**PLANTS IN THE GILLS CREEK WATERSHED!**

**Our plant inventory shows the diversity of plants and habitat in the watershed.**

This list began with a floral inventory of the Gills Creek watershed from field observations, herbarium research, and expert reports. We invite residents of the watershed to get involved and relay your observations to us for inclusion in our list.

Resources for help with identification are listed at the end of this document.

The list includes naturally occurring plants and plants that have escaped cultivation.

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| * Family (common family name)
	+ Genus species (common name(s)) *(location) [observer/source] {habitat}*
* Acanthaceae (acanthus)
	+ Clethra tomentosa (downy sweet-pepperbush, downy white-alder) *(HSC) {C, E}*
	+ Clethra alnifolia (coastal sweet-pepperbush, coastal white-alder) *(SSP) [JNPC]*
* Adoxaceae (elderberry, moschatel)
	+ Sambucus canadensis (common elderberry, American elder) *(SBW)*
	+ Viburnum spp. (blackhaw, arrowood)
* Altingiaceae (sweet gum)
	+ Liquidambar styraciflua (sweet gum)
* Amaranthaceae (pigweed)
	+ Alternanthera philoxeroides (alligator-weed) *(HSC) {E}* **INV**
* Amaryllidaceae (amaryllis)
	+ Allium spp. (wild onion, wild garlic, wild leek)
	+ Ipheion uniflorum (spring starflower, star-of-bethlehem) *(SRH, OFP)* **INT**
	+ Lycoris radiata (magic lily, spider lily) *(SRH) {B}* **INT**
* Anacardiaceae (cashew, sumac)
	+ Rhus copallinum (winged sumac, shining sumac, dwarf sumac) *(SSP)*
	+ Toxicodendron pubescens (poison oak) *(SSP)*
	+ Toxicodendron radicans (poison ivy) *(OFP)*
	+ Toxicodendron toxicarium (poison oak) *(SSP) [JNPC]*
* Annonaceae (custard apple)
	+ Asimina triloba (common pawpaw, indian-banana) *(SBH)*
* Apiaceae (celery, carrot or parsley)
	+ Anthriscus caucalis (bur chervil, bur-parsley) *(SBH)*
	+ Chaerophyllum procumbens (spreading chervil, wild chervil) *(CF)*
	+ Chaerophyllum tainturieri (southern chervil, wild chervil, hairyfruit chervil) *(SBH)*
	+ Daucus carota (Queen Anne's Lace, Wild Carrot, Bird's Nest) *(HSC)* **INT**
	+ Sanicula spp. (snakeroot) *(HSC)*
* Apocynaceae (dogbane)
	+ Vinca major (bigleaf periwinkle) *(SRH, OFP) {B, G}* **INV**
* Aquifoliaceae (holly)
	+ Ilex cornuta (Chinese holly, Burford holly) *(OFP)* **INT**
	+ Ilex glabra (inkberry, bitter gallberry, little gallberry) *(SSP)*
	+ Ilex opaca (American holly, Christmas holly) *(HSC)*
	+ Ilex vomitoria (yaupon holly) *(OFP)*
	+ Ilex coriacea (sweet gallberry, big gallberry) *(SSP)*
* Araceae (arum)
	+ Arisaema triphyllum (common jack in the pulpit, indian turnip) *(HSC)*
	+ Peltandra virginica (green arrow-arum, tuckahoe) *(HSC) {E}*
* Araliaceae (aralia, ivy)
	+ Hedera helix (English ivy) *(OFP)* **INV**
* Arecaceae (palm)
	+ Sabal minor (dwarf palmetto, bush palmetto) *(FALK) {C, E}*
* Aristilochiaceae (birthwort)
	+ Hexastylis arifolia (little brown jug, arrowhead heartleaf) *(HSC)*
* Asparagaceae (asparagus)
	+ Polygonatum biflorum (Solomon's seal) *(HSC)*
