



Canadian Organization for Tropical Education & Rainforest Conservation (COTERC)

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HERPETOFAUNA FOUND AT CAÑO PALMA BIOLOGICAL STATION, CERRO MOUNTAIN AND TORTUGUERO AREA

		LOCATION & NO. OF SPECIES FOUND:		
SCIENTIFIC NAME Note: () indicates a synonym	COMMON NAME Note: { } indicates the Spanish name	CAÑO PALMA	CERRO MOUNTAIN	TORTUGUERO AREA
Class- REPTILIA	REPTILES	82	64	86
Order- Testudinata	Turtles	10	9	10
Family- Cheloniidae	Sea Turtles	3	3	3
<i>Chelonia mydas</i>	Green sea turtle	•	•	•
<i>Eretmochelys imbricata</i>	Hawksbill sea turtle	•	•	•
<i>Caretta caretta</i>	Loggerhead sea turtle	•	•	•
Family- Chelydridae	Snapping Turtles	1	1	1
<i>Chelydra acutirostris</i>	Common snapping turtle	•	•	•
Family- Dermochelyidae	Sea Turtles	1	1	1
<i>Dermochelys coriacea</i>	Leatherback sea turtle	•	•	•
Family – Emydidae	Pond Turtles	1	1	1
<i>Trachemys venusta</i>	Ornate/tropical slider	•	•	•
Family- Geoemydidae	Pond Turtles, Box & Water Turtles	2	2	2
<i>Rhinoclemmys annulata</i>	Brown land, brown wood, furrowed or land turtle	•	•	•
<i>Rhinoclemmys funerea</i>	Black river turtle	•	•	•
Family- Kinosternidae	Mud Turtles	2	1	2
<i>Kinosternon angustipons</i>	Narrow-bridged, Central American/yellow-striped mud turtle	•		•
<i>Kinosternon leucostomum</i>	White-lipped mud turtle	•	•	•
Order- Squamata	Squamates	68	53	74
Suborder- Sauria	Lizards	27	26	28
Family- Anguidae	Anguid Lizards	1	2	1
<i>Diploglossus bilobatus</i>	Central American galliwasp or leaf-litter lizard	•	•	•
<i>Diploglossus monotropis</i>	Galliwasp lizard		•	
Family- Gekkonidae	Geckos	7	6	7
<i>Gonatodes albogularis</i>	Yellow-headed/Central American day gecko	•	•	•



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<i>Hemidactylus garnotii</i>	Indo-Pacific/house gecko	•	•	•
<i>Hemidactylus frenatus</i>	Asiatic/Pacific house gecko	•	•	•
<i>Lepidoblepharis xanthostigma</i>	Boat/orange-tailed litter gecko	•	•	•
<i>Sphaerodactylus homolepis</i>	Caribbean least/golden day gecko	•	•	•
<i>Sphaerodactylus millepunctatus</i>	Many spotted gecko/dwarf day gecko	•	•	•
<i>Thecadactylus rapicauda</i>	Web-footed/turnip-tailed gecko	•	•	•
Family- Corytophanidae	Casquehead Lizards	3	3	3
<i>Basiliscus plumifrons</i>	Plumed basilisk/green basilisk	•	•	•
<i>Basiliscus vittatus</i>	Common brown/striped basilisk	•	•	•
<i>Corytophanes cristatus</i>	Helmeted basilisk/iguana or forest chameleon	•	•	•
Family- Iguanidae	Iguanas	1	1	1
<i>Iguana iguana</i>	Green iguana	•	•	•
Family- Polychrotidae	Anoles & Tree Lizards	9	7	9
<i>Norops biporcatus (Anolis sl.)</i>	Green tree anole	•	•	•
<i>Norops capito (Anolis sl.)</i>	Pug-headed/pug-nosed anole	•	•	•
<i>Norops carpenteri (Anolis sl.)</i>	Carpenter anole	•		•
<i>Norops humilis (Anolis sl.)</i>	Humble/ground anole	•	•	•
<i>Norops lemurinus (Anolis sl.)</i>	Lemur/canopy anole	•	•	•
<i>Norops limifrons (Anolis sl.)</i>	Border/slender anole	•	•	•
<i>Norops oxylophus (Anolis sl.)</i>	Stream anole	•		•
<i>Norops pentaprion (Anolis sl.)</i>	Lichen coloured/tree bark anole	•	•	•
<i>Polychrus guttuerosus</i>	Tree/canopy lizard	•	•	•
Family- Teiidae	Macroteiids	1	2	2
<i>Ameiva festiva</i>	Central American ameiva/whiptail, festive jungle runner	•	•	•
<i>Ameiva quadrilineata</i>	Four-lined ameiva/banded jungle runner		•	•
Family- Gymnophthalmidae	Microteiid Lizards	2	2	2
<i>Gymnophthalmus speciosus</i>	Golden spectacled lizard	•	•	•
<i>Ptychoglossus plicatus</i>	Keeled leaf-litter lizard	•	•	•
Family- Scincidae	Skinks	2	2	2
<i>Mabuya unimarginata</i>	Bronze-backed climbing skink	•	•	•



