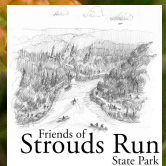


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Vascular Plant Checklist *of the* Strouds Run Area



**Strouds Run
Field Guide #6**

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Publications in this series:

1. *Geology and Physical Geography of the Strouds Run Area*
2. *Spring Wildflowers of the Strouds Run Area*
3. *Non-Native Invasive Plants of the Strouds Run Area*
4. *Ferns, Fern Allies, and Lycophytes of the Strouds Run Area*
5. *Woody Plants of the Strouds Run Area*
6. *A Vascular Plant Checklist of the Strouds Run Area*
7. *Summer and Autumn Wildflowers of the Strouds Run Area*

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Photo credits: Cover: Butterfly weed, *Asclepias tuberosa*, photo by John Knouse

A Vascular Plant Checklist of the Strouds Run Area

Background

Strouds Run State Park, about 2,600 acres in a larger matrix of about 4,300 acres of preserved open-space land, mostly lies within the watershed of Dow Lake, the centerpiece of the park. It includes only a portion of the watershed. The state park was originally the Athens State Forest, purchased from just after World War II into the 1960s. The lake was built in the late 1950s and the land became the park when the lake opened in 1961.

The area also includes the Strouds Ridge Preserve lands with 353 acres (including Sells Park and the Riddle State Nature Preserve), several Athens Conservancy Preserves (Blair Preserve, comprising 75 acres; Tucker Run Preserve, with 50 acres; and the Lohse Preserve of 250 acres), two small nearby tracts of the Wayne National Forest, and the Baker Preserve, 264 acres).

This area is rich in woody plants: trees, shrubs and vines. There are over 130 species present in the Strouds Run area, and this is not counting the many planted landscaping species in Athens that have not yet escaped into the wild.

Strouds Run State Park and surrounding lands feature forest groves a century or more old. These woods that have not been disturbed for many years act as a reservoir for species that otherwise might be more rare or even absent. Hawk Woods (in the Dale and Jackie Riddle State Nature Preserve) and the Crumley Ridge area of the state park (formerly preserved by Dr. J. J. Crumley, an early Ohio state forester) both include old forest. Hawk Woods, in particular, is true old-growth forest, having been undisturbed for about 150 years, and only minimally disturbed before that.

Unfortunately, much of the forest has been impacted by invasive exotic plants, including many woody species. Most of the woody exotics are Asian in origin and have fleshy fruits that are eaten by birds, which then drop the seeds throughout the woods. The organizations mentioned on the title page are working to eradicate the invasive species as much as possible.

The major dividing line between vascular plants and non-vascular plants such as mosses and liverworts is that each normal vegetative cell in non-vascular plants has only one set of chromosomes, while each normal vegetative cell in vascular plants has two parallel sets of chromosomes. Another major difference is that vascular plants have specialized structures for conducting water through the plant that non-vascular plants lack, and this enables a much larger and more complex structure.

There are five major divisions of vascular plants in our area. First, the lycophytes reproduce by spores and have very primitive apparent structures, looking much like mosses. They were the first group to diverge. Then the line split between the Pteridophyta (ferns) and Spermatophyta (seed plants). The fern line further split between the Equisetum line and the higher fern line. The placement of the Ophioglossoid ferns is controversial in terms of which split these belong to or whether they should be considered a third split.

The seed plants split into several groups. Two of these are very small and not present in the area of the park. The third are the gymnosperms, or “evergreens” (conifers), and the flowering plants, which comprise the majority of plant species. The classification scheme used for seed plants is the Angiosperm Phylogeny Group II system of 2003, with some changes from the III system of 2009.

***=invasive exotic

**=non-invasive exotic

*=native to the region, but not the localized area

Lycophytes (LYCOPHYTA)

LYCOPODIOPSIDA

Lycopodiales

Lycopodiaceae

Princess pine, groundpine, *Lycopodium obscurum*
Groundcedar, *Diphasiastrum digitatum*

Huperziaceae

Shining firmoss, *Huperzia lucidula*

Ferns (PTERIDOPHYTA)

EQUISETOPOPSIDA (HORSETAILS)

Equisetales

Equisetaceae

Field horsetail, *Equisetum arvense*
Scouring rush, *Equisetum hyemale* var. *affine* (*Hippochaete hyemale* var. *affine*)

OPHIOGLOSSOPSIDA

Ophioglossales

Ophioglossaceae

Southern adders-tongue, *Ophioglossum pycnostichum*

Botrychiaceae

Rattlesnake fern, *Botrypus virginiana*
Oblique grape fern, *Sceptridium dissectum*
Matricary grape fern, *Botrychium matricariifolium*

POLYPODIOPSIDA (“TRUE FERNS”)

Osmundales

Osmundaceae

Interrupted fern, *Osmunda claytoniana*
Cinnamon fern, *Osmundastrum cinnamomeum*

Dennstaedtiales

Dennstaedtiaceae

Hay-scented fern, *Dennstaedtia punctilobula*

Pteridales

Adiantaceae

Maidenhair, *Adiantum pedatum*

Cheilantheaceae

Purple-stem cliffbrake, *Pellaea atropurpurea*
Smooth cliffbrake, *Pellaea glabella* (only found once)

Blechnales

Woodsiaceae

Blunt-lobe cliff fern, *Woodsia obtusa*

Cystopteridaceae

Lowland fragile fern, *Cystopteris protrusa* (brittle fern, bladder fern)
Tennessee bladder fern, *Cystopteris tennesseensis*
Bulblet fern, *Cystopteris bulbifera*

Rock fragile fern, *Cystopteris tenuis*

Aspleniaceae

Lobed spleenwort, *Asplenium pinnatifidum*

Ebony spleenwort, *Asplenium platyneuron*

Walking fern, *Asplenium rhizophyllum* (*Camptosorus rhizophyllum*)

Thelypteridaceae

New York fern, *Thelypteris noveboracensis*

Broad beech fern, *Phegopteris hexagonoptera* (*Theylypteris hexagonoptera*)

