DRAGONFLIES AND DAMSELFLIES OF MARYLAND*

Maryland Department of Natural Resources Wildlife and Heritage Service

February 9, 2003

State		Global	State
Scientific Name	Common Name	Rank	Rank
Status		<u>Italik</u>	Itanix
Aeshna canadensis	Canada darner	G5	S2
Aeshna constricta	Lance-tipped darner	G5	SH
Aeshna eremita	Lake darner	G5	SR
Aeshna mutata	Spring blue darner	G3G4	S1
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Aeshna tuberculifera	Black-tipped darner	G4	S2
Aeshna umbrosa	Shadow darner	G5	S4
Aeshna verticalis	Green-striped darner	G5	S2
Amphiagrion saucium	Eastern red damsel	G5	S3
Anax junius	Common green darner	G5 CE	S5
Anax longipes	Comet darner	G5 G5	S3 S3
Archilestes grandis Argia apicalis	Great spreadwing Blue-fronted dancer	G5 G5	53 54
Argia apicalis Argia bipunctulata	Seepage dancer	G3 G4	54 S3
Argia fumipennis	Variable dancer	G5	S4S5
Argia fumipennis violacea	Variable dancer	G5T5	S4S5
Argia moesta	Powdered dancer	G5	S455 S4
Argia sedula	Blue-ringed dancer	G5	S3
Argia tibialis	Blue-tipped dancer	G5	S4
Argia translata	Dusky dancer	G5	S4
Arigomphus furcifer	Lilypad clubtail	G5	SP
Arigomphus villosipes	Unicorn clubtail	G5	S4
Basiaeschna janata	Springtime darner	G5	S4
Boyeria grafiana	Ocellated darner	G5	S1
Boyeria vinosa	Fawn darner	G5	S4S5
Brachymesia gravida	Four-spotted pennant	G5	S3S4
Calopteryx aequabilis	River jewelwing	G5	S1
Calopteryx amata	Superb jewelwing	G4	S2
Calopteryx angustipennis	Appalachian jewelwing	G4	SP
Calopteryx dimidiata	Sparkling jewelwing	G5	SH
Calopteryx maculata	Ebony jewelwing	G5	S5
Celithemis elisa	Calico pennant	G5	S5
Celithemis eponina	Halloween pennant	G5	S4S5
Celithemis fasciata	Banded pennant	G5	S3
Celithemis martha Celithemis ornata	Martha's pennant Faded pennant	G4 G5	S2 S1
Celithemis verna	Double-ringed pennant	G5 G5	S1 S2
Chromagrion conditum	Aurora damsel	G5 G5	SZ S3S4
Cordulegaster bilineata	Brown spiketail	G5 G5	S2
Cordulegaster diastatops	Delta-spotted spiketail	G5	S3
Cordulegaster erronea	Tiger spiketail	G4	S2
Cordulegaster maculata	Twin-spotted spiketail	G5	s4
Cordulegaster obliqua	Arrowhead spiketail	G4	S2
Cordulia shurtleffi	American emerald	G5	S3
Didymops transversa	Stream cruiser	G5	S4S5
Dorocordulia lepida	Petite emerald	G5	SH
Dromogomphus spinosus	Black-shouldered spinyleg	G5	S4
Dromogomphus spoliatus	Flag-tailed spinyleg	G4G5	SR
Enallagma antennatum	Rainbow bluet	G5	S1
Enallagma aspersum	Azure bluet	G5	S3S4
Enallagma basidens	Double-striped bluet	G5	S4

