

Amphibians and Reptiles of the Duke Forest

Compiled by Jeffrey S. Phippen & Jeffrey C. Beane



Waterdogs (Proteidae)

Neuse River Waterdog (*Necturus lewisi*) – Hillsboro Division in Eno River

Dwarf Waterdog (*Necturus punctatus*) – New Hope Creek watershed

Mole Salamanders (Ambystomatidae)

Marbled Salamander (*Ambystoma opacum*)

Spotted Salamander (*Ambystoma maculatum*)

Newts (Salamandridae)

Red-spotted Newt (*Notophthalmus viridescens*) -- historic records; perhaps still extant in DF

Lungless Salamanders (Plethodontidae)

Southern Two-lined Salamander (*Eurycea cirrigera*)

Three-lined Salamander (*Eurycea guttolineata*)

Northern Dusky Salamander (*Desmognathus fuscus*)

Red-backed Salamander (*Plethodon cinereus*)

White-spotted Slimy Salamander (*Plethodon cylindraceus*)

Four-toed Salamander (*Hemidactylium scutatum*)

Mud Salamander (*Pseudotriton montanus*) -- historic records; perhaps still extant in DF

Red Salamander (*Pseudotriton ruber*) -- historic records; perhaps still extant in DF

True Toads (Bufonidae)

American Toad (*Bufo americanus*)

Fowler's Toad (*Bufo fowleri*)

Treefrogs & Allies (Hylidae)

Northern Cricket Frog (*Acris crepitans*)

Cope's Gray Treefrog (*Hyla chrysoscelis*)

Green Treefrog (*Hyla cinerea*)

Squirrel Treefrog (*Hyla squirella*)

Spring Peeper (*Pseudacris crucifer*)

Upland Chorus Frog (*Pseudacris feriarum*)

Narrowmouth Toads (Microhylidae)

Eastern Narrowmouth Toad (*Gastrophryne carolinensis*)

True Frogs (Ranidae)

Bullfrog (*Rana catesbeiana*)

Green Frog (*Rana clamitans*)

Pickerel Frog (*Rana palustris*)

Southern Leopard Frog (*Rana sphenoccephala*)

Snapping Turtles (Chelydridae)

Common Snapping Turtle (*Chelydra serpentina*)

Sliders, Cooters, & Allies (Emydidae)

Painted Turtle (*Chrysemys picta*) -- historic records; perhaps still extant in DF

Yellowbelly Slider (*Trachemys scripta*)

River Cooter (*Pseudemys concinna*)

Eastern Box Turtle (*Terrapene carolina*)

Mud & Musk Turtles (Kinosternidae)

Eastern Mud Turtle (*Kinosternon subrubrum*)

Common Musk Turtle (*Sternotherus odoratus*)

Spiny Lizards (Phrynosomatidae)

Eastern Fence Lizard (*Sceloporus undulatus*)

Racerunners (Teiidae)

Six-lined Racerunner (*Cnemidophorus sexlineatus*)

Skinks (Scincidae)

Ground Skink (*Scincella lateralis*)

Five-lined Skink (*Eumeces fasciatus*)

Southeastern Five-lined Skink (*Eumeces inexpectatus*)

Broadhead Skink (*Eumeces laticeps*)

Glass Lizards (Anguidae)

Slender Glass Lizard (*Ophisaurus attenuatus*) -- historic records; possibly still extant in DF

Non-venomous Snakes (Colubridae)

Worm Snake (*Carphophis amoenus*)

Scarlet Snake (*Cemophora coccinea*) -- historic records; possibly still extant in DF

Black Racer (*Coluber constrictor*)

Ringneck Snake (*Diadophis punctatus*)

Corn Snake (*Elaphe guttata*)

Rat Snake (*Elaphe obsoleta*)

Eastern Hognose Snake (*Heterodon platirhinos*)

Mole Kingsnake (*Lampropeltis calligaster*)

Eastern Kingsnake (*Lampropeltis getula*)

Scarlet Kingsnake (*Lampropeltis triangulum elapsoides*) – historically reported but no vouchers specimens were collected; likely not currently present in Duke Forest

Northern Water Snake (*Nerodia sipedon*)
Rough Green Snake (*Opheodrys aestivus*)
Queen Snake (*Regina septemvittata*)
Brown Snake (*Storeria dekayi*)
Redbelly Snake (*Storeria occipitomaculata*)
Eastern Garter Snake (*Thamnophis sirtalis*)
Eastern Ribbon Snake (*Thamnophis sauritus*) -- historic records; possibly still extant in DF
Rough Earth Snake (*Virginia striatula*)
Smooth Earth Snake (*Virginia valeriae*)

Pit Vipers (Viperidae)

Copperhead (*Agkistrodon contortrix*)

Documented in Wake, Durham and/or Orange Counties but not yet recorded in Duke Forest:

Eastern Spadefoot (*Scaphiopus holbrookii*)
Spotted Turtle (*Clemmys guttata*)
Green Anole (*Anolis carolinensis*)
Redbelly Water Snake (*Nerodia erythrogaster*)
Southeastern Crowned Snake (*Tantilla coronata*)
Chamberlain's Dwarf Salamander (*Eurycea chamberlaini*)



Please report any Duke Forest amphibian or reptile sightings to Jeffrey Phippen:
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For more information:

Jeff Phippen's Herps Page: <http://www.jeffpippen.com/herps.htm>

Jeff Beane at the NC Museum of Natural Sciences:

<http://naturalsciences.org/research-collections/research-specialties/amphibians-reptiles/jeffrey-beane>

Duke Forest: <http://www.dukeforest.duke.edu/>

Amphibians and Reptiles of North Carolina: <http://www.herpsofnc.org/>