

LIST OF VASCULAR SPECIES KNOWN OR EXPECTED AT GRIFFITH WOODS

Compiled by Julian Campbell mostly during 2000-2010, but refinements continuing.

Plantings are excluded.

Nomenclature is old-fashioned, allowing more easy cross-reference to the last 50 years of botanical work in Kentucky.

Genus concepts are mostly broad; see Central Bluegrass list (Excel file) for synonyms.

Codes for life-forms are being developed in conjunction with a dynamic model for the vegetation; see provisional table below.

Species are grouped as follows.

- Large tree species

- Small tree species and shrubs

- Woody Vines

- Ferns and allies

- Herbs: dicots (non-Fabaceae/Asteraceae)

- Herbs: Fabaceae

- Herbs: Asteraceae

- Herbs: monocots (non-Cyperaceae/Poaceae)

- Herbs: Cyperaceae

- Herbs: Poaceae

Presence at Griffith Woods (745 acres in Harrison Co.) or nearby is coded as follows.

abu = abundant; com = common; fre = frequent; loc = local or locally;
occ = occasional; rar = rare; nea = nearby (similar habitat within a few miles).

In addition, there are two “historical” codes:

ext = probably was widely scattered on central Bluegrass uplands but now locally extinct in most areas;

wet = probably was widespread in wetlands/lowlands (including beaver ponds); but currently unknown at Griffith Woods or nearby.

Estimates of “ext” and “wet” are ‘educated guesses’ in some cases. Many added species may have extended further from sheltered slopes and riparian corridors before settlement.

Gradient Position: from deep woods to bare open ground as follows.

1 = deep shade; 2 = average woods; 3 = young woods, thickets, woodland paths;
4 = brushy edges, old fields; 5 = grasslands, pastures; 6 = bare ground, water or rock;
a = browsing sensitive; b = neutral/unknown; c = browsing tolerant

Alien Status: AAA = highly problematic invasive; AA = moderately so; A = other aliens.

L = ‘local alien’ dispersed post-settlement; M = perhaps mixed native & alien races in e USA;
S = dispersed in from southern regions; W = from western regions.

The following table [next page] provides the initial classification of life-forms, to be detailed in other documents.

CODE	GENERAL LIFE FORM	LIFE FORM VARIANT
LT	Large Trees	1 less shade tolerant; 2 more tolerant
ST	Small Trees & Shrubs	1 small trees; 2 large shrubs; 3 small shrubs; 4 subshrubs
V	Vines & Subshrubs	1 lianes; 2 twiners/scramblers; 3 perennial herbaceous; 4 annual herb.
DE	Determinate Spring Woodland Perennials	1 naked inflorescence; 2 leafy inflor.
SE	Short Spring-Summer Perennials	1 earlier flowering; 2 stoloniferous; 3 later
RE	Rosette Spring-Summer Perennials	1 ferns; 2 deeper woods; 3 more open
DL	Distichous Woodland Perennials	
LL	Large-leaved Summer Woodland Perennials	1 earlier flowering; 2 later
SL	Simple Broad-leaved Sum. Woodl. Perennials	1 non-running; 2 rhizomatous; 3 tufted
GL	Summer-Fall Grassland Perennials	1 non-running; 2 terrestrial; 3 aquatic
TL	Tall Summer-Fall Perennials	1 non-running; 2 running
EB	Early Summer Biennials	1 simple leaves; 2 divided or compound
LB	Late Summer Biennials	
WA	Winter Annuals (some species uncertain)	
S/M/TA	Summer Annuals: Small/Medium/Tall	
WG	Taller Woodland Perennial Graminoids	1 early broad; 2 e. narrow; 3 late b; 4 l.n.
TRG	Tall Running Graminoids	1 early (cool-season); 2 late (warm)
MRG	Medium (and Small) Running Graminoids	1 early (cool-season); 2 late (warm)
RTG	Tillering Tussock Graminoids	1 early (cool-season); 2 late (warm)
TTG	Tall Tussock Graminoids	1 early (cool-season); 2 late (warm)
MTG	Medium (and Small) Tussock Graminoids	1 early (cool-season); 2 late (warm)
EAG/CAG	Erect/Creeping Annual Graminoids	1 early (cool-season); 2 late (warm)
AQ	Aquatic Plants	1 subaquatic; 2 floating rooted; 3 hetero- morphic; 4 floating unrooted; 5 submersed

Scientific Name	Common Name	Life Form	Griffith Woods	Gradient Position	Alien Status
LARGE TREES					
<i>Acer negundo L.</i>	boxelder	LT2	occ	2b	
<i>Acer nigrum Michx. f.</i>	black maple	LT2	occ	1a	
<i>Acer saccharinum L.</i>	silver maple	LT2?	rar	2a	L
<i>Acer saccharum Marsh.</i>	sugar maple	LT2	occ; loc abu	1a	
<i>Aesculus glabra Willd.</i>	stinking (Ohio) buckeye	LT2	loc abu	2c	
<i>Ailanthus altissima (P. Mill.) Swingle</i>	tree-of-heaven (hell!)	LT1	occ; loc abu	3c	AA
<i>Carya cordiformis (Wangenh.) K. Koch</i>	bitternut hickory	LT1	loc com	1b	

<i>Carya laciniosa</i> (Michx. f.) G. Don	shellbark hickory	LT2	loc dom	2c	
<i>Carya ovata</i> (P. Mill.) K. Koch	shagbark hickory	LT2	loc fre	2c	
<i>Catalpa speciosa</i> (Warder) Warder ex Engelm.	large-flowered catalpa	LT1	occ	3b	S
<i>Celtis occidentalis</i> L.	common hackberry	LT2	abu	2a	
<i>Fraxinus americana</i> L.	white ash	LT2	com	2a	
<i>Fraxinus pennsylvanica</i> Marsh.	green ash	LT2	occ	2a	
<i>Fraxinus quadrangulata</i> Michx.	blue ash	LT2	fre; loc dom	2a	
<i>Gleditsia triacanthos</i> L.	honeylocust	LT1	fre	4c	
<i>Gymnocladus dioica</i> (L.) K. Koch	coffeetree	LT1	occ	3c	
<i>Juglans cinerea</i> L.	white walnut (butternut)	LT1	ext	3b	

<i>Juglans nigra L.</i>	black walnut	LT1	com; loc dom	2b	
<i>Juniperus virginiana L.</i>	redcedar	LT1	occ	4c	
<i>Liriodendron tulipifera L.</i>	tuliptree	LT1	rar	2b	
<i>Maclura pomifera (Raf.) Schneid.</i>	osage orange	LT1	occ	4c	W
<i>Morus alba L.</i>	white mulberry	LT2?	rar	3b	AAA
<i>Morus rubra L.</i>	red mulberry	LT2	com	2b	
<i>Platanus occidentalis L.</i>	plane-tree or sycamore	LT1	occ	3c	
<i>Populus deltoides Bartr. ex Marsh.</i>	cottonwood	LT1	wet	3a	L
<i>Prunus avium (L.) L.</i>	sweet cherry	LT1?	occ	3b	AA
<i>Prunus serotina Ehrh.</i>	black cherry	LT2?	com; loc abu	3b	

