

SUPPLEMENTAL INFORMATION

**REPTILES OF THE ATLANTIC FOREST, ESPÍRITO SANTO,
BRAZIL: USING TWO COMPLEMENTARY
CITIZEN SCIENCE DATA SOURCES**

*ANDRÉ FELIPE BARRETO-LIMA, PAULA DRUMMOND DE CASTRO,
AND NATALIA PIRANI GHILARDI-LOPES*

The following material is provided by the authors and was not subjected to peer review or editing by *Herpetological Conservation and Biology*.

TABLE S1. Reptile records from the *Museu de Biologia Professor Mello Leitão* – INMA/MBML (1969 to 2022) and the *iNaturalist* platform (2000 to 2022) for the state of Espírito Santo (ES), Brazil (total n = 1,215 specimens of the 102 species recorded). Data on species (groups)/common names (in English), Atlantic Forest endemism, threat status, and number of observations or records by source. Threat status: VU = vulnerable, EN = endangered, CR = critically endangered, and DD = deficient data (IUCN 2018; Fraga et al. 2019).

<i>Species (Group)/ Common names</i>	Endemic (Atlantic Forest)	Threat Status	Source (Number of observations or records)
Amphisbaenians (Squamata)			
<i>Amphisbaena alba</i> Red Worm Lizard	No		MBML (1), <i>iNaturalist</i> (3)
<i>Leposternon infraorbitale</i> Berthold's Worm Lizard	Yes		MBML (1)
<i>Leposternon microcephalum</i> Smallhead Worm Lizard	No		MBML (7), <i>iNaturalist</i> (4)
<i>Leposternon wuchereri</i> Wucherer's Worm Lizard	Yes		<i>iNaturalist</i> (2)
Crocodylians (Crocodylia)			
<i>Caiman latirostris</i> Broad-snouted caiman	No	EN	MBML (12), <i>iNaturalist</i> (24)
Lizards (Squamata)			
<i>Ameiva ameiva</i> Giant Ameiva	No		MBML (1), <i>iNaturalist</i> (16)
<i>Ameivula nativo</i> No common name	Yes	EN	MBML (1), <i>iNaturalist</i> (7)
<i>Aspronema dorsivittatum</i> Paraguay Mabuya	No		<i>iNaturalist</i> (2)

<i>Brasiliscincus agilis</i>	Yes		MBML (1), <i>iNaturalist</i> (4)
No common name			
<i>Caparaonia itaiquara**</i>	Yes	VU	<i>iNaturalist</i> (1)
No common name			
<i>Cnemidophorus cryptus</i>	No		<i>iNaturalist</i> (4)
Cryptic Racerunner			
<i>Dactyloa pseudotigrina**</i>	Yes	VU	MBML (1)
False Tiger Anole			
<i>Dactyloa punctata</i>	No		MBML (1), <i>iNaturalist</i> (18)
Spotted Anole			
<i>Diploglossus fasciatus</i>	No		MBML (14)
Banded Galliwasp			
<i>Ecleopus gaudichaudii</i>	Yes		MBML (1), <i>iNaturalist</i> (10)
No common name			
<i>Enyalius bilineatus</i>	Yes		MBML (5), <i>iNaturalist</i> (3)
Two-lined Fathead Anole			
<i>Enyalius boulengeri</i>	Yes		MBML (8), <i>iNaturalist</i> (8)
Brazilian Fathead Anole			
<i>Enyalius perditus</i>	Yes		MBML (1)
No common name			
<i>Enyalius pictus</i>	Yes		<i>iNaturalist</i> (3)
No common name			
<i>Gymnodactylus darwinii</i>	Yes		MBML (1), <i>iNaturalist</i> (7)
Darwin's Gecko			
<i>Hemidactylus mabouia***</i>	No		MBML (1), <i>iNaturalist</i> (38)
House gecko			
<i>Kentropyx calcarata</i>	No		<i>iNaturalist</i> (2)
Striped forest whiptail			
<i>Leposoma scincoides</i>	Yes		MBML (4), <i>iNaturalist</i> (9)
Skink Tegu			