	+ Yucca filamentosa (beargrass, spoonleaf yucca, curlyleaf yucca, adam's needle) *(SSP)*
	+ Liriope muscari (liriope, big blue lilyturf) *(SRH)* **INT**
	+ Asplenium platyneuron (ebony spleenwort) *(SBH)*
* Asteraceae (aster, sunflower, daisy)
	+ Ambrosia artemisiifolia (annual ragweed, common ragweed)
	+ Baccharis halimifolia (silverling, groundsel tree, consumption weed, sea myrtle) *(FALK)*
	+ Bidens bipinnata (spanish needles) *(FALK)*
	+ Conoclinium coelestinum (mistflower, wild ageratum) *(HSC)*
	+ Elephantopus tomentosus (elephant's foot) *(HSC)*
	+ Erigeron strigosus (daisy fleabane, common rough fleabane) *(SBW)*
	+ Eupatorium serotinum (late-flowering boneset, late-flowering thoroughwort) *(HSC)*
	+ Gaillardia pulchella (beach blanket flower, gaillardia, firewheel, indian blanket) *(SRH)*
	+ Gnaphalium purpureum (spoonleaf purple everlasting, purple cudweed) *(SBH)*
	+ Helenium amarum (bitterweed) *{B, D, G}*
	+ Heterotheca subaxillaris (camphorweed) *(HSC)*
	+ Krigia caespitosa (opposite-leaf dwarf-dandelion) {G}
	+ Lactuca serriola (prickly lettuce) *(SRH)*
	+ Packera glabella (butterweed, smooth ragwort, yellowtop) *(HSC) {E}*
	+ Solidago spp. (goldenrod) *(HSC) {G}*
	+ Solidago gigantea (late goldenrod) *(FALK) {C, G}*
	+ Sonchus oleraceus (annual sow-thistle, common sow-thistle) *(HSC) {B, D, G}* **INT**
	+ Symphyotrichum racemosum (small white aster) *(FALK, HSC) {C}*
	+ Taraxacum officinale (common dandelion) *(OFP)* **INT**
	+ Verbesina occidentalis (southern crownbeard) *(FALK) {G}*
	+ Youngia japonica (asiatic hawksbeard, japanese crepis) {G} **INV**
* Athyriaceae (lady ferns)
	+ Athyrium thelypteroides (Deparia acrostichoides) (silvery glade fern, silvery spleenwort) *(HSC) {F}*
* Axodaceae
	+ Sambucus canadensis (common elderberry, american elder) *(SBW)*
* Berberidaceae (barberry)
	+ Nandina domestica (nandina, heavenly bamboo) **INV**
* Betulaceae (birch)
	+ Alnus serrulata (tag alder, hazel alder, smooth alder) *(SSP)*
	+ Betula nigra (river birch, red birch) *{C, H}*
* Bignoniaceae (trumpet creeper, catalpa)
	+ Bignonia capreolata (crossvine) *(OFP)*
	+ Campsis radicans (trumpet-creeper, trumpet vine, cow-itch vine) *(SBW)*
* Blechnaceae (chain ferns)
	+ Woodwardia areolata (Lorinseria areolata) (netted chain fern, net-veined chain fern) {C, E}
	+ Woodwardia virginica (virginia chain fern) *(SSP) [JNPC]*
* Boriginaceae (forget-me-not, borage)
	+ Myosotis verna (spring forget-me-not, early scorpion-grass) *(SBH)*
* Brassicaceae (mustards, cabbage)
	+ Brassica rapa (turnip, field mustard) (FALK)
	+ Cardamine pensylvanica (Pennsylvania bittercress) *(SBH)*
	+ Lepidium virginicum (poor man’s pepper, peppergrass) *(FALK)*
* Bromeliaceae (bromeliads)
	+ Tillandsia usneoides (Spanish moss) (common epiphyte)
* Cabombaceae (water shields)
	+ Brasenia schreberi (water-shield, purple wen-dock) *(SSP) [JNPC] {E}*
* Cactaceae (cactus)
	+ Opuntia humifusa (eastern prickly-pear) *(SSP)*
* Callitrichaceae (water-starwort)