<i>Quercus alba L.</i>	white oak	LT1	nea?	2b	
<i>Quercus imbricaria Michx.</i>	shingle oak	LT1	rar	4b	
<i>Quercus macrocarpa Michx.</i>	bur oak	LT1	com; loc abu	4c	
<i>Quercus muehlenbergii Engelm.</i>	chinquapin oak	LT1	com; loc dom	2b	
<i>Quercus palustris Muenchh.</i>	pin oak	LT1	rar	3b	L
<i>Quercus rubra L.</i>	northern red oak	LT1	ext	1b	
<i>Quercus shumardii Buckl.</i>	western red oak	LT1	occ; loc com	3b	
<i>Robinia pseudoacacia L.</i>	black locust	LT1	com; loc dom	3c	
<i>Salix nigra Marsh.</i>	black willow	LT2?	occ	3b	
<i>Tilia americana L.</i>	northern basswood	LT2	ext	1a	

<i>Tilia heterophylla</i> Vent.	mountain basswood	LT2	ext	1a	
<i>Ulmus americana</i> L.	white elm	LT2	com; loc abu	2a	
<i>Ulmus rubra</i> Muhl.	red elm	LT2	rar	2a	
SMALL TREES AND SHRUBS					
<i>Arundinaria gigantea</i> (Walt.) Muhl.	cane	ST4	ext	4a	
<i>Asimina triloba</i> (L.) Dunal	pawpaw	ST1	occ; loc abu	2c	
<i>Carpinus caroliniana</i> Walt.	hornbeam	ST1	rar?	1c	
<i>Cephalanthus occidentalis</i> L.	buttonbush	ST2	wet	4b?	
<i>Cercis canadensis</i> L.	redbud	ST1	rar	3b?	

<i>Cornus drummondii</i> C.A. Mey.	rough-leaved dogwood	ST2?	rar	4a	
<i>Cornus florida</i> L.	flowering dogwood	ST1	rar?	3a	
<i>Corylus americana</i> Walt.	eastern hazelnut	ST2?	ext	3c?	
<i>Crataegus crus-galli</i> L.	cockspur hawthorn	ST1	nea	4c	
<i>Crataegus mollis</i> Scheele	downy hawthorn	ST1	loc fre	4c	
<i>Crataegus phaenopyrum</i> (L.f.) Medic.	Washington hawthorn	ST1	rar	4c	W
<i>Elaeagnus umbellata</i> Thunb.	autumn olive	ST2	occ	4b	AA
<i>Euonymus alata</i> (Thunb.) Sieb.	burning-bush	ST2	occ	4a?	AA
<i>Euonymus atropurpurea</i> Jacq.	spindle	ST2	com	2a	
<i>Ligustrum sinense</i> Lour.	Chinese privet	ST2	pre?	4	AA

<i>Ligustrum vulgare</i> L.	European privet	ST2	rar?	4b?	AA
<i>Lindera benzoin</i> (L.) Blume	spicebush	ST2	ext	1c	
<i>Lonicera maackii</i> (Rupr.) Herder	Amur honeysuckle	ST1?	com; loc dom	3a	AAA
<i>Malus baccata</i> (L.) Borkh.	Siberian crabapple	ST1?	occ	4a	AA
<i>Malus coronaria</i> (L.) P. Mill.	eastern crabapple	ST1	ext	4b	
<i>Malus pumila</i> P. Mill.	European apple	ST1?	pre?	4	A
<i>Ostrya virginiana</i> (P. Mill.) K. Koch	hophornbeam	ST1	ext	2c	
<i>Prunus americana</i> Marsh.	common plum	ST1	rar	3b	
<i>Prunus munsoniana</i> W. Wight & Hedrick	Shawnee plum	ST1	ext	4b	
<i>Ptelea trifoliata</i> L.	hoptree	ST2	ext	4b?	

<i>Rhamnus caroliniana</i> <i>Walt.</i>	common buck- cherry	ST1	rar	3b?	
<i>Rhus glabra L.</i>	smooth sumac	ST2	ext	4a?	
<i>Rhus typhina L.</i>	staghorn sumac	ST1	ext	4a?	
<i>Rosa multiflora Thunb. ex</i> <i>Murr.</i>	multiflora rose	ST3	com; loc abu	4b?	AAA
<i>Rosa setigera Michx.</i>	climbing rose	ST3	rar	4b?	
<i>Rubus occidentalis L.</i>	wild raspberry	ST4	occ	4c	
<i>Rubus pensilvanicus Poir.</i>	common blackberry	ST4	com; loc dom	5b?	
<i>Sambucus canadensis L.</i>	elderberry	ST2	occ	4b?	
<i>Symphoricarpos</i> <i>orbiculatus Moench</i>	coralberry	ST3	com; loc abu	4b	
<i>Viburnum prunifolium L.</i>	smooth blackhaw	ST1	rar	3b?	

<i>Viburnum rufidulum</i> Raf.	rusty blackhaw	ST1	ext	3b?	
<i>Zanthoxylum americanum</i> <i>P. Mill.</i>	pricklyash	ST2	ext	4c	
WOODY VINES (or epiphyte)					
<i>Bignonia capreolata</i> L.	crossvine	V1	ext	2b?	
<i>Campsis radicans</i> (L.) <i>Seem. ex Bureau</i>	trumpet creeper	V1	com; loc dom	4b?	
<i>Celastrus scandens</i> L.	American bittersweet	V3	ext	4a?	
<i>Clematis terniflora</i> DC.	sweet autumn virginsbower	V3	occ	4c?	A
<i>Clematis virginiana</i> L.	virgin's-bower	V3	rar?	4c?	
<i>Euonymus fortunei</i> <i>(Turcz.) Hand.-Maz.</i>	purplish winter- creeper	V1	fre; loc dom	3a	AAA

<i>Lonicera japonica</i> Thunb.	Japanese honeysuckle	V2	occ?	4a?	AAA
<i>Menispermum canadense</i> L.	common moonseed	V3?	occ	4c?	
<i>Parthenocissus quinquefolia</i> (L.) Planch.	Virginia creeper	V1	occ	2b?	
<i>Phoradendron leucarpum</i> (Raf.) Reveal & M.C. Johnston	mistletoe	epi-phyte	occ	2c?	
<i>Rhus radicans</i> L.	poison ivy	V1	com; loc abu	3a	
<i>Rubus flagellaris</i> Willd.	northern dewberry	V3?	occ?	5c?	
<i>Smilax bona-nox</i> L.	rough greenbrier	V1	ext	3b?	
<i>Smilax hispida</i> Raf.	bristly greenbrier	V1	occ	2b?	
<i>Vitis vulpina</i> L.	common smooth-grape	V1	com; loc abu	3b?	

FERNS AND ALLIES					
<i>Asplenium platyneuron</i> (L.) B.S.P.	common ebony spleenwort	RE3	occ	3b?	
<i>Botrychium obliquum</i> Muhl. ex Willd.	dissected grapefern	DE2	occ	2b?	
<i>Botrychium virginianum</i> (L.) Sw.	rattlesnake fern	DE2	occ?	2b?	
<i>Cystopteris protrusa</i> (Weatherby) Blasdell	common fragile fern	DE2	loc abu	1b?	
<i>Dryopteris carthusiana</i> (Vill.) H.P. Fuchs	lowland wood-fern	RE1	rar	1b?	
<i>Ophioglossum pycnostichum</i> (Fern.) A. & D. Löve	common adderstongue	DE2	rar	3b?	
<i>Polystichum acrostichoides</i> (Michx.) Schott	Christmas fern	RE1	rar	1b?	