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Enallagma carunculatum	Tule bluet	G5	SH
Enallagma civile	Familiar bluet	G5	S5
Enallagma daeckii	Attenuated bluet	G4	S3
Enallagma divagans	Turquoise bluet	G5	S3S4
Enallagma doubledayi	Atlantic bluet	G5	SH
Enallagma dubium	Burgundy bluet	G5	S1
Enallagma durum	Big bluet	G5	S3
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Enallagma ebrium	Marsh bluet	G5	SH
Enallagma exsulans	Stream bluet	G5	S5
Enallagma geminatum	Skimming bluet	G5	S4S5
Enallagma hageni	Hagen's bluet	G5	S3S4
Enallagma pallidum	Pale bluet	G4	SH
Enallagma signatum	Orange bluet	G5	S4
Enallagma sulcatum	Golden bluet	G4	SU
Enallagma traviatum	Slender bluet	G5	S3
-		G5 G5	S3
Enallagma vesperum	Vesper bluet		
Enallagma weewa	Blackwater bluet	G5	S1
Epiaeschna heros	Swamp darner	G5	S5
Epitheca canis	Beaverpond baskettail	G5	S3
Epitheca costalis	Stripe-winged baskettail	G4	S1
Epitheca cynosura	Common baskettail	G5	S5
Epitheca princeps	Prince baskettail	G5	S4
Epitheca semiaquea	Mantled baskettail	G4	SH
Epitheca spinigera	Spiny baskettail	G5	SP
Epitheca spinosa	Robust baskettail	G3 G4	S1 S1S2
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Erpetogomphus designatus	Eastern ringtail	G5	S2
Erythemis simplicicollis	Eastern pondhawk	G5	S5
Erythrodiplax berenice	Seaside dragonlet	G5	S4
Erythrodiplax minuscula	Little blue dragonlet	G5	S1
Gomphaeschna antilope	Taper-tailed darner	G4	S2
Gomphaeschna furcillata	Harlequin darner	G5	S3
Gomphus abbreviatus	Spine-crowned clubtail	G3G4	SH
Gomphus borealis	Beaverpond clubtail	G4	SP
-	Harpoon clubtail	G4 G4	SP
Gomphus descriptus	-	-	
Gomphus exilis	Lancet clubtail	G5	S5
Gomphus fraternus	Midland clubtail	G5	S2
Gomphus graslinellus	Pronghorn clubtail	G5	SR
Gomphus lineatifrons	Splendid clubtail	G4	SH
Gomphus lividus	Ashy clubtail	G5	S5
Gomphus parvidens	Piedmont clubtail	G4	SH
Gomphus quadricolor	Rapids clubtail	G3G4	S1
Gomphus rogersi	Sable clubtail	G4	S1
E	Subie Clubeati	01	01
	Duchu clubtoil	CE	
Gomphus spicatus	Dusky clubtail	G5	SP
Gomphus vastus	Cobra clubtail	G5	S3
Gomphus ventricosus	Skillet clubtail	G3	SH
Gomphus viridifrons	Green-faced clubtail	G3	S1
Hagenius brevistylus	Dragonhunter	G5	S4
Helocordulia selysii	Selys' sunfly	G4	S2
Helocordulia uhleri	Uhler's sundragon	G5	S3
Hetaerina americana	American rubyspot	G5	S3S4
Hetaerina titia	Smoky rubyspot	G5	SH
Ischnura hastata	Citrine forktail	G5	S4S5
Ischnura kellicotti	Lilypad forktail	G5	S3S4
Ischnura posita	Fragile forktail	G5	S5
Ischnura prognata	Furtive forktail	G4	SP
Ischnura ramburii	Rambur's forktail	G5	S4
Ischnura verticalis	Eastern forktail	G5	S5
Lanthus parvulus	Northern pygmy clubtail	G4	S1
Lanthus vernalis	Southern pygmy clubtail	G4	S1
Lestes congener	Spotted spreadwing	G5	S3
Lestes disjunctus	Common spreadwing	G5	S5
