

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

February 2018



Maryland Wildlife and Heritage Service
Natural Heritage Program



Larry Hogan, Governor
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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. 2016. List of Rare, Threatened, and Endangered Plants of Maryland](#) DNR 03-010418-42 and

[Maryland Natural Heritage Program. 2016. Rare, Threatened, and Endangered Plants of Maryland](#) DNR 03-010418-43 and

[Maryland Natural Heritage Program. 2016. List of Rare, Threatened, and Endangered Animals of Maryland](#) DNR 03-1272016-633

Please refer to these for important information including 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} ^I	Record for the county is the result of an introduction.

SCIENTIFIC NAME	COMMON NAME	GLOBAL RANK	STATE RANK	STATE STATUS	FEDERAL STATUS
Animals					
<i>Acipenser brevirostrum</i>	Shortnose Sturgeon	G3	S1	E	LE
<i>Ameiurus catus</i>	White Catfish	G5	SU		
<i>Cryptobranchus alleganiensis</i>	Eastern Hellbender	G3G4	S1	E	
<i>Glyptemys muhlenbergii</i>	Bog Turtle	G3	S2	T	LT
<i>Graptemys geographica</i>	Northern Map Turtle	G5	S1	E*	
<i>Haliaeetus leucocephalus</i>	Bald Eagle	G5	S3S4		
<i>Ixobrychus exilis</i>	Least Bittern	G5	S2S3B	I	
<i>Percina bimaculata</i>	Chesapeake Logperch	G1G2	S1S2	T	
<i>Percopsis omiscomaycus</i>	Trout-perch	G5	SX	X	
<i>Sciurus niger cinereus</i>	Delmarva Fox Squirrel	G5T3	S1	I	
<i>Caecidotea pricei</i>	Price's Cave Isopod	G5	S3		
<i>Cicindela puritana</i>	Puritan Tiger Beetle	G1G2	S1S2	E	LT
<i>Lampsilis radiata</i>	Eastern Lampmussel	G5	SU		
<i>Leptodea ochracea</i>	Tidewater Mucket	G3G4	S1S2		
<i>Speyeria idalia</i>	Regal Fritillary	G3	SH	X	
<i>Strophitus undulatus</i>	Creeper	G5	S2	I	
<i>Stygobromus pizzinii</i>	Pizzini's Cave Amphipod	G3G4	S1		
<i>Stygobromus tenuis tenuis</i>	Slender Amphipod	G4T4	SU		
Plants					
<i>Agrimonia microcarpa</i> ^h	Small-fruited Agrimony	G5	S1?		
<i>Agrimonia striata</i> ^h	Woodland Agrimony	G5	S1	E	
<i>Amianthium muscitoxicum</i>	Fly-poison	G4G5	S2		
<i>Ammannia latifolia</i> ^h	Koehne Ammannia	G5	S2		
<i>Anaphalis margaritacea</i> ^h	Pearly Everlasting	G5	S3		
<i>Antennaria solitaria</i>	Single-head Pussytoes	G5	S2	T	
<i>Aronia x prunifolia</i>	Purple Chokeberry	GNA	S3		
<i>Asclepias purpurascens</i>	Purple Milkweed	G5?	S2		
<i>Asclepias verticillata</i>	Whorled Milkweed	G5	S3		
<i>Asplenium pinnatifidum</i> ^h	Lobed Spleenwort	G4	S1	E	
<i>Aureolaria flava</i>	Smooth Yellow False Foxglove	G5	S3		
<i>Bartonia paniculata</i>	Twining Screwstem	G5	S3		
<i>Betula populifolia</i>	Gray Birch	G5	S1?		
<i>Bidens bidentoides</i>	Maryland Bur-marigold	G3G4	S3.1		
<i>Borodinia dentata</i>	Short's Rockcress	G5	S3		
<i>Bromus latiglumis</i>	Broad-glumed Brome	G5	S1	E	
<i>Buchnera americana</i> ^h	Bluehearts	G5?	SH	X	
<i>Campanula rotundifolia</i>	American Harebell	G5	S2		
<i>Cardamine douglassii</i>	Purple Cress	G5	S3		
<i>Cardamine longii</i> ^h	Long's Bittercress	G3?	S2	E	
<i>Carex albursina</i>	White Bear Sedge	G5	S3		
<i>Carex bullata</i>	Button Sedge	G5	S3		
<i>Carex buxbaumii</i>	Buxbaum's Sedge	G5	S2	T	