HERBS: DICOTS (non-Fabaceae / Asteraceae)					
<i>Abutilon theophrasti</i> <i>Medik.</i>	velvetleaf	TA	occ	6b	A
<i>Acalypha ostryifolia</i> <i>Riddell</i>	broad-leaved mercury	MA	loc fre	6b	
<i>Acalypha rhomboidea</i> Raf.	greater mercury	MA	loc fre	6b	
<i>Agastache nepetoides</i> (L.) <i>Kuntze</i>	giant hyssop	TL1	rar?	4b	
<i>Agrimonia parviflora</i> Ait.	marsh agrimony	GL2	wet	5b	
<i>Agrimonia pubescens</i> <i>Wallr.</i>	hairy agrimony	GL2	occ	2b	
<i>Agrimonia rostellata</i> <i>Wallr.</i>	smooth agrimony	GL2	ext	2b	
<i>Alliaria petiolata</i> (Bieb.) <i>Cavara & Grande</i>	garlic mustard	EB1	abu	2b	AAA
<i>Amaranthus hybridus</i> L.	common amaranth	TA	nea?	6a	S

<i>Amaranthus retroflexus L.</i>	field amaranth	TA	loc com	6a	S
<i>Amaranthus spinosus L.</i>	spiny amaranth	MA?	occ	6b	S
<i>Anemone virginiana L.</i>	thimbleweed	LL1?	ext	3b?	
<i>Apocynum cannabinum L.</i>	dogbane	TL2	occ; loc abu	5c	
<i>Aquilegia canadensis L.</i>	columbine	SE1	ext	1b?	
<i>Arabis virginica (L.) Poir.</i>	southern field cress	WA1	occ	6c	
<i>Asarum canadense L.</i>	wildginger	DE1	ext	1b?	
<i>Asclepias incarnata L.</i>	swamp milkweed	GL1	rar?	5b?	
<i>Asclepias syriaca L.</i>	common milkweed	TL2	occ	5b	
<i>Asclepias tuberosa L.</i>	orange milkweed	GL1	rar	5b	

<i>Asclepias viridis</i> Walt.	common green milkweed	GL1	rar	5c	
<i>Barbarea vulgaris</i> Ait. f.	winter-cress	WA1	occ	6c	A
<i>Blephilia ciliata</i> (L.) Benth.	blue wood-mint	GL2	occ	4b?	
<i>Blephilia hirsuta</i> (Pursh) Benth.	white wood-mint	SL2	ext	2a?	
<i>Boehmeria cylindrica</i> (L.) Sw.	water hemp	SL2	wet	2a?	
<i>Brassica rapa</i> L.	field mustard	WA2	occ	6b	A
<i>Campanula americana</i> L.	tall bellflower	LB	occ?	4a	
<i>Cannabis sativa</i> L.	hemp	TA	nea?	6	A
<i>Capsella bursa-pastoris</i> (L.) Medik.	shepherd's purse	WA1	fre	6b	A
<i>Cardamine concatenata</i> (Michx.) Sw.	cut-leaf toothwort	DE2	fre	2b	

<i>Cardamine diphylla</i> (<i>Michx.</i>) Wood	broad-leaved toothwort	DE2	rar	1a	
<i>Cardamine douglassii</i> Britt.	limestone bittercress	DE1	fre	2b?	
<i>Cardamine hirsuta</i> L.	common bittercress	WA1	occ?	6b	AA
<i>Cardamine pensylvanica</i> Muhl. ex Willd.	smooth bittercress	WA1	ext	6b	
<i>Cerastium glomeratum</i> Thuill.	sticky mouse-ear chickweed	WA1	fre; loc abu?	6b	A
<i>Cerastium nutans</i> Raf.	nodding mouse-ear chickweed	WA2	ext	4a?	
<i>Cerastium vulgare</i> Hartman	common mouse- ear chickweed	SE2	occ?	6b	A
<i>Chaerophyllum</i> <i>procumbens</i> (L.) Crantz	smooth wild chervil	WA2	com; loc abu	2a	
<i>Chenopodium album</i> L.	common goosefoot	TA	com	6a	A
<i>Chenopodium</i> <i>ambrosioides</i> L.	Mexican tea	LB?	occ?	6c	A

<i>Circaea canadensis</i> (L.) Hill	enchanter's nightshade	SL1	occ	2a	
<i>Claytonia virginica</i> L.	common spring- beauty	DE1	fre	2b?	
<i>Collinsia verna</i> Nutt.	blue-eyed-Mary	WA2	ext	2b?	
<i>Conium maculatum</i> L.	poison hemlock	EB2	abu; loc dom	3c	AAA
<i>Convolvulus fraterniflorus</i> (Mackenzie & Bush) Mackenzie & Bush	angle-leaved bindweed	V4	loc abu	4b?	
<i>Corydalis flavula</i> (Raf.) DC.	yellow fumewort	WA1	fre	2c	
<i>Cryptotaenia canadensis</i> (L.) DC.	honestwort	LL1?	occ?	2a?	
<i>Cuphea viscosissima</i> Jacq.	blue waxweed	SA2	ext	6c?	
<i>Cuscuta campestris</i> Yuncker	old field dodder	V5P	ext	5b?	
<i>Cuscuta pentagona</i> Engelm.	five-angled dodder	V5P	occ?	6b?	

<i>Cynanchum laeve</i> (Michx.) <i>Pers.</i>	honey-vine	V4	occ?	4b	
<i>Datura stramonium</i> L.	jimsonweed	TA	occ	6c	
<i>Daucus carota</i> L.	wild carrot	EB2	fre	5c	AA
<i>Delphinium tricorne</i> <i>Michx.</i>	wood larkspur	DE2	ext	1b?	
<i>Dianthus armeria</i> L.	Deptford pink	EB1	fre	5b?	A
<i>Dicentra canadensis</i> (Goldie) Walp.	squirrel corn	DE2	rar	1c	
<i>Dicentra cucullaria</i> (L.) <i>Bernh.</i>	dutchman's breeches	DE2	rar	1c	
<i>Draba verna</i> L.	weed draba	WA1	com	6c	A
<i>Duchesnea indica</i> (Andr.) <i>Focke</i>	false strawberry	SE2	com	3b?	AAA
<i>Enemion biternatum</i> Raf.	deep-lobed rue anemone	DE2	ext	1b?	

<i>Epilobium coloratum</i> <i>Biehler</i>	eastern willowherb	GL1	ext	4b?	
<i>Erigenia bulbosa</i> (Michx.) <i>Nutt.</i>	harbinger-of-spring	DE1	loc fre	1b?	
<i>Euphorbia commutata</i> <i>Engelm.</i>	wood spurge	DE2	occ	2c?	
<i>Euphorbia dentata</i> Michx.	toothed spurge	MA	rar	6c?	A
<i>Euphorbia maculata</i> L.	common milk- purslane	SA1	ext	6c	
<i>Euphorbia nutans</i> Lag.	greater milk- purslane	MA	rar	6c	
<i>Fragaria virginiana</i> <i>Duchesne</i>	wild strawberry	SE2	rar	5c?	
<i>Galium aparine</i> L.	cleaving bedstraw	WA2	com; loc abu	3b?	M?
<i>Galium pedemontanum</i> (<i>Bellardi</i>) All.	piedmont bedstraw	WA2	pre??	5b?	A
<i>Galium triflorum</i> Michx.	moist wood bedstraw	SE1?	rar	2b?	