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<i>Sphenomorphus cherriei</i>	Striped litter skink	•	•	•
Family- Xantusiidae	Night Lizards	1	1	1
<i>Lepidophyma flavimaculatum</i>	Yellow-spotted night lizard	•	•	•
Suborder- Serpentes	Snakes	43	27	46
Family- Boidae	Boas & Pythons	2	2	2
<i>Boa constrictor</i>	Boa constrictor	•	•	•
<i>Corallus annulatus</i>	Annulated tree boa	•	•	•
Family- Colubridae	Harmless & Rear-fanged Snakes	33	20	36
<i>Chironius grandisquamis</i>	Ebony keelback racer	•		•
<i>Clelia clelia</i>	Mussurana	•		•
<i>Coniophanes fissidens</i>	Yellow-bellied/brown spotbelly/litter snake	•	•	•
<i>Dipsas bicolor</i>	Neotropical snail-eater/red-striped thirst snake	•		•
<i>Dipsas articulata</i>	Central American snail-eater	•		•
<i>Drymarchon melanurus</i>	Indigo snake	•		•
<i>Drymobius margaritiferus</i>	Speckled racer	•	•	•
<i>Enuliophis sclateri</i>	Collared/sock-headed snake	•	•	•
<i>Hydromorphus concolor</i>	Costa Rican/tropical seep snake/watersnake	•		•
<i>Imantodes cenchoa</i>	Brown/common blunt-headed tree snake/chunk-headed snake	•	•	•
<i>Imantodes inornata</i>	Golden/Brown/inornate blunt-headed tree snake	•	•	•
<i>Leptodeira annulata</i>	Machete savane	•		•
<i>Leptodeira septentrionalis</i>	Northern cat-eyed snake	•	•	•
<i>Leptophis ahaetulla</i>	Green/giant parrot snake (Lora)	•	•	•
<i>Leptophis depressirostris</i>	Green/satiny/golden-eyed parrot snake	•	•	•
<i>Leptophis mexicanus</i>	Mexican parrot snake			•
<i>Leptophis nebulosus</i>	Oliver's/lined/bronze-backed/yellow-lipped parrot snake	•	•	•
<i>Mastigodryas melanolomus</i>	Salmon-bellied racer, neotropical racer	•	•	•
<i>Ninia maculata</i>	Spotted coffee snake	•		•
<i>Ninia sebae</i>	Red coffee snake	•	•	•



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<i>Oxybelis aeneus</i>	Brown/Mexican vine snake	•	•	•
<i>Oxybelis fulgidus</i>	Green vine snake	•	•	•
<i>Pseustes poecilinotus</i>	Bird-eating/grey puffing/ northern bird-eating snake	•	•	•
<i>Rhadinea deccorata</i>	Red-bellied/elegant litter snake	•	•	•
<i>Sibon annulatus</i>	Annulated/red-ringed snail- eater/ringed thirst snake	•	•	•
<i>Sibon nebulatus</i>	Clouded slug-eater/common snail-eater/clouded thirst snake	•	•	•
<i>Sibon lamari</i>	Lamar's thirst snake	•*		•
<i>Sibon longifrenis</i>	Drab snail-eater	•	•	•
<i>Spilotes pullatus</i>	Tiger rat snake, mico, oriole	•	•	•
<i>Tantilla reticulata</i>	Lined crown snake	•		
<i>Tantilla schistosa</i>	Red earth centipede snake/ collared crown snake			•
<i>Tantilla supracincta</i>	Banded centipede snake			•
<i>Thamnophis marcianus</i>	Chequered garter snake			•
<i>Tretanorhinus nigroluteus</i>	Black wáter/keeled mangrove/ orange bellied water snake	•		•
<i>Urotheca euryzona</i>	Halloween/ringed glass-tail/false coral snake	•		•
<i>Urotheca pachyura</i>	Costa Rican glass-tail snake	•		•
<i>Xenodon rabdocephalus</i>	False terciopelo/false fer-de-lance	•		•
Family- Elapidae	Coral Snakes & Sea Snakes	3	1	3
<i>Micrurus (=alleni) alleni</i>	Allen's coral snake	•	•	•
<i>Micrurus (=mipartitus) multifasciatus hertwigi</i>	Many-banded coral snake	•		•
<i>Micrurus nigrocinctus (=mosquitensis)</i>	Costa Rican coral snake	•		•
Family- Tropidophiidae	Dwarf Boas	1	1	1
<i>Ungaliophis panamensis</i>	Bromeliad/dwarf boa	•	•	•
Family- Viperidae	Adders & Vipers	4	3	4
<i>Bothriechis schlegelii</i>	Eyelash/eyelash palm pit-viper	•	•	•
<i>Bothrops asper</i>	Central American lancehead/ terciopelo/fer-de-lance	•	•	•
<i>Lachesis stenophrys</i>	Central American bushmaster	•		•
<i>Porthidium nasutum</i>	Hog-nosed pit-viper	•	•	•



