An AMPHIBIAN Checklist for Jordan Lake State Recreation Area 20 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: Jordan Lake State Recreation Area

> > (919) 362-0586 jordan.lake@ncparks.gov

Notes

AMPHIBIAN CHECKLIST Jordan Lake State Recreation Area



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

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20 AMPHIBIAN taxa AMBYSTOMATIDAE: [2]				
Spotted Salamander	х	-	-	Х
Ambystoma maculatum				
Marbled Salamander	х	-	х	Х
Ambystoma opacum				
PLETHODONTIDAE: [2]				
Atlantic Coast Slimy Salamander	-	-	-	Х
Plethodon chlorobryonis				
White-spotted Slimy Salamander	-	x	-	-
Plethodon cylindraceus				
SALAMANDRIDAE: [1]				
Red-spotted (Eastern) Newt	x	_	x	_
Notophthalmus viridescens viridescens				
HYLIDAE: [7]				
Cope's Gray Treefrog	x	_	-	_
Hyla chrysoscelis				
Green Treefrog	x	x	x	_
Hyla cinerea				
Pine Woods Treefrog	x	_	-	_
Hyla femoralis				
Barking Treefrog	x	x	-	_
Hyla gratiosa				
Squirrel Treefrog	x	_	-	_
Hyla squirella				
MICROHYLIDAE: [1]				
Eastern Narrow-mouthed Toad	-	x	x	_
Gastrophryne carolinensis				
BUFONIDAE: [2]				
Eastern American Toad	-	x	-	-
Anaxyrus americanus				
Fowler's Toad	х	-	х	-
Anaxyrus fowleri				
HYLIDAE: [7]				
Eastern Cricket Frog	x	-	-	-
Acris crepitans				
Spring Peeper	х	-	-	-
Pseudacris crucifer				
Upland Chorus Frog	x	-	-	-
Pseudacris feriarum				
RANIDAE: [4]				
American Bullfrog	x	x	-	х
Lithobates catesbeianus				
Green Frog	x	x	-	-
Lithobates clamitans				

RANIDAE: [4]			
Pickerel Frog	-	_	х
Lithobates palustris			
Southern Leopard Frog	-	x	х
Lithobates sphenocephalus			