

List of Rare, Threatened, and Endangered Species of Howard County

November 2021



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Boyd Rutherford, Lt. Governor
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Wildlife & Heritage Service

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ACKNOWLEDGMENTS

The Maryland Department of Natural Resources would like to express sincere appreciation to the many scientists and naturalists who willingly share information and provide their expertise to further our mission of conserving Maryland's natural heritage.

Publication of this list is made possible by taxpayer donations to Maryland's Chesapeake Bay and Endangered Species Fund.

IMPORTANT NOTES

This list is a subset of the main reports:

Maryland Natural Heritage Program. 2021. List of Rare, Threatened, and Endangered Plants of Maryland DNR 03-030321-271 and

Maryland Natural Heritage Program. 2021. Rare, Threatened, and Endangered Plants of Maryland DNR 03-030321-270 and

Maryland Natural Heritage Program. 2021. List of Rare, Threatened, and Endangered Animals of Maryland DNR 03- 111921-291

Please refer to these for important information including grant, history, purpose, governing laws and regulations, understanding state and federal conservation status ranks and legal statuses, and for additional resources.

This list is derived from an extensive data collection effort and numerous field surveys to determine distribution and abundance of plants and animals native to Maryland. Although based on a large volume of information, this list should not be viewed as complete or definitive. While much is known about some species, very little is known about others. The Maryland Natural Heritage Program welcomes additional information or recommendations regarding any of the taxa listed herein.

HOW YOU CAN HELP

You can take an active part in conserving Maryland's rare species by contacting the Wildlife and Heritage Service with the following types of information:

1. Location details should be included (exact mapped location using GPS is preferred, but not required). Online applications such as Google Earth are invaluable but precise, written directions including driving and walking are acceptable.
2. Documentation that includes a photograph, description of the species, identification source, and habitat description should accompany the report.
3. Information on the ecology and or biology of the species including observed and/or identified pollinators should accompany the report.

**Additional information, including a downloadable PDF of our rare plant reporting form can be found at: dnr.maryland.gov/wildlife/Pages/plants_wildlife/rte_reportinginst.aspx

Definitions of qualifiers used in the county distribution of species.

Distributional Qualifier	Definition
{species} [?]	Record for the county is reported but unverified or may indicate that the record occurs outside of the known range or in atypical habitat.
{species} ^h	Record for the county is based upon a historical collection but no extant population is known.
{species} ^l	Record for the county is the result of an introduction.

SCIENTIFIC NAME	COMMON NAME	STATE RANK	STATE STATUS	FEDERAL STATUS
Animals				
<i>Alasmidonta undulata</i>	Triangle Floater	S1S2	T	
<i>Elliptio lanceolata</i>	Yellow Lance	S1	T	LT
<i>Epitheca costalis</i>	Slender Baskettail	S1		
<i>Erpetogomphus designatus</i>	Eastern Ringtail	S2		
<i>Etheostoma vitreum</i>	Glassy Darter	S2	T	
<i>Gallinula galeata</i>	Common Gallinule	S2S3B	I	
<i>Haliaeetus leucocephalus</i>	Bald Eagle	S3S4		
<i>Ophiogomphus incurvatus incurvatus</i>	Appalachian Snaketail	S1	E	
<i>Percina notogramma</i>	Stripeback Darter	S1	E	
<i>Phanogomphus quadricolor</i>	Rapids Clubtail	S2	I	
<i>Porzana carolina</i>	Sora	S2B		
<i>Sorex longirostris</i>	Southeastern Shrew	S3S4		
<i>Sperchopsis tessellatus</i>	A Hydrophilid Beetle	S2		
<i>Speyeria idalia</i>	Regal Fritillary	SH	X	
<i>Spiza americana</i>	Dickcissel	S3B		
<i>Strophitus undulatus</i>	Creeper	S2S3	I	
<i>Stygobromus pizzinii</i>	Pizzini's Cave Amphipod	S1		
<i>Stygobromus tenuis potomacus</i>	Potomac Amphipod	S3		
<i>Stylurus laurae</i>	Laura's Clubtail	S2S3		
Plants				
<i>Agalinis obtusifolia</i> ?	Ten-lobed False Foxglove	SH	X	
<i>Agrimonia microcarpa</i>	Small-fruited Agrimony	S1?		
<i>Agrimonia striata</i> ^h	Woodland Agrimony	S1	E	
<i>Amelanchier spicata</i> ^h	Running Serviceberry	S2		
<i>Amianthium muscitoxicum</i>	Fly-poison	S2		
<i>Aralia racemosa</i> ^h	American Spikenard	S2S4		
<i>Aristida lanosa</i> ?	Woolly Three-awn	S1	E	
<i>Aronia x prunifolia</i>	Purple Chokeberry	S3		
<i>Arundinaria tecta</i>	Switch Cane	S2		
<i>Asclepias verticillata</i>	Whorled Milkweed	S3		
<i>Asplenium bradleyi</i> ^{h?}	Bradley's Spleenwort	S1	X (PE)	
<i>Aureolaria flava</i>	Smooth Yellow False Foxglove	S3		
<i>Betula populifolia</i>	Gray Birch	S1?		
<i>Botrychium matricariifolium</i>	Chamomile Grapefern	S1?		
<i>Botrychium simplex</i> ^h	Least Grapefern	SH	X	
<i>Bromus latiglumis</i>	Broad-glumed Brome	S1	E	
<i>Carex hirtifolia</i>	Pubescent Sedge	S3		
<i>Carex striatula</i>	Lined Sedge	S3		
<i>Carex trichocarpa</i> ^h	Hairy-fruited Sedge	S2		
<i>Carya laciniosa</i> ^h	Big Shellbark Hickory	S1	E	
<i>Castanea dentata</i>	American Chestnut	S2S3		

