

Amphibians and Reptiles of Delaware

Modified from Crother, 2017

Updated February 2023



ANIMAL	SCIENTIFIC NAME	COMMON NAME	SNHR	SWAPR
FROG	<i>Anaxyrus americanus</i>	American Toad	S5	
FROG	<i>Anaxyrus fowleri</i>	Fowler's Toad	S5	Tier 3
FROG	<i>Acris crepitans</i>	Eastern Cricket Frog	S5	Tier 2
FROG	<i>Hyla chrysoscelis</i>	Cope's Gray Treefrog	S2	Tier 2
FROG	<i>Hyla cinerea</i>	Green Treefrog	S3	
FROG	<i>Hyla gratiosa</i>	Barking Treefrog	SE	Tier 1
FROG	<i>Hyla versicolor</i>	Gray Treefrog	S4	
FROG	<i>Pseudacris crucifer</i>	Spring Peeper	S5	
FROG	<i>Pseudacris kalmi</i>	New Jersey Chorus Frog	S4	Tier 2
FROG	<i>Lithobates catesbeianus</i>	American Bullfrog	S5	
FROG	<i>Lithobates clamitans</i>	Green Frog	S5	
FROG	<i>Lithobates kauffeldi</i>	Mid-Atlantic Coast Leopard Frog	SNR	Tier 1
FROG	<i>Lithobates palustris</i>	Pickereel Frog	S5	
FROG	<i>Lithobates sphenoccephalus</i>	Southern Leopard Frog	S5	
FROG	<i>Lithobates sylvaticus</i>	Wood Frog	S4	Tier 3
FROG	<i>Lithobates virgatipes</i>	Carpenter Frog	S1	Tier 1
FROG	<i>Scaphiopus holbrookii</i>	Eastern Spadefoot	S4	Tier 2
SALAMANDER	<i>Ambystoma maculatum</i>	Spotted Salamander	S2	Tier 2
SALAMANDER	<i>Ambystoma opacum</i>	Marbled Salamander	S3	Tier 3
SALAMANDER	<i>Ambystoma tigrinum</i>	Eastern Tiger Salamander	SE	Tier 1
SALAMANDER	<i>Desmognathus fuscus</i>	Northern Dusky Salamander	S5	Tier 3
SALAMANDER	<i>Eurycea bislineata</i>	Northern Two-lined Salamander	S5	Tier 3
SALAMANDER	<i>Eurycea longicauda</i>	Long-tailed Salamander	S1	Tier 2
SALAMANDER	<i>Hemidactylum scutatum</i>	Four-toed Salamander	S1	Tier 2
SALAMANDER	<i>Plethodon cinereus</i>	Eastern Red-backed Salamander	S5	
SALAMANDER	<i>Pseudotriton montanus</i>	Mud Salamander	SE	Tier 1
SALAMANDER	<i>Pseudotriton ruber</i>	Red Salamander	S3	Tier 2
SALAMANDER	<i>Notophthalmus viridescens</i>	Eastern Newt	S4	Tier 3
SNAKE	<i>Carphophis amoenus</i>	Common Wormsnake	S5	
SNAKE	<i>Cemophora coccinea</i>	Scarletsnake	SE	Tier 1
SNAKE	<i>Coluber constrictor</i>	Northern Black Racer	S5	
SNAKE	<i>Diadophis punctatus</i>	Ring-necked Snake	S5	
SNAKE	<i>Heterodon platirhinos</i>	Eastern Hog-nosed Snake	S4	Tier 3
SNAKE	<i>Lampropeltis getula</i>	Eastern Kingsnake	S2S3	Tier 2
SNAKE	<i>Lampropeltis triangulum</i>	Eastern Milksnake	S1	Tier 2
SNAKE	<i>Nerodia erythrogaster</i>	Plain-bellied Watersnake	SE	Tier 1