Blechnaceae

Sensitive fern, *Onoclea sensibilis* (bead fern)

Athyriaceae

Northern lady fern, *Athyrium angustum* (*Athyrium filix-femina* var. *angustum*)

Silvery glade fern, *Deparia acrostichoides*

Narrow glade fern, *Diplazium pycnocarpon* (*Homalosorus pycnocarpos*)

Polypodiales

Dryopteridaceae

Spinulose wood fern, *Dryopteris carthusiana* (*Dryopteris spinulosa*, florist's fern)

Crested wood fern, *Dryopteris cristata*

Goldie's wood fern, *Dryopteris goldiana*

Intermediate wood fern, *Dryopteris intermedia* (florist's fern, evergreen wood fern)

Marginal wood fern, *Dryopteris marginalis* (evergreen wood fern, leatherleaf wood fern)

Christmas fern, *Polystichum acrostichoides*

Polypodiaceae

Appalachian polypody, *Polypodium appalachianum*

Virginia polypody, *Polypodium virginianum*

Hybrid polypody, *Polypodium Xincognitum*

SEED PLANTS (Spermatophyta)

Seed plants are generally divided into five groups: **Cycadophyta**, the cycads; **Ginkgophyta**, the ginkgo; **Gnetophyta**, which includes *Gnetum*, *Ephedra*, and *Welwitschia*; **Pinophyta**, the conifers, and **Angiospermae**, the flowering plants. Only the last two occur in our area.

PINOPHYTA (aka Gymnospermae)

Pinales

Pinaceae

*White pine, *Pinus strobus*

*Red pine, *Pinus resinosa*

**Scotch pine, *Pinus sylvestris*

**European larch, *Larix decidua*

**Spruce, *Picea glauca*

Canadian hemlock, *Tsuga canadensis*

Cupressaceae

*Baldcypress, *Taxodium distichum*

ANGIOSPERMAE (Flowering Plants)

Note: Rather than the traditional paraphyletic arrangement of “monocots” and “dicots,” this guide separates out the magnolids so that the remaining groups are natural groups, i.e., monophyletic.

Magnoliids

Piperales

Aristolochiaceae

Dutchman's pipe, *Aristolochia serpentaria*
Wild ginger, *Asarum canadense*

Magnoliales

Magnoliaceae

Cucumber tree, *Magnolia acuminata* (cucumber magnolia)
Tuliptree, *Liriodendron tulipifera* (yellow poplar, tulip poplar)

Annonaceae

Pawpaw, *Asimina triloba*

Lauraceae

Spicebush, *Lindera benzoin*
Sassafras, *Sassafras albidum*

Monocots

Alismatales

Alismataceae

Water plantain, *Alisma subcordatum*
Arrowhead, *Sagittaria latifolia*

Araceae

Green dragon, *Arisaema dracontium*
Jack in the pulpit, *Arisaema triphyllum*

Dioscoreales

Dioscoreaceae

Wild yam, *Dioscorea villosa*

Liliales

Trilliaceae

Erect trillium, *Trillium erectum*
Nodding trillium, *Trillium flexipes*
White trillium, *Trillium grandiflorum* (large-flowered trillium)
Toadshade, *Trillium sessile* (sessile trillium)

Colchicaceae

Bellwort, *Uvularia grandiflora*

Smilacaceae

Glaucous greenbrier, *Smilax glauca*
Hispid greenbrier, *Smilax hispida*
Greenbrier, *Smilax rotundifolia* (roundleaf greenbrier)

Liliaceae

White trout lily, *Erythronium albidum* (dogtooth violet)
Yellow trout lily, *Erythronium americanum* (dogtooth violet)
Canada lily, *Lilium canadense*
Indian cucumber-root, *Mediola virginiana*
**Star-of-Bethlehem, *Ornithogalum umbellatum*

Asparagales**Orchidaceae**

Putty-root, *Aplectrum hyemale*
Coral-root, *Corallorhiza odontorhiza*
Coral-root, *Corallorhiza wisteriana*
Showy orchis, *Galearis spectabilis*
Lily-leaved twayblade, *Liparis lilifolia*
Yellow fringed orchid, *Platanthera lacera*
Lady's-tresses, *Spiranthes lacera*
Lady's-tresses, *Spiranthes ovalis*
Lady's-tresses, *Spiranthes vernalis*
Adam-and-Eve orchid, *Malaxis unifolia* (*ophioglossoides*)
Rattlesnake plantain, *Goodyera pubescens*
Crane-fly orchid, *Tipularia discolor*

Iridaceae

Blue-eyed grass, *Sisyrinchium angustifolium*

Asphodelaceae

**Daylily, *Hemerocallis fulva*

Amaryllidaceae

Wild onion, *Allium canadense*
Ramps, *Allium tricoccum*
**Garlic grass, *Allium vineale*

Asparagaceae

Solomon's seal, *Polygonatum biflorum*
Solomon's seal, *Polygonatum pubescens*
Solomon's plume, *Maianthemum racemosum* (false Solomon's seal, *Smilacina racemosa*)

Poales**Typhaceae**

Narrow-leaf cattail, *Typha angustifolia*
Cattail, *Typha latifolia*

Cyperaceae

White-tinged sedge, *Carex albicans*
White bear sedge, *Carex albursina*
Eastern narrow-leaf sedge, *Carex amphibola*
Frank's sedge, *Carex frankii*
Blue sedge, *Carex glaucoidea* (*Carex flaccosperma*)
Limestone meadow sedge, *Carex granularis*
Gray's sedge, *Carex grayi*
Hairy-leaved sedge, *Carex hirsutella* (*Carex complanata*)
Hitchcock's sedge, *Carex hitchcockiana*
Spreading sedge, *Carex laxiculmis*
Broad loose-flowered sedge, *Carex laxiflora*
Hop sedge, *Carex lupulina*
Shallow sedge, *Carex lurida*
Greater straw sedge, *Carex normalis*
Pennsylvania sedge, *Carex pennsylvanica*
Flat-leaf sedge, *Carex platyphylla*
Rosy sedge, *Carex rosea*
Short's sedge, *Carex shortiana*

