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INTRODUCTION



Plant trees. They give us two of the most crucial elements for our survival: oxygen and books. – A. Whitney Brown

<input type="checkbox"/>	Basswoods - Tiliaceae	
<input type="checkbox"/>	white basswood	<i>Tilia americana var heterophylla</i>
<input type="checkbox"/>	Beeches - Fagaceae	
<input type="checkbox"/>	American chestnut	<i>Castanea dentata</i>
<input type="checkbox"/>	American beech	<i>Fagus grandifolia</i>
<input type="checkbox"/>	white oak	<i>Quercus alba</i>
<input type="checkbox"/>	scarlet oak	<i>Quercus coccinea</i>
<input type="checkbox"/>	shingle oak	<i>Quercus imbricaria</i>
<input type="checkbox"/>	chestnut oak	<i>Quercus montana</i>
<input type="checkbox"/>	northern red oak	<i>Quercus rubra</i>
<input type="checkbox"/>	black oak	<i>Quercus velutina</i>
<input type="checkbox"/>	Bignonias - Bignoniaceae	
<input type="checkbox"/>	catalpa tree	<i>Catalpa bignoniodes</i>
<input type="checkbox"/>	Birches - Betulaceae	
<input type="checkbox"/>	yellow birch	<i>Betula alleghaniensis</i>
<input type="checkbox"/>	sweet birch	<i>Betula lenta</i>
<input type="checkbox"/>	ironwood	<i>Carpinus caroliniana</i>
<input type="checkbox"/>	hop-hornbeam	<i>Ostrya virginiana</i>
<input type="checkbox"/>	Blackgums - Nyssaceae	
<input type="checkbox"/>	blackgum	<i>Nyssa sylvatica</i>
<input type="checkbox"/>	Buckeyes - Hippocastanaceae	
<input type="checkbox"/>	yellow buckeye	<i>Aesculus flava</i>
<input type="checkbox"/>	Cypresses - Cupressaceae	
<input type="checkbox"/>	eastern red cedar	<i>Juniperus virginiana</i>
<input type="checkbox"/>	Dogwoods - Cornaceae	
<input type="checkbox"/>	alternate-leaf dogwood	<i>Cornus alternifolia</i>
<input type="checkbox"/>	flowering dogwood	<i>Cornus florida</i>
<input type="checkbox"/>	Elms - Ulmaceae	
<input type="checkbox"/>	slippery elm	<i>Ulmus rubra</i>
<input type="checkbox"/>	Figworts - Scrophulariaceae	
<input type="checkbox"/>	princess tree	<i>Paulownia tomentosa</i>
<input type="checkbox"/>	Ginsengs - Araliaceae	
<input type="checkbox"/>	devil's walkingstick	<i>Aralia spinosa</i>
<input type="checkbox"/>	Heaths - Ericaceae	
<input type="checkbox"/>	sourwood	<i>Oxydendrum arboreum</i>
<input type="checkbox"/>	Hollies - Aquifoliaceae	
<input type="checkbox"/>	hillside holly	<i>Ilex beadlei</i>
<input type="checkbox"/>	mountain holly	<i>Ilex montana</i>
<input type="checkbox"/>	American holly	<i>Ilex opaca</i>
<input type="checkbox"/>	winterberry holly	<i>Ilex verticillata</i>
<input type="checkbox"/>	Laurels - Lauraceae	
<input type="checkbox"/>	sassafras	<i>Sassafras albidum</i>
<input type="checkbox"/>	Legumes - Fabaceae	
<input type="checkbox"/>	bristly locust	<i>Robinia hispida</i>
<input type="checkbox"/>	black locust	<i>Robinia pseudoacacia</i>



Magnolias - Magnoliaceae

- tulip poplar *Liriodendron tulipifera*
- cucumber magnolia *Magnolia acuminata*
- fraser magnolia *Magnolia fraseri*

Maples - Aceraceae

- box-elder *Acer negundo*
- striped maple *Acer pensylvanicum*
- red maple *Acer rubrum*
- sugar maple *Acer saccharum*
- mountain maple *Acer spicatum*

Mimosas - Mimosaceae

- mimosa *Albizia julibrissin*

Olives - Oleaceae

- white ash *Fraxinus americana*

Pines - Pinaceae

- Norway spruce *Picea abies*
- red spruce *Picea rubens*
- pitch pine *Pinus rigida*
- white pine *Pinus strobus*
- Virginia pine *Pinus virginiana*
- eastern hemlock *Tsuga canadensis*

Quassias - Simaroubaceae

- tree of heaven *Ailanthus altissima*

Roses - Rosaceae

- smooth serviceberry *Amelanchier laevis*
- cockspur hawthorn *Crataegus cf. crus-galli*
- fanleaf hawthorn *Crataegus cf. macrosperma*
- southern crab apple *Malus angustifolia*
- sweet crab apple *Malus coronaria*
- common apple *Malus pumila*
- American plum *Prunus americana*
- sour cherry *Prunus cerasus*
- pin cherry *Prunus pensylvanica*
- black cherry *Prunus serotina*

Storaxes - Styracaceae

- Carolina silverbell *Halesia tetraptera*

Sumacs - Anacardiaceae

- smooth sumac *Rhus glabra*
- staghorn sumac *Rhus typhina*

Sycamores - Platanaceae

- sycamore *Platanus occidentalis*

Walnuts - Juglandaceae

- mockernut hickory *Carya alba*
- bitternut hickory *Carya cordiformis*
- pignut hickory *Carya glabra*
- southern pignut hickory *Carya ovalis*
- butternut *Juglans cinerea*
- black walnut *Juglans nigra*

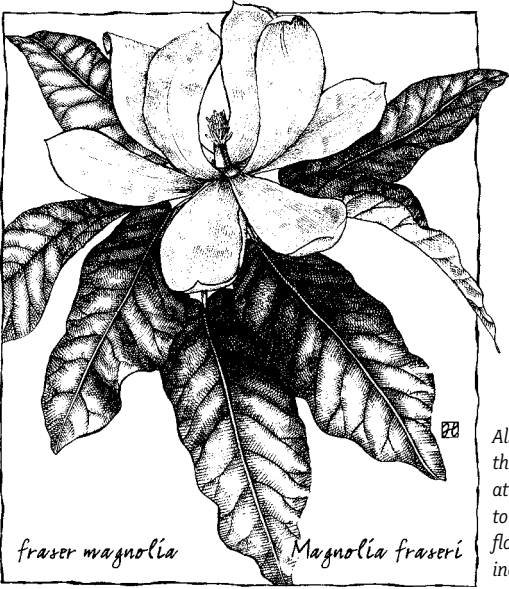


Willows - Salicaceae

- black willow *Salix nigra*

Witch-hazels - Hamamelidaceae

- witch hazel *Hamamelis virginiana*



fraser magnolia

Magnolia fraseri

Also called the earleaf magnolia, the Fraser magnolia has two lobes at the base of each leaf similar to ear lobes. The white, fragrant flower blooms in May and is 8 to 10 inches across.



HRUBS & VINES

Every vine climbing and blossoming tells of love and joy. – Robert G. Ingersoll

Barberries - Berberidaceae

- Japanese barberry *Berberis thunbergii*

Beeches - Fagaceae

- chinquapin *Castanea pumila*

Bignonias - Bignoniaceae

- trumpet vine *Campsis radicans*

Birches - Betulaceae

- smooth alder *Alnus serrulata*
- hazelnut *Corylus americana*

Birthworts - Aristolochiaceae

- pipevine/Dutchman's pipe *Aristolochia macrophylla*

Bittersweets - Celastraceae

- oriental bittersweet *Celastrus orbiculatus*
- hearts-a-bustin *Euonymus americanus*
- hearts-a-bustin *Euonymus obovatus*

Buckthorns - Rhamnaceae

- New jersey tea *Ceanothus americanus*



Buttercups - Ranunculaceae

- leatherflower *Clematis viorna*
- virgin's bower *Clematis virginiana*

Clethras - Clethraceae

- sweet pepper bush *Clethra acuminata*

Currants - Grossulariaceae

- gooseberry *Ribes cynosbati*

Ginsengs - Araliaceae

- English ivy *Hedera helix*

Grapes - Vitaceae

- Virginia creeper *Parthenocissus quinquefolia*
- summer grape *Vitis aestivalis*
- silverleaf grape *Vitis aestivalis var bicolor*
- fox grape *Vitis labrusca*
- frost grape *Vitis vulpina*

Greenbriers - Smilacaceae

- catbrier *Smilax glauca*
- common greenbrier *Smilax rotundifolia*
- bristly greenbrier *Smilax tamnoides*

Heaths - Ericaceae

- trailing arbutus *Epigaea repens*
- mountain fetterbush *Eubotrys recurva*
- bear huckleberry *Gaylussacia ursina*
- mountain laurel *Kalmia latifolia*
- doghobble *Leucothoe fontanesiana*
- northern maleberry *Lyonia ligustrina*
- flame azalea *Rhododendron calendulaceum*
- Cumberland azalea *Rhododendron cumberlandense*
- rosebay rhododendron *Rhododendron maximum*
- highbush blueberry *Vaccinium corymbosum*
- bearberry *Vaccinium erythrocarpum*
- lowbush blueberry *Vaccinium pallidum*
- highbush blueberry *Vaccinium simulatum*
- deerberry *Vaccinium stamineum*