	+ Callitriche heterophylla (water-star, common water-starwort) *(SBH)*
* Campanulaceae (bellflower)
	+ Triodanis perfoliata (Venus’ looking-glass) *(SBH)*
* Cannabaceae (hemp)
	+ Celtis laevigata (sugarberry, southern hackberry, lowland hackberry) *(SRH)*
* Caprifoliaceae (honeysuckle)
	+ Lonicera sempervirens (coral honeysuckle, woodbine, trumpet honeysuckle) *(OFP)*
	+ Lonicera japonica (Japanese honeysuckle) *(HSC)* **INV**
	+ Valerianella radiata (corn-salad)
* Caryaphyllaceae (pink, carnation)
	+ Arenaria caroliniana (Carolina sandwort, longroot) *(SSP) [JNPC]*
	+ Stellaria media (common chickweed) **INT**
	+ Stipulicida setacea (coastal plain wireplant) *(SSP) [JNPC]*
* Celestraceae (staff vine)
	+ Euonynmous americanus (hearts-a-bustin', strawberry-bush) *(HSC)*
* Cistaceae (rock rose)
	+ Lechea mucronata (hairy pinweed) *(HSC)*
* Colchicaceae (bellwort, saffron)
	+ Uvularia ssp (bellwort)
* Commelinaceae (dayflower, spiderwort)
	+ Commelina communis (Asiatic dayflower, common dayflower) *(SRH)* **INT**
	+ Murdannia keisak (wart-removing herb, mud-annie) *(HSC)* **INV**
	+ Tradescantia ohiensis (smooth spiderwort)
* Cornaceae (dogwood)
	+ Nyssa biflora (swamp tupelo, swamp blackgum) *(SBW) {C, E}*
	+ Nyssa sylvatica (blackgum, black tupelo) *(SSP)*
	+ Cornus florida (flowering dogwood)
* Cucurbitaceae (gourd)
	+ Melothria pendula (creeping cucumber) *(HSC)*
* Cupressaceae (cypress)
	+ Chamaecyparis thyoides (Atlantic white cedar, juniper) *(SSP)*
	+ Juniperus virginiana (eastern red cedar) *(SSP)*
* Cyperaceae (sedges)
	+ Carex vulpinoidea (fox sedge) *(CF)*
* Cyrillaceae (titi)
	+ Cyrilla racemiflora (titi, leatherwood) *(HSC)*
* Dennstaedtiaceae (bracken)
	+ Pteridium aquilinum (bracken, brake)
* Dryopteridaceae (wood ferns)
	+ Polystichum acrostichoides (Christmas fern) *(HSC)*
* Ebenaceae (ebony)
	+ Diospyros virginiana (American persimmon) *(SSP)*
* Eleagnaceae (oleaster)
	+ Elaeagnus pungens (thorny olive, autumn siverberry, silverthorn, thorny elaeagnus) *(FALK)* **INV**
* Ericaceae (heath, heather)
	+ Chimaphila maculata (pipsissewa, striped or spotted wintergreen) *(HSC)*
	+ Gaylussacia dumosa (southern dwarf huckleberry) *(SSP)*
	+ Kalmia latifolia (mountain laurel, ivy, calico-bush)
	+ Leucothoe axillaris (coastal doghobble) *(SSP) [JNPC]*
	+ Lyonia lucida (shining fetterbush) *(OFP)*
	+ Lyonia mariana (staggerbush) *(SSP) [JNPC]*
	+ Monotropa uniflora (indian pipes, ghost flower) *(SSP)*
	+ Oxydendrum arboreum (sourwood, sorrel-tree) *(HSC)*
	+ Rhododendron canescens (piedmont azalea, southern pinxterbloom azalea)
	+ Vaccinium arboreum (sparkleberry, farkleberry) *(SSP)*
	+ Vaccinium corymbosum (smooth highbush blueberry) *(SBW)*
	+ Vaccinium stamineum (common deerberry) *(SSP)*
* Euphorbiaceae (spurge)
	+ Triadica sebifera (popcorn tree, chinese tallow-tree) *(SSP)* **INV**
* Fabaceae (legume, pea, bean)
	+ Albizia julibrissin (mimosa, silktree) *(OFP)* **INT**
	+ Centrosema virginianum (climbing butterfly-pea) *(HSC)*