SCIENTIFIC NAME	COMMON NAME	STATE RANK	STATE STATUS	FEDERAL STATUS
<i>Chenopodium standleyanum</i> ^h	Standley's Goosefoot	S2S3		
<i>Coreopsis verticillata</i>	Whorled Coreopsis	S3		
<i>Corylus cornuta</i>	Beaked Hazelnut	S3		
<i>Cyperus lancastris</i> ^h	Many-flowered Umbrella-sedge	S2S3		
<i>Cyperus refractus</i> ^h	Reflexed Flatsedge	S2?		
<i>Cypripedium parviflorum</i> var. <i>pubescens</i>	Large Yellow Lady's-slipper	S3		
<i>Desmodium canadense</i> [?]	Showy Tick-trefoil	SH		
<i>Desmodium laevigatum</i> ^h	Smooth Tick-trefoil	S3		
<i>Dirca palustris</i>	Eastern Leatherwood	S2	T	
<i>Dryopteris celsa</i>	Log Fern	S3		
<i>Eleocharis erythropoda</i> ^h	Bald Spikerush	SU		
<i>Galactia volubilis</i> ^h	Downy Milkpea	S3		
<i>Geum laciniatum</i>	Rough Avens	S3		
<i>Heracleum maximum</i>	Cow-parsnip	S3		
<i>Homalosorus pycnocarpus</i>	Glade Fern	S2	T	
<i>Hydrastis canadensis</i>	Golden-seal	S2	T	
<i>Hylodesmum pauciflorum</i>	Few-flowered Tick-trefoil	S2	E	
<i>Isoetes riparia</i> ^h	Riverbank Quillwort	SU		
<i>Juglans cinerea</i>	Butternut	S2S3		
<i>Juncus torreyi</i>	Torrey's Rush	S1	E	
<i>Kalmia angustifolia</i>	Sheep Laurel	S3S4		
<i>Krigia dandelion</i>	Potato Dwarf-dandelion	S2S3		
<i>Liparis liliifolia</i>	Large Twayblade	S3		
<i>Liparis loeselii</i>	Loesel's Twayblade	S1S2		
<i>Lipocarpha micrantha</i>	Dwarf Bulrush	S1	E	
<i>Ludwigia decurrens</i>	Primrose-willow	S2S3		
<i>Lupinus perennis</i>	Sundial Lupine	S2	T	
<i>Lygodium palmatum</i> ^h	Climbing Fern	S2	T	
<i>Magnolia tripetala</i>	Umbrella Magnolia	S3		
<i>Malus angustifolia</i>	Southern Crabapple	S3		
<i>Matteuccia struthiopteris</i>	Ostrich Fern	S2S3		
<i>Monarda clinopodia</i>	Basil Beebalm	S3S4		
<i>Myosotis verna</i>	Spring Forget-me-not	S3		
<i>Phaseolus polystachios</i>	Wild Kidney Bean	S3		
<i>Platanthera ciliaris</i> ^h	Yellow Fringed Orchid	S2	T	
<i>Platanthera cristata</i>	Crested Yellow Orchid	S3		
<i>Platanthera grandiflora</i>	Large Purple Fringed Orchid	S2	T	
<i>Platanthera peramoena</i>	Purple Fringeless Orchid	S1S2	T	
<i>Podostemum ceratophyllum</i>	Threadfoot	S3		
<i>Polygala incarnata</i>	Pink Milkwort	S2S3		
<i>Polygala senega</i> ^h	Seneca Snakeroot	S2	T	
<i>Potamogeton foliosus</i> [?]	Leafy Pondweed	S2		
<i>Pycnanthemum torreyi</i> ^h	Torrey's Mountainmint	S1	E	

SCIENTIFIC NAME	COMMON NAME	STATE RANK	STATE STATUS	FEDERAL STATUS
<i>Pycnanthemum verticillatum</i> ?	Whorled Mountainmint	S1	T	
<i>Pycnanthemum virginianum</i> ^h	Virginia Mountainmint	S2		
<i>Ranunculus ambigens</i> ^h	Water-plantain Spearwort	S1		
<i>Ranunculus fascicularis</i>	Early Buttercup	S1	E	
<i>Ruellia strepens</i>	Limestone Wild Petunia	S2S3		
<i>Saccharum alopecuroides</i>	Silver Plume Grass	S1?		
<i>Salix occidentalis</i> ^h	Dwarf Prairie Willow	S2		
<i>Scutellaria galericulata</i> ?	Hooded Skullcap	S2		
<i>Scutellaria leonardii</i> ?	Shale Barren Skullcap	S2	T	
<i>Scutellaria serrata</i>	Showy Skullcap	S3		
<i>Silene nivea</i> ^h	Snowy Champion	S1	E	
<i>Silphium asteriscus</i> var. <i>trifoliatum</i> ^h	Threeleaf Rosinweed	S3		
<i>Stellaria alsine</i>	Trailing Stitchwort	S1	E	
<i>Thaspium trifoliatum</i>	Purple Meadow Parsnip	S1	E	
<i>Thelypteris simulata</i>	Bog Fern	S2	T	
<i>Trichophorum planifolium</i> ^h	Bashful Bulrush	S2		
<i>Trillium cernuum</i>	Northern Nodding Trillium	S3		
<i>Trillium flexipes</i>	Nodding Trillium	S1	E	
<i>Triosteum angustifolium</i>	Yellowleaf Tinker's-weed	S1	E	
<i>Typha domingensis</i>	Southern Cattail	S3		
<i>Veratrum virginicum</i>	Virginia Bunchflower	S3		
<i>Zizia aurea</i>	Golden Alexanders	S3		