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<i>Carex conoidea</i>	Field Sedge	G5	S1	E	
<i>Carex cristatella</i>	Crested Sedge	G5	S1?		
<i>Carex echinata</i>	Prickly Sedge	G5	S3		
<i>Carex hirtifolia</i>	Pubescent Sedge	G5	S3		
<i>Carex hitchcockiana</i>	Hitchcock's Sedge	G5	S1	E	
<i>Carex hystericina</i>	Porcupine Sedge	G5	S1	E	
<i>Carex interior</i>	Inland Sedge	G5	S1		
<i>Carex lacustris</i>	Lake-bank Sedge	G5	S2		
<i>Carex lucorum</i>	Blue Ridge Sedge	G5	S1		
<i>Carex lupuliformis</i>	False Hop Sedge	G4	S2		
<i>Carex pellita</i>	Wooly Sedge	G5	S2?		
<i>Carex planispicata</i>	Flat-spiked Sedge	G4Q	S1S2		
<i>Carex polymorpha</i> ^h	Variable Sedge	G3	SH	X	
<i>Carex richardsonii</i>	Richardson's Sedge	G5	S1	E	
<i>Carex shortiana</i>	Short's Sedge	G5	S3S4	E	
<i>Carex sparganioides</i>	Bur-reed Sedge	G5	S1S2		
<i>Carex striatula</i>	Lined Sedge	G4G5	S3		
<i>Carex tenera</i> ^h	Slender Sedge	G5	SH	X	
<i>Carex tetanica</i> var. <i>canbyi</i>	Rigid Sedge	G4G5 T1T2Q	S1	E	
<i>Carex vestita</i>	Velvety Sedge	G5	S2	T	
<i>Castilleja coccinea</i> ^h	Scarlet Indian-paintbrush	G5	S1	E	
<i>Cerastium velutinum</i> var. <i>villosissimum</i>	Octoraro Creek Chickweed	G5T1	S1		
<i>Chamaelirium luteum</i>	Devil's-bit	G5	S2		
<i>Chenopodium standleyanum</i> ^h	Standley's Goosefoot	G5	S2S3	E	
<i>Cicuta bulbifera</i>	Bulb-bearing Water-hemlock	G5	S1	E	
<i>Cirsium horridulum</i>	Yellow Thistle	G5	S3		
<i>Cirsium muticum</i>	Swamp Thistle	G5	S3		
<i>Clematis occidentalis</i> ^h	Purple Clematis	G5	S1	E	
<i>Coreopsis tripteris</i> ^h	Tall Tickseed	G5	S1	E	
<i>Crocanthemum bicknellii</i>	Plains Frostweed	G5	S1	E	
<i>Cuscuta coryli</i> [?]	Hazel Dodder	G5?	S1	X	
<i>Cyperus dentatus</i> ^h	Toothed Sedge	G4	SH	X	
<i>Cyperus hystricinus</i>	Flatsedge	G4	S2		
<i>Cyperus lancastricensis</i>	Many-flowered Umbrella-sedge	G5	SU		
<i>Cyperus refractus</i> ^h	Reflexed Flatsedge	G5	S2?		
<i>Cypripedium parviflorum</i> var. <i>pubescens</i>	Large Yellow Lady's-slipper	G5T5	S3		
<i>Deschampsia cespitosa</i>	Tufted Hairgrass	G5	S1	E	
<i>Desmodium laevigatum</i>	Smooth Tick-trefoil	G5	S3		
<i>Desmodium obtusum</i>	Stiff Tick-trefoil	GNRQ	S1	E	
<i>Desmodium sessilifolium</i> ^h	Sessile-leaf Tick-trefoil	G5	SH	X	
<i>Dichanthelium oligosanthes</i> var. <i>scribnerianum</i>	Scribner's Witchgrass	G5T5	S2		

