

List of Rare, Threatened, and Endangered Species of Anne Arundel County

November 2021



Larry Hogan, Governor
Boyd Rutherford, Lt. Governor
Jeannie Haddaway-Riccio, Secretary



Wildlife & Heritage Service

Natural Heritage Program
Tawes State Office Building, E-1
580 Taylor Avenue
Annapolis, MD 21401
410-260-8540
Fax 410-260-8596
dnr.maryland.gov/wildlife

Additional Telephone Contact Information:
Toll free in Maryland: 877-620-8DNR ext. 8540 OR
Individual unit/program toll-free number
Out of state call: 410-260-8540
Text Telephone (TTY) users call via the Maryland Relay

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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>Alasmidonta undulata</i>	Triangle Floater	S1S2	T	
<i>Ambystoma tigrinum</i>	Eastern Tiger Salamander	S1	E	
<i>Botaurus lentiginosus</i>	American Bittern	S1B	T	
<i>Celithemis martha</i>	Martha's Pennant	S1		
<i>Celithemis ornata</i>	Faded Pennant	SH		
	Northern Barrens Tiger			
<i>Cicindela patruela</i>	Beetle	S1	E	
<i>Cistothorus platensis</i>	Sedge Wren	S1B	E	
<i>Ellipsoptera puritana</i>	Puritan Tiger Beetle	S1S2	E	LT
<i>Elliptio lanceolata</i>	Yellow Lance	S1	T	LT
<i>Enneacanthus obesus</i>	Banded Sunfish	S3S4		
<i>Epitheca costalis</i>	Slender Baskettail	S1		
<i>Erythrodiplax minuscula</i>	Little Blue Dragonlet	S1		
<i>Etheostoma vitreum</i>	Glassy Darter	S2	T	
<i>Falco peregrinus anatum</i>	American Peregrine Falcon	S2B	I	
<i>Fundulus luciae</i>	Spotfin Killifish	SU		
<i>Gallinula galeata</i>	Common Gallinule	S2S3B	I	
<i>Gomphaeschna antilope</i>	Taper-tailed Darner	S2		
<i>Graptemys geographica</i>	Northern Map Turtle	S1	E*	
<i>Haliaeetus leucocephalus</i>	Bald Eagle	S3S4		
<i>Helocordulia selysii</i>	Selys' Sundragon	S2	T	
<i>Hydrochara occultus</i>	A Hydrophilid Beetle	SU		
<i>Ixobrychus exilis</i>	Least Bittern	S2S3B	I	
<i>Ladona exusta</i>	White Corporal	S1	E	
<i>Laterallus jamaicensis</i>	Black Rail	S1	E	LT
<i>Lethenteron appendix</i>	American Brook Lamprey	S2	T	
<i>Libellula flavida</i>	Yellow-sided Skimmer	S2S3		
<i>Meropleon titan</i>	An Owlet Moth	S2S4		
<i>Nannothemis bella</i>	Elfin Skimmer	S1	E	
<i>Nehalennia gracilis</i>	Sphagnum Sprite	S2		
<i>Nehalennia integricollis</i>	Southern Sprite	S1S2		
<i>Nerodia erythrogaster</i>	Plain-bellied Watersnake	S2S3		
<i>Ophiogomphus incurvatus incurvatus</i>	Appalachian Snaketail	S1	E	
<i>Percina notogramma</i>	Stripeback Darter	S1	E	
<i>Peucaea aestivalis</i>	Bachman's Sparrow	SHB	X	
<i>Pituophis melanoleucus</i>	Northern Pinesnake	SH		
<i>Podilymbus podiceps</i>	Pied-billed Grebe	S2S3B		
<i>Porzana carolina</i>	Sora	S2B		
<i>Somatochlora provocans</i>	Treetop Emerald	S1	E	
<i>Sorex longirostris</i>	Southeastern Shrew	S3S4		
<i>Sperchopsis tessellatus</i>	A Hydrophilid Beetle	S2		
<i>Stenogomphurus rogersi</i>	Sable Clubtail	S2	I	

SCIENTIFIC NAME	COMMON NAME	STATE RANK	STATE STATUS	FEDERAL STATUS
<i>Sternula antillarum</i>	Least Tern	S2B	T	
<i>Stygobromus indentatus</i>	Tidewater Amphipod	S1		
<i>Stygobromus tenuis potomacus</i>	Potomac Amphipod	S3		
<i>Stygobromus tenuis tenuis</i>	Slender Amphipod	SU		
<i>Stylurus laurae</i>	Laura's Clubtail	S2S3		
<i>Tachopteryx thoreyi</i>	Gray Petaltail	S3		
<i>Telegonus cellus</i>	Golden-banded Skipper	SH	X	

Plants

<i>Agalinis setacea</i> ^h	Threadleaf Gerardia	S2	E	
<i>Agrimonia microcarpa</i> ^h	Small-fruited Agrimony	S1?		
<i>Amianthium muscitoxicum</i>	Fly-poison	S2		
<i>Antennaria solitaria</i>	Single-head Pussytoes	S2	T	
<i>Aralia racemosa</i> ^h	American Spikenard	S2S4		
<i>Aristida lanosa</i> [?]	Woolly Three-awn	S1	E	
<i>Arnica acaulis</i> ^h	Leopard's-bane	S1	E	
<i>Aronia x prunifolia</i>	Purple Chokeberry	S3		
<i>Arundinaria tecta</i>	Switch Cane	S2		
<i>Bartonia paniculata</i>	Twining Screwstem	S3		
<i>Bidens mitis</i>	Small-fruit Beggarsticks	S1	E	
<i>Bidens trichosperma</i>	Tickseed Sunflower	S3S4		
<i>Botrychium matricariifolium</i>	Chamomile Grapefern	S1?		
<i>Cardamine douglassii</i> ^h	Purple Cress	S3		
<i>Carex barrattii</i>	Barratt's Sedge	S3		
<i>Carex bullata</i>	Button Sedge	S3		
<i>Carex cristatella</i>	Crested Sedge	S1?		
<i>Carex exilis</i>	Coast Sedge	S1	E	
<i>Carex hyalinolepis</i>	Shoreline Sedge	S2S3		
<i>Carex louisianica</i> ^h	Louisiana Sedge	S3		
<i>Carex lupuliformis</i>	False Hop Sedge	S2		
<i>Carex pellita</i>	Wooly Sedge	S2?		
<i>Carex straminea</i>	Bur-reed Sedge	S3		
<i>Carex sparganioides</i>	Eastern Straw Sedge	S1S2		
<i>Carex striatula</i>	Lined Sedge	S3		
<i>Carex vestita</i>	Velvety Sedge	S2	T	
<i>Castanea dentata</i>	American Chestnut	S2S3		
<i>Centrosema virginianum</i>	Coastal Butterfly Pea	S2		
<i>Chamaecyparis thyoides</i>	Atlantic White Cedar	S3		
<i>Chamaedaphne calyculata</i>	Leatherleaf	S1	T	
<i>Chelone obliqua</i>	Red Turtlehead	S2	T	
<i>Calystegia spithamea</i> ssp. <i>spithamea</i> ^{h?}	Low Bindweed	S2		
<i>Corallorhiza wisteriana</i>	Spring Coralroot	S1	E	
<i>Coreopsis verticillata</i>	Whorled Coreopsis	S3		
<i>Crocianthemum bicknellii</i> ^h	Plains Frostweed	S1	E	

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<i>Cuscuta coryli</i> ^h	Hazel Dodder	S1		
<i>Cuscuta indecora</i> ^h	Bigseed Dodder	S2?		
<i>Cuscuta polygonorum</i>	Smartweed Dodder	S1	E	
<i>Cyperus lancastricensis</i>	Many-flowered Umbrella-sedge	S2S3		
<i>Cyperus refractus</i> ^h	Reflexed Flatsedge	S2?		
<i>Desmodium canadense</i> [?]	Showy Tick-trefoil	SH		
<i>Desmodium laevigatum</i> ^h	Smooth Tick-trefoil	S3		
<i>Desmodium strictum</i> ^h	Pineland Tick-trefoil	S1	E	
<i>Dichanthelium leucothrix</i> [?]	Roughish Witchgrass	SU		
<i>Diphasiastrum tristachyum</i>	Deep-root Clubmoss	S3		
<i>Drosera rotundifolia</i>	Roundleaf Sundew	S3		
<i>Dryopteris celsa</i>	Log Fern	S3		
<i>Eleocharis albida</i> ^h	White Spikerush	S2S3		
<i>Eleocharis rostellata</i>	Beaked Spikerush	S2?		
<i>Eriocaulon aquaticum</i> ^h	Seven-angle Pipewort	S1	E	
<i>Eriocaulon decangulare</i> ^h	Ten-angle Pipewort	S1		
<i>Eriophorum virginicum</i>	Tawny Cottongrass	S3		
<i>Eupatorium altissimum</i>	Tall Boneset	S3		
<i>Festuca paradoxa</i> [?]	Cluster Fescue	S1?		
<i>Galactia volubilis</i>	Downy Milkpea	S3		
<i>Gaylussacia brachycera</i>	Box Huckleberry	S1	E	
<i>Gaylussacia dumosa</i> ^h	Dwarf Huckleberry	S1	E	
<i>Gentiana villosa</i> ^h	Striped Gentian	S1	E	
<i>Gratiola viscidula</i>	Short's Hedge-hyssop	S1	E	
<i>Helonias bullata</i>	Swamp Pink	S2	E	LT
<i>Hexalectris spicata</i> ^h	Crested Coralroot	S1	E	
<i>Homalosorus pycnocarpus</i>	Glade Fern	S2	T	
<i>Hudsonia ericoides</i>	Golden Heather	S1	E	
<i>Hylodesmum pauciflorum</i>	Few-flowered Tick-trefoil	S2	E	
<i>Ilex decidua</i>	Deciduous Holly	S2		
<i>Iris verna</i>	Dwarf Iris	S1	E	
<i>Juncus caesariensis</i> ^h	New Jersey Rush	S1	E	
<i>Juncus longii</i>	Long's Rush	S1	E	
<i>Juncus pelocarpus</i>	Brown-fruit Rush	S1	E	
<i>Kalmia angustifolia</i>	Sheep Laurel	S3S4		
<i>Krigia dandelion</i> ^h	Potato Dwarf-dandelion	S2S3		
<i>Lechea maritima</i>	Virginian Beach Pinweed	S3		
<i>Lechea tenuifolia</i> ^h	Slender Pinweed	SH	X	
<i>Lespedeza stuevei</i>	Silky Lespedeza	S3		
<i>Liparis liliifolia</i> ^h	Large Twayblade	S3		
<i>Lupinus perennis</i>	Sundial Lupine	S2	T	
<i>Lygodium palmatum</i>	Climbing Fern	S2	T	
<i>Lysimachia lanceolata</i>	Lanceleaf Loosestrife	S3		
<i>Matelea carolinensis</i>	Carolina Anglepod	S2S3	T	

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<i>Matelea obliqua</i> ^h	Climbing Milkweed	S1S2	E	
<i>Monotropsis odorata</i> ^h	Sweet Pinesap	S1	E	
<i>Myosotis verna</i>	Spring Forget-me-not	S3		
<i>Nymphoides aquatica</i> ^h	Big Floatingheart	S1	E	
<i>Oldenlandia uniflora</i>	Clustered Bluets	S3		
<i>Orbexilum psoralioides</i> [?]	False Scurfpea	SX		
<i>Orthilia secunda</i> [?]	One-side Wintergreen	SH	X	
<i>Persicaria robustior</i> ^h	Stout Smartweed	SU		
<i>Persicaria setacea</i> [?]	Swamp Smartweed	SU		
<i>Physalis virginiana</i> ^h	Virginia Ground-cherry	S3		
<i>Pilea fontana</i>	Springs Clearweed	S3		
<i>Platanthera blephariglottis</i> var. <i>blephariglottis</i>	White Fringed Orchid	S2	T	
<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>Pluchea camphorata</i> ^h	Marsh Fleabane	S2	E	
<i>Pogonia ophioglossoides</i>	Rose Pogonia	S3		
<i>Polanisia dodecandra</i> [?]	Common Clammyweed	S1	E	
<i>Polygala incarnata</i> ^h	Pink Milkwort	S2S3		
<i>Polygala senega</i>	Seneca Snakeroot	S2	T	
<i>Potamogeton foliosus</i> [?]	Leafy Pondweed	S2		
<i>Potamogeton perfoliatus</i>	Claspingleaf Pondweed	S3		
<i>Potamogeton pusillus</i>	Slender Pondweed	S2S4		
<i>Prunus maritima</i>	Beach Plum	S1	E	
<i>Quercus macrocarpa</i>	Bur Oak	S1S2		
<i>Ranunculus ambigens</i> ^h	Water-plantain Spearwort	S1		
<i>Ranunculus flabellaris</i>	Yellow Water Crowfoot	S1	E	
<i>Rhynchosia tomentosa</i>	Hairy Snoutbean	S2	T	
<i>Rhynchospora alba</i>	White Beakrush	S3		
<i>Rhynchospora cephalantha</i> [?]	Capitate Beakrush	S1	E	
<i>Rhynchospora globularis</i> [?]	Globe Beakrush	S1	E	
<i>Sabatia dodecandra</i>	Large Marsh Pink	S3		
<i>Sagittaria spatulata</i>	Spongy Arrowhead	S2		
<i>Salix occidentalis</i> ^h	Dwarf Prairie Willow	S2		
<i>Sarracenia purpurea</i>	Northern Pitcherplant	S2	T	
<i>Schoenoplectus subterminalis</i> ^h	Water Bulrush	S1	E	
<i>Schwalbea americana</i> [?]	Chaffseed	SX	X	LE
<i>Scleria muehlenbergii</i>	Muehlenberg's Nutrush	S1S2		
<i>Scleria triglomerata</i>	Whip Nutrush	S3		
<i>Scrophularia lanceolata</i>	Hare Figwort	S3		
<i>Smilax pseudochina</i> ^h	Long-stalk Greenbrier	S2	T	
<i>Solidago speciosa</i> ^h	Showy Goldenrod	S2	T	
<i>Sparganium androcladum</i> [?]	Branching Bur-reed	SU		
<i>Stachys hyssopifolia</i>	Hyssopleaf Hedge-nettle	S1		

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<i>Stenanthium gramineum</i>	Eastern Featherbells	S1	T	
<i>Symphotrichum concolor</i> ^h	Eastern Silvery Aster	S1	E	
<i>Thaspium trifoliatum</i> [?]	Purple Meadow-parsnip	S1	E	
<i>Thelypteris simulata</i>	Bog Fern	S2	T	
<i>Thyrsanthella difformis</i> ^h	Climbing Dogbane	S1	E	
<i>Torreyochloa pallida var. pallida</i> ^h	Pale Mannagrass	S3		
<i>Triosteum angustifolium</i> ^h	Yellowleaf Tinker's-weed	S1	E	
<i>Typha domingensis</i>	Southern Cattail	S3		
<i>Utricularia cornuta</i> ^h	Horned Bladderwort	S1		
<i>Utricularia inflata</i>	Swollen Bladderwort	S2		
<i>Utricularia striata</i> [?]	Fibrous Bladderwort	S1	E	
<i>Utricularia subulata</i>	Zigzag Bladderwort	S3		
<i>Vaccinium macrocarpon</i>	Large Cranberry	S3		