



# VASCULAR PLANTS

of the Great Smoky Mountains

**A CHECKLIST**  
for the Vascular Plants of  
Great Smoky Mountains National Park



*Provided by Great Smoky Mountains Association*

## KEY

### ABUNDANCE

- c = Common—characteristic and dominant  
f = Frequent—generally encountered  
o = Occasional—well distributed, but nowhere abundant  
i = Infrequent—scattered locales throughout park  
s = Scarce—several locales or scattered small populations  
r = Rare—1 or 2 locales, small populations  
h = Historic—documented in Park's flora, but not seen for at least 50 years  
x = Believed extirpated

### RANGE

- lo = Low elevations—850'-2,500'  
mid = Middle elevations—2,500'-4,500'  
hi = High elevations—4,500'-6,600'  
wr = Wide range of elevations  
hs = Found near old homesites

- unk = Status unknown  
\*Non-native species

## FERN AND FERN ALLIES

### ASPENIACEAE

- Asplenium montanum* **Mountain spleenwort** f, wr  
 *Asplenium pinnatifidum* **Lobed spleenwort** r, lo  
 *Asplenium platyneuron* **Ebony spleenwort** f, lo-mid  
 *Asplenium resiliens* **Black-stem spleenwort** r, lo  
 *Asplenium rhizophyllum* **Walking fern** i, lo-mid  
 *Asplenium ruta-muraria* **Wall-rue** r, lo  
 *Asplenium trichomanes* ssp. *trichomanes* **Maidenhair spleenwort** o, wr

### BLECHNACEAE

- Woodwardia areolata* **Netted chain fern** s, lo  
 *Woodwardia virginica* **Virginia chain fern** x, lo

### DENNSTAEDTIACEAE

- Dennstaedtia punctilobula* **Eastern hay-scented fern** f, wr  
 *Pteridium aquilinum* var. *latiusculum* **Northern bracken fern** f, wr  
 *Pteridium aquilinum* var. *pseudocaudatum* **Bracken fern** r, wr

### DRYOPTERIDACEAE

- Athyrium filix-femina* ssp. *asplenioides* **Southern lady fern** c, wr  
 *Cystopteris bulbifera* **Bulblet bladder fern** r, lo  
 *Cystopteris protrusa* **Lowland bladder fern** f, wr  
 *Deparia acrostichoides* **Silvery-spleenwort** f, wr  
 *Diplazium pycnocarpon* **Glade fern** s, lo-mid  
 *Dryopteris campyloptera* **Mountain wood fern** f, hi  
 *Dryopteris celsa* **Log fern** r, lo  
 *Dryopteris cristata* **Crested wood fern**, r, lo  
 *Dryopteris goldiana* **Goldie's wood fern** s, mid  
 *Dryopteris intermedia* **Evergreen wood fern** c, wr  
 *Dryopteris marginalis* **Marginal wood fern** f, lo-mid  
 *Dryopteris X separabilis* **Hybrid wood fern** r, lo  
 *Onoclea sensibilis* **Sensitive fern** s, lo  
 *Polystichum acrostichoides* **Christmas fern** c, wr  
 *Woodsia obtusa* **Blunt-lobe cliff fern** s, lo

### EQUISETACEAE

- Equisetum arvense* **Field horsetail** r, lo

### HYMENOPHYLLACEAE

- Hymenophyllum tayloriae* **Taylor's filmy fern** r, mid  
 *Trichomanes petersii* **Dwarf bristle fern** r, lo  
 *Trichomanes intricatum* **Weft fern** r, mid

### ISOETACEAE

- Isoetes valida* **True quillwort** s, lo  
 *Isoetes appalachiana* **Appalachian quillwort** r, lo

### LYCOPODIACEAE

- Huperzia appalachiana* **Appalachian club-moss** r, hi  
 *Huperzia lucidula* **Shining club-moss** f, wr  
 *Huperzia porophila* **Rock club-moss** r, lo  
 *Lycopodium annotinum* **Stiff ground-pine** h, hi  
 *Lycopodium clavatum* **Running ground-pine** o, mid-hi  
 *Lycopodium complanatum* **Trailing ground-pine** o, wr  
 *Lycopodium dendroideum* **Tree ground-pine** h, mid  
 *Lycopodium digitatum* **Fan ground-pine** o, wr  
 *Lycopodium hickeyi* **Pennsylvania ground-pine** o, lo-mid  
 *Lycopodium obscurum* **Princess-pine** o, lo-mid  
 *Lycopodium tristachyum* **Deep-root ground-pine** i, lo-mid



## LYGODIACEAE

- ☐ *Lygodium palmatum* **American climbing fern**  
s, lo-mid

## OPHIOGLOSSACEAE

- ☐ *Botrychium biternatum* **Sparse-lobed grape fern**  
i, lo-mid
- ☐ *Botrychium dissectum* **Cut-leaf grape fern** f, wr
- ☐ *Botrychium lanceolatum* var. *angustisegmentum*  
**Lance-leaf moonwort** r, lo
- ☐ *Botrychium matricariifolium* **Daisy-leaf moonwort**, r, mid
- ☐ *Botrychium oneidense* **Blunt-lobed grape fern** r,  
lo
- ☐ *Botrychium virginianum* **Rattlesnake fern** f, wr
- ☐ *Ophioglossum vulgatum* **Southern Adder's-tongue** s, lo

## OSMUNDACEAE

- ☐ *Osmunda cinnamomea* **Cinnamon fern** f, wr
- ☐ *Osmunda claytoniana* **Interrupted fern** s, wr
- ☐ *Osmunda regalis* var. *spectabilis* **Royal fern** s, lo

## POLYPODIACEAE

- ☐ *Pleopeltis polypodioides* ssp. *michauxiana*  
**Resurrection fern** i, lo
- ☐ *Polypodium appalachianum* **Appalachian polypody** f, wr

## PTERIDIACEAE

- ☐ *Adiantum pedatum* **Northern maidenhair** f, lo-mid
- ☐ *Cheilanthes alabamensis* **Alabama lip fern** r, lo
- ☐ *Cheilanthes lanosa* **Hairy lip fern** r, lo
- ☐ *Cheilanthes tomentosa* **Woolly lip fern** r, lo
- ☐ *Pellaea atropurpurea* **Purple-stem cliffbrake** s, lo

## SELAGINELLACEAE

- ☐ *Selaginella apoda* **Meadow spike-moss** s, lo-mid

## THELYPTERIDACEAE

- ☐ *Phegopteris connectilis* **Narrow beech fern** r, hi
- ☐ *Phegopteris hexagonoptera* **Broad beech fern** f,  
wr
- ☐ *Thelypteris noveboracensis* **New York fern** c, wr
- ☐ *Thelypteris palustris* var. *pubescens* **Eastern marsh fern** r, lo

## VITTARIACEAE

- ☐ *Vittaria appalachiana* **Appalachian shoestring fern** r, mid

## GYMNOSPERMS

### CUPRESSACEAE

- ☐ *\*Juniperus chinensis* **Chinese juniper** r, lo
- ☐ *Juniperus virginiana* **Eastern red-cedar** o, lo
- ☐ *\*Platycladus orientalis* **Oriental arborvitae** r, lo
- ☐ *\*Thuja occidentalis* **Eastern arborvitae** r, lo

### PINACEAE

- ☐ *Abies fraseri* **Fraser's fir** o, hi
- ☐ *\*Picea abies* **Norway spruce** r, lo & hi
- ☐ *Picea rubens* **Red spruce** c, hi
- ☐ *Pinus echinata* **Short-leaf pine** o, lo-mid
- ☐ *\*Pinus palustris* **Long-leaf pine** r, lo
- ☐ *Pinus pungens* **Table Mountain pine** o, mid
- ☐ *Pinus rigida* **Pitch pine** c, lo-mid
- ☐ *Pinus strobus* **Eastern white pine** f, lo-mid
- ☐ *\*Pinus taeda* **Loblolly pine** r, lo
- ☐ *Pinus virginiana* **Virginia pine** c, lo-mid
- ☐ *Tsuga canadensis* **Eastern hemlock** f, wr

## ANGIOSPERMS- MONOCOTYLEDONEAE

### ACORACEAE

- ☐ *\*Acorus calamus* **Single-vein sweetflag** r, hs

### AGAVACEAE

- ☐ *Yucca filamentosa* **Adam's-needle** o, lo

### ALISMACEAE

- ☐ *Alisma subcordatum* **American water-plantain** r,  
lo
- ☐ *Sagittaria latifolia* **Duck-potato** r, lo

### ARACEAE

- ☐ *Arisaema dracontium* **Greendragon** r, lo
- ☐ *Arisaema triphyllum* ssp. *quinatum* **Southern jack-in-the-pulpit** unk
- ☐ *Arisaema triphyllum* ssp. *triphyllum* **Jack-in-the-pulpit** c, wr
- ☐ *Peltandra virginica* **Green arrow-plant** h, lo

### COMMELINACEAE

- ☐ *\*Commelina communis* **Asiatic dayflower** o, lo
- ☐ *Commelina diffusa* **Climbing dayflower** o, lo
- ☐ *Commelina erecta* **White-mouth dayflower** r, lo
- ☐ *Commelina virginica* **Virginia dayflower** r, lo
- ☐ *\*Murdannia keisak* **Wart-removing-herb** i, lo
- ☐ *Tradescantia ohiensis* **Bluejacket** r, lo
- ☐ *Tradescantia subaspera* var. *montana* **Mountain**



- spiderwort f, lo-mid
- ☐ *Tradescantia subaspera* var. *subaspera* **Zigzag spiderwort** h, lo-mid
- ☐ *Tradescantia virginiana* **Virginia spiderwort** r, lo

## CYPERACEAE

- ☐ *Bulbostylis capillaris* **Dense-tuft hair sedge** r, lo
- ☐ *Carex abscondita* **Thicket sedge** r, lo
- ☐ *Carex aestivalis* **Summer sedge** f, mid-hi
- ☐ *Carex aggregata* **Glomerate sedge** r, lo
- ☐ *Carex albicans* var. *albicans* **White-tinge sedge** o, mid-hi
- ☐ *Carex albicans* var. *australis* **White-tinge sedge** r, mid
- ☐ *Carex albicans* var. *emmonsii* **White-tinge sedge** r, lo
- ☐ *Carex albolutescens* **Green-white sedge** r, lo
- ☐ *Carex albursina* **White bear sedge** r, lo
- ☐ *Carex amphibola* **Eastern narrow-leaf sedge** s, lo-mid
- ☐ *Carex annectens* **Yellow-fruit sedge** r, lo
- ☐ *Carex appalachica* **Appalachian sedge** r, wr
- ☐ *Carex atlantica* ssp. *atlantica* **Prickly bog sedge** s, lo
- ☐ *Carex atlantica* ssp. *capillacea* **Howe's sedge** r, lo
- ☐ *Carex austrocaroliniana* **Tarheel sedge** o, lo
- ☐ *Carex baileyi* **Bailey's sedge** r, lo
- ☐ *Carex biltmoreana* **Stiff sedge** r, hi
- ☐ *Carex blanda* **Eastern woodland sedge** o, lo-mid
- ☐ *Carex brevior* **Short-beak sedge** r, lo
- ☐ *Carex bromoides* ssp. *bromoides* **Brome-like sedge** f, wr
- ☐ *Carex brunnescens* ssp. *sphaerostachya* **Brownish sedge** c, hi
- ☐ *Carex caroliniana* **Carolina sedge** r, lo
- ☐ *Carex cephalophora* **Oval-leaf sedge** s, lo
- ☐ *Carex cherokeensis* **Cherokee sedge** o, lo
- ☐ *Carex communis* var. *communis* **Fibrous-root sedge** c, mid-hi
- ☐ *Carex communis* var. *amplisquama* **Fibrous-root sedge** r, hi
- ☐ *Carex complanata* **Hirsute sedge** r, lo
- ☐ *Carex crebiflora* **Coastal-plain sedge** unk
- ☐ *Carex crinita* var. *brevicrinis* **Fringed sedge** r, lo
- ☐ *Carex crinita* var. *crinita* **Fringed sedge** f, wr
- ☐ *Carex cristatella* **Crested sedge** r, hi
- ☐ *Carex cumberlandensis* **Cumberland sedge** r, lo
- ☐ *Carex debilis* var. *debilis* **White-edge sedge** unk
- ☐ *Carex debilis* var. *interjecta* **White-edge sedge** c, hi
- ☐ *Carex debilis* var. *pubera* **White-edge sedge** s, mid

- ☐ *Carex debilis* var. *rudgei* **White-edge sedge** c, mid-hi
- ☐ *Carex digitalis* var. *digitalis* **Slender woodland sedge** f, lo-mid
- ☐ *Carex eburnea* **Bristle-leaf sedge** r, lo
- ☐ *Carex frankii* **Frank's sedge** o, lo-mid
- ☐ *Carex gracillima* **Graceful sedge** r, hi
- ☐ *Carex granularis* **Limestone-meadow sedge** r, lo
- ☐ *Carex gravida* var. *lunelliana* **Heavy sedge** r, lo
- ☐ *Carex grayi* **Gray's sedge** r, mid
- ☐ *Carex grisea* **Inflated narrow-leaf sedge** s, lo
- ☐ *Carex gynandra* **Nodding sedge** f, hi
- ☐ *Carex hirsutella* **Fuzzy-wuzzy sedge** r, lo-mid
- ☐ *Carex intumescens* **Greater bladder sedge** c, wr
- ☐ *Carex jamesii* **James' sedge** r, lo
- ☐ *Carex kraliana* **Kral's sedge** r, lo
- ☐ *Carex laevivaginata* **Smooth-sheath sedge** s, mid
- ☐ *Carex laxiculmis* var. *copulata* **Spreading sedge** r, lo
- ☐ *Carex laxiculmis* var. *laxiculmis* **Spreading sedge** s, lo
- ☐ *Carex laxiflora* **Broad loose-flower sedge** f, lo-mid
- ☐ *Carex leavenworthii* **Leavenworth's sedge** r, lo
- ☐ *Carex leptalea* **Bristly-stalk sedge** r, lo
- ☐ *Carex leptonervia* **Nerveless woodland sedge** f, mid-hi
- ☐ *Carex louisianica* **Louisiana sedge** s, lo
- ☐ *Carex lucorum* var. *lucorum* **Blue Ridge sedge** c, mid-hi
- ☐ *Carex lupulina* **Hop sedge** i, lo
- ☐ *Carex lurida* **Sallow sedge** o, wr
- ☐ *Carex misera* **Wretched sedge** s, hi
- ☐ *Carex nigromarginata* **Black-edge sedge** s, lo
- ☐ *Carex normalis* **Greater straw sedge** f, mid-hi
- ☐ *Carex oligocarpa* **Richwoods sedge** r, lo
- ☐ *Carex pedunculata* **Long-stalk sedge** r, lo
- ☐ *Carex pennsylvanica* **Pennsylvania sedge** c, mid-hi
- ☐ *Carex plantaginea* **Plantain-leaf sedge** f, wr
- ☐ *Carex platyphylla* **Broad-leaf sedge** r, lo
- ☐ *Carex prasina* **Drooping sedge** s, lo
- ☐ *Carex projecta* **Necklace sedge** i, hi
- ☐ *Carex purpurifera* **Purple sedge** o, lo-mid
- ☐ *Carex radiata* **Eastern star sedge** o, lo-mid
- ☐ *Carex rosea* **Rosy sedge** o, lo-mid
- ☐ *Carex ruthii* **Ruth's sedge** o, hi
- ☐ *Carex scabrata* **Eastern rough sedge** f, wr
- ☐ *Carex scoparia* **Pointed broom sedge** o, wr
- ☐ *Carex sparganioides* **Burr-reed sedge** r, lo
- ☐ *Carex squarrosa* **Squarrose sedge** o, lo-mid
- ☐ *Carex stipata* **Stalk-grain sedge** o, wr
- ☐ *Carex striatula* **Lined sedge** unk



- ☐ *Carex styloflexa* **Bent sedge** o, lo
- ☐ *Carex swanii* **Swan's sedge** f, lo-mid
- ☐ *Carex texensis* **Texas sedge** s, lo
- ☐ *Carex tonsa* var. *rugosperma* **Shaved sedge** r, lo
- ☐ *Carex torta* **Twisted sedge** f, lo-mid
- ☐ *Carex tribuloides* **Blunt broom sedge** f, wr
- ☐ *Carex trisperma* **Three-seed sedge** s, wr
- ☐ *Carex umbellata* **Parasol sedge** r, lo
- ☐ *Carex virescens* **Ribbed sedge** o, lo-mid
- ☐ *Carex vulpinoidea* **Common fox sedge** f, lo-mid
- ☐ *Cymophyllus fraserianus* **Fraser's sedge** o, lo-mid
- ☐ *Cyperus bipartitus* **Shining flat sedge** i, lo
- ☐ *Cyperus croceus* **Baldwin's flat sedge** o, lo
- ☐ *Cyperus echinatus* **Globe flat sedge** r, lo
- ☐ *Cyperus flavescens* **Yellow flat sedge** i, lo
- ☐ *Cyperus lancastriensis* **Many-flower flat sedge** r, lo
- ☐ *Cyperus polystachyos* var. *texensis* **Many-spike flat sedge** f, lo
- ☐ *Cyperus retrofractus* **Rough flat sedge** r, lo
- ☐ *Cyperus retrorsus* **Pine-barren flat sedge** o, lo
- ☐ *Cyperus setigerus* **Lean flat sedge** o, lo
- ☐ *Cyperus strigosus* **Straw-colored flat sedge** f, lo
- ☐ *Dulichium arundinaceum* **Three-way sedge** r, lo
- ☐ *Eleocharis acicularis* **Needle spike-rush** r, lo
- ☐ *Eleocharis obtusa* **Blunt spike-rush** o, lo-mid
- ☐ *Eleocharis palustris* **Common spike-rush** r, lo
- ☐ *Eleocharis tenuis* **Slender spike-rush** r, lo
- ☐ *Eleocharis tuberculosa* **Cone-cup spike-rush** r, lo
- ☐ *Fimbristylis autumnalis* **Slender fimbry** s, lo
- ☐ *Kyllinga gracillima* **Pasture spike sedge** r, lo
- ☐ *Kyllinga pumila* **Low spike sedge** i, lo
- ☐ *Rhynchospora capitellata* **Brownish beak sedge** o, lo
- ☐ *Schoenoplectus purshianus* **Weak-stalk club-rush** r, lo
- ☐ *Schoenoplectus tabernaemontani* **Soft-stem club-rush** s, lo-mid
- ☐ *Scirpus atrovirens* **Dark-green bulrush** s, lo
- ☐ *Scirpus cyperinus* **Cottongrass bulrush** o, lo
- ☐ *Scirpus lineatus* **Drooping bulrush** s, lo
- ☐ *Scirpus polyphyllus* **Leafy bulrush** o, lo
- ☐ *Scleria oligantha* **Little-head nut-rush** r, lo
- ☐ *Scleria pauciflora* **Few-flower nut-rush** o, lo-mid
- ☐ *Scleria triglomerata* **Whip nut-rush** f, lo-mid
- ☐ *Trichophorum caespitosum* **Tufted leafless-bulrush** r, hi

