

CHECKLIST of AMPHIBIANS and REPTILES of ARCHBOLD BIOLOGICAL STATION, the RESERVE, and BUCK ISLAND RANCH, Highlands County, Florida. Voucher specimens of species recorded from the Station are deposited in the Station reference collections and the herpetology collection of the American Museum of Natural History.

Scientific name ¹	Common name	Status ²	Exotic	Occurrence ³		
				Station	Reserve	Ranch
AMPHIBIANS						
Order Anura						
Family Bufonidae						
<i>Anaxyrus quercicus</i>	Oak Toad			X	X	X
<i>Anaxyrus terrestris</i>	Southern Toad			X	X	X
<i>Rhinella marina</i>	Cane Toad		■	X		
Family Hylidae						
<i>Acris gryllus dorsalis</i>	Florida Cricket Frog			X	X	X
<i>Hyla cinerea</i>	Green Treefrog			X	X	X
<i>Hyla femoralis</i>	Pine Woods Treefrog			X	X	X
<i>Hyla gratiosa</i>	Barking Treefrog			X	X	X
<i>Hyla squirella</i>	Squirrel Treefrog			X	X	X
<i>Osteopilus septentrionalis</i>	Cuban Treefrog		■	X	X	
<i>Pseudacris nigrita</i>	Southern Chorus Frog			X		X
<i>Pseudacris ocularis</i>	Little Grass Frog			X	X	X
Family Leptodactylidae						
<i>Eleutherodactylus planirostris</i>	Greenhouse Frog		■	X	X	X
Family Microhylidae						
<i>Gastrophryne carolinensis</i>	Eastern Narrow-mouthed Toad			X	X	X
Family Ranidae						
<i>Lithobates capito</i>	Gopher Frog			X	X	X
<i>Lithobates catesbeianus</i>	American Bullfrog		? ⁴	X	X	
<i>Lithobates grylio</i>	Pig Frog			X	X	X
<i>Lithobates sphenoccephalus sphenoccephalus</i>	Florida Leopard Frog			X	X	X
Order Caudata						
Family Amphiumidae						
<i>Amphiuma means</i>	Two-toed Amphiuma			X	X	X
Family Plethodontidae						
<i>Eurycea quadridigitata</i>	Dwarf Salamander			X		
Family Salamandridae						
<i>Notophthalmus viridescens piaropicola</i>	Peninsula Newt			X		X
Family Sirenidae						
<i>Pseudobranchius axanthus axanthus</i>	Narrow-striped Dwarf Siren			X		
<i>Pseudobranchius striatus</i>	Northern Dwarf Siren					X
<i>Siren intermedia intermedia</i>	Eastern Lesser Siren			X		X
<i>Siren lacertina</i>	Greater Siren				X	X

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REPTILES						
Order Crocodylia						
<i>Alligator mississippiensis</i>	American Alligator	FT (S/A)		X	X	X
Order Squamata						
Suborder Amphisbaenia						
Family Amphisbaenidae						
<i>Rhineura floridana</i>	Florida Wormlizard			X		
Suborder Lacertilia						
Family Anguidae						
<i>Ophisaurus attenuatus longicaudus</i>	Eastern Slender Glass Lizard			X		
<i>Ophisaurus compressus</i>	Island Glass Lizard			X	X	X
<i>Ophisaurus ventralis</i>	Eastern Glass Lizard			X	X	X
Family Gekkonidae						
<i>Hemidactylus garnotii</i>	Indo-Pacific House Gecko		■	X		X
<i>Hemidactylus turcicus</i>	Mediterranean Gecko		■	X		X
Family Phrynosomatidae						
<i>Sceloporus woodi</i>	Florida Scrub Lizard			X	X	
Family Polychrotidae						
<i>Anolis carolinensis carolinensis</i>	Northern Green Anole			X	X	X
<i>Anolis sagrei</i>	Brown Anole		■	X	X	X
Family Scincidae						
<i>Plestiodon egregius lividus</i>	Blue-tailed Mole Skink	FT		X		
<i>Plestiodon inexpectatus</i>	Southeastern Five-lined Skink			X	X	X
<i>Plestiodon reynoldsi</i>	Florida Sand Skink	FT		X	X	
<i>Scincella lateralis</i>	Little Brown Skink			X	X	X
Family Teiidae						
<i>Aspidoscelis sexlineata sexlineata</i>	Eastern Six-lined Racerunner			X	X	
Suborder Serpentes						
Family Colubridae						
<i>Cemophora coccinea coccinea</i>	Florida Scarlet Snake			X		
<i>Coluber constrictor priapus</i>	Southern Black Racer			X	X	X
<i>Coluber flagellum flagellum</i>	Eastern Coachwhip			X	X	
<i>Diadophis punctatus punctatus</i>	Southern Ring-necked Snake			X	X	X
<i>Drymarchon couperi</i>	Eastern Indigo Snake	FT		X	X	X
<i>Farancia abacura abacura</i>	Eastern Mud Snake			X		X
<i>Heterodon platirhinos</i>	Eastern Hog-nosed Snake			X		
<i>Lampropeltis elapsoides</i>	Scarlet Kingsnake			X		
<i>Lampropeltis extenuata</i>	Short-tailed Kingsnake	ST		X		
<i>Nerodia fasciata pictiventris</i>	Florida Watersnake			X	X	X