<i>Gaura biennis</i> L.	lowland gaura	LB	ext	5a?	
<i>Geranium carolinianum</i> L.	field geranium	MA	rar?	6b?	
<i>Geranium maculatum</i> L.	wood geranium	SE1	rar?	2b?	
<i>Geum canadense</i> Jacq.	white avens	RE3	com	4b?	
<i>Geum vernum</i> (Raf.) Torr. & Gray	spring avens	RE3	occ; loc com	3b?	
<i>Glechoma hederacea</i> L.	gill-over-the-ground	SE2	fre	3c	AAA
<i>Gratiola neglecta</i> Torr.	common pond-hyssop	SA1	ext	6b	
<i>Hackelia virginiana</i> (L.) I.M. Johnston	beggars-lice	LB	ext	4c?	
<i>Hibiscus moscheutos</i> L.	broad-leaved rosemallow	TL1	wet	4b?	
<i>Holosteum umbellatum</i> L.	jagged chickweed	H	nea?	6	A

<i>Houstonia lanceolata</i> (Poir.) Britt.	lance-leaved bluets	SE1?	ext	4b?	
<i>Humulus japonicus</i> Sieb. & Zucc.	Japanese hops	V5	occ	4c	AA
<i>Hydrastis canadensis</i> L.	goldenseal	DE2	ext	1c?	
<i>Hydrophyllum</i> <i>appendiculatum</i> Michx.	blue waterleaf	EB2	ext	1a?	
<i>Hydrophyllum</i> <i>macrophyllum</i> Nutt.	upland waterleaf	RE2	ext	1a?	
<i>Hypericum perforatum</i> L.	weedy St. John's- wort	GL1	occ	5b	A
<i>Hypericum punctatum</i> Lam.	common St. Johnswort	GL1	rar	5b	
<i>Impatiens capensis</i> Meerb.	orange jewelweed	TA	loc abu	4a+	
<i>Impatiens pallida</i> Nutt.	yellow jewelweed	TA	ext	1a	
<i>Iodanthus pinnatifidus</i> (Michx.) Steud.	purple-rocket	SE1?	loc fre	2b?	

<i>Ipomoea hederacea</i> Jacq.	ivy-leaved morning-glory	V5	com	6b	S
<i>Ipomoea lacunosa</i> L.	lesser morning-glory	V5	com	6b	
<i>Ipomoea purpurea</i> (L.) Roth	garden morning-glory	V5	rar?	6b	A
<i>Jeffersonia diphylla</i> (L.) Pers.	twinleaf	DE1	ext	1b?	
<i>Justicia americana</i> (L.) Vahl	water-willow	GL3	wet	6b	
<i>Lamium amplexicaule</i> L.	dryland henbit	WA1	pre??	6b?	A
<i>Lamium purpureum</i> L.	common henbit	WA2	fre; loc dom	3b	AAA
<i>Laportea canadensis</i> (L.) Weddell	wood nettle	SL2	ext	1a	
<i>Leonurus cardiaca</i> L.	motherwort	SE3?	occ	4c?	A
<i>Lepidium campestre</i> (L.) Ait. f.	old-field pepperweed	WA2	com	6c?	A

<i>Lepidium virginicum</i> L.	common pepperweed	WA2	com; loc abu	6c?	
<i>Lesquerella globosa</i> Desv.	bladder-pod	EB1	ext	4b?	
<i>Leucospora multifida</i> (Michx.) Nutt.	shore-hyssop	SA2	ext	6c?	
<i>Lindernia dubia</i> (L.) Pennell	pond-pimpernel	SA1	wet	6b	
<i>Lobelia inflata</i> L.	common lobelia	MA	rar?	3c	
<i>Lobelia siphilitica</i> L.	great blue lobelia	LB?	occ	5c?	
<i>Ludwigia peploides</i> (Kunth) Raven	floating water-primrose	GL3	occ	6a?	
<i>Lysimachia nummularia</i> L.	creeping loosestrife	SE2	occ	6b	A
<i>Malva neglecta</i> Wallr.	common mallow	EB1?	nea	6	A
<i>Mentha spicata</i> L.	spearmint	GL3	occ?	5c	A

<i>Mertensia virginica</i> (L.) <i>Pers. ex Link</i>	bluebells	DE1	ext	1a?	
<i>Mimulus alatus</i> Ait.	petioled monkeyflower	GL2?	occ	4b?	
<i>Mollugo verticillata</i> L.	carpetweed	SA1	occ?	6c	A
<i>Monarda fistulosa</i> L.	common bergamot	GL2	ext	4b?	
<i>Monarda serotina</i> sp. nov. (<i>clinopodia-fistulosa</i> <i>intermediate</i>)	lowland bergamot	SL2	ext	2a?	
<i>Myosotis macrosperma</i> Engelm.	wood forget-me- not	WA2	occ	2b?	
<i>Myriophyllum spicatum</i> Komarov	European water- milfoil	AQ4	nea	6b?	AA
<i>Oenothera biennis</i> L.	common evening- primrose	LB	rar?	6a?	
<i>Onosmodium</i> <i>hispidissimum</i> Mackenzie	gromwell	GL1	ext	5c	
<i>Opuntia humifusa</i> (Raf.) Raf.	prickly pear	ST3?	ext	5c	

<i>Osmorhiza claytonii</i> (Michx.) C.B. Clarke	hairy cicely	LL1	rar	2a?	
<i>Osmorhiza longistylis</i> (Torr.) DC.	smooth cicely	LL1	rar?	3a?	
<i>Oxalis dillenii</i> Jacq.	lesser yellow sorrel	SE1	occ	3b?	
<i>Oxalis stricta</i> L.	greater yellow sorrel	SE2	occ	6b?	A
<i>Parietaria pensylvanica</i> Muhl. ex Willd.	pellitory	SA2	ext	4a	
<i>Passiflora lutea</i> L.	yellow passionflower	V4	ext	3a?	
<i>Pastinaca sativa</i> L.	wild parsnip	EB2	occ; loc abu	5c?	AA
<i>Penstemon cf. calycosus</i> Small	felty open beardtongue [may intergrade with digitalis]	GL1	ext	4a?	
<i>Penstemon digitalis</i> Nutt. ex Sims	smooth open penstemon	GL1	rar	4a?	

<i>Phacelia purshii</i> Buckl.	blue/Miami mist	WA2	com; loc abu	3b?	
<i>Phlox divaricata</i> L. var. <i>divaricata</i>	eastern wood phlox	SE1	ext	1a?	
<i>Phlox paniculata</i> L.	summer phlox	TL1	occ	2a?	L
<i>Phryma leptostachya</i> L.	lopseed	SL1	fre	2b?	
<i>Phyla lanceolata</i> (Michx.) Greene	fogfruit	SE2	wet	6b	
<i>Physalis heterophylla</i> Nees	clammy groundcherry	GL2	com	5c?	
<i>Physalis subglabrata</i> Mackenzie & Bush	smooth groundcherry	GL2	com	5c?	
<i>Phytolacca americana</i> L.	pokeweed	TL1	com; loc abu	3c?	
<i>Pilea pumila</i> (L.) Gray	clearweed	MA	fre; loc abu	2a?	
<i>Plantago lanceolata</i> L.	English plantain	RE3	fre	5b?	AA

<i>Plantago rugelii</i> Dcne.	broad-leaf plantain	RE3	fre	4b?	
<i>Plantago virginica</i> L.	hoary plantain	WA1?	occ; loc com	6c	
<i>Podophyllum peltatum</i> L.	mayapple	DE2	fre; loc abu	2c	
<i>Polemonium reptans</i> L.	Jacob's-ladder	SE1	ext	1a?	
<i>Polygala latifolia</i> (Torr. & Gray) new comb.	greater milkwort	SE1	ext	2a?	
<i>Polygonum aviculare</i> L.	lowly knotweed	SA1	loc com	6c	A
<i>Polygonum convolvulus</i> L.	binding buckwheat	V5	occ?	4b?	A
<i>Polygonum cristatum</i> Engelm. & Gray	upland climbing buckwheat	V5	occ	4b?	
<i>Polygonum cuspidatum</i> Sieb. & Zucc.	spreading garden knotweed	TL2	rar	4b?	AA
<i>Polygonum erectum</i> L.	upright knotweed	MA	occ; loc abu	6b	