#### DIOSCOREACEAE

- ☐ *Dioscorea oppositifolia* **Chinese yam** o, lo
- ☐ *Dioscorea quaternata* **Four-leaf yam** c, lo-mid
- ☐ *Dioscorea villosa* **Wild yam** unk

#### IRIDACEAE

- ☐ *\*Belamcanda chinensis* **Blackberry-lily** r, lo
- ☐ *\*Gladiolus X gandavensis* **Gladiolus** r, hs
- ☐ *Iris cristata* **Crested dwarf iris** f, lo-mid
- ☐ *\*Iris laevigata* **Rabbit's-ear iris** r, hs
- ☐ *\*Iris pseudacorus* **Pale-yellow iris** r, lo
- ☐ *Iris verna* var. *smalliana* **Dwarf violet iris** s, lo
- ☐ *Iris virginica* var. *shrevei* **Virginia blueflag** r, lo
- ☐ *Sisyrinchium angustifolium* **Narrow-leaf blue-eyed-grass** i, lo
- ☐ *Sisyrinchium atlanticum* **Eastern blue-eyed-grass** o, lo
- ☐ *Sisyrinchium mucronatum* **Needle-tip blue-eyed-grass** i, lo

#### JUNCACEAE

- ☐ *Juncus acuminatus* **Notty-leaf rush** f, wr
- ☐ *Juncus biflorus* **Bog rush** r, lo
- ☐ *Juncus brevicaudatus* **Narrow-panicle rush** r, hi
- ☐ *Juncus canadensis* **Canadian rush** s, lo
- ☐ *Juncus coriaceous* **Leathery rush** f, wr
- ☐ *Juncus debilis* **Weak rush** o, lo-mid
- ☐ *Juncus dichotomus* **Forked rush** r, lo
- ☐ *Juncus diffusissimus* **Slim-pod rush** r, lo
- ☐ *Juncus effusus* var. *solutus* **Lamp rush** f, wr
- ☐ *Juncus gymnocarpus* **Pennsylvania rush** s, lo-mid
- ☐ *Juncus interior* **Inland rush** s, wr
- ☐ *Juncus marginatus* **Grass-leaf rush** i, wr
- ☐ *Juncus scirpoides* **Needle-pod rush** r, lo
- ☐ *Juncus tenuis* var. *tenuis* **Poverty rush** c, wr
- ☐ *Juncus trifidus* **Highland rush** r, hi
- ☐ *Luzula acuminata* var. *acuminata* **Hairy wood-rush** f, lo-mid
- ☐ *Luzula acuminata* var. *carolinae* **Hairy wood-rush** unk
- ☐ *Luzula bulbosa* **Bulbous wood-rush** r, mid-hi
- ☐ *Luzula echinata* **Hedgehog wood-rush** c, wr
- ☐ *Luzula multiflora* **Common wood-rush** s, lo

#### LEMNACEAE

- ☐ *Lemna minuta* **Least duckweed** r, lo
- ☐ *Lemna valdiviana* **Pale duckweed** r, lo
- ☐ *Wolffia brasiliensis* **Brazilian watermeal** r, lo

#### LILIACEAE

- ☐ *Aletris farinosa* **White colicroot** s, lo-mid
- ☐ *\*Allium ampeloprasum* **Broad-leaf wild leek** r, lo
- ☐ *Allium burdickii* **Narrow-leaf wild leek** i, mid-hi
- ☐ *Allium canadense* **Meadow garlic** r, lo-mid
- ☐ *Allium tricoccum* **Ramp** o, mid-hi
- ☐ *\*Allium vineale* **Crow garlic** o, lo
- ☐ *Amianthium muscivomum* **Flypoison** i, hi



- ☐ \*Asparagus officinalis **Asparagus** r, lo
- ☐ Chamaelirium luteum **Fairywand** i, lo-mid
- ☐ Clintonia borealis **Yellow bluebead-lily** f, hi
- ☐ Clintonia umbellulata **White bluebead-lily** o, mid
- ☐ \*Convallaria majalis **European lily-of-the-valley** r, lo-mid
- ☐ Convallaria majuscula **American lily-of-the-valley** s, mid-hi
- ☐ Erythronium umbilicatum ssp. monostolum **Southern Appalachian trout-lily** f, hi
- ☐ Erythronium umbilicatum ssp. umbilicatum **Dimpled trout-lily** c, wr
- ☐ \*Hemerocallis fulva **Orange day-lily** o, hs
- ☐ \*Hemerocallis lilioasphodelus **Yellow day-lily** r, hs
- ☐ \*Hosta lancifolia **Narrow-leaf plantain-lily** r, hs
- ☐ Hypoxis hirsuta **Eastern yellow star-grass** c, lo-mid
- ☐ \*Lilium canadense ssp. editorum **Canadian lily** r, hs
- ☐ Lilium grayi **Gray's lily** h, mid-hi
- ☐ \*Lilium lancifolium **Lance-leaf tiger lily** r, hs
- ☐ Lilium michauxii **Carolina lily** o, lo-mid
- ☐ Lilium philadelphicum **Wood lily** h, mid
- ☐ Lilium superbum **Turk's-cap lily** f, wr
- ☐ \*Liriope spicata **Creeping lilyturf** r, hs
- ☐ Maianthemum canadense **False lily-of-the-valley** o, mid
- ☐ Maianthemum racemosum ssp. racemosum **Feathery false Solomon's-seal** c, wr
- ☐ Medeola virginiana **Indian cucumber-root** f, wr
- ☐ Melanthium latifolium **Slender bunchflower** r, lo-mid
- ☐ Melanthium parviflorum **Appalachian bunchflower** f, lo-mid
- ☐ \*Muscari botryoides **Common grape-hyacinth** i, hs
- ☐ \*Narcissus poeticus **Poet's narcissus** r, hs
- ☐ \*Narcissus pseudonarcissus **Common daffodil** o, hs
- ☐ Nothoscordum bivalve **Crowpoison** r, lo
- ☐ \*Ornithogalum umbellatum **Star-of-Bethlehem** r, lo
- ☐ Polygonatum biflorum var. biflorum **King Solomon's-seal** f, lo-mid
- ☐ Polygonatum biflorum var. commutatum **Great Solomon's-seal** o, lo-mid
- ☐ Polygonatum pubescens **Hairy Solomon's-seal** f, wr
- ☐ Prosartes lanuginosa **Yellow fairybells** f, lo-mid
- ☐ Prosartes maculata **Yellow-mandarin** r, lo

- ☐ Stenanthium gramineum **Eastern featherbells** o, wr
- ☐ Streptopus amplexifolius var. amplexifolius **Clasping twistedstalk** r, hi
- ☐ Streptopus lanceolatus var. roseus **Lance-leaf twistedstalk** o, mid-hi
- ☐ Trillium catesbaei **Bashful wakerobin** f, lo-mid
- ☐ Trillium cuneatum **Little-sweet-Betsy** r, lo
- ☐ Trillium erectum **Stinking-Benjamin** f, wr
- ☐ Trillium flexipes **Nodding wakerobin** r, lo
- ☐ Trillium grandiflorum **Large-flower wakerobin** f, lo-mid
- ☐ Trillium luteum **Yellow wakerobin** f, lo
- ☐ Trillium rugelii **Ill-scented wakerobin** s, lo
- ☐ Trillium simile **Jeweled wakerobin** s, mid
- ☐ Trillium undulatum **Painted wakerobin** o, wr
- ☐ Trillium vaseyi **Sweet wakerobin** o, lo-mid
- ☐ Uvularia grandiflora **Large-flower bellwort** o, lo-mid
- ☐ Uvularia perfoliata **Perfoliate bellwort** f, lo-mid
- ☐ Uvularia puberula **Mountain bellwort** f, lo-mid
- ☐ Uvularia sessilifolia **Sessile-leaf bellwort** i, mid
- ☐ Veratrum viride **American false hellebore** f, hi

#### ORCHIDACEAE

- ☐ Aplectrum hyemale **Adam-and-Eve** f, lo-mid
- ☐ Calopogon tuberosus var. tuberosus **Tuberous grass-pink** h, lo-mid
- ☐ Cleistes bifaria **Small rosebud orchid** s, lo-mid
- ☐ Coeloglossum viride var. virescens **Long-bract frog orchid** r, mid
- ☐ Corallorhiza maculata **Summer coralroot** r, mid
- ☐ Corallorhiza odontorhiza **Autumn coralroot** f, lo-mid
- ☐ Corallorhiza wisteriana **Spring coralroot** r, lo
- ☐ Cypripedium acaule **Pink lady's-slipper** o, lo-mid
- ☐ Cypripedium parviflorum var. parviflorum **Lesser yellow lady's-slipper** r, lo-mid
- ☐ Cypripedium parviflorum var. pubescens **Yellow lady's-slipper** s, lo-mid
- ☐ \*Epipactis helleborine **Helleborine** r, mid
- ☐ Galearis spectabilis **Showy orchid** f, lo-mid
- ☐ Goodyera pubescens **Downy rattlesnake-plantain** c, lo-mid
- ☐ Goodyera repens **Dwarf rattlesnake-plantain** i, mid-hi
- ☐ Hexalectris spicata **Spiked crested-coralroot** r, lo
- ☐ Isotria verticillata **Purple five-leaf orchid** s, lo-mid
- ☐ Liparis lilifolia **Brown wide-lip orchid** i, lo
- ☐ Liparis loeselii **Yellow wide-lip orchid** r, hi
- ☐ Listera smallii **Kidney-leaf twayblade** s, mid



- ☐ *Malaxis unifolia* **Green adder's-mouth orchid** s, mid-hi
- ☐ *Platanthera ciliaris* **Yellow fringed orchid** o, lo-mid
- ☐ *Platanthera clavellata* **Green woodland orchid** f, wr
- ☐ *Platanthera flava* var. *flava* **Southern rein orchid** r, lo
- ☐ *Platanthera flava* var. *herbiola* **Pale-green orchid** r, lo
- ☐ *Platanthera grandiflora* **Greater purple fringed orchid** r, hi
- ☐ *Platanthera lacera* **Green fringed orchid** r, lo
- ☐ *Platanthera peramoena* **Pride-of-the-peak** r, lo
- ☐ *Platanthera psycodes* **Lesser purple fringed orchid** s, mid-hi
- ☐ *Pogonia ophioglossoides* **Snake-mouth orchid** h, lo
- ☐ *Spiranthes cernua* **White nodding ladies'-tresses** o, wr
- ☐ *Spiranthes lacera* var. *gracilis* **Northern slender ladies'-tresses** r, lo-mid
- ☐ *Spiranthes ochroleuca* **Yellow nodding ladies'-tresses** r, lo-mid
- ☐ *Spiranthes ovalis* **October ladies'-tresses** s, lo
- ☐ *Spiranthes tuberosa* **Little ladies'-tresses** s, lo-mid
- ☐ *Spiranthes vernalis* **Spring ladies'-tresses** r, lo-mid
- ☐ *Tipularia discolor* **Crippled crane-fly** f, lo-mid
- ☐ *Triphora trianthophora* **Threebirds** o, lo-mid

## POACEAE

- ☐ *\*Agrostis capillaris* **Colonial bent** r, hi
- ☐ *Agrostis elliottiana* **Elliott's bent** r, lo
- ☐ *\*Agrostis gigantea* **Black bent** c, wr
- ☐ *Agrostis hyemalis* **Winter bent** o, wr
- ☐ *Agrostis mertensii* **Northern bent** r, lo
- ☐ *Agrostis perennans* **Upland bent** c, wr
- ☐ *Agrostis scabra* **Rough bent** s, lo-mid
- ☐ *Alopecurus carolinianus* **Tufted meadow-foxtail** r, hi
- ☐ *Andropogon gerardii* **Big bluestem** s, lo-mid
- ☐ *Andropogon glomeratus* var. *glomeratus* **Bushy bluestem** s, lo
- ☐ *Andropogon gyrans* var. *gyrans* **Elliott's bluestem** s, lo
- ☐ *Andropogon ternarius* **Split-beard bluestem** s, lo
- ☐ *Andropogon virginicus* var. *virginicus* **Broom-sedge** f, wr
- ☐ *\*Anthoxanthum odoratum* **Large sweet vernal grass** f, wr
- ☐ *Aristida purpurascens* **Arrow-feather three-awn**

- r, lo
- ☐ *\*Arrhenatherum elatius* var. *elatius* **Tall oat grass** i, wr
- ☐ *\*Arthraxon hispidus* **Small carp grass** o, lo
- ☐ *Arundinaria gigantea* ssp. *gigantea* **Giant cane** o, lo
- ☐ *Arundinaria appalachiana* **Hill cane** i, lo-mid
- ☐ *\*Avena sativa* **Oat** s, lo
- ☐ *Brachyelytrum erectum* **Bearded shorthusk** s, lo
- ☐ *Brachyelytrum septentrionale* **Northern shorthusk** s, mid-hi
- ☐ *Bromus ciliatus* **Fringed brome** r, hi
- ☐ *\*Bromus commutatus* **Meadow brome** f, wr
- ☐ *\*Bromus ssp.inermis* var. *inermis* **Smooth brome** r, lo & hi
- ☐ *\*Bromus japonicus* **Japanese brome** o, wr
- ☐ *Bromus pubescens* **Hairy woodland brome** f, lo-mid
- ☐ *\*Bromus racemosus* **Bald brome** r, lo
- ☐ *\*Bromus secalinus* **Rye brome** s, lo
- ☐ *\*Bromus tectorum* **Cheat grass** s, lo
- ☐ *Calamagrostis cainii* **Cain's reed grass** r, hi
- ☐ *Calamagrostis croarctata* **Nuttall's reed grass** s, lo
- ☐ *Chasmanthium latifolium* **Indian wood-oats** o, lo
- ☐ *Chasmanthium laxum* **Slender wood-oats** i, lo
- ☐ *Chasmanthium sessiliflorum* **Long-leaf wood-oats** r, lo
- ☐ *Cinna arundinacea* **Sweet wood-reed** s, lo-mid
- ☐ *Cinna latifolia* **Slender wood-reed** c, wr
- ☐ *\*Cynodon dactylon* **Bermuda grass** f, lo
- ☐ *\*Dactylis glomerata* **Orchard grass** c, wr
- ☐ *Danthonia compressa* **Flattened wild oat grass** c, wr
- ☐ *Danthonia sericea* **Silky wild oat grass** o, lo-mid
- ☐ *Danthonia spicata* **Poverty wild oat grass** o, wr
- ☐ *Deschampsia flexuosa* **Wavy hair grass** r, hi
- ☐ *Dichanthelium acuminatum* var. *fasciculatum* **Tapered rosette grass** f, lo-mid
- ☐ *Dichanthelium boscii* **Bosc's rosette grass** c, lo-mid
- ☐ *Dichanthelium clandestinum* **Deer-tongue rosette grass** f, lo
- ☐ *Dichanthelium commutatum* **Variable rosette grass** f, lo
- ☐ *Dichanthelium depauperatum* **Starved rosette grass** o, lo-mid
- ☐ *Dichanthelium dichotomum* var. *dichotomum* **Cypress rosette grass** o, lo
- ☐ *Dichanthelium latifolium* **Broad-leaf rosette grass** o, lo-mid
- ☐ *Dichanthelium laxiflorum* **Open-flower rosette**