<i>Micrablepharus maximiliani</i>	No		MBML (1)
No common name			
<i>Norops ortonii</i>	No		<i>iNaturalist</i> (1)
Orton's Anole			
<i>Norops fuscoauratus</i>	No		<i>iNaturalist</i> (1)
Brown-eared Anole			
<i>Ophiodes fragilis</i>	No		MBML (5), <i>iNaturalist</i> (6)
Fragile Worm Lizard			
<i>Placosoma glabellum</i>	Yes		<i>iNaturalist</i> (1)
No common name			
<i>Polychrus marmoratus</i>	No		MBML (3), <i>iNaturalist</i> (20)
Common Monkey Lizard			
<i>Psychosaura macrorhyncha</i>	Yes		<i>iNaturalist</i> (3)
Hoge's Mabuya			
<i>Salvator merianae</i>	No		MBML (8), <i>iNaturalist</i> (42)
Black and White Tegu			
<i>Strobilurus torquatus</i>	Yes		MBML (3), <i>iNaturalist</i> (1)
No common name			
<i>Tropidurus torquatus</i>	No		MBML (3), <i>iNaturalist</i> (131)
Amazon lava Lizard			
<i>Urostrophus vaultieri</i>	No	DD	MBML (1), <i>iNaturalist</i> (1)
Brazilian Steppe Iguana			
Snakes (Squamata)			
<i>Amerotyphlops brongersmianus</i>	No		MBML (1), <i>iNaturalist</i> (1)
Brongersma's Worm Snake			
<i>Boa constrictor</i>	No		MBML (12), <i>iNaturalist</i> (28)
Red-tailed Boa			
<i>Bothrops jararaca</i>	No		MBML (113), <i>iNaturalist</i> (44)
Jararaca			

<i>Bothrops jararacussu</i>	No		MBML (23), <i>iNaturalist</i> (6)
Jararacussu			
<i>Bothrops leucurus</i>	Yes		MBML (6), <i>iNaturalist</i> (3)
Whitetail Lancehead			
<i>Chironius bicarinatus</i>	No		MBML (8), <i>iNaturalist</i> (9)
Two-headed Sipo			
<i>Chironius exoletus</i>	No		MBML (2)
Linnaeus' Sipo			
<i>Chironius fuscus</i>	No		<i>iNaturalist</i> (2)
Brown Sipo			
<i>Chironius cf. flavolineatus</i> *	No		MBML (2)
Boettger's Sipo			
<i>Chironius laevicollis</i>	Yes		MBML (3), <i>iNaturalist</i> (1)
Brazilian Sipo			
<i>Clelia plumbea</i>	No	VU	MBML (1)
No common name			
<i>Corallus hortulanus</i>	No		MBML (5), <i>iNaturalist</i> (11)
Garden Tree Boa			
<i>Dipsas albifrons</i>	Yes		MBML (1), <i>iNaturalist</i> (1)
Sauvage's Snail-eater			
<i>Dipsas indica</i>	Yes		MBML (1)
Neotropical Snail-eater			
<i>Dipsas mikanii</i>	No		<i>iNaturalist</i> (1)
No common name			
<i>Dipsas neuwiedi</i>	Yes		MBML (12), <i>iNaturalist</i> (7)
Neuwied's Tree Snake			
<i>Dipsas variegata</i>	No		<i>iNaturalist</i> (1)
Variegated Snail-eater			
<i>Drymoluber dichrous</i>	No		MBML (1), <i>iNaturalist</i> (1)
Northern Woodland Racer			

<i>Echivanthera cephalostriata</i>	Yes	DD	<i>iNaturalist</i> (2)
No common name			
<i>Echivanthera melanostigma</i>	Yes	DD	MBML (1), <i>iNaturalist</i> (1)
No common name			
<i>Elapomorphus quinquelineatus</i>	Yes		MBML (5), <i>iNaturalist</i> (3)
Raddi's Lizard-eating Snake			
<i>Elapomorphus wuchereri</i>	Yes		<i>iNaturalist</i> (1)
Wucherer's Lizard-eating Snake			
<i>Epicrates cenchria</i>	No		MBML (6)
Rainbow Boa			
<i>Erythrolamprus aesculapii</i>	No		MBML (7), <i>iNaturalist</i> (1)
South American False Coralsnake			
<i>Erythrolamprus miliaris</i>	Yes		MBML (13), <i>iNaturalist</i> (6)
Military Ground Snake			
<i>Erythrolamprus poecilogyrus</i>	Yes		MBML (29), <i>iNaturalist</i> (5)
Goldbauch-Buntnatter			
<i>Helicops carinicaudus</i>	Yes		MBML (27)
Wied's Keelback			
<i>Imantodes cenchoa</i>	No		MBML (1)
Blunthead Tree Snake			
<i>Lachesis muta</i>	No	CR	MBML (2)
South American Bushmaster			
<i>Leptodeira annulata</i>	No		<i>iNaturalist</i> (2)
Banded Cat-eyed Snake			
<i>Leptophis ahaetulla</i>	Yes		MBML (2), <i>iNaturalist</i> (5)
Parrot Snake			
<i>Micrurus corallinus</i>	No		MBML (23), <i>iNaturalist</i> (8)
Painted Coral Snake			
<i>Micrurus decoratus</i>	Yes	DD	<i>iNaturalist</i> (2)
Brazilian Coral Snake			