Honeysuckles - Caprifoliaceae

- bush honeysuckle *Diervilla sessilifolia*
- American fly honeysuckle *Lonicera canadensis*
- yellow honeysuckle *Lonicera flava*
- Japanese honeysuckle *Lonicera japonica*
- common elderberry *Sambucus canadensis*
- red elderberry *Sambucus pubens*
- coral berry *Symphoricarpos orbiculatus*
- maple-leaf viburnum *Viburnum acerifolium*
- hobblebush *Viburnum lantanoides*
- Chinese snowball bush *Viburnum macrocephalum*
- European bush-cranberry *Viburnum opulus*
- southern black-haw *Viburnum rufidulum*

Hydrangeas - Hydrangeaceae

- wild hydrangea *Hydrangea arborescens*



Laurels - Lauraceae

- spicebush *Lindera benzoin*

Legumes - Fabaceae

- bush lespedeza *Lespedeza bicolor*
 kudzu *Pueraria montana var lobata*

Mangosteens - Clusiaceae

- St. John's wort *Hypericum stragulum*

Mezereums - Thymelaeaceae

- leatherwood *Dirca palustris*

Mock-oranges - Philadelphaceae

- European mock-orange *Philadelphus coronarius*

Oleasters - Elaeagnaceae

- silverberry *Elaeagnus umbellata*

Olives - Oleaceae

- forsythia *Forsythia viridissima*
 Chinese privet *Ligustrum sinense*
 common privet *Ligustrum vulgare*

Passionflowers - Passifloraceae

- yellow passionflower *Passiflora lutea*

Roses - Rosaceae

- choke cherry *Prunus virginiana*
 multiflora rose *Rosa multiflora*
 memorial rose *Rosa wichuraiana*
 Allegheny blackberry *Rubus allegheniensis*
 common blackberry *Rubus argutus*
 smooth blackberry *Rubus canadensis*
 northern dewberry *Rubus flagellaris*
 black raspberry *Rubus occidentalis*
 flowering raspberry *Rubus odoratus*
 wineberry *Rubus phoenicolasius*
 bridal wreath spiraea *Spiraea cf. prunifolia*
 Japanese spiraea *Spiraea japonica*

Sandlewoods - Santalaceae

- oil nut *Pyrolaria pubera*

Sumacs - Anacardiaceae

- poison ivy *Toxicodendron radicans*

Sweet Shrubs - Calycanthaceae

- sweet shrub *Calycanthus floridus*

Willows - Salicaceae

- prairie willow *Salix humilis*
 silky willow *Salix sericea*



LOWERING HERBS

A flower's fragrance declares to all the world that it is fertile, available, and desirable...
We inhale its ardent aroma and, no matter what our ages, we feel young and nubile in a
world aflame with desire. – Diane Ackerman

Arums - Araceae

<input type="checkbox"/>	common jack-in-the-pulpit	<i>Arisaema triphyllum ssp triphyllum</i>
<input type="checkbox"/>	southern jack-in-the-pulpit	<i>Arisaema triphyllum ssp quinatum</i>

Asters - Asteraceae

<input type="checkbox"/>	yarrow	<i>Achillea millefolium</i>
<input type="checkbox"/>	common white snakeroot	<i>Ageratina altissima var altissima</i>
<input type="checkbox"/>	Appalachian white snakeroot	<i>Ageratina altissima var roanensis</i>
<input type="checkbox"/>	common ragweed	<i>Ambrosia artemisiifolia</i>
<input type="checkbox"/>	giant ragweed	<i>Ambrosia trifida</i>
<input type="checkbox"/>	large-leaf pussytoes	<i>Antennaria plantaginifolia</i>
<input type="checkbox"/>	burdock	<i>Arctium minus</i>
<input type="checkbox"/>	pale Indian plantain	<i>Arnoglossum atriplicifolium</i>
<input type="checkbox"/>	giant Indian plantain	<i>Arnoglossum muhlenbergii</i>
<input type="checkbox"/>	whorled aster	<i>Aster acuminatus (=oclema acuminata)</i>
<input type="checkbox"/>	mountain heartleaf aster	<i>Aster chlorolepis</i>
<input type="checkbox"/>	blue heartleaf aster	<i>Aster cordifolius</i>
<input type="checkbox"/>	white heartleaf aster	<i>Aster divaricatus</i>
<input type="checkbox"/>	flat-topped white aster	<i>Aster infirmus (=doellingeria infirma)</i>
<input type="checkbox"/>	calico aster	<i>Aster lateriflorus</i>
<input type="checkbox"/>	large-leaf aster	<i>Aster macrophyllus</i>
<input type="checkbox"/>	New England aster	<i>Aster novae-angliae</i>
<input type="checkbox"/>	common clasping aster	<i>Aster patens</i>
<input type="checkbox"/>	white-topped aster	<i>Aster paternus (=sericocarpus asteroides)</i>
<input type="checkbox"/>	Appalachian clasping aster	<i>Aster phlogifolius</i>
<input type="checkbox"/>	frost aster	<i>Aster pilosus</i>
<input type="checkbox"/>	purple-stem aster	<i>Aster puniceus</i>
<input type="checkbox"/>	Curtis's aster	<i>Aster retroflexus (a. curtisii)</i>
<input type="checkbox"/>	wavy-leaf aster	<i>Aster undulatus</i>
<input type="checkbox"/>	Spanish needles	<i>Bidens bipinnata</i>
<input type="checkbox"/>	Ozark tickseed-sunflower	<i>Bidens polylepis</i>
<input type="checkbox"/>	tall beggar-ticks	<i>Bidens vulgata</i>
<input type="checkbox"/>	spotted knapweed	<i>Centaurea maculosa</i>
<input type="checkbox"/>	ox-eye daisy	<i>Chrysanthemum leucanthemum</i>
<input type="checkbox"/>	golden aster	<i>Chrysopsis mariana</i>
<input type="checkbox"/>	tall thistle	<i>Cirsium altissimum</i>
<input type="checkbox"/>	field thistle	<i>Cirsium discolor</i>
<input type="checkbox"/>	bull thistle	<i>Cirsium vulgare</i>
<input type="checkbox"/>	horseweed	<i>Conyza canadensis</i>
<input type="checkbox"/>	woodland coreopsis	<i>Coreopsis major</i>
<input type="checkbox"/>	hairy coreopsis	<i>Coreopsis pubescens</i>
<input type="checkbox"/>	hawk's beard	<i>Crepis capillaris</i>



<input type="checkbox"/>	hawk's beard	<i>Crepis pulchra</i>
<input type="checkbox"/>	elephant's foot	<i>Elephantopus carolinianus</i>
<input type="checkbox"/>	fireweed	<i>Erechtites hieracifolia</i>
<input type="checkbox"/>	common fleabane	<i>Erigeron annuus</i>
<input type="checkbox"/>	daisy fleabane	<i>Erigeron philadelphicus</i>
<input type="checkbox"/>	Robin's plantain	<i>Erigeron pulchellus</i>
<input type="checkbox"/>	rough fleabane	<i>Erigeron strigosus</i>
<input type="checkbox"/>	dog fennel	<i>Eupatorium capillifolium</i>
<input type="checkbox"/>	hollow joe-pye-weed	<i>Eupatorium fistulosum</i>
<input type="checkbox"/>	boneset	<i>Eupatorium perfoliatum</i>
<input type="checkbox"/>	woodland joe-pye-weed	<i>Eupatorium purpureum</i>
<input type="checkbox"/>	sessile-leaf thoroughwort	<i>Eupatorium sessilifolium</i>
<input type="checkbox"/>	Appalachian joe-pye-weed	<i>Eupatorium steelei</i>
<input type="checkbox"/>	Vasey's thoroughwort	<i>Eupatorium vaseyi</i>
<input type="checkbox"/>	Peruvian daisy	<i>Galinsoga quadriradiata</i>
<input type="checkbox"/>	Pennsylvania everlasting	<i>Gamochaeta cf. pennsylvanica</i>
<input type="checkbox"/>	rabbit tobacco	<i>Gnaphalium obtusifolium</i>
<input type="checkbox"/>	common sneezeweed	<i>Helenium autumnale</i>
<input type="checkbox"/>	narrowleaf sunflower	<i>Helianthus angustifolius</i>
<input type="checkbox"/>	Appalachian sunflower	<i>Helianthus atrorubens</i>
<input type="checkbox"/>	forest sunflower	<i>Helianthus decapetalus</i>
<input type="checkbox"/>	spreading sunflower	<i>Helianthus divaricatus</i>
<input type="checkbox"/>	whiteleaf sunflower	<i>Helianthus glaucophyllus</i>
<input type="checkbox"/>	small-headed sunflower	<i>Helianthus microcephalus</i>
<input type="checkbox"/>	Jerusalem artichoke	<i>Helianthus tuberosus</i>
<input type="checkbox"/>	ox eye	<i>Heliopsis helianthoides</i>
<input type="checkbox"/>	yellow king-devil	<i>Hieracium caespitosum</i>
<input type="checkbox"/>	leafy hawkweed	<i>Hieracium paniculatum</i>
<input type="checkbox"/>	mouse-ear hawkweed	<i>Hieracium pilosella</i>
<input type="checkbox"/>	glaucous king-devil	<i>Hieracium piloselloides</i>
<input type="checkbox"/>	rough hawkweed	<i>Hieracium scabrum</i>
<input type="checkbox"/>	rattlesnake weed	<i>Hieracium venosum</i>
<input type="checkbox"/>	cat's ear	<i>Hypochaeris radicata</i>
<input type="checkbox"/>	opposite-leaved dwarf-dandelion	<i>Krigia oppositifolia</i> (=k. <i>caespitosa</i>)
<input type="checkbox"/>	Virginia dwarf-dandelion	<i>Krigia virginica</i>
<input type="checkbox"/>	tall wild lettuce	<i>Lactuca biennis</i>
<input type="checkbox"/>	common wild lettuce	<i>Lactuca canadensis</i>
<input type="checkbox"/>	blue wild lettuce	<i>Lactuca floridana</i>
<input type="checkbox"/>	New England blazing-star	<i>Liatris scariosa</i>
<input type="checkbox"/>	Appalachian ragwort	<i>Packera anonyma</i>
<input type="checkbox"/>	golden ragwort	<i>Packera aurea</i>
<input type="checkbox"/>	wild quinine	<i>Parthenium integrifolium</i>
<input type="checkbox"/>	tall rattlesnake-root	<i>Prenanthes altissima</i>
<input type="checkbox"/>	Appalachian rattlesnake-root	<i>Prenanthes roanensis</i>
<input type="checkbox"/>	gall-of-the-earth	<i>Prenanthes trifoliata</i>
<input type="checkbox"/>	black-eyed susan	<i>Rudbeckia hirta</i>
<input type="checkbox"/>	giant yellow coneflower	<i>Rudbeckia laciniata</i> var <i>laciniata</i>
<input type="checkbox"/>	three-lobed coneflower	<i>Rudbeckia triloba</i>
<input type="checkbox"/>	bearfoot	<i>Smallanthus uvedalius</i>