grass o, lo  
 *Dichanthelium linearifolium* **Slim-leaf rosette grass** r, lo  
 *Dichanthelium longiligulatum* **Coastal-plain rosette grass** r, lo  
 *Dichanthelium meridionale* **Matting rosette grass** s, lo  
 *Dichanthelium sabulorum* var. *thinium* **Hemlock rosette grass** s, lo-mid  
 *Dichanthelium scabriusculum* **Woolly rosette grass** unk  
 *Dichanthelium scoparium* **Broom rosette grass** s, lo  
 *Dichanthelium sphaerocarpon* var. *isophyllum* **Round-seed rosette grass** o, lo  
 *Dichanthelium sphaerocarpon* var. *sphaerocarpon* **Round-seed rosette grass** o, lo  
 *Dichanthelium villosissimum* var. *villosissimum* **White-hair rosette grass** s, lo-mid  
 *Digitaria filiformis* **Slender crab grass** r, lo  
 *\*Digitaria ischaemum* **Smooth crab grass** o, lo-mid  
 *\*Digitaria sanguinalis* **Hairy crab grass** f, lo  
 *\*Echinochloa colona* **Jungle-rice** r, lo  
 *\*Echinochloa crus-galli* **Large barnyard grass** c, lo  
 *\*Echinochloa muricata* var. *muricata* **Rough barnyard grass** r, lo  
 *\*Eleusine indica* **Indian goose grass** o, lo  
 *Elymus hystrix* var. *hystrix* **Eastern bottle-brush grass** o, wr  
 *\*Elymus repens* **Creeping wild rye** o, wr  
 *Elymus riparius* **River-bank wild rye** r, hi  
 *Elymus virginicus* var. *virginicus* **Virginia wild rye** f, wr  
 *Eragrostis capillaris* **Lace grass** r, lo  
 *\*Eragrostis curvula* **Weeping love grass** o, lo  
 *Eragrostis frankii* **Sandbar love grass** s, lo  
 *Eragrostis hirsuta* **Big-top love grass** r, lo  
 *Eragrostis hypnoides* **Teal love grass** s, lo  
 *Eragrostis spectabilis* **Petticoat-climber** o, lo  
 *\*Festuca ovina* **Sheep fescue** r, wr  
 *\*Festuca rubra* **Red fescue** s, hi  
 *Festuca subverticillata* **Nodding fescue** f, wr  
 *Glyceria melicaria* **Melic manna grass** f, mid-hi  
 *Glyceria nubigena* **Smoky Mountain manna grass** i, hi  
 *Glyceria striata* **Fowl manna grass** f, wr  
 *\*Holcus lanatus* **Common velvet grass** f, wr  
 *Hordeum pusillum* **Little barley** r, lo  
 *Leersia oryzoides* **Rice cut grass** s, lo  
 *Leersia virginica* **White grass** o, lo  
 *\*Lolium perenne* ssp. *multiflorum* **Perennial rye**

grass r, lo  
 *\*Lolium perenne* ssp. *perenne* **Perennial rye grass** o, wr  
 *\*Lolium pratense* **Meadow rye grass** c, lo-mid  
 *Melica mutica* **Two-flower melic grass** s, lo  
 *\*Microstegium vimineum* **Japanese stilt grass, Napalese browntop** c, lo-mid  
 *Milium effusum* **American millet grass** r, hi  
 *\*Miscanthus sinensis* **Chinese silver grass** s, wr  
 *Muhlenbergia frondosa* **Wire-stem muhly** r, hi  
 *Muhlenbergia schreberi* **Nimblewill** c, lo  
 *Muhlenbergia sylvatica* **Woodland muhly** r, lo  
 *Muhlenbergia tenuiflora* **Slender muhly** r, lo  
 *Panicum anceps* **Beaked panic grass** f, hs  
 *Panicum capillare* **Common panic grass** r, lo  
 *Panicum dichotomiflorum* **Fall panic grass** s, lo-mid  
 *Panicum flexile* **Wiry panic grass** r, lo  
 *Panicum gattingeri* **Gattinger's panic grass** r, lo  
 *\*Panicum miliaceum* **Hog millet** r, lo  
 *Panicum philadelphicum* **Philadelphia panic grass** o, lo  
 *Panicum rigidulum* var. *elongatum* **Red-top panic grass** s, lo  
 *Panicum rigidulum* var. *pubescens* **Red-top panic grass** s, lo  
 *Panicum rigidulum* var. *rigidulum* **Red-top panic grass** r, lo  
 *Panicum verrucosum* **Warty panic grass** o, lo  
 *Panicum virgatum* **Wand panic grass** s, lo  
 *\*Paspalum dilatatum* **Golden crown grass** o, lo  
 *Paspalum laeve* **Field crown grass** o, lo  
 *Paspalum pubiflorum* **Hairy-seed crown grass** o, lo  
 *Paspalum setaceum* **Slender crown grass** o, lo  
 *\*Paspalum urvillei* **Vasey-grass** o, lo  
 *\*Phalaris arundinacea* **Reed canary grass** r, mid-hi  
 *\*Phleum pratense* **Common timothy** c, wr  
 *Piptochaetium avenaceum* **Black-seed spear grass** s, lo-mid  
 *Poa alsodes* **Grove blue grass** f, wr  
 *\*Poa annua* **Annual blue grass** c, wr  
 *Poa autumnalis* **Autumn blue grass** o, lo  
 *Poa chapmaniana* **Chapman's blue grass** s, wr  
 *\*Poa compressa* **Flat-stem blue grass** o, wr  
 *Poa cuspidata* **Early blue grass** c, wr  
 *Poa paludigena* **Bog blue grass** r, mid  
 *Poa palustris* **Fowl blue grass** r, mid-hi  
 *\*Poa pratensis* **Kentucky blue grass** f, wr  
 *Poa saltuensis* **Old-pasture blue grass** r, mid  
 *Poa sylvestris* **Woodland blue grass** r, lo-mid





- ☐ \*Poa trivialis **Rough-stalk blue grass** s, lo
- ☐ Saccharum alopecuroidum **Silver plume grass** s, lo
- ☐ Saccharum giganteum **Giant plume grass** r, lo
- ☐ Schizachyrium scoparium var. scoparium **Little false bluestem** f, lo-mid
- ☐ \*Secale cereale **Rye** o, lo
- ☐ \*Setaria faberi **Japanese bristle grass** r, lo
- ☐ \*Setaria italica **Italian bristle grass** r, lo
- ☐ \*Setaria parviflora **Marsh bristle grass** o, lo
- ☐ \*Setaria pumila **Yellow bristle grass** r, lo
- ☐ \*Setaria viridis var. viridis **Green bristle grass** r, lo
- ☐ Sorghastrum eliottii **Long-bristle Indian grass** r, lo
- ☐ Sorghastrum nutans **Yellow Indian grass** f, lo-mid
- ☐ \*Sorghum bicolor **Broom-corn** r, lo
- ☐ \*Sorghum halepense **Johnson grass** i, lo
- ☐ Sphenopholis intermedia **Slender wedgescale** r, lo
- ☐ Sphenopholis nitida **Shiny wedgescale** s, lo
- ☐ Sphenopholis obtusata **Prarie wedgescale** s, lo
- ☐ Sphenopholis pensylvanica **Swamp wedgescale** i, lo-mid
- ☐ Sporobolus indicus var. indicus **Smut grass** o, lo
- ☐ Tridens flavus var. chapmanii **Tall redtop** r, lo
- ☐ Tridens flavus var. flavus **Tall redtop** f, lo
- ☐ Tripsacum dactyloides **Eastern mock grama** r, lo
- ☐ \*Triticum aestivum **Wheat** r, lo
- ☐ Vulpia bromoides **Brome six-weeks grass** r, lo-mid
- ☐ Vulpia octoflora var. octoflora **Eight-flower six-weeks grass** i, lo

#### POTAMOGETONACEAE

- ☐ Potamogeton amplifolius **Large-leaf pondweed** s, lo
- ☐ Potamogeton tennesseensis **Tennessee pondweed** r, lo

#### SMILACACEAE

- ☐ Smilax biltmoreana **Biltmore's carrion-flower** h, lo
- ☐ Smilax bona-nox **Fringed greenbrier** r, lo
- ☐ Smilax glauca **Sawbrier** c, lo-mid
- ☐ Smilax herbacea **Smooth carrion-flower** f, wr
- ☐ Smilax hugeri **Huger's carrion-flower** r, lo
- ☐ Smilax rotundifolia **Horsebrier** c, lo-mid
- ☐ Smilax tamnoides **Chinaroot** o, lo-mid

#### SPARGANIACEAE

- ☐ Sparganium americanum **American burr-reed** s, lo
- ☐ Sparganium androcladum **Branched burr-reed** x, lo

#### TYPHACEAE

- ☐ Typha latifolia **Broad-leaf cat-tail** r, lo

#### XYRIDACEAE

- ☐ Xyris torta **Slender yellow-eyed-grass** r, lo

## ANGIOSPERMS — DICOTYLEDONEAE

#### ACANTHACEAE

- ☐ Justicia americana **American water-willow** i, lo
- ☐ Ruellia caroliniensis ssp. caroliniensis var. caroliniensis **Carolina wild petunia** i, lo
- ☐ Ruellia humilis ssp. ciliosa var. cinerascens **Fringe-leaf wild petunia** h, lo

#### ACERACEAE

- ☐ Acer leucoderme **Chalk maple** s, lo
- ☐ Acer negundo **Box-elder, Ash-leaf maple** f, lo
- ☐ Acer pensylvanicum **Striped maple, moosewood** c, wr
- ☐ \*Acer platanoides **Norway maple** x, hs
- ☐ Acer rubrum var. rubrum **Red maple** c, wr
- ☐ Acer rubrum var. trilobum **Trident maple** i, lo
- ☐ Acer saccharinum **Silver maple** r, lo
- ☐ Acer saccharum **Sugar maple** c, wr
- ☐ Acer spicatum **Mountain maple** c, mid-hi

#### AMARANTHACEAE

- ☐ \*Amaranthus albus **Tumbleweed** r, lo
- ☐ \*Amaranthus hybridus **Smooth amaranth** s, lo
- ☐ \*Amaranthus retroflexus **Red-root amaranth** r, lo
- ☐ \*Amaranthus spinosus **Spiny amaranth** i, lo

#### ANACARDIACEAE

- ☐ Rhus aromatica **Fragrant sumac** r, lo
- ☐ Rhus copallinum var. copallinum **Winged sumac** c, lo-mid
- ☐ Rhus copallinum var. latifolia **Winged sumac** i, lo-mid
- ☐ Rhus glabra **Smooth sumac** f, lo-mid
- ☐ Rhus typhina **Stag-horn sumac** i, lo-mid
- ☐ Toxicodendron radicans ssp. radicans **Eastern poison-ivy** c, lo-mid



## ANNONACEAE

- *Asimina triloba* **Common pawpaw** o, lo

## APIACEAE

- *\*Aegopodium podagraria* **Bishop's-goutweed** r, lo
- *Angelica triquinata* **Filmy angelica** f, hi
- *Angelica venenosa* **Hairy angelica** f, lo-mid
- *Chaerophyllum tainturieri* var. *tainturieri* **Hairy-fruit chervil** o, lo
- *Cicuta maculata* **Spotted water-hemlock** s, lo
- *Cryptotaenia canadensis* **Canadian honewort** f, lo-mid
- *\*Daucus carota* **Queen Anne's-lace** c, wr
- *Eryngium prostratum* **Rattlesnake-master, Creeping eryngo** h, lo
- *Eryngium yuccifolium* var. *yuccifolium* **Rattlesnake-master, Button eryngo** r, lo
- *Heracleum maximum* **American cow-parsnip** s, hi
- *Hydrocotyle americana* **American marsh-pennywort** x, lo
- *\*Hydrocotyle sibthorpioides* **Lawn marsh-pennywort** r, lo
- *Ligusticum canadense* **Canadian wild loveage** o, mid
- *Osmorhiza claytonii* **Hairy sweet-cicely** c, lo-mid
- *Osmorhiza longistylis* **Aniseroot** f, lo-mid
- *Oxypolis rigidior* **Stiff cowbane** f, wr
- *\*Pastinaca sativa* **Wild parsnip** r, lo
- *Sanicula canadensis* **Canadian black-snakeroot** c, lo-mid
- *Sanicula marilandica* **Maryland black-snakeroot** o, wr
- *Sanicula odorata* **Sanicle, Clustered black-snakeroot** f, lo-mid
- *Sanicula smallii* **Small's black-snakeroot** s, wr
- *Sanicula trifoliata* **Large-fruit black-snakeroot** o, lo-mid
- *Taenidia integerrima* **Yellow-pimpernel** i, lo-mid
- *Thaspium barbinode* **Hairy-joint meadow-parsnip** f, lo-mid
- *Thaspium trifoliatum* var. *aureum* **Yellow meadow-parsnip** f, lo-mid
- *Thaspium trifoliatum* var. *trifoliatum* **Purple meadow-parsnip** f, lo-mid
- *\*Torilis japonica* **Erect hedge-parsley** r, lo
- *Zizia aptera* **Heart-leaf alexanders** o, lo-mid
- *Zizia trifoliata* **Meadow alexanders** o, lo-mid

## APOCYNACEAE

- *Amsonia tabernaemontana* var. *tabernaemontana*

**Eastern bluestar** r, lo

- *Apocynum androsaemifolium* **Spreading dogbane** r, lo
- *Apocynum cannabinum* **Indian-hemp** s, lo
- *\*Vinca major* **Greater periwinkle** r, hs
- *\*Vinca minor* **Lesser periwinkle** o, hs

## AQUIFOLIACEAE

- *Ilex ambigua* **Carolina holly** o, lo-mid
- *Ilex collina* **Long-stalk holly** r, hi
- *Ilex montana* **Mountain holly** c, mid-hi
- *Ilex opaca* **American holly** f, lo-mid
- *Ilex verticillata* **Common winterberry** r, lo & hi

## ARALIACEAE

- *Aralia nudicaulis* **Wild sarsaparilla** o, mid-hi
- *Aralia racemosa* **American spikenard** o, wr
- *Aralia spinosa* **Devil's-walkingstick** f, lo-mid
- *\*Hedera helix* **English-ivy** i, lo
- *Panax quinquefolius* **American ginseng** i, wr
- *Panax trifolius* **Dwarf ginseng** s, mid

## ARISTOLOCHIACEAE

- *Aristolochia macrophylla* **Pipevine** c, lo-mid
- *Aristolochia serpentaria* **Virginia-snakeroot** s, lo
- *Asarum canadense* **Canadian wild ginger** o, lo-mid
- *Hexastylis arifolia* **Little-brown-jug** f, lo-mid
- *Hexastylis shuttleworthii* **Large flower heartleaf** s, lo

## ASCLEPIADACEAE

- *Asclepias amplexicaulis* **Clasping milkweed** s, lo-mid
- *Asclepias exaltata* **Poke milkweed** f, lo-mid
- *Asclepias incarnata* ssp. *pulchra* **Swamp milkweed** s, lo
- *Asclepias quadrifolia* **Four-leaf milkweed** o, lo-mid
- *\*Asclepias syriaca* **Common milkweed** r, lo
- *Asclepias tuberosa* **Butterfly milkweed** o, lo-mid
- *Asclepias variegata* **Red-ring milkweed** o, lo-mid
- *Asclepias verticillata* **Whorled milkweed** r, lo-mid
- *Cynanchum laeve* **Honeyvine** r, lo
- *Matelea gonocarpos* **Angular-fruit milkvine** r, lo
- *Matelea obliqua* **Climbing milkvine** r, lo

## ASTERACEAE

- *Achillea millefolium* var. *occidentalis* **Common yarrow** f, wr
- *Ageratina altissima* var. *altissima* **White snakeroot** f, lo-mid



- ☐ *Ageratina altissima* var. *roanensis* **Appalachian white snakeroot** f, hi
- ☐ *Ageratina aromatica* var. *aromatica* **Lesser snake-root** i, lo-mid
- ☐ *Ambrosia artemisiifolia* **Annual ragweed** f, wr
- ☐ *Ambrosia trifida* **Great ragweed** o, lo
- ☐ *Antennaria neglecta* **Field pussytoes** o, lo
- ☐ *Antennaria plantaginifolia* **Woman's-tobacco** o, lo-mid
- ☐ *Antennaria solitaria* **Single-head pussytoes** o, lo
- ☐ *\*Anthemis arvensis* **Corn chamomile** o, lo
- ☐ *\*Anthemis cotula* **Stinking chamomile** s, lo-mid
- ☐ *\*Arctium minus* **Lesser burdock** o, lo
- ☐ *Arnoglossum atriplicifolium* **Pale Indian-plantain** f, wr
- ☐ *Arnoglossum muehlenbergii* **Great Indian-plantain** o, lo
- ☐ *\*Artemisia abrotanum* **Southern wormwood** r, hs
- ☐ *\*Artemisia ludoviciana* ssp. *mexicana* **White sagebrush** s, lo
- ☐ *\*Artemisia vulgaris* **Common wormwood** r, lo
- ☐ *\*Aster tataricus* **Tartarian aster** r, hs
- ☐ *Bidens aristosa* **Bearded beggarticks** o, lo
- ☐ *Bidens bipinnata* **Spanish-needles** o, lo
- ☐ *Bidens cernua* **Nodding burr-marigold** s, lo
- ☐ *Bidens frondosa* **Devil's-pitchfork** o, lo-mid
- ☐ *Bidens polylepis* **Bearded beggarticks** r, lo
- ☐ *\*Bidens tripartita* **Three-lobed beggarticks** o, lo
- ☐ *Brickellia eupatorioides* var. *eupatorioides* **False boneset** r, lo
- ☐ *\*Carduus nutans* **Nodding plumeless-thistle** r, lo-hi
- ☐ *\*Centaurea biebersteinii* **Spotted knapweed** r, lo
- ☐ *\*Centaurea cyanus* **Garden cornflower** r, lo
- ☐ *\*Centaurea jacea* **Brown-ray knapweed** r, hi
- ☐ *Chrysopsis mariana* **Maryland golden-aster** f, lo-mid
- ☐ *\*Cichorium intybus* **Chicory** o, lo
- ☐ *Cirsium altissimum* **Tall thistle** o, lo-mid
- ☐ *\*Cirsium arvense* **Canadian thistle** o, lo-mid
- ☐ *Cirsium carolinianum* **Soft thistle** r, mid
- ☐ *Cirsium discolor* **Field thistle** r, lo
- ☐ *Cirsium muticum* **Swamp thistle** o, lo-mid
- ☐ *\*Cirsium vulgare* **Bull thistle** o, lo
- ☐ *Conoclinium coelestinum* **Blue mistflower** o, lo-mid
- ☐ *Conyza canadensis* **Canadian horseweed** o, wr
- ☐ *Coreopsis auriculata* **Lobed tickseed** r, lo
- ☐ *Coreopsis major* **Greater tickseed** c, lo-mid
- ☐ *Coreopsis pubescens* **Star tickseed** i, wr
- ☐ *\*Coreopsis tinctoria* **Golden tickseed** s, lo

