

**Sisters of Charity Old Growth Woods**  
**Vascular Plant Survey - 2007**  
 by Daniel W. Boone, Field Botanist

<b>Family</b>	<b>Genus-Species</b>	<b>Common Name</b>	<b>Type</b>	<b>Time of Flowering</b>	<b>Native/Alien</b>	<b>Abundance</b>
Aceraceae	<i>Acer nigrum</i>	Black maple	tree	April/May	Native	common
Aceraceae	<i>Acer saccharum</i>	Sugar maple	tree	April/May	Native	common
Anacardiaceae	<i>Toxicodendron radicans</i>	Poison ivy	vine	May	Native	common
Annonaceae	<i>Asimina triloba</i>	Pawpaw tree	tree	April	Native	locally common
Apiaceae	<i>Erigenia bulbosa</i>	Harbinger of spring	wildflower	March	Native	common
Apiaceae	<i>Sanicula gregaria</i>	Cluster sanicle	wildflower	May	Native	common
Apocynaceae	<i>Vinca minor</i>	Periwinkle	wildflower	April	Alien	local
Aristolochiaceae	<i>Asarum canadense</i>	Wild ginger	wildflower	April	Native	common
Aspleniaceae	<i>Athyrium pycnocarpon</i>	Glade fern	fern	July	Native	local
Aspleniaceae	<i>Cystopteris protrusa</i>	Lowland bladder fern	fern	May	Native	common
Asteraceae	<i>Aster cordifolius</i>	Heart leafed aster	wildflower	September	Native	local
Asteraceae	<i>Aster lanceolatus</i>	Eastern lined aster	wildflower	September	Native	local
Asteraceae	<i>Aster lateriflorus</i>	Goblet aster	wildflower	September	Native	common
Asteraceae	<i>Aster shortii</i>	Shorts aster	wildflower	September	Native	common
Asteraceae	<i>Coryza canadensis</i>	Horseweed	wildflower	July - October	Native	local
Asteraceae	<i>Erechtites hieracifolia</i>	Fireweed	wildflower	July/August	Native	local
Asteraceae	<i>Erigeron annuus</i>	Annual fleabane	wildflower	June	Native	local
Asteraceae	<i>Erigeron philadelphicus</i>	Philadelphia daisy	wildflower	April/May	Native	local
Asteraceae	<i>Eupatorium rugosum</i>	White snakeroot	wildflower	July - October	Native	common
Asteraceae	<i>Lactuca floridana</i>	Woodland lettuce	wildflower	July/August	Native	local
Asteraceae	<i>Senecio glabellus</i>	Yellowtop	wildflower	April - June	Native	local
Asteraceae	<i>Solidago gigantea</i>	Smooth goldenrod	wildflower	August/September	Native	local
Asteraceae	<i>Taraxacum officinale</i>	Dandelion	wildflower	All year	Alien	local
Balsaminaceae	<i>Impatiens pallida</i>	Yellow jewelweed	wildflower	July/August	Native	common
Berberidaceae	<i>Podophyllum peltatum</i>	May-apple	wildflower	May	Native	common
Betulaceae	<i>Ostrya virginiana</i>	Hop hornbeam	tree	May	Native	common
Boraginaceae	<i>Mertensia virginica</i>	Bluebell	wildflower	March/April	Native	locally abundant
Brassicaceae	<i>Alliaria petiolata</i>	Garlic mustard	wildflower	May	Alien	invasive
Brassicaceae	<i>Arabis laevigata</i>	Smooth rockcress	wildflower	April	Native	uncommon
Brassicaceae	<i>Cardamine concatenata</i>	five parted toothwort	wildflower	April	Native	common
Brassicaceae	<i>Iodanthus pinnatifidus</i>	Purple rocket	wildflower	May	Native	uncommon
Campanulaceae	<i>Campanula americana</i>	Tall bellflower	wildflower	July	Native	common
Caprifoliaceae	<i>Lonicera maackii</i>	Amur honeysuckle	shrub	May	Alien	invasive
Caryophyllaceae	<i>Stellaria corei</i>	Tennessee chickweed	wildflower	April	Native	common
Caryophyllaceae	<i>Stellaria media</i>	Common chickweed	wildflower	April	Alien	common
Celastraceae	<i>Euonymus alatus</i>	Winged burning bush	shrub	May	Alien	local
Celastraceae	<i>Euonymus fortunei</i>	Winter creeper	woody vine	August/September	Alien	invasive
Clusiaceae	<i>Hypericum punctatum</i>	Spotted St. John's wort	wildflower	June/July	Native	local
Commelinaceae	<i>Tradescantia subaspera</i>	Zig zag spiderwort	wildflower	June/July	Native	local
Commelinaceae	<i>Commelina communis</i>	Asiatic Dayflower	wildflower	June - October	Alien	uncommon
Crassulaceae	<i>Sedum ternatum</i>	Stoncrop	wildflower	April/May	Native	local
Cyperaceae	<i>Carex albusina</i>	Sedge	sedge	May	Native	common
Cyperaceae	<i>Carex blanda</i>	Wood sedge	sedge	April	Native	locally abundant