<i>Polygonum lapathifolium</i> L.	greater nodding smartweed	MA	occ?	6b	
<i>Polygonum longisetum</i> de Bruyn	Asian pink smartweed	MA	com; loc abu	3b?	AA
<i>Polygonum pensylvanicum</i> L.	greater pink smartweed	MA	occ	6b?	
<i>Polygonum persicaria</i> L.	European pink smartweed	MA	com	6c?	A
<i>Polygonum punctatum</i> Ell.	common white smartweed	MA	com; loc abu	3b?	
<i>Polygonum scandens</i> L.	lowland climbing buckwheat	V5	ext	4b?	
<i>Polygonum virginianum</i> L.	wood knotweed	SL2	fre	2b?	
<i>Portulaca oleracea</i> L.	purslane	SA1	occ	6b	A
<i>Potentilla recta</i> L.	sulphur cinquefoil	GL1	occ	5b?	A
<i>Potentilla reptans</i> L.	English creeping cinquefoil		rar	6b	A

<i>Prunella lanceolata</i> W. <i>Bart.</i>	lance-leaved selfheal	SE2	occ	6b	
<i>Ranunculus abortivus</i> L.	smooth little- buttercup	DE1?	fre?	3c?	
<i>Ranunculus hispidus</i> <i>Michx.</i>	common wood- buttercup	SE2?	ext	2b?	
<i>Ranunculus micranthus</i> <i>Nutt.</i>	hairy little- buttercup	DE1?	occ?	2c	
<i>Ranunculus recurvatus</i> <i>Poir.</i>	lobed wood- buttercup	SE1	ext	4b?	
<i>Rorippa palustris</i> (L.) <i>Bess.</i>	tall yellow-cress	WA2?	wet	6c?	
<i>Ruellia strepens</i> L.	lowland petunia	SL1	com; loc abu	4b?	
<i>Rumex acetosella</i> L.	sheep sorrel	SE3	occ	6b	A
<i>Rumex altissimus</i> Wood	stream dock	GL1?	ext	5b	
<i>Rumex crispus</i> L.	curlyleaf dock	RE3	occ	6b	A

<i>Rumex obtusifolius</i> L.	broadleaf dock	RE3	com	6b	A
<i>Salvia lyrata</i> L.	lyreleaf sage	RE3	rar	4b?	
<i>Samolus parviflorus</i> Raf.	water-pimpernel	RE2?	occ	4b?	
<i>Sanguinaria canadensis</i> L.	bloodroot	DE1	ext	1c	
<i>Sanicula canadensis</i> L.	common sanicle	EB2?	fre	3b?	
<i>Sanicula odorata</i> (Raf.) K.M. Pryer & L.R. Phillippe	walnut-wood sanicle	SE1?	nea?	2b?	
<i>Sanicula trifoliata</i> Bickn.	tulip-wood sanicle	EB2?	ext	1b?	
<i>Scrophularia marilandica</i> L.	figwort	TL1	nea?	3b?	
<i>Scutellaria incana</i> Biehler	tall wood skullcap	SL2	ext	3b?	
<i>Scutellaria lateriflora</i> L.	mad-dog skullcap	GL2	wet	4c?	

<i>Scutellaria nervosa Pursh</i>	small wood skullcap	SE2	ext	2c?	
<i>Sedum ternatum Michx.</i>	wood stonecrop	SE1	rar	1b?	
<i>Sicyos angulatus L.</i>	burr cucumber	V5	ext	3a?	
<i>Sida spinosa L.</i>	prickly mallow	SA2	occ?	6c?	A
<i>Silene stellata (L.) Ait. f.</i>	starry campion	GL1	ext	2a?	
<i>Sisymbrium officinale (L.) Scop.</i>	hedge-mustard	WA2?	occ; loc abu	6c?	A
<i>Solanum carolinense L.</i>	horse-nettle	GL2	com	5c	
<i>Solanum ptychanthum Dunal</i>	wild nightshade	MA	occ; loc fre	6c	
<i>Stellaria corei Shinnars</i>	greater wood-chickweed	SE1	ext	1a?	
<i>Stellaria media (L.) Vill.</i>	common chickweed	WA1	com; loc abu	3b	AAA

<i>Teucrium canadense</i> L.	germander	GL2	occ	4b	
<i>Thalictrum dioicum</i> L.	early wood-rue	DE2	ext	1b?	
<i>Thalictrum thalictroides</i> (L.) Eames & Boivin	rue-anemone	DE1	ext	2b?	
<i>Thlaspi alliaceum</i> L.	yellow pennycress	WA2	loc abu	6c	AA
<i>Thlaspi arvense</i> L.	greater pennycress	WA2	pre??	6b	A
<i>Thlaspi perfoliatum</i> L.	lesser pennycress	WA2	pre??	6b	A
<i>Torilis arvensis</i> (Huds.) Link	hedge-parsley	MA	occ	6c	A
<i>Urtica chamaedryoides</i> Pursh	southern nettle	WA2	rar	2b?	
<i>Valerianella radiata</i> (L.) Dufr.	southern cornsalad	WA2	occ; loc abu	3a?	
<i>Verbascum blattaria</i> L.	moth mullein	LB	occ	6b	A

<i>Verbascum thapsus L.</i>	common mullein	LB	occ	6c	A
<i>Verbena urticifolia L.</i>	white vervain	LB?	fre	4b?	
<i>Veronica agrestis L.</i>	reclining speedwell	WA2	occ?	4b?	A
<i>Veronica arvensis L.</i>	hairy sessile speedwell	SA2	occ; loc abu	6b?	AA
<i>Veronica hederifolia L.</i>	ivyleaf speedwell	WA1	pre??	3b?	AA
<i>Veronica peregrina L.</i>	smooth sessile speedwell	SA2	occ; loc abu	6b	
<i>Veronica serpyllifolia L.</i>	lesser creeping speedwell	SE2	rar?	6b?	A
<i>Viola bicolor Pursh</i>	common field- pansy	WA2?	ext	6b?	
<i>Viola papilionacea Pursh</i> <i>p.p.</i>	common blue- violet	DE1	com; loc abu	3a?	
<i>Viola pubescens Ait.</i>	downy yellow stemmed-violet	SE1	ext	1a	

<i>Viola sororia</i> Willd.	hairy blue-violet	DE1?	ext	1a?	
<i>Viola striata</i> Ait.	creamy spreading-violet	SE2	occ; loc com?	3b?	
<i>Zizia aurea</i> (L.) W.D.J. Koch	lowland alexanders	LL1	rar	4b?	
HERBS: LEGUMES (Fabaceae)					
<i>Amphicarphaea bracteata</i> (L.) Fern.	common hogpeanut	V5	ext	4a	
<i>Cassia marilandica</i> L.	upland senna	TL1	occ	4a?	
<i>Coronilla varia</i> L.	crown-vetch	SE3	occ; loc abu	5a	AAA
<i>Desmanthus illinoensis</i> (Michx.) MacM. ex B.L. Robins. & Fern.	prairie mimosa	TL1	ext	4a?	
<i>Desmodium paniculatum</i> (L.) DC.	narrow-leaved tick-trefoil	GL1	ext	3a?	

