

Plant Species Commonly Found on Mafic/Ultramafic Rock in the Southeastern Piedmont

Taxonomy & Nomenclature follow: Weakley, A.S. 2005. Flora of the Carolinas, Virginia, and Georgia, Working Draft of June 10, 2005				
Scientific Name	Common Name	Piedmont Occurrence	Primary Province	Rock/Soil Substrate
			P=piedmont; M=mountain; C=coastal plain	C=calcic N=neutral M=mafic G=granite *=strong indicator
<i>Asplenium rhizophyllum</i>	Walking Fern	GA, NC, VA	M	C
<i>Asplenium trichomanes</i> ssp. <i>trichomanes</i>	Maidenhair Spleenwort	GA, NC, SC, VA	M	C
<i>Diplazium pycnocarpon</i>	Glade Fern	NC, VA	M	C
<i>Dryopteris goldiana</i>	Goldie's Wood-fern	VA	M	C
<i>Pellaea atropurpurea</i>	Purple Cliff-brake	GA, NC, SC, VA	all	C
<i>Juniperus virginiana</i> var. <i>virginiana</i>	Eastern Red Cedar	GA, NC, SC, VA	all	N
<i>Taxus canadensis</i>	Canada Yew	VA	M	C
<i>Ruellia purshiana</i>	Pursh's Wild-petunia	NC, SC, VA	P	C
<i>Rhus aromatica</i> var. <i>aromatica</i>	Fragrant Sumac	GA, NC, SC, VA	P	M
<i>Rhus michauxii</i>	Dwarf Sumac	GA, NC, VA	C	M
<i>Taenidia integerrima</i>	Yellow Pimpernel	NC, SC, VA	P	M
<i>Asclepias purpurascens</i>	Purple Milkweed	NC, VA	M	M
<i>Asclepias quadrifolia</i>	Fourleaf Milkweed	NC, SC, VA	M	M
<i>Asclepias verticillata</i>	Whorled Milkweed	NC, SC, VA	all	M
<i>Asclepias viridiflora</i>	Green Milkweed	NC, SC, VA	P	M
<i>Matelea decipiens</i>	Deceptive Spinypod	NC, VA	P	M
<i>Aristolochia serpentaria</i>	Turpentine-root	NC, SC, VA	P	C
<i>Ambrosia bidentata</i>		VA	P	M
<i>Cirsium carolinianum</i>	Carolina Thistle	GA, NC, SC, VA	P	M
<i>Cirsium pumilum</i>	Pasture Thistle	NC, VA	P	M
<i>Coreopsis tripteris</i>	Tall Coreopsis	GA, NC, SC, VA	P	C
<i>Echinacea laevigata</i>	Smooth Purple Coneflower	NC, VA	P	M
<i>Eupatorium altissimum</i>	Tall Thoroughwort	GA, NC, VA	P	M
<i>Oligoneuron album</i>	White Prairie-goldenrod	NC, SC	P	M
<i>Oligoneuron rigidum</i> var. <i>glabratum</i>	Southeastern Bold Goldenrod	GA, NC, SC, VA	P	M
<i>Oligoneuron rigidum</i> var. <i>rigidum</i>	Midwestern Bold Goldenrod	NC, VA	M	M
<i>Packera obovata</i>	Roundleaf Ragwort	GA, NC, SC, VA	M	C
<i>Packera paupercula</i>	Balsam Ragwort	NC, VA	M	N
<i>Parthenium auriculatum</i>	Glade Wild Quinine	NC, VA	P	N
<i>Pseudognaphalium helleri</i>	Heller's Rabbit Tobacco	NC, SC, VA	P	M
<i>Silphium terebinthinaceum</i>	Prairie-dock	NC, SC	P	C
<i>Solidago curtisii</i>	Curtis's Goldenrod	VA	M	M
<i>Solidago flexicaulis</i>	Zigzag Goldenrod	NC, SC, VA	P	C
<i>Solidago patula</i> var. <i>patula</i>	Northern Roughleaf Goldenrod	NC, VA	M	M
<i>Solidago radula</i> var. <i>radula</i>	Rough Goldenrod	NC, SC	P	M
<i>Solidago sphaelata</i>	Limestone Goldenrod	NC, VA	P	C