- ☐ *Coreopsis tripteris* **Tall tickseed** s, lo
- ☐ *\*Crepis capillaris* **Smooth hawk's-beard** r, lo
- ☐ *\*Crepis pulchra* **Small-flower hawk's-beard** r, lo
- ☐ *Doellingeria infirma* **Cornel-leaf white-top** f, lo-mid
- ☐ *Doellingeria umbellata* var. *umbellata* **Parasol white-top** s, wr
- ☐ *Eclipta prostrata* **False daisy** r, lo
- ☐ *Elephantopus carolinianus* **Carolina elephant's-foot** f, lo-mid
- ☐ *Elephantopus tomentosus* **Devil's grandmother** o, lo-mid
- ☐ *Erechtites hieraciifolia* var. *hieraciifolia* **Pilewort, American burnweed** o, lo-mid
- ☐ *Erigeron annuus* **Eastern daisy fleabane** o, lo
- ☐ *Erigeron philadelphicus* **Philadelphia fleabane** o, lo
- ☐ *Erigeron pulchellus* **Robin's-plantain** c, lo
- ☐ *Erigeron strigosus* **Prarie fleabane** o, lo
- ☐ *Eupatorium album* **White thoroughwort** f, lo-mid
- ☐ *Eupatorium capillifolium* **Dog-fennel** r, lo-mid
- ☐ *Eupatorium fistulosum* **Trumpetweed** f, lo
- ☐ *Eupatorium hyssopifolium* **Hyssop-leaf thoroughwort** s, lo
- ☐ *Eupatorium maculatum* **Spotted Joe-Pye-weed** r, lo
- ☐ *Eupatorium perfoliatum* **Common boneset** o, lo-mid
- ☐ *Eupatorium purpureum* **Sweet-scented Joe-Pye-weed** o, mid-hi
- ☐ *Eupatorium rotundifolium* var. *ovatum* **Round-leaf thoroughwort** r, lo
- ☐ *Eupatorium rotundifolium* var. *rotundifolium* **Round-leaf thoroughwort** o, lo
- ☐ *Eupatorium serotinum* **Late-flowering thoroughwort** o, lo
- ☐ *Eupatorium sessilifolium* **Upland boneset** s, lo
- ☐ *Eupatorium steelei* **Appalachian Joe-Pye-weed** o, mid-hi
- ☐ *Eurybia chlorolepis* **Mountain wood-aster** f, hi
- ☐ *Eurybia divaricata* **White wood-aster** c, lo-mid
- ☐ *Eurybia macrophylla* **Large-leaf wood-aster** o, wr
- ☐ *Eurybia surculosa* **Michaux's wood-aster** c, lo-mid
- ☐ *\*Galinsoga quadriradiata* **Peruvian daisy, Shaggy-soldier** i, wr
- ☐ *Gamochaeta purpurea* **Spoon-leaf purple everlasting** o, lo-mid
- ☐ *Helenium amarum* **Yellowdicks** s, lo
- ☐ *Helenium autumnale* **Fall sneezeweed** o, lo-mid
- ☐ *Helenium flexuosum* **Purple-head sneezeweed**



s, lo

- ☐ *Helianthus angustifolius* **Swamp sunflower** r, lo
- ☐ *Helianthus atrorubens* **Purple-disk sunflower** o, lo-mid
- ☐ *Helianthus decapetalus* **Thin-leaf sunflower** o, wr
- ☐ *Helianthus divaricatus* **Woodland sunflower** s, lo
- ☐ *Helianthus glaucophyllus* **White-leaf sunflower** s, mid
- ☐ *Helianthus microcephalus* **Small woodland sunflower** f, lo-mid
- ☐ *Helianthus tuberosus* **Jerusalem-artichoke** r, lo & hi
- ☐ *Heliopsis helianthoides* **Smooth oxeye** o, lo
- ☐ *\*Hieracium aurantiacum* **Devil's-paintbrush** r, lo
- ☐ *\*Hieracium caespitosum* **Meadow hawkweed** i, lo-mid
- ☐ *Hieracium gronovii* **Queendevil** o, lo-mid
- ☐ *Hieracium marianum* **Maryland hawkweed** unk
- ☐ *Hieracium paniculatum* **Allegheny hawkweed** c, lo-mid
- ☐ *\*Hieracium pilosella* **Mouse-ear hawkweed** o, mid-hi
- ☐ *\*Hieracium piloselloides* **Tall hawkweed** s, lo-mid
- ☐ *Hieracium scabrum* **Rough hawkweed** o, mid-hi
- ☐ *Hieracium venosum* **Rattlesnake-weed** c, lo-mid
- ☐ *\*Hypochaeris radicata* **Hairy cat's-ear** o, wr
- ☐ *Ionactis linariifolius* **Flax-leaf ankle-aster** o, lo
- ☐ *Iva annua* **Annual marsh-elder** r, lo
- ☐ *Krigia biflora* **Two-flower dwarf-dandelion** o, wr
- ☐ *Krigia caespitosa* **Weedy dwarf-dandelion** r, mid
- ☐ *Krigia dandelion* **Potato dwarf-dandelion** s, lo
- ☐ *Krigia montana* **Mountain dwarf-dandelion** r, hi
- ☐ *Krigia virginica* **Virginia dwarf-dandelion** o, lo-mid
- ☐ *Lactuca biennis* **Wild blue lettuce** o, lo
- ☐ *Lactuca canadensis* **Florida blue lettuce** o, lo-mid
- ☐ *Lactuca floridana* **Woodland lettuce** o, lo
- ☐ *Lactuca hirsuta* **Hairy lettuce** r, lo
- ☐ *\*Lactuca serriola* **Prickly lettuce** o, lo
- ☐ *\*Lapsana communis* **Common nipplewort** r, mid
- ☐ *\*Leucanthemum vulgare* **Ox-eye daisy** c, wr
- ☐ *Liatris spicata* **Dense gayfeather** o, lo-mid
- ☐ *Liatris squarrosa* **Scaly gayfeather** r, lo
- ☐ *Liatris squarrulosa* **Appalachian gayfeather** o, lo-mid
- ☐ *\*Matricaria discoidea* **Pineapple-weed** s, lo
- ☐ *Oclemena acuminata* **Whorled nodding-aster** f, mid-hi
- ☐ *Packera anonyma* **Yellow ragwort, Small's groundsel** f, lo-mid
- ☐ *Packera aurea* **Golden gronsel** o, lo

- ☐ *Packera obovata* **Round-leaf groundsel** i, lo
- ☐ *Parthenium integrifolium* **Wild quinine** r, lo
- ☐ *Pityopsis graminifolia* var. *graminifolia* **Narrow-leaf silk-grass** f, lo-mid
- ☐ *Pluchea camphorata* **Plowman's-wort** r, lo
- ☐ *Polymnia canadensis* **White-flower leafcup** s, lo
- ☐ *Polymnia laevigata* **Tennessee leafcup** r, lo
- ☐ *Prenanthes alba* **White rattlesnake-root** r, mid
- ☐ *Prenanthes altissima* **Tall rattlesnake-root** c, wr
- ☐ *Prenanthes roanensis* **Roan Mountain rattlesnake-root** f, hi
- ☐ *Prenanthes serpentaria* **Cankerweed** s, lo
- ☐ *Prenanthes trifoliolata* **Gall-of-the-Earth** f, lo-mid
- ☐ *Pseudognaphalium helleri* ssp. *helleri* **Heller's rabbit-tobacco** o, lo-mid
- ☐ *Pseudognaphalium obtusifolium* ssp. *obtusifolium* **Blunt-leaf rabbit-tobacco** o, lo-mid
- ☐ *Pyrrhoppappus carolinianus* **Carolina desert-chicory** o, lo
- ☐ *Rudbeckia fulgida* var. *fulgida* **Orange coneflower** o, lo
- ☐ *Rudbeckia fulgida* var. *umbrosa* **Orange coneflower** o, lo
- ☐ *\*Rudbeckia hirta* var. *hirta* **Black-eyed-susan** c, wr
- ☐ *\*Rudbeckia hirta* var. *pulcherrima* **Black-eyed-susan** c, wr
- ☐ *Rudbeckia laciniata* var. *humilis* **Green-head coneflower** c, wr
- ☐ *Rudbeckia triloba* **Brown-eyed-susan** o, lo
- ☐ *Rugelia nudicaulis* **Rugel's ragwort, Rugel's-Indian-plantain** o, mid-hi
- ☐ *Sericocarpus asteroides* **Toothed-white-top-aster** f, lo-mid
- ☐ *Sericocarpus linifolius* **Narrow-leaf white-top-aster** o, lo
- ☐ *Silphium asteriscus* var. *asteriscus* **Starry rosinweed** o, lo
- ☐ *Silphium asteriscus* var. *laevicaule* **Starry rosinweed** s, lo
- ☐ *Silphium compositum* **Kidney-leaf rosinweed** s, lo-mid
- ☐ *Smallanthus uvedalius* **Bear's-foot** o, lo-mid
- ☐ *Solidago arguta* **Atlantic goldenrod** f, lo-mid
- ☐ *Solidago bicolor* **White goldenrod** f, wr
- ☐ *Solidago caesia* **Wreath goldenrod** r, lo
- ☐ *Solidago canadensis* var. *scabra* **Canadian goldenrod** f, wr
- ☐ *Solidago curtisii* **Curtis' goldenrod** c, lo-mid
- ☐ *Solidago erecta* **Slender goldenrod** f, lo-mid
- ☐ *Solidago flaccidifolia* **Mountain goldenrod** r, lo



- ☐ Solidago flexicaulis **Zigzag goldenrod** o, lo-mid
- ☐ Solidago gigantea **Late goldenrod** f, lo
- ☐ Solidago glomerata **Skunk goldenrod, Clustered goldenrod** f, hi
- ☐ Solidago hispida **Hairy goldenrod** unk
- ☐ Solidago nemoralis var. nemoralis **Gray goldenrod** f, wr
- ☐ Solidago odora **Anise-scented goldenrod** f, lo-mid
- ☐ Solidago patula **Round-leaf goldenrod** o, wr
- ☐ Solidago puberula **Downy goldenrod** f, wr
- ☐ Solidago roanensis **Roan Mountain goldenrod** f, mid-hi
- ☐ Solidago rugosa ssp. aspera **Wrinkle-leaf goldenrod** s, lo
- ☐ Solidago speciosa var. rigidiscula **Showy goldenrod** s, lo
- ☐ Solidago sphacelata **Autumn goldenrod** s, lo
- ☐ \*Sonchus asper **Spiny-leaf sow-thistle** s, lo-mid
- ☐ Symphyotrichum concolor **Eastern silver American-aster** r, lo
- ☐ Symphyotrichum cordifolium **Heart-leaf aster** f, wr
- ☐ Symphyotrichum dumosum var. dumosum **Bushy aster, Rice button American-aster** f, lo
- ☐ Symphyotrichum lateriflorum var. lateriflorum **Calico aster, Farewell-summer** c, wr
- ☐ Symphyotrichum lowrleanum **Lowrie's American-aster** f, wr
- ☐ Symphyotrichum novae-angliae **New England American-aster** r, lo
- ☐ Symphyotrichum oblongifolium **Aromatic American-aster** r, lo
- ☐ Symphyotrichum patens var. patens **Late purple American-aster** f, lo-mid
- ☐ Symphyotrichum patens var. patentissimum **Late purple American-aster** f, lo-mid
- ☐ Symphyotrichum phlogifolium **Phlox-leaf American-aster** f, lo-mid
- ☐ Symphyotrichum pilosum var. pilosum **White oldfield American-aster** c, lo
- ☐ Symphyotrichum puniceum var. puniceum **Purple-stem American-aster** f, wr
- ☐ Symphyotrichum retroflexum **Rigid white-top American-aster** c, wr
- ☐ Symphyotrichum undulatum **Wavy-leaf American-aster** c, lo-mid
- ☐ Symphyotrichum urophyllum **White arrow American-aster** r, lo
- ☐ \*Tanacetum vulgare **Common tansy** r, mid
- ☐ \*Taraxacum laevigatum **Red-seed dandelion** s, lo
- ☐ \*Taraxacum officinale **Common dandelion** c, wr

- ☐ \*Tragopogon pratensis **Jack-go-to-bed-at-noon** r, lo
- ☐ \*Tussilago farfara **Colt's-foot** r, lo
- ☐ Verbesina alternifolia **Wingstem** o, lo
- ☐ Verbesina occidentalis **Yellow crownbeard** i, lo
- ☐ Verbesina virginica **White crownbeard** r, lo
- ☐ Vernonia gigantea **Tall ironweed** o, lo
- ☐ Vernonia noveboracensis **New York ironweed** s, lo-mid
- ☐ Xanthium strumarium var. glabratum **Rough cocklebur** s, lo
- ☐ \*Youngia japonica **Oriental false hawk's-beard** r, lo

#### BALSAMINACEAE

- ☐ Impatiens capensis **Spotted touch-me-not** c, lo-mid
- ☐ Impatiens pallida **Pale touch-me-not** c, mid-hi

#### BERBERIDACEAE

- ☐ \*Berberis thunbergii **Japanese barberry** r, lo
- ☐ \*Berberis vulgaris **European barberry** r, lo
- Caulophyllum thalictroides **Blue cohosh** f, wr
- ☐ Diphylleia cymosa **American umbrella-leaf** f, mid-hi
- ☐ \*Nandina domestica **Sacred-bamboo** r, lo
- ☐ \*Mahonia bealei **Beale's Oregon-grape** r, lo
- ☐ Podophyllum peltatum **May-apple** c, wr

#### BETULACEAE

- ☐ Alnus serrulata **Common alder** f, lo-mid
- ☐ Betula alleghaniensis **Yellow birch** c, wr
- ☐ Betula lenta **Sweet birch** c, lo-mid
- ☐ Betula nigra **River birch** i, lo-mid
- ☐ Betula papyrifera var. cordifolia **Heart-leaf paper birch** r, mid
- ☐ \*Betula pendula **European weeping birch** r, mid
- ☐ Carpinus caroliniana **American hornbeam** c, lo-mid
- ☐ Corylus americana **American hazelnut** i, lo
- ☐ Corylus cornuta **Beaked hazelnut** r, mid-hi
- ☐ Ostrya virginiana **Eastern hop-hornbeam** o, lo-mid

#### BIGNONIACEAE

- ☐ Bignonia capreolata **Crossvine** f, lo
- ☐ Campsis radicans **Trumpet-creeper** o, lo
- ☐ \*Catalpa speciosa **Northern catalpa** r, lo

#### BORAGINACEAE

- ☐ \*Buglossoides arvensis **Corn-gromwell** o, lo
- ☐ Cynoglossum virginianum **Wild comfrey** o, lo



- ☐ *Echium vulgare* **Common viper's-bugloss** r, mid
- ☐ *Hackelia virginiana* **Beggar's-lice** s, lo-mid
- ☐ *Lithospermum canescens* **Hoary puccoon** r, lo
- ☐ *Mertensia virginica* **Virginia bluebells** r, lo
- ☐ *Myosotis macrosperma* **Large-seed forget-me-not** o, lo-mid
- ☐ *Myosotis scorpioides* **True forget-me-not** s, hs
- ☐ *Myosotis verna* **Spring forget-me-not** s, lo

## BRASSICACEAE

- ☐ *Alliaria petiolata* **Garlic-mustard** r, lo
- ☐ *Arabidopsis thaliana* **Thalecress** s, lo
- ☐ *Arabis canadensis* **Sicklepod** o, lo-mid
- ☐ *Arabis laevigata* var. *burkii* **Smooth rockcress** h, lo-mid
- ☐ *Arabis laevigata* var. *laevigata* **Smooth rockcress** f, lo-mid
- ☐ *Arabis lyrata* **Lyre-leaf rockcress** r, lo
- ☐ *Barbarea verna* **Early yellow-rocket** r, lo
- ☐ *Barbarea vulgaris* **Garden yellow-rocket** o, lo-mid
- ☐ *Brassica juncea* **Chinese mustard** s, lo
- ☐ *Brassica rapa* **Rape** i, lo
- ☐ *Capsella bursa-pastoris* **Shepherd's-purse** i, lo
- ☐ *Cardamine angustata* **Slender toothwort** r, lo
- ☐ *Cardamine clematitis* **Small mountain bittercress** s, mid-hi
- ☐ *Cardamine concatenata* **Cut-leaf toothwort** f, lo-mid
- ☐ *Cardamine dissecta* **Fork-leaf toothwort** r, lo
- ☐ *Cardamine diphylla* **Toothwort, Crinkleroot** c, lo-mid
- ☐ *Cardamine flagellifera* **Blue Ridge bittercress** r, lo
- ☐ *Cardamine hirsuta* **Hairy bittercress** c, lo-mid
- ☐ *Cardamine parviflora* var. *arenicola* **Sand bittercress** o, lo-mid
- ☐ *Cardamine pensylvanica* **Quaker bittercress** r, mid
- ☐ *Cardamine rotundifolia* **American bittercress** r, lo
- ☐ *Conringia orientalis* **Hare's-ear-mustard** r, lo
- ☐ *Draba brachycarpa* **Short-pod whitlow-grass** s, lo
- ☐ *Draba ramosissima* **Branched whitlow-grass** s, lo
- ☐ *Draba verna* **Spring whitlow-grass** s, lo
- ☐ *Erysimum cheiranthoides* **Worm-seed wallflower** r, lo
- ☐ *Lepidium campestre* **Cow-cress** s, lo
- ☐ *Lepidium virginicum* **Poorman's-pepperwort** i, lo
- ☐ *Lunaria annua* **Moneyplant, Annual honesty** r, lo