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<i>Diphasiastrum tristachyum</i>	Deep-root Clubmoss	G5	S3		
<i>Dirca palustris</i>	Eastern Leatherwood	G4	S2	T	
<i>Drosera rotundifolia</i>	Roundleaf Sundew	G5	S3		
<i>Dryopteris celsa</i>	Log Fern	G4	S3		
<i>Dryopteris goldiana</i>	Goldie's Fern	G4G5	S2		
<i>Elatine americana</i>	American Waterwort	G4	SU		
<i>Elatine minima</i>	Small Waterwort	G5	S1?	E	
<i>Eleocharis compressa</i>	Flat-stem Spikerush	G4	S1	E	
<i>Eleocharis engelmannii</i>	Engelmann's Spikerush	G4G5	S3		
<i>Eleocharis erythropoda</i> ^h	Bald Spikerush	G5	SU		
<i>Eleocharis melanocarpa</i>	Black-fruit Spikerush	G4	S1	E	
<i>Epilobium strictum</i> ^h	Downy Willowherb	G5	S1	E	
<i>Equisetum fluviatile</i>	Water Horsetail	G5	S1	E	
<i>Erigenia bulbosa</i>	Harbinger-of-spring	G5	S3		
<i>Eriocaulon parkeri</i>	Parker's Pipewort	G3	S2	T	
<i>Erythronium albidum</i> ^h	White Trout Lily	G5	S2	T	
<i>Eupatorium altissimum</i>	Tall Boneset	G5	S3		
<i>Euphorbia purpurea</i>	Glade Spurge	G3	S1	E	
<i>Eurybia radula</i>	Rough Wood Aster	G5	S1	E	
<i>Festuca paradoxa</i> ^h	Cluster Fescue	G5	S1?		
<i>Fimbristylis annua</i>	Annual Fimbry	G5	S3		
<i>Fraxinus nigra</i> ^h	Black Ash	G5	S3		
<i>Galium boreale</i>	Northern Bedstraw	G5	S1	E	
<i>Gentiana andrewsii</i> ^h	Fringe-top Bottle Gentian	G5?	S2	T	
<i>Gentiana villosa</i> ^h	Striped Gentian	G4	S1	E	
<i>Gentianopsis crinita</i> ^h	Fringed Gentian	G5	S1	E	
<i>Geum laciniatum</i>	Rough Avens	G5	S3		
<i>Gymnocladus dioica</i> ^l	Kentucky Coffeetree	G5	S1		
<i>Helonias bullata</i>	Swamp Pink	G3	S2	E	LT
<i>Heracleum maximum</i>	Cow-parsnip	G5	S3		
<i>Hibiscus laevis</i>	Halberd-leaf Rosemallow	G5	S3		
<i>Hybanthus concolor</i>	Green Violet	G5	S3		
<i>Hydrastis canadensis</i>	Golden-seal	G3G4	S2	T	
<i>Hylodesmum pauciflorum</i> ^h	Few-flowered Tick-trefoil	G5	S2	E	
<i>Hypericum ellipticum</i> [?]	Pale St. John's-wort	G5	SU		
<i>Iris prismatica</i>	Slender Blueflag	G4G5	S2	E	
<i>Isoetes engelmannii</i>	Engelmann's Quillwort	G4	S3		
<i>Isoetes riparia</i>	Riverbank Quillwort	G5	SU		
<i>Juglans cinerea</i>	Butternut	G4	S2S3		
<i>Juniperus communis</i> ^h	Dwarf Juniper	G5	SH	X	
<i>Kalmia angustifolia</i>	Sheep Laurel	G5	S3S4		
<i>Lathyrus palustris</i>	Vetchling Peavine	G5	S1	E	
<i>Lilium philadelphicum</i> ^h	Wood Lily	G5	SH	X	
<i>Limnobia spongia</i>	American Frog's-bit	G4	S1	E	