<i>Desmodium pauciflorum</i> (Nutt.) DC.	pale wood tick- trefoil	SL1	ext	2a?	
<i>Desmodium perplexum</i> Schub.	hairy field tick- trefoil	GL1	com	5a	
<i>Lespedeza striata</i> (Thunb.) Hook. & Arn.	Japanese clover	SA2	occ; loc com	6b?	AA
<i>Medicago sativa</i> L.	alfalfa	GL1	loc abu	5a	A
<i>Melilotus alba</i> Medikus	white sweetclover	LB?	occ?	5a	AA
<i>Melilotus officinalis</i> (L.) Lam.	yellow sweetclover	LB?	occ?	5a	AA
<i>Psoralea orbexilum</i> Torr. & Gray	broad-leaved scurf pea	TL2?	ext	4a?	
<i>Trifolium campestre</i> Schreb.	yellow clover	MA	fre	5b	A
<i>Trifolium pratense</i> L.	red clover	GL1	com	5a?	AA
<i>Trifolium repens</i> L.	white clover	SE2	com	5b	AAA

<i>Trifolium stoloniferum</i> <i>Muhl. Ex Eat.</i>	running buffalo clover	SE2	rar	2b?	
<i>Vicia dasycarpa</i> Tenore	smooth winter- vetch	V5	nea?	4a?	A
<i>Vicia villosa</i> Roth	hairy winter-vetch	V5	occ?	4a?	A
HERBS: COMPOSITES (Asteraceae)					
<i>Achillea millefolium</i> L.	yarrow	SE3	fre	5c	AA
<i>Ambrosia artemisiifolia</i> L.	common ragweed	MA	com; loc abu	6b	
<i>Ambrosia trifida</i> L.	giant ragweed	TA	com; loc abu	6b	
<i>Anthemis cotula</i> L.	stinking chamomile	MA	occ	6c	A
<i>Arctium minus</i> Bernh.	burdock	LB	occ	6b	A

<i>Artemisia annua</i> L.	fine-leaved wormwood	MA	occ?	6c	A
<i>Aster cordifolius</i> L.	common wood- blue-aster	SL3	ext	1a	
<i>Aster lanceolatus</i> Willd.	swamp little-white- aster	GL2	occ	2a?	
<i>Aster lateriflorus</i> (L.) Britt.	purplish little- white-aster	GL2	rar?	3a?	
<i>Aster novae-angliae</i> L.	tall purple-aster	TL1	rar	5a	
<i>Aster ontarionis</i> Wieg.	soft little-white- aster	GL2	fre	3b?	
<i>Aster pilosus</i> Willd.	old-field little- white-aster	GL2	loc abu	5b	
<i>Aster prenanthoides</i> Muhl. <i>ex</i> Willd.	streamside blue- aster	SL2	loc com	2a?	
<i>Aster shortii</i> Lindl.	lime wood-blue- aster	SL3	ext	2a?	
<i>Bidens bipinnata</i> L.	upland bur- marigold	MA	rar	6b	

<i>Bidens cernua</i> L.	connate bur-marigold	TA	wet	6b	
<i>Bidens frondosa</i> L.	small discoid bur-marigold	MA	occ	6b	
<i>Bidens polylepis</i> Blake	larger common bur-marigold	TA	rar	6b	
<i>Brickellia eupatorioides</i> (L.) Shinnery	alternate boneset	GL1	ext	5b	
<i>Carduus acanthoides</i> L.	lesser plumeless thistle	LB	com	5c	AA
<i>Carduus nutans</i> L.	nodding plumeless thistle	LB	fre	6c	AA
<i>Chrysanthemum leucanthemum</i> L.	oxeye daisy	SE3	occ; loc abu	5b	A
<i>Cichorium intybus</i> L.	chicory	RE3	abu	6b	AA
<i>Cirsium arvense</i> (L.) Scop.	creeping thistle	TL2	occ; loc com	5c	AAA
<i>Cirsium discolor</i> (Muhl. ex Willd.) Spreng.	old-field thistle	LB	occ	4c	

<i>Cirsium vulgare</i> (Savi) <i>Ten.</i>	bull thistle	LB	occ	6c	A
<i>Dipsacus sylvestris</i> Huds.	teasel	LB	rar	6c?	AA
<i>Eclipta prostrata</i> (L.) L.	false daisy	MA	wet	6b	
<i>Elephantopus carolinianus</i> <i>Raeusch.</i>	common elephant's-foot	GL1	loc fre	3b?	
<i>Erechtites hieracifolia</i> (L.) <i>Raf. ex DC.</i>	fireweed	TA	ext	4b?	
<i>Erigeron annuus</i> (L.) Pers.	common daisy- fleabane	MA	com; loc abu	5b?	
<i>Erigeron canadensis</i> L.	common horseweed	TA	fre; loc abu	6b	
<i>Erigeron philadelphicus</i> L.	early daisy- fleabane	EB2	com	4b?	
<i>Erigeron strigosus</i> Muhl. <i>ex Willd.</i>	western daisy- fleabane	MA	occ?	5b?	
<i>Eupatorium altissimum</i> L.	lime boneset	GL2	ext	5b?	

<i>Eupatorium coelestinum</i> L.	blue mistflower	SL2	occ	4b?	
<i>Eupatorium perfoliatum</i> L.	marsh boneset	TL1	rar?	5b?	
<i>Eupatorium rugosum</i> Houtt.	common snakeroot	SL2	occ; loc fre	2b?	
<i>Gnaphalium obtusifolium</i> L.	common everlasting	MA?	ext	5b?	
<i>Helenium autumnale</i> L.	broad-leaved sneezeweed	GL1	ext	5b	
<i>Helianthus annuus</i> L.	annual sunflower	TA	rar	6a?	
<i>Helianthus grosseserratus</i> Martens	western giant sunflower	TL2	ext	5a?	
<i>Helianthus tuberosus</i> L.	tuberous sunflower	TL2	occ	4a	
<i>Heliopsis helianthoides</i> (L.) Sweet	oxeye-sunflower	TL1	occ	4b	
<i>Lactuca biennis</i> (Moench) Fern.	tall blue lettuce	LB	occ	4a?	

<i>Lactuca canadensis</i> L.	common wild lettuce	LB	occ?	6a?	
<i>Lactuca floridana</i> (L.) Gaertn.	common blue lettuce	LB	ext	3a?	
<i>Lactuca serriola</i> L.	prickly lettuce	LB	pre??	6c	A
<i>Matricaria discoidea</i> DC.	false chamomile	MA	occ; loc abu	6c	A
<i>Polymnia uvedalia</i> (L.) L.	yellow wood-rosinweed	TL1	ext	1b?	
<i>Prenanthes altissima</i> L.	common wood-lettuce	SL3?	ext	1a?	
<i>Prenanthes crepidinea</i> Michx.	giant wood-lettuce	TL1	ext	3a?	
<i>Ratibida pinnata</i> (Vent.) Barnh.	prairie coneflower	GL2?	ext	5b?	
<i>Rudbeckia hirta</i> L. var. <i>pulcherrima</i> Farw.	common blackeyed Susan	LB	occ	5b	
<i>Rudbeckia laciniata</i> L.	cutleaf coneflower	LL2?	ext	3b?	