<input type="checkbox"/>	forest goldenrod	<i>Solidago arguta var arguta</i>
<input type="checkbox"/>	Vasey's goldenrod	<i>Solidago arguta var caroliniana</i>
<input type="checkbox"/>	white goldenrod	<i>Solidago bicolor</i>
<input type="checkbox"/>	tall goldenrod	<i>Solidago canadensis</i>
<input type="checkbox"/>	Curtis's goldenrod	<i>Solidago curtisii</i>
<input type="checkbox"/>	oak goldenrod	<i>Solidago erecta</i>
<input type="checkbox"/>	Appalachian goldenrod	<i>Solidago flaccidifolia</i>
<input type="checkbox"/>	smooth goldenrod	<i>Solidago gigantea</i>
<input type="checkbox"/>	gray goldenrod	<i>Solidago nemoralis</i>
<input type="checkbox"/>	rough-leaf goldenrod	<i>Solidago patula</i>
<input type="checkbox"/>	rugose goldenrod	<i>Solidago rugosa</i>
<input type="checkbox"/>	spiny-leaved sow thistle	<i>Sonchus asper</i>
<input type="checkbox"/>	dandelion	<i>Taraxacum officinale</i>
<input type="checkbox"/>	coltsfoot	<i>Tussilago farfara</i>
<input type="checkbox"/>	common wingstem	<i>Verbesina alternifolia</i>
<input type="checkbox"/>	southern crownbeard	<i>Verbesina occidentalis</i>
<input type="checkbox"/>	ironweed	<i>Vernonia noveboracensis</i>
Barberries - Berberidaceae		
<input type="checkbox"/>	umbrella leaf	<i>Diphylleia cymosa</i>
<input type="checkbox"/>	mayapple	<i>Podophyllum peltatum</i>
<input type="checkbox"/>	bloodroot	<i>Sanguinaria canadensis</i>
Bedstraws - Rubiaceae		
<input type="checkbox"/>	cleavers	<i>Galium aparine</i>
<input type="checkbox"/>	forest bedstraw	<i>Galium circaezans</i>
<input type="checkbox"/>	lanceleaf bedstraw	<i>Galium lanceolatum</i>
<input type="checkbox"/>	wideleaf bedstraw	<i>Galium latifolium</i>
<input type="checkbox"/>	sweet-scented bedstraw	<i>Galium triflorum</i>
<input type="checkbox"/>	purple bluet	<i>Houstonia purpurea</i>
<input type="checkbox"/>	thyme-leaved bluet	<i>Houstonia serpyllifolia</i>
<input type="checkbox"/>	partridge berry	<i>Mitchella repens</i>
Bellflowers - Campanulaceae		
<input type="checkbox"/>	southern harebell	<i>Campanula divaricata</i>
<input type="checkbox"/>	tall bellflower	<i>Campanulastrum americanum</i>
<input type="checkbox"/>	Indian tobacco	<i>Lobelia inflata</i>
<input type="checkbox"/>	hairy lobelia	<i>Lobelia puberula</i>
<input type="checkbox"/>	great lobelia	<i>Lobelia siphilitica</i>
<input type="checkbox"/>	Venus's looking-glass	<i>Triodanis perfoliata var perfoliata</i>
Birthworts - Aristolochiaceae		
<input type="checkbox"/>	turpentine root	<i>Aristolochia serpentaria</i>
<input type="checkbox"/>	wild ginger	<i>Asarum canadense var canadense</i>
<input type="checkbox"/>	little brown jug	<i>Hexastylis arifolia</i>
Borages - Boraginaceae		
<input type="checkbox"/>	wild comfrey	<i>Cynoglossum virginianum</i>
Broomrapes - Orbachaceae		
<input type="checkbox"/>	bear corn	<i>Conopholis americana</i>
<input type="checkbox"/>	beech drops	<i>Epifagus virginiana</i>
Buttercups - Ranunculaceae		
<input type="checkbox"/>	monk's hood	<i>Aconitum uncinatum</i>
<input type="checkbox"/>	doll's eyes	<i>Actaea pachypoda</i>



<input type="checkbox"/>	wood anemone	<i>Anemone quinquefolia</i>
<input type="checkbox"/>	tall anemone	<i>Anemone virginiana</i>
<input type="checkbox"/>	rue-anemone	<i>Anemonella thalictroides</i>
<input type="checkbox"/>	eastern columbine	<i>Aquilegia canadensis</i>
<input type="checkbox"/>	blue cohosh	<i>Caulophyllum thalictroides</i>
<input type="checkbox"/>	mountain black cohosh	<i>Cimicifuga americana</i>
<input type="checkbox"/>	common black cohosh	<i>Cimicifuga racemosa</i>
<input type="checkbox"/>	dwarf larkspur	<i>Delphinium tricorne</i>
<input type="checkbox"/>	liverleaf	<i>Hepatica acutiloba</i>
<input type="checkbox"/>	golden seal	<i>Hydrastis canadensis</i>
<input type="checkbox"/>	crowfoot buttercup	<i>Ranunculus abortivus</i>
<input type="checkbox"/>	tall buttercup	<i>Ranunculus acris</i>
<input type="checkbox"/>	bulbous buttercup	<i>Ranunculus bulbosus</i>
<input type="checkbox"/>	hispid buttercup	<i>Ranunculus hispidus</i>
<input type="checkbox"/>	recurved buttercup	<i>Ranunculus recurvatus</i>
<input type="checkbox"/>	creeping buttercup	<i>Ranunculus repens</i>
<input type="checkbox"/>	mountain meadow-rue	<i>Thalictrum clavatum</i>
<input type="checkbox"/>	early meadow-rue	<i>Thalictrum dioicum</i>
<input type="checkbox"/>	Appalachian meadow-rue	<i>Thalictrum pubescens var hepaticum</i>
<input type="checkbox"/>	skunk meadow-rue	<i>Thalictrum revolutum</i>
<input type="checkbox"/>	tassel rue	<i>Trautvetteria carolinensis</i>
	Cornsalads - Valerianaceae	
<input type="checkbox"/>	corn salad	<i>Valerianella radiata</i>
	Diapensias - Diapensiaceae	
<input type="checkbox"/>	galax	<i>Galax urceolata</i>
	Dogbanes - Apocynaceae	
<input type="checkbox"/>	Indian hemp	<i>Apocynum androsaemifolium</i>
<input type="checkbox"/>	poke milkweed	<i>Asclepias exaltata</i>
<input type="checkbox"/>	whorled milkweed	<i>Asclepias quadrifolia</i>
<input type="checkbox"/>	large periwinkle	<i>Vinca major</i>
<input type="checkbox"/>	common periwinkle	<i>Vinca minor</i>
	Evening Primroses - Onagraceae	
<input type="checkbox"/>	Alpine enchanter's nightshade	<i>Circaea alpina</i>
<input type="checkbox"/>	enchanter's nightshade	<i>Circaea canadensis</i>
<input type="checkbox"/>	eastern willow herb	<i>Epilobium coloratum</i>
<input type="checkbox"/>	seedbox	<i>Ludwigia alternifolia</i>
<input type="checkbox"/>	evening primrose	<i>Oenothera biennis</i>
<input type="checkbox"/>	sundrops	<i>Oenothera tetragona</i>
	Figworts - Scrophulariaceae	
<input type="checkbox"/>	agalinis	<i>Agalinis tenuifolia</i>
<input type="checkbox"/>	false foxglove	<i>Aureolaria laevigata</i>
<input type="checkbox"/>	Indian paintbrush	<i>Castilleja coccinea</i>
<input type="checkbox"/>	white turtlehead	<i>Chelone glabra</i>
<input type="checkbox"/>	Appalachian turtlehead	<i>Chelone lyonii</i>
<input type="checkbox"/>	purple turtlehead	<i>Chelone obliqua</i>
<input type="checkbox"/>	cow-wheat	<i>Melampyrum lineare</i>
<input type="checkbox"/>	lousewort	<i>Pedicularis canadensis</i>
<input type="checkbox"/>	Appalachian beardtongue	<i>Penstemon canescens</i>
<input type="checkbox"/>	eastern figwort	<i>Scrophularia marilandica</i>



