



Canadian Organization for Tropical Education & Rainforest Conservation (COTERC)

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HERPETOFAUNA FOUND AT CAÑO PALMA BIOLOGICAL FIELD STATION AND TORTUGUERO AREA

		LOCATION & NO. OF SPECIES FOUND:	
SCIENTIFIC NAME Note: () indicates a synonym	COMMON NAME Note: { } indicates the Spanish name	CAÑO PALMA	TORTUGUERO AREA
Class- REPTILIA	REPTILES	83	88
Order- Testudinata	Turtles	10	10
Family- Cheloniidae	Sea Turtles	3	3
<i>Chelonia mydas</i>	Green Sea Turtle	•	•
<i>Eretmochelys imbricate</i>	Hawksbill Sea Turtle	•	•
<i>Caretta caretta</i>	Loggerhead Sea turtle	•	•
Family- Chelydridae	Snapping Turtles	1	1
<i>Chelydra serpentine</i>	Common Snapping Turtle	•	•
Family- Dermochelyidae	Sea Turtles	1	1
<i>Dermochelys coriacea</i>	Leatherback Sea Turtle	•	•
Family – Emydidae	Pond Turtles	1	1
<i>Trachemys scripta</i>	Ornate or Tropical Slider	•	•
Family- Geoemydidae	Pond Turtles, Box & Water Turtles	2	2
<i>Rhinoclemmys annulata</i>	Brown Land, Brown Wood , Furrowed or Land Turtle	•	•
<i>Rhinoclemmys funereal</i>	Black River Turtle	•	•
Family- Kinosternidae	Mud Turtles	2	2
<i>Kinosternon angustipons</i>	Narrow-bridged, Central American or Yellow-striped Mud Turtle	•	•
<i>Kinosternon leucostomum</i>	White-Lipped Mud Turtle	•	•
Order- Squamata	Squamates		
Suborder- Sauria	Lizards	28	29
Family- Anguidae	Anguid Lizards	1	1
<i>Diploglossus bilobatus</i>	Central American Galliwasp or Leaf- litter Lizard	•	•
Family- Gekkonidae	Geckos	8	8
<i>Gonatodes albogularis</i>	Yellow-Headed or Central American Day Gecko	•	•
<i>Hemidactylus garnotii</i>	Indo-Pacific or House Gecko	•	•
<i>Hemidactylus frenatus</i>	Asiatic or Pacific House Gecko	•	•