<i>Solidago ulmifolia</i> var. <i>ulmifolia</i>	Elmleaf Goldenrod	NC, SC, VA	P	M
<i>Symphotrichum depauperatum</i>	Serpentine Aster	NC	P	M
<i>Verbesina occidentalis</i>	Southern Crownbeard	GA, NC, SC, VA	all	M
<i>Verbesina virginica</i> var. <i>virginica</i>	Common Frostweed	GA, NC, SC	M	M
<i>Berberis canadensis</i>	American Barberry	GA, NC, SC, VA	P	M
<i>Jeffersonia diphylla</i>	Twinleaf	VA	M	C
<i>Lithospermum canescens</i>	Hoary Puccoon	GA, NC, SC, VA	P	C

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<i>Onosmodium virginianum</i>	Marbleseed	GA, NC, SC, VA	all	M
<i>Arabidopsis lyrata</i> ssp. <i>lyrata</i>	Lyreleaf Rockcress	NC, VA	M	C
<i>Arabis hirsuta</i> var. <i>adpressipilis</i>	Slender Rockcress	NC	P	M
<i>Boechera canadensis</i>	Sicklepod	GA, NC, SC, VA	M	M
<i>Boechera laevigata</i> var. <i>laevigata</i>	Common Smooth Rockcress	GA, NC, SC, VA	M	M
<i>Boechera missouriensis</i>	Missouri Rockcress	GA, NC, SC	P	M
<i>Boechera patens</i>	Spreading Rockcress	VA	M	C
<i>Cardamine bulbosa</i>	Bulbous Bittercress	GA, NC, SC, VA	all	N
<i>Cardamine parviflora</i> var. <i>arenicola</i>	Sand Bittercress	GA, NC, SC, VA	all	M
<i>Draba aprica</i>	Open-ground Whitlow-grass	GA, SC	P	GM
<i>Campanula aparinoides</i> var. <i>aparinoides</i>	Marsh Bellflower	VA	M	M
<i>Campanulastrum americanum</i>	Tall Bellflower	GA, NC, SC, VA	M	M
<i>Symphoricarpos orbiculatus</i>	Coralberry	GA, NC, SC, VA	M	M
<i>Triosteum aurantiacum</i> var. <i>aurantiacum</i>		NC, VA	M	M
<i>Triosteum perfoliatum</i>	Perfoliate Horse-gentian	NC, SC, VA	M	M
<i>Minuartia patula</i>	Lime-barren Sandwort	VA	M	C
<i>Moehringia lateriflora</i>	Grove-sandwort	VA	P	M
<i>Euonymus atropurpureus</i> var. <i>atropurpureus</i>	American Wahoo	NC, SC, VA	M	M
<i>Vaccinium arboreum</i>	Sparkleberry	GA, NC, SC, VA	all	M
<i>Vaccinium stamineum</i> var. <i>stamineum</i>	Common Deerberry	GA, NC, SC, VA	all	M
<i>Euphorbia commutata</i>	Woodland Spurge	GA, NC, SC, VA	all	C
<i>Tragia urticifolia</i>	Nettleleaf Noseburn	GA, NC, SC, VA	P	M
<i>Baptisia australis</i> var. <i>aberrans</i>	Eastern Prairie Blue Wild Indigo	NC	P	C
<i>Cercis canadensis</i> var. <i>canadensis</i>	Eastern Redbud	GA, NC, SC, VA	all	C
<i>Quercus austrina</i>	Bluff Oak	NC	C	C
<i>Quercus bicolor</i>	Swamp White Oak	NC, SC, VA	all	M
<i>Quercus lyrata</i>	Overcup Oak	GA, NC, SC, VA	all	M
<i>Quercus muehlenbergii</i>	Chinquapin Oak	GA, NC, SC, VA	all	C
<i>Quercus prinoides</i>	Dwarf Chinquapin Oak	GA, NC, VA	all	M
<i>Corydalis flavula</i>	Yellow Fumewort	GA, NC, SC, VA	all	M
<i>Frasera caroliniensis</i>	American Columbo	GA, SC	M	M
<i>Hydrangea cinerea</i>	Ashy Hydrangea	GA, NC, SC	M	M
<i>Philadelphus hirsutus</i>	Hairy Mock-orange	SC	M	M