<input type="checkbox"/>	mullein	<i>Verbascum thapsus</i>
<input type="checkbox"/>	corn speedwell	<i>Veronica arvensis</i>
<input type="checkbox"/>	common speedwell	<i>Veronica officinalis</i>
<input type="checkbox"/>	thyme-leaved speedwell	<i>Veronica serpyllifolia</i>
	Flaxes - Linaceae	
<input type="checkbox"/>	common flax	<i>Linum usitatissimum</i>
	Fumitories - Fumariaceae	
<input type="checkbox"/>	pale corydalis	<i>Corydalis sempervirens</i>
<input type="checkbox"/>	squirrel corn	<i>Dicentra canadensis</i>
<input type="checkbox"/>	Dutchman's breeches	<i>Dicentra cucullaria</i>
	Gentians - Gentianaceae	
<input type="checkbox"/>	Appalachian gentian	<i>Gentiana decora</i>
<input type="checkbox"/>	agueweed	<i>Gentianella quinquefolia</i>
<input type="checkbox"/>	pennywort	<i>Obolaria virginica</i>
<input type="checkbox"/>	common rose-pink	<i>Sabatia angularis</i>
	Geraniums - Geraniaceae	
<input type="checkbox"/>	Carolina cranesbill	<i>Geranium carolinianum</i>
<input type="checkbox"/>	wild geranium	<i>Geranium maculatum</i>
	Ginsengs - Araliaceae	
<input type="checkbox"/>	wild sarsaparilla	<i>Aralia nudicaulis</i>
<input type="checkbox"/>	spikenard	<i>Aralia racemosa</i>
<input type="checkbox"/>	ginseng	<i>Panax quinquefolius</i>
	Goosefoots - Chenopodiaceae	
<input type="checkbox"/>	pigweed	<i>Chenopodium album</i>
<input type="checkbox"/>	Mexican tea	<i>Chenopodium ambrosioides</i>
	Greenbriers - Smilacaceae	
<input type="checkbox"/>	common carrionflower	<i>Smilax herbacea</i>
<input type="checkbox"/>	carrionflower	<i>Smilax pulverulenta</i>
	Heaths - Ericaceae	
<input type="checkbox"/>	pipsissewa	<i>Chimaphila maculata</i>
<input type="checkbox"/>	piresap	<i>Hypopitys monotropa</i>
<input type="checkbox"/>	Indian pipe	<i>Monotropa uniflora</i>
	Honeysuckles - Caprifoliaceae	
<input type="checkbox"/>	Tinker's weed	<i>Triosteum aurantiacum</i>
	Hops - Cannabaceae	
<input type="checkbox"/>	hops	<i>Humulus lupulus</i>
	Iris - Iridaceae	
<input type="checkbox"/>	blue-eyed grass	<i>Sisyrinchium angustifolium</i>
<input type="checkbox"/>	blue-eyed grass	<i>Sisyrinchium montanum</i>
	Jacob's-ladders - Polemoniaceae	
<input type="checkbox"/>	Carolina phlox	<i>Phlox carolina</i>
<input type="checkbox"/>	summer phlox	<i>Phlox paniculata</i>
	Legumes - Fabaceae	
<input type="checkbox"/>	hog peanut	<i>Amphicarpaea bracteata</i>
<input type="checkbox"/>	groundnut	<i>Apios americana</i>
<input type="checkbox"/>	Canada milkvetch	<i>Astragalus canadensis</i>
<input type="checkbox"/>	wild indigo	<i>Baptisia tinctoria</i>
<input type="checkbox"/>	partridge pea	<i>Chamaecrista fasciculata</i>
<input type="checkbox"/>	sensitive plant	<i>Chamaecrista nictitans</i>



<input type="checkbox"/>	crown-vetch	<i>Coronilla varia</i>
<input type="checkbox"/>	heartleaf tick-trefoil	<i>Desmodium glutinosum</i>
<input type="checkbox"/>	naked tick-trefoil	<i>Desmodium nudiflorum</i>
<input type="checkbox"/>	panicked tick-trefoil	<i>Desmodium paniculatum</i>
<input type="checkbox"/>	dollarleaf	<i>Desmodium rotundifolium</i>
<input type="checkbox"/>	Japanese clover	<i>Kummerowia striata</i>
<input type="checkbox"/>	forest pea	<i>Lathyrus venosus</i>
<input type="checkbox"/>	trailing lespedeza	<i>Lespedeza cf. repens</i>
<input type="checkbox"/>	sericea lespedeza	<i>Lespedeza cuneata</i>
<input type="checkbox"/>	wand lespedeza	<i>Lespedeza intermedia</i>
<input type="checkbox"/>	violet lespedeza	<i>Lespedeza violaceae</i>
<input type="checkbox"/>	yellow clover	<i>Trifolium campestre</i>
<input type="checkbox"/>	red clover	<i>Trifolium pratense</i>
<input type="checkbox"/>	white clover	<i>Trifolium repens</i>
<input type="checkbox"/>	Carolina vetch	<i>Vicia caroliniana</i>
<input type="checkbox"/>	narrow-leaf vetch	<i>Vicia sativa ssp nigra</i>
<input type="checkbox"/>	winter vetch	<i>Vicia villosa ssp varia</i>
	Lilies - Liliaceae	
<input type="checkbox"/>	fairy wand	<i>Chamaelirium luteum</i>
<input type="checkbox"/>	spotted wood lily	<i>Clintonia umbellulata</i>
<input type="checkbox"/>	lily-of-the-valley	<i>Convallaria majuscula</i>
<input type="checkbox"/>	trout lily	<i>Erythronium umbilicatum</i>
<input type="checkbox"/>	yellow star-grass	<i>Hypoxis hirsuta</i>
<input type="checkbox"/>	Carolina lily	<i>Lilium michauxii</i>
<input type="checkbox"/>	Turk's-cap lily	<i>Lilium superbum</i>
<input type="checkbox"/>	Canada mayflower	<i>Maianthemum canadense</i>
<input type="checkbox"/>	Solomon's plume	<i>Maianthemum racemosum</i>
<input type="checkbox"/>	Indian cucumber root	<i>Medeola virginiana</i>
<input type="checkbox"/>	star of Bethlehem	<i>Ornithogalum umbellatum</i>
<input type="checkbox"/>	small Solomon's seal	<i>Polygonatum biflorum var biflorum</i>
<input type="checkbox"/>	large Solomon's seal	<i>Polygonatum biflorum var commutatum</i>
<input type="checkbox"/>	hairy Solomon's seal	<i>Polygonatum pubescens</i>
<input type="checkbox"/>	yellow mandarin	<i>Prosartes lanuginosa</i>
<input type="checkbox"/>	featherbells	<i>Stenanthium gramineum var micranthum</i>
<input type="checkbox"/>	eastern twisted stalk	<i>Streptopus lanceolatus</i>
<input type="checkbox"/>	golden bellwort	<i>Uvularia grandiflora</i>
<input type="checkbox"/>	perfoliate bellwort	<i>Uvularia perfoliata</i>
<input type="checkbox"/>	common bellwort	<i>Uvularia puberula</i>
<input type="checkbox"/>	lanceleaf bunchflower	<i>Veratrum latifolium</i>
<input type="checkbox"/>	false hellebore	<i>Veratrum parviflorum</i>
<input type="checkbox"/>	white hellebore	<i>Veratrum viride</i>
	Lopseeds - Phrymaceae	
<input type="checkbox"/>	lopseed	<i>Phryma leptostachya</i>
	Mangosteens - Clusiaceae	
<input type="checkbox"/>	dwarf St. John's wort	<i>Hypericum mutilum</i>
<input type="checkbox"/>	spotted St. John's wort	<i>Hypericum punctatum</i>
	Milkworts - Polygalaceae	
<input type="checkbox"/>	Appalachian milkwort	<i>Polygala curtisii</i>
<input type="checkbox"/>	Seneca snakeroot	<i>Polygala senega</i>



The Turk's cap lily can have over two dozen blooms per plant. Enjoy these showy lilies during midsummer at many spots on the Preserve, especially along roadsides.

