

CHECKLIST of AMPHIBIANS and REPTILES of ARCHBOLD BIOLOGICAL STATION, ARCHBOLD RESERVE, and BUCK ISLAND RANCH, Highlands County, Florida.¹ Voucher specimens are housed in the Station's herpetology collection or in the American Museum of Natural History.

Scientific name ²	Common name	Status ³	Exotic	Occurrence		
				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 Eleutherodactylidae						
<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	TC		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		X
<i>Siren intermedia intermedia</i>	Eastern Lesser Siren			X		X
<i>Siren lacertina</i>	Greater Siren			X	X	X

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REPTILES						
Order Crocodylia						
Family Alligatoridae						
<i>Alligator mississippiensis</i>	American Alligator	FT (S/A)		X	X	X
Order Squamata						
Suborder Amphisbaenia						
Family Rhineuridae						
<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 mabouia</i>	Wood Slave		■	X		
<i>Hemidactylus turcicus</i>	Mediterranean Gecko		■	X		X
Family Phrynosomatidae						
<i>Sceloporus woodi</i>	Florida Scrub Lizard	TC		X	X	
Family Dactyloidae						
<i>Anolis carolinensis carolinensis</i>	Northern Green Anole			X	X	X
<i>Anolis cristatellus</i>	Crested Anole		■	X ⁵		
<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		X
<i>Lampropeltis extenuata</i>	Short-tailed Kingsnake	ST, TC		X		

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Family Colubridae, cont.						
<i>Liodytes alleni</i>	Striped Crayfish Snake			X	X	X
<i>Liodytes pygaea cyclas</i>	Southern Florida Swamp Snake			X	X	X
<i>Nerodia fasciata pictiventris</i>	Florida Watersnake			X	X	X
<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>Rhadinaea flavilata</i>	Pine Woods Snake					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>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 ⁶		
Family Elapidae						
<i>Micrurus fulvius</i>	Eastern Coral Snake			X	X	
Family Viperidae						
<i>Agkistrodon conanti</i>	Florida Cottonmouth					X
<i>Crotalus adamanteus</i>	Eastern Diamond-backed Rattlesnake			X	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		X
<i>Pseudemys nelsoni</i>	Florida Red-bellied Cooter				X	X
<i>Pseudemys peninsularis</i>	Peninsula Cooter			X	X	X
<i>Terrapene bauri</i>	Florida Box Turtle			X	X	X
Family Kinosternidae						
<i>Kinosternon baurii</i>	Striped Mud Turtle			X		X
<i>Kinosternon 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:	74	44	55

¹This 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).

²Standard English and scientific names follow SSAR North American Species Names Database (<https://ssarherps.org/cndb/>)

³Status Abbreviations: TC = State Taxon of Concern, 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

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 decades ago.

⁵Only one Crested Anole found and added to ABS Collection in March 2019; see Lawson et al. (2019) Herpetological Review 50(3):524.

⁶There 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.