Amphibians and Reptiles of Cocobolo Nature Reserve









Herpetofauna of the Cocobolo Nature Reserve

AMPHIBIANS - 47 (43 confirmed)

Caecilians - 1

Oscaecilia ochrocephala Caeciliidae

Salamanders - 2

Diasporus vocator

Bolitoglossa cf. cuna Plethodontidae Oedipina cf. complex Plethodontidae

Frogs & Toads - 44 (40 confirmed)

Atelopus limosus Bufonidae Rhaebo (Bufo) haematiticus Bufonidae ? Bufonidae Rhinella (Bufo) alata Rhinella (Bufo) marina Bufonidae Hyalinobatrachium colymbiphyllum Centrolenidae Sachatamia ilex Centrolenidae Teratohyla pulverata Centrolenidae Teratohyla spinosa Centrolenidae Craugastor 'bransfordii' Craugastoridae Craugastor crassidigitus Craugastoridae Craugastor fitzingeri Craugastoridae Craugastor gollmeri Craugastoridae Craugastor opimus Craugastoridae Craugastor tabasarae Craugastoridae Craugastoridae Craugastor talamancae Andinobates fulguritus Dendrobatidae Dendrobatidae Andinobates minutes Colostethus panamensis Dendrobatidae Dendrobatidae Dendrobates auratus Dendrobatidae Silverstoneia flotator Dendrobatidae Silverstoneia nubicola Diasporus diastema Eleutherodactylidae Diasporus quidditus Eleutherodactylidae

Hylidae Agalychnis callidryas Dendropsophus ebraccatus ? Hylidae Hylidae Hyloscirtus palmeri Hypsiboas boans Hylidae Hypsiboas rosenbergi Hylidae Scinax ruber Hylidae Smilisca phaeota Hylidae Smilisca sila Hylidae

Eleutherodactylidae

Engystomops pustulosus

Leptodactylidae

Leptodactylidae

Leptodactylidae

Leptodactylidae

Leptodactylidae

Leptodactylidae

Leptodactylidae

Leptodactylidae

Leptodactylidae

Rana warszewitschii ? Ranidae

Pristimantis cerasinus
Pristimantis cruentus
Strabomantidae
Pristimantis gaigei
Strabomantidae
Pristimantis pardalis
Pristimantis ridens
Pristimantis taeniatus
Strabomantidae
Strabomantidae

REPTILES -51 (48 confirmed)

Crocodilians -1

Caiman crocodiles Alligatoridae

Turtles - 1

Kinosternon scorpioides Kinosternidae

Lizards - 22

Gonatodes albogularis Gekkonidae
Hemidactylus garnotti Gekkonidae
Lepidoblepharis xanthostigma Gekkonidae
Sphaerodactylus lineolatus Gekkonidae
Thecadactylus rapicauda Gekkonidae

Anadia vittata Gymnophthalmidae
Echinosaura palmeri Gymnophthalmidae
Leposoma southi Gymnophthalmidae
Ptychoglossus festae Gymnophthalmidae

Norops apletophallus Iguanidae Norops capito Iguanidae Norops humilis Iguanidae Norops poecilopus Iguanidae Norops vittigerus Iguanidae Basiliscus basiliscus Iguanidae Corytophanes cristatus Iguanidae Enyalioides heterolepis Iguanidae Iguana iguana Iguanidae Scincidae Mabuya unimarginata Teiidae Ameiva ameiva Ameiva leptophrys Teiidae Teiidae Ameiva festiva

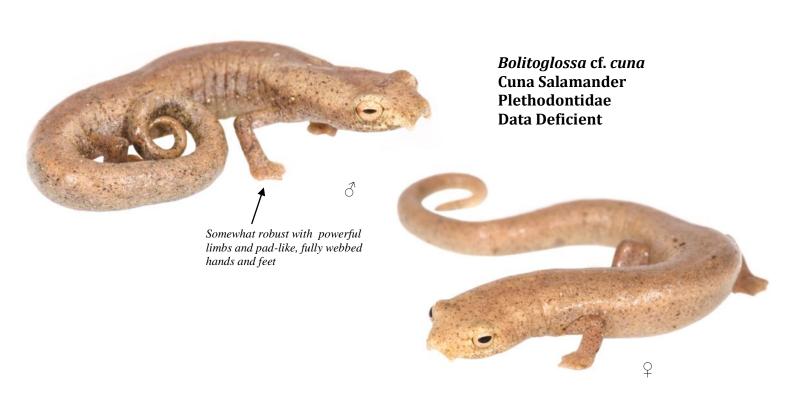
Snakes - 27 (25 confirmed)

Boidae Boa constrictor Corallus ruschenbergerii Boidae Chironius grandisquamis Colubridae Clelia clelia Colubridae Coniophanes fissidens Colubridae Dryadophis melanolomus Colubridae ? Colubridae Dryadophis pleei Enuliophis sclateri Colubridae Colubridae Imantodes cenchoa Imantodes inornatus Colubridae Leptophis depressirostris Colubridae Leptophis ahaetulla Colubridae Ninia maculate Colubridae Oxybelis aeneus Colubridae Oxybelis fulgidus Colubridae Oxyrhopus petola Colubridae Pseudoboa newiedii Colubridae Colubridae Pseustes poecilonotus Colubridae Sibon nebulatus Spilotes pullatus Colubridae Colubridae Urotheca euryzonus Micrurus multifasciatus Elapidae Elapidae Micrurus nigrocinctus Viperidae Bothriechis schlegelii Bothrops asper Viperidae Lachesis stenophrys Viperidae Porthidium nasutum Viperidae

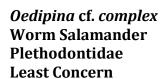
Caecilians



Salamanders









Frogs & Toads



Angular body; long, skinny limbs

Atelopus limosus Limosa Harlequin Toad Bufonidae Endangered





Rhaebo (Bufo) haematiticus Smooth-skinned Toad Bufonidae Least Concern

Smooth skin; large paratoid glands; 'dead leaf' color pattern



Juvenile





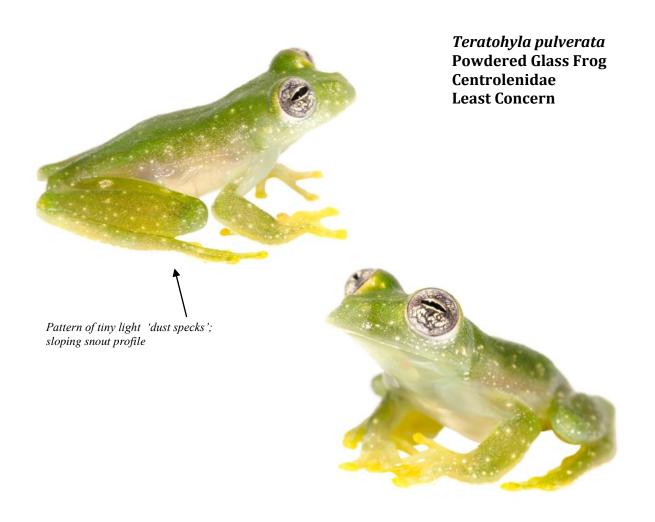


Hyalinobatrachium colymbiphyllum Bare-hearted Glass Frog Centrolenidae Least Concern

Truncated, vertical snout profile without raised nostrils; faint cream or yellow spots on a green dorsum; venter almost completely transparent—beating heart clearly visible

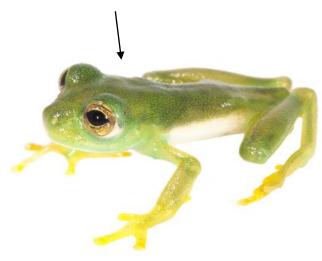








Teratohyla spinosa Dwarf Glass Frog Centrolenidae Least Concern Very small size—like a miniature version of <u>Sachatamia ilex</u> - but usually with bronze-colored iris and lacking raised nostrils; white membrane covers entire underside

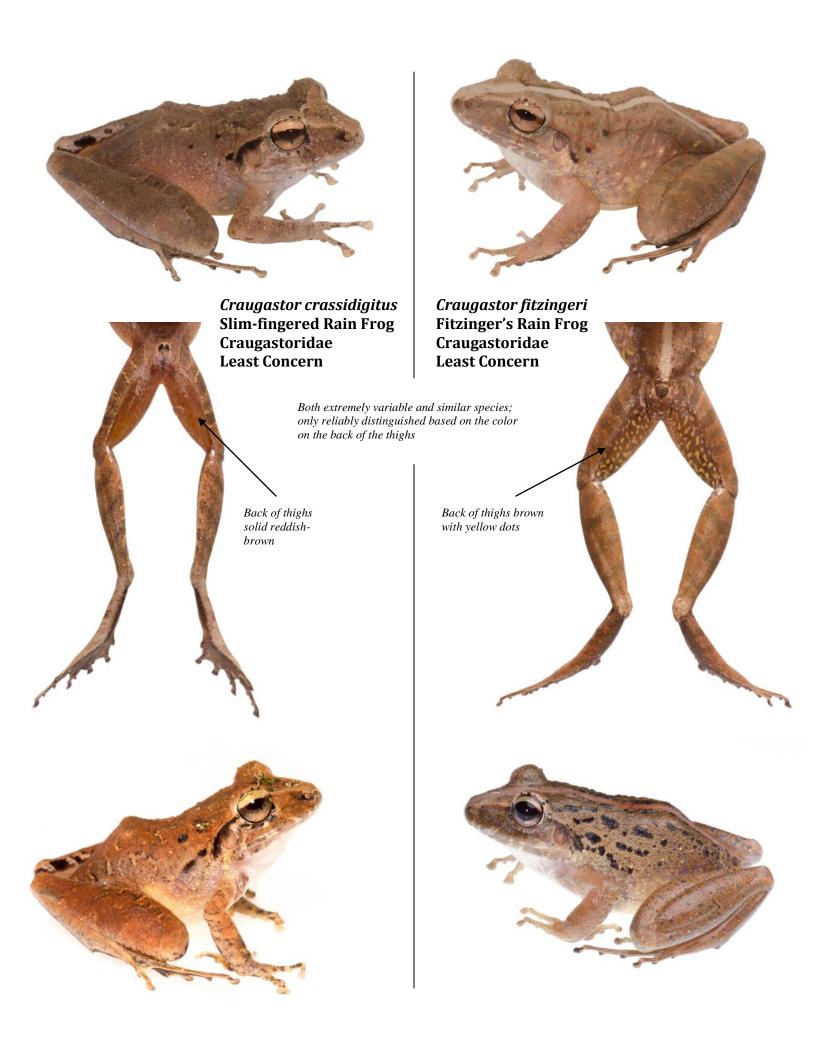






Craugastor gollmeri Southern Masked Rain Frog Craugastoridae Least Concern







Craugastor opimus Broad-headed Rain Frog Craugastoridae Least Concern

Somewhat toad-like with a very broad head; hourglass-shaped ridge on back; venter with pattern of light polka-dots.

Craugastor tabasarae Tabasara Rain Frog Craugastoridae Critically Endangered

Widely expanded disks on outer fingers; pointed tubercle on top of each eyelid; pointed heel tubercle; striking eyes





Craugastor talamancae Talamancan Rain Frog Craugastoridae Least Concern





Andinobates fulguritus Dwarf Poison-dart Frog Dendrobatidae Least Concern



Andinobates minutus Dwarf Poison-dart Frog Dendrobatidae Least Concern

Colostethus panamensis Rocket Frog Dendrobatidae Least Concern



Robust build, with powerful legs; lateral light stripe incomplete; yellow flash marks in groin



Silverstoneia flotator Rocket Frog Dendrobatidae Least Concern

Lateral light stripe runs from insertion of hind leg to eye





Lateral light stripe incomplete; vertical dark bars on hind limbs











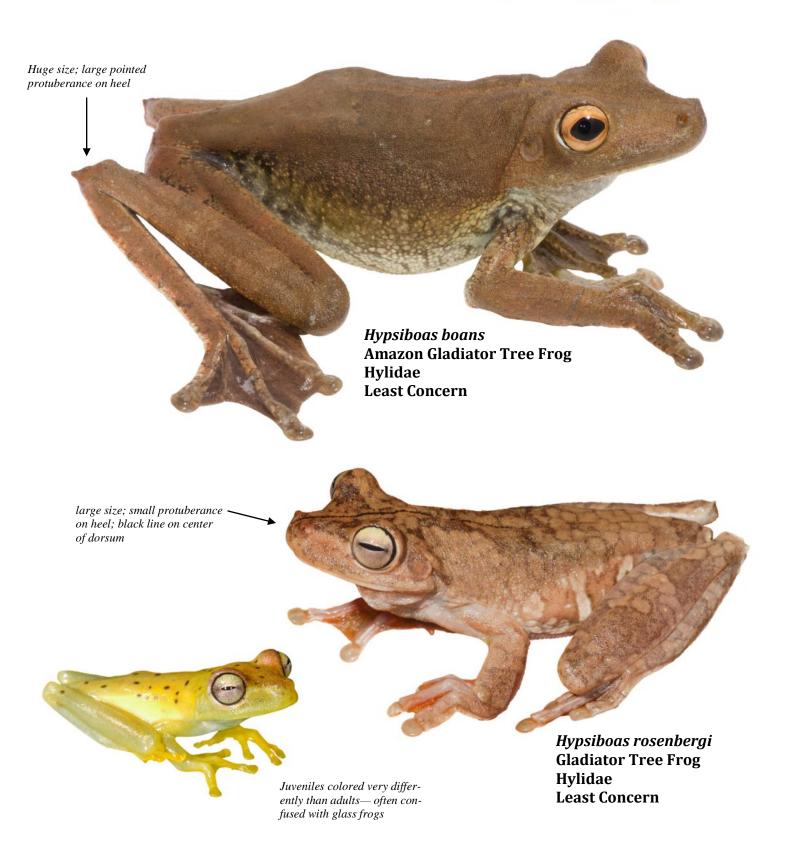
Dendropsophus ebraccatus Hourglass Tree Frog Hylidae Least Concern



Hyloscirtus palmeri Green Stream Frog Hylidae Least Concern

> Metamorph shown; adults call from below large boulders in rocky streams







Green or tan with dark brown mask; white stripe along upper lip and often with green on side of snout

Smilisca phaeota Masked Tree Frog Hylidae Least Concern





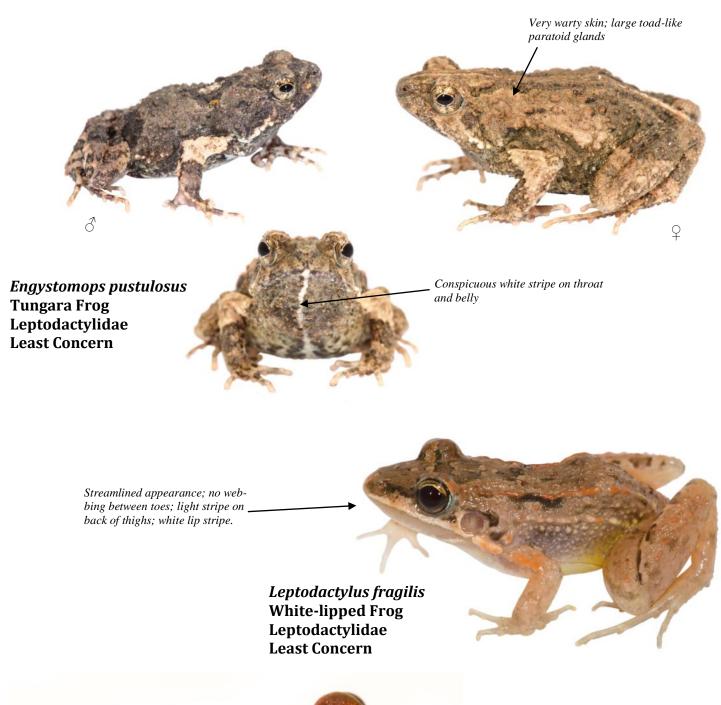
Smilisca sila Stream-breeding Tree Frog Hylidae Least Concern



Juveniles (and some adults) with pattern of small green spots

Skin fold over top of tympanum; skin granular; always found in or near rocky streams

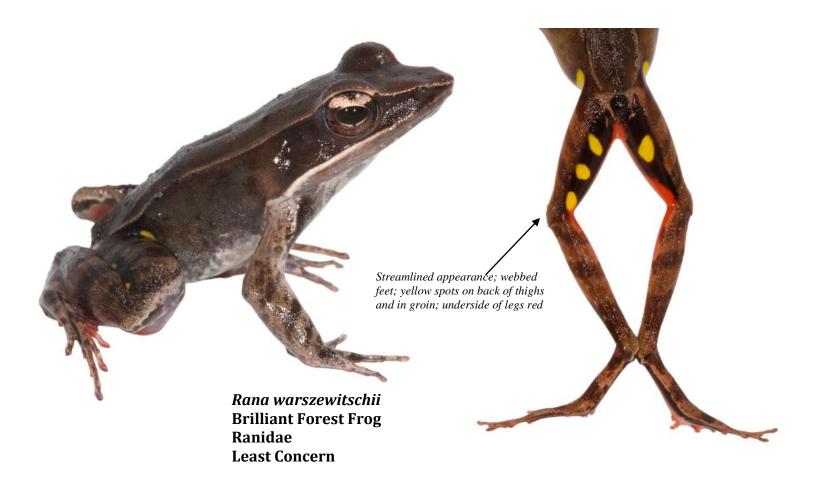


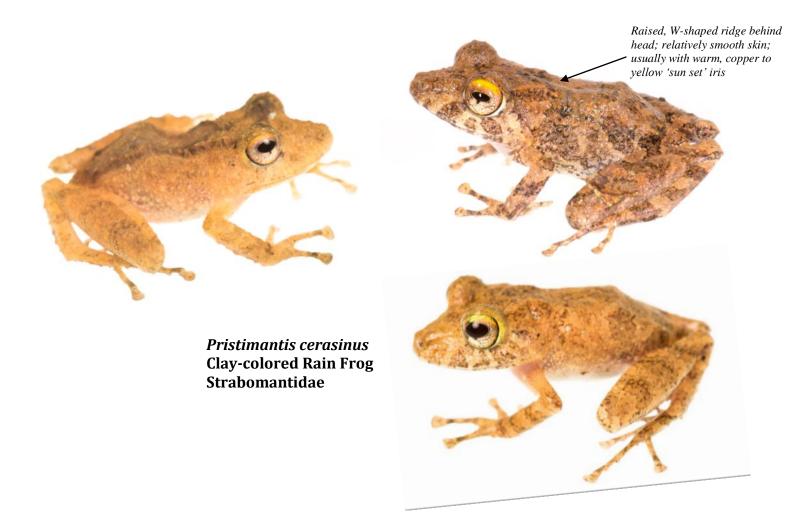














Pristimantis cruentus Golden-groined Rain Frog Strabomantidae Least Concern



Rugose skin with raised, W-shaped ridge behind head; strongly reticulated iris, barred pattern on legs and sides—often with a contrasting flash color (red, orange, yellow) in the groin area; pointed tubercle on heel



Pristimantis gaigei Mimicking Rain Frog Strabomantidae Least Concern

Striking pattern of orange dorsolateral stripes on dark background; sky-blue markings on the lower sides resembles toxic poison-dart frogs of the genus Phyllobates (not known to occur in Cocobolo Nature Reserve)

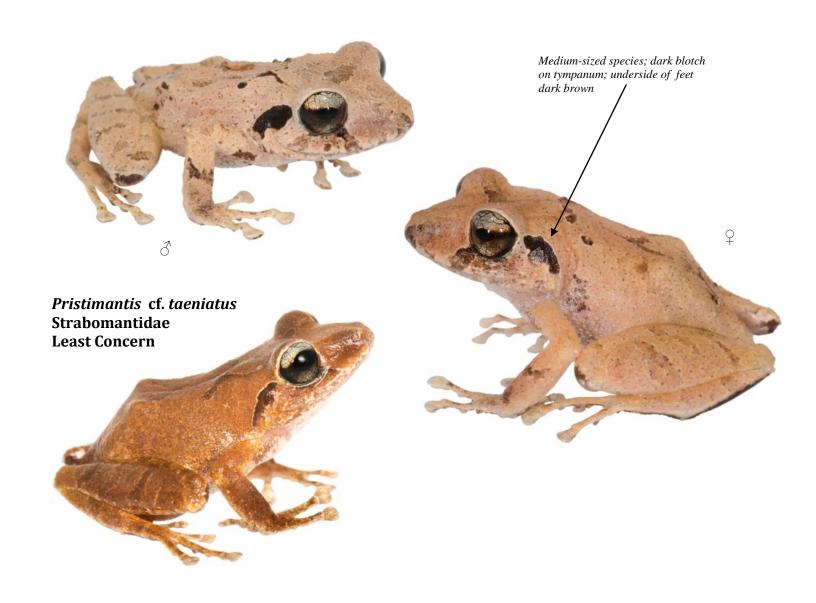
Photo by Sean Graesser



Pristimantis ridens Pygmy Rain Frog Strabomantidae Least Concern



Very small species; dark blotch on tympanum; reddish coloration in groin; extremely variable in coloration and pattern



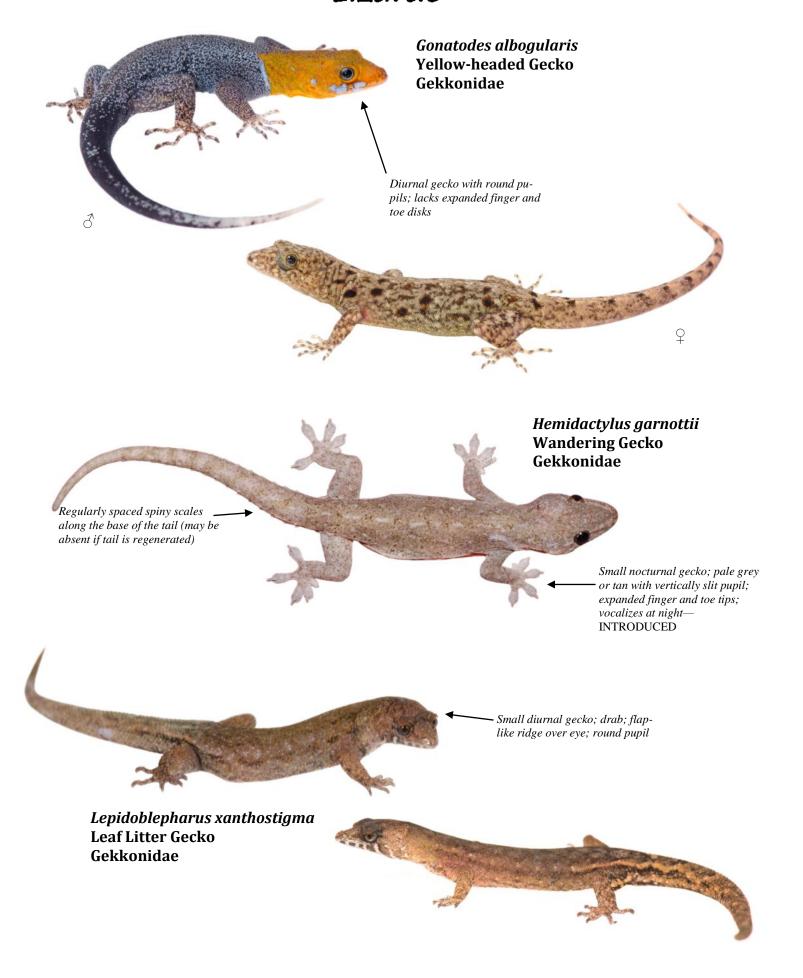
Crocodilians

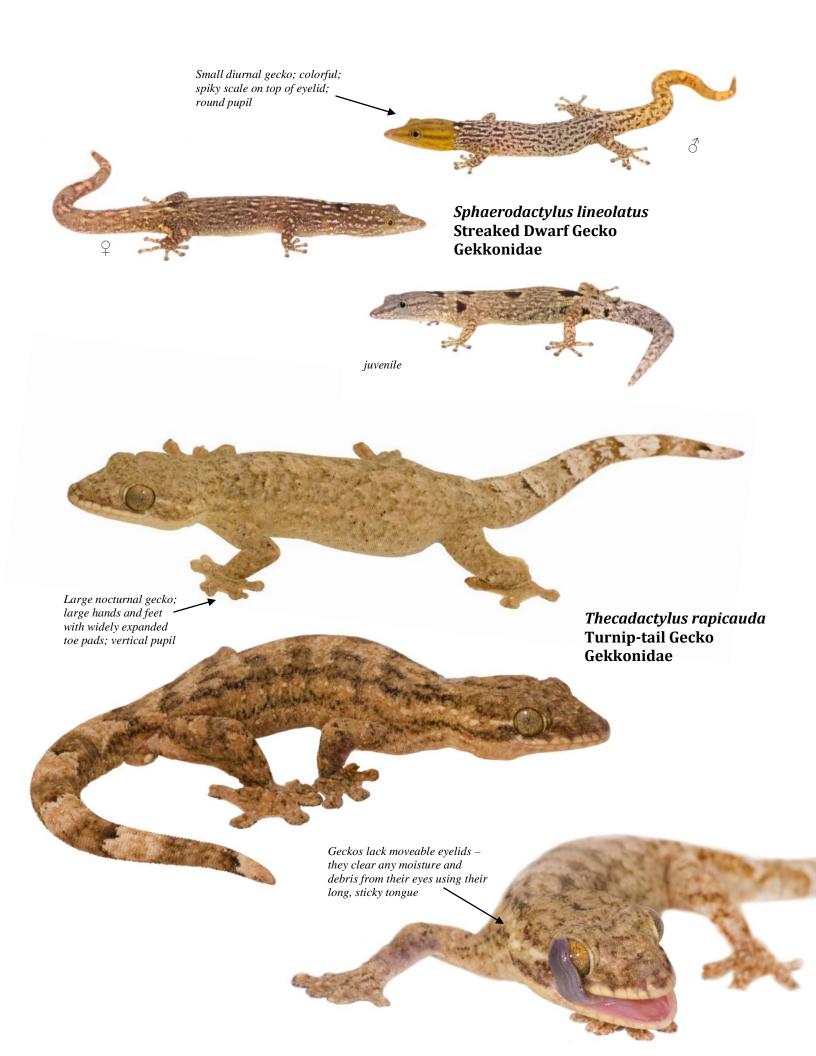


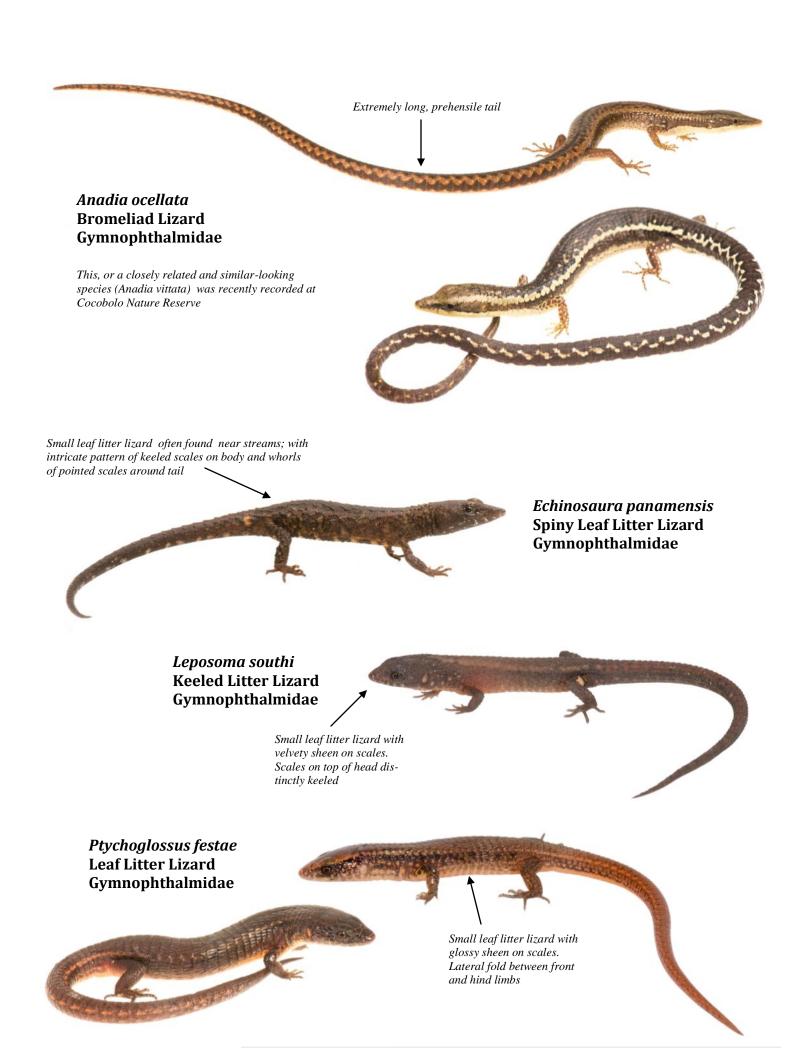
Turtles

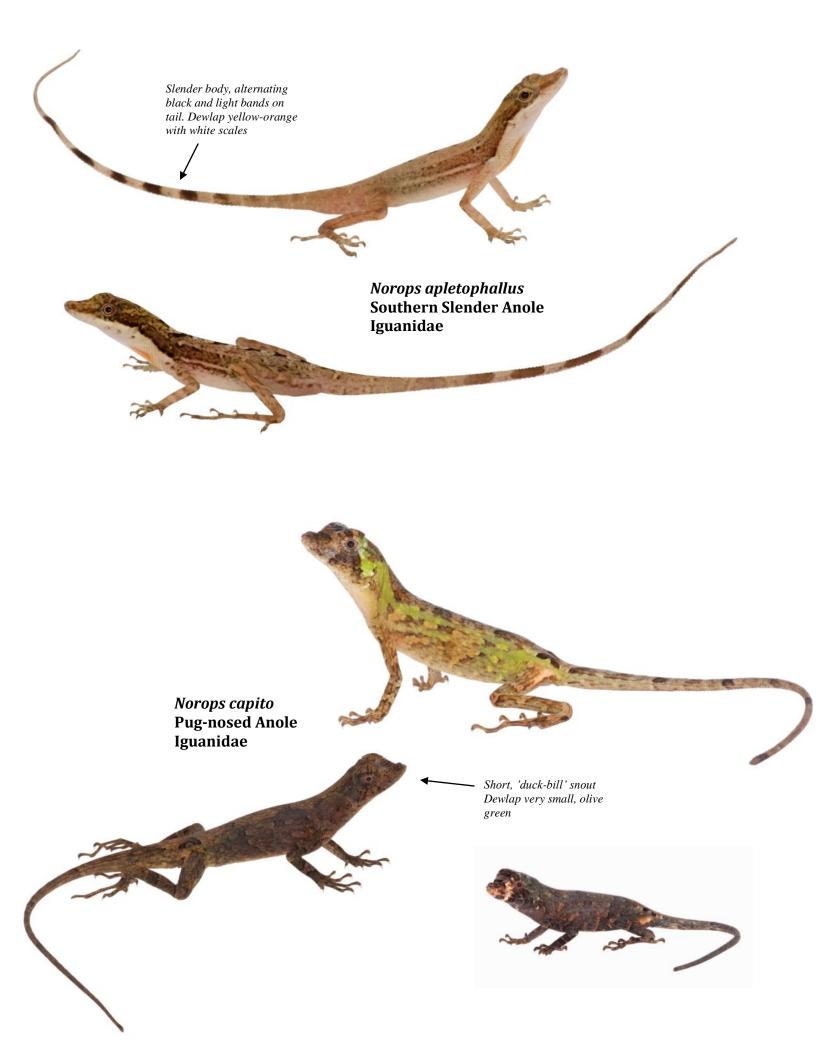


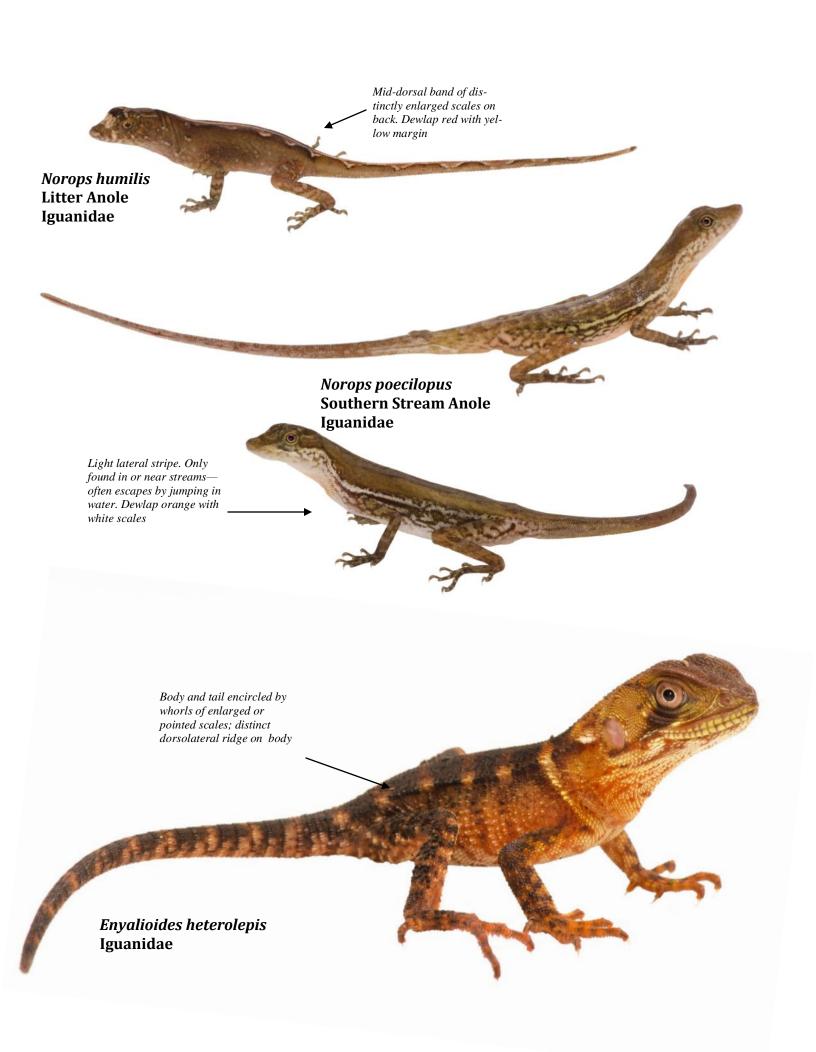
Lizards













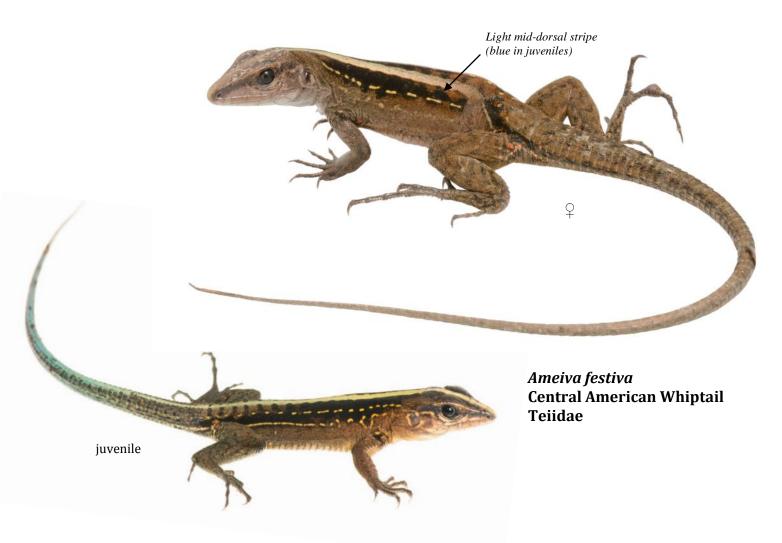


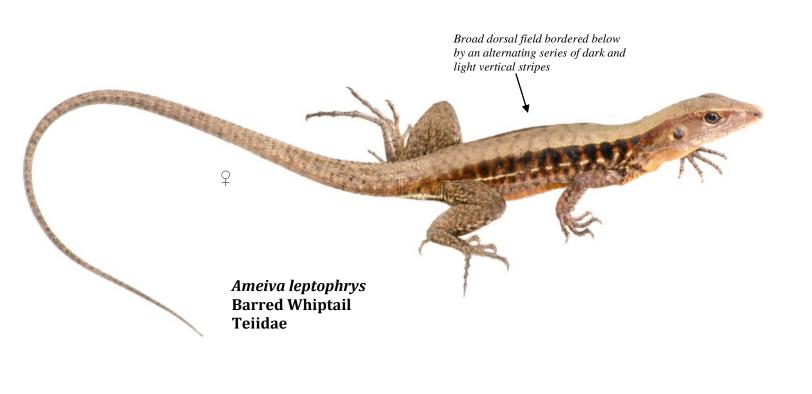


Iguana iguana Green Iguana Iguanidae



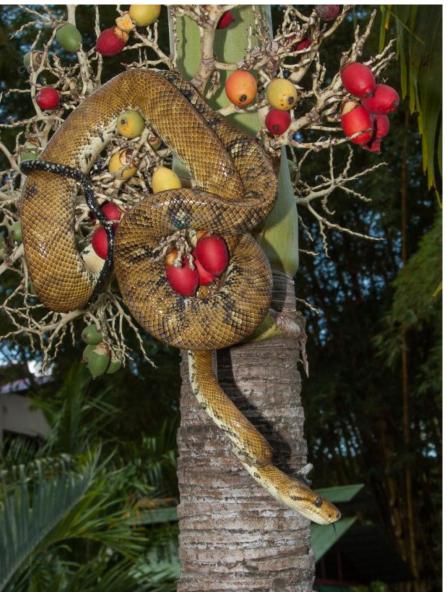






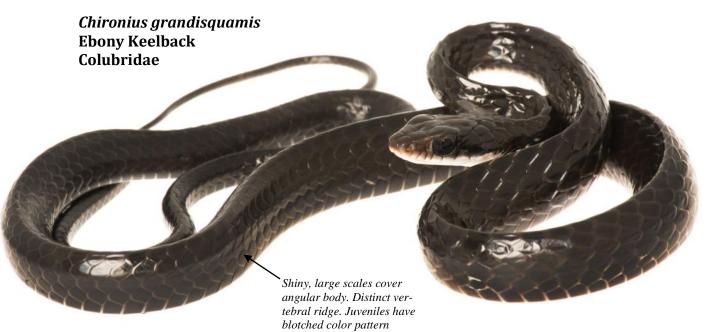
Snakes



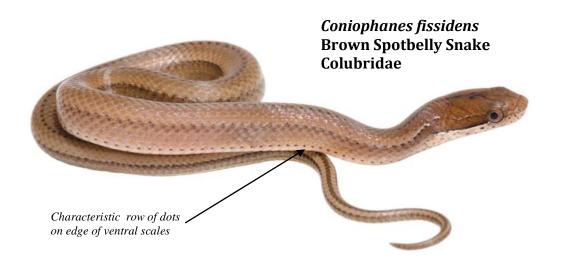


Corallus ruschenbergerii Pacific Tree Boa Boidae







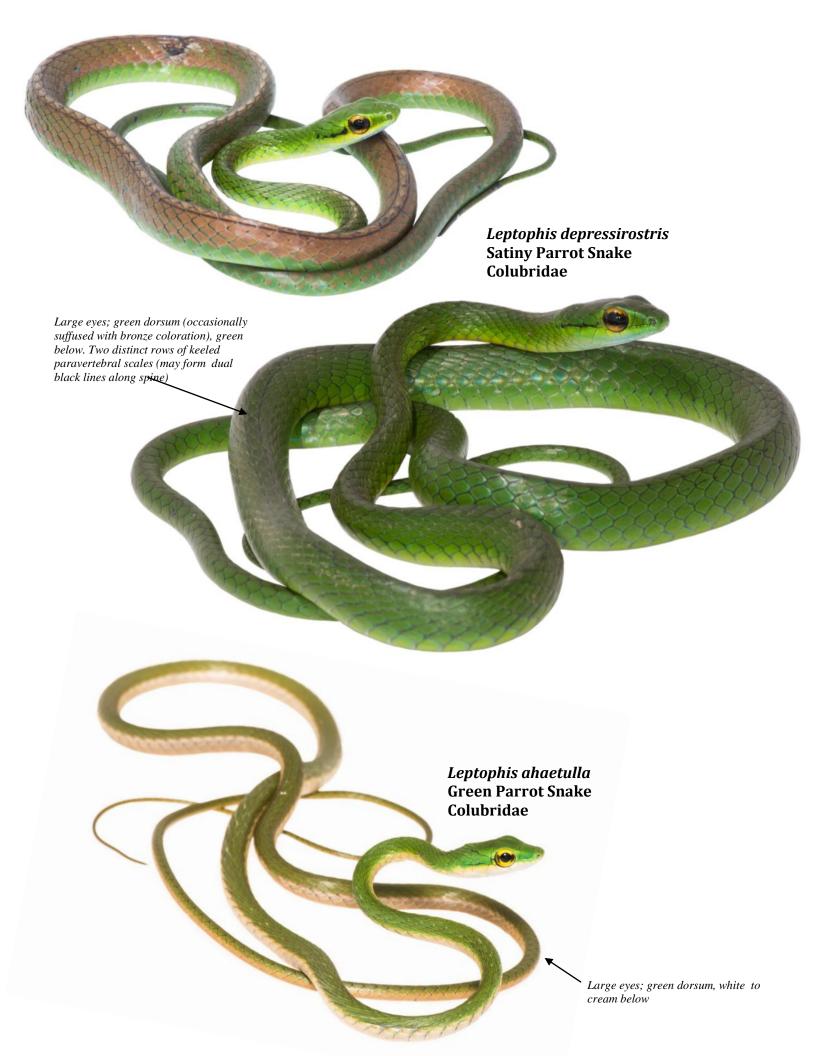


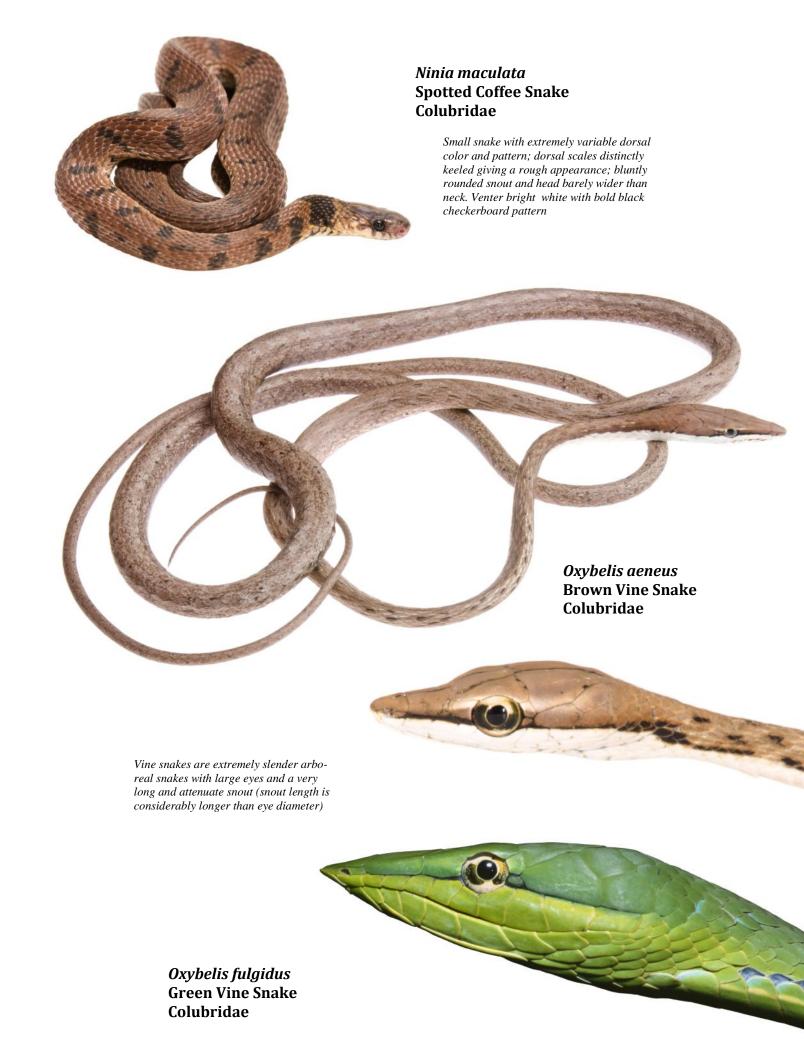


Strikingly colored with white head and dark body; very long tail that Enuliophis sclateri breaks easily when restrained White-headed Snake Colubridae **Imantodes inornatus Yellow Blunt-headed Vine Snake** Colubridae Very thin body; huge eyes; yellow-tan coloration Very thin body; huge eyes; greatly enlarged mid-dorsal scales Imantodes cenchoa

Brown Blunt-headed Vine Snake

Colubridae









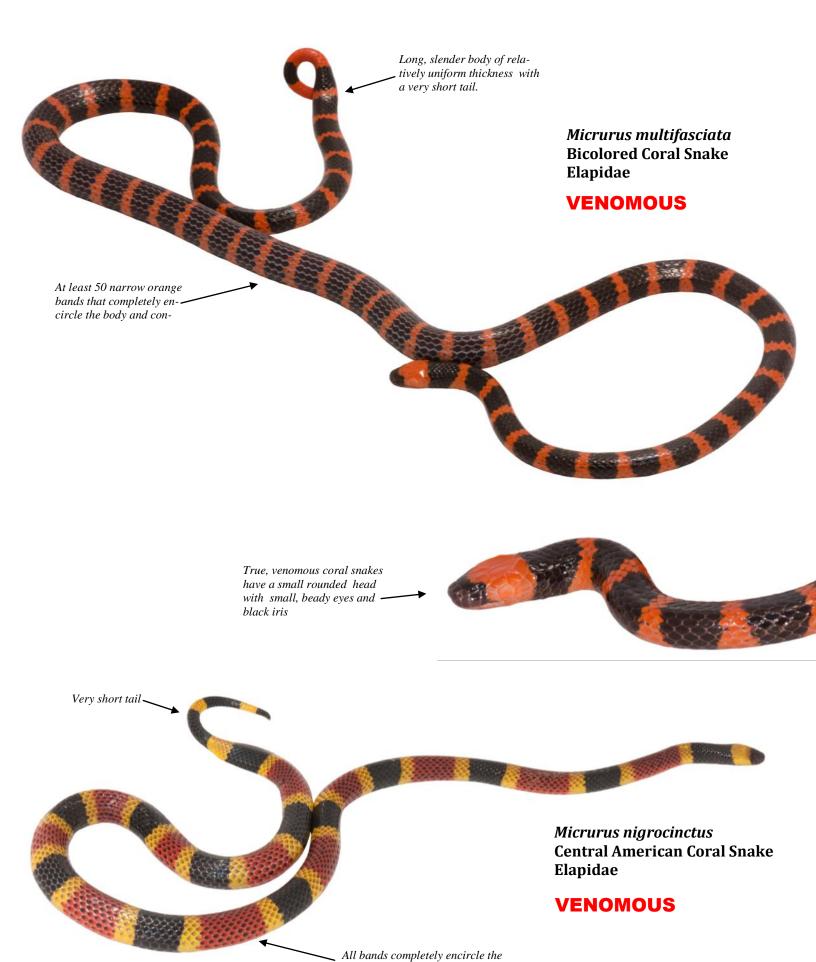
Spilotes pullatus Tiger Rat Snake Colubridae

Very large snake; variable pattern of black & yellowish-cream 'tiger stripes'

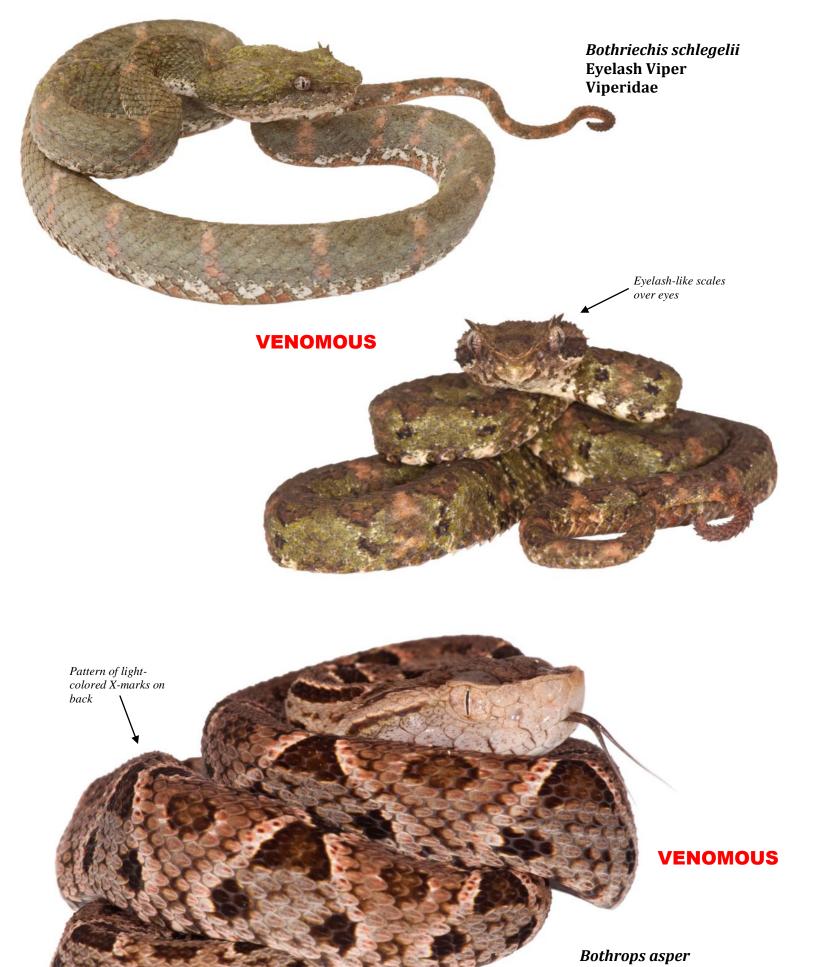








body; each red band bordered by white or yellow. Tail and head with



Fer-de-Lance Viperidae



Porthidium nasutum Hognosed Viper Viperidae







