

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

November 2021



Larry Hogan, Governor
Boyd Rutherford, Lt. Governor
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Wildlife & Heritage Service

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ACKNOWLEDGMENTS

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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>Aeshna tuberculifera</i>	Black-tipped Darner	S2		
<i>Alasmidonta undulata</i>	Triangle Floater	S1S2	T	
<i>Alasmidonta varicosa</i>	Brook Floater	S1	E	
<i>Bartramia longicauda</i>	Upland Sandpiper	S1B	E	
<i>Caecidotea vandeli</i>	Vandel's Cave Isopod	S1	E	
<i>Cicindela patruela</i>	Northern Barrens Tiger Beetle	S1	E	
<i>Cordulegaster bilineata</i>	Brown Spiketail	S3		
<i>Cordulegaster erronea</i>	Tiger Spiketail	S3		
<i>Cottus sp. 7</i>	Checkered Sculpin	S2		
<i>Elliptio lanceolata</i>	Yellow Lance	S1	T	LT
<i>Elliptio producta</i>	Atlantic Spike	S2S3	I	
<i>Erythrodiplax minuscula</i>	Little Blue Dragonlet	S1		
<i>Euphydryas phaeton</i>	Baltimore Checkerspot	S2		
<i>Gallinula galeata</i>	Common Gallinule	S2S3B	I	
<i>Haliaeetus leucocephalus</i>	Bald Eagle	S3S4		
<i>Hylogomphus abbreviatus</i>	Spine-crowned Clubtail	S1		
<i>Hylogomphus viridifrons</i>	Green-faced Clubtail	S1		
<i>Ixobrychus exilis</i>	Least Bittern	S2S3B	I	
<i>Ladona julia</i>	Chalk-fronted Skimmer	S3		
<i>Lampsilis cariosa</i>	Yellow Lampmussel	SU		
<i>Lanius ludovicianus</i>	Loggerhead Shrike	S1B	E	
<i>Lanthus vernalis</i>	Southern Pygmy Clubtail	S2		
<i>Lasmigona subviridis</i>	Green Floater	S1	E	
<i>Libellula flavida</i>	Yellow-sided Skimmer	S2S3		
<i>Mustela nivalis</i>	Least Weasel	S2S3	I	
<i>Nannothemis bella</i>	Elfin Skimmer	S1	E	
<i>Neotoma magister</i>	Allegheny Woodrat	S1	E	
<i>Ophiogomphus sp. 1</i>	Chesapeake Snaketail	S1		
<i>Phanogomphus quadricolor</i>	Rapids Clubtail	S2	I	
<i>Podilymbus podiceps</i>	Pied-billed Grebe	S2S3B		
<i>Porzana carolina</i>	Sora	S2B		
<i>Satyrium edwardsii</i>	Edwards' Hairstreak	S1	E	
<i>Setophaga fusca</i>	Blackburnian Warbler	S3B		
<i>Sorex fumeus</i>	Smoky Shrew	S2S3	I	
<i>Sorex hoyi winnemana</i>	Southern Pygmy Shrew	S2		
<i>Spiza americana</i>	Dickcissel	S3B		
<i>Strophitus undulatus</i>	Creeper	S2S3	I	
<i>Stygobromus pizzinii</i>	Pizzini's Cave Amphipod	S1		
<i>Stygobromus sp. 14</i>	Roundtop Amphipod	S1		
<i>Stygobromus tenuis potomacus</i>	Potomac Amphipod	S3		
<i>Thryomanes bewickii bewickii</i>	Bewick's Wren	SXB	X	

SCIENTIFIC NAME	COMMON NAME	STATE RANK	STATE STATUS	FEDERAL STATUS
Plants				
<i>Adlumia fungosa</i>	Climbing Fumitory	S2	T	
<i>Agalinis auriculata</i>	Earleaf False Foxglove	S1	E	
<i>Agastache scrophulariifolia</i>	Purple Giant-hyssop	S1S2	T	
<i>Agrimonia microcarpa</i> ?	Small-fruited Agrimony	S1?		
<i>Amelanchier spicata</i>	Running Serviceberry	S2		
<i>Amianthium muscitoxicum</i>	Fly-poison	S2		
<i>Anaphalis margaritacea</i>	Pearly Everlasting	S3		
<i>Arabis patens</i>	Spreading Rockcress	S3		
<i>Aralia racemosa</i>	American Spikenard	S2S4		
<i>Asclepias purpurascens</i>	Purple Milkweed	S2		
<i>Asclepias rubra</i> ^{h?}	Red Milkweed	S1	E	
<i>Asclepias verticillata</i>	Whorled Milkweed	S3		
<i>Asplenium pinnatifidum</i>	Lobed Spleenwort	S1	E	
<i>Astragalus canadensis</i>	Canadian Milkvetch	S1	E	
<i>Aureolaria flava</i> ^h	Smooth Yellow False Foxglove	S3		
<i>Aureolaria levigata</i> ^h	Downy Yellow False Foxglove	S3		
<i>Bartonia paniculata</i> ^h	Twining Screwstem	S3		
<i>Blephilia ciliate</i>	Downy Woodmint	S3S4		
<i>Borodinia dentata</i>	Short's Rockcress	S3		
<i>Botrychium simplex</i> ?	Least Grapefern	SH	X	
<i>Calopogon tuberosus</i> ^h	Tuberous Grass-pink	S1	E	
<i>Calystegia spithamea</i> ssp. <i>spithamea</i>	Low Bindweed	S2		
<i>Capnoides sempervirens</i>	Pale Corydalis	S3		
<i>Cardamine douglassii</i>	Purple Cress	S3		
<i>Carex albursina</i>	White Bear Sedge	S3		
<i>Carex argyrantha</i> ^h	Hay Sedge	S3		
<i>Carex conoidea</i>	Field Sedge	S1	E	
<i>Carex davisii</i>	Davis' Sedge	S1	E	
<i>Carex emoryi</i>	Emory's Sedge	S3		
<i>Carex pellita</i>	Wooly Sedge	S2?		
<i>Carex shortiana</i>	Short's Sedge	S3S4		
<i>Carex sparganioides</i>	Bur-reed Sedge	S3		
<i>Castilleja coccinea</i> ^h	Scarlet Indian-paintbrush	S1	E	
<i>Cirsium muticum</i>	Swamp Thistle	S3		
<i>Chelone obliqua</i> ^{h?}	Red Turtlehead	S2	T	
<i>Chimaphila umbellata</i>	Common Wintergreen	S3		
<i>Clematis viorna</i>	Vase-vine Leatherflower	S3		
<i>Commelina erecta</i>	Erect Dayflower	S3		
<i>Coptis trifolia</i>	Goldthread	S1	E	
<i>Corallorhiza wisteriana</i> ^h	Spring Coralroot	S1	E	
<i>Cornus rugosa</i> ^h	Roundleaf Dogwood	S1	E	
<i>Corylus cornuta</i>	Beaked Hazelnut	S3		
<i>Cyperus lancastrimensis</i>	Many-flowered Umbrella-sedge	S2S3		

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<i>Cyperus refractus</i>	Reflexed Flatsedge	S2?		
<i>Cypripedium parviflorum var. pubescens</i>	Large Yellow Lady's-slipper	S3		
<i>Cystopteris tennesseensis</i> ^h	Tennessee Bladderfern	S1		
<i>Dactylorhiza viridis</i>	Long-bract Green Orchis	S1	E	
<i>Delphinium tricorne</i>	Dwarf Larkspur	S3		
<i>Dichanthelium bicknellii</i> ^h	Bicknell's Witchgrass	SU	X	
<i>Diphasiastrum tristachyum</i> [?]	Deep-root Clubmoss	S3		
<i>Dirca palustris</i>	Eastern Leatherwood	S2	T	
<i>Doellingeria infirma</i>	Cornel-leaf Aster	S3		
<i>Drosera rotundifolia</i>	Roundleaf Sundew	S3		
<i>Dryopteris celsa</i>	Log Fern	S3		
<i>Epilobium leptophyllum</i>	Linear-leaf Willowherb	S2S3		
<i>Equisetum sylvaticum</i>	Woodland Horsetail	S1	E	
<i>Erigenia bulbosa</i>	Harbinger-of-spring	S3		
<i>Erythronium albidum</i>	White Trout Lily	S2	T	
<i>Euphorbia purpurea</i>	Glade Spurge	S1	E	
<i>Eurybia radula</i>	Rough Wood Aster	S1	E	
<i>Eutrochium maculatum</i> [?]	Spotted Joe-pye Weed	SU	X	
<i>Filipendula rubra</i>	Queen-of-the-prairie	S1	E	
<i>Fraxinus nigra</i>	Black Ash	S3		
<i>Galium latifolium</i>	Purple Bedstraw	S3		
<i>Gentiana andrewsii</i>	Fringe-top Bottle Gentian	S2	T	
<i>Geranium robertianum</i>	Herb-Robert	S1		
<i>Geum laciniatum</i>	Rough Avens	S3		
<i>Glyceria acutiflora</i>	Sharp-scaled Mannagrass	S1	E	
<i>Gymnocarpium dryopteris</i>	Northern Oak Fern	S1	E	
<i>Helianthus hirsutus</i> ^h	Stiff-hair Sunflower	S1		
<i>Heracleum maximum</i>	Cow-parsnip	S3		
<i>Hibiscus laevis</i>	Halberd-leaf Rosemallow	S3		
<i>Hybanthus concolor</i>	Green Violet	S3		
<i>Hydrastis canadensis</i>	Golden-seal	S2	T	
<i>Iris virginica</i>	Virginia Blueflag	S3		
<i>Isoetes engelmannii</i>	Engelmann's Quillwort	S3		
<i>Juglans cinerea</i>	Butternut	S2S3		
<i>Krigia dandelion</i> ^h	Potato Dwarf-dandelion	S2S3		
<i>Lespedeza frutescens</i>	Violet Lespedeza	S3		
<i>Ligusticum canadense</i> ^h	American Lovage	SH	X	
<i>Liparis liliifolia</i>	Large Twayblade	S3		
<i>Liparis loeselii</i>	Loesel's Twayblade	S1S2		
<i>Lycopodiella inundata</i>	Bog Clubmoss	S2		
<i>Lythrum alatum</i>	Winged Loosestrife	S1	E	
<i>Maianthemum stellatum</i>	Starflower Solomon's-plume	S2	E	
<i>Malaxis unifolia</i>	Green Adder's-mouth Orchid	S2		

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<i>Malus angustifolia</i>	Southern Crabapple	S3		
<i>Matelea obliqua</i>	Climbing Milkweed	S1S2	E	
<i>Micranthes micranthidifolia</i> ^h	Lettuceleaf Saxifrage	S3		
<i>Monarda clinopodia</i>	Basil Beebalm	S3S4		
<i>Mononeuria glabra</i>	Appalachian Sandwort	S1		
<i>Myosotis macrosperma</i>	Large-seed Forget-me-not	S3S4		
<i>Myosotis verna</i>	Spring Forget-me-not	S3		
<i>Napaea dioica</i>	Glade Mallow	S1	E	
<i>Nymphoides cordata</i>	Little Floatingheart	S1	E	
<i>Orthilia secunda</i> ^h	One-side Wintergreen	SH	X	
<i>Packera paupercula</i>	Balsam Ragwort	S3		
<i>Panax quinquefolius</i>	American Ginseng	S2S3		
<i>Patis racemosa</i>	Black-fruit Mountain-ricegrass	S2S3		
<i>Pellaea glabella</i>	Smooth Cliffbrake	S1	E	
<i>Penstemon laevigatus</i> ^h	Smooth Beardtongue	SU		
<i>Phacelia purshii</i>	Miami-mist	S3		
<i>Phyllanthus caroliniensis</i>	Carolina Leaf-flower	S3		
<i>Platanthera ciliaris</i>	Yellow Fringed Orchid	S2	T	
<i>Platanthera cristata</i>	Crested Yellow Orchid	S3		
<i>Platanthera flava</i>	Pale Green Orchid	S2S3		
<i>Platanthera grandiflora</i>	Large Purple Fringed Orchid	S2	T	
<i>Platanthera peramoena</i>	Purple Fringeless Orchid	S1S2	T	
<i>Platanthera psycodes</i>	Small Purple Fringed Orchid	S1	PE	
<i>Platanthera shriveri</i>	Shriver's Frilly Orchid	S1		
<i>Pycnanthemum pycnanthemoides</i> ^{h?}	Southern Mountainmint	SH	X	
<i>Pycnanthemum torreyi</i>	Torrey's Mountainmint	S1	E	
<i>Pycnanthemum verticillatum</i>	Whorled Mountainmint	S2	T	
<i>Quercus macrocarpa</i> ^h	Bur Oak	S1S2		
<i>Quercus shumardii</i>	Shumard Oak	S2	T	
<i>Ranunculus septentrionalis</i>	Carolina Buttercup	S1?		
<i>Ranunculus flabellaris</i>	Yellow Water Crowfoot	S1	E	
<i>Ribes cynosbati</i>	Prickly Gooseberry	S3		
<i>Ribes americanum</i>	Wild Black Currant	S1	X	
<i>Ribes glandulosum</i>	Skunk Currant	S3		
<i>Ripariosida hermaphrodita</i> ^h	Virginia Mallow	S1	E	
<i>Rubus pubescens</i>	Dwarf Raspberry	S1?		
<i>Rudbeckia fulgida</i>	Orange Coneflower	S3		
<i>Rudbeckia triloba</i>	Brown-eyed Susan	S3		
<i>Ruellia strepens</i>	Limestone Wild Petunia	S2S3		
<i>Rumex altissimus</i> ^h	Tall Dock	S1	E	
<i>Sagittaria rigida</i> ^h	Sessile-fruit Arrowhead	S1	E	
<i>Salix exigua</i> ^h	Narrowleaf Willow	S1	E	
<i>Sanguisorba canadensis</i>	Canada Burnet	S2	T	

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<i>Sanicula trifoliata</i>	Large-fruited Sanicle	S3		
<i>Sarracenia purpurea</i>	Northern Pitcherplant	S2	T	
<i>Sceptridium oneidense</i> ?	Blunt-lobe Grapefern	S1	E	
<i>Schoenoplectus subterminalis</i>	Water Bulrush	S1	E	
<i>Scrophularia lanceolata</i>	Hare Figwort	S3		
<i>Scutellaria incana</i>	Hoary Skullcap	S3		
<i>Scutellaria leonardii</i> ^h	Shale Barren Skullcap	S2	T	
<i>Scutellaria nervosa</i>	Veined Skullcap	S1S2	T	
<i>Scutellaria ovata</i>	Heartleaf Skullcap	S3		
<i>Scutellaria saxatilis</i>	Rock Skullcap	S1	E	
<i>Scutellaria serrata</i>	Showy Skullcap	S3		
<i>Senecio suaveolens</i>	Sweet-scented Indian-plantain	S1	E	
<i>Senna marilandica</i>	Maryland Wild Senna	S3		
<i>Silene nivea</i>	Snowy Campion	S1	E	
<i>Silphium asteriscus</i> var. <i>trifoliatum</i>	Threeleaf Rosinweed	S3		
<i>Smilax ecirrata</i> ^h	Upright Greenbrier	S1S3		
<i>Solidago arguta</i> var. <i>arguta</i> ?	Late Goldenrod	S1?		
<i>Solidago hispida</i>	Hairy Goldenrod	S3		
<i>Solidago patula</i>	Sharp-leaved Goldenrod	S3		
<i>Solidago rigida</i> ^h	Prairie Goldenrod	S1	E	
<i>Sparganium eurycarpum</i>	Giant Bur-reed	S3		
<i>Spiranthes ochroleuca</i>	Yellow Nodding Ladies'-tresses	S1	E	
<i>Stachys hyssopifolia</i> ^h	Hyssopleaf Hedge-nettle	S1		
<i>Stenanthium gramineum</i>	Eastern Featherbells	S1	T	
<i>Symphotrichum shortii</i>	Short's Aster	S3S4		
<i>Thaspium trifoliatum</i>	Purple Meadow Parsnip	S1	E	
<i>Trichophorum planifolium</i> ^h	Bashful Bulrush	S2S3		
<i>Trichostema brachiatum</i>	Glade Bluecurls	S3		
<i>Trillium cernuum</i>	Northern Nodding Trillium	S3		
<i>Triosteum angustifolium</i>	Yellowleaf Tinker's-weed	S1	E	
<i>Valeriana pauciflora</i>	Valerian	S1	E	
<i>Valerianella umbilicata</i> ?	Navel-shaped Corn-salad	SH	X	
<i>Veratrum hybridum</i>	Broadleaf Bunchflower	S1	E	
<i>Veratrum virginicum</i>	Virginia Bunchflower	S3		
<i>Vernonia gigantea</i> ^h	Giant Ironweed	SU		
<i>Veronica scutellata</i>	Marsh Speedwell	S1	E	
<i>Zanthoxylum americanum</i> ^h	Northern Prickly-ash	S1S2	E	
<i>Zizia aurea</i>	Golden Alexanders	S3		