- | | | |
|---|---------------------------|---|
| <input type="checkbox"/> | whorled milkwort | <i>Polygala verticillata</i> |
| Mints - Lamiaceae | | |
| <input type="checkbox"/> | giant hyssop | <i>Agastache scrophulariifolia</i> |
| <input type="checkbox"/> | hairy woodmint | <i>Blephilia hirsuta</i> |
| <input type="checkbox"/> | horsebalm | <i>Collinsonia canadensis</i> |
| <input type="checkbox"/> | ground ivy | <i>Glechoma hederacea</i> |
| <input type="checkbox"/> | henbit | <i>Lamium amplexicaule</i> |
| <input type="checkbox"/> | water horehound | <i>Lycopus virginicus</i> |
| <input type="checkbox"/> | meehania | <i>Meehania cordata</i> |
| <input type="checkbox"/> | basil bergamot | <i>Monarda clinopodia</i> |
| <input type="checkbox"/> | bee balm | <i>Monarda didyma</i> |
| <input type="checkbox"/> | eastern bergamot | <i>Monarda fistulosa</i> |
| <input type="checkbox"/> | purple bergamot | <i>Monarda media</i> |
| <input type="checkbox"/> | obedient plant | <i>Physostegia virginiana</i> |
| <input type="checkbox"/> | self heal | <i>Prunella vulgaris</i> |
| <input type="checkbox"/> | hoary mountain-mint | <i>Pycnanthemum incanum</i> |
| <input type="checkbox"/> | Appalachian mountain-mint | <i>Pycnanthemum montanum</i> |
| <input type="checkbox"/> | lyre-leaved sage | <i>Salvia lyrata</i> |
| <input type="checkbox"/> | hairy skullcap | <i>Scutellaria elliptica</i> |
| <input type="checkbox"/> | downy skullcap | <i>Scutellaria incana</i> |
| <input type="checkbox"/> | bigtooth hedge-nettle | <i>Stachys latidens</i> |
| Morning-glories - Convolvulaceae | | |
| <input type="checkbox"/> | Blue Ridge bindweed | <i>Calystegia catesbiana ssp sericata</i> |
| <input type="checkbox"/> | hedge bindweed | <i>Calystegia sepium</i> |
| <input type="checkbox"/> | field bindweed | <i>Convolvulus arvensis</i> |
| <input type="checkbox"/> | Appalachian dodder | <i>Cuscuta rostrata</i> |
| <input type="checkbox"/> | scarlet creeper | <i>Ipomoea coccinea</i> |
| <input type="checkbox"/> | man-root | <i>Ipomoea pandurata</i> |
| <input type="checkbox"/> | common morning-glory | <i>Ipomoea purpurea</i> |
| Mustards - Brassicaceae | | |
| <input type="checkbox"/> | mouse-ear cress | <i>Arabidopsis thaliana</i> |



<input type="checkbox"/>	Canada rockcress	<i>Arabis canadensis</i>
<input type="checkbox"/>	smooth rockcress	<i>Arabis laevigata</i>
<input type="checkbox"/>	early winter-cress	<i>Barbarea verna</i>
<input type="checkbox"/>	common winter-cress	<i>Barbarea vulgaris</i>
<input type="checkbox"/>	field mustard	<i>Brassica rapa</i>
<input type="checkbox"/>	shepherd's purse	<i>Capsella bursa-pastoris</i>
<input type="checkbox"/>	cutleaf toothwort	<i>Cardamine concatenata</i>
<input type="checkbox"/>	large toothwort	<i>Cardamine diphylla</i>
<input type="checkbox"/>	hairy bittercress	<i>Cardamine hirsuta</i>
<input type="checkbox"/>	Pennsylvania bittercress	<i>Cardamine pennsylvanica</i>
<input type="checkbox"/>	dame's rocket	<i>Hesperis matronalis</i>
<input type="checkbox"/>	field pepperwort	<i>Lepidium virginicum</i>
<input type="checkbox"/>	hedge mustard	<i>Sisymbrium officinale</i>
	Nettles - Urticaceae	
<input type="checkbox"/>	wood nettle	<i>Laportea canadensis</i>
<input type="checkbox"/>	clearweed	<i>Pilea pumila</i>
	Nightshades - Solanaceae	
<input type="checkbox"/>	jimson weed	<i>Datura stramonium</i>
<input type="checkbox"/>	ground-cherry	<i>Physalis heterophylla</i>
<input type="checkbox"/>	horse-nettle	<i>Solanum carolinense</i>
<input type="checkbox"/>	black nightshade	<i>Solanum ptychanthum</i>
	Onions - Alliaceae	
<input type="checkbox"/>	ramps	<i>Allium tricoccum</i>
<input type="checkbox"/>	field garlic	<i>Allium vineale</i>
	Orchids - Orchidaceae	
<input type="checkbox"/>	puttyroot	<i>Aplectrum hyemale</i>
<input type="checkbox"/>	autumn coralroot	<i>Corallorhiza odontorhiza</i>
<input type="checkbox"/>	pink lady's slipper	<i>Cypripedium acuale</i>
<input type="checkbox"/>	large yellow lady's slipper	<i>Cypripedium pubescens</i>
<input type="checkbox"/>	showy orchis	<i>Galearis spectabilis</i>
<input type="checkbox"/>	rattlesnake orchid	<i>Goodyera pubescens</i>
<input type="checkbox"/>	large whorled pogonia	<i>Isotria verticillata</i>
<input type="checkbox"/>	large twayblade	<i>Liparis lilifolia</i>
<input type="checkbox"/>	Appalachian twayblade	<i>Listera smallii</i>
<input type="checkbox"/>	adder's mouth orchid	<i>Malaxis unifolia</i>
<input type="checkbox"/>	yellow fringed orchid	<i>Platanthera ciliaris</i>
<input type="checkbox"/>	small green wood orchid	<i>Platanthera clavellata</i>
<input type="checkbox"/>	purple fringed orchid	<i>Platanthera psycodes</i>
<input type="checkbox"/>	nodding ladies' tresses	<i>Spiranthes cf. cernua</i>
<input type="checkbox"/>	crane-fly orchid	<i>Tipularia discolor</i>
<input type="checkbox"/>	three birds orchid	<i>Triphora trianthophora</i>
	Parsleys - Apiaceae	
<input type="checkbox"/>	filmy angelica	<i>Angelica triquinata</i>
<input type="checkbox"/>	hairy angelica	<i>Angelica venenosa</i>
<input type="checkbox"/>	water hemlock	<i>Cicuta maculata</i>
<input type="checkbox"/>	honewort	<i>Cryptotaenia canadensis</i>
<input type="checkbox"/>	Queen Anne's lace	<i>Daucus carota</i>
<input type="checkbox"/>	lovage	<i>Ligusticum canadense</i>
<input type="checkbox"/>	common sweet cicely	<i>Osmorhiza claytonii</i>



<input type="checkbox"/>	fragrant sweet cicely	<i>Osmorhiza longistylis</i>
<input type="checkbox"/>	cowbane	<i>Oxypolis rigidior</i>
<input type="checkbox"/>	black snakeroot	<i>Sanicula canadensis</i>
<input type="checkbox"/>	Maryland snakeroot	<i>Sanicula marilandica</i>
<input type="checkbox"/>	clustered snakeroot	<i>Sanicula odorata</i>
<input type="checkbox"/>	beaked snakeroot	<i>Sanicula trifoliata</i>
<input type="checkbox"/>	yellow pimpernel	<i>Taenidia integerrima</i>
<input type="checkbox"/>	woodland parsnip	<i>Thaspium barbinode</i>
<input type="checkbox"/>	meadow parsnip	<i>Thaspium trifoliatum var trifoliatum</i>
<input type="checkbox"/>	heartleaf Alexanders	<i>Zizia aptera</i>
<input type="checkbox"/>	divided Alexanders	<i>Zizia trifoliata</i>
	Pinks - Caryophyllaceae	
<input type="checkbox"/>	common mouse-ear	<i>Cerastium fontanum ssp vulgare</i>
<input type="checkbox"/>	sticky mouse-ear	<i>Cerastium glomeratum</i>
<input type="checkbox"/>	mouse-ear	<i>Cerastium nutans</i>
<input type="checkbox"/>	deptford pink	<i>Dianthus armeria</i>
<input type="checkbox"/>	bouncing bet	<i>Saponaria officinalis</i>
<input type="checkbox"/>	sleepy catchfly	<i>Silene antirrhina</i>
<input type="checkbox"/>	white campion	<i>Silene latifolia ssp alba</i>
<input type="checkbox"/>	mountain catchfly	<i>Silene ovata</i>
<input type="checkbox"/>	starry campion	<i>Silene stellata</i>
<input type="checkbox"/>	fire pink	<i>Silene virginica</i>
<input type="checkbox"/>	mountain chickweed	<i>Stellaria corei</i>
<input type="checkbox"/>	common stitchwort	<i>Stellaria graminea</i>
<input type="checkbox"/>	common chickweed	<i>Stellaria media</i>
<input type="checkbox"/>	giant chickweed	<i>Stellaria pubera</i>
	Plantains - Plantaginaceae	
<input type="checkbox"/>	English plantain	<i>Plantago lanceolata</i>
<input type="checkbox"/>	common plantain	<i>Plantago major</i>
<input type="checkbox"/>	broad-leaved plantain	<i>Plantago rugelii</i>
<input type="checkbox"/>	Virginia plantain	<i>Plantago virginica</i>
	Pokeweeds - Phytolaccaceae	
<input type="checkbox"/>	pokeweed	<i>Phytolacca americana</i>
	Primroses - Primulaceae	
<input type="checkbox"/>	moneywort	<i>Lysimachia nummularia</i>
<input type="checkbox"/>	whorled loosestrife	<i>Lysimachia quadrifolia</i>
<input type="checkbox"/>	starflower	<i>Trientalis borealis</i>
	Purslanes - Portulacaceae	
<input type="checkbox"/>	Carolina spring beauty	<i>Claytonia caroliniana</i>
<input type="checkbox"/>	eastern spring beauty	<i>Claytonia virginica</i>
	Rockroses - Cistaceae	
<input type="checkbox"/>	pinweed	<i>Lechea racemulosa</i>
	Roses - Rosaceae	
<input type="checkbox"/>	common agrimony	<i>Agrimonia gryposepala</i>
<input type="checkbox"/>	southern agrimony	<i>Agrimonia parviflora</i>
<input type="checkbox"/>	downy agrimony	<i>Agrimonia pubescens</i>
<input type="checkbox"/>	goat's-beard	<i>Aruncus dioicus</i>
<input type="checkbox"/>	wild strawberry	<i>Fragaria virginiana</i>
<input type="checkbox"/>	white avens	<i>Geum canadense</i>



