

An AMPHIBIAN Checklist for Cliffs of the Neuse State Park 24 taxa

Herpetology is the branch of zoology dedicated to the study of amphibians (frogs, toads, salamanders, and newts) and of reptiles (snakes, lizards, turtles, and crocodilians). "Herps" are a diverse and interesting group of animals that are important elements in the fabric of life.

Amphibian is derived from the Greek work "amphibios". "Amphi" meaning 'both' and "bio" meaning 'life' - hence leading a double life. Indeed, most amphibians are aquatic as juveniles and breath with gills. After transformation, the adults usually live on land and most have lungs.

Many amphibians are very sensitive to environmental change. Their diversity and abundance can be an indication of an area's ecological health.

In early spring and during the summer listen for the calls of frogs and toads. Salamanders and newts, however, are silent and can be quiet secretive.

Reptiles, unlike amphibians, have dry skin covered with horny scales. Most, with the exception of snakes and legless lizards, have 4 legs with five clawed digits on each foot. While some amphibians retain gills as adults, all reptiles breathe solely by means of lungs.

Look for these cold-blooded animals on warm to hot sunny days when they bask on rocks, logs and tree trunks. Sixty-seven species have been recorded in North Carolina.

**For more information, contact:
Cliffs of the Neuse State Park**

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Notes

AMPHIBIAN CHECKLIST Cliffs of the Neuse State Park



Seasons:

Spring - March to May
Summer - June to August
Fall - September to November
Winter - December to February

Web Links

Amphibians and Reptiles of North Carolina State Parks
<<https://auth1.dpr.ncparks.gov/nrid/public.php>>

Resources

Snakes of the Southeast
by Whit Gibbons and Mike Dorcas
Univ. of Georgia Press
<<http://www.ugapress.org>>

Amphibians and Reptiles of the Carolinas and Virginia
by Jeffrey C. Beane, Alvin L. Braswell, Joseph C. Mitchell, and William M. Palmer
Univ. of North Carolina Press
<<http://uncpress.unc.edu>>

Reptiles of North Carolina
by William M. Palmer and Alvin L. Braswell
Univ. of North Carolina Press
<<http://uncpress.unc.edu>>



<https://www.ncparks.gov/junior-rangers>

24 AMPHIBIAN taxa**AMBYSTOMATIDAE: [1]**

___ Marbled Salamander x - - -
Ambystoma opacum

PLETHODONTIDAE: [3]

___ Chamberlain's Dwarf Salamander x - - -
Eurycea chamberlaini
 ___ Southern Two-lined Salamander - - - x
Eurycea cirrigera
 ___ Atlantic Coast Slimy Salamander x - x x
Plethodon chlorobryonis

PROTEIDAE: [1]

___ Neuse River Waterdog (historical) - - - -
Necturus lewisi

SALAMANDRIDAE: [1]

___ Broken-striped Newt x x x -
Notophthalmus viridescens dorsalis

SIRENIDAE: [1]

___ Greater Siren - - x -
Siren lacertina

HYLIDAE: [7]

___ Cope's Gray Treefrog x - - -
Hyla chrysoscelis
 ___ Green Treefrog x x - -
Hyla cinerea
 ___ Pine Woods Treefrog x x - -
Hyla femoralis
 ___ Barking Treefrog x x - -
Hyla gratiosa
 ___ Squirrel Treefrog x x - -
Hyla squirella

MICROHYLIDAE: [1]

___ Eastern Narrow-mouthed Toad x x - -
Gastrophryne carolinensis

PELOBATIDAE: [1]

___ Eastern Spadefoot x - x -
Scaphiopus holbrookii

BUFONIDAE: [2]

___ Fowler's Toad x - - -
Anaxyrus fowleri
 ___ Southern Toad x x - -
Anaxyrus terrestris

HYLIDAE: [7]

___ Eastern Cricket Frog x x - -
Acris crepitans

HYLIDAE: [7]

___ Coastal Plain (Southern) Cricket Frog x - - x
Acris gryllus
 ___ Spring Peeper x - - x
Pseudacris crucifer

RANIDAE: [4]

___ American Bullfrog x x - -
Lithobates catesbeianus
 ___ Green Frog x x - -
Lithobates clamitans
 ___ Pickerel Frog x x - -
Lithobates palustris
 ___ Southern Leopard Frog x x - -
Lithobates sphenoccephalus

PLETHODONTIDAE: [3]

___ Mud Salamander x - - -
Pseudotriton montanus