	+ Lespedeza spp. (lespedeza, bush clover) *(HSC)*
	+ Melilotus albus (white sweetclover) (CF) **INV**
	+ Sesbania punicea (rattlebush) **INV**
	+ Trifolium campestre (hop clover) **INT**
	+ Trifolium dubium (least hop clover) **INT**
	+ Trifolium incarnatum (crimson clover) *(OFP)* **INT**
	+ Trifolium repens (white clover, dutch clover) *(SRH)* **INT**
	+ Vicia angustifolia (Vicia sativa ssp. nigra) (narrowleaf vetch) {G} **INT**
	+ Vicia villosa (Vicia villosa ssp. villosa) (hairy vetch) {G}
	+ Wisteria frutescens (American wisteria, swamp wisteria) *(HSC)*
	+ Wisteria sinensis (Chinese wisteria) **INV**
	+ Cercis canadensis (eastern redbud, Judas tree)
* Fagaceae (oak, beech)
	+ Quercus alba (white oak)
	+ Quercus falcata (southern red oak) *(SRH)*
	+ Quercus incana (bluejack oak) *(SSP)*
	+ Quercus laevis (turkey oak) *(SSP)*
	+ Quercus margaretta (sand post oak, scrub post oak) *(SSP)*
	+ Quercus marilandica (blackjack oak) *(SSP)*
	+ Quercus nigra (water oak) *(OFP)*
	+ Quercus phellos (willow oak) *(OFP)*
	+ Quercus stellata (post oak) *(SSP)*
	+ Quercus velutina (black oak) *(OFP)*
* Gelsemiaceae (jessamine)
	+ Gelsemium sempervirens (Carolina jessamine, yellow jessamine, state flower of SC) *(SBW)*
* Geraniaceae (geraniums)
	+ Geranium carolinianum (Carolina cranesbill) *(OFP)*
* Haloragaceae (water-milfoil)
	+ Myriophyllum aquaticum (parrot-feather) (Hickory St., identified by Rudy Mancke) **INV**
* Hydrangeaceae (hydrangea)
	+ Decumaria barbara (climbing hydrangea, woodvamp) *(HSC)*
* Hypericacea (Clusiaceae) (St Johns Wort )
	+ Hypericum mutilum (common dwarf St. Johnswort) (FALK, HSC) {E}
	+ Hypericum hypericoides (St. Andrew's cross) *(HSC)*
	+ Triadenum walteri (Hypericum walteri ) (Walter’s Marsh St. Johnswort) *(FALK)*
* Iridaceae (iris)
	+ Iris verna (coastal plain dwarf iris, sandhill iris) *(SSP)*
	+ Sisyrinchium spp. (blue-eyed grass, irisette) *(SBW)*
* Iteaceae (sweetspire)
	+ Itea virginica (Virginia sweetspire, Virginia-willow) *(HSC)*
* Juglandaceae (walnut)
	+ Carya glabra (pignut hickory) *(SSP) [JNPC]*
	+ Carya pallida (sand hickory, pale hickory) *(SSP)*
	+ Carya tomentosa (mockernut hickory, white hickory) *(HSC)*
	+ Carya cordiformis (bitternut hickory) *(SSP) [JNPC]*
* Juncaceae (rush)
	+ Juncus effusus (soft rush, common rush) (Humane Lane)
	+ Luzula spp. (woodrush) *(SBW)*
* Lamiaceae (mint, deadnettle)
	+ Callicarpa americana (American beautyberry, French mulberry) *(HSC)*
	+ Lamium purpureum (purple or red deadnettle) *(SBH)* **INT**
	+ Prunella vulgaris (American heal-all) *(SRH)*
	+ Salvia lyrata (lyreleaf sage) *(OFP)*
	+ Scutellaria elliptica (hairy skullcap) (HSC)
	+ Stachys floridana (Florida betony, rattlesnake-weed, Florida hedgenettle) (floodplain off S. Beltline, Hickory St.) **NINV**
* Lauraceae (laurel)
	+ Persea palustris (swamp bay) *(SBW, FALK) {C, E}*
	+ Sassafras albidum (sassafras) *(SSP)*
* Lygodiaceae (climbing ferns)
	+ Lygodium japonicum (Japanese climbing fern) *(HSC)* **INV**
* Lythraceae (loosestrife)