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<i>Limosella australis</i>	Mudwort	G4G5	S2	E	
<i>Linum intercursum</i> ^h	Sandplain Flax	G4	S2	T	
<i>Lithospermum latifolium</i>	American Gromwell	G4	S1	E	
<i>Lygodium palmatum</i>	Climbing Fern	G4	S2	T	
<i>Lysimachia lanceolata</i> ^h	Lanceleaf Loosestrife	G5	S3		
<i>Matelea carolinensis</i> ^h	Carolina Anglepod	G4	S2S3	E	
<i>Matteuccia struthiopteris</i>	Ostrich Fern	G5	S2S3		
<i>Minuartia michauxii</i>	Michaux's Stitchwort	G5	S2	T	
<i>Monarda media</i> [?]	Purple Bergamot	G4?	SH		
<i>Morella caroliniensis</i>	Evergreen Bayberry	G5	S1	E	
<i>Muhlenbergia sylvatica</i> ^h	Woodland Muhly	G5	S3		
<i>Myosotis macrosperma</i>	Large-seed Forget-me-not	G5	S3S4		
<i>Panax quinquefolius</i>	American Ginseng	G3G4	S2S3		
<i>Panicum philadelphicum</i> ^h	Philadelphia Panicgrass	G5	SU		
<i>Pedicularis lanceolata</i>	Swamp Lousewort	G5	S1	E	
<i>Persicaria robustior</i> ^h	Stout Smartweed	G4G5	SU	X	
<i>Phaseolus polystachios</i>	Wild Kidney Bean	G5	S3		
<i>Phemeranthus teretifolius</i>	Roundleaf Fameflower	G4	S2	T	
<i>Physalis virginiana</i>	Virginia Ground-cherry	G5	S3		
<i>Pilea fontana</i>	Springs Clearweed	G5	S3		
<i>Platanthera cristata</i>	Crested Yellow Orchid	G5	S3		
<i>Platanthera peramoena</i>	Purple Fringeless Orchid	G5	S1S2	T	
<i>Platanthera psycodes</i> ^h	Small Purple Fringed Orchid	G5	SH	X	
<i>Podostemum ceratophyllum</i>	Threadfoot	G5	S3		
<i>Polygala incarnata</i>	Pink Milkwort	G5	S2S3		
<i>Polygala senega</i> ^h	Seneca Snakeroot	G4G5	S2	T	
<i>Potamogeton amplifolius</i> ^h	Large-leaved Pondweed	G5	S1S2		
<i>Potamogeton perfoliatus</i>	Claspingleaf Pondweed	G5	S3		
<i>Potamogeton pusillus</i>	Slender Pondweed	G5	S2S4		
<i>Potamogeton robbinsii</i> ^h	Flatleaf Pondweed	G5	S1?	X	
<i>Potamogeton zosteriformis</i>	Flatstem Pondweed	G5	S1	E	
<i>Prunus alleghaniensis</i> ^h	Allegheny Plum	G4	S2	T	
<i>Pycnanthemum torreyi</i> [?]	Torrey's Mountainmint	G2	S1	E	
<i>Pycnanthemum verticillatum</i>	Whorled Mountainmint	G5	S1	E	
<i>Pycnanthemum virginianum</i>	Virginia Mountainmint	G5	S2		
<i>Ranunculus ambigens</i> ^h	Water-plantain Spearwort	G4	S1	X	
<i>Ranunculus carolinianus</i> [?]	Carolina Buttercup	G5T5	S1S3	X	
<i>Ranunculus hederaceus</i>	Long-stalked Crowfoot	G5	S1	E	
<i>Rhynchospora alba</i>	White Beakrush	G5	S3		
<i>Rhynchospora recognita</i>	Cymose Beakrush	G5?	S2		
<i>Ruellia strepens</i> ^h	Limestone Wild Petunia	G4G5	S2S3		
<i>Rumex altissimus</i>	Tall Dock	G5	S1	E	
<i>Sabatia dodecandra</i>	Large Marsh Pink	G5?	S3		
<i>Sagittaria graminea</i>	Grassleaf Arrowhead	G5	SU		