<i>Rudbeckia triloba</i> L.	lobed coneflower	LB	rar?	4b?	
<i>Senecio aureus</i> L.	golden ragwort	SE1	ext	3b?	
<i>Senecio obovatus</i> Muhl. ex Willd.	wood ragwort	SE1	ext	2b?	
<i>Silphium perfoliatum</i> L.	cupleaf rosinweed	TL2	ext	4a?	
<i>Silphium trifoliatum</i> L.	whorled rosinweed	GL1	ext	4a?	
<i>Solidago altissima</i> L.	old-field goldenrod	TL2	com; loc dom	5b	
<i>Solidago flexicaulis</i> L.	common zig-zag goldenrod	SL2	ext	1b?	
<i>Solidago gigantea</i> Ait.	lowland goldenrod	TL2	rar	4b	
<i>Solidago ulmifolia</i> Muhl. ex Willd.	lime-wood/elmleaf goldenrod	SL3	ext	2b?	
<i>Sonchus asper</i> (L.) Hill	spiny sowthistle	MA	rar	6c	A

<i>Sonchus oleraceus</i> L.	common sowthistle	MA	pre??	6c	A
<i>Taraxacum officinale</i> G.H. <i>Weber ex Wiggers</i>	common dandelion	RE3	occ?	6b	A
<i>Verbesina alternifolia</i> (L.) <i>Britt. ex Kearney</i>	lowland wingstem	TL1?	com; loc dom	4b	
<i>Verbesina occidentalis</i> (L.) <i>Walt.</i>	eastern wingstem	TL1?	rar?	4c	
<i>Vernonia gigantea</i> (Walt.) <i>Trel.</i>	common ironweed	TL1?	com; loc dom	5c	
<i>Xanthium strumarium</i> L. <i>var. glabratum</i> (DC.) <i>Cronq.</i>	smooth cockleburr	MA	com; loc dom	6c?	
HERBS: MONOCOTS (non-Cyperaceae / Poaceae)					
<i>Acorus calamus</i> L.	sweet flag	TRG1	nea	5c	M?
<i>Alisma subcordatum</i> Raf.	water plantain	AQ2	wet	6a	

<i>Allium canadense</i> L.	wild onion	DE1	ext	2a	
<i>Allium vineale</i> L.	weed onion	MTG1	occ	5b	AA
<i>Aplectrum hyemale</i> (Muhl. ex Willd.) Torr.	puttyroot orchid	RE2M	ext	2a?	
<i>Arisaema dracontium</i> (L.) Schott	green dragon	LL1?	rar	3b	
<i>Arisaema triphyllum</i> (L.) Schott	jack-in-the-pulpit	DE2	rar	1b	
<i>Belamcanda chinensis</i> (L.) DC.	blackberry lily	MRG?	nea?	4	A
<i>Camassia scilloides</i> (Raf.) Cory	wild hyacinth	DE1	occ; loc abu	1a	
<i>Commelina communis</i> L.	common dayflower	MA	occ	4a?	A
<i>Dioscorea oppositifolia</i> L.	air-potato yam	V4	rar?	5a?	A
<i>Erythronium albidum</i> Nutt.	white trout-lily	DE1	occ	1b?	

<i>Erythronium americanum</i> <i>Ker-Gawl.</i>	yellow trout-lily	DE1	rar	1b?	
<i>Galearis spectabilis</i> (L.) <i>Raf.</i>	showy orchid	RE2M	ext	1a?	
<i>Juncus dudleyi</i> Wieg.	greater path-rush	STG1	ext	5c?	
<i>Juncus tenuis</i> Willd.	common path-rush	STG1	fre	3c	
<i>Lemna minor</i> L.	common duckweed	AQ5	loc fre	6a?	
<i>Lilium michiganense</i> <i>Farw.</i>	western lily	TL1	ext	3a?	
<i>Liparis liliifolia</i> (L.) L.C. <i>Rich. ex Ker-Gawl.</i>	lily-leaved twayblade	RE2M	ext	2a?	
<i>Maianthemum racemosum</i> (L.) Link	false solomon's- seal	DL	ext	1a?	
<i>Ornithogalum umbellatum</i> L.	star-of-Bethlehem	DE1	rar?	3c?	AA
<i>Polygonatum biflorum</i> (Walt.) Ell.	common Solomon's seal	DL	rar	2a?	

<i>Polygonatum commutatum</i> (J.A. & J.H. Schultes) A. Dietr.	greater Solomon's seal	DL	ext	3a?	
<i>Sagittaria latifolia</i> Willd.	common arrowhead	AQ2	ext	6a?	
<i>Sisyrinchium angustifolium</i> P. Mill.	common blue-eyed grass	STG1	occ?	6c?	
<i>Smilax herbacea</i> L.	smooth carrionflower	V4	ext	3a?	
<i>Spiranthes gracilis</i> (Bigelow) Beck	southern little ladies'-tresses	RE3M	rar	5b	
<i>Spiranthes ovalis</i> Lindl.	wood ladies'- tresses	RE2M	ext	3b?	
<i>Spiranthes vernalis</i> Engelm. & Gray	early ladies'-tresses	RE3M	rar	5b	
<i>Spirodela polyrhiza</i> (L.) Schleiden	greater duckweed	AQ5	wet	6a?	
<i>Trillium sessile</i> L.	small sessile- trillium	DE2	occ; loc com	2a?	
<i>Typha latifolia</i> L.	broad cattail	TRG1	occ	5b?	

<i>Zannichellia palustris</i> L.	hornwort	AQ4	wet	6b?	
HERBS: Cyperaceae					
<i>Carex aggregata</i> Mackenz.	rich meadow spike-sedge	MTG2	occ?	5b	
<i>Carex annectens</i> (Bickn.) Bickn.	dryland fine-fox-sedge	MTG2	occ	5b	
<i>Carex blanda</i> Dewey	weedy lax-sedge	STG1	com	3b+	
<i>Carex cf. cephaloloidea</i> (Dewey) Dewey	headed fox-sedge	STG1	occ??	2a?	
<i>Carex communis</i> Bailey	larger tufted fine-sedge	STG1	ext	1b?	
<i>Carex conjuncta</i> Boott	lime fox-sedge	MTG2	loc fre	5b	
<i>Carex davisii</i> Schwein. & Torr.	rich-wood graceful-sedge	MTG2	loc abu	4b	

<i>Carex frankii</i> Kunth	scaly head-sedge	MRG1	occ	5b	
<i>Carex granularis</i> Muhl. ex Willd.	tufted lime-sedge	STG1	occ	5b	
<i>Carex grisea</i> Wahlenb.	brownish wrinkled-sedge	STG1	loc abu	2b?	
<i>Carex hirtifolia</i> Mackenzie	hairy richwood sedge	STG1	ext	1b?	
<i>Carex jamesii</i> Schwein.	rich-wood tufted-sedge	STG1	loc abu	1b?	
<i>Carex laxiflora</i> Lam.	common lax-sedge	STG1	ext	1b?	
<i>Carex leavenworthii</i> Dewey	broad headed spike-sedge	STG1	loc fre	5b?	
<i>Carex mesochorea</i> Mackenzie	western headed spike-sedge	STG1	occ?	5b	
<i>Carex molesta</i> Mackenzie ex Bright	lime scale-sedge	MTG2	fre; loc abu	5b	
<i>Carex normalis</i> Mackenzie	rich-wood scale-sedge	MTG2	occ?	3b?	