- ☐ *Microthlaspi perfoliatum* **Pennycress** r, lo
- ☐ *Rorippa nasturtium-aquaticum* **Watercress** o, lo
- ☐ *Rorippa palustris* ssp. *fernaldiana* **Bog yellowcress** s, lo
- ☐ *Sibara virginica* **Virginia winged-rockcress** i, lo
- ☐ *Sisymbrium officinale* **Hedge-mustard** r, lo

## BUDDLEJACEAE

- ☐ *Buddleja davidii* **Orange-eye butterfly-bush** r, lo
- ☐ *Polypermum procumbens* **Juniper-leaf** r, lo

## BUXACEAE

- ☐ *Buxus sempervirens* **Boxwood, Common box** i, hs
- ☐ *Pachysandra procumbens* **Mountain-spurge** r, lo
- ☐ *Pachysandra terminalis* **Japanese mountain-spurge** r, hs

## CALLITRICHACEAE

- ☐ *Callitriche heterophylla* **Greater water-starwort** s, lo
- ☐ *Callitriche terrestris* **Terrestrial water-starwort** r, lo

## CALYCANTHACEAE

- ☐ *Calycanthus floridus* var. *glaucus* **Eastern sweetshrub** c, lo-mid

## CAMPANULACEAE

- ☐ *Campanula aparinoides* **Marsh bellflower** r, lo
- ☐ *Campanula divaricata* **Southern harebell, Small bonny bellflower** c, lo-mid
- ☐ *Campanulastrum americanum* **American-bellflower** o, lo-mid
- ☐ *Lobelia cardinalis* **Cardinal-flower** o, lo-mid
- ☐ *Lobelia inflata* **Indian-tobacco** f, lo-mid
- ☐ *Lobelia puberula* **Downy lobelia** o, lo-mid
- ☐ *Lobelia siphilitica* **Great blue lobelia** o, lo
- ☐ *Lobelia spicata* var. *leptostachys* **Pale-spike lobelia** r, lo
- ☐ *Triodanis perfoliata* var. *perfoliata* **Clasping-leaf Venus'-looking-glass** f, lo-mid

## CANNABACEAE

- ☐ *Cannabis sativa* **Hemp** r, lo

## CAPPARACEAE

- ☐ *Cleome hassleriana* **Pinkqueen** s, lo

## CAPRIFOLIACEAE

- ☐ *Diervilla lonicera* **Northern bush-honeysuckle**



- r, hi
- ☐ *Diervilla sessilifolia* **Southern bush-honeysuckle** c, hi
  - ☐ *Linnaea borealis* **American twinflower** h, mid-hi
  - ☐ *Lonicera canadensis* **American fly-honeysuckle** s, mid-hi
  - ☐ *\*Lonicera fragrantissima* **Sweet-breath-of-spring** r, hs
  - ☐ *\*Lonicera japonica* **Japanese honeysuckle** f, lo
  - ☐ *\*Lonicera korolkowii* **Small-leaved honeysuckle** r, lo
  - ☐ *\*Lonicera maackii* **Amur honeysuckle** s, hs
  - ☐ *\*Lonicera morrowii* **Morrow's honeysuckle** s, lo
  - ☐ *\*Lonicera sempervirens* **Trumpet honeysuckle** s, hs or lo
  - ☐ *\*Lonicera standishii* **Standish's honeysuckle** r, lo
  - ☐ *\*Lonicera tatarica* **Twinsisters** r, hs
  - ☐ *Sambucus nigra* ssp. *canadensis* **Black elder** c, lo-mid
  - ☐ *Sambucus racemosa* var. *pubens* **Red elder** c, wr
  - ☐ *\*Symphoricarpos orbiculatus* **Coral-berry** o, wr
  - ☐ *Triosteum angustifolium* **Yellow-fruit horse-gentian** r, mid
  - ☐ *Triosteum aurantiacum* **Orange-fruit horse-gentian** r, wr
  - ☐ *Viburnum acerifolium* **Maple-leaf arrow-wood** c, lo-mid
  - ☐ *Viburnum dentatum* var. *dentatum* **Southern arrow-wood** s, lo-mid
  - ☐ *\*Viburnum lantana* **Way-faring tree** r, lo
  - ☐ *Viburnum lantanoides* **Hobblebush** c, mid-hi
  - ☐ *Viburnum lentago* **Nanny-berry** h, wr
  - Viburnum nudum* var. *cassinoides* **Possomhaw** o, wr
  - ☐ *\*Viburnum opulus* **Highbush-cranberry** r, hs
  - ☐ *\*Viburnum plicatum* **Japanese-snowball** r, lo
  - ☐ *Viburnum prunifolium* **Smooth blackhaw** s, lo
  - ☐ *Viburnum rufidulum* **Rusty blackhaw** r, lo
  - ☐ *\*Weigela florida* **Old-fashioned weigela** r, hs

#### CARYOPHYLLACEAE

- ☐ *\*Agrostemma githago* **Common corncockle** r, lo
- ☐ *Arenaria serpyllifolia* **Thyme-leaf sandwort** i, wr
- ☐ *\*Cerastium brachypetalum* **Gray mouse-ear chickweed** r, lo
- ☐ *\*Cerastium fontanum* ssp. *vulgare* **Common mouse-ear chickweed** o, lo-mid
- ☐ *\*Cerastium glomeratum* **Sticky mouse-ear chickweed** r, lo
- ☐ *Cerastium nutans* var. *nutans* **Nodding mouse-ear chickweed** o, lo
- ☐ *\*Dianthus armeria* **Deptford pink** o, lo-mid

- ☐ *\*Dianthus barbatus* **Sweetwilliam** r, lo
- ☐ *\*Holosteum umbellatum* **Jagged-chickweed** r, lo
- ☐ *\*Lychnis coronaria* **Rose campion** s, wr
- ☐ *Paronychia canadensis* **Smooth forked nailwort** i, lo-mid
- ☐ *Paronychia fastigiata* **Hairy forked nailwort** s, lo
- ☐ *\*Sagina decumbens* **Trailing pearlwort** s, lo
- ☐ *\*Saponaria officinalis* **Bouncing-bett** o, lo
- ☐ *Silene antirrhina* **Sleepy catchfly** s, lo
- ☐ *\*Silene latifolia* ssp. *alba* **Bladder-campion** s, wr
- ☐ *Silene ovata* **Blue Ridge catchfly** r, mid
- ☐ *Silene rotundifolia* **Round-leaf catchfly** x, lo
- ☐ *Silene stellata* **Widow's-frill** f, lo-mid
- ☐ *Silene virginica* **Fire-pink** f, lo-mid
- ☐ *\*Silene vulgaris* **Maiden's-tears** s, lo-mid
- ☐ *Stellaria alsine* **Bog chickweed** r, hi
- ☐ *Stellaria corei* **Tennessee starwort** o, lo-mid
- ☐ *\*Stellaria graminea* **Grass-leaf starwort** o, lo-mid
- ☐ *Stellaria longifolia* **Long-leaf starwort** x, lo
- ☐ *\*Stellaria media* **Common chickweed** o, lo-mid
- ☐ *Stellaria pubera* **Great chickweed** c, lo-mid

#### CELASTRACEAE

- ☐ *\*Celastrus orbiculata* **Asian bittersweet** o, lo
- ☐ *Celastrus scandens* **American bittersweet** r, lo
- ☐ *\*Euonymus alata* **Winged spindletree** r, lo
- ☐ *Euonymus americana* **Heart's-a-busting, American strawberry-bush** c, lo-mid
- ☐ *Euonymus atropurpurea* **Eastern wahoo** r, lo
- ☐ *\*Euonymus fortunei* **Winter-creeper** i, lo
- ☐ *Euonymus obovata* **Running strawberry-bush** f, mid

#### CHENOPODIACEAE

- ☐ *\*Chenopodium album* **Lamb's-quarters** s, lo
- ☐ *\*Chenopodium ambrosioides* **Mexican-tea** o, lo-mid
- ☐ *\*Chenopodium murale* **Nettle-leaf goosefoot** r, lo

#### CISTACEAE

- ☐ *Helianthemum bicknellii* **Hoary frostweed** x, mid-hi
- ☐ *Helianthemum canadense* **Long-branch frostweed** x, mid
- ☐ *Lechea racemulosa* **Oblong-fruit pinweed** f, wr

#### CLETHRACEAE

- ☐ *Clethra acuminata* **Mountain sweet pepper-bush** o, lo-mid



## CLUSIACEAE

- ☐ *Hypericum densiflorum* **Bushy St. John's-wort** r, lo
- ☐ *Hypericum gentianoides* **Pineweed, Orange-grass** i, lo
- ☐ *Hypericum graveolens* **Mountain St. John's-wort** r, hi
- ☐ *Hypericum hypericoides* ssp. *hypericoides* **St. Andrew's-cross** o, lo
- ☐ *Hypericum hypericoides* ssp. *multicaule* **St. Andrew's-cross** f, wr
- ☐ *Hypericum mitchellianum* **Blue Ridge St. John's-wort** r, mid-hi
- ☐ *Hypericum mutilum* **Dwarf St. John's-wort** f, wr
- ☐ *\*Hypericum perforatum* **Common St. John's-wort** o, lo
- ☐ *Hypericum punctatum* **Spotted St. John's-wort** o, wr

## CONVOLVULACEAE

- ☐ *Calystegia sepium* **Hedge false bindweed** o, lo
- ☐ *Calystegia spithamea* **Low false bindweed** o, lo
- ☐ *\*Ipomoea coccinea* **Redstar** i, lo
- ☐ *\*Ipomoea hederacea* **Ivy-leaf morning-glory** o, lo
- ☐ *Ipomoea lacunosa* **Whitestar** o, lo
- ☐ *Ipomoea pandurata* **Man-of-the-earth** o, lo
- ☐ *\*Ipomoea purpurea* **Common morning-glory** o, lo

## CORNACEAE

- ☐ *Cornus alternifolia* **Alternate-leaf dogwood** f, wr
- ☐ *Cornus amomum* **Silky dogwood** o, lo
- ☐ *Cornus florida* **Flowering dogwood** c, lo-mid

## CRASSULACEAE

- ☐ *\*Hylotelephium spectabile* **Showy annual-stonecrop** r, hs
- ☐ *\*Hylotelephium telephium* **Witch's-moneybags** s, hs
- ☐ *Penthorum sedoides* **Ditch-stonecrop** r, lo
- ☐ *\*Sedum acre* **Mossy stonecrop** r, hs
- ☐ *\*Sedum sarmentosum* **Stringy stonecrop** r, hs
- ☐ *Sedum ternatum* **Woodland stonecrop** c, lo-mid

## CUCURBITACEAE

- ☐ *\*Cucumis melo* **Cantaloupe** r, lo
- ☐ *Melothria pendula* **Melonette, Guadeloupe-cucumber** r, lo
- ☐ *Sicyos angulatus* **One-seed burr-cucumber** r, lo-mid

## CUSCUTACEAE

- ☐ *Cuscuta compacta* **Compact dodder** s, lo

- ☐ *Cuscuta gronovii* **Scaldweed** r, lo
- ☐ *Cuscuta pentagona* var. *pentagona* **Bush-clover dodder** o, lo
- ☐ *Cuscuta rostrata* **Beaked dodder** f, wr

## DIAPENSIACEAE

- ☐ *Galax urceolata* **Galax, Beetleweed** c, wr

## DIPSACACEAE

- ☐ *\*Dipsacus fullonum* **Fuller's teasel** r, hi

## DROSERACEAE

- ☐ *Drosera rotundifolia* **Round-leaf sundew** r, hi

## EBENACEAE

- ☐ *Diospyros virginiana* **Common persimmon** f, lo

## ELAEGNACEAE

- ☐ *\*Elaeagnus angustifolia* **Russian-olive** r, lo

## ERICACEAE

- ☐ *Epigaea repens* **Trailing-arbutus** c, wr
- ☐ *Gaultheria procumbens* **Wintergreen, Eastern teaberry** c, wr
- ☐ *Gaylussacia baccata* **Black huckleberry** o, wr
- ☐ *Gaylussacia ursina* **Bear huckleberry** f, lo-mid
- ☐ *Kalmia latifolia* **Mountain-laurel** c, wr
- ☐ *Leiophyllum buxifolium* **Sand-myrtle** i, mid-hi
- ☐ *Leucothoe fontanesiana* **Highland doghobble** f, wr
- ☐ *Leucothoe recurva* **Red-twig doghobble** i, mid
- ☐ *Lyonia ligustrina* **Maleberry** o, wr
- ☐ *Menziesia pilosa* **Minniebush** s, hi
- ☐ *Oxydendrum arboreum* **Sourwood** c, lo-mid
- ☐ *Pieris floribunda* **Mountain fetterbush** s, mid
- ☐ *Rhododendron arboreescens* **Smooth azalea** s, lo & hi
- ☐ *Rhododendron calendulaceum* **Flame azalea** f, wr
- ☐ *Rhododendron carolinianum* **Carolina rhododendron** o, hi
- ☐ *Rhododendron catawbiense* **Catawba rhododendron** o, mid-hi
- ☐ *Rhododendron cumberlandense* **Cumberland azalea** r, hi
- ☐ *Rhododendron maximum* **Rosebay rhododendron, Great-laurel** c, wr
- ☐ *Rhododendron minus* **Carolina rhododendron** i, lo
- ☐ *Rhododendron periclymenoides* **Pinxter-bush** i, lo
- ☐ *Rhododendron prinophyllum* **Pink azalea** r, mid





- ☐ *Rhododendron viscosum* **Clammy azalea** r, hi
- ☐ *Vaccinium angustifolium* **Late lowbush blueberry** r, mid-hi
- ☐ *Vaccinium arboreum* **Tree sparkle-berry** s, lo
- ☐ *Vaccinium corymbosum* **Highbush blueberry** f, lo-mid
- ☐ *Vaccinium erythrocarpum* **Southern mountain-cranberry** o, hi
- ☐ *Vaccinium hirsutum* **Hairy blueberry** i, lo-mid
- ☐ *Vaccinium myrtilloides* **Velvet-leaf blueberry** r, hi
- ☐ *Vaccinium pallidum* **Early lowbush blueberry** c, wr
- ☐ *Vaccinium simulatum* **Upland highbush blueberry** r, hi
- ☐ *Vaccinium stamineum* **Deerberry** c, lo-mid

### EUPHORBIACEAE

- ☐ *Acalypha gracilens* **Slender three-seed-Mercury** r, lo
- ☐ *Acalypha ostryifolia* **Pineland three-seed-Mercury** r, lo
- ☐ *Acalypha rhomboidea* **Common three-seed-Mercury** o, lo
- ☐ *Acalypha virginica* **Virginia three-seed-Mercury** r, lo
- ☐ *Chamaesyce nutans* **Eyebane** i, lo
- ☐ *Euphorbia commutata* **Tinted woodland spurge** r, lo
- ☐ *Euphorbia corollata* **Flowering spurge** f, lo-mid
- ☐ *Euphorbia dentata* var. *dentata* **Toothed spurge** r, lo
- ☐ *Euphorbia mercurialina* **Mercury spurge** r, lo
- ☐ *Euphorbia pubentissima* **False flowering spurge** r, lo
- ☐ *Euphorbia purpurea* **Darlington's glade spurge** r, mid
- ☐ *Phyllanthus caroliniensis* **Carolina leaf-flower** r, lo

### FABACEAE

- ☐ *\*Albizia julibrissin* **Mimosa, Silktree** i, lo
- ☐ *Amorpha fruticosa* **False indigo-bush** i, lo
- ☐ *Amorpha glabra* **Mountain indigo-bush** s, lo-mid
- ☐ *Amphicarpaea bracteata* **American hog-peanut** c, lo-mid
- ☐ *Apios americana* **Groundnut** i, lo
- ☐ *Astragalus canadensis* **Canadian milk-vetch** s, lo-mid
- ☐ *Baptisia tinctoria* **Wild indigo, Horseflyweed** o, lo-mid
- ☐ *Centrosema virginianum* **Spurred butterfly-pea**