	+ Decodon verticillatus (water-oleander, water-willow, swamp loosestrife) *(HSC) {E}*
* Magnoliaceae (magnolia)
	+ Liriodendron tulipifera (tulip-tree, yellow poplar, whitewood) *(FALK)*
	+ Magnolia grandiflora (southern magnolia, bull bay) *(OFP)*
	+ Magnolia virginiana (sweetbay magnolia) *(HSC)*
* Meliaceae (mahogany)
	+ Melia azedarach (chinaberry) *(SBH)* **INV**
* Moraceae (mulberry, fig)
	+ Morus rubra (red mulberry) *(FALK)*
	+ Morus alba (white mulberry, silkworm mulberry) (Hickory St., identified by Rudy Mancke) **INT**
* Myricaceae (wax myrtle)
	+ Myrica cerifera (common wax myrtle, southern bayberry) *(HSC)*
* Nymphaeaceae (water lily)
	+ Nymphaea odorata (American or fragrant white water-lily) *(SSP) [JNPC] {E}*
	+ Nuphar advena (broadleaf or yellow pondlily, spatterdock) *(HSC) {E}*
* Oleaceae (olive)
	+ Fraxinus caroliniana (Carolina ash, water ash, pop ash) *(HSC)*
	+ Fraxinus pennsylvanica (green ash, red ash) (CF)
	+ Ligustrum japonicum (Japanese privet) *(FALK)* **INV**
	+ Ligustrum sinense (Chinese privet) *(SBH)* **INV**
* Onocleaceae (sensitive fern)
	+ Onoclea sensibilis (sensitive fern, bead fern) *(SSP) [JNPC]*
* Onograceae (evening primrose, willowherb)
	+ Ludwigia decurrens (wingstem water-primrose) *(FALK)*
* Orchidaceae (orchid)
	+ Tipularia discolor (cranefly orchid) *(SSP) [JNPC]*
* Osmundaceae (royal fern)
	+ Osmunda regalis (American royal fern) *(FALK) {C}*
	+ Osmunda cinnamomea (cinnamon fern) *(CF) {C, E, H}*
* Oxalidaceae (wood sorrel)
	+ Oxalis rubra (windowbox wood-sorrel) {B, G} **INT**
	+ Oxalis stricta (common yellow wood-sorrel) {B, G}
	+ Oxalis violacea (violet wood-sorrel) {B, G}
* Papaveraceae (poppy)
	+ Corydalis flavula (yellow fumitory, yellow harlequin) *(FALK, CF) {C, H}*
* Passifloraceae (passionflower)
	+ Passiflora incarnata (passionflower, maypop) *{G}*
	+ Passiflora lutea (yellow passionflower) *(SRH) [LRK] {F}*
* Phyllanthaceae (leaf flower)
	+ Phyllanthus spp. (leafflower ) *(SRH)* **INT**
* Phytolaccaceae (pokeweed)
	+ Phytolacca americana (common pokeweed, poke) *(SRH)*
* Pinaceae (pine)
	+ Pinus palustris (longleaf pine, georgia pine, southern pine) *(SSP)*
	+ Pinus serotina (pond pine, marsh pine) *(SSP) [USCH]*
	+ Pinus taeda (loblolly pine, old field pine) *(OFP)*
	+ Pinus echinata (shortleaf pine, yellow pine) *(SSP) [JNPC]*
* Plantaginaceae (plaintain)
	+ Nuttallanthus canadensis (oldfield or common toadflax) {G}
	+ Plantago spp. (plaintain) *(ABR)*
	+ Veronica arvensis (corn of wall speedwell) (USCH) **INT**
	+ Veronica hederaefolia (ivyleaf speedwell) (USCH) **INT**
* Platanaceae (planetree)
	+ Platanus occidentalis (sycamore, planetree) *(SSP)*
* Poaceae (grass)
	+ Agrostis perrenans (autumn bentgrass, upland bent) *(HSC)*
	+ Aristida oligantha (prairie or oldfield threeawn) *(SSP) [JNPC]*
	+ Arundinaria gigantea (river cane, giant cane) *(FALK)*
	+ Bambusa spp. (bamboo) (neighborhood weed) **INV**
	+ Dichanthelium spp. (witchgrass) (HSC, CF)
	+ Elymus riparius (riverbank wild rye) (CF)
