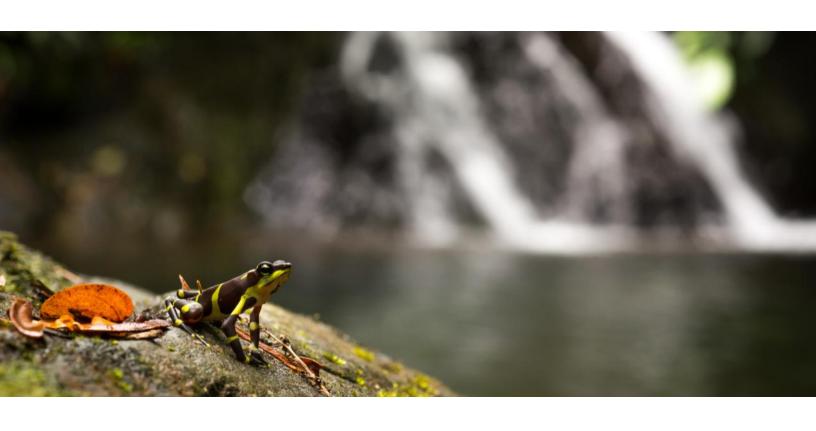
# Amphibians and Reptiles of Cocobolo Nature Reserve









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#### Herpetofauna of Cocobolo Nature Reserve - 113 spp.

Updated February 2017

#### **AMPHIBIANS - 52**

#### Caecilians - 1

Family Caeciliidae Oscaecilia ochrocephala

#### Salamanders - 5

Family Plethodontidae Bolitoglossa biseriata Bolitoglossa cuna Bolitoglossa sp. Bolitoglossa medemi Oedipina aff. complex

#### Frogs & Toads - 46

Family Bufonidae Atelopus limosus Rhaebo haematiticus Rhinella marina

Family Centrolenidae

Cochranella granulosa

Hyalinobatrachium cf. colymbiphyllum Hyalinobatrachium fleischmanni

Sachatamia ilex Teratohyla pulverata

Teratohyla spinosa

Family Craugastoridae

Craugastor aff. polyptychus Craugastor crassidigitus Craugastor fitzingeri

Craugastor gollmeri Craugastor opimus

Craugastor talamancae

Family Dendrobatidae

Andinobates fulguritus Andinobates minutus

Colostethus panamensis

Colostethus pratti

Dendrobates auratus Silverstoneia flotator

Silverstoneia nubicola (?)

Family Eleutherodactylidae

Diasporus diastema

Diasporus quidditus

Diasporus aff. vocator

Family Hylidae

Agalychnis callidryas

(Dendropsophus ebraccatus)

Hyloscirtus palmeri

Hypsiboas boans

(Hypsiboas rosenbergi)

Scinax ruber

Smilisca phaeota

Smilisca sila

Family Leptodactylidae

Engystomops pustulosus Leptodactylus fragilis

Leptodactylus melanonotus

Leptodactylus savagei

Family Microhylidae

Ctenophryne aterrima

Family Ranidae

(Rana warszewitschii)

Family Strabomantidae

Pristimantis cerasinus Pristimantis cruentus

Pristimantis gaigei

Pristimantis pardalis

Pristimantis ridens

Pristimantis taeniatus

Pristimantis sp.

#### **REPTILES –61**

#### Crocodilians -1

Family Alligatoridae Caiman crocodilus

#### Turtles - 1

Family Kinosternidae Kinosternon scorpioides

#### Worm Lizards—1

Family Amphisbaenidae Amphisbaena varia

#### Lizards - 25

Family Gekkonidae Hemidactylus garnotti

Lepidodactylus lugubris Family Phyllodactylidae

Thecadactylus rapicauda

Family Sphaerodactylidae

Gonatodes albogularis

Lepidoblepharis xanthostigma

Sphaerodactylus lineolatus

Family Gymnophthalmidae

Anadia vittata

Echinosaura panamensis

Loxopholis southi

Ptychoglossus festae

Family Corytophanidae

Basiliscus basiliscus

Corytophanes cristatus

Family Dactyloidae

Anolis apletophallus

Anolis capito

Anolis elcopeensis

Anolis humilis

Anolis insignis

Anolis poecilopus

Anolis vittigerus

Family Hoplocercidae

Enyalioides heterolepis

Family Iquanidae Iguana iguana

Family Mabuyidae

Marisora unimarginata

Family Teiidae

Ameiva ameiva

Holcosus festivus

Holcosus leptophrys

#### Snakes - 33

Family Boidae

Boa constrictor

Family Colubridae

Chironius grandisquamis

Dendrophidion percarinatum

(Drymarchon melanurus)

Leptophis ahaetulla

Leptophis depressirostris

Mastigodryas melanolomus

Oxybelis aeneus

Oxybelis fulgidus

Phrynonax poecilonotus

Rhinobothryum bovallii

Spilotes pullatus

Stenorrhina degenhardtii

Tantilla schistosa

Family Dipsadidae

Clelia clelia

Coniophanes fissidens

Dipsas articulata

Enuliophis sclateri

Geophis hoffmani

Imantodes cenchoa

Imantodes inornatus

Leptodeira rhombifera

Ninia maculata

Oxyrhopus petolarius

Pliocercus euryzonus

Pseudoboa newiedii Sibon nebulatus

Urotheca fulviceps

Family Elapidae

Micrurus multifasciatus

Micrurus nigrocinctus

Family Viperidae

Bothriechis schlegelii Bothrops asper

Porthidium nasutum

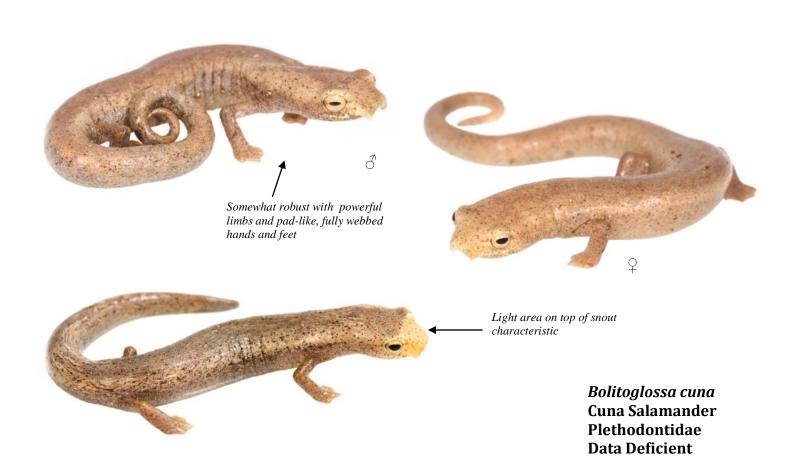
## Caecilians



## Salamanders









# Frogs & Toads



Atelopus limosus Limosa Harlequin Toad Bufonidae Endangered





Rhaebo haematiticus Smooth-skinned Toad Bufonidae Least Concern

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

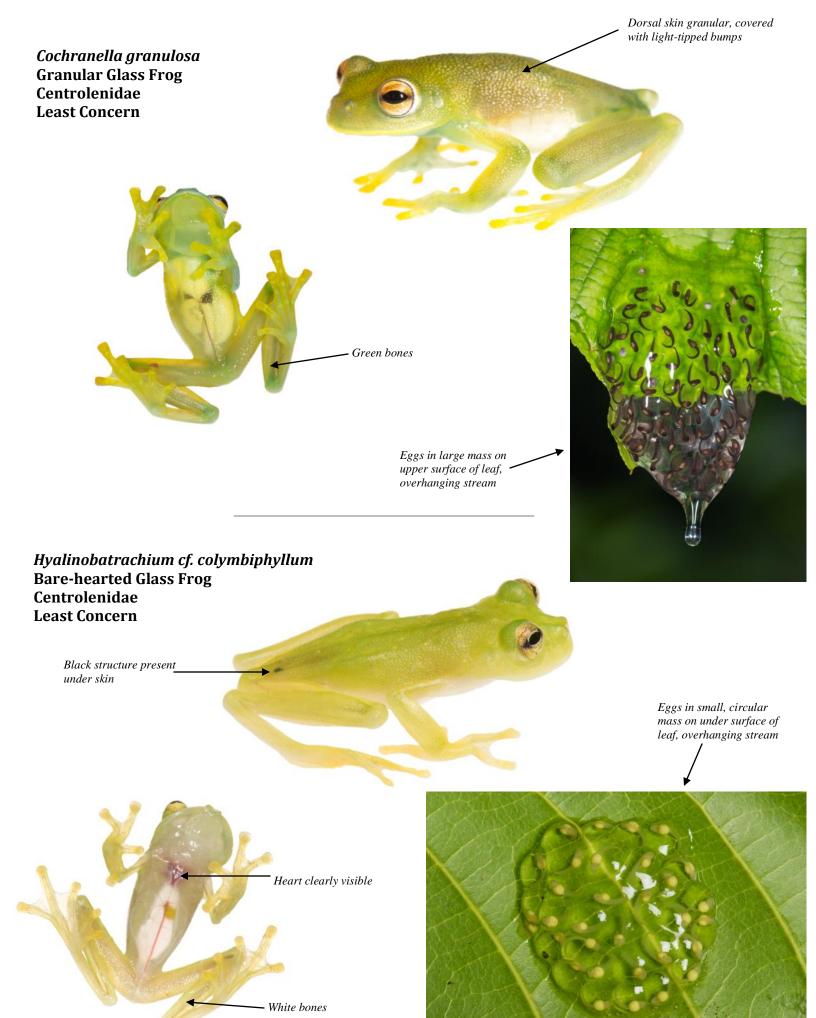


Juvenile



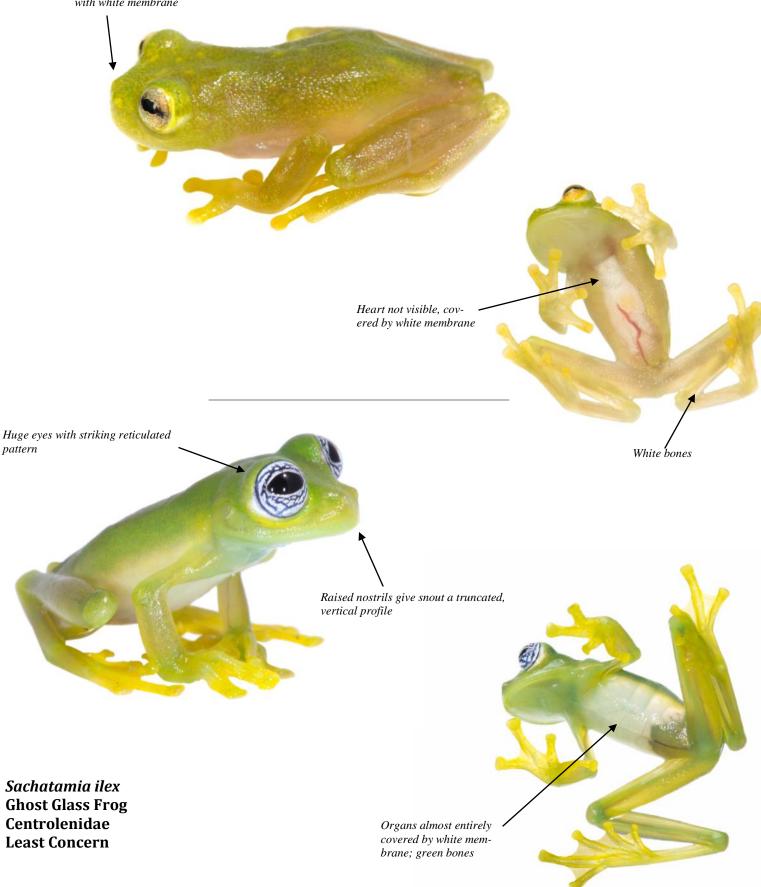


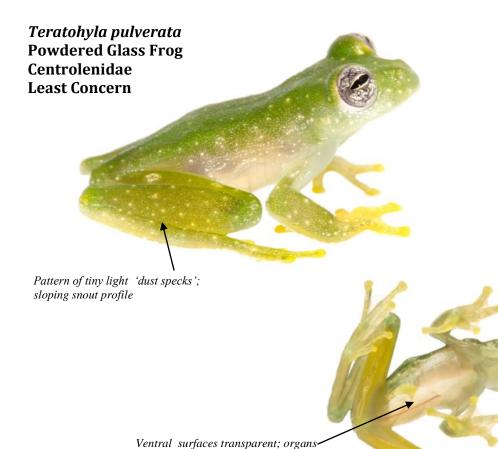
dangerous!



#### Hyalinobatrachium fleischmanni Fleischmann's 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 but covered with white membrane





covered with white membrane



Egg masses circular and often greatly swollen (to golf ball-size); jelly somewhat opaque, making it difficult to see embryos



Ventral surfaces opaque and white; more of organs visible than in <u>S. ilex</u>

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



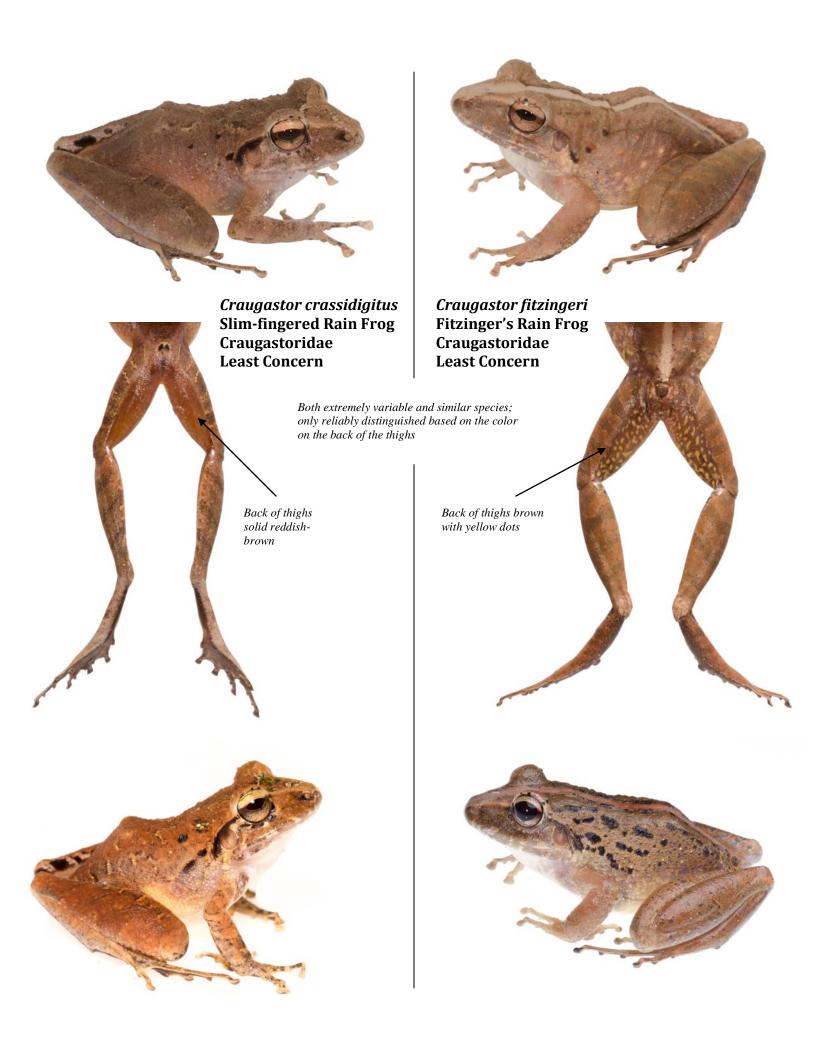
Teratohyla spinosa Dwarf Glass Frog Centrolenidae Least Concern



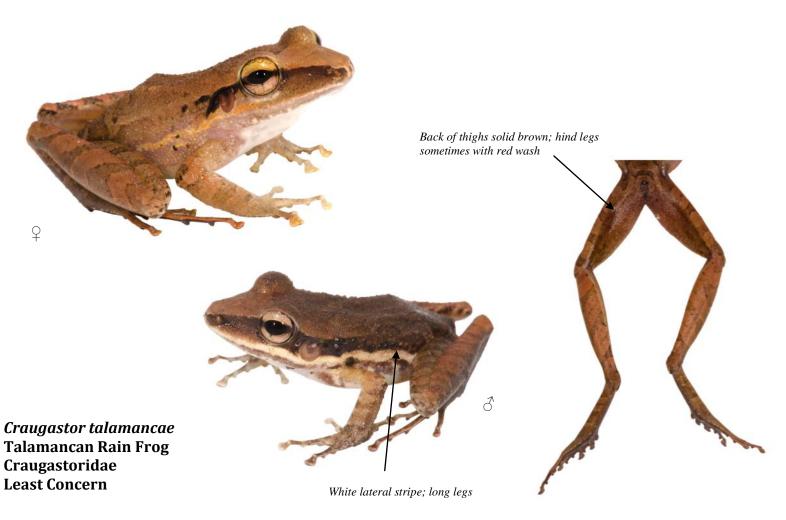


Craugastor gollmeri Southern Masked Rain Frog Craugastoridae Least Concern











Andinobates fulguritus Dwarf Poison-dart Frog Dendrobatidae Least Concern



Andinobates minutus Dwarf Poison-dart Frog Dendrobatidae Least Concern



Dendrobates auratus Green-and-Black Poison-dart Frog Dendrobatidae Least Concern



Colostethus panamensis Panamanian Rocket Frog Dendrobatidae Least Concern



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

Robust build, with powerful legs; venterolateral light stripe complete and continuous with lip stripe; usually with a small white dot near insertion of hind limbs



Colostethus pratti Pratt's Rocket Frog Dendrobatidae Least Concern

Silverstoneia flotator Rocket Frog Dendrobatidae Least Concern



Lateral light stripe runs from insertion of hind leg to eye

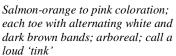




Lateral light stripe incomplete; vertical dark bars on hind limbs

Silverstoneia nubicola (?) Rocket Frog Dendrobatidae Near Threatened





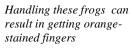


Diasporus diastema Common Tink Frog Eleutherodactylidae Least Concern

Very similar to Common Tink Frog, but smaller, more rugose skin; tan with dark brown blotches; terrestrial, found in stream beds

Diasporus quidditus Tink Frog Eleutherodactylidae Least Concern









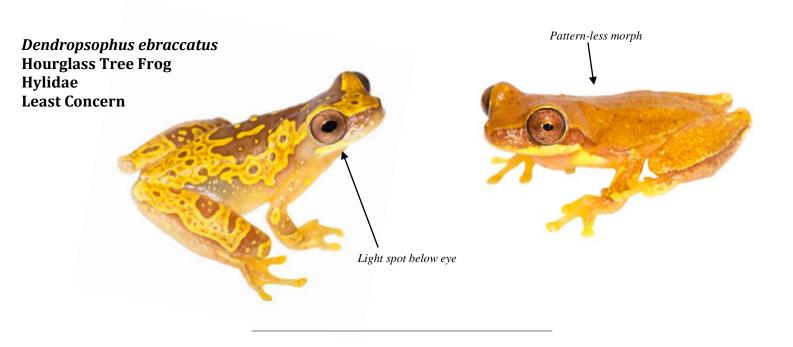
of eye)

Very similar to Common Tink Frog, but smaller; relatively large eyes and short snout (about as long as diameter

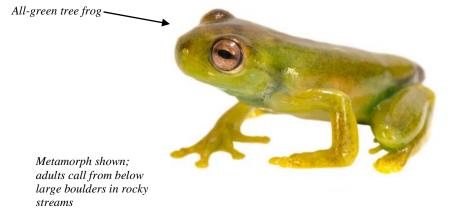


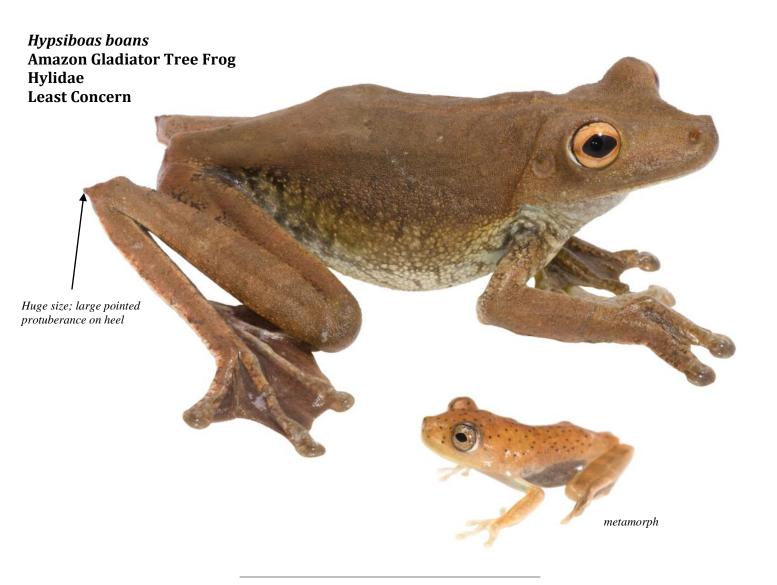
Diasporus aff. vocator Tink Frog Eleutherodactylidae Least Concern

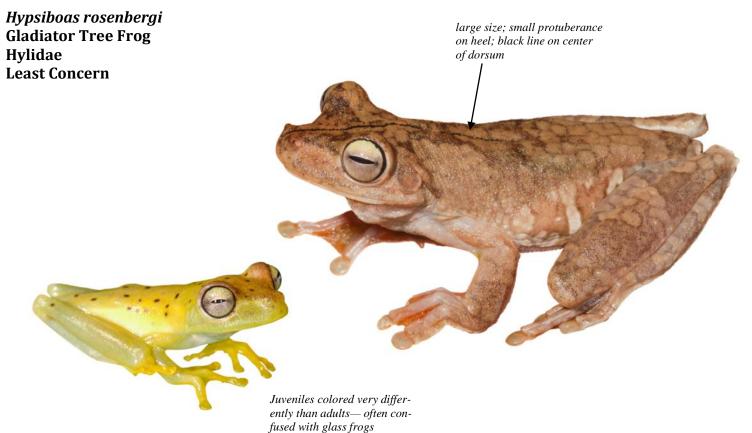




Hyloscirtus palmeri Green Stream Frog Hylidae Least Concern







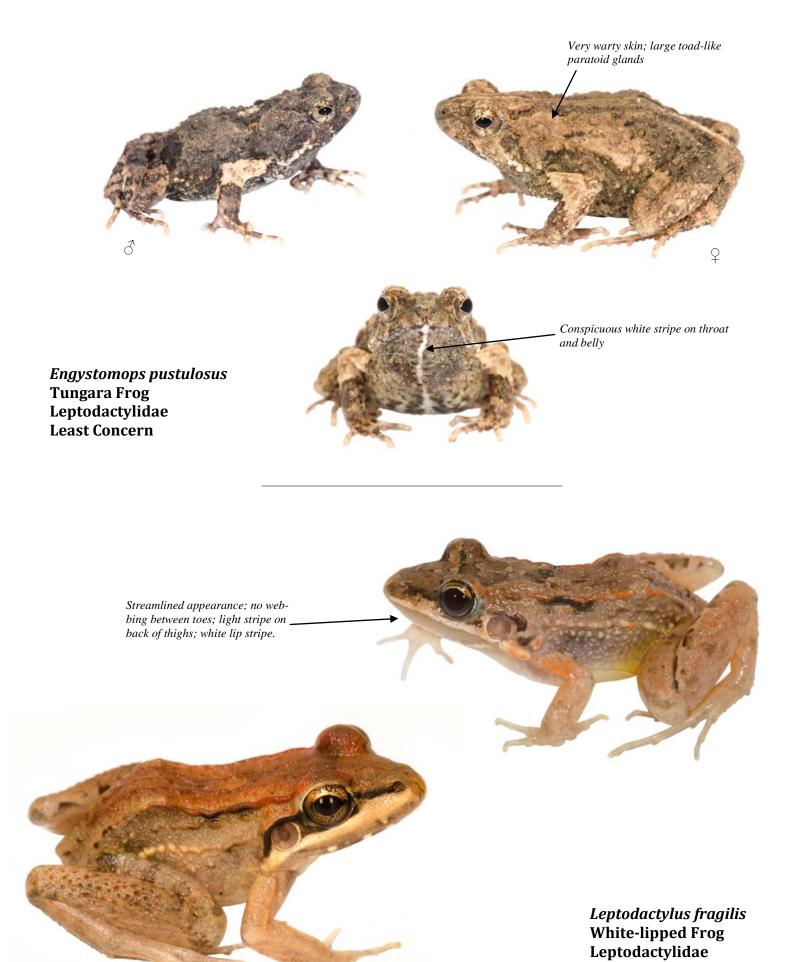
Scinax ruber Long-snouted Tree Frog Hylidae Least Concern

Yellow coloration on the hidden surfaces of the hind limbs, marked with dark spots









**Least Concern** 



Leptodactylus melanonotus Black-backed Frog Leptodactylidae Least Concern



Vocal sacs emerge from below lower jaw in calling males



Juvenile; note the characteristic series of lateral skin folds

Central American Bullfrog Leptodactylidae Least Concern

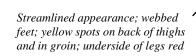
Ctenophryne aterrima Black Narrow-mouthed Frog Microhylidae Least Concern



All-black, with transverse skin fold across top of the head, behind the eyes

Rana (Lithobates) warszewitschii Brilliant Forest Frog Ranidae Least Concern

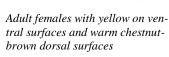






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Juveniles with dark brown sides





Pristimantis cerasinus Clay-colored Rain Frog Strabomantidae Least Concern



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



Widely expanded disks on outer fingers; pointed tubercle on top of each eyelid; pointed heel tubercle; striking eyes; black-and-white spots in groin; large size.



Pristimantis sp. Strabomantidae Not Assessed



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)



Pristimantis pardalis Silver-spotted Rain Frog Strabomantidae Near Threatened

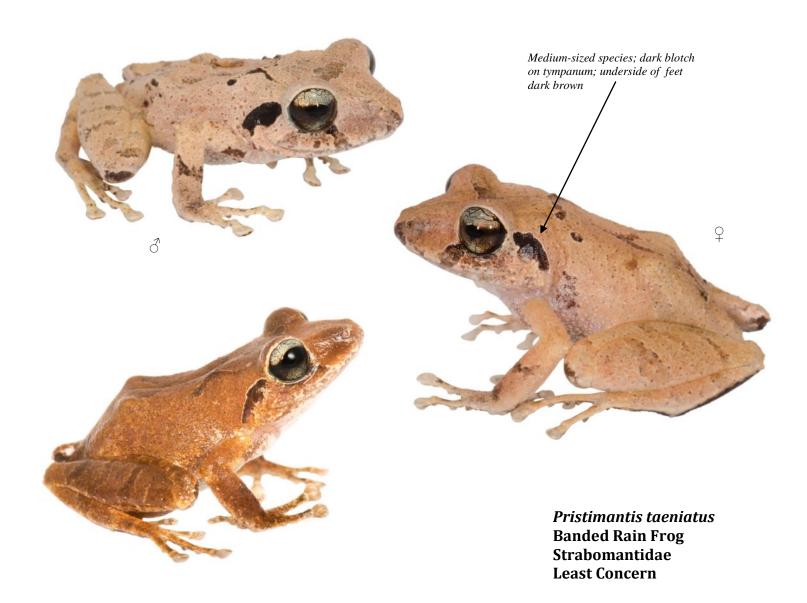




Pristimantis ridens Pygmy Rain Frog Strabomantidae Least Concern



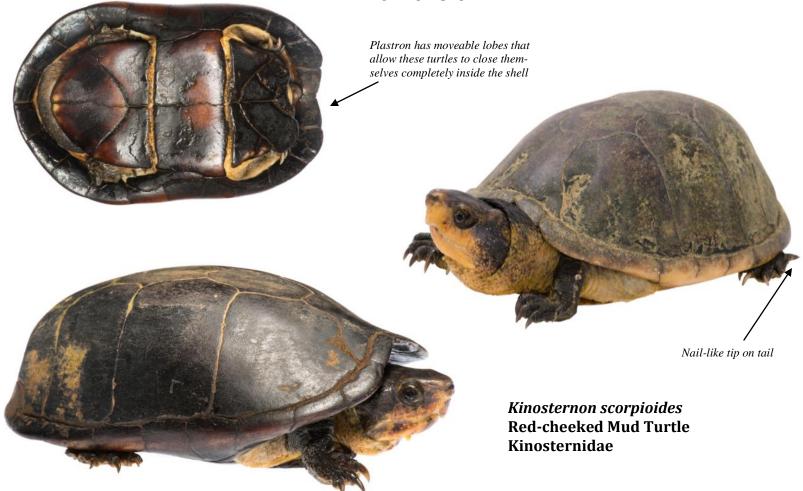
Very small species; dark blotch on tympanum; reddish coloration in groin; extremely variable in coloration and pattern

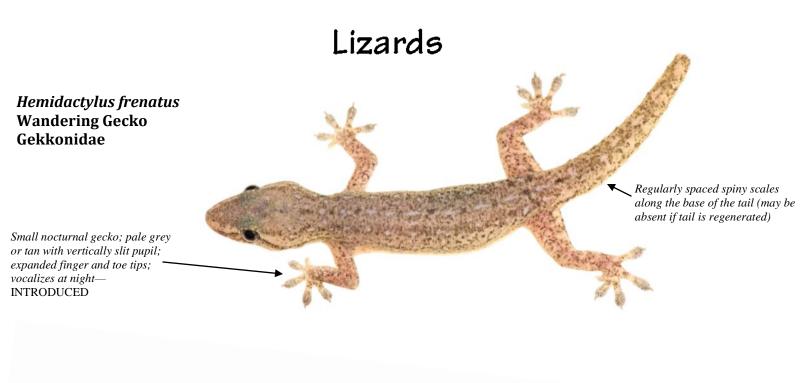


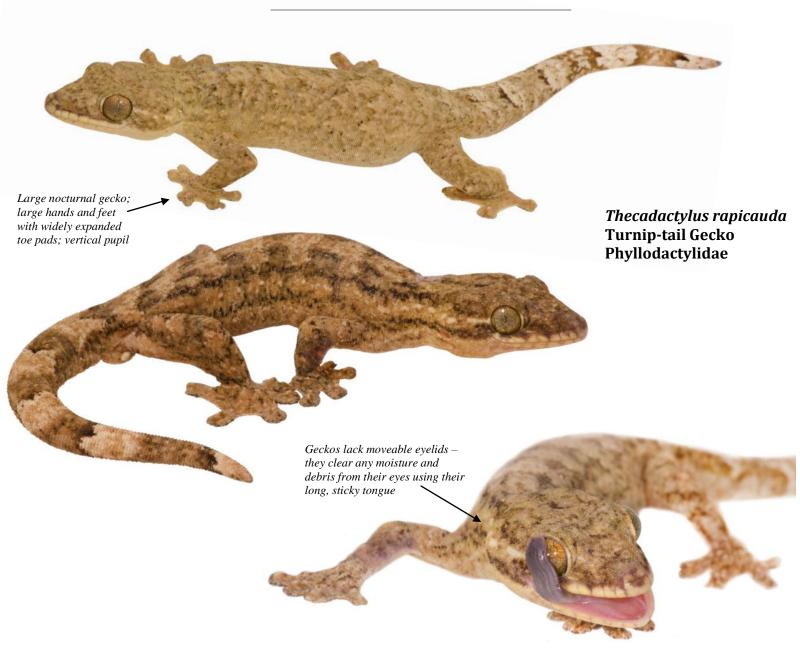
# Crocodilians

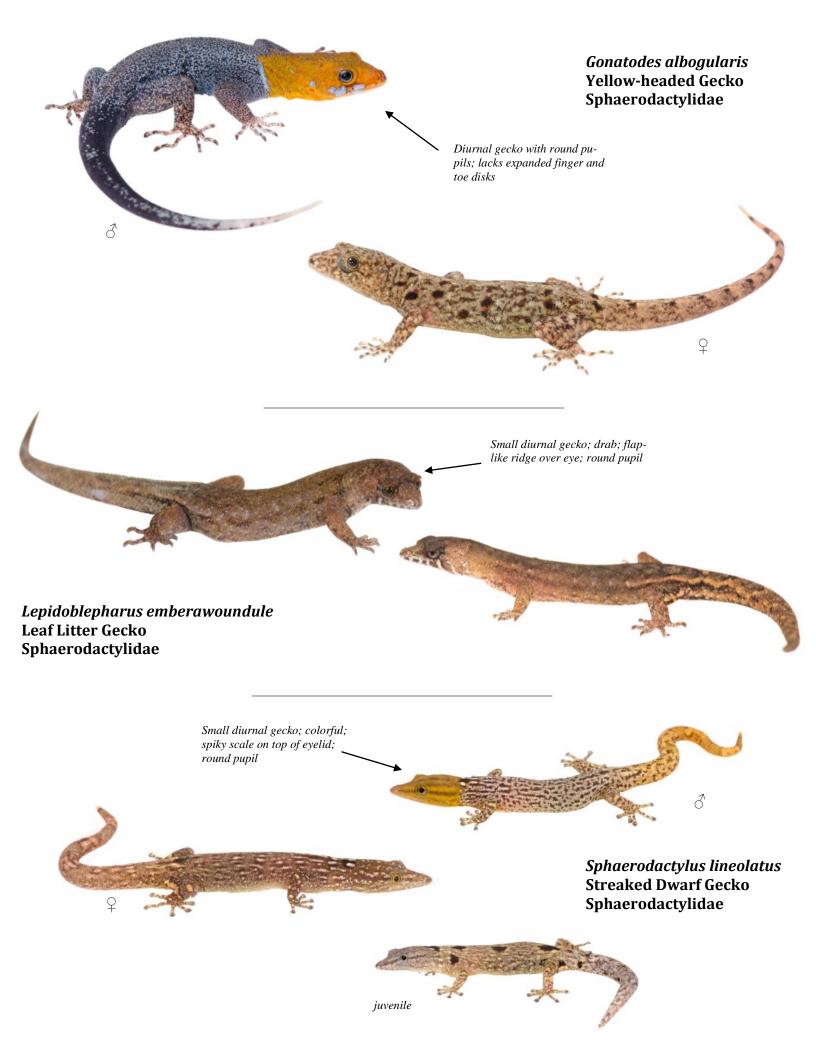


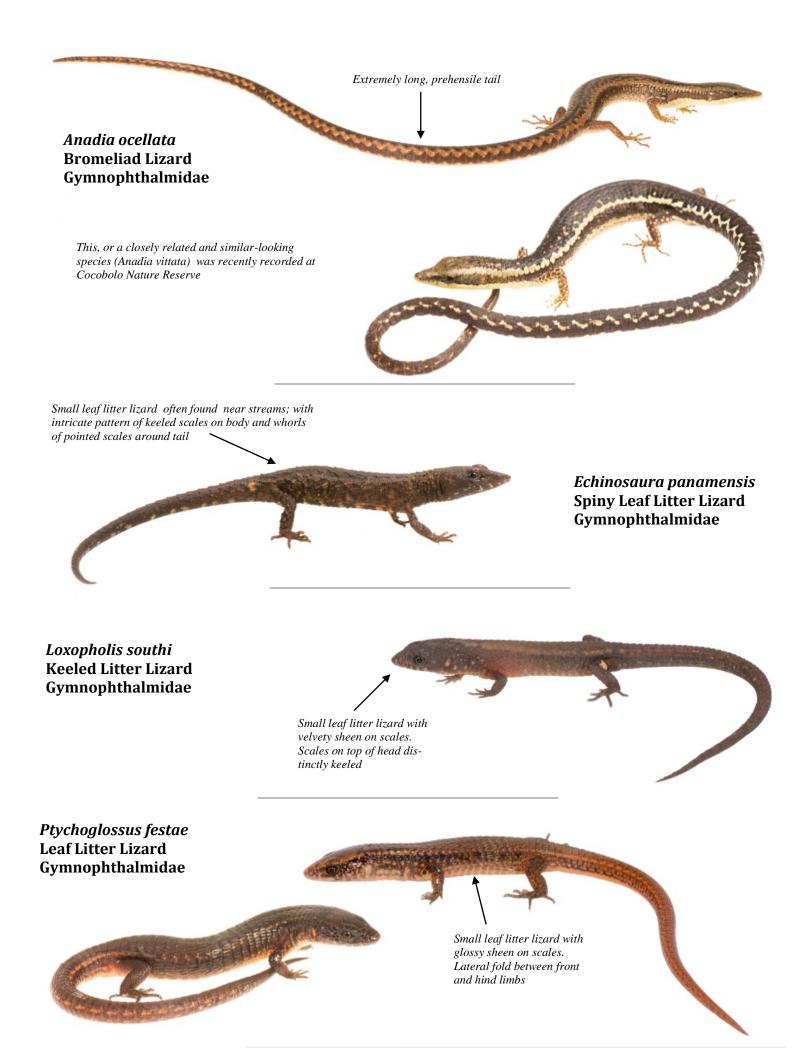


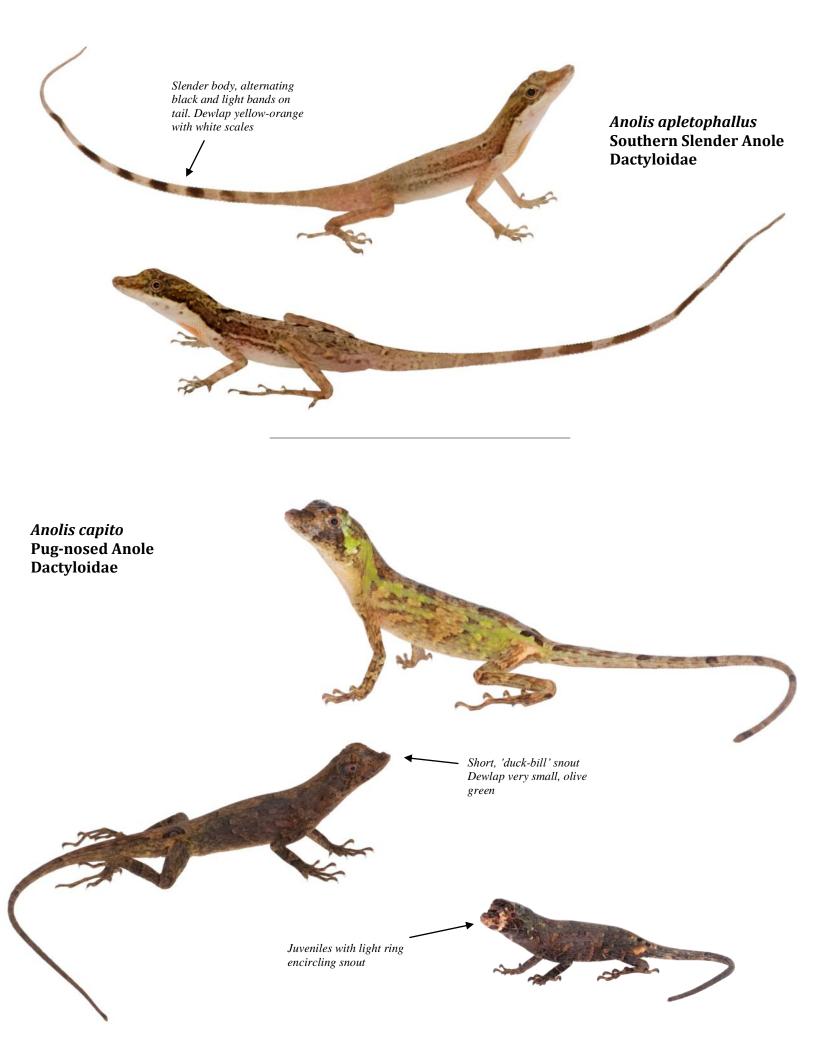


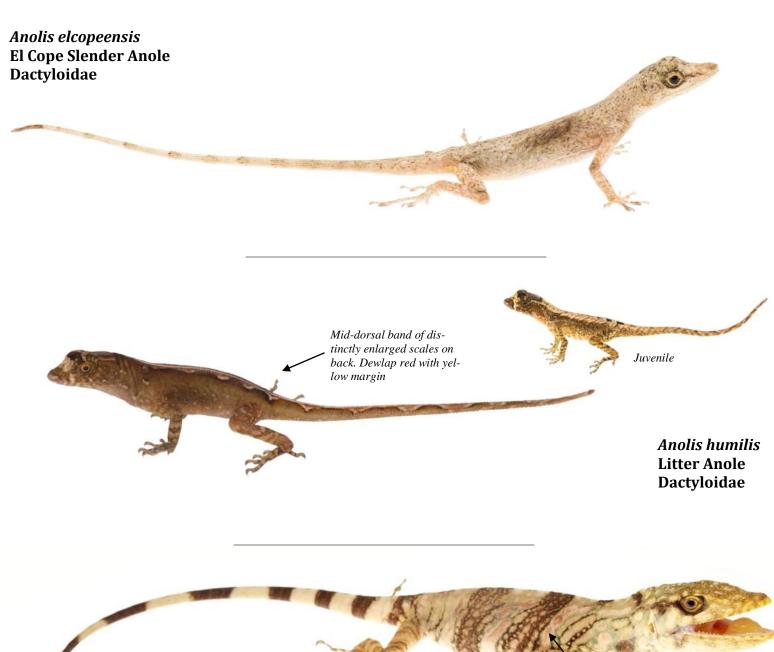




