflower			
common or garden sunflower	<i>Helianthus annuus</i>	Asteraceae	W
divaricate sunflower	<i>Helianthus divaricatus</i>	Asteraceae	E
hairy sunflower	<i>Helianthus hirsutus</i>	Asteraceae	E
rough-leaved sunflower	<i>Helianthus strumosus</i>	Asteraceae	E
southern flatseed-sunflower	<i>Verbesina occidentalis</i> [= <i>Actinomeris occidentalis</i>]	Asteraceae	E
sweet-potato vine, wild	<i>Ipomoea pandurata</i>	Convolvulaceae	W
sweetcicely			
hairy or woolly sweetcicely	<i>Osmorhiza claytonii</i>	Apiaceae	E, W
smooth sweetcicely	<i>Osmorhiza longistylis</i>	Apiaceae	E, W
sweetflag	<i>Acorus americanus</i>	Acoraceae	E, W
sweetflag	<i>Acorus calamus</i>	Acoraceae	E
sycamore, American	<i>Platanus occidentalis</i>	Platanaceae	E, W
tearthumb, arrow-leaf or arrow-vine	<i>Polygonum sagittatum</i>	Polygonaceae	E, W
teasel	<i>Dipsacus fullonum</i> ssp. <i>sylvestris</i> [= <i>D. sylvestris</i>]	Dipsacaceae	E, W

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thimble-weed			
American woodland thimble-weed	<i>Anemone quinquefolia</i>	Ranunculaceae	E
Canada thimble-weed	<i>Anemone canadensis</i>	Ranunculaceae	E,W
tall thimble-weed, windflower	<i>Anemone virginiana</i>	Ranunculaceae	E,W
thistle			
bull thistle	<i>Cirsium vulgare</i>	Asteraceae	E,W
creeping thistle	<i>Cirsium arvense</i>	Asteraceae	E,W
Russian thistle	<i>Salsola kali</i> ssp. <i>ragus</i> [= <i>S. k.</i> var. <i>tenuifolia</i> ; <i>S. ragus</i>]	Chenopodiaceae	E
Russian thistle, saltwort	<i>Salsola kali</i>	Chenopodiaceae	E
swamp thistle	<i>Cirsium muticum</i>	Asteraceae	W
thoroughwort, hairy	<i>Eupatorium pilosum</i>	Asteraceae	E
tick-trefoil			
cluster-leaf tick-trefoil	<i>Desmodium glutinosum</i>	Fabaceae	E
few-flowered tick-trefoil	<i>Desmodium pauciflorum</i>	Fabaceae	W
hoary tick-trefoil	<i>Desmodium canescens</i>	Fabaceae	E
little-leaf tick-trefoil	<i>Desmodium ciliare</i>	Fabaceae	W
panicled tick-trefoil	<i>Desmodium paniculatum</i>	Fabaceae	E,W
showy tick-trefoil	<i>Desmodium canadense</i>	Fabaceae	E,W
smooth tick-trefoil	<i>Desmodium laevigatum</i>	Fabaceae	E
tickseed, tall	<i>Coreopsis tripteris</i>	Asteraceae	E,W
tinker's weed	<i>Triosteum perfoliatum</i>	Caprifoliaceae	E,W
toadflax, lesser	<i>Chaenorrhinum minus</i>	Scrophulariaceae	E
toothwort			
cut-leaf toothwort	<i>Cardamine concatenata</i> [= <i>Dentaria laciniata</i>]	Brassicaceae	E,W
two-leaf or common toothwort	<i>Cardamine diphylla</i> [= <i>Dentaria diphylla</i>]	Brassicaceae	W
touch-me-not			
pale touch-me-not	<i>Impatiens pallida</i>	Balsaminaceae	E,W
spotted touch-me-not, jewelweed	<i>Impatiens capensis</i>	Balsaminaceae	E,W
trefoil, bird's-foot	<i>Lotus corniculatus</i>	Fabaceae	W
trillium			
large- or grand-flowered trillium	<i>Trillium grandiflorum</i>	Liliaceae	E,W
white or drooping trillium	<i>Trillium flexipes</i>	Liliaceae	E,W
tulip tree, tulip-poplar	<i>Liriodendron tulipifera</i>	Magnoliaceae	E,W
turtlehead, white	<i>Chelone glabra</i>	Scrophulariaceae	E,W
two-leaf bishop's-cap, mitrewort	<i>Mitella diphylla</i>	Saxifragaceae	W
velvet-leaf	<i>Abutilon theophrasti</i>	Malvaceae	E,W
Venus'-looking-glass, clasping-leaf	<i>Triodanis perfoliata</i> [= <i>Specularia perfoliata</i>]	Campanulaceae	E,W
vervain			
blue vervain	<i>Verbena hastata</i>	Verbenaceae	E,W
vervain	<i>Verbena x illicita</i>	Verbenaceae	E
white vervain	<i>Verbena urticifolia</i>	Verbenaceae	E,W
vetch			
bird vetch	<i>Vicia cracca</i>	Fabaceae	E
Canada milkvetch	<i>Astragalus canadensis</i>	Fabaceae	E
crown vetch	<i>Coronilla varia</i>	Fabaceae	W
vetch	<i>Vicia</i> sp.	Fabaceae	W
vetchling, tuberous	<i>Lathyrus tuberosus</i>	Fabaceae	W