<i>Philadelphus inodorus</i>	Appalachian Mock-orange	GA, NC, SC, VA	all	M
<i>Hydrastis canadensis</i>	Golden-seal	GA, NC, VA	M	N
<i>Carya carolinae-septentrionalis</i>	Carolina Shagbark Hickory	GA, NC, SC, VA	P	M
<i>Agastache nepetoides</i>	Yellow Giant-hyssop	NC, SC, VA	P	C
<i>Collinsonia canadensis</i>	Richweed	GA, NC, SC, VA	all	C
<i>Collinsonia verticillata</i>	Whorled Horsebalm	GA, NC, SC, VA	P	M
<i>Physostegia virginiana</i> ssp. <i>praemorsa</i>	Southern Obedient-plant	GA, NC, SC, VA	all	C
<i>Physostegia virginiana</i> ssp. <i>Virginiana</i>	Northern Obedient-plant	NC, SC, VA	all	M
<i>Pycnanthemum curvipes</i>	Stone Mountain Mountain-mint	GA	P	M
<i>Pycnanthemum torreyi</i>	Torrey's Mountain-mint	VA	all	C
<i>Pycnanthemum virginianum</i>	Virginia Mountain-mint	GA, NC, VA	all	C
<i>Salvia urticifolia</i>	Nettle-leaf Sage	GA, NC, SC, VA	all	M
<i>Trichostema brachiatum</i>	Glade Blue Curls	NC, SC, VA	M	C
<i>Lindera benzoin</i> var. <i>benzoin</i>	Smooth Northern Spicebush	VA	M	C*
<i>Lindera benzoin</i> var. <i>pubescens</i>	Hairy Northern Spicebush	GA, NC, SC, VA	all	C*
<i>Magnolia acuminata</i> var. <i>acuminata</i>	Cucumber-tree	GA, NC, SC, VA	M	M
<i>Magnolia acuminata</i> var. <i>subcordata</i>	Yellow Cucumber-tree	GA, NC, SC	P	M

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<i>Magnolia macrophylla</i>	Bigleaf Magnolia	GA, NC, SC	all	C
<i>Lysimachia tonsa</i>	Southern Loosestrife	GA, NC, SC, VA	P	C
<i>Fraxinus americana</i>	White Ash	GA, NC, SC, VA	all	C
<i>Ludwigia microcarpa</i>	Small-fruited Seedbox	GA, NC	C	C
<i>Agalinis auriculata</i>	Earleaf Foxglove	SC, VA	P	M
<i>Buchnera americana</i>	American Bluehearts	GA, Nc, VA	M	C
<i>Castilleja coccinea</i>	Eastern Indian Paintbrush	NC, SC, VA	M	M
<i>Pedicularis lanceolata</i>	Swamp Lousewort	VA	M	C
<i>Polygala senega</i> var. <i>latifolia</i>	Seneca Snakeroot	NC, SC, VA	M	C
<i>Polygala senega</i> var. <i>senega</i>	Seneca Snakeroot	NC, SC, VA	M	C
<i>Phemeranthus teretifolius</i>	Appalachian Fameflower	GA, NC, SC, VA	M	M
<i>Dodecatheon meadia</i> var. <i>meadia</i>	Common Eastern Shooting Star	GA, NC, SC, VA	M	C
<i>Anemone acutiloba</i>	Sharp-lobed Hepatica	GA, NC	M	C
<i>Anemone berlandieri</i>	Eastern Prairie Anemone	GA, NC, SC, VA	P	N
<i>Aquilegia canadensis</i>	Eastern Columbine	GA, NC, SC, VA	all	C
<i>Clematis ochroleuca</i>	Curlyheads	GA, NC, SC, VA	P	M
<i>Clematis viorna</i>	Northern Leatherflower	GA, NC, SC, VA	all	M
<i>Delphinium exaltatum</i>	Tall Larkspur	NC	M	C
<i>Delphinium tricorne</i>	Dwarf Larkspur	NC, VA	M	M
<i>Enemion biternatum</i>	False Rue-anemone	NC, SC, VA	P	N
<i>Ranunculus fascicularis</i>	Thick-root Buttercup	GA, NC, SC, VA	P	M