- r, lo
- ☐ *Cercis canadensis* **Redbud** o, lo
- ☐ *Chamaecrista fasciculata* var. *fasciculata* **Sleepingplant** o, lo
- ☐ *Chamaecrista nictitans* ssp. *nictitans* **Partridge-pea** f, lo
- ☐ *Cladrastis kentukea* **Kentucky yellow-wood** i, lo-mid
- ☐ *Clitoria mariana* **Butterfly-pea, Atlantic pigeonwings** o, lo
- ☐ *\*Coronilla varia* **Purple crown-vetch** s, lo
- ☐ *Crotalaria purshii* **Pursh's rattlebox** r, lo
- ☐ *\*Cytisus scoparius* **Scotch broom** r, hi
- ☐ *Desmodium canescens* **Hoary tick-trefoil** r, lo
- ☐ *Desmodium ciliare* **Hairy small-leaf tick-trefoil** f, lo
- ☐ *Desmodium cuspidatum* **Large-bract tick-trefoil** r, lo-mid
- ☐ *Desmodium glabellum* **Dillenius' tick-trefoil** unk
- ☐ *Desmodium glutinosum* **Pointed-leaf tick-trefoil** f, lo-mid
- ☐ *Desmodium laevigatum* **Smooth tick-trefoil** i, lo
- ☐ *Desmodium marilandicum* **Smooth small-leaf tick-trefoil** f, lo-mid
- ☐ *Desmodium nudiflorum* **Naked-flower tick-trefoil** c, lo-mid
- ☐ *Desmodium nuttallii* **Nuttall's tick-trefoil** s, lo
- ☐ *Desmodium paniculatum* var. *paniculatum* **Panicled-leaf tick-trefoil** f, lo-mid
- ☐ *Desmodium pauciflorum* **Few-flower tick-trefoil** o, lo
- ☐ *Desmodium perplexum* **Perplexed tick-trefoil** unk
- ☐ *Desmodium rotundifolium* **Prostrate tick-trefoil** o, lo
- ☐ *Desmodium viridiflorum* **Velvet-leaf tick-trefoil** r, lo
- ☐ *Galactia regularis* **Eastern milk-pea** r, lo
- ☐ *Gleditsia triacanthos* **Honey-locust** s, lo
- ☐ *\*Gymnocladus dioica* **Kentucky coffeetree** r, hs
- ☐ *\*Kummerowia stipulacea* **Korean-clover** i, lo
- ☐ *\*Kummerowia striata* **Japanese-clover** i, lo
- ☐ *\*Laburnum anagyroides* **Golden chain-fern** x, hi
- ☐ *\*Lathyrus latifolius* **Everlasting-pea** s, lo
- ☐ *Lathyrus venosus* var. *intonsus* **Veiny vetchling** s, lo-mid
- ☐ *\*Lespedeza bicolor* **Two-color bush-clover** s, lo-mid
- ☐ *Lespedeza capitata* **Round-head bush-clover** r, lo
- ☐ *\*Lespedeza cuneata* **Chinese bush-clover** f, lo-mid
- ☐ *Lespedeza hirta* **Hairy bush-clover** o, lo-mid



- ☐ Lespedeza X nuttallii **Hybrid bush-clover** r, lo
- ☐ Lespedeza procumbens **Trailing bush-clover** s, lo
- ☐ Lespedeza repens **Creeping bush-clover** o, lo
- ☐ Lespedeza violacea **Violet bush-clover** f, lo-mid
- ☐ Lespedeza virginica **Slender bush-clover** s, lo-mid
- ☐ \*Lotus corniculatus **Garden bird's-foot-trefoil** r, lo
- ☐ \*Medicago lupulina **Black medick** s, lo
- ☐ \*Medicago sativa **Alfalfa** r, hi
- ☐ \*Melilotus officinalis **Yellow sweet-clover** o, lo
- ☐ Mimosa microphylla **Little-leaf mimosa, catclaw** r, lo
- ☐ Orbexilum onobrychis **French-grass** r, lo-mid
- ☐ Orbexilum pedunculatum var. pedunculatum **Sampson's snakeroot** r, lo
- ☐ Phaseolus polystachios **Thicket bean** s, lo
- ☐ \*Pueraria montana var. lobata **Kudzu** i, lo
- ☐ Rhynchosia tomentosa **Twining snout-bean** s, lo
- ☐ Robinia hispida var. hispida **Bristly locust** o, lo-mid
- ☐ Robinia hispida var. kelseyi **Kelsey's locust** r, mid
- ☐ Robinia hispida var. nana **Dwarf bristly locust** r, lo
- ☐ Robinia hispida var. rosea **Boynton's locust** s, mid
- ☐ Robinia pseudoacacia **Black locust** c, lo-mid
- ☐ Senna hebecarpa **American wild sensitive-plant** r, lo
- ☐ Senna marilandica **Maryland wild sensitive-plant** o, lo
- ☐ Senna obtusifolia **Coffeeweed** r, lo
- ☐ Strophostyles umbellata **Pink fuzzy-bean** o, lo
- ☐ Stylosanthes biflora **Side-beak pencil-flower** o, lo
- ☐ Tephrosia spicata **Spiked hoary-pea** r, lo
- ☐ Tephrosia virginiana **Goat's-rue** f, lo-mid
- ☐ Thermopsis fraxinifolia **Ash-leaf golden-banner** r, mid
- ☐ Thermopsis mollis **Allegheny Mountain golden-banner** r, lo-mid
- ☐ Thermopsis villosa **Aaron's-rod** s, lo-mid
- ☐ \*Trifolium aureum **Greater hop clover** s, lo
- ☐ \*Trifolium campestre **Low hop clover** f, lo
- ☐ \*Trifolium dubium **Suckling clover** s, lo
- ☐ \*Trifolium hybridum **Alsike clover** o, wr
- ☐ \*Trifolium incarnatum **Crimson clover** r, lo
- ☐ \*Trifolium pratense **Red clover** c, lo-mid
- ☐ \*Trifolium repens **White clover** c, lo-mid
- ☐ Vicia caroliniana **Carolina vetch** f, lo-mid
- ☐ \*Vicia sativa ssp. nigra **Garden vetch** f, lo-mid
- ☐ \*Vicia villosa ssp. varia **Winter vetch** r, lo
- ☐ \*Vicia villosa ssp. villosa **Winter vetch** h, lo

- ☐ \*Wisteria floribunda **Japanese wisteria** s, lo
- ☐ Wisteria frutescens **American wisteria** s, lo

## FAGACEAE

- ☐ Castanea dentata **American chestnut** o, wr
- ☐ \*Castanea mollissima **Chinese chestnut** r, lo-mid
- ☐ Castanea pumila **Allegheny-chinkapin** r, lo-mid
- ☐ Fagus grandifolia **American beech** c, wr
- ☐ Quercus alba **Northern white oak** c, wr
- ☐ Quercus coccinea **Scarlet oak** f, lo-mid
- ☐ Quercus falcata **Southern red oak** o, lo
- ☐ Quercus imbricaria **Shingle oak** s, lo
- ☐ Quercus marilandica **Blackjack oak** s, lo
- ☐ Quercus muehlenbergii **Chinkapin oak** r, lo-mid
- ☐ \*Quercus palustris **Pin oak** r, lo
- ☐ Quercus prinus **Chestnut oak** c, lo-mid
- ☐ Quercus rubra **Northern red oak** c, wr
- ☐ Quercus shumardii **Shumard's oak** r, lo
- ☐ Quercus stellata **Post oak** s, lo
- ☐ Quercus velutina **Black oak** f, lo-mid

## FUMARIACEAE

- ☐ Adlumia fungosa **Allegheny-vine** r, lo-mid
- ☐ Corydalis flavula **Yellow fumewort** r, lo
- ☐ Corydalis sempervirens **Rock-harlequin** r, mid
- ☐ Dicentra canadensis **Squirrel-corn** f, wr
- ☐ Dicentra cucullaria **Dutchman's-britches** f, wr
- ☐ Dicentra eximia **Fringed bleedinghearts** s, lo-mid

## GENTIANACEAE

- ☐ Bartonia virginica **Yellow screwstem** s, wr
- ☐ Fraxea caroliniensis **American-columbo** r, lo
- ☐ Gentiana decora **Showy gentian** f, lo-mid
- ☐ Gentiana linearis **Narrow-leaf gentian** r, hi
- ☐ Gentiana saponaria **Harvestbells** r, lo
- ☐ Gentiana villosa **Striped gentian** r, lo
- ☐ Gentianella quinquefolia ssp. quinquefolia **Agueweed** i, wr
- ☐ Obolaria virginica **Virginia pennywort** o, lo
- ☐ Sabatia angularis **Rose-pink** o, lo
- ☐ Sabatia campanulata **Slender rose-gentian** r, lo

## GERANIACEAE

- ☐ \*Erodium cicutarium **Pin-clover, Red-stem stork's-bill** r, lo
- ☐ Geranium carolinianum **Carolina crane's-bill** o, lo-mid
- ☐ \*Geranium columbinum **Long-stalk crane's-bill** r, hs
- ☐ Geranium maculatum **Wild geranium, Spotted crane's-bill** f, lo-mid
- ☐ \*Geranium molle **Dove-foot crane's-bill** f, mid



- ☐ \*Geranium thunbergii **Dewdrop crane's-bill** s, lo

## GROSSULARIACEAE

- ☐ Itea virginica **Virginia sweetspire** s, lo
- ☐ \*Ribes aureum var. villosum **Golden currant** r, hs
- ☐ Ribes cynosbati **Eastern prickly gooseberry** o, mid
- ☐ Ribes glandulosum **Skunk currant** i, hi
- ☐ Ribes rotundifolium **Appalachian gooseberry** o, mid-hi

## HALORAGACEAE

- ☐ \*Myriophyllum aquaticum **Parrot's-feather** r, lo

## HAMAMELIDACEAE

- ☐ Hamamelis virginiana **American witch-hazel** c, lo-mid
- ☐ Liquidambar styraciflua **Sweet-gum** f, lo

## HIPPOCASTANACEAE

- ☐ Aesculus flava **Yellow buckeye** c, wr

## HYDRANGACEAE

- ☐ Decumaria barbara **Climbing hydrangea, Woodvamp** r, lo
- ☐ Hydrangea arborescens ssp. arborescens **Wild hydrangea** c, lo-mid
- ☐ Hydrangea cinerea **Ashy hydrangea** r, lo-mid
- ☐ \*Hydrangea paniculata **Panicked hydrangea** r, hs
- ☐ Hydrangea radiata **Silver-leaf hydrangea** o, lo-mid
- ☐ Philadelphus hirsutus **Streambank mock-orange** s, lo
- ☐ Philadelphus inodorus **Scentless mock-orange** s, lo
- ☐ Philadelphus sharpianus **Sharp's mock-orange** r, lo

## HYDROPHYLLACEAE

- ☐ Hydrophyllum canadense **Blunt-leaf waterleaf** f, lo-mid
- ☐ Hydrophyllum macrophyllum **Large-leaf waterleaf** r, lo
- ☐ Hydrophyllum virginianum **Virginia waterleaf, Shawnee-salad** o, mid-hi
- ☐ Nemophila aphylla **Small-flower baby-blue-eyes** unk
- ☐ Phacelia bipinnatifida **Purple phacelia, Fern-leaf scorpion-weed** o, lo-mid
- ☐ Phacelia dubia var. dubia **Small-flower scorpion-weed** s, lo
- ☐ Phacelia fimbriata **Fringed phacelia, Fringed**

- scorpion-weed** o, mid-hi

- ☐ Phacelia purshii **Miami-mist** s, lo

## JUGLANDACEAE

- ☐ Carya alba **Mockernut hickory** c, lo-mid
- ☐ Carya caroliniae-septentrionalis **Southern shag-bark hickory** s, lo
- ☐ Carya cordiformis **Bitter-nut hickory** f, lo-mid
- ☐ Carya glabra **Pignut hickory** f, lo-mid
- ☐ \*Carya illinoensis **Pecan** r, lo
- ☐ Carya ovalis **Red hickory** i, wr
- ☐ Carya ovata **Shag-bark hickory** s, lo-mid
- ☐ Carya pallida **Sand hickory** o, lo
- ☐ Juglans cinerea **Butternut, White walnut** s, lo-mid
- ☐ \*Juglans mandshurica **Manchu walnut** x, hs
- ☐ Juglans nigra **Black walnut** o, lo-mid

## LAMIACEAE

- ☐ Agastache nepetoides **Hyssop** r, lo
- ☐ Agastache scrophulariifolia **Giant hyssop** r, mid
- ☐ \*Ajuga reptans **Bugleweed, Carpet bugle** r, hs
- ☐ Blephilia hirsuta **Woodmint, Hairy pagoda-plant** o, lo-mid
- ☐ \*Clinopodium vulgare **Wild basil** s, lo
- ☐ Collinsonia canadensis **Stoneroot, Richweed** f, lo-mid
- ☐ Collinsonia verticillata **Stoneroot** r, lo
- ☐ Cunila origanoides **Common dittany** s, lo
- ☐ \*Glechoma hederacea **Gill-over-the-ground, Groundivy** f, wr
- ☐ Hedeoma pulegioides **American false pennyroyal** i, lo-mid
- ☐ \*Lamium amplexicaule **Henbit, Giraffehead** f, lo
- ☐ \*Lamium purpureum **Red henbit** i, lo
- ☐ \*Leonurus cardiaca **Motherwort** s, lo
- ☐ Lycopus americanus **Cut-leaf water-horehound** s, lo
- ☐ Lycopus uniflorus **Northern water-horehound** r, lo
- ☐ Lycopus virginicus **Virginia water-horehound** o, lo
- ☐ \*Melissa officinalis **Lemonbalm** r, hs
- ☐ \*Mentha X gracilis **Mint** r, lo
- ☐ \*Mentha X piperita **Peppermint** i, lo
- ☐ \*Mentha spicata **Spearmint** i, lo
- ☐ Monarda clinopodia **White bergamot** f, wr
- ☐ Monarda didyma **Scarlet beebalm** f, mid-hi
- ☐ Monarda fistulosa **Oswego-tea** f, lo-mid
- ☐ Monarda media **Purple bergamot** i, lo-mid
- ☐ Monarda punctata **Spotted beebalm** r, lo
- ☐ \*Nepeta cataria **Catnip** r, hs



- ☐ *\*Perilla frutescens* **Beefsteakplant** i, lo-mid
- ☐ *Physostegia virginiana* ssp. *praemorsa* **Southern Obedient-plant** r, lo
- ☐ *Physostegia virginiana* ssp. *virginiana* **Northern Obedient-plant** s, lo
- ☐ *Prunella vulgaris* **Heal-all, Common selfheal** f, wr
- ☐ *Pycnanthemum loomisii* **Loomis' mountain-mint** o, lo
- ☐ *Pycnanthemum montanum* **Thin-leaf mountain-mint** f, lo-mid
- ☐ *Pycnanthemum muticum* **Clustered mountain-mint** i, lo
- ☐ *Pycnanthemum tenuifolium* **Narrow-leaf mountain-mint** o, lo
- ☐ *Salvia lyrata* **Lyre-leaf sage** o, lo-mid
- ☐ *Scutellaria elliptica* var. *hirsuta* **Hairy skullcap** o, lo
- ☐ *Scutellaria incana* var. *incana* **Hoary skullcap** o, lo-mid
- ☐ *Scutellaria integrifolia* **Helmut-flower** s, lo-mid
- ☐ *Scutellaria lateriflora* **Mad dog skullcap** s, lo-mid
- ☐ *Scutellaria ovata* **Heart-leaf skullcap** s, lo-mid
- ☐ *Scutellaria saxatilis* **Smooth rock skullcap** r, lo
- ☐ *Scutellaria serrata* **Showy skullcap** r, lo
- ☐ *Stachys clingmanii* **Clingman's hedge-nettle** i, mid-hi
- ☐ *Stachys latidens* **Broad-tooth hedge-nettle** o, lo-mid
- ☐ *Stachys nuttallii* **Heart-leaf hedge-nettle** o, lo-mid
- ☐ *Synandra hispidula* **Guyandotte-beauty** r, lo
- ☐ *Teucrium canadense* var. *canadense* **American germander** s, lo
- ☐ *Trichostema dichotomum* **Forked bluecurls** s, lo-mid

#### LAURACEAE

- ☐ *Lindera benzoin* **Northern spicebush** f, lo-mid
- ☐ *Sassafras albidum* **Sassafras** f, lo-mid

#### LINACEAE

- ☐ *Linum intercursum* **Sandplain flax** r, lo
- ☐ *Linum striatum* **Ridged yellow flax** s, lo
- ☐ *Linum virginianum* **Woodland flax** o, lo

#### LOGANIACEAE

- ☐ *Spigelia marilandica* **Indian pink, Woodland pinkroot** s, lo

#### LYTHRACEAE

- ☐ *Ammannia coccinea* **Valley redstem** r, lo
- ☐ *Cuphea viscosissima* ssp. *viscosissima* **Blue waxweed** h, lo
- ☐ *Rotala ramosior* **Lowland toothcup** r, lo

#### MAGNOLIACEAE

- ☐ *Liriodendron tulipifera* **Tuliptree, Yellow poplar** c, lo-mid
- ☐ *Magnolia acuminata* **Cucumber-tree** f, lo-mid
- ☐ *Magnolia fraseri* **Fraser's magnolia** c, lo-mid
- ☐ *\*Magnolia grandiflora* **Southern magnolia** h, lo
- ☐ *Magnolia macrophylla* **Big-leaf magnolia** r, lo
- ☐ *Magnolia tripetala* **Umbrella magnolia** o, lo-mid

#### MALVACEAE

- ☐ *Hibiscus moscheutos* ssp. *moscheutos* **Crimson-eyed rose-mallow** r, lo
- ☐ *\*Hibiscus syriacus* **Rose-of-Sharon, Shrubby althea** s, hs
- ☐ *\*Malva neglecta* **Dwarf mallow** s, lo-mid
- ☐ *\*Malva sylvestris* **High mallow** s, hs
- ☐ *\*Sida spinosa* **Prickly mallow, Prickly fanpetals** r, lo

#### MELASTOMATACEAE

- ☐ *Rhexia mariana* var. *mariana* **Maryland meadow-beauty** s, lo-mid
- ☐ *Rhexia virginica* **Meadow beauty, Handsome-Harry** r, lo-mid

#### MENISPERMACEAE

- ☐ *Cocculus carolinus* **Snailseed, Carolina coral-bead** s, lo
- ☐ *Menispermum canadense* **Canadian moonseed** s, lo