Cyperaceae, continued

Rigid sedge, *Carex tetanica*
Twisted sedge, *Carex torta*
Brown fox sedge, *Carex vulpinoidea*
Globe flatsedge, *Cyperus echinatus*
Flatsedge, *Cyperus flavescens*
False nutsedge, *Cyperus strigosus*
Blunt spike-rush, *Eleocharis ovata*
Black bulrush, *Scirpus atrovirens*
Bulrush, *Scirpus polyphyllus*

Juncaceae

Sharp reed, *Juncus acuminatus*
Soft reed, *Juncus effusus*
Reed, *Juncus marginatus*
Path reed, *Juncus tenuis*
Wood rush, *Luzula echinata*
Many-flowered wood rush, *Luzula multiflora*

Poaceae

**Redtop, *Agrostis gigantea*
Autumn bent-grass, *Agrostis perennans*
Big bluestem, *Andropogon gerardii*
**Sweet vernal grass, *Anthoxanthum odoratum*
Prairie three-awn, *Aristida oligantha*
**Hairy chess, *Bromus commutatus*
Broom, *Bromus pubescens*
**Broom, *Bromus racemosus*
**Orchard grass, *Dactylis glomerata*
Poverty oat-grass, *Danthonia spicata*
**Smooth crabgrass, *Digitaria ischaemum*
Barnyard grass, *Echinochloa muricata*
Bottlebrush grass, *Elymus hystrix*
Streambank wild rye, *Elymus riparius*
Slender wheatgrass, *Elymus trachycaulus*
Downy wild rye, *Elymus villosus*
Virginia wild rye, *Elymus virginicus*
Lace grass, *Eragrostis capillaris*
Purple love grass, *Eragrostis spectabilis*
Nodding fescue, *Festuca subverticillata*
Northeastern manna grass, *Glyceria melicaria*
Fowl manna grass, *Glyceria striata*
**Common velvet grass, *Holcus lanatus*
White grass, *Leersia virginica*
**Rye grass, *Lolium perenne*
**Rye grass, *Lolium pratense*
**Asian stilt-grass, *Microstegium vimineum*
**Eulalia, *Miscanthus sinensis*
Muhly, *Muhlenbergia frondosa*
Panic grass, *Panicum acuminatum*
Panic grass, *Panicum boscii*
Panic grass, *Panicum clandestinum*

Poaceae, continued

Panic grass, *Panicum linearifolium*
 Bead grass, *Paspalum pubiflorum*
 Bead grass, *Paspalum setaceum*
 Reed canary grass, *Phalaris arundinacea*
 **Timothy, *Phleum pratense*
 **European bluegrass, *Poa compressa*
 Bluegrass, *Poa cuspidata*
 Little bluestem, *Schizachyrium scoparium*
 **Yellow foxtail, *Setaria glauca*
 **Johnson grass, *Sorghum halepense*
 Purpletop, *Tridens flavus*

Commelinales**Commelinaceae**

**Dayflower, *Commelina communis*
 Virginia spiderwort, *Tradescantia virginiana*

Eudicots**Ranunculales****Berberidaceae**

***Japanese barberry, *Berberis thunbergii*
 Blue cohosh, *Caulophyllum thalictroides*
 Twinleaf, *Jeffersonia diphylla*
 Mayapple, *Podophyllum peltatum*

Papaveraceae

Yellow corydalis, *Corydalis flavula*
 Squirrel corn, *Dicentra canadensis*
 Dutchman's-breeches, *Dicentra cucullaria*
 Bloodroot, *Sanguinaria canadensis*

Ranunculaceae

White baneberry, *Actaea pachypoda* (doll's eyes)
 Thimbleflower, *Anemone virginiana*
 Columbine, *Aquilegia canadensis*
 Black cohosh, *Actaea racemosa* (*Cimicifuga racemosa*)
 Leatherflower, *Clematis viorna*
 Virgin's-bower, *Clematis virginiana*
 Dwarf larkspur, *Delphinium tricorne*
 Hepatica, *Hepatica americana*
 Goldenseal, *Hydrastis canadensis*
 Small-flowered crowfoot, *Ranunculus abortivus*
 Allegheny crowfoot, *Ranunculus allegheniensis*
 Hispid buttercup, *Ranunculus hispidus*
 Small-flowered crowfoot, *Ranunculus micranthus*
 Hooked crowfoot, *Ranunculus recurvatus*
 Meadow rue, *Thalictrum dioicum*
 Rue anemone, *Thalictrum thalictroides* (*Anemonella thalictroides*)

Menispermaceae

Moonseed, *Menispermum canadense*

Proteales**Platanaceae**Sycamore, *Platanus occidentalis***Saxifragales****Altingiaceae**Sweetgum, *Liquidambar styraciflua***Crassulaceae**Stonecrop, *Sedum ternatum***Hamamelidaceae**Witch-hazel, *Hamamelis virginiana***Saxifragaceae**Alum-root, *Heuchera americana*Bishop's miter, *Mitella diphylla*Ditch-stonecrop, *Penthorum sedoides*Rock saxifrage, *Saxifraga virginensis*Foamflower, *Tiarella cordifolia***Vitales****Vitaceae**Virginia creeper, *Parthenocissus quinquefolia*Summer grape, *Vitis aestivalis*River grape, *Vitis riparia*Fox grape, *Vitis vulpina***Celastrales****Celastraceae*****Asian bittersweet, *Celastrus orbiculatus*American bittersweet, *Celastrus scandens****Burning bush, *Euonymus alatus*Strawberry bush, *Euonymus americana*Wahoo, *Euonymus atropurpureus****Wintercreeper, *Euonymus fortunei***Malpighiales****Linaceae**Virginia yellow flax, *Linum virginianum***Hypericaceae**St.-Johns-wort, *Hypericum mutilum*Spotted St.-Johns-wort, *Hypericum punctatum***Euphorbiaceae**Short-stalked copperleaf, *Acalypha gracilens*Virginia copperleaf, *Acalypha virginica*Flowering spurge, *Euphorbia corollata*Milk-purslane, *Euphorbia maculata*Eye-bane, *Euphorbia nutans*Woodland spurge, *Euphorbia obtusata***Salicaceae**Cottonwood, *Populus deltoides*Bigtooth aspen, *Populus grandidentata***Crack willow, *Salix fragilis*Interior willow, *Salix interior* (*Salix exigua*)Black willow, *Salix nigra*