	+ Hordeum pusillum (little barley) *(OFP)*
	+ Leersia lenticularis (catchfly cutgrass) (HSC)
	+ Lolium multiflorum (annual rye-grass) (CF) **INT**
	+ Microstegium vimineum (Japanese grass, Japanese stiltgrass) *(HSC)* **INV**
	+ Panicum virgatum (switchgrass) (SBH)
	+ Poa chapmaniana (Chapman's bluegrass) (SBH)
	+ Sorghum halepense (johnsongrass) (common grass) **INV**
	+ Chasmanthium laxum (slender woodoats, slender spikegrass) (HSC)
* Polygonaceae (buckwheat, knotweed)
	+ Eriogonum tomentosum (sandhill or southern wild-buckwheat, dog-tongue) *(SSP) [JNPC]*
	+ Polygonum longisetum (Persicaria longiseta) (longbristle smartweed, bristly lady’s-thumb, tufted knotweed) *(FALK)* **INV**
	+ Polygonum sagittatum (arrowleaf tearthumb, arrowvine) *(SSP) [JNPC]*
	+ Rumex ascetosella (sheep, field, or red sorrel; sourgrass) *(SBH)* **INT**
	+ Rumex crispus (curly dock) *(SBH)* **INT**
* Polypodiaceae (holly fern)
	+ Pleopeltis michauxiana (Pleopeltis polypodioides, Polypodium polypodioides) (resurrection fern, scaly polypody) *(SSP) [JNPC]*
* Pontederiaceae (water hyacinth)
	+ Pontederia cordata (heartleaf pickerelweed, wampee) *(HSC)*
* Ranunculaceae (buttercup or crowfoot)
	+ Xanthorhiza simplicissima (yellowroot) (HSC)
	+ Ranunculus abortivus (kidneyleaf or small-flowered buttercup or crowfoot) (SBH)
	+ Ranunculus muricatus (spinyfruit buttercup) *(SBH)* **INT**
* Rosaceae (rose)
	+ Aronia arbutifolia (red chokeberry) *(SSP)*
	+ Crataegus flava (yellow hawthorn) *(SSP) [JNPC]*
	+ Malus angustifolia (southern or wild crabapple) *(OFP)*
	+ Potentilla canadensis (dwarf cinquefoil, running five-fingers) *(OFP)*
	+ Prunus caroliniana (Carolina cherry laurel) **NINV**
	+ Prunus serotina (black cherry) *(SSP)*
	+ Pyrus calleryana (Bradford pear, callery pear) *(SRH)* **INV**
	+ Rubiaceae (coffee, madder, or bedstraw)
	+ Galium aparine (cleavers, bedstraw) (HSC, SBH)
	+ Galium pilosum (hairy bedstraw) (USCH)
	+ Galium tinctorium (marsh bedstraw, dye bedstraw) (USCH)
	+ Houstonia pusilla (tiny or small bluet) (OFP)
	+ Cephalanthus occidentalis (buttonbush) (HSC)
	+ Diodia teres (poor-joe, rough buttonweed) (USCH)
	+ Diodia virginiana (Virginia buttonweed) (USCH)
	+ Houstonia caerulea (Quaker ladies, common bluet,) (USCH)
	+ Houstonia purpurea (summer, purple, or woodland bluet) (USCH)
	+ Mitchella repens (partridgeberry, twinflower) *(HSC)*
	+ Oldenlandia corymbosa (old world diamond-flower) (USCH) **INT**
	+ Richardia brasiliensis (Brazilian-clover, tropical Mexican-clover) (USCH) **INT**
	+ Richardia scabra (rough Mexican-clover, Mexican-clover) (USCH) **INT**
	+ Rubus flagellaris (common dewberry) (SBH)
	+ Rubus trivialis (southern dewberry) (OFP)
	+ Sherardia arvensis (Galium sherardia) (field or blue field madder) (USCH) **INT**
* Salicaceae (willow)
	+ Populus deltoides (eastern cottonwood) (drainage ditch, OFP)
	+ Populus heterophylla (swamp cottonwood) (Hickory St., identified by Rudy Mancke)
	+ Salix nigra (black willow) (drainage ditch OFP)