<i>Carex oligocarpa Schkuhr ex Willd.</i>	lesser wrinkled-sedge	STG1	com; loc abu	2b?	
<i>Carex rosea Schkuhr ex Willd.</i>	moist-woods little-spike-sedge	STG1	fre	2b?	
<i>Carex shortiana Dewey</i>	lime-swale-sedge	MTG2	loc fre	4b?	
<i>Carex sparganioides Muhl. ex Willd.</i>	rich-woods spike-sedge	MTG2	occ; loc fre	3b?	
<i>Carex texensis (Torr.) Bailey</i>	field spike-sedge	STG1	occ?	5b	
<i>Carex vulpinoidea Michx.</i>	fine-fox-sedge	MTG2	occ	5b	
<i>Cyperus erythrorhizos Muhl.</i>	redroot flatsedge	EAG2	occ	5b?	
<i>Cyperus esculentus L.</i>	chufa flatsedge	SRG2	ext	5b?	S
<i>Cyperus odoratus L.</i>	fragrant flatsedge	EAG2	ext	5b?	
<i>Cyperus squarrosus L.</i>	bearded flatsedge	EAG2	wet	6b?	

<i>Cyperus strigosus</i> L.	common flatsedge	SRG2	fre	6b?	
<i>Eleocharis obtusa</i> (Willd.) J.A. Schultes	common spike-rush	EAG2	wet	6b	
<i>Scirpus atrovirens</i> Willd.	pale marsh bulrush	TRG1	rar	5b	
<i>Scirpus tabernaemontani</i> K.C. Gmel.	tall softstem bulrush	TRG1	ext	5b	
HERBS: Poaceae					
<i>Agrostis gigantea</i> Roth	redtop grass	RTG1?	occ	6a	A
<i>Andropogon virginicus</i> L.	common broomsedge	TTG2	occ	5b	
<i>Arthraxon hispidus</i> (Thunb.) Makino	asian shore-grass	EAG2	rar	3b?	AA
<i>Bromus inermis</i> Leyss.	creeping brome- grass	MRG1	occ	5a	AAA

<i>Bromus japonicus</i> Thunb. <i>ex</i> Murr.	Japanese cheat- grass	EAG1	occ?	6a	AA
<i>Bromus pubescens</i> Muhl. <i>ex</i> Willd.	eastern brome- grass	WG1	ext	2a?	
<i>Bromus racemosus</i> L.	common cheat- grass	EAG1	occ; loc com	6a	A
<i>Chasmanthium latifolium</i> (Michx.) Yates	common wood- oats	WG1	ext	4a?	
<i>Dactylis glomerata</i> L.	orchardgrass	RTG1	loc abu	5a	AA
<i>Digitaria ischaemum</i> (Schreb.) Schreb. <i>ex</i> Muhl.	smooth crabgrass	CAG2	occ	6b	A
<i>Digitaria sanguinalis</i> (L.) Scop.	hairy crabgrass	CAG2	loc fre	6b	A
<i>Echinochloa crus-galli</i> (L.) Beauv.	barnyard puddle- grass	EAG2	fre	6a?	A
<i>Echinochloa muricata</i> (Beauv.) Fern.	bristly puddle- grass	TAG2	wet	6a?	
<i>Eleusine indica</i> (L.) Gaertn.	goose-grass	SRG2	occ	6c	A

<i>Elymus macgregorii</i> J. Camp. & R. Brooks	early wild-rye	WG1	fre; loc dom	2a	
<i>Elymus repens</i> (L.) Gould	quack-grass	MRG1	loc dom	5a	AAA
<i>Elymus villosus</i> Muhl. ex Willd.	upland nodding wild-rye	WG1	abu; loc dom	2b?	
<i>Elymus virginicus</i> L. var. <i>virginicus</i>	smooth common wild-rye	WG1	fre; loc abu	3a?	
<i>Eragrostis pectinacea</i> (Michx.) Nees ex Steud.	common love-grass	CAG2?	occ	6b	
<i>Eragrostis spectabilis</i> (Pursh) Steud.	showy love-grass	MTG2	rar	5b?	
<i>Festuca arundinacea</i> Schreb.	tall fescue	RTG1	dom	5b	AAA
<i>Festuca subverticillata</i> (Pers.) Alexeev	wood fescue	WG2	loc com	2a	
<i>Glyceria striata</i> (Lam.) A.S. Hitchc.	common mannagrass	MRG1	occ	5a?	
<i>Hordeum pusillum</i> Nutt.	little barley	EAG1	ext	6b	W

<i>Leersia oryzoides</i> (L.) Sw.	cutleaf rice-grass	TRG1	rar; loc abu	5c	
<i>Leersia virginica</i> Willd.	common rice-grass	MRG1	com; loc abu	3c	
<i>Muhlenbergia schreberi</i> J.F. Gmel.	nimblewill	SRG2	fre; loc abu	3c	
<i>Panicum acuminatum</i> Sw. var. <i>fasciculatum</i> (Torr.) Lelong	small hairy panic- grass	WG4	rar	5b	
<i>Panicum anceps</i> Michx.	meadow fall- panicgrass	MTG2	occ; loc fre	5b	
<i>Panicum capillare</i> L.	greater witchgrass	EAG2	loc fre	6b	
<i>Panicum clandestinum</i> L.	dotted broadleaf panic-grass	TRG1?	com; loc abu	4b?	
<i>Panicum dichotomiflorum</i> Michx.	field fall- panicgrass	TAG2	occ; loc com	6b	
<i>Panicum gattingeri</i> Nash	lesser witchgrass	EAG2	ext	6b	
<i>Paspalum laeve</i> Michx.	single lens-grass	MRG2	rar	5b	

<i>Paspalum pubiflorum</i> <i>Rupr. ex Fourn. var.</i> <i>glabrum Vasey ex Scribn.</i>	decumbent lens- grass	MRG2	occ	5b	
<i>Paspalum setaceum Michx.</i> <i>var. muehlenbergii (Nash)</i> <i>D. Banks</i>	lesser lens-grass	MRG2	ext	5b	
<i>Phalaris arundinacea L.</i>	reed canary-grass	TRG1	wet	4a?	M?
<i>Phleum pratense L.</i>	timothy	RTG1	com; loc abu	5a	aaa
<i>Poa angustifolia L.</i>	narrow bluegrass	RTG1	loc dom?	5b	M?
<i>Poa annua L.</i>	common annual bluegrass	CAG1	fre; loc abu	6b	AAA
<i>Poa pratensis L.</i>	common bluegrass	RTG1	abu; loc dom	5b	AAA
<i>Poa sylvestris Gray</i>	common wood bluegrass	WG2	occ; loc abu	2a?	
<i>Poa trivialis L.</i>	lowland bluegrass	MTG1	occ; loc abu	4a?	M?

<i>Setaria faberi</i> Herrm.	giant foxtail	TAG2	com; loc dom	6b	AA
<i>Setaria parviflora</i> (Poir.) Kerguelen	perennial foxtail	MTG2	occ; loc fre	5b	S
<i>Setaria pumila</i> (Poir.) Roemer & J.A. Schultes	yellow foxtail	EAG2	fre	6b	A
<i>Setaria viridis</i> (L.) Beauv.	green foxtail	EAG2	fre	6b	A
<i>Sorghum halepense</i> (L.) Pers.	Johnson-grass	TRG2	com; loc abu	4a?	AAA
<i>Sphenopholis intermedia</i> (Rydb.) Rydb.	lowland wedge-grass	WG2	ext	3a?	
<i>Sporobolus compositus</i> (Poir.) Merr.	sheathed dropseed	MTG2	ext	5b	
<i>Sporobolus vaginiflorus</i> (Torr. ex Gray) Wood	annual poverty-grass	CAG2?	loc com	6b	
<i>Tridens flavus</i> (L.) A.S. Hitchc.	purpletop-grass	TTG2	com; loc abu	5b	