Violaceae

- Sweet violet, *Viola blanda*
- Canada violet, *Viola canadensis*
- Wood violet, *Viola palmata*
- Yellow violet, *Viola pubescens*
- Long-spurred violet, *Viola rostrata*
- Common blue violet, *Viola sororia*
- Striped white violet, *Viola striata*

Oxalidales**Oxalidaceae**

- Southern yellow wood sorrel, *Oxalis dillenii*
- Large wood sorrel, *Oxalis grandis*
- Common yellow wood sorrel, *Oxalis stricta*
- Violet wood sorrel, *Oxalis violacea*

Fabales**Fabaceae**

- Hog-peanut, *Amphicarpaea bracteata*
- Indian peanut, *Apios americana* (groundnut)
- Redbud, *Cercis canadensis*
- Partridge pea, *Chamaecrista nictitans*
- **Crown-vetch, *Coronilla varia*
- Hoary tick-trefoil, *Desmodium canescens*
- Naked tick-trefoil, *Desmodium nudiflorum*
- Panicled tick-trefoil, *Desmodium paniculatum*
- Stiff tick-trefoil, *Desmodium rigidum*
- Round-leaved tick-trefoil, *Desmodium rotundifolium*
- Honeylocust, *Gleditsia triacanthos*
- Kentucky coffeetree, *Gymnocladus dioica*
- **Japanese clover, *Kummerowia striata*
- **Sericea lespedeza, *Lespedeza cuneata*
- Hairy lespedeza, *Lespedeza hirta*
- Wand lespedeza, *Lespedeza intermedia*
- Downy trailing lespedeza, *Lespedeza procumbens*
- Smooth trailing lespedeza, *Lespedeza repens*
- Violet lespedeza, *Lespedeza violacea*
- Virginia lespedeza, *Lespedeza virginica*
- **Birdsfoot trefoil, *Lotus corniculatus*
- Black medick, *Medicago lupulina*
- White sweet clover, *Melilotus albus*
- Yellow sweet clover, *Melilotus officinalis*
- Black locust, *Robinia pseudoacacia*
- Wild senna, *Senna hebecarpa*
- Annual woolly bean, *Strophostyles helvula*
- Yellow hop-clover, *Trifolium aureum*
- Low hop-clover, *Trifolium campestre*
- Alsike clover, *Trifolium hybridum*
- Red clover, *Trifolium pratense*
- White clover, *Trifolium repens*
- Smooth vetch *Vicia dasycarpa*
- Hairy vetch, *Vicia villosa*
- Kentucky wisteria, *Wisteria macrostachya*

Polygalaceae

- Blood milkwort, *Polygala sanguinea*
Whorled milkwort, *Polygala verticillata*

Rosales**Rosaceae, subfamily Rosoideae**

- Agrimony, *Agrimonia gryposepala*
Small-flowered agrimony, *Agrimonia parviflora*
Downy agrimony, *Agrimonia pubescens*
Wild strawberry, *Fragaria virginiana*
White avens, *Geum canadense*
Rough avens, *Geum laciniatum*
Spring avens, *Geum verum*
American ipecac, *Porteranthus stipulatus* (Indian physic)
Running cinquefoil, *Potentilla canadensis*
**Mock strawberry, *Potentilla indica* (Indian strawberry)
Sulfur cinquefoil, *Potentilla recta*
Old-field cinquefoil, *Potentilla simplex*
**Dog rose, *Rosa canina*
Carolina rose, *Rosa carolina*
**Multiflora rose, *Rosa multiflora*
Climbing prairie rose, *Rosa setigera*
Blackberry, *Rubus allegheniensis*
Dewberry, *Rubus flagellaris*
Black raspberry, *Rubus occidentalis*
Blackberry, *Rubus pensilvanicus*
***Wineberry, *Rubus phoenicolasius*

Rosaceae, subfamily Pyroideae

- Serviceberry, *Amelanchier arborea* (shadblow)
Cockspur-thorn hawthorn, *Crataegus crus-gallii*
Hawthorns, *Crataegus* sp.
Narrow-leaf crabapple, *Malus angustifolia*
Sweet crabapple, *Malus coronaria*
**Common pear, *Pyrus communis*

Prunaceae (Rosaceae, subfamily Prunoideae)

- American plum, *Prunus americana*
Wild black cherry, *Prunus serotina*
Horticultural cherry, *Prunus* sp.