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<i>Lepidoblepharis xanthostigma</i>	Boat Gecko, Orange-tailed Ground or Litter Gecko	•	•
<i>Sphaerodactylus homolepis</i>	Caribbean Least or Golden Day Gecko	•	•
<i>Sphaerodactylus millepunctatus</i>	Many Spotted Gecko or Dwarf Day Gecko	•	•
<i>Sphaerodactylus</i> sp.		•	•
<i>Thecadactylus rapicaudus</i>	Web-footed or Turnip-tailed Gecko	•	•
Family- Corytophanidae	Casquehead Lizards	3	3
<i>Basiliscus plumifrons</i>	Plumed Basilisk, Green Basilisk	•	•
<i>Basiliscus vittatus</i>	Common Brown or Striped Basilisk	•	•
<i>Corytophanes cristatus</i>	Helmeted Basilisk, Iguana or Forest Chameleon	•	•
Family- Iguanidae	Iguanas	1	1
<i>Iguana iguana</i>	Green Iguana	•	•
Family- Polychrotidae	Anoles & Tree Lizards	9	9
<i>Norops biporcatus</i> (<i>Anolis sl.</i>)	Green Tree Anole	•	•
<i>Norops capito</i> (<i>Anolis sl.</i>)	Pug-Headed Anole, Pug-Nosed Anole	•	•
<i>Norops carpenteri</i> (<i>Anolis sl.</i>)	Carpenter Anole	•	•
<i>Norops humilis</i> (<i>Anolis sl.</i>)	Humble, Leaf-litter or Ground Anole	•	•
<i>Norops lemuringus</i> (<i>Anolis sl.</i>)	Lemur Anole, Canopy Anole	•	•
<i>Norops limifrons</i> (<i>Anolis sl.</i>)	Border Anole, Slender Anole	•	•
<i>Norops oxylophus</i> (<i>Anolis sl.</i>)	Stream Anole	•	•
<i>Norops pentaprion</i> (<i>Anolis sl.</i>)	Tree Bark Anole	•	•
<i>Polychrus gutturosus</i>	Tree Lizard, Canopy Lizard	•	•
Family- Teiidae	Macroteiids	1	2
<i>Ameiva festiva</i>	Central American Ameiva or Whiptail, Festive Jungle Runner	•	•
<i>Ameiva quadrilineata</i>	Four-lined Ameiva or Banded Jungle Runner		•
Family- Gymnophthalmidae	Microteiid Lizards	2	2
<i>Gymnophthalmus speciosus</i>	Golden Spectacled Lizard	•	•
<i>Ptychoglossus plicatus</i>	Keeled Leaf-litter Lizard	•	•
Family- Scincidae	Skinks	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
<i>Lepidophyma flavimaculatum</i>	Yellow-spotted Night Lizard	•	•
Suborder- Serpentes	Snakes	43	47
Family- Boidae	Boas & Pythons	2	2
<i>Boa constrictor</i>	Boa Constrictor	•	•
<i>Corallus annulatus</i>	Annulated Tree Boa	•	•
Family- Colubridae	Harmless & Rear-fanged Snakes	33	37
<i>Chironius grandisquamis</i>			•
<i>Clelia clelia</i>	Musurana	•	•
<i>Coniophanes fissidens</i>	Yellow Bellied Snake or Brown Spotbelly	•	•
<i>Dipsas bicolor</i>	Neotropical Snail-eater, Red-Striped Thirst Snake	•	•
<i>Dipsas articulata</i>	Central American Snail-eater	•	•
<i>Drymarchon corais</i>	Eastern Indigo Snake	•	•
<i>Drymobius margaritiferus</i>	Speckled Racer	•	•
<i>Enulius sclateri</i>	Collared or Sock-headed Snake	•	•
<i>Hydromorphus concolor</i>	Costa Rican/Central American Red-bellied Watersnake	•	•
<i>Imantodes cenchoa</i>	Brown or Common Blunt-headed Tree Snake, Chunk-headed Snake	•	•
<i>Imantodes inornata</i>	Golden, Brown, or Inornate Blunt-headed Treesnake	•	•
<i>Leptodeira annulata</i>	Machete Savane	•	•
<i>Leptodeira septentrionalis</i>	Northern Cat-eyed Snake	•	•
<i>Leptophis ahaetulla</i>	Green or Giant Parrot Snake {Lora}	•	•
<i>Leptophis depressirostris</i>	Green, Satiny, or Golden-eyed Parrot Snake	•	•
<i>Leptophis mexicanus</i>	Mexican Parrot Snake		•
<i>Leptophis nebulosus</i>	Oliver's, Lined, or 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	•	•
<i>Oxybelis aeneus</i>	Brown or Mexican Vine Snake	•	•