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Family Colubridae, cont.						
<i>Nerodia floridana</i>	Florida Green Watersnake					X
<i>Nerodia taxispilota</i>	Brown Watersnake			X		
<i>Opheodrys aestivus carinatus</i>	Florida Rough Green Snake			X	X	X
<i>Pantherophis guttatus</i>	Red Corn Snake			X		X
<i>Pantherophis alleghaniensis</i>	Eastern Rat Snake			X		X
<i>Pituophis melanoleucus mugitus</i>	Florida Pine Snake	ST		X		
<i>Regina alleni</i>	Striped Crayfish Snake			X	X	X
<i>Rhadinaea flavilata</i>	Pine Woods Snake					X
<i>Seminatrix pygaea cyclas</i>	Southern Florida Swamp Snake			X	X	X
<i>Storeria victa</i>	Florida Brown Snake			X		X
<i>Tantilla relicta relicta</i>	Peninsula Crowned Snake			X		
<i>Thamnophis sauritus sackerii</i>	Peninsula Ribbon Snake			X	X	X
<i>Thamnophis sirtalis sirtalis</i>	Eastern Garter Snake			X		X
<i>Virginia valeriae valeriae</i>	Smooth Earth Snake			X ⁵		
Family Elapidae						
<i>Micrurus fulvius</i>	Eastern Coral Snake			X	X	
Family Viperidae						
<i>Agkistrodon piscivorus conanti</i>	Florida Cottonmouth					X
<i>Crotalus adamanteus</i>	Eastern Diamond-backed Rattlesnake			X		X
<i>Sistrurus miliarius barbouri</i>	Dusky Pigmy Rattlesnake			X		X
Order Testudines						
Family Chelydridae						
<i>Chelydra serpentina osceola</i>	Florida Snapping Turtle			X	X	X
Family Emydidae						
<i>Deirochelys reticularia chrysea</i>	Florida Chicken Turtle			X		
<i>Pseudemys nelsoni</i>	Florida Red-bellied Cooter				X	X
<i>Pseudemys peninsularis</i>	Peninsula Cooter			X	X	X
<i>Terrapene carolina bauri</i>	Florida Box Turtle			X	X	X
Family Kinosternidae						
<i>Kinosternon baurii</i>	Striped Mud Turtle			X		
<i>Kinosternon subrubrum steindachneri</i>	Florida Mud Turtle			X		
<i>Sternotherus odoratus</i>	Common Musk Turtle			X		
Family Testudinidae						
<i>Gopherus polyphemus</i>	Gopher Tortoise	ST, FC		X	X	X
Family Trionychidae						
<i>Apalone ferox</i>	Florida Softshell			X	X	X
				Station	Reserve	Ranch
Total no. species:				71	43	52

¹Standard English and scientific names follow SSAR North American Species Names Database (<https://ssarherps.org/cndb/>)

²Abbreviations: ST = State-designated Threatened, FT = Federally-designated Threatened, FT (S/A) = Federally-designated Threatened (Similarity of Appearance to the American Crocodile), FC = Candidate for federal listing

³This checklist is an updated version by Betsie Rothermel of previous lists compiled by James Layne (last revision of Station list in 2005); Walter Meshaka (Meshaka, W. E. 1997. The herpetofauna of Buck Island Ranch: An altered wetland in south-central Florida. Fla. Sci. 60:1-7; Nowak, E. A., and W. E. Meshaka. 1992. Checklist of amphibians and reptiles: MacArthur Agro-ecology Research Center of Archbold Biological Station. Archbold Biological Station, Lake Placid.); and Peter Meylan (surveys of Reserve in 2004).

⁴The American Bullfrog may be regarded as introduced, based on the known existence close to the Station of a bullfrog farm, with presumed northern stock, that failed many years ago.

⁵There are only a handful of records and specimens of Smooth Earth Snake in the vicinity (within 5-10 km) of the Station. The Station record is supported only by a photograph.