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SNAKE	<i>Nerodia sipedon</i>	Common Watersnake	S5	
SNAKE	<i>Opheodrys aestivus</i>	Rough Greensnake	S2	Tier 2
SNAKE	<i>Pantherophis alleghaniensis</i>	Eastern Ratsnake	S5	
SNAKE	<i>Pantherophis guttatus</i>	Red Cornsnake	SE	Tier 1
SNAKE	<i>Regina septemvittata</i>	Queensnake	S1	Tier 2
SNAKE	<i>Storeria dekayi</i>	Dekay's Brownsnake	S3	
SNAKE	<i>Storeria occipitomaculata</i>	Red-bellied Snake	S1	Tier 2
SNAKE	<i>Thamnophis saurita</i>	Eastern Ribbonsnake	S2	Tier 2
SNAKE	<i>Thamnophis sirtalis</i>	Common Gartersnake	S5	
SNAKE	<i>Virginia valeriae</i>	Smooth Earthsnake	S1	Tier 2
LIZARD	<i>Hemidactylus turcicus</i>	Mediterranean Gecko	SNA(2)	
LIZARD	<i>Sceloporus undulatus</i>	Eastern Fence Lizard	S5	
LIZARD	<i>Plestiodon fasciatus</i>	Common Five-lined Skink	S5	
LIZARD	<i>Plestiodon laticeps</i>	Broad-headed Skink	SH	Data Needs
LIZARD	<i>Scincella lateralis</i>	Little Brown Skink	S1	Tier 2
SNAKE	<i>Agkistrodon contortrix</i>	Eastern Copperhead	S1	Tier 2
TURTLE	<i>Caretta caretta</i>	Loggerhead Sea Turtle	FT	Tier 1
TURTLE	<i>Chelonia mydas</i>	Green Sea Turtle	FT	Tier 1
TURTLE	<i>Eretmochelys imbricata</i>	Hawksbill Sea Turtle	FE	Tier 1
TURTLE	<i>Lepidochelys kempii</i>	Kemp's Ridley Sea Turtle	FE	Tier 1
TURTLE	<i>Chelydra serpentina</i>	Snapping Turtle	S5	
TURTLE	<i>Dermochelys coriacea</i>	Leatherback Sea Turtle	FE	Tier 1
TURTLE	<i>Chrysemys picta</i>	Painted Turtle	S5	
TURTLE	<i>Clemmys guttata</i>	Spotted Turtle	S3	Tier 1
TURTLE	<i>Glyptemys muhlenbergii</i>	Bog Turtle	FT	Tier 1
TURTLE	<i>Graptemys pseudogeographica</i>	False Map Turtle	SNA(2)	
TURTLE	<i>Malaclemys terrapin</i>	Diamond-backed Terrapin	S4	Tier 2
TURTLE	<i>Pseudemys rubriventris</i>	Northern Red-bellied Cooter	S5	Tier 2
TURTLE	<i>Terrapene carolina</i>	Eastern Box Turtle	S5	Tier 1
TURTLE	<i>Trachemys scripta elegans</i>	Red-eared Slider	SNA(2)	
TURTLE	<i>Trachemys scripta scripta</i>	Yellow-bellied Slider	SNA(2)	
TURTLE	<i>Glyptemys insculpta</i> *	Wood Turtle	SNA(3)	
TURTLE	<i>Kinosternon baurii</i>	Striped Mud Turtle	SNR	Data Needs
TURTLE	<i>Kinosternon subrubrum</i>	Eastern Mud Turtle	S5	
TURTLE	<i>Sternotherus odoratus</i>	Eastern Musk Turtle	S5	

*Species of Possible Occurrence in Delaware

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STATE NATURAL HERITAGE RANKS (SNHR)

S1 - Critically Imperiled - Critically imperiled in the state because of extreme rarity (typically 5 or fewer occurrences) or because of some factor(s) making it especially vulnerable to extirpation from the state.

S2 - Imperiled - Imperiled in the state because of rarity due to restricted range or other factor(s) making it very vulnerable to extirpation from the state. Typically 6 to 20 occurrences.

S3 - Vulnerable - Vulnerable to extirpation from the state because of uncommonness, restricted range (even if abundant at some locations), or other factors making it vulnerable to extirpation. Typically 21 to 100 occurrences.

S4 - Apparently Secure - Apparently secure in the state under present conditions, but some concern for long-term declines. Typically 100 or more occurrences

S5 - Secure - Common, widespread, and abundant in the state; considerably more than 100 occurrences. Demonstrably secure under present conditions and likely secure into the foreseeable future.

S## - Range Rank - A numeric range rank (e.g., S2S3 or S1S3) is used to indicate any range of uncertainty about the status of the species or ecosystem.

SNR - Not Ranked - State conservation status not yet assessed.

SU - Unknown - Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.

SX - Presumed Extirpated - Species is believed to be extirpated from the state. Not located despite intensive searches of historical sites and other appropriate habitat, and virtually no likelihood that it will be rediscovered.

SH - Historical - Species occurred historically in the state, and there is some possibility that it may be rediscovered. Its presence may not have been verified in the past 20-40 years. A species or community could become SH without such a 20-40 year delay if the only known occurrences in a nation or state were destroyed or if it had been extensively and unsuccessfully looked for. The SH rank is reserved for species or communities for which some effort has been made to relocate occurrences, rather than simply using this status for all elements not known from verified extant occurrences.

SNA - Not Applicable - A conservation status rank is not applicable because the species is not a suitable target for conservation activities for one of these reasons: (1) Hybrid – an interspecific hybrid without conservation value; (2) Exotic Origin – not native to the state; (3) Accidental/Nonregular – outside usual range and not regularly found in the state; (4) Not Confidently Present – never verified as present in the state.

STATE WILDLIFE ACTION PLAN RANKS (SWAPR)

TIER 1 - These species are in the highest need of conservation action. These include the rarest species in the state, species that are highly globally imperiled, and species with regionally important Delaware populations that are also under high threat from climate change.

TIER 2 - These species are of moderate conservation concern in Delaware. These include species that have rare to uncommon breeding populations in the state, species with broad distributions that are threatened by climate change, and species for which Delaware has high responsibility within the Northeast region.

TIER 3 - These species are for the most part still relatively common in Delaware, but are listed as SGCN for various reasons, including documented population declines, high responsibility of the Northeast region for the global population, or continued need for monitoring and/or management. This tier also includes non-breeding species that are uncommon in Delaware.

DATA NEEDS - These are species in need of monitoring efforts to determine their conservation status in Delaware.

SNHR Total for DE	
FE	3
FT	3
S1	9
S2	4
S2S3	1
S3	5
S4	7
S5	25
SE	6
SH	1
SNA(2)	4
SNA(3)	1
SNR	2

SWAPR Total for DE	
Tier 3	7
Tier 2	19
Tier 1	16
Data Needs	2