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Order- Crocodylia	Crocodylians	2	2	2
Family- Alligatoridae	Alligators & Caimans	1	1	1
<i>Caiman crocodilus</i>	Spectacled caiman	•	•	•
Family- Crocodylidae	Crocodiles	1	1	1
<i>Crocodylus acutus</i>	American crocodile	•	•	•
Class- AMPHIBIA	AMPHIBIANS	24	19	36
Order- Gymnophiona	Caecilians	1		1
Family- Caeciliidae	Caecilians	1		1
<i>Gymnopsis multiplicata</i>	Purple caecilian	•		•
Order- Anura	Frogs & Toads	23	19	35
Family- Bufo	Toads	2	2	4
<i>Bufo coniferus</i> (<i>Incilius</i> cl.)	Green climbing toad	•	•	•
<i>Bufo haematiticus</i> (<i>Rhaebo</i> cl.)	Smooth skinned toad			•
<i>Bufo melanochlorus</i> (<i>Incilius</i> clade)	Wet forest/foothill stream toad			•
<i>Bufo marinus</i> (<i>Rhinella</i> clade)	Cane/marine/giant toad	•	•	•
Family- Centrolenidae	Glass Frogs			3
<i>Sachatamia</i> (<i>Centrolene</i>) <i>ilex</i>	Ghost/Limon giant glass frog			•*
<i>Espadarana</i> (<i>Centrolene</i>) <i>prosohlepon</i>	Emerald glass frog			•
<i>Hyalinobatrachium fleischmanni</i>	Fleischmann's glass frog			•
Family- Craugastoridae	Neotropical Leaf-litter Frogs	5	4	7
<i>Craugastor fitzingeri</i>	Common rain/barking/Fitzinger's robber frog	•	•	•
<i>Craugastor mimus</i>		•	•	•
<i>Craugastor noblei</i>	Noble's rain/robber frog	•		•
<i>Craugastor persimilis</i>		•	•	•
<i>Craugastor polyptychus</i>		•	•	•
<i>Craugastor ranoides</i>	Rain frog			•
<i>Craugastor rugulosus</i>	Rugulose rain frog			•
Family- Dendrobatidae	Poison-dart Frogs	1	1	2
<i>Oophaga</i> (<i>Dendrobates</i>) <i>pumilio</i>	Strawberry poison-dart frog/ blue-jeans frog	•	•	•
<i>Phyllobates lugubris</i>	Striped poison-dart frog/lovely poison-dart frog			•



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Family- Eleutherodactylidae	Neotropical Frogs	1	1	1
<i>Diasporus (Eleutherodactylus) diastema</i>	Tink frog	•	•	•
Family- Hylidae	New World Treefrogs	11	8	12
<i>Agalychnis callidryas</i>	Red-eyed leaf/red-eyed treefrog	•	•	•
<i>Cruziohyla calcarifer</i>	Splendid leaf/barred treefrog		•	•
<i>Dendropsophus ebraccatus</i>	Painted/hourglass/clown/ harlequin treefrog	•	•	•
<i>Dendropsophus phlebodes</i>	Yellow treefrog	•	•	•
<i>Hyloscirtus palmeri</i>	Palmer's treefrog	•		•
<i>Hypsiboas rufitelus</i>	Red-webbed treefrog	•	•	•
<i>Scinax boulengeri</i>	Boulengeri's treefrog	•		•
<i>Scinax elaeochroa</i>	Olive treefrog	•	•	•
<i>Smilisca baudinii</i>	Mexican, Baudin's/van-vliet's treefrog	•	•	•
<i>Smilisca phaeota</i>	Masked treefrog	•	•	•
<i>Smilisca sordida</i>	Drab treefrog	•		•
<i>Tlalocohyla loquax</i>	Red-legged treefrog	•		•
Family- Leptodactylidae	Neotropical Frogs	2	2	2
<i>Leptodactylus melanonotus</i>	Sabinal/black-backed frog	•	•	•
<i>Leptodactylus pentadactylus</i>	Smokey jungle/Central American bull frog	•	•	•
Family- Microhylidae	Microhylid frogs			1
<i>Gastrophryne pictiventris</i>	Southern narrow-mouthed toad			•
Family- Ranidae	Holarctic & Paleotropical Frogs	1	1	2
<i>Lithobates vaillanti</i>	Vaillant's tropical bull frog	•	•	•
<i>Lithobates warszewitschii</i>				•
Family- Strabomantidae	Neotropical Frogs			1
<i>Pristimantis ridens</i>	Pygmy rain frog			•
TOTAL SPECIES:		105	83	122

* To be confirmed by specimen collection.

Compiled by: Todd Lewis, Paul Grant, Josh Feltham, Don Filipiak, Tom Mason, Alex Figueroa & Greg Mayne.

Caño Palma Biological Station herpetofauna and Cerro Mountain lists revised 2011, Tortuguero area herpetofauna list, revised 2008.

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