Lestes dryas	Emerald spreadwing	G5 G5	SH
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Lestes eurinus	Amber-winged spreadwing	G4
Lestes forcipatus	Sweetflag spreadwing	G5
Lestes inaequalis	Elegant spreadwing	G5
Lestes rectangularis	Slender spreadwing	G5
Lestes unguiculatus	Lyre-tipped spreadwing	G5
Lestes vigilax	Swamp spreadwing	G5
Leucorrhinia frigida	Frosted whiteface	G5
Leucorrhinia glacialis	Crimson-ringed whiteface	G5
Leucorrhinia hudsonica	Hudsonian whiteface	G5
Leucorrhinia intacta	Dot-tailed whiteface	G5
Libellula auripennis	Golden-winged skimmer	G5
Libellula axilena	Bar-winged skimmer	G5
Libellula cyanea	White-spangled skimmer	G5
Libellula deplanata	Blue corporal	G5
Libellula exusta	White corporal	G4
Libellula flavida	Yellow-sided skimmer	G5
Libellula incesta	Slaty skimmer	G5
Libellula julia	Chalk-fronted skimmer	G5
Libellula luctuosa	Widow skimmer	G5
Libellula lydia	Common whitetail	G5
Libellula needhami	Needham's skimmer	G5
Libellula pulchella	Twelve-spotted skimmer	G5
Libellula quadrimaculata	Four-spotted skimmer	G5
Libellula semifasciata	Painted skimmer	G5
Libellula vibrans	Great blue skimmer	G5
Macromia alleghaniensis	Allegheny river cruiser	G4
Macromia illinoiensis	Illinois river cruiser	G5
Macromia illinoiensis georgina	Georgia river cruiser	G5T5
Macromia taeniolata	Royal river cruiser	G5
Miathyria marcella	Greater hyacinth glider	G5
Nannothemis bella	Elfin skimmer	G4
Nasiaeschna pentacantha	Cyrano darner	G5
Nehalennia gracilis	Sphagnum sprite	G5
Nehalennia integricollis	Southern sprite	G5
Nehalennia irene	Sedge sprite	G5
Neurocordulia obsoleta	Umber shadowdragon	G4
Neurocordulia virginiensis	Cinnamon shadowdragon	G4
Neurocordulia yamaskanensis	Stygian shadowdragon	G5
Ophiogomphus alleghaniensis	Allegheny snaketail	G3Q
Ophiogomphus carolus	Riffle snaketail	G5
Ophiogomphus incurvatus	Allegheny snaketail	G3
Ophiogomphus mainensis	Maine snaketail	G4
Ophiogomphus rupinsulensis	Rusty snaketail	G5
Orthemis ferruginea	Roseate skimmer	G5
Pachydiplax longipennis	Blue dasher	G5
Pantala flavescens	Wandering glider	G5
Pantala hymenaea	Spot-winged glider	G5
Perithemis tenera	Eastern amberwing	G5
Progomphus obscurus	Common sanddragon	G5
Somatochlora elongata	Ski-tailed emerald	G5
Somatochlora filosa	Fine-lined emerald	G5
Somatochlora linearis	Mocha emerald	G5
Somatochlora provocans	Treetop emerald	G4
Somatochlora tenebrosa	Clamp-tipped emerald	G5
Stylogomphus albistylus	Least clubtail	G5
Stylurus amnicola	Riverine clubtail	G4
Stylurus laurae	Laura's clubtail	G4
Stylurus notatus	Elusive clubtail	G3
Stylurus plagiatus	Russet-tipped clubtail	G5
Stylurus scudderi	Zebra clubtail	G4
Stylurus spiniceps	Arrow clubtail	G5
Sympetrum ambiguum	Blue-faced meadowhawk	G5
Sympetrum internum	Cherry-faced meadowhawk	G5