* Santalaceae (sandalwoods)
	+ Nestronia umbellula (conjurer's-nut, leechbush) (HSC) [AWFI]
* Sapindaceae (soapberry)
	+ Acer negundo (eastern box elder, ash-leaved maple) (SBH)
	+ Acer rubrum (eastern red maple) *(SBH)*
* Sarraceniaceae (pitcher plants)
	+ Sarracenia rubra (sweet or redflower pitcherplant) (USCH)
	+ Saururaceae (lizard's-tail)
	+ Saururus cernuus (lizard's tail, water-dragon) *(FALK)*
* Scrophulariaceae (figwort)
	+ Agalinis purpurea (purple gerardia) (USCH)
	+ Aureolaria pedicularia (fern-leaf false-foxglove, annual oak-leach) (USCH)
	+ Aureolaria virginica (downy false-foxglove, downy oak-leach, virginia oak-leach) (USCH)
	+ Mazus pumilus (Japanese mazus) *(SBH)* **INT**
	+ Mecardonia acuminata (common axilflower) (USCH)
	+ Verbascum blattaria (moth mullein) (USCH) **INT**
	+ Verbascum virgatum (twiggy mullein, moth mullein) (USCH) **INT**
* Selaginellaceae (spikemosses or lesser clubmosses)
	+ Selaginella arenicola (sand spikemoss) *(SSP) [JNPC]*
* Simaroubaceae
	+ Ailanthus altissima (ailanthus, tree-of-heaven) *(SRH)* **INV**
* Smilacaceae (greenbrier)
	+ Smilax glauca (whiteleaf greenbrier, wild sarsaparilla, sawbrier) *(SSP) [JNPC]*
	+ Smilax laurifolia (bamboo-vine, blaspheme-vine, wild bamboo, bayvine) *(SSP) [JNPC]*
* Solanaceae (nightshade)
	+ Nicandra physalodes (apple-of-Peru) *(USCH)* **INT**
	+ Petunia atkinsiana *(USCH)*
	+ Physalis angulata (smooth or cutleaf ground-cherry) *(USCH)*
	+ Physalis pubescens (thickleaf downy ground-cherry) *(USCH)*
	+ Salpichroa origanifolia (lily of the valley vine) *(USCH)*
	+ Solanum ptychanthum (American black nightshade) *(USCH)*
	+ Solanum carolinense (horse, bull, or ball nettle) *(USCH)*
	+ Solanum rostratum (buffalo-bur, Kansas-thistle) *(USCH)*
* Styracaceae (silver bells)
	+ Styrax americanus (American storax or snowbell) *(FJ) [USCH]*
* Symplocaceae
	+ Symplocos tinctoria (horsesugar, sweetleaf) *(SSP)*
* Theaceae (tea)
	+ Gordonia lasianthus (loblolly bay) *(FALK)*
* Thelypteridaceae
	+ Thelypterus spp. (maiden ferns) *{E}*
* Typhaceae
	+ Typha latifolia (common cattail) *(HSC)*
* Ulmaceae (elm)
	+ Ulmus alata (winged elm) *(OFP)*
	+ Ulmus americana (American or white elm) *(HSC)*
	+ Ulmus parviflora (lacebark elm, Chinese elm) (USCH) **INV**
	+ Ulmus rubra (slippery or red elm) (FALK)
* Urticaceae (nettle)
	+ Boehmaria cylindrica (false nettle) *(HSC)*
	+ Pilea pumila (greenfruit clearweed, richweed, coolwort) *(SBH)*
* Verbenaceae (verbena or vervain)
	+ Glandularia pulchella (moss or South American vervain, moss verbena) *{G}* **INT**
	+ Verbena brasiliensis (Brazilian vervain) *(HSC)* **INV**
* Violaceae (violet)
	+ Viola primulifolia (primrose-leaf violet) *(SSP)*
	+ Viola sororia (common wild or blue violet)
* Viscaceae (sandalwoods)
	+ Phoradendron serotinum (mistletoe) *(SSP) [JNPC]*
* Vitaceae (grape)
	+ Parthenocissus quinquefolia (Virginia creeper) *(SRH)*
	+ Ampelopsis arborea (peppervine) *(OFP)*
	+ Vitis rotundifolia (muscadine, scuppernong) *(SSP)*
 |