<i>Oxybelis aeneus</i>	No	MBML (7), <i>iNaturalist</i> (9)
Brown vinesnake		
<i>Oxyrhopus clathratus</i>	No	MBML (3)
Duméril's False Coral Snake		
<i>Oxyrhopus guibei</i>	No	<i>iNaturalist</i> (1)
No common name		
<i>Oxyrhopus petolarius</i>	No	MBML (31), <i>iNaturalist</i> (11)
Forest Flame Snake		
<i>Oxyrhopus trigeminus</i>	No	<i>iNaturalist</i> (1)
Brazilian False Coral Snake		
<i>Palushopis bifossatus</i>	No	MBML (2)
Rio Tropical Racer		
<i>Philodryas olfersii</i>	No	MBML (2), <i>iNaturalist</i> (12)
Lichtenstein's Green Racer		
<i>Philodryas patagoniensis</i>	No	MBML (11), <i>iNaturalist</i> (13)
Patagonia Green Racer		
<i>Pseudoboa nigra</i>	No	MBML (8), <i>iNaturalist</i> (2)
Black False Boa		
<i>Siphlophis compressus</i>	No	<i>iNaturalist</i> (1)
Tropical Flat Snake		
<i>Spilotes pullatus</i>	No	MBML (8), <i>iNaturalist</i> (8)
Tropical Chicken Snake		
<i>Spilotes sulphureus</i>	No	MBML (4), <i>iNaturalist</i> (8)
Yellow-bellied Hissing Snake		
<i>Taeniophallus affinis</i>	Yes	<i>iNaturalist</i> (4)
No common name		
<i>Taeniophallus persimilis</i>	Yes	MBML (1)
No common name		
<i>Thamnodynastes hypoconia</i>	Yes	<i>iNaturalist</i> (1)
No common name		

<i>Thamnodynastes nattereri</i>	No		MBML (7)
Amazon Coastal House Snake			
<i>Thamnodynastes striagatus</i>	No		<i>iNaturalist</i> (3)
Coastal House Snake			
<i>Tropidodryas striaticeps</i>	Yes		MBML (7), <i>iNaturalist</i> (2)
No common name			
<i>Tropidophis paucisquamis</i>	Yes	VU	<i>iNaturalist</i> (1)
Brazilian Dwarf Boa			
<i>Xenodon merremii</i>	No		MBML (1), <i>iNaturalist</i> (3)
Wagler's Snake			
<i>Xenodon neuwiedii</i>	No		MBML (7), <i>iNaturalist</i> (12)
Neuwied's False Fer-de-lance			
<i>Xenodon rabdocephalus</i>	No		MBML (1), <i>iNaturalist</i> (1)
False Fer-de-lance			
Turtles (Testudines)			
<i>Acanthochelys radiolata</i>	Yes		MBML (1), <i>iNaturalist</i> (4)
Brazilian Radiolated Swamp Turtle			
<i>Caretta caretta</i>	No	EN	<i>iNaturalist</i> (11)
Loggerhead Seaturtle			
<i>Chelonia mydas</i>	No	VU	MBML (4), <i>iNaturalist</i> (39)
Green Seaturtle			
<i>Chelonoidis carbonarius</i>	No	DD	<i>iNaturalist</i> (11)
Red-footed Tortoise			
<i>Chelonoidis denticulatus</i>	No	DD	<i>iNaturalist</i> (13)
Yellow-footed Tortoise			
<i>Dermochelys coriacea</i>	No	CR	<i>iNaturalist</i> (3)
Leatherback Seaturtle			
<i>Eretmochelys imbricata</i>	No	CR	MBML (1), <i>iNaturalist</i> (2)
Hawksbill Turtle			
<i>Hydromedusa maximiliani</i>	Yes	VU	MBML (2), <i>iNaturalist</i> (5)

Maximilian's Snake-headed Turtle			
<i>Lepidochelys olivacea</i>	No	EN	<i>iNaturalist</i> (1)
Olive Ridley Seaturtle			
<i>Phrynops geoffroanus</i>	No	DD	MBML (1), <i>iNaturalist</i> (1)
Geoffroy's Toadhead Turtle			
<i>Rhinoclemmys punctularia</i>	No		MBML (1)
Spotted-legged Turtle			
<i>Trachemys dorbigni</i>	No		<i>iNaturalist</i> (1)
Black-bellied Slider			
<i>Trachemys scripta</i> ***	No		<i>iNaturalist</i> (6)
Red-eared Slider			

*Possible new occurrence in the state of ES, Brazil (see Silva-Soares and Santiago 2023). **Endemic species for ES, Brazil (see Fraga et al. 2019). ***Introduced and alien invasive species. Common names in English are presented according to The Reptile Database (<http://www.reptile-database.org>) and/or The IUCN Red List (<https://www.iucnredlist.org>).