s3 S3 S4 S4S5 SH S4 SP S1 S1 S3 s3 S3 S5 S4S5 S1 S2 S5 s2 S5 S5 S4S5 S4S5 SA? S4S5 S4S5 s2 S4 S3S4 s3 SA S1 s3 s2 S1S2 s3 S3 S1 s2 SRF SP s2 SP s2 SA S5 S5 S5 S5 s3 S1 s2 S3S4 S1 S3S4 S3S4 SH s2 SU S3 S1 S3 S3S4 SR

Sympetrum janeae	Jane's meadowhawk	G5	SU
Sympetrum obtrusum	White-faced meadowhawk	G5	S3
Sympetrum rubicundulum	Ruby meadowhawk	G5	S4
Sympetrum semicinctum	Band-winged meadowhawk	G5	S3
Sympetrum vicinum	Yellow-legged meadowhawk	G5	S5
Tachopteryx thoreyi	Gray petaltail	G4	S2
Tramea calverti	Striped saddlebags	G5	SA
Tramea carolina	Carolina saddlebags	G5	S4S5
Tramea lacerata	Black saddlebags	G5	S5
Tramea onusta	Red-mantled saddlebags	G5	SA

• The Maryland Natural Heritage Program acknowledges Richard Orr and David Czaplak for their extensive assistance in the compilation of this list.

EXPLANATION OF RANK AND STATUS CODES

January 26, 2001

Originally developed and instituted by The Nature Conservancy, an international conservation organization, the global and state ranking system is used by all 50 state Natural Heritage Programs and numerous Conservation Data Centers in other countries in this hemisphere. Because they are assigned based upon standard criteria, the ranks can be used to assess the range-wide status of a species as well as the status within portions of the species' range. The primary criterion used to define these ranks are the number of known distinct occurrences with consideration given to the total number of individuals at each locality. Additional factors considered include the current level of protection, the types and degree of threats, ecological vulnerability, and population trends. Global and state ranks are used in combination to set inventory, protection, and management priorities for species both at the state as well as regional level.

GLOBAL RANK

- G1 Highly globally rare. Critically imperiled globally because of extreme rarity (typically 5 or fewer estimated occurrences or very few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extinction.
- G2 Globally rare. Imperiled globally because of rarity (typically 6 to 20 estimated occurrences or few remaining individuals or acres) or because of some factor(s) making it very vulnerable to extinction throughout its range.
- G3 Either very rare and local throughout its range or distributed locally (even abundantly at some of its locations) in a restricted range (e.g., a single western state, a physiographic region in the East) or because of other factors making it vulnerable to extinction throughout its range; typically with 21 to 100 estimated occurrences.
- G4 Apparently secure globally, although it may be quite rare in parts of its range, especially at the periphery.
- G5 Demonstrably secure globally, although it may be quite rare in parts of its range, especially at the periphery.

- GH No known extant occurrences (i.e., formerly part of the established biota, with the expectation that it may be rediscovered).
- GU Possibly in peril range-wide, but its status is uncertain; more information is needed.
- GX Believed to be extinct throughout its range (e.g., passenger pigeon) with virtually no likelihood that it will be rediscovered.
- G? The species has not yet been ranked.
- _Q Species containing a "Q" in the rank indicates that the taxon is of questionable or uncertain taxonomic standing (i.e., some taxonomists regard it as a full species, while others treat it at an infraspecific level).
- _T Ranks containing a "T" indicate that the infraspecific taxon is being ranked differently than the full species.

