PLANT SPECIES OF MARYLAND'S PIEDMONT
THAT ARE REGIONALLY RARE BUT NOT STATE RARE
CRIS FLEMING - JANUARY 2010

This is a list of plant species not on Maryland's list of Rare, Threatened & Endangered Species but considered by me to be regionally rare or uncommon in Maryland's Piedmont Region (Montgomery, Carroll, Howard, Baltimore, & Harford Co) and the inner Coastal Plain areas near Washington (Prince Georges, Charles, & Anne Arundel Co). Although other botanists have been consulted, this list is mostly based on my own field experience and is not considered complete or authoritative. With a few exceptions, all plant species listed here have been seen by me in one or more of these counties. This list is for the use of members of MNPS doing field surveys in the Piedmont Region. It was prepared as one of the goals of the botany committee for the year 2002 and was completed in January 2003 and revised in February 2007 and again in January 2010. Nomenclature follows Gleason and Cronquist, Manual of Vascular Plants of Northeastern United States and Adjacent Canada, Second Edition, 1991.

The great majority of plants listed here as regionally rare are northern species that do grow in Maryland in the mountain counties because the climate is cooler there. The long, warm summers of the Piedmont counties preclude the widespread occurrence of many northern species. However, species of these cooler regions sometimes do occur in the Piedmont region on north-facing slopes, in shady ravines, or in especially rich, moist soil. Other species are regionally rare because their habitat is regionally rare, for instance shale barrens, serpentine barrens, diabase openings, and cool seepage swamps. Some of these habitats are also state rare and some are more common in other physiographic regions.

HERBACEOUS FLOWERING PLANTS
Anemone quinquefolia - Wood anemone: northern & mountains
Aralia nudicaulis - Wild sarsaparilla
Arisaema dracontium - Green dragon: was on state list
Aruncus dioicus - Goatsbeard
Asclepias verticillata – Whorled milkweed: recently removed from state list
Asclepias viridiflora - Green milkweed: was once on state list
Aster linariifolius – Stiff aster
Aster novae-angliae - New England aster: however widely planted
Aster novi-belgii – New York aster
Aster oblongifolius - Aromatic aster
Caltha palustris - Marsh marigold: cool seepage swamps and streams, northern & mountains
Campanula americana - Tall bellflower
Chamaelirium luteum – Devil’s bit
Chrysosplenium americanum – Golden saxifrage
Clitoria mariana - Butterfly-pea: more common south & west
Cuphea viscosissima (C. petiolata) - Clammy cuphea: more common southward
Epigaea repens - Trailing arbutus
Gentiana clausa - Bottle gentian
Geum vernum - Spring avens: recently removed from state list
Jeffersonia diphylla - Twinleaf: mainly on calcareous substrate, was once on state list
Lilium canadense - Canada lily: northern & mountains
Maianthemum canadense - Canada mayflower: northern & mountains
Mitella diphylla - Miterwort – northern & mountains
Obolaria virginica - Pennywort
Orontium aquaticum - Golden club: more common on Coastal Plain
Pedicularis canadensis – Wood betony
Phyla lanceolata (Lippia l.)- Fog-fruit: more common southward
Polemonium reptans - Greek valerian
Polygala sanguinea - Purple milkwort
Porteranthus trifoliatus (Gillenia t.) - Bowman's-root; Appl. mountains
Pyrola rotundifolia - Round-leaved pyrola
Sabatia angularis – Rose pink
Saxifraga pensylvanica – Swamp saxifrage; northern & mountains
Stylosanthes biflora – Pencil flower
Taenidia integerrima - Yellow pimpernel
Tephrosia virginiana - Goat's-rue
Thalictrum revolutum - Waxy meadowrue: was once on state list
Thalictrum steeleanum – Steele’s meadowrue
Trillium erectum - Erect trillium: northern & mountains
Veratrum viride - False hellebore: cool seepage swamps and streams, circumboreal
Vernonia glauca - Broad-leaved ironweed
Viola blanda - Sweet white violet
Viola conspersa - Dog violet
Viola cucullata - Marsh blue violet: cool seepage swamps and streams
Viola pedata – Bird’s foot violet
Viola rotundifolia – Round-leaved violet
Viola sagittata (V. fimbriatula) - Ovate-leaved violet: dry fields especially serpentine

**ORCHIDS** - All orchids are uncommon or rare in the region expect Aplectrum hyemale - Puttyroot, Goodyera pubescens - Downy rattlesnake-plantain, and Tipularia discolor - Cranefly orchid. Below are several orchids which do occur in the region but rarely in abundance.

Cypripedium acaule - Pink lady's-slipper: acidic woods
Cypripedium calceolus - Yellow lady's-slipper: calcareous woods
Isotria verticillata - Large whorled pogonia
Liparis lilifolia - Lily-leaved twayblade
Orchis spectabilis - Showy orchis
Platanthera clavellata - Green wood orchid
Platanthera lacera - Ragged fringed orchid
Spiranthes cernua - Nodding ladies'-tresses
Spiranthes gracilis - Slender ladies'-tresses

**FERNS & FERN ALLIES**
Asplenium montanum – Mountain spleenwort
Asplenium rhizophyllum (Camptosorus) - Walking fern: mainly on calcareous substrate
Dryopteris cristata - Crested wood fern: Seepage swamps
Lycopodium appressum – Southern bog clubmoss: mostly Coastal Plain
Osmunda claytoniana - Interrupted fern
Pellaea atropurpurea - Purple cliff-brake: mainly on calcareous substrate
WOODY PLANTS (TREES & SHRUBS)

Acer saccharum - Sugar maple: northern & mountains, found in cool ravines here & also planted
Aronia arbutifolia - Red chokeberry: typically found in bogs
Aronia melanocarpa - Black chokeberry: typically found in bogs
Betula lenta - Black birch
Betula lutea - Yellow birch: northern & mountains
Carya ovata - Shagbark hickory
Castanea pumila - Chinquapin: was on state list
Celtis tenuifolia - Dwarf hackberry
Ceonathus americanus - New Jersey tea
Cornus racemosa - Gray dogwood: northern & mountains
Gleditsia triacanthos - Honey locust: midwestern species found along Potomac River & also planted
Hypericum densiflorum - Bushy St. Johnswort
Hypericum prolificum (H. spathulatum) - Shrubby St. Johnswort
Lyonia mariana - Staggerbush: more common in sandy soil on outer Coastal Plain
Magnolia acuminata - Cucumber-tree: Appalachian mountains
Magnolia tripetala – Umbrella magnolia: Appalachian mountains
Magnolia virginiana – Swamp magnolia: more common on Coastal Plain
Morus rubra - Red mulberry
Myrica cerifera - Southern bayberry: more common on outer Coastal Plain
Phoradendron flavescens - Mistletoe: usual range more southern & outer Coastal Plain
Physocarpus opulifolius - Ninebark
Pinus pungens - Table Mountain pine
Pinus strobus - White pine: northern & mountain species planted here, few natural stands
Quercus ilicifolia - Scrub oak
Quercus michauxii - Swamp chestnut oak
Quercus muehlenbergii - Chinquapin oak
Rhododendron maximum - Rosebay rhododendron: northern & mountain species
Rhus aromatica - Fragrant sumac
Rhus vernix - Poison sumac: typically found in bogs
Spiraea tomentosa - Steeplebush
Tilia americana - American basswood: northern & mountains
Toxicodendron pubescens - Poison oak: more common on outer Coastal Plain
Tsuga canadensis - Eastern hemlock: northern and mountains; planted here, few natural stands
Viburnum rafinesquianum - Downy arrowwood