#### MOLLUGINACEAE

- ☐ *\*Mollugo verticillata* **Green carpetweed** r, lo

#### MONOTROPACEAE

- ☐ *Monotropa hypopithys* **Many-flower Indian-pipe** o, lo-mid
- ☐ *Monotropa uniflora* **One-flower Indian-pipe** c, wr
- ☐ *Monotropis odorata* **Sweet pine-sap, Pygmypipes** r, lo-mid

#### MORACEAE

- ☐ *\*Broussonetia papyrifera* **Paper-mulberry** r, hs
- ☐ *\*Maclura pomifera* **Osage-orange** r, hs



- ☐ \*Morus alba **White mulberry** r, hs
- ☐ Morus rubra **Red mulberry** o, lo

#### NYCTAGINACEAE

- ☐ \*Mirabilis jalapa **Four-o'clock, Marvel-of-Peru** h, lo-mid

#### NYMPHAEACEAE

- ☐ \*Nuphar lutea ssp. advena **Yellow pond-lily** h, lo
- ☐ \*Nymphaea odorata **American white water-lily** h, lo

#### NYSSACEAE

- ☐ Nyssa sylvatica **Black gum, Black tupelo** c, lo-mid

#### OLEACEAE

- ☐ Chionanthus virginicus **White fringetree** r, lo
- ☐ \*Forsythia suspensa **Weeping forsythia** r, hs
- ☐ \*Forsythia viridissima **Green-stem forsythia** o, hs
- ☐ Fraxinus americana **White ash** c, wr
- ☐ Fraxinus pennsylvanica **Green ash** i, lo
- ☐ Fraxinus profunda **Pumpkin ash** x, lo
- ☐ \*Ligustrum sinense **Chinese privet** i, lo
- ☐ \*Ligustrum vulgare **European privet** f, lo
- ☐ \*Syringa vulgaris **Common lilac** r, hs

#### ONAGRACEAE

- ☐ Circaea alpina ssp. alpina **Small enchanter's-nightshade** f, mid-hi
- ☐ Circaea lutetiana ssp. canadensis **Broad-leaf enchanter's-nightshade** f, lo-mid
- ☐ Epilobium ciliatum ssp. ciliatum **Fringed willowherb** r, hi
- ☐ Epilobium coloratum **Purple-leaf willowherb** i, wr
- ☐ Gaura biennis **Biennial beeblossom** r, lo
- ☐ Ludwigia alternifolia **Seedbox** o, lo
- ☐ Ludwigia decurrens **Wing-leaf primrose-willow** r, lo
- ☐ \*Ludwigia grandiflora **Large-flower primrose-willow** r, lo
- ☐ Ludwigia palustris **Marsh primrose-willow** r, lo
- ☐ Oenothera biennis **Evening-primrose, King's-cureall** i, lo-mid
- ☐ Oenothera fruticosa ssp. fruticosa **Narrow-leaf evening-primrose** o, lo-mid
- ☐ Oenothera fruticosa ssp. glauca **Narrow-leaf evening-primrose** o, lo-mid
- ☐ Oenothera laciniata **Cut-leaf evening-primrose** r, lo
- ☐ \*Oenothera speciosa **Pinkladies** r, lo-mid

#### OROBANCHACEAE

- ☐ Conopholis americana **American squawroot, Bearcorn** f, lo
- ☐ Epifagus virginiana **Beechdrops** f, wr
- ☐ Orobanche uniflora **One-flowered cancer-root, Naked broom-rape** r, lo-mid

#### OXALIDACEAE

- ☐ Oxalis dillenii **Slender yellow wood-sorrel** f, wr
- ☐ Oxalis grandis **Great yellow wood-sorrel** i, lo-mid
- ☐ Oxalis montana **Wood-sorrel, Sleeping-beauty** f, hi
- ☐ Oxalis stricta **Upright yellow wood-sorrel** f, wr
- ☐ Oxalis violacea **Violet wood-sorrel** s, lo-mid

#### PAPAVERACEAE

- Sanguinaria canadensis **Bloodroot** f, lo

#### PASSIFLORACEAE

- ☐ Passiflora incarnata **Purple passion-flower, May-pop** s, lo
- ☐ Passiflora lutea **Yellow passion-flower** s, lo-mid

#### PHYTOLACCACEAE

- ☐ Phytolacca americana **American pokeweed** o, lo-mid

#### PLANTAGINACEAE

- ☐ Plantago aristata **Large-bract plantain** o, lo
- ☐ \*Plantago lanceolata **English plantain** f, lo-mid
- ☐ Plantago major **Great plantain** r, lo & hi
- ☐ Plantago pusilla **Dwarf plantain** r, mid
- ☐ Plantago rugelii **Black-seed plantain, White man's footprint** f, wr
- ☐ Plantago virginica **Pale-seed plantain** o, lo-mid

#### PLATANACEAE

- ☐ Platanus occidentalis **American sycamore** f, lo-mid

#### PODOSTEMACEAE

- ☐ Podostemum ceratophyllum **Horn-leaf riverweed** o, lo-mid

#### POLEMONIACEAE

- ☐ Phlox amoena **Hairy phlox** r, lo
- ☐ Phlox amplifolia **Large-leaf phlox** o, lo-mid
- ☐ Phlox carolina **Thick-leaf phlox** o, lo-mid
- ☐ Phlox divaricata **Wild blue phlox** o, lo-mid
- ☐ \*Phlox drummondii **Annual phlox** r, hs
- ☐ Phlox glaberrima **Smooth phlox** o, lo-mid



- ☐ Phlox latifolia **Mountain phlox** r, lo
- ☐ Phlox maculata **Wild sweetwilliam** s, lo-mid
- ☐ Phlox paniculata **Fall phlox** o, wr
- ☐ Phlox stolonifera **Creeping phlox** o, lo-mid
- ☐ \*Phlox subulata **Moss phlox** r, lo
- ☐ \*Polemonium reptans var. reptans **Greek-valerian** h, hs

#### POLYGALACEAE

- ☐ Polygala cruciata **Drumheads** h, lo
- ☐ Polygala curtissii **Curtiss' milkwort** f, lo-mid
- ☐ Polygala paucifolia **Gaywings** i, lo
- ☐ Polygala polygama **Racemed milkwort** r, lo
- ☐ Polygala sanguinea **Purple milkwort** f, lo
- ☐ Polygala senega **Seneca-snakeroot** r, lo
- ☐ Polygala verticillata **Whorled milkwort** s, lo

#### POLYGONACEAE

- ☐ \*Fagopyrum vulgare **Garden buckwheat** h, lo
- ☐ Polygonum amphibium var. emersum **Water smartweed** r, lo
- ☐ Polygonum aviculare **Yard knotweed** o, lo
- ☐ Polygonum caespitosum var. longisetum **Oriental lady's-thumb** r, lo
- ☐ Polygonum cilinode **Fringed black-bindweed** r, hi
- ☐ \*Polygonum convolvulus **Black-bindweed** r, mid
- ☐ \*Polygonum cuspidatum **Japanese knotweed** r, lo
- ☐ Polygonum erectum **Erect knotweed** s, lo
- ☐ \*Polygonum hydropiper **Mild water-pepper** unk
- ☐ Polygonum hydropiperoides **Swamp smartweed** i, lo
- ☐ Polygonum lapathifolium **Dock-leaf smartweed** h, lo
- ☐ \*Polygonum orientale **Kiss-me-over-the-garden-gate** h, hs
- ☐ Polygonum pensylvanicum **Pinkweed** o, wr
- ☐ \*Polygonum persicaria **Lady's-thumb** i, wr
- ☐ Polygonum punctatum **Dotted smartweed** o, lo
- ☐ Polygonum sagittatum **Arrow-leaf tearthumb** i, lo
- ☐ Polygonum scandens **Climbing false buckwheat** f, mid-hi
- ☐ Polygonum setaceum **Field smartweed** r, lo-mid
- ☐ Polygonum virginianum **Virginia knotweed, Jumpseed** c, lo-mid
- ☐ \*Rumex acetosella **Common sheep sorrel** f, wr
- ☐ \*Rumex crispus **Curly dock** o, lo-mid
- ☐ \*Rumex obtusifolius **Bitter dock** o, lo-mid

#### PORTULACACEAE

- ☐ Claytonia caroliniana **Carolina springbeauty**

f, mid-hi

- ☐ Claytonia virginica var. acutiflora **Southern springbeauty** i, lo
- ☐ Claytonia virginica var. virginica **Eastern springbeauty** o, lo
- ☐ \*Portulaca oleracea **Common purslane, Little hogweed** s, lo

#### PRIMULACEAE

- ☐ Dodecatheon meadia ssp. meadia **Shootingstar, Pride-of-Ohio** r, lo
- ☐ Lysimachia ciliata **Fringed yellow-loosestrife** r, lo
- ☐ Lysimachia fraseri **Fraser's yellow-loosestrife** h, lo
- ☐ Lysimachia hybrida **Lowland yellow-loosestrife** s, lo
- ☐ Lysimachia lanceolata **Lance-leaf yellow-loosestrife** i, lo
- ☐ \*Lysimachia nummularia **Moneywort, Creeping-Jenny** i, lo-mid
- ☐ Lysimachia quadrifolia **Four-flower yellow-loosestrife** f, lo-mid
- ☐ Lysimachia tonsa **Southern yellow-loosestrife** r, lo
- ☐ Samolus valerandi ssp. parviflorus **Seaside brookweed** o, lo-mid
- ☐ Trientalis borealis **Starflower, Maystar** r, lo

#### PYROLACEAE

- ☐ Chimaphila maculata **Striped pipsissewa** c, wr

#### RANUNCULACEAE

- ☐ Aconitum uncinatum **Southern blue monkshood** i, mid-hi
- ☐ Actaea pachypoda **White baneberry** f, wr
- ☐ Actaea podocarpa **Mountain bugbane** i, mid
- ☐ Actaea racemosa var. racemosa **Black cohosh, Black bugbane** f, lo-mid
- ☐ Anemone lancifolia **Mountain thimbleweed** o, lo-mid
- ☐ Anemone quinquefolia **Wood anemone, Nightcaps** f, wr
- ☐ Anemone virginiana **Tall thimbleweed** o, wr
- ☐ Aquilegia canadensis **Red columbine** i, lo-mid
- ☐ \*Aquilegia vulgaris **European columbine** r, lo
- ☐ Clematis glaucophylla **White-leaf leather-flower** r, lo
- ☐ \*Clematis terniflora **Sweet autumn virgin's-bower** r, lo
- ☐ Clematis viorna **Leather-flower, Vasevine** r, lo-mid



- ☐ *Clematis virginiana* **Virgin's bower, Devil's-darning-needles** f, lo
- ☐ \**Consolida ajacis* **Garden larkspur, Doubtful knight's-spur** r, hs
- ☐ *Delphinium tricornis* **Dwarf larkspur** r, lo & hi
- ☐ *Hepatica nobilis* var. *acuta* **Sharp-lobed liverwort** f, lo-mid
- ☐ *Hepatica nobilis* var. *obtusata* **Round-lobed liverwort** s, lo
- ☐ *Hydrastis canadensis* **Goldenseal** r, hs
- ☐ *Ranunculus abortivus* **Kidney-leaf buttercup** c, lo-mid
- ☐ \**Ranunculus acris* **Tall buttercup** s, hi
- ☐ *Ranunculus allegheniensis* **Allegheny Mountain buttercup** s, mid-hi
- ☐ \**Ranunculus bulbosus* **Bulbous buttercup, St. Anthony's-turnip** o, lo
- ☐ *Ranunculus fascicularis* **Early buttercup** r, lo
- ☐ *Ranunculus hispidus* var. *hispidus* **Bristly buttercup** o, wr
- ☐ *Ranunculus hispidus* var. *nitidus* **Bristly buttercup** o, lo-mid
- ☐ *Ranunculus laxicaulis* **Mississippi buttercup** r, lo
- ☐ \**Ranunculus parviflorus* **Small-flower buttercup** i, lo-mid
- ☐ *Ranunculus pusillus* **Aquatic buttercup, Low spearwort** r, lo
- ☐ *Ranunculus recurvatus* **Hooked buttercup, Blisterwort** f, wr
- ☐ \**Ranunculus repens* **Creeping buttercup** r, hs
- ☐ *Thalictrum clavatum* **Mountain meadow-rue** f, wr
- ☐ *Thalictrum coriaceum* **Maid-of-the-mist** o, lo-mid
- ☐ *Thalictrum dioicum* **Early meadow-rue** f, lo-mid
- ☐ *Thalictrum pubescens* **Tall meadow-rue, King-of-the-meadow** o, mid-hi
- ☐ *Thalictrum revolutum* **Waxy-leaf meadow-rue** o, lo-mid
- ☐ *Thalictrum thalictroides* **Rue-anemone** f, lo-mid
- ☐ *Trautvetteria caroliniensis* **Carolina tassel-rue** o, wr
- ☐ *Xanthorrhiza simplicissima* **Shrub yellowroot** f, lo-mid

#### RHAMNACEAE

- ☐ *Ceanothus americanus* **New Jersey-tea** o, lo
- ☐ *Frangula caroliniana* **Carolina buckthorn** s, lo

#### ROSACEAE

- ☐ *Agrimonia gryposepala* **Tall hairy grooveburr** o, lo-mid
- ☐ *Agrimonia parviflora* **Harvestlice** f, lo

- ☐ *Agrimonia pubescens* **Soft grooveburr** o, lo
- ☐ *Agrimonia rostellata* **Beaked grooveburr** o, lo
- ☐ *Amelanchier arborea* **Hairy-leaved shadbush, Downy service-berry** o, lo-mid
- ☐ *Amelanchier laevis* **Smooth shadbush, Allegheny service-berry** f, lo-mid
- ☐ *Amelanchier sanguinea* **Round-leaf service-berry** r, lo
- ☐ *Amelanchier stolonifera* **Running service-berry** r, lo
- ☐ \**Aphanes microcarpa* **Slender parsley-piert** r, lo
- ☐ \**Argentina anserina* **Common silverweed** r, mid
- ☐ *Aruncus dioicus* **Goat's beard, Bride's-feathers** o, lo-mid
- ☐ \**Chaenomeles speciosa* **Common flowering-quince** r, hs
- ☐ *Crataegus calpodendron* **Pear hawthorn** s, lo
- ☐ *Crataegus crus-galli* **Cock-spur hawthorn** i, lo-mid
- ☐ *Crataegus intricata* **Copenhagen hawthorn** i, lo
- ☐ *Crataegus iracunda* **Stolon-bearing hawthorn** r, lo
- ☐ *Crataegus macrocarpa* **Big-fruit hawthorn** f, lo-mid
- ☐ *Crataegus pinetorum* **Pineland hawthorn** s, lo
- ☐ *Crataegus pruinosa* **Waxy-fruit hawthorn** r, lo-mid
- ☐ *Crataegus punctata* **Dotted hawthorn** r, lo
- ☐ \**Duchesnea indica* **Indian strawberry** f, lo
- ☐ *Fragaria vesca* **Woodland strawberry** r, lo
- ☐ *Fragaria virginiana* **Wild strawberry** f, wr
- ☐ *Geum aleppicum* **Yellow avens** r, hi
- ☐ *Geum canadense* **White avens** o, lo-mid
- ☐ *Geum radiatum* **Appalachian avens** r, hi
- ☐ *Geum vernum* **Spring avens** o, lo-mid
- ☐ *Geum virginianum* **Cream avens** s, lo-mid
- ☐ \**Kerria japonica* **Japanese-rose** r, hs
- ☐ *Malus angustifolia* **Southern crabapple** s, lo
- ☐ *Malus coronaria* **Sweet crabapple** r, hi
- ☐ \**Malus pumila* **Cultivated apple** i, hs
- ☐ *Photinia floribunda* **Purple chokeberry** h, lo
- ☐ *Photinia melanocarpa* **Black chokeberry** i, wr
- ☐ *Photinia pyrifolia* **Red chokeberry** s, wr
- ☐ *Physocarpus opulifolius* **Atlantic ninebark** r, lo
- ☐ *Porteranthus stipulatus* **Indian-physic** r, lo-mid
- ☐ *Porteranthus trifoliatus* **Bowman's-root** f, lo-mid
- ☐ *Potentilla canadensis* **Dwarf cinquefoil** f, wr
- ☐ *Potentilla norvegica* **Norwegian cinquefoil** i, wr
- ☐ \**Potentilla recta* **Sulphur cinquefoil** s, lo-mid
- ☐ *Potentilla simplex* **Oldfield cinquefoil** f, lo-mid
- ☐ *Prunus americana* **American plum** s, lo
- ☐ *Prunus angustifolia* **Chickasaw plum** r, lo