<i>Thalictrum macrostylum</i>	Small-leaved Meadowrue	GA, NC, SC, VA	all	N
<i>Frangula caroliniana</i>	Carolina Buckthorn	GA, NC, SC	M	M
<i>Crataegus marshallii</i>	Parsley Hawthorn	GA, NC, SC	C	C
<i>Crataegus spathulata</i>	Littlehip Hawthorn	GA, NC, SC	C	M
<i>Filipendula rubra</i>	Queen-of-the-Prairie	VA	M	M
<i>Geum virginianum</i>	Avens	NC, SC, VA	M	M
<i>Physocarpus opulifolius</i> var. <i>opulifolius</i>	Eastern Ninebark	NC, SC	M	M
<i>Houstonia tenuifolia</i>	Diffuse-branched Bluet	GA, NC, SC, VA	P	M
<i>Ptelea trifoliata</i> var. <i>mollis</i>	Hairy Hop-tree	GA, NC, SC	C	C
<i>Ptelea trifoliata</i> var. <i>trifoliata</i>	Smooth Hop-tree	GA, SC, VA	M	C
<i>Zanthoxylum americanum</i>	Prickly-ash	GA, VA	all	M*
<i>Salix humilis</i>	Upland Willow	GA, NC, VA	all	M
<i>Salix occidentalis</i>	Dwarf Upland Willow	GA, NC, VA	all	M
<i>Acer floridanum</i>	Southern Sugar Maple	GA, NC, SC, VA	P	M
<i>Acer leucoderme</i>	Chalk Maple	GA, NC, SC	P	M
<i>Sideroxylon lycioides</i>	Buckthorn Bully	GA, NC	C	N
<i>Scrophularia marilandica</i>	Eastern Figwort	GA, NC, SC, VA	all	M
<i>Staphylea trifolia</i>	Bladdernut	GA, NC, SC, VA	all	C
<i>Dirca palustris</i>	Leatherwood	GA, NC, SC, VA	all	C
<i>Viola walteri</i>	Walter's Violet	NC, SC	all	M
<i>Manfreda virginica</i>	Rattlesnake-master	GA, NC, SC	all	M
<i>Allium cernuum</i>	Nodding Onion	NC, SC, VA	P	M
<i>Carex albursina</i>	White Bear Sedge	VA	M	M
<i>Carex buxbaumii</i>	Brown Bog Sedge	VA	M	C
<i>Carex granularis</i>		NC, VA	C	N
<i>Carex jamesii</i>	James's Sedge	NC, SC, VA	P	C
<i>Carex meadii</i>	Mead's Sedge	NC, VA	P	M
<i>Carex oligocarpa</i>	Few-fruited Sedge	VA	M	N
<i>Carex plantaginea</i>	Searsucker Sedge	NC, VA	M	N

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<i>Carex platyphylla</i>	Broadleaf Sedge	NC, VA	M	M
<i>Sisyrinchium dichotomum</i>	White Irisette	NC, SC	M	M
<i>Erythronium americanum</i> ssp. <i>americanum</i>	American Trout Lily	NC, SC, VA	P	M
<i>Galearis spectabilis</i>	Showy Orchis	NC, VA	M	M
<i>Hexalectris spicata</i> var. <i>spicata</i>	Crested Coralroot	GA, NC, SC, VA	P	M
<i>Liparis loeselii</i>	Fen Orchid	VA	M	M
<i>Chasmanthium latifolium</i>	River Oats	GA, NC, SC, VA	P	M
<i>Festuca paradoxa</i>	Cluster Fescue	GA, NC, SC, VA	all	M
<i>Panicum flexile</i>	Wiry Panic Grass	NC, SC, VA	P	M
<i>Piptochaetium avenaceum</i>	Eastern Needlegrass	GA, NC, SC, VA	all	M
<i>Sorghastrum elliotii</i>	Slender Indiangrass	GA, NC, SC, VA	C	M
<i>Sporobolus ozarkanus</i>	Ozark Dropseed	NC	P	M
<i>Smilax lasioneura</i>	Carrionflower	NC	M	M*
<i>Tofieldia glutinosa</i>	Sticky Bog Asphodel	NC	M	M
<i>Trillium cuneatum</i>	Sweet Betsy	GA, NC, SC	P	M
<i>Trillium rugelii</i>	Southern Nodding Trillium	GA, NC, SC	M	M