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<i>Sagittaria spatulata</i>	Spongy Arrowhead	G5	S2		
<i>Sagittaria subulata</i>	Strap-leaf Arrowhead	G4	SU		
<i>Salix bebbiana</i> ^h	Bebb's Willow	G5	SH	X	
<i>Salix discolor</i> [?]	Pussy Willow	G5	SH		
<i>Salix exigua</i>	Narrowleaf Willow	G5	S1	E	
<i>Salix lucida</i> ^h	Shining Willow	G5	SH	X	
<i>Salix occidentalis</i>	Dwarf Prairie Willow	G5T4T5	S2		
<i>Sanguisorba canadensis</i>	Canada Burnet	G5	S2	T	
<i>Sanicula trifoliata</i>	Large-fruited Sanicle	G4	S3		
<i>Schoenoplectus novae-angliae</i>	Salt-marsh Bulrush	G5	S2		
<i>Scirpus expansus</i>	Woodland Bulrush	G4	S3		
<i>Scleria muehlenbergii</i>	Muhlenberg's Nutrush	G5	S1S2		
<i>Scrophularia lanceolata</i>	Hare Figwort	G5	S3		
<i>Scutellaria galericulata</i>	Hooded Skullcap	G5	S2		
<i>Scutellaria incana</i>	Hoary Skullcap	G5	S3		
<i>Scutellaria leonardii</i>	Shale Barren Skullcap	G4T4	S2	T	
<i>Scutellaria nervosa</i>	Veined Skullcap	G5	S1S2	E	
<i>Scutellaria serrata</i> ^h	Showy Skullcap	G4G5	S3		
<i>Senecio suaveolens</i> ^h	Sweet-scented Indian-plantain	G4	S1	E	
<i>Sida hermaphrodita</i>	Virginia Mallow	G3	S1	E	
<i>Smilax ecirrata</i>	Upright Greenbrier	G5	S1S3		
<i>Smilax pseudochina</i>	Long-stalk Greenbrier	G4G5	S2	T	
<i>Solidago arguta</i> var. <i>arguta</i>	Late Goldenrod	G5T4T5	S1?		
<i>Solidago rigida</i> ^h	Prairie Goldenrod	G5	S1	X	
<i>Sparganium eurycarpum</i>	Giant Bur-reed	G5	S3		
<i>Sphenopholis pensylvanica</i>	Swamp Wedgescale	G4	S2	T	
<i>Spiranthes lucida</i>	Shining Ladies'-tresses	G4	S1	E	
<i>Spiranthes tuberosa</i> ^h	Little Ladies'-tresses	G5	S1?		
<i>Sporobolus clandestinus</i> ^h	Rough Dropseed	G5	S2		
<i>Sporobolus heterolepis</i>	Northern Dropseed	G5	S1	E	
<i>Stachys aspera</i> ^{h?}	Gritty Hedge-nettle	G4?	S1	E	
<i>Stellaria alsine</i>	Trailing Stitchwort	G5	S1	E	
<i>Stenanthium gramineum</i>	Eastern Featherbells	G4G5	S1	T	
<i>Stenanthium leimanthoides</i>	Death-camas	G4Q	S1	E	
<i>Symphotrichum depauperatum</i>	Serpentine Aster	G2	S1	E	
<i>Symphotrichum laeve</i> var. <i>concinnum</i> ^h	Smooth Blue Aster	G5T4	S1?	X	
<i>Thaspium trifoliatum</i> ^h	Purple Meadow Parsnip	G5	S1	E	
<i>Trichophorum planifolium</i>	Bashful Bulrush	G4G5	S2		
<i>Trillium flexipes</i> [?]	Nodding Trillium	G5	S1	E	
<i>Triosteum angustifolium</i>	Yellowleaf Tinker's-weed	G5	S1	E	
<i>Triphora trianthophoros</i> ^h	Nodding Pogonia	G3G4	S1	E	
<i>Valeriana pauciflora</i>	Valerian	G4	S1	E	
<i>Veratrum hybridum</i>	Broadleaf Bunchflower	G5	S1	E	

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<i>Veratrum virginicum</i>	Virginia Bunchflower	G5	S3		