- ☐ \*Prunus avium **Sweet cherry** r, lo
- ☐ \*Prunus cerasus **Sour cherry** r, hs
- ☐ Prunus hortulana **Hortulan plum** r, lo
- ☐ \*Prunus munsoniana **Wild goose plum** r, hs
- ☐ Prunus pensylvanica **Pin cherry, Fire cherry** f, mid-hi
- ☐ \*Prunus persica **Peach** r, hs
- ☐ Prunus serotina **Black cherry** c, wr
- ☐ \*Prunus triloba **Flowering plum** r, hs
- ☐ Prunus virginiana **Choke cherry** r, mid
- ☐ \*Pyrus calleryana **Bradford pear** r, lo
- ☐ \*Pyrus communis **Common pear** r, hs
- ☐ Rosa arkansana **Arkansas rose** h, mid
- ☐ \*Rosa canina **Dog rose** r, hs
- ☐ Rosa carolina **Carolina rose** s, lo-mid
- ☐ \*Rosa centifolia **Cabbage rose** r, hs
- ☐ \*Rosa eglanteria **Sweetbrier** s, hs
- ☐ \*Rosa multiflora **Multiflora rose, Rambler rose** o, hs
- ☐ Rosa palustris **Swamp rose** o, lo-mid
- ☐ Rosa setigera **Climbing rose** r, lo
- ☐ \*Rosa wichuraiana **Memorial rose** r, hs
- ☐ Rubus allegheniensis **Allegheny blackberry** f, lo
- ☐ Rubus alumnus **Oldfield blackberry** o, lo
- ☐ Rubus argutus **Saw-tooth blackberry** f, lo
- ☐ Rubus canadensis **Smooth blackberry** f, wr
- ☐ Rubus flagellaris **Whiplash dewberry** o, lo
- ☐ Rubus hispidus **Bristly dewberry** r, lo
- ☐ Rubus idaeus ssp. strigosus **Common red raspberry** s, hi
- ☐ Rubus occidentalis **Black raspberry** o, lo
- ☐ Rubus odoratus **Purple-flowering raspberry** o, wr
- ☐ \*Rubus phoenicolasius **Wineberry, Wine raspberry** r, lo
- ☐ Rubus suus **Branched blackberry** o, lo
- ☐ Rubus trux **Lookout Mountain blackberry** s, lo
- ☐ Sorbus americana **American mountain-ash** o, hi
- ☐ \*Sorbus aucuparia **Rowan tree, European mountain-ash** x, hi
- ☐ \*Spiraea japonica **Japanese meadowsweet** r, hs
- ☐ \*Spiraea prunifolia **Bridalwreath** s, lo-mid
- ☐ Spiraea tomentosa **Steeplebush** r, lo
- ☐ \*Spiraea X vanhouttei **Van-houtte's spiraea** r, hs
- ☐ Spiraea virginiana **Virginia meadowsweet** r, lo
- ☐ Waldsteinia fragarioides ssp. doniana **Appalachian barren-strawberry** s, lo

#### RUBIACEAE

- ☐ Cephalanthus occidentalis **Common buttonbush** r, lo
- ☐ \*Cruciata pedemontana **Piedmont-bedstraw** r,

lo-mid

- ☐ Diodia teres **Rough buttonweed, Poorjoe** o, lo
- ☐ Diodia virginiana **Virginia buttonweed** o, lo
- ☐ Galium aparine **Cleavers, Sticky-willy** f, lo-mid
- ☐ Galium circaezans **Licorice bedstraw** o, lo
- ☐ \*Galium divaricatum **Lamarck's bedstraw** r, lo
- ☐ Galium lanceolatum **Lance-leaf wild licorice** o, lo-mid
- ☐ Galium latifolium **Purple bedstraw** o, lo-mid
- ☐ Galium obtusum **Blunt-leaf bedstraw** r, lo
- ☐ Galium pilosum var. pilosum **Hairy bedstraw** f, lo-mid
- ☐ Galium pilosum var. punctulosum **Hairy bedstraw** o, lo-mid
- ☐ Galium tinctorium **Stiff marsh bedstraw** o, lo
- ☐ Galium triflorum **Fragrant bedstraw** f, wr
- ☐ Houstonia caerulea **Bluet, Quaker-ladies** s, lo
- ☐ Houstonia longifolia **Long-leaf summer bluet** o, wr
- ☐ Houstonia purpurea var. purpurea **Woodland bluet** f, lo-mid
- ☐ Houstonia serpyllifolia **Thyme-leaf bluet** f, wr
- ☐ Mitchella repens **Partridge-berry** c, lo-mid
- ☐ \*Sherardia arvensis **Blue field-madder** r, lo

#### RUTACEAE

- ☐ \*Poncirus trifoliata **Hardy-orange** r, hs
- ☐ \*Zanthoxylum americanum **Toothachetree** r, hs

#### SALICACEAE

- ☐ \*Populus alba **Silver poplar** r, lo
- ☐ \*Populus balsamifera ssp. balsamifera **Balsam poplar** r, lo
- ☐ \*Populus X canescens **Gray poplar** r, hs
- ☐ Populus deltoides **Eastern cottonwood** r, lo
- ☐ Populus grandidentata **Big-tooth aspen** r, lo & hi
- ☐ \*Populus nigra **Black poplar** r, hs
- ☐ \*Salix alba **White willow** r, lo
- ☐ \*Salix babylonica **Weeping willow** r, lo
- ☐ \*Salix caprea **Goat willow** r, lo
- ☐ Salix caroliniana **Carolina willow** r, lo
- ☐ Salix humilis var. humilis **Prairie willow** s, lo-mid
- ☐ Salix humilis var. tristis **Dwarf willow** r, hi
- ☐ Salix nigra **Black willow** i, lo-mid
- ☐ Salix sericea **Silky willow** f, wr

#### SANTALACEAE

- ☐ Pyralia pubera **Buffalo-nut, Oil-nut** c, lo-mid

#### SAXIFRAGACEAE

- ☐ Astilbe biternata **Appalachian false goat's-beard** f, lo-mid





- ☐ Boykinia acontifolia **Allegheny brookfoam** r, lo
- ☐ Chrysosplenium americanum **American golden-saxifrage** o, wr
- ☐ Heuchera americana **American alumroot** f, lo-mid
- ☐ Heuchera longiflora **Long-flower alumroot** s, lo-mid
- ☐ Heuchera pubescens **Downy alumroot** r, hi
- ☐ Heuchera villosa **Hairy alumroot** f, lo-mid
- ☐ Mitella diphylla **Two-leaf bishop's-cap** f, lo-mid
- ☐ Parnassia asarifolia **Kidney-leaf Grass-of-Parnassus** r, mid-hi
- ☐ Saxifraga careyana **Golden-eye saxifrage** s, wr
- ☐ Saxifraga caroliniana **Carolina saxifrage** unk
- ☐ Saxifraga michauxii **Michaux's saxifrage** c, hi
- ☐ Saxifraga micranthidifolia **Lettuce-leaf lettuce** c, lo-mid
- ☐ Saxifraga virginensis **Early saxifrage** r, lo
- ☐ Tiarella cordifolia var. cordifolia **Heart-leaf foamflower** c, wr
- ☐ Tiarella cordifolia var. collina **Heart-leaf foamflower** s, lo

#### SCROPHULARIACEAE

- ☐ Agalinis purpurea **Purple false foxglove** r, lo
- ☐ Agalinis setacea **Thread-leaf false foxglove** r, lo
- ☐ Agalinis tenuifolia **Slender-leaf false foxglove** r, lo-mid
- ☐ Aureolaria flava **Smooth yellow false foxglove** o, lo-mid
- ☐ Aureolaria laevigata **Entire-leaf yellow false foxglove** o, lo-mid
- ☐ Aureolaria pectinata **Comb-leaf yellow false foxglove** s, lo-mid
- ☐ Aureolaria virginica **Downy yellow false foxglove** r, lo
- ☐ Castilleja coccinea **Scarlet Indian-paintbrush** r, mid-hi
- ☐ Chelone glabra **White turtlehead** o, lo-mid
- ☐ Chelone lyonii **Pink turtlehead** f, wr
- ☐ Chelone obliqua **Red turtlehead** h, hi
- ☐ \*Digitalis purpurea **Purple foxglove** h, lo
- ☐ Gratiola neglecta **Clammy hedge-hyssop** r, lo
- ☐ Gratiola virginiana **Round-fruit hedge-hyssop** r, lo
- ☐ \*Linaria vulgaris **Greater butter-and-eggs** r, lo-mid
- ☐ Lindernia dubia var. anagallidea **Yellow-seed false pimpernel** r, lo
- ☐ Lindernia dubia var. dubia **Yellow-seed false pimpernel** s, lo
- ☐ \*Mazus pumilus **Japanese mazus** s, lo

- ☐ \*Mazus miquelii **Creeping mazus** r, lo
- ☐ Melampyrum lineare **American cow-wheat** c, lo-mid
- ☐ Mimulus alatus **Sharp-wing monkey-flower** r, lo
- ☐ Mimulus ringens **Monkey-flower** s, lo-mid
- ☐ Nuttallanthus canadensis **Oldfield-toadflax** r, lo
- ☐ \*Paulownia tomentosa **Princesstree** o, lo
- ☐ Pedicularis canadensis **Wood betony, Canadian lousewort** c, wr
- ☐ Penstemon canescens **Eastern gray beardtongue** o, lo-mid
- ☐ \*Penstemon digitalis **Foxglove beardtongue** h, lo
- ☐ Penstemon laevigatus **Eastern smooth beardtongue** r, lo
- ☐ Penstemon smallii **Small's beardtongue** r, mid
- ☐ Scrophularia marilandica **Figwort, Carpenter's-square** s, wr
- ☐ \*Verbascum blattaria **White moth mullein** r, wr
- ☐ \*Verbascum thapsus **Great mullein** f, wr
- ☐ \*Verbascum virgatum **Wand mullein** r, lo
- ☐ \*Veronica agrestis **Green field speedwell** r, lo
- ☐ Veronica anagallis-aquatica **Water speedwell** r, lo
- ☐ \*Veronica arvensis **Corn speedwell** o, lo
- ☐ \*Veronica hederifolia **Ivy-leaf speedwell** r, lo
- ☐ \*Veronica officinalis **Common gypsyweed** o, wr
- ☐ Veronica peregrina **Purslane speedwell** i, lo
- ☐ \*Veronica persica **Speedwell** r, lo
- ☐ \*Veronica serpyllifolia **Thyme-leaf speedwell** o, wr
- ☐ Veronicastrum virginicum **Culver's-root** r, hs

#### SIMAROUBACEAE

- ☐ \*Ailanthus altissima **Tree-of-heaven** s, lo

#### SOLANACEAE

- ☐ \*Datura stramonium **Jimsonweed** r, lo
- ☐ \*Nicandra physalodes **Apple-of-Peru** i, lo
- ☐ Physalis angulata **Cut-leaf ground-cherry** r, lo
- ☐ Physalis grisea **Strawberry-tomato** r, lo
- ☐ Physalis heterophylla **Clammy ground-cherry** r, lo
- ☐ Physalis longifolia var. subglabrata **Long-leaf ground-cherry** r, lo
- ☐ Physalis pubescens **Husk-tomato** r, lo
- ☐ Physalis virginiana **Virginia ground-cherry** s, lo
- ☐ Solanum carolinense **Carolina horse-nettle** f, lo-mid
- ☐ \*Solanum lycopersicum var. lycopersicum **Tomato** r, lo
- ☐ Solanum ptychanthum **Nightshade** s, lo



## STAPHYLEACEAE

- ☐ *Staphylea trifolia* **Bladdernut** r, lo

## STYRACACEAE

- ☐ *Halesia tetraptera* var. *monticola* **Silverbell** c, lo-mid

## SYMPLOCACEAE

- ☐ *Symplocos tinctoria* **Sweetleaf** x, lo

## THEACEAE

- ☐ *Stewartia ovata* **Mountain-camellia** s, lo-mid

## THYMELAEACEAE

- ☐ *Dirca palustris* **Eastern leatherwood** r, lo

## TILIACEAE

- ☐ *Tilia americana* var. *americana* **American basswood** r, mid
- ☐ *Tilia americana* var. *heterophylla* **White basswood** c, lo-mid

## ULMACEAE

- ☐ *Celtis laevigata* **Sugar-berry** r, lo
- ☐ *Celtis occidentalis* **Common hackberry** r, lo
- ☐ *Celtis tenuifolia* **Dwarf hackberry** s, lo
- ☐ *Ulmus alata* **Winged elm** f, lo
- ☐ *Ulmus americana* **American elm** f, lo
- ☐ \**Ulmus pumila* **Siberian elm** x, hs
- ☐ *Ulmus rubra* **Slippery elm** i, lo

## URTICACEAE

- ☐ *Boehmeria cylindrica* **Button-hemp, Small-spike false nettle** o, lo-mid
- ☐ *Laportea canadensis* **Canadian wood-nettle** f, wr
- ☐ *Parietaria pensylvanica* **Pennsylvania pellitory** r, lo
- ☐ *Pilea pumila* **Richweed, Canadian clearweed** o, lo

## VALERIANACEAE

- ☐ *Valerianella radiata* **Beaked cornsalad** f, lo
- ☐ *Valerianella umbilicata* **Navel cornsalad** r, lo

## VERBENACEAE

- ☐ *Callicarpa americana* **Beauty-berry** r, lo
- ☐ *Phryma leptostachya* **Lopseed** o, lo-mid
- ☐ \**Verbena brasiliensis* **Blue vervain** r, lo
- ☐ *Verbena simplex* **Narrow-leaf vervain** r, lo
- ☐ *Verbena urticifolia* **White vervain** s, lo

## VIOLACEAE

- ☐ *Hybanthus concolor* **Green violet** s, lo
- ☐ *Viola bicolor* **Wild pansy** i, lo-mid
- ☐ *Viola blanda* **Sweet white violet** c, lo-mid
- ☐ *Viola canadensis* var. *canadensis* **Canadian violet** c, wr
- ☐ *Viola labradorica* **Alpine violet** f, lo
- ☐ *Viola cucullata* **Marsh blue violet** f, lo-mid
- ☐ *Viola hastata* **Halberd-leaf yellow violet** c, lo-mid
- ☐ *Viola hirsutula* **Southern wood violet** i, lo
- ☐ *Viola lanceolata* **Bog white violet** r, lo
- ☐ *Viola macloskeyi* **Smooth white violet** i, mid-hi
- ☐ \**Viola odorata* **Sweet violet** r, lo
- ☐ *Viola palmata* var. *palmata* **Early blue violet** i, lo
- ☐ *Viola pedata* var. *pedata* **Bird-foot violet** i, lo-mid
- ☐ *Viola primulifolia* var. *primulifolia* **Primrose-leaf violet** r, lo
- ☐ *Viola pubescens* var. *pubescens* **Hairy yellow violet** h, lo
- ☐ *Viola pubescens* var. *scabriuscula* **Smooth yellow violet** f, lo-mid
- ☐ *Viola rostrata* **Beaked violet** f, lo-mid
- ☐ *Viola rotundifolia* **Round-leaf violet** c, wr
- ☐ *Viola sagittata* var. *sagittata* **Arrow-leaf violet** i, wr
- ☐ *Viola sagittata* var. *ovata* **Arrow-leaf violet** r, hi
- ☐ *Viola sororia* var. *missouriensis* **Missouri violet** f, lo
- ☐ *Viola sororia* var. *sororia* x *Viola sagittata* var. *ovata* r, lo
- ☐ *Viola sororia* var. *sororia* **Hooded blue violet** c, lo-mid
- ☐ *Viola striata* **Striped cream violet** f, lo
- ☐ *Viola subsinuata* **Wood violet** f, lo
- ☐ *Viola triloba* var. *triloba* **Three-lobe violet** o, lo-mid
- ☐ *Viola walteri* var. *walteri* **Prostrate blue violet** r, lo

## VISCACEAE

- ☐ *Phoradendron leucarpum* **American mistletoe** o, lo-mid

## VITACEAE

- ☐ \**Ampelopsis arborea* **Peppervine** r, lo
- ☐ *Ampelopsis cordata* **Heart-leaf peppervine** r, lo
- ☐ *Parthenocissus quinquefolia* **Virginia creeper** c, lo-mid
- ☐ *Vitis aestivalis* var. *bicolor* **Summer grape** c, lo-mid
- ☐ *Vitis cinerea* var. *baileyana* **Downy grape** r, lo



- ☐ *Vitis labrusca* **Fox grape** s, lo
- ☐ *Vitis rotundifolia* **Muscadine** o, lo
- ☐ *Vitis vulpina* **Frost grape** f, lo-mid

## REFERENCES

Taxonomy follows Kartesz, J.T. 1999. *A Synonymized Checklist and Atlas with Biological Attributes for the Vascular Flora of the United States, Canada, and Greenland*. First Edition. In: Kartesz, I.L., and C.A. Meacham. *Synthesis of the North American Flora*, Version 1.0. North Carolina Botanical Garden, Chapel Hill, NC.

White, P.S. 1982 *The Flora of Great Smoky Mountains National Park: An Annotated Checklist of the Vascular Plants and a Review of Previous Floristic Work*. Research/Resource Management Report SER-55. National Park Service.

Revised 3/08 by Janet Rock and Keith Langdon, National Park Service.

## FURTHER READING

Listed below are some references that are helpful for vascular plant identification in the Smokies:

*A Field Guide to Wildflowers*, The Peterson Field Guide Series—Northeastern and Northcentral North America.

*Newcomb's Wildflower Guide*, Lawrence Newcomb.

*Manual of the Vascular Flora of the Carolinas*, Albert E. Radford, H.E. Ahles, C. R. Bell.  
*Guide to the Vascular Plants of the Blue Ridge*, B. Eugene Wofford.

*Wildflowers of the Smokies*, Peter White, Tom Condon, Janet Rock, Carol McCormick, Pat Beatty, Keith Langdon.

## PLANT OBSERVATIONS

The staff of Great Smoky Mountains National Park is interested in your observations of rarer plants in the park or the discovery of species that may be new for the park. Information on uncommon plant species that is of assistance to the park staff includes:

- ◆ exact location
- ◆ elevation
- ◆ number of fertile plants
- ◆ percentage of plants in each stage of reproduction (bud, flower, fruit, etc.)
- ◆ Your familiarity with the species

Send observations of unusual flora to:  
 Inventory and Monitoring Office  
 Great Smoky Mountains National Park  
 1316 Cherokee Orchard Road  
 Gatlinburg, TN 37738

Remember, collection of plant material requires a permit which is usually granted only for research or educational purposes. Sketching or photography are the preferable ways to document a plant's occurrence.