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Cyperaceae	<i>Carex careyana</i>	Sedge	sedge	April	Native	common
Cyperaceae	<i>Carex aggregata</i>	Sedge	sedge	May	Native	local
Cyperaceae	<i>Carex jamesii</i>	James' sedge	sedge	April	Native	common
Cyperaceae	<i>Carex rosea</i>	Sedge	sedge	April	Native	local
Cyperaceae	<i>Carex sparganioides</i>	Sedge	sedge	May	Native	local
Cyperaceae	<i>Cyperus strigosus</i>	Flat sedge	sedge	July/August	Native	uncommon
Ebenaceae	<i>Diospyros virginiana</i>	Common Persimmon	tree	April - June	Native	uncommon
Fabaceae	<i>Amphicarpaea bracteata</i>	Pea vine	wildflower	August	Native	common
Fagaceae	<i>Fagus grandifolia</i>	American beech	tree	April	Native	uncommon
Fagaceae	<i>Quercus macrocarpa</i>	Bur oak	tree	April	Native	uncommon
Fagaceae	<i>Quercus muehlenbergii</i>	Yellow oak	tree	April	Native	common
Fagaceae	<i>Quercus rubra</i>	Northern red oak	tree	April	Native	common
Fagaceae	<i>Quercus shumardii</i>	Shumard oak	tree	April	Native	local
Fumariaceae	<i>Corydalis flavula</i>	Corydalis	wildflower	April	Native	common
Fumariaceae	<i>Dicentra canadensis</i>	Squirrel corn	wildflower	April	Native	common
Fumariaceae	<i>Dicentra cucullaria</i>	Dutchman's breeches	wildflower	April	Native	common
Geraniaceae	<i>Geranium maculatum</i>	Wild geranium	wildflower	April	Native	uncommon
Hippocastanaceae	<i>Aesculus flava</i>	Yellow buckeye	tree	April	Native	common
Hippocastanaceae	<i>Aesculus glabra</i>	Ohio buckeye	tree	April	Native	uncommon
Hydrangeaceae	<i>Hydrangea arborescens</i>	American hydrangea	shrub	June/July	Native	local
Hydrangeaceae	<i>Philadelphus coronarius</i>	Mock orange	shrub	May/June	Alien	local
Hydrophyllaceae	<i>Hydrophyllum appendiculatum</i>	Biennial waterleaf	wildflower	April/May	Native	common
Hydrophyllaceae	<i>Phacelia bipinnatifida</i>	Fernleaf phacelia	wildflower	April/May	Native	local - state listed species
Iridaceae	<i>Sisyrinchium angustifolium</i>	Blue-eyed grass	wildflower	May - July	Native	uncommon
Juglandaceae	<i>Carya cordiformis</i>	Bitternut hickory	tree	May	Native	common
Juglandaceae	<i>Carya ovata</i>	Shagbark hickory	tree	April/May	Native	local
Juglandaceae	<i>Juglans nigra</i>	Black walnut	tree	April/May	Native	common
Juncaceae	<i>Juncus tenuis</i>	Pathrush	rush	June	Native	along trail
Lauraceae	<i>Lindera benzoin</i>	Spicebush	shrub	March/April	Native	common
Liliaceae	<i>Allium canadense</i>	Wild garlic	wildflower	May/June	Native	uncommon
Liliaceae	<i>Allium tricoccum</i>	Ramp	wildflower	July	Native	common
Liliaceae	<i>Camassia scilloides</i>	Wild hyacinth	wildflower	April/May	Native	locally abundant
Liliaceae	<i>Erythronium americanum</i>	Yellow trout lily	wildflower	April	Native	common
Liliaceae	<i>Ornithogalum umbellatum</i>	Star of Bethlehem	wildflower	May	Alien	local
Liliaceae	<i>Polygonatum biflorum</i>	Smooth solomonseal	wildflower	April/May	Native	local
Liliaceae	<i>Smilacina racemosa</i>	False solomonseal	wildflower	April/May	Native	local
Liliaceae	<i>Trillium flexipes</i>	Bent trillium	wildflower	April	Native	uncommon
Liliaceae	<i>Trillium sessile</i>	Toadshade	wildflower	April	Native	common
Limnanthaceae	<i>Floerkea proserpinacoides</i>	False mermaid	wildflower	April	Native	abundant
Magnoliaceae	<i>Liriodendron tulipifera</i>	Tulip tree	tree	May	Native	uncommon
Menispermaceae	<i>Menispermum canadense</i>	Moonseed	vine	May/June	Native	local
Oleaceae	<i>Fraxinus americana</i>	White ash	tree	April	Native	common
Oleaceae	<i>Fraxinus quadranguata</i>	Blue ash	tree	April	Native	common
Oleaceae	<i>Ligustrum vulgare</i>	Privet	shrub	June	Alien	local
Papaveraceae	<i>Sanguinaria canadensis</i>	Bloodroot	wildflower	March/April	Native	local
Papaveraceae	<i>Stylophorum diphyllum</i>	Celandine poppy	wildflower	April	Native	common
Phytolaccaceae	<i>Phytolacca americana</i>	Pokeweed	wildflower	June/July	Native	local
Platanaceae	<i>Platanus occidentalis</i>	Sycamore	tree	April	Native	uncommon
Poaceae	<i>Elymus hystrix</i>	Bottle brush grass	grass	June/July	Native	common