STATE RANK

- S1 Highly State rare. Critically imperiled in Maryland because of extreme rarity (typically 5 or fewer estimated occurrences or very few remaining individuals or acres in the State) or because of some factor(s) making it especially vulnerable to extirpation. Species with this rank are actively tracked by the Natural Heritage Program.
- S2 State rare. Imperiled in Maryland because of rarity (typically 6 to 20 estimated occurrences or few remaining individuals or acres in the State) or because of some factor(s) making it vulnerable to becoming extirpated. Species with this rank are actively tracked by the Natural Heritage Program.
- S3 Rare to uncommon with the number of occurrences typically in the range of 21 to 100 in Maryland. It may have fewer occurrences but with a large number of individuals in some populations, and it may be susceptible to large-scale disturbances. Species with this rank are not actively tracked by the Natural Heritage Program.
- S3.1 A species that is actively tracked by the Natural Heritage Program because of the global significance of Maryland occurrences. For instance, a G3 S3 species is globally rare to uncommon, and although it may not be currently threatened with extirpation in Maryland, its occurrences in Maryland may be critical to the long term security of the species. Therefore, its status in the State is being monitored.
- S4 Apparently secure in Maryland with typically more than 100 occurrences in the State or may have fewer occurrences if they contain large numbers of individuals. It is apparently secure under present conditions, although it may be restricted to only a portion of the State.
- S5 Demonstrably secure in Maryland under present conditions.
- SA Accidental or considered to be a vagrant in Maryland.
- SE Established, but not native to Maryland; it may be native elsewhere in North America.
- SH Historically known from Maryland, but not verified for an extended period (usually 20 or more years), with the expectation that it may be rediscovered.
- SP Potentially occurring in Maryland or likely to have occurred in Maryland (but without persuasive documentation).
- SR Reported from Maryland, but without persuasive documentation that would provide a basis for either accepting or rejecting the report (e.g., no voucher specimen exists).
- SRF Reported falsely (in error) from Maryland, and the error may persist in the literature.
- SU Possibly rare in Maryland, but of uncertain status for reasons including lack of historical records, low search effort, cryptic nature of the species, or concerns that the species may not be native to the State. Uncertainty spans a range of 4 or 5 ranks as defined above.

- SX Believed to be extirpated in Maryland with virtually no chance of rediscovery.
- SYN Currently considered synonymous with another taxon and, therefore, not a valid entity.
- SZ A migratory species which does not inhabit specific locations for long periods of time.
- S? The species has not yet been ranked.
- -B This species is migratory and the rank refers only to the breeding status of the species. Such a migrant may have a different rarity rank for non-breeding populations.

STATE STATUS

This is the status of a species as determined by the Maryland Department of Natural Resources, in accordance with the Nongame and Endangered Species Conservation Act. Definitions for the following categories have been taken from Code of Maryland Regulations (COMAR) 08.03.08.

- E Endangered; a species whose continued existence as a viable component of the State's flora or fauna is determined to be in jeopardy.
- I In Need of Conservation; an animal species whose population is limited or declining in the State such that it may become threatened in the foreseeable future if current trends or conditions persist.
- T Threatened; a species of flora or fauna which appears likely, within the foreseeable future, to become endangered in the State.
- X Endangered Extirpated; a species that was once a viable component of the flora or fauna of the State, but for which no naturally occurring populations are known to exist in the State.
- * A qualifier denoting the species is listed in a limited geographic area only.
- PE Proposed Endangered; a species whose continued existence as a viable component of the State's flora or fauna is determined to be in jeopardy.
- PT Proposed Threatened; a species of flora or fauna which appears likely, within the foreseeable future, to become endangered in the State.
- PX Proposed Endangered Extirpated; a species that was once a viable component of the flora or fauna of the State, but for which no naturally occurring populations are known to exist in the State.
- PD Proposed to be deleted or removed from the State Threatened & Endangered Species list.

FEDERAL STATUS

This is the status of a species as determined by the U.S. Fish and Wildlife Service's Office of Endangered Species, in accordance with the Endangered Species Act. Definitions for the following categories have been modified from 50 CRF 17.

- LE Taxa listed as endangered; in danger of extinction throughout all or a significant portion of their range.
- LT Taxa listed as threatened; likely to become endangered within the foreseeable future throughout all or a significant portion of their range.

- PE Taxa proposed to be listed as endangered.
- PT Taxa proposed to be listed as threatened.
- C Candidate taxa for listing for which the Service has on file enough substantial information on biological vulnerability and threat(s) to support proposals to list them as endangered or threatened.