

List of Rare, Threatened, and Endangered Species of Caroline 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>Acantharchus pomotis</i> | Mud Sunfish | S3 | | |
| <i>Alasmidonta heterodon</i> | Dwarf Wedgemussel | S1 | E | LE |
| <i>Alasmidonta undulata</i> | Triangle Floater | S1S2 | T | |
| <i>Ambystoma tigrinum</i> | Eastern Tiger Salamander | S1 | E | |
| <i>Atlides halesus</i> | Great Purple Hairstreak | S2S3 | | |
| <i>Callophrys irus</i> | Frosted Elfin | S1 | E | |
| <i>Calopteryx dimidiata</i> | Sparkling Jewelwing | S2 | | |
| <i>Centronyx henslowii</i> | Henslow's Sparrow | S2B | I | |
| <i>Dryophytes gratiosus</i> | Barking Treefrog | S1 | E | |
| <i>Enallagma weewa</i> | Blackwater Bluet | S2 | | |
| <i>Enneacanthus chaetodon</i> | Blackbanded Sunfish | S1 | E | |
| <i>Enneacanthus obesus</i> | Banded Sunfish | S3S4 | | |
| <i>Etheostoma fusiforme</i> | Swamp Darter | S3 | | |
| <i>Etheostoma vitreum</i> | Glassy Darter | S2 | T | |
| <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>Lithobates virgatipes</i> | Carpenter Frog | S3 | | |
| <i>Nannothemis bella</i> | Elfin Skimmer | S1 | E | |
| <i>Nehalennia gracilis</i> | Sphagnum Sprite | S2 | | |
| <i>Notropis chalybaeus</i> | Ironcolor Shiner | S1 | E | |
| <i>Strophitus undulatus</i> | Creeper | S2S3 | I | |
| Plants | | | | |
| <i>Agalinis setacea</i> | Threadleaf Gerardia | S2 | E | |
| <i>Agrimonia microcarpa</i> | Small-fruited Agrimony | S1? | | |
| <i>Antennaria solitaria</i> | Single-head Pussytoes | S2 | T | |
| <i>Asclepias rubra</i> ^h | Red Milkweed | S1 | E | |
| <i>Bidens trichosperma</i> ^{h?} | Tickseed Sunflower | S3S4 | | |
| <i>Boltonia asteroides var. glastifolia</i> | White Doll's-daisy | S1 | E | |
| <i>Carex barrattii</i> | Barratt's Sedge | S3 | | |
| <i>Carex bullata</i> | Button Sedge | S3 | | |
| <i>Carex gigantea</i> | Giant Sedge | S3 | | |
| <i>Carex jorii</i> | Joor's Sedge | S3 | | |
| <i>Carex louisianica</i> | Louisiana Sedge | S3 | | |
| <i>Carex lupuliformis</i> | False Hop Sedge | S2 | | |
| <i>Carex pellita</i> | Wooly Sedge | S2? | | |
| <i>Carex straminea</i> | Eastern Straw Sedge | S1S2 | | |
| <i>Carex striatula</i> | Lined Sedge | S3 | | |
| <i>Carex venusta</i> | Dark Green Sedge | S3S4 | | |
| <i>Carex vesicaria</i> | Inflated Sedge | S1 | T | |
| <i>Carex vestita</i> | Velvety Sedge | S2 | T | |
| <i>Castanea dentata</i> | American Chestnut | S2S3 | | |

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|--|-------------------------------|------------|--------------|----------------|
| <i>Centrosema virginianum</i> | Coastal Butterfly Pea | S2 | | |
| <i>Ceratophyllum echinatum</i> | Prickly Hornwort | S2? | | |
| <i>Chimaphila umbellata</i> | Common Wintergreen | S3 | | |
| <i>Cirsium horridulum</i> | Yellow Thistle | S3 | | |
| <i>Commelina erecta</i> | Erect Dayflower | S3 | | |