Rhamnaceae

- Buttonbush, *Ceanothus americanus*

Eleagnaceae

- **Autumn olive, *Eleagnus umbellata*

Ulmaceae

- American elm, *Ulmus americana*
Slippery elm, *Ulmus rubra* (red elm)

Cannabaceae

- Hackberry, *Celtis occidentalis*
Dwarf hackberry, *Celtis tenuis*

Moraceae

- *Osage orange, *Maclura pomifera*
- **White mulberry, *Morus alba*
- Red mulberry, *Morus rubra*

Urticaceae

- False nettle, *Boehmeria cylindrica*
- Wood nettle, *Laportea canadensis*
- Clearweed, *Pilea pumila*

Fagales**Fagaceae**

- American beech, *Fagus grandifolia*
- American chestnut, *Castanea dentata*
- White oak, *Quercus alba*
- Post oak, *Quercus stellata*
- Chestnut oak, *Quercus prinus* (*Q. montana*, rock oak, mountain oak)
- Chinkapin oak, *Quercus muehlenbergii* (yellow oak)
- *Bur oak, *Quercus macrocarpa*
- Swamp white oak, *Quercus bicolor*
- Red oak, *Quercus rubra* (*Quercus borealis*, northern red oak)
- Scarlet oak, *Quercus coccinea*
- Black oak, *Quercus velutina* (quercitron)
- Shingle oak, *Quercus imbricaria*

Juglandaceae

- Bitternut hickory, *Carya cordiformis*
- Pignut hickory, *Carya glabra*
- Kingnut hickory, *Carya laciniosa* (shellbark hickory)
- Shagbark hickory, *Carya ovata*
- Mockernut hickory, *Carya tomentosa*
- Black walnut, *Juglans nigra*
- Butternut, *Juglans cinerea*

Betulaceae

- River birch, *Betula nigra*
- Ironwood, *Carpinus caroliniana* (hornbeam, musclewood, blue beech)
- Hop hornbeam, *Ostrya virginica* (ironwood)
- American hazelnut, *Corylus americana* (American filbert)

Geraniales**Geraniaceae**

- Carolina crane's bill, *Geranium carolinianum*
- Wild geranium, *Geranium maculatum* (cranesbill)

Myrtales**Lythraceae**

- Blue waxweed, *Cuphea viscosissima*
- **Purple loosestrife, *Lythrum salicaria*

Onagraceae

- Enchanter's nightshade, *Circaea lutetiana*
- Western willow-herb, *Epilobium coloratum*
- Seedbox, *Ludwigia alternifolia* (square-pod water primrose)
- Common water purslane, *Ludwigia palustris*
- Common evening primrose, *Oenothera biennis*

Crossosomatales**Staphyleaceae**

Bladdernut, *Staphylea trifolia*

Sapindales**Anacardiaceae**

Winged sumac, *Rhus copallina*

Smooth sumac, *Rhus glabra*

Staghorn sumac, *Rhus typhina*

Poison ivy, *Toxicodendron radicans*

Sapindaceae

Boxelder, *Acer negundo*

Red maple, *Acer rubrum*

Silver maple, *Acer saccharinum* (water maple)

Sugar maple, *Acer saccharum*

**Norway maple, *Acer platanoides*

Yellow buckeye, *Aesculus octandra*

Simaroubaceae

**Tree-of-heaven, *Ailanthus altissima* (stinktree)

Brassicales**Brassicaceae**

**Garlic mustard, *Alliaria petiolata*

Sickle-pod, *Arabis canadensis*

Hairy rockcress, *Arabis hirsuta*

Smooth rockcress, *Arabis laevigata*

**Common mustard, *Barbarea vulgaris*

Cutleaf toothwort, *Cardamine concatenata*

Two-leaf toothwort, *Cardamine diphylla*

Purple cress, *Cardamine douglasii* (spring cress, early cress)

Hoary bitter cress, *Cardamine hirsuta*

Pennsylvania bitter cress, *Cardamine pennsylvanica*

Trailing bitter cress, *Cardamine rotundifolia*

**Whitlow grass, *Erophila verna* (*Draba verna*)

**Dog mustard, *Erucastrum gallicum*

**Dames-rocket, *Hesperis matronalis*

Purple rocket, *Iodanthus pinnatifidus*

**Field cress, *Lepidium campestre*

Limnanthaceae

False mermaid, *Floerkea proserpinacoides*

Malvales**Malvaceae**

Rose swamp mallow, *Hibiscus moscheutos* (swamp mallow)

Basswood, *Tilia heterophylla*

Thymeleaceae

Leatherwood, *Dirca palustris*

Caryophyllales**Caryophyllaceae**

- **Mouse-ear chickweed, *Cerastium fontanum*
- **Deptford pink, *Dianthus armeria*
- **Giant chickweed, *Myosoton aquaticum*
- Forked chickweed, *Paronychia canadensis*
- **White campion, *Silene latifolia*
- Starry campion, *Silene stellata*
- Fire pink, *Silene virginica*
- Long-leaved stitchwort, *Stellaria longifolia*
- Star chickweed, *Stellaria pubera*
- **Common chickweed, *Stellaria media*

Phytolaccaceae

- Pokeweed, *Phytolacca americana*

Polygonaceae

- **Black bindweed, *Fallopia convolvulus*
- **Japanese knotweed, *Fallopia japonica*
- **Smartweed, *Persicaria caespitosa*
- Dotted smartweed, *Persicaria punctata*
- Arrow-leaved tear-thumb, *Persicaria sagittata*
- **Dooryard knotweed, *Polygonum arenastrum*

Polygonaceae, continued

- Virginia knotweed, *Polygonum virginianum*
- **Sheep sorrel, *Rumex acetosella*
- **Curly dock, *Rumex crispus*
- **Bitter dock, *Rumex obtusifolius*

Portulacaceae

- Spring beauty, *Claytonia virginica*
- **Purslane, *Portulaca oleracea*

Cornales**Cornaceae**

- Pagodatree, *Cornus alternifolia* (alternate-leaf dogwood)
- Flowering dogwood, *Cornus florida*
- Roughleaf dogwood, *Cornus drummondii*
- Silky dogwood, *Cornus amomus*
- Gray dogwood, *Cornus racemosa*

Nyssaceae

- Black gum, *Nyssa sylvatica*

Hydrangeaceae

- Wild hydrangea, *Hydrangea arborescens*
- Hydrangea* sp. (horticultural)
- Mock-orange, *Philadelphus* sp.