<input type="checkbox"/>	spring avens	<i>Geum vernum</i>
<input type="checkbox"/>	cream avens	<i>Geum virginiana</i>
<input type="checkbox"/>	Bowman's root	<i>Porteranthus trifoliatus</i>
<input type="checkbox"/>	running cinquefoil	<i>Potentilla canadensis var canadensis</i>
<input type="checkbox"/>	strawberry weed	<i>Potentilla norvegica</i>
<input type="checkbox"/>	sulphur cinquefoil	<i>Potentilla recta</i>
<input type="checkbox"/>	old-field cinquefoil	<i>Potentilla simplex</i>
	Saxifrages - Saxifragaceae	
<input type="checkbox"/>	false goat's-beard	<i>Astilbe biternata</i>
<input type="checkbox"/>	golden saxifrage	<i>Chrysosplenium americanum</i>
<input type="checkbox"/>	alum root	<i>Heuchera villosa</i>
<input type="checkbox"/>	bishop's cap	<i>Mitella diphylla</i>
<input type="checkbox"/>	Michaux's saxifrage	<i>Saxifraga michauxii</i>
<input type="checkbox"/>	branch lettuce	<i>Saxifraga micranthidifolia</i>
<input type="checkbox"/>	foamflower	<i>Tiarella cordifolia</i>
	Smartweeds - Polygonaceae	
<input type="checkbox"/>	climbing buckwheat	<i>Fallopia convolvulus</i>
<input type="checkbox"/>	climbing buckwheat	<i>Fallopia scandens</i>
<input type="checkbox"/>	common knotweed	<i>Polygonum aviculare</i>
<input type="checkbox"/>	long-bristle smartweed	<i>Polygonum cespitosum var longisetum</i>
<input type="checkbox"/>	common smartweed	<i>Polygonum pensylvanicum</i>
<input type="checkbox"/>	smartweed	<i>Polygonum persicaria</i>
<input type="checkbox"/>	dotted smartweed	<i>Polygonum punctatum</i>
<input type="checkbox"/>	tearthumb	<i>Polygonum sagittatum</i>
<input type="checkbox"/>	sour dock	<i>Rumex acetosella</i>
<input type="checkbox"/>	curly dock	<i>Rumex crispus</i>
<input type="checkbox"/>	bitter dock	<i>Rumex obtusifolius</i>
<input type="checkbox"/>	jumpseed	<i>Tovara virginiana</i>
	Spiderworts - Commelinaceae	
<input type="checkbox"/>	common dayflower	<i>Commelina communis</i>
<input type="checkbox"/>	spiderwort	<i>Tradescantia subaspera var montana</i>
	Spurges - Euphorbiaceae	
<input type="checkbox"/>	three-seeded mercury	<i>Acalypha rhomboidea</i>
<input type="checkbox"/>	eyebane	<i>Chamaesyce nutans (=euphorbia nutans)</i>
<input type="checkbox"/>	flowering spurge	<i>Euphorbia corollata</i>
<input type="checkbox"/>	glade spurge	<i>Euphorbia purpurea</i>
	Stonecrops - Crassulaceae	
<input type="checkbox"/>	white stonecrop	<i>Sedum ternatum</i>
	Touch-me-nots - Balsaminaceae	
<input type="checkbox"/>	spotted touch-me-not	<i>Impatiens capensis</i>
<input type="checkbox"/>	pale touch-me-not	<i>Impatiens pallida</i>
	Trilliums - Trilliaceae	
<input type="checkbox"/>	wake-robin	<i>Trillium erectum</i>
<input type="checkbox"/>	large-flowered trillium	<i>Trillium grandiflorum</i>
<input type="checkbox"/>	southern nodding trillium	<i>Trillium rugelii</i>
<input type="checkbox"/>	painted trillium	<i>Trillium undulatum</i>
<input type="checkbox"/>	Vasey's trillium	<i>Trillium vaseyi</i>
	Vervains - Verbenaceae	
<input type="checkbox"/>	vervain	<i>Verbena urticifolia</i>



Violets - Violaceae

<input type="checkbox"/>	field pansy	<i>Viola arvensis</i>
<input type="checkbox"/>	wild pansy	<i>Viola bicolor</i>
<input type="checkbox"/>	white violet	<i>Viola blanda</i>
<input type="checkbox"/>	Canada violet	<i>Viola canadensis</i>
<input type="checkbox"/>	hairy blue violet	<i>Viola cf. Hirsutula</i>
<input type="checkbox"/>	marsh blue violet	<i>Viola cucullata</i>
<input type="checkbox"/>	halberd-leaf violet	<i>Viola hastata</i>
<input type="checkbox"/>	Macloskey's violet	<i>Viola macloskeyi</i>
<input type="checkbox"/>	birdfoot violet	<i>Viola pedata</i>
<input type="checkbox"/>	yellow violet	<i>Viola pubescens</i>
<input type="checkbox"/>	round-leaf violet	<i>Viola rotundifolia</i>
<input type="checkbox"/>	cut-leaf violet	<i>Viola septemloba</i>
<input type="checkbox"/>	common blue violet	<i>Viola sororia</i>

Waterleaves - Hydrophyllaceae

<input type="checkbox"/>	Canada waterleaf	<i>Hydrophyllum canadense</i>
<input type="checkbox"/>	Virginia waterleaf	<i>Hydrophyllum virginianum</i>
<input type="checkbox"/>	Appalachian phacelia	<i>Phacelia dubia</i>

Wild Yams - Dioscoreaceae

<input type="checkbox"/>	cinnamon vine	<i>Dioscorea oppositifolia</i>
<input type="checkbox"/>	wild yam	<i>Dioscorea quaternata</i>

Wood Sorrels - Oxalidaceae

<input type="checkbox"/>	southern wood sorrel	<i>Oxalis dillenii</i>
<input type="checkbox"/>	great wood sorrel	<i>Oxalis grandis</i>
<input type="checkbox"/>	mountain wood sorrel	<i>Oxalis montana</i>
<input type="checkbox"/>	yellow wood sorrel	<i>Oxalis stricta</i>
<input type="checkbox"/>	violet wood sorrel	<i>Oxalis violacea</i>

GRASSES, SEDGES & RUSHES

The moment one gives close attention to any thing, even a blade of grass, it becomes a mysterious, awesome, indescribably magnificent world in itself. – Henry Miller

Grasses - Poaceae

<input type="checkbox"/>	autumn bent grass	<i>Agrostis perennans</i>
<input type="checkbox"/>	redtop	<i>Agrostis stolonifera</i>
<input type="checkbox"/>	water foxtail grass	<i>Alopecurus geniculatus</i>
<input type="checkbox"/>	sweet vernal grass	<i>Anthoxanthum odoratum</i>
<input type="checkbox"/>	river cane	<i>Arundinaria gigantea</i>
<input type="checkbox"/>	common shorthusk	<i>Brachyelytrum erectum</i>
<input type="checkbox"/>	northern shorthusk	<i>Brachyelytrum septentrionale</i>
<input type="checkbox"/>	fringed brome grass	<i>Bromus ciliatus</i>
<input type="checkbox"/>	smooth brome grass	<i>Bromus inermis</i>
<input type="checkbox"/>	eastern brome grass	<i>Bromus pubescens</i>
<input type="checkbox"/>	common woodreed	<i>Cinna arundinacea</i>
<input type="checkbox"/>	drooping woodreed	<i>Cinna latifolia</i>
<input type="checkbox"/>	orchard grass	<i>Dactylis glomerata</i>
<input type="checkbox"/>	mountain oat grass	<i>Danthonia compressa</i>