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<i>Oxybelis fulgidus</i>	Green Vine Snake	•	•
<i>Pseutes poecilinotus</i>	Bird-eating, Gray Puffing, Chicken, or Northern Bird Snake	•	•
<i>Rhadinea decorata</i>	Red-bellied or Elegant Litter Snake	•	•
<i>Sibon annulatus</i>	Annulated or 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, Mica, Oriole	•	•
<i>Tantilla annulatus</i>	Annulated Centipede Snake	•	•
<i>Tantilla schistose</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 Water, Keeled Mangrove, or Orange Bellied Water Snake	•	•
<i>Urotheca euryzona</i>	Halloween Snake, Ringed Glass-tail, False Coral Snake	•	•
<i>Urotheca pachyura</i>	Litter Snake, Costa Rican Glass-tail	•	•
<i>Xenodon rabdocephalus</i>	False Terciopelo, or False Fer-de- Lance	•	•
Family- Elapidae	Coral Snakes & Sea Snakes	3	3
<i>Micrurus alleni alleni</i>	Allen's Coral Snake	•	•
<i>Micrurus multifasciatus hertwigi</i>	Many-banded Coral Snake	•	•
<i>Micrurus nigrocinctus mosquitensis</i>	Costa Rican Coral Snake	•	•
Family- Tropicophiidae	Dwarf Boas	1	1
<i>Ungaliophis panamensis</i>	Banana Boa, Bromeliad Boa, Dwarf Boa	•	•
Family- Viperidae	Adders & Vipers	4	4
<i>Bothriechis schlegelii</i>	Eyelash Viper, Eyelash Palm Pit- viper	•	•
<i>Bothrops asper</i>	Central American Lancehead, Terciopelo, or 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
Family- Alligatoridae	Alligators & Caimans	1	1
<i>Caiman crocodilis</i>	Spectacled Caiman	•	•
Family- Crocodylidae	Crocodiles	1	1
<i>Crocodylus acutus</i>	American Crocodile	•	•
Class- AMPHIBIA	AMPHIBIANS	26	37
Order- Gymnophiona	Caecilians	1	1
Family- Caeciliidae	Caecilians	1	1
<i>Gymnopsis multiplicata</i>	Purple Caecilian	•	•
Order- Anura	Frogs & Toads	25	36
Family- Bufonidae	Toads	2	4
<i>Bufo coniferus</i> (<i>Incilius</i> clade)	Green Climbing Toad	•	•
<i>Bufo haematiticus</i> (<i>Rhaebo</i> clade)	Smooth Skinned, or Leaf-litter Toad		•
<i>Bufo melanochlorus</i> (<i>Incilius</i> clade)	Wet forest or Foothill stream Toad		•
<i>Bufo marinus</i> (<i>Rhinella</i> clade)	Cane, Marine or Giant Toad	•	•
Family- Centrolenidae	Glass Frogs	1	3
<i>Centrolene ilex</i>	Ghost Glass Frog, Limon Giant Glass Frog	•	•
<i>Centrolene prosoblepon</i>	Emerald Glass Frog		•
<i>Hyalinobatrachium fleischmanni</i>	Fleischmann's Glass Frog		•
Family- Craugastoridae	Neotropical Leaf-litter Frogs	6	7
<i>Craugastor fitzingeri</i>	Common Rain, Barking, or Fitzinger's Robber Frog	•	•
<i>Craugastor mimus</i>		•	•
<i>Craugastor noblei</i>	Noble's Leaf-litter, Rain, or Robber Frog	•	•
<i>Craugastor persimilis</i>		•	•
<i>Craugastor polyptychus</i>		•	•
<i>Craugastor ranoides</i>	Rain Frog		•
<i>Craugastor rugulosus</i>	Rugulose Rainfrog	•	•
Family- Dendrobatidae	Poison-dart Frogs	1	2
<i>Dendrobates pumilio</i>	Strawberry Poison-dart Frog, Blue-Jeans Frog	•	•
<i>Phyllobates lugubris</i>	Striped Poison Dart-frog, or Lovely Dart Frog		•



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Family- Eleutherodactylidae	Neotropical Frogs	1	1
<i>Diasporus (Eleutherodactylus) diastema</i>	Dink Frog, Common Tink Frog	•	•
Family- Hylidae	New World Treefrogs	11	12
<i>Agalychnis callidryas</i>	Red-eyed Leaf Frog, Red-eyed Treefrog	•	•
<i>Cruziohyla calcarifer</i>	Splendid Leaf Frog, Barred Treefrog		•
<i>Dendropsophus ebraccatus</i>	Painted, Hourglass, Clown, or 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, or 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
<i>Leptodactylus melanonotus</i>	Sabinal or Black-Backed Frog	•	•
<i>Leptodactylus pentadactylus</i>	Smokey Jungle Frog, Central American Bullfrog	•	•
Family- Microhylidae	Microhylid frogs	0	1
<i>Gastrophryne pictiventris</i>	Southern Narrow-mouthed Toad		•
Family- Ranidae	Holarctic & Paleotropical Frogs	1	2
<i>Rana vaillanti</i>	Vaillant's Frog, Tropical Bullfrog	•	•
<i>Rana warszewitschii</i>			•
Family- Strabomantidae	Neotropical Frogs	0	1
<i>Pristimantis ridens</i>	Pygmy Rain Frog		•
TOTAL SPECIES:		108	124



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Compiled by: Todd Lewis, Tom Mason, Paul Grant and Greg Mayne
Caño Palma Biological Station herpetofauna list, revised 2010,
Tortuguero area herpetofauna list, revised 2008

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