Ericales**Primulaceae**

- Fringed loosestrife, *Lysimachia ciliata*
- **Moneywort, *Lysimachia nummularia*
- Whorled loosestrife, *Lysimachia quadrifolia*
- Water pimpernel, *Samolus parviflorus* (*S. floribundus*)

Balsaminaceae

Pale jewelweed, *Impatiens capensis* (yellow jewelweed, touch-me-not)
 Spotted jewelweed, *Impatiens pallida* (orange jewelweed, touch-me-not)

Polemoniaceae

Blue phlox, *Phlox divaricata*
 Summer phlox, *Phlox paniculata*
 Jacob's ladder, *Polemonium reptans* (Greek valerian)

Ericaceae

Spotted pipsissewa, *Chimaphila maculata*
 Huckleberry, *Gaylussacia baccata*
 Mountain laurel, *Kalmia latifolia*
 Indian pipe, *Monotropa uniflora*
 Sourwood, *Oxydendrum arboreum* (sorrel tree)
 Wintergreen, *Pyrola* sp.
 Lowbush blueberry, *Vaccinium pallidum*
 Lowbush blueberry, *Vaccinium vacillans*
 Deerberry, *Vaccinium stamineum*

Ebenaceae

Persimmon, *Diospyros virginiana*

Aquifoliales**Aquifoliaceae**

*American holly, *Ilex opaca*

Asterales**Asteraceae**

Yarrow, *Achillea millefolium*
 White snakeroot, *Ageratina altissima*
 Ragweed, *Ambrosia artemisiifolia*
 Horseweed, *Ambrosia trifida* (great ragweed)
 Pussytoes, *Antennaria plantaginifolia*
 One-flowered pussytoes, *Antennaria solitaria*
 ***Burdock, *Arctium lappa*
 Pale Indian-plantain, *Arnoglossum atriplicifolium*
 Tickseed sunflower, *Bidens cernua*
 Purple-stem beggar-ticks, *Bidens connata*
 Spanish needles, *Bidens bipinnata*
 **Beggar-ticks, *Bidens tripartita*
 Tall beggar-ticks, *Bidens vulgata*
 **Short-fringed knapweed, *Centaurea dubia*
 **Oxeye daisy, *Chrysanthemum leucanthemum*
 **Chicory, *Cichorium intybus*
 Tall thistle, *Cirsium altissimum*
 **Canada thistle, *Cirsium arvense*
 Field thistle, *Cirsium discolor*
 Horseweed, *Conyza canadensis*
 **Large-flowered coreopsis, *Coreopsis grandiflora*
 **Yerbo de tajo, *Eclipta prostrata*
 Elephantopus carolinianus
 Fireweed, *Erechtites hieracifolia*
 Daisy fleabane, *Erigeron annuus*
 Philadelphian fleabane, *Erigeron philadelphicus*

Asteraceae, continued

Rough fleabane, *Erigeron strigosus*
Tall throughwort, *Eupatorium altissimum*
Mistflower, *Eupatorium coelestinum*
Boneset, *Eupatorium perfoliatum*
Late-flowering throughwort, *Eupatorium serotinum*
White wood aster, *Eurybia divaricata*
Flat-topped goldenrod, *Euthamia graminifolia*
Hollow-stem Joe-Pye-weed, *Eutrochium fistulosum* (*Eupatorium fistulosum*)
Spotted Joe-Pye-weed, *Eutrochium maculatum* (*Eupatorium maculatum*)
Purple Joe-Pye-weed, *Eutrochium purpureum* (*Eupatorium purpureum*)
**Common quickweed, *Galinsoga quadriradiata*
Fragrant cudweed, *Gnaphalium obtusifolium*
Purple cudweed, *Gnaphalium purpureum*
Southern sneezeweed, *Helenium flexuosum*
Forest sunflower, *Helianthus decapetalus*
Woodland sunflower, *Helianthus divaricatus*
Hairy sunflower, *Helianthus hirsutus*
Small-headed sunflower, *Helianthus microcephalus*
Jerusalem artichoke, *Helianthus tuberosus*
Smooth oxeye, *Heliopsis helianthoides*
**Yellow king-devil, *Hieracium caespitosum*
Rough hawkweed, *Hieracium scabrum*
Veined hawkweed, *Hieracium venosum*
Orange dwarf dandelion, *Krigia biflora*
Wild lettuce, *Lactuca canadensis*
Tall blue lettuce, *Lactuca floridana*
**Willow-leaved lettuce, *Lactuca saligna*
*Pineapple weed, *Matricaria discoidea*
Tall rattlesnake-root, *Prenanthes altissima*
Gray-headed coneflower, *Ratibida pinnata*
Blackeye Susan, *Rudbeckia hirta*
Cutleaf coneflower, *Rudbeckia laciniata*
Three-lobed coneflower, *Rudbeckia triloba*
Golden ragwort, *Senecio aureus*
Running groundsel, *Senecio obovatus*
Toothed white-top aster, *Sericocarpus asteroides* (*Aster paternus*)
Cup plant, *Silphium perfoliatum*
Whorled rosinweed, *Silphium trifoliatum*
Silver-rod goldenrod, *Solidago bicolor*
Blue-stemmed goldenrod, *Solidago caesia*
Canada goldenrod, *Solidago canadensis*
Slender goldenrod, *Solidago erecta*
Zigzag goldenrod, *Solidago flexicaulis*
Smooth goldenrod, *Solidago gigantea*
Early goldenrod, *Solidago juncea*
Gray goldenrod, *Solidago nemoralis*
Ohio goldenrod, *Solidago ohioensis*
Showy goldenrod, *Solidago speciosa*
Elm-leaved goldenrod, *Solidago ulmifolia*