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Poaceae	<i>Elymus macgregorii</i>	Early wild rye	grass	June	Native	locally common
Poaceae	<i>Elymus villosus</i>	Downy wild rye	grass	June	Native	common
Poaceae	<i>Festuca subverticillata</i>	Nodding vescuue	grass	May	Native	common
Poaceae	<i>Leersia virginica</i>	White grass	grass	July	Native	local
Polemoniaceae	<i>Phlox divaricata</i>	Blue phlox	wildflower	April	Native	common
Polygonaceae	<i>Polygonum cespitosum</i>	Fringed smartweed	wildflower	June - October	Alien	local
Polygonaceae	<i>Polygonum punctatum</i>	Dotted smartweed	wildflower	July/August	Native	local
Polygonaceae	<i>Polygonum virginianum</i>	Jumpseed	wildflower	July	Native	common
Polygonaceae	<i>Rumex obtusifolius</i>	Bitter dock	wildflower	June - September	Alien	uncommon
Portulacaceae	<i>Claytonia virginica</i>	Spring beauty	wildflower	March/April	Native	common
Ranunculaceae	<i>Delphinium tricorne</i>	Dwarf larkspur	wildflower	April	Native	common
Ranunculaceae	<i>Ranunculus micranthus</i>	Small flowered crowfoot	wildflower	April	Native	common
Ranunculaceae	<i>Thalictrum dioicum</i>	Early meadow rue	wildflower	April	Native	uncommon
Rosaceae	<i>Geum canadense</i>	White avens	wildflower	June/July	Native	local
Rosaceae	<i>Geum vernum</i>	Spring avens	wildflower	April	Native	local
Rosaceae	<i>Prunus serotina</i>	Black cherry	tree	April/May	Native	common
Rosaceae	<i>Rubus alleghenensis</i>	Blackberry	shrub	May	Native	local
Rubiaceae	<i>Galium aparine</i>	Cleavers (bedstraw)	wildflower	April	Native	common
Scrophulariaceae	<i>Collinsia verna</i>	Blue-eyed mary	wildflower	April	Native	locally abundant
Scrophulariaceae	<i>Scrophularia marilandica</i>	Figwort	wildflower	July/August	Native	local
Solanaceae	<i>Solanum nigrum</i>	Black nightshade	wildflower	July - October	Native	local
Solanaceae	<i>Solanum carolinense</i>	Horse-nettle	wildflower	May - September	Native	uncommon
Staphyleaceae	<i>Staphylea trifolia</i>	Bladdernut	shrub	April	Native	local
Tiliaceae	<i>Tilia americana</i>	Basswood	tree	June	Native	common
Ulmaceae	<i>Celtis occidentalis</i>	Northern hackberry	tree	April	Native	common
Ulmaceae	<i>Ulmus americana</i>	American elm	tree	March	Native	local
Ulmaceae	<i>Ulmus rubra</i>	Slippery elm	tree	March/April	Native	local
Urticaceae	<i>Laportea Canadensis</i>	Wood nettle	wildflower	July	Native	common
Urticaceae	<i>Pilea pumila</i>	Clearweed	wildflower	August	Native	common
Verbenaceae	<i>Verbena urticifolia</i>	White vervain	wildflower	July	Native	local
Violaceae	<i>Viola pubescens</i>	Yellow violet	wildflower	April	Native	common
Violaceae	<i>Viola sororia</i>	Blue violet	wildflower	April	Native	common
Vitaceae	<i>Parthenocisus quinquefolia</i>	Virginia creeper	woody vine	July	Native	common
Vitaceae	<i>Vitis vulpina</i>	Frost grape	woody vine	June	Native	common

### **Description of the Woods:**

The SC Old Growth Woods is a good example of a mixed mesophytic woods. Many trees are over the 24 inch DBH and approaching 100 feet tall. This woods has a lush herb layer though this year. Because of the eastern forest tent caterpillar, the ground layer was somewhat disturbed. There was also a hard freeze in early April that effected the composition this year. So many weedy species that aren't usually present were present due to the opening of the canopy. Unfortunately one of the plants was the invasive garlic mustard.

One hundred twenty-one species in 55 families were found in this survey. One state listed rare species was found (see report). The value of this report is for future management of these beautiful woods for future generations and to help control potentially invasive species.

Sincerely,  
Daniel W. Boone  
Field Botanist