viburnum			
viburnum	<i>Viburnum</i> sp.	Caprifoliaceae	W
maple leaf viburnum, dockmackie	<i>Viburnum acerifolium</i>	Caprifoliaceae	E,W
violet			
American dog violet	<i>Viola conspersa</i>	Violaceae	E
arrow-leaf violet	<i>Viola sagittata</i>	Violaceae	W
Canada violet	<i>Viola canadensis</i>	Violaceae	E
downy or common yellow violet	<i>Viola pubescens</i>	Violaceae	E,W
long-spur violet	<i>Viola rostrata</i>	Violaceae	W
marsh blue violet	<i>Viola cucullata</i>	Violaceae	E,W
striped cream violet, pale violet	<i>Viola striata</i>	Violaceae	E,W
sweet white violet	<i>Viola blanda</i>	Violaceae	W
three-lobed violet	<i>Viola palmata</i> [= <i>V. triloba</i>]	Violaceae	W
white violet	<i>Viola odorata</i>	Violaceae	W
woolly blue violet	<i>Viola sororia</i>	Violaceae	E,W
virgin's-bower, Virginia	<i>Clematis virginiana</i>	Ranunculaceae	E,W

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walnut, black	<i>Juglans nigra</i>	Juglandaceae	E, W
water-hemlock, spotted	<i>Cicuta maculata</i>	Apiaceae	E, W
water-lily, white	<i>Nymphaea odorata</i> [= <i>N. tuberosa</i>]	Nymphaeaceae	E
water-meal, Columbia	<i>Wolffia columbiana</i>	Lemnaceae	E, W
water-milfoil, Eurasian	<i>Myriophyllum spicatum</i>	Haloragaceae	E
water-weed, broad	<i>Elodea canadensis</i>	Hydrocharitaceae	E, W
waterleaf, Virginia	<i>Hydrophyllum virginianum</i>	Hydrophyllaceae	E, W
weed, pickerel	<i>Pontederia cordata</i>	Pontederiaceae	E
whitlow-grass	<i>Draba verna</i> [= <i>Erophila verna</i>]	Brassicaceae	W
wild indigo, wild	<i>Baptisia tinctoria</i>	Fabaceae	W
wildbean, trailing	<i>Strophostyles helvula</i>	Fabaceae	E, W
willow			
black willow	<i>Salix nigra</i>	Salicaceae	E, W
crack willow	<i>Salix fragilis</i>	Salicaceae	E
Missouri River or heart-leaf willow	<i>Salix eriocephala</i> [= <i>S. rigida</i>]	Salicaceae	W
peach-leaf willow	<i>Salix amygdaloides</i>	Salicaceae	E
pussy willow	<i>Salix discolor</i>	Salicaceae	W
sandbar willow	<i>Salix exigua</i> [= <i>S. interior</i>]	Salicaceae	E, W
tail prairie willow	<i>Salix humilis</i>	Salicaceae	W
weeping willow	<i>Salix babylonica</i>	Salicaceae	E
white willow	<i>Salix alba</i>	Salicaceae	E
willow	<i>Salix</i> sp.	Salicaceae	E
willow-herb			
hairy or northern willow-herb	<i>Epilobium ciliatum</i>	Onagraceae	E, W
willow-herb	<i>Epilobium ciliatum</i> ssp. <i>glandulosum</i> [= <i>E. glandulosum</i>]	Onagraceae	E
willow-weed, nodding smartweed	<i>Polygonum lapathifolium</i>	Polygonaceae	E, W
wingstem	<i>Verbesina alternifolia</i> [= <i>Actinomeris alternifolia</i>]	Asteraceae	E, W
winterberry, common	<i>Ilex verticillata</i>	Aquifoliaceae	E
wintercreeper, bigleaf or Chinese	<i>Euonymus fortunei</i>	Celastraceae	E, W
wintergreen			
wintergreen, creeping	<i>Gaultheria procumbens</i>	Ericaceae	W
wintergreen, round-leaf	<i>Pyrola americana</i> [= <i>P. rotundifolia</i>]	Pyrolaceae	W
witch hazel, American	<i>Hamamelis virginiana</i>	Hamamelidaceae	W
woodrush, common	<i>Luzula multiflora</i>	Juncaceae	E
wood sorrel			
common yellow wood sorrel	<i>Oxalis stricta</i> [= <i>O. europaea</i>]	Oxalidaceae	E, W
violet wood sorrel	<i>Oxalis violacea</i>	Oxalidaceae	E, W
wool-grass	<i>Scirpus cyperinus</i>	Cyperaceae	E, W
wormwood			
beach wormwood	<i>Artemisia campestris</i>	Asteraceae	E
wormwood	<i>Artemisia campestris</i> ssp. <i>caudata</i> [= <i>A. caudata</i>]	Asteraceae	E
yam			
four-leaf yam	<i>Dioscorea quaternata</i>	Dioscoreaceae	E
yellow or wild yam	<i>Dioscorea villosa</i>	Dioscoreaceae	E, W
yarrow, common	<i>Achillea millefolium</i>	Asteraceae	E, W
yerba de tajo, pie-plate-plant	<i>Eclipta prostrata</i> [= <i>E. alba</i>]	Asteraceae	E