Asteraceae, continued

- **Prickly sow thistle, *Sonchus asper*
 Blue wood aster, *Symphyotrichum cordifolium* (*Aster cordifolius*)
 White heath aster, *Symphyotrichum ericoides* (*Aster ericoides*)
 Eastern lined aster, *Symphyotrichum lanceolatum* (*Aster lanceolatus*)
 Goblet aster, *Symphyotrichum lateriflorum* (*Aster lateriflorus*)
 New England aster, *Symphyotrichum novae-angliae* (*Aster novae-angliae*)
 Awl aster, *Symphyotrichum pilosum* (*Aster pilosus*)
 Zigzag aster, *Symphyotrichum prenanthoides* (*Aster prenanthoides*)
 Bristly aster, *Symphyotrichum puniceum* (*Aster puniceus*)
 Small-headed aster, *Symphyotrichum racemosum* (*Aster racemosus*)
 Shorts aster, *Symphyotrichum shortii* (*Aster shortii*)
 Claspig heart-leaved aster, *Symphyotrichum undulatum* (*Aster undulatus*)
 **Dandelion, *Taraxacum officinale*
 **Field goat's beard, *Tragopogon dubius*
 **Colt's-foot, *Tussilago farfara*
 Wingstem, *Verbesina alternifolia*
 Tall ironweed, *Vernonia gigantea*
 Cocklebur, *Xanthium strumarium*

Campanulaceae

- Tall bellflower, *Campanula americana*
 Indian tobacco, *Lobelia inflata*
 Great blue lobelia, *Lobelia siphilitica*
 Spiked lobelia, *Lobelia spicata*

Apiales**Apiaceae**

- Spreading chervil, *Chaerophyllum procumbens*
 Honewort, *Cryptotaenia canadensis*
 **Queen Anne's lace, *Daucus carota*
 Harbinger of spring, *Eriogonum bulbosum*
 Bland sweet cicely, *Osmorhiza claytonii*
 Sweet cicely, *Osmorhiza longistylis*
 Canada black snakeroot, *Sanicula canadensis*
 Clustered black snakeroot, *Sanicula gregaria*
 Beaked black snakeroot, *Sanicula trifoliata*
 Yellow pimpinell, *Taenidia integerrima*
 Bearded meadow parsnip, *Thaspium barbinode*
 Smooth parsnip, *Thaspium trifoliatum*
 **Japanese hedge parsley, *Torilis japonica*

Araliaceae

- Ginseng, *Panax quinquefolius*

Dipsacales**Caprifoliaceae**

- **Teasel, *Dipsacus fullonum*
 **Japanese honeysuckle, *Lonicera japonica*
 **Amur honeysuckle, *Lonicera maackii*
 **Morrow's honeysuckle, *Lonicera morrowii*
 Elderberry, *Sambucus canadensis*
 Coralberry, *Symphoricarpos orbiculatus*
 Lesser horse gentian, *Triosteum angustifolium*

Caprifoliaceae, continued

Great-Lakes corn salad, *Valerianella chenopodifolia*
Corn salad, *Valerianella umblicata*
Maple-leaf viburnum, *Viburnum acerifolium*
Arrowwood, *Viburnum dentatum*
Blackhaw, *Viburnum prunifolium*

Boraginales**Boraginaceae**

Wild comfrey, *Cynoglossum virginianum*
Stickseed, *Hackelia virginiana* (beggar's lice)
Biennial waterleaf, *Hydrophyllum appendiculatum*
Canada waterleaf, *Hydrophyllum canadense*
Largeleaf waterleaf, *Hydrophyllum macrophyllum*
Hoary puccoon, *Lithospermum canescens*
American gromwell, *Lithospermum latifolium* (stoneseed)
Bluebells, *Mertensia virginica*
Field scorpion-grass, *Myosotis arvensis*
Big-seed forget-me-not, *Myosotis macrosperma*
Water forget-me-not, *Myosotis scorpioides*
Purple phacelia, *Phacelia purshii*

Gentianales**Gentianaceae**

Pennywort, *Obolaria virginica*
Rose gentian, *Sabatia angularis*
American columbo, *Frasera caroliniensis* (*Swertia caroliniensis*)

Apocynaceae

Dogbane, *Apocynum cannabinum*
**Honeyvine, *Ampelamus albidus*
Swamp milkweed, *Asclepias incarnata*
Four-leaf milkweed, *Asclepias quadrifolia*
Common milkweed, *Asclepias syriaca*
Butterflyweed, *Asclepias tuberosa*
**Swallow-wort, *Cynanchum laeve*
**Periwinkle vine, *Vinca minor*

Rubiaceae

Buttonbush, *Cephalanthus occidentalis*
Cleaver, *Galium aparine*
Wild licorice, *Galium circaezans*
Shining bedstraw, *Galium concinnum*
Lance-leaved bedstraw, *Galium lanceolatum*
Southern three-lobed bedstraw, *Galium tinctorium*
Sweet bedstraw, *Galium triflorum*
Bluets, *Houstonia caerulea*
Quaker ladies, *Houstonia longifolia*
Partridgeberry, *Mitchella repens*

Lamiales**Lamiaceae**

Yellow giant-hyssop, *Agastache nepetoides*
Downy wood mint, *Blephilia ciliata*
Hairy wood mint, *Blephilia hirsuta*
Wild basil, *Clinopodium vulgare*
Stoneroot, *Collinsonia canadensis*
Dittany, *Cunila origanoides*
**Ground ivy, *Glechoma hederacea*
American pennyroyal, *Hedeoma pulegioides*
Purple dead nettle, *Lamium purpureum*
**Motherwort, *Leonurus cardiaca*
Cut-leaved water horehound, *Lycopus americanus*
Virginia water horehound, *Lycopus virginicus*
**Peppermint, *Mentha Xpiperita*
Bergamot, *Monarda fistulosa*
Obedient plant, *Physostegia virginiana*
Self-heal, *Prunella vulgaris*
Mountain mint, *Pycnanthemum pycnanthemoides*
Narrow-leaved mountain mint, *Pycnanthemum tenuifolium*
Downy skullcap, *Scutellaria incana*
Mad-dog skullcap, *Scutellaria lateriflora*
Veiny skullcap, *Scutellaria nervosa*
Heart-leaved skullcap, *Scutellaria ovata*
Allegheny skullcap, *Scutellaria serrata*
Heart-leaved hedge-nettle, *Stachys nuttalli*
Germander, *Teucrium canadense*