<input type="checkbox"/>	poverty oat grass	<i>Danthonia spicata</i>
<input type="checkbox"/>	forked witch grass	<i>Dicanthelium dichotomum</i> var <i>dichotomum</i>
<input type="checkbox"/>	erect-leaved witch grass	<i>Dicanthelium erectifolium</i>
<input type="checkbox"/>	broad-leaved witch grass	<i>Dicanthelium latifolium</i>
<input type="checkbox"/>	slender-stem witch grass	<i>Dichanthelium acuminatum</i> var <i>fasciculatum</i>
<input type="checkbox"/>	Bosc's witch grass	<i>Dichanthelium boscii</i>
<input type="checkbox"/>	northern witch grass	<i>Dichanthelium</i> cf. <i>Boreale</i>
<input type="checkbox"/>	deer-tongue witch grass	<i>Dichanthelium clandestinum</i>
<input type="checkbox"/>	small-fruited witch grass	<i>Dichanthelium sphaerocarpon</i> var <i>isophyllum</i>
<input type="checkbox"/>	dwarf witch grass	<i>Dichanthelium strigosum</i> var <i>leucoblepharis</i>
<input type="checkbox"/>	white-haired witch grass	<i>Dicanthelium villosum</i> var <i>villosum</i>
<input type="checkbox"/>	crab grass	<i>Digitaria ischaemum</i>
<input type="checkbox"/>	goose grass	<i>Eleusine indica</i>
<input type="checkbox"/>	bottlebrush grass	<i>Elymus hystrix</i>
<input type="checkbox"/>	big-top love grass	<i>Eragrostis hirsuta</i>
<input type="checkbox"/>	Kentucky fescue	<i>Festuca pratensis</i>
<input type="checkbox"/>	red fescue	<i>Festuca rubra</i>
<input type="checkbox"/>	nodding fescue	<i>Festuca subverticillata</i>
<input type="checkbox"/>	northern manna grass	<i>Glyceria</i> cf. <i>melicaria</i>
<input type="checkbox"/>	fowl manna grass	<i>Glyceria striata</i>
<input type="checkbox"/>	velvet grass	<i>Holcus lanatus</i>
<input type="checkbox"/>	white cutgrass	<i>Leersia virginica</i>
<input type="checkbox"/>	Italian ryegrass	<i>Lolium perenne</i> var <i>aristatum</i>
<input type="checkbox"/>	melic grass	<i>Melica mutica</i>
<input type="checkbox"/>	Japanese grass	<i>Microstegium vimineum</i>
<input type="checkbox"/>	Chinese silver grass	<i>Miscanthus sinensis</i>
<input type="checkbox"/>	muhly grass	<i>Muhlenbergia schreberi</i>
<input type="checkbox"/>	slender muhly grass	<i>Muhlenbergia tenuiflora</i>
<input type="checkbox"/>	spreading panic grass	<i>Panicum dichotomiflorum</i>
<input type="checkbox"/>	bamboo	<i>Phyllostachys aurea</i>
<input type="checkbox"/>	spring bluegrass	<i>Poa autumnalis</i>
<input type="checkbox"/>	Canada bluegrass	<i>Poa compressa</i>
<input type="checkbox"/>	a bluegrass	<i>Poa cuspidata</i>
<input type="checkbox"/>	little bluestem	<i>Schizachyrium scoparium</i>
<input type="checkbox"/>	rye	<i>Secale cereale</i>
<input type="checkbox"/>	foxtail grass	<i>Setaria glauca</i>
	Rushes - Juncaceae	
<input type="checkbox"/>	a rush	<i>Juncus acuminatus</i>
<input type="checkbox"/>	common rush	<i>Juncus effusus</i>
<input type="checkbox"/>	seep rush	<i>Juncus gymnocarpus</i>
<input type="checkbox"/>	a rush	<i>Juncus marginatus</i>
<input type="checkbox"/>	path rush	<i>Juncus tenuis</i>
<input type="checkbox"/>	woodrush	<i>Luzula acuminata</i>
<input type="checkbox"/>	woodrush	<i>Luzula echinata</i>
	Sedges - Cyperaceae	
<input type="checkbox"/>	a sedge	<i>Carex aestivalis</i>
<input type="checkbox"/>	white bear sedge	<i>Carex albursina</i>
<input type="checkbox"/>	a sedge	<i>Carex appalachica</i>
<input type="checkbox"/>	a sedge	<i>Carex atlantica</i>



<input type="checkbox"/>	a sedge	<i>Carex brunnescens</i> var <i>sphaerostachya</i>
<input type="checkbox"/>	Carolina sedge	<i>Carex caroliniana</i>
<input type="checkbox"/>	common sedge	<i>Carex communis</i>
<input type="checkbox"/>	short sedge	<i>Carex digitalis</i>
<input type="checkbox"/>	star sedge	<i>Carex echinata</i> var <i>echinata</i>
<input type="checkbox"/>	a sedge	<i>Cares festucaea</i>
<input type="checkbox"/>	a sedge	<i>Carex flexuosa</i>
<input type="checkbox"/>	a sedge	<i>Carex frankii</i>
<input type="checkbox"/>	nodding sedge	<i>Carex gynandra</i>
<input type="checkbox"/>	crown sedge	<i>Carex laxiculmis</i> var <i>laxiculmis</i>
<input type="checkbox"/>	lax-flowered sedge	<i>Carex laxiflora</i>
<input type="checkbox"/>	sallow sedge	<i>Carex lurida</i>
<input type="checkbox"/>	a sedge	<i>Carex normalis</i>
<input type="checkbox"/>	Pennsylvania sedge	<i>Carex pennsylvanica</i>
<input type="checkbox"/>	plantain-leaf sedge	<i>Carex plantaginea</i>
<input type="checkbox"/>	broadleaf sedge	<i>Carex platyphylla</i>
<input type="checkbox"/>	a sedge	<i>Carex radiata</i>
<input type="checkbox"/>	a sedge	<i>Carex rosea</i>
<input type="checkbox"/>	Ruth's sedge	<i>Carex ruthii</i>
<input type="checkbox"/>	seep sedge	<i>Carex scabrata</i>
<input type="checkbox"/>	pointed broom sedge	<i>Carex scoparia</i>
<input type="checkbox"/>	bur-reed sedge	<i>Carex sparganoides</i>
<input type="checkbox"/>	upright sedge	<i>Carex stricta</i>
<input type="checkbox"/>	a sedge	<i>Carex venusta</i>
<input type="checkbox"/>	hair-fruit sedge	<i>Carex virescens</i>
<input type="checkbox"/>	a sedge	<i>Carex vulpinoidea</i>
<input type="checkbox"/>	Fraser's sedge	<i>Cymophyllus fraserianus</i>
<input type="checkbox"/>	false nutsedge	<i>Cyperus strigosus</i>
<input type="checkbox"/>	a spikerush	<i>Eleocharis obtusa</i>
<input type="checkbox"/>	greenhead sedge	<i>Kyllinga gracillima</i> (= <i>cyperus brevifolioides</i>)
<input type="checkbox"/>	brownish beak rush	<i>Rhynchospora capitellata</i>
<input type="checkbox"/>	bluntscale bulrush	<i>Schoenoplectus purshianus</i> (= <i>scirpus p.</i>)
<input type="checkbox"/>	woolgrass bulrush	<i>Scirpus cyperinus</i>
<input type="checkbox"/>	woodland bulrush	<i>Scirpus expansus</i>
<input type="checkbox"/>	bog bulrush	<i>Scirpus polyphyllus</i>



ERNES & CLUBMOSES

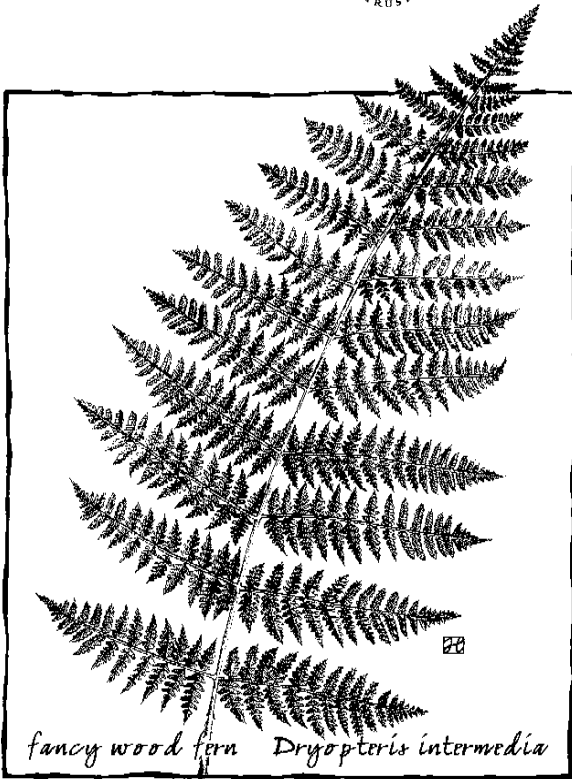
The ferns are a very satisfactory group if you would like to master one of the fields of natural science ... there are only a hundred or so common ones. A man ... can know them all. – Roger Tory Peterson

Adder's Tongues - Ophioglossaceae

<input type="checkbox"/>	common grape-fern	<i>Botrychium dissectum</i>
<input type="checkbox"/>	blunt-lobed grape-fern	<i>Botrychium oneidense</i>
<input type="checkbox"/>	rattlesnake fern	<i>Botrychium virginianum</i>

Brackens - Dennstaedtiaceae

<input type="checkbox"/>	hayscented fern	<i>Dennstaedtia punctulobula</i>
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The fancy woodfern, with 2 to 3 foot fronds, occurs in moist, rich woods and can be observed along many of the forested roadsides in the Preserve.

- | | | |
|---------------------------------------|----------------------|-----------------------------------|
| <input type="checkbox"/> | bracken | <i>Pteridium aquilinum</i> |
| Clubmosses - Lycopodiaceae | | |
| <input type="checkbox"/> | running cedar | <i>Diphasiastrum digitatum</i> |
| <input type="checkbox"/> | shining clubmoss | <i>Huperzia lucidula</i> |
| <input type="checkbox"/> | staghorn clubmoss | <i>Lycopodium clavatum</i> |
| <input type="checkbox"/> | common tree-clubmoss | <i>Lycopodium obscurum</i> |
| Filmy Ferns - Hymenophyllaceae | | |
| <input type="checkbox"/> | grotto felt | <i>Trichomanes intricatum</i> |
| Horsetails - Equisetaceae | | |
| <input type="checkbox"/> | field horsetail | <i>Equisetum arvense</i> |
| Maidenhair Ferns - Pteridaceae | | |
| <input type="checkbox"/> | maidenhair fern | <i>Adiantum pedatum</i> |
| Marsh Ferns - Thelypteridaceae | | |
| <input type="checkbox"/> | broad beech fern | <i>Phegopteris hexagonoptera</i> |
| <input type="checkbox"/> | New York fern | <i>Thelypteris noveboracensis</i> |
| Polypodies - Polypodiaceae | | |
| <input type="checkbox"/> | Appalachian polypody | <i>Polypodium appalachianum</i> |
| <input type="checkbox"/> | common polypody | <i>Polypodium virginianum</i> |
| Royal Ferns - Osmundaceae | | |
| <input type="checkbox"/> | cinnamon fern | <i>Osmunda cinnamomea</i> |
| <input type="checkbox"/> | interrupted fern | <i>Osmunda claytoniana</i> |



<input type="checkbox"/>	royal fern	<i>Osmunda regalis</i>
<input type="checkbox"/>	Shoestring Ferns - Vittariaceae	
<input type="checkbox"/>	Appalachian shoestring fern	<i>Vittaria appalachiana</i>
<input type="checkbox"/>	Spleenworts - Aspleniaceae	
<input type="checkbox"/>	ebony spleenwort	<i>Asplenium platyneuron</i>
<input type="checkbox"/>	walking fern	<i>Asplenium rhizophyllum</i>
<input type="checkbox"/>	maidenhair spleenwort	<i>Asplenium trichomanes</i>
<input type="checkbox"/>	Wood Ferns - Dryopteridaceae	
<input type="checkbox"/>	southern lady fern	<i>Athyrium asplenioides</i>
<input type="checkbox"/>	spreading bladderfern	<i>Cystopteris protrusa</i>
<input type="checkbox"/>	silvery glade fern	<i>Deparia acrostichoides</i>
<input type="checkbox"/>	glade fern	<i>Diplazium pycnocarpon</i>
<input type="checkbox"/>	mountain woodfern	<i>Dryopteris campyloptera</i>
<input type="checkbox"/>	goldie's woodfern	<i>Dryopteris goldiana</i>
<input type="checkbox"/>	fancy woodfern	<i>Dryopteris intermedia</i>
<input type="checkbox"/>	marginal woodfern	<i>Dryopteris marginalis</i>
<input type="checkbox"/>	sensitive fern	<i>Onoclea sensibilis</i>
<input type="checkbox"/>	Christmas fern	<i>Polystichum acrostichoides</i>
<input type="checkbox"/>	blunt-lobed cliff fern	<i>Woodsia obtusa</i>



MUSHROOMS

But the humblest fungus betrays a life akin to our own. It is a successful poem in its kind.
 – Henry David Thoreau

<input type="checkbox"/>	amanita	<i>Amanita virosa</i>
<input type="checkbox"/>	amanita, citron	<i>Amanita citrina</i>
<input type="checkbox"/>	cap, brittle	<i>Psathyrella #1</i>
<input type="checkbox"/>	cap, chanterelle waxy	<i>Hygrocybe cantharellus</i>
<input type="checkbox"/>	cap, golden tooth waxy	<i>Hygrophorus chrysodon</i>
<input type="checkbox"/>	cap, orange gold waxy	<i>Hygrophorus flavescens</i>
<input type="checkbox"/>	cap, tawny almond waxy	<i>Hygrophorus bakerensis</i>
<input type="checkbox"/>	cap, white waxy	<i>Hygrophorus eburneus</i>
<input type="checkbox"/>	cap, yellow waxy	<i>Hygrophorus marinatus var. marginata</i>
<input type="checkbox"/>	chanterelle, trumpet	<i>Cantharellus tubaeformis</i>
<input type="checkbox"/>	club, yellow	<i>Clavulinopsis fusiformis</i>
<input type="checkbox"/>	coprinus, wooly-stalked	<i>Coprinus lagopus</i>
<input type="checkbox"/>	coral, flat-topped club	<i>Clavariadelphus truncatus</i>
<input type="checkbox"/>	coral, gray	<i>Clavulina cinerea</i>
<input type="checkbox"/>	coral, jellied false	<i>Tremellodendron pallidum</i>
<input type="checkbox"/>	coral, white worm	<i>Clavaria vermicularis</i>
<input type="checkbox"/>	crep, flat	<i>Crepidotus applanatus</i>
<input type="checkbox"/>	cup, bird's nest or splash	<i>Cyathus striatus</i>
<input type="checkbox"/>	cup, long-stalked gray	<i>Helvella macropus</i>
<input type="checkbox"/>	cup, yellow fairy	<i>Bisporella citrina</i>
<input type="checkbox"/>	fingers, dead man's	<i>Xylaria polymorpha</i>
<input type="checkbox"/>	fungus, blue stain	<i>Chlorociboria aeruginescens</i>



<input type="checkbox"/>	fungus, cup	<i>Peziza domiciliana</i>
<input type="checkbox"/>	fungus, orange peel	<i>Aleuria aurantia</i>
<input type="checkbox"/>	fungus, paper-like shelf	<i>Daedalopsis confragosa</i>
<input type="checkbox"/>	galerina, deadly	<i>Galerina "autumnalis"</i>
<input type="checkbox"/>	gill, crimped	<i>Plicaturopsis crispa</i>
<input type="checkbox"/>	grisette, tawny	<i>Amanita fulva</i>
<input type="checkbox"/>	Jack, slippery	<i>Suillus aff. intermedia</i>
<input type="checkbox"/>	laccaria, common	<i>Laccaria laccata</i>
<input type="checkbox"/>	marasmius, pinwheel	<i>Marasmius rotula</i>
<input type="checkbox"/>	marasmius, orange pinwheel	<i>Marasmius siccus</i>
<input type="checkbox"/>	milky, variegated	<i>Lactarius subpurpureus</i>
<input type="checkbox"/>	milky, voluminous-latex	<i>Lactarius volemus</i>
<input type="checkbox"/>	mold, bolete	<i>Hypomyces chrysospermus/boletus</i>
<input type="checkbox"/>	mushroom, extremely odorous	<i>Mutinus elegans</i>
<input type="checkbox"/>	mushroom, honey	<i>Armillaria "mellea"</i>
<input type="checkbox"/>	mushroom, lobster	<i>Hypomyces lactiflorum/lactarius</i>
<input type="checkbox"/>	mushroom, yellow	<i>Entoloma salmoneum</i>
<input type="checkbox"/>	nest, white-egg bird's	<i>Crucibulum laeve</i>
<input type="checkbox"/>	oudemansiella, rooted	<i>Xerula furfuracea</i>
<input type="checkbox"/>	oyster, leaflike	<i>Hohenbuehelia petaloides</i>
<input type="checkbox"/>	parchment, crowded	<i>Stereum complicatum</i>
<input type="checkbox"/>	patches, yellow	<i>Amanita flavoconia</i>
<input type="checkbox"/>	pluteus, yellow	<i>Pluteus cf. admirabilis</i>
<input type="checkbox"/>	pluteus, yellow	<i>Pluteus aff. flavofuliginus</i>
<input type="checkbox"/>	polypore, blue-pored	<i>Albatrellus caeruleoporus</i>
<input type="checkbox"/>	polypore, cracked cap	<i>Phellanius rimosus</i>
<input type="checkbox"/>	polypore, milk-white toothed	<i>Irpex lacteus</i>
<input type="checkbox"/>	polypore, white cheese	<i>Tyromyces chioneus</i>
<input type="checkbox"/>	polypore, violet toothed	<i>Trichaptum bififormis</i>
<input type="checkbox"/>	puffball, gem-studded	<i>Lycoperdon perlatum</i>
<input type="checkbox"/>	puffball, red-topped jelly	<i>Calostoma ravellinii</i>
<input type="checkbox"/>	russula, blue	<i>Russula delica</i>
<input type="checkbox"/>	slime, wolf's milk	<i>Lycogala epidendrum</i>
<input type="checkbox"/>	stinkhorn, Ravenel's	<i>Phallus ravenellii</i>
<input type="checkbox"/>	tail, turkey	<i>Trametes versicolor</i>
<input type="checkbox"/>	trich, malodorous	<i>Tricholoma sulphureum</i>
<input type="checkbox"/>	trich, separating	<i>Tricholoma sejunctum</i>
<input type="checkbox"/>	trich, white	<i>Tricholoma aff. columbetta</i>
<input type="checkbox"/>	woods, old man of the	<i>Strobilomyces floccopus</i>