**INT** – Introduced: Non-native introduced species which has lesser or no adverse effects on native ecology.

**INV** – Invasive: Non-native introduced species which has causes or is likely to cause economic or environmental harm or harm to human health.

**NINV** – Native invasive, causing problems in natural areas outside its native range.

For a list of the most troublesome invasive species of plants and animals and links for identification and removal, see our [Invasive Species in the Watershed](http://gillscreekwatershed.org/invasive_species_removal.html) page.

(location)
SSP - Sesquicentennial State Park is the site best representing the sandhills.
JLJ - Jackson/Little Jackson Creek
AL - Arcadia Lakes
FALK - Forest Acres/Lake Katharine
SRH - Shandon/Rosewood/Heathwood
OFP - Owens Field Park and Shandon lots are disturbed areas that people have cleared, so the species found in these locations are commonly occurring weeds.
HSC - Hammond South Campus and Buchanan St. (off Beltline Rd.) represent mixed sandy-silt floodplain with upland slopes and mixed pine-hardwood forests.
SBW - S. Beltline locations (Hickory and Mikell streets) and Bluff Rd. represent coastal floodplains.
FJ - Fort Jackson
SBH - South Beltline/Hamptons/Humane Lane are a mixture of the Gills Creek floodplain and upland slopes.
ABR - Arthurtown/Bluff Road
CF - Congaree Floodplain
*if no location is noted, plant is widely observed in the watershed*

[observer/source]
AWFI - [Austin Williams' Floral Inventory](http://scholarcommons.sc.edu/cgi/viewcontent.cgi?article=4362&context=etd). This project was conducted from fall 2014 through spring 2016 to satisfy the Honors Thesis requirement in biology from the University of South Carolina. The final product was a list of plants that are known to presently or historically exist in the watershed. The paper is available at [Scholar's Commons](http://scholarcommons.sc.edu/etd/3298/). Although the paper was the basis for our inventory, it is only cited when it notes unusual or rare plants.
USCH - [University of South Carolina A. C. Moore Herbarium](http://herbarium.biol.sc.edu/)
JNPC - Dr John Nelson class list from Sesquicentennial State Park
LRK - Lewis Kirk
*if no observer or source is noted, plant is widespread in the watershed*

{habitat}
A sandhills
B suburban or residential
C creekside or lakeside floodplain
D urban or commercial
E wetland or swampy area
F mixed pine and hardwood forest
G roadside, disturbed or cleared area, or farmland
H river floodplain
*if no habitat is noted, plant is widespread in the watershed*

Additional sightings are welcome and should be submitted to info@gillscreekwatershed.org

**For information on plant identification see the following web sites:**

**Name That Plant** is a site with information, seasonal pictures and even audio of the way to pronounce scientific names of native and naturalized plants of the Carolinas and Georgia. It features a search engine to help identify plants. For more information, visit [Name That Plant!](http://www.namethatplant.net/)

**University of South Carolina A. C. Moore Herbarium** Founded in 1907 by Dr. Andrew Charles Moore, the original collection of dried plant specimens is now part of an ever growing collection. Total holdings are just over 100,000 specimens, making the A. C. Moore Herbarium the largest in the state of South Carolina. The Herbarium offers plant identification services. See [A. C. Moore Herbarium](http://herbarium.biol.sc.edu/).

**Clemson University Herbarium** The Clemson Herbarium is one of the largest collections in the state and serves as a more or less permanent documentation of the flora of South Carolina.
[Clemson University Herbarium](http://www.clemson.edu/cafls/herbarium/)

**Flora Caroliniana** will allow you to search the A. C. Moore Herbarium - University of South Carolina (USCH), the Clemson University Herbarium (CLEMS) and the University of South Carolina - Salkehatchie (SALK)
[Flora Caroliniana](http://herbarium.biol.sc.edu/floracaroliniana/index.php)

The **South Carolina Native Plant Society** is a non-profit organization committed to the preservation and protection of native plant communities in South Carolina. They work to make this happen by providing programs and activities including field trips, plant rescues, native plant sales, monthly educational lectures and educational journals.
[South Carolina Native Plant Society](http://scnps.org/)

The **South Carolina Association of Naturalists** (SCAN) is an organization dedicated to the gathering and sharing of natural history information about South Carolina.
[The South Carolina Association of Naturalists](http://www.scnaturalists.org/)

**Invasive Plants in Southern Forests App** is by the University of Georgia and is based on the U.S. Forest Service publication: *A Field Guide for the Identification of Invasive Plants in Southern Forests*. More info at Bugwood Apps.

*Any mention of commercial products is for information only; it does not imply recommendation or endorsement by Gills Creek Watershed Association.*