Acanthaceae

Ruellia, *Ruellia strepens*

Bignoniaceae

Trumpet creeper, *Campsis radicans*

Oleaceae

**Forsythia, *Forsythia viridissima*
White ash, *Fraxinus americana*
Green ash, *Fraxinus pennsylvanica*
Blue ash, *Fraxinus quadrangulata*
***Privet, *Ligustrum vulgare*

Orobanchaceae

Appalachian false foxglove, *Aureolaria laevigata*
Downy false foxglove, *Aureolaria virginica*
Squawroot, *Conopholis americana*
Beechdrops, *Epifagus virginiana*
Cancer root, *Orobanche uniflora*

Phrymaceae

Winged monkey flower, *Mimulus alatus*
Allegheny monkey flower, *Mimulus ringens*
Lopseed, *Phryma leptostachya*

Plantaginaceae

- Turtlehead, *Chelone glabra*
- Blue-eyed Mary, *Collinsia verna*
- False pimpernell, *Lindernia dubia*
- White beard-tongue, *Penstemon digitalis*
- **Narrowleaf plantain, *Plantago lanceolata*
- Broadleaf plantain, *Plantago rugelii*
- **Corn salad, *Veronica arvensis*
- **Common speedwell, *Veronica officinalis*
- **Field speedwell, *Veronica polita*
- Thyme-leaved speedwell, *Veronica serpyllifolia*
- Culver's root, *Veronicastrum virginicum*

Scrophulariaceae

- **Moth mullein, *Verbascum blattaria*
- **Woolly mullein, *Verbascum thapsus*

Verbenaceae

- White vervain, *Verbena urticifolia*

Solanales

Solanaceae

- Clammy ground cherry, *Physalis heterophylla*
- Long-leaved ground cherry, *Physalis longifolia*
- Horse-nettle, *Solanum carolinense*
- Black nightshade, *Solanum nigrum*

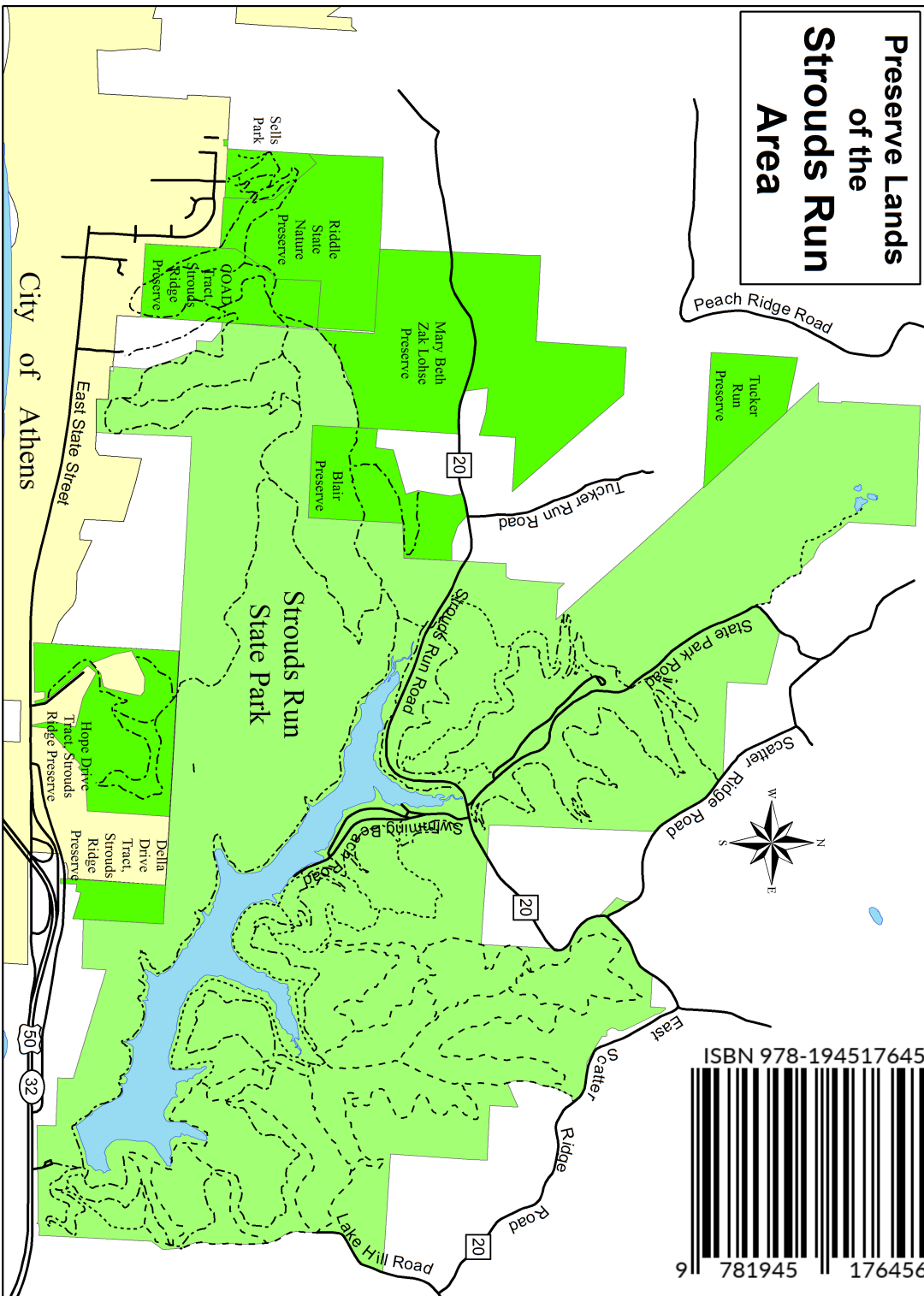
Convolvulaceae

- Hedge bindweed, *Calystegia sepium*
- Dodder, *Cuscuta gronovii*
- Wild potato, *Ipomea pandurata*

NOTES

NOTES

Preserve Lands of the Strouds Run Area



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