| <i>Coreopsis rosea</i> | Rose Coreopsis | S1 | E | |
| <i>Cyperus hystericinus</i> | Flatsedge | S2 | | |
| <i>Cyperus lancastricensis</i> | Many-flowered Umbrella-sedge | S2S3 | | |
| <i>Cyperus refractus</i> | Reflexed Flatsedge | S2? | | |
| <i>Desmodium laevigatum</i> | Smooth Tick-trefoil | S3 | | |
| <i>Desmodium nuttallii</i> | Nuttall's Tick-trefoil | S1? | | |
| <i>Desmodium ochroleucum</i> ^h | Cream Tick-trefoil | S1 | E | |
| <i>Dichantherium oligosanthes</i> var. <i>oligosanthes</i> | Few-flowered Witchgrass | S2S3 | | |
| <i>Diphasiastrum tristachyum</i> | Deep-root Clubmoss | S3 | | |
| <i>Drosera capillaris</i> | Pink Sundew | S1 | E | |
| <i>Dryopteris celsa</i> | Log Fern | S3 | | |
| <i>Dryopteris clintoniana</i> | Clinton's Woodfern | S1 | E | |
| <i>Echinodorus cordifolius</i> | Creeping Burhead | S1 | E | |
| <i>Elatine americana</i> | American Waterwort | SU | | |
| <i>Eleocharis melanocarpa</i> | Black-fruit Spikerush | S1 | E | |
| <i>Eleocharis tortilis</i> | Twisted Spikerush | S3 | | |
| <i>Eleocharis tricostata</i> | Three-angle Spikerush | S1 | E | |
| <i>Eragrostis refracta</i> | Meadow Lovegrass | S3S4 | | |
| <i>Eriocaulon parkeri</i> | Parker's Pipewort | S2 | T | |
| <i>Fimbristylis perpusilla</i> | Harper's Fimbristylis | S2 | E | |
| <i>Fraxinus nigra</i> | Black Ash | S3 | | |
| <i>Galactia volubilis</i> | Downy Milkpea | S3 | | |
| <i>Gentiana villosa</i> | Striped Gentian | S1 | E | |
| <i>Glyceria acutiflora</i> | Sharp-scaled Mannagrass | S1 | E | |
| <i>Hemianthus micranthemoides</i> ^h | Nuttall's Micranthemum | SX | X | |
| <i>Hottonia inflata</i> | Featherfoil | S1 | E | |
| <i>Hypericum adpressum</i> | Creeping St. John's-wort | S1 | E | |
| <i>Hypericum denticulatum</i> | Coppery St. John's-wort | S2 | T | |
| <i>Hypericum gymnanthum</i> | Clasping-leaf St. John's-wort | S3 | | |
| <i>Ilex decidua</i> | Deciduous Holly | S2 | | |
| <i>Iris prismatica</i> | Slender Blueflag | S2 | E | |
| <i>Isoetes engelmannii</i> | Engelmann's Quillwort | G4 | S3 | |
| <i>Isoetes riparia</i> | Riverbank Quillwort | G5 | SU | |
| <i>Kalmia angustifolia</i> | Sheep Laurel | S3S4 | | |
| <i>Lespedeza stuevei</i> | Silky Lespedeza | S3 | | |
| <i>Ludwigia decurrens</i> ^h | Primrose-willow | S2S3 | | |
| <i>Lupinus perennis</i> | Sundial Lupine | S2 | T | |
| <i>Lysimachia hybrida</i> | Lowland Loosestrife | S2 | T | |
| <i>Malus angustifolia</i> | Southern Crabapple | S3 | | |
| <i>Matelea carolinensis</i> | Carolina Anglepod | S2S3 | T | |

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| <i>Muhlenbergia torreyana</i> | Torrey's Dropseed | S1 | E | |
| <i>Myosotis verna</i> | Spring Forget-me-not | S3 | | |
| <i>Nymphoides aquatica</i> | Big Floatingheart | S1 | E | |
| <i>Oldenlandia uniflora</i> | Clustered Bluets | S3 | | |
| <i>Panax quinquefolius</i> | American Ginseng | S2S3 | | |
| <i>Panicum hemitomon</i> | Maidencane | S3 | | |
| <i>Panicum philadelphicum</i> ^h | Philadelphia Panicgrass | SU | | |
| <i>Paspalum dissectum</i> | Walter's Paspalum | S2 | T | |
| <i>Phaseolus polystachios</i> [?] | Wild Kidney Bean | S3 | | |
| <i>Platanthera blephariglottis</i> var. <i>blephariglottis</i> | White Fringed Orchid | S2 | T | |
| <i>Platanthera cristata</i> | Crested Yellow Orchid | S3 | | |
| <i>Platanthera flava</i> | Pale Green Orchid | S2S3 | | |
| <i>Pogonia ophioglossoides</i> | Rose Pogonia | S3 | | |
| <i>Polygala cruciata</i> ^h | Crossleaf Milkwort | S2 | T | |
| <i>Polygala incarnata</i> ^h | Pink Milkwort | S2S3 | | |
| <i>Potamogeton pusillus</i> ^h | Slender Pondweed | S2S4 | | |
| <i>Ranunculus ambigens</i> | Water-plantain Spearwort | S1 | | |
| <i>Ranunculus pusillus</i> | Pursh's Buttercup | SU | | |
| <i>Rhynchosia tomentosa</i> | Hairy Snoutbean | S2 | T | |
| <i>Rhynchospora microcephala</i> | Small-headed Beakrush | S2 | | |
| <i>Rhynchospora scirpoides</i> | Long-beaked Baldrush | S2 | T | |
| <i>Rhynchospora torreyana</i> | Torrey's Beakrush | S2 | T | |
| <i>Saccharum contortum</i> | Bent-awn Plume Grass | S3S4 | | |
| <i>Sagittaria engelmanniana</i> | Engelmann's Arrowhead | S2 | T | |
| <i>Sagittaria graminea</i> | Grassleaf Arrowhead | SU | | |
| <i>Sagittaria subulata</i> | Strap-leaf Arrowhead | SU | | |
| <i>Schoenoplectus novae-angliae</i> | Salt-marsh Bulrush | S2 | | |
| <i>Scleria minor</i> | Slender Nutrush | S1 | E | |
| <i>Scleria reticularis</i> | Reticulated Nutrush | S2S3 | | |
| <i>Scleria triglomerata</i> (including <i>S. nitida</i>) | Whip Nutrush | G5 | S3 | |
| <i>Sclerolepis uniflora</i> [?] | One-flower Sclerolepis | S2 | T | |
| <i>Sisyrinchium arenicola</i> | Sandyland Blue-eyed Grass | S1 | E | |
| <i>Smilax pseudochina</i> | Long-stalk Greenbrier | S2 | T | |
| <i>Solidago latissimifolia</i> ^h | Elliott's Goldenrod | S3 | | |
| <i>Sparganium androcladum</i> | Branching Bur-reed | SU | | |
| <i>Sphenopholis pensylvanica</i> | Swamp Wedgescale | S2 | T | |
| <i>Sporobolus clandestinus</i> | Rough Dropseed | S2 | | |
| <i>Stachys aspera</i> | Gritty Hedge-nettle | S1 | E | |
| <i>Tephrosia spicata</i> | Spiked Hoary-pea | S1S2 | E | |
| <i>Thelypteris simulata</i> | Bog Fern | S2 | T | |
| <i>Thyrsanthella difformis</i> | Climbing Dogbane | S1 | E | |
| <i>Torreyochloa pallida</i> var. <i>pallida</i> | Pale Mannagrass | S3 | | |
| <i>Utricularia purpurea</i> | Purple Bladderwort | S1 | T | |
| <i>Utricularia striata</i> | Fibrous Bladderwort | S1 | E | |

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| <i>Utricularia subulata</i> | Zigzag Bladderwort | S3 | | |
| <i>Veratrum virginicum</i> | Virginia Bunchflower | S3 | | |
| <i>Xyris smalliana</i> | Small's Yellow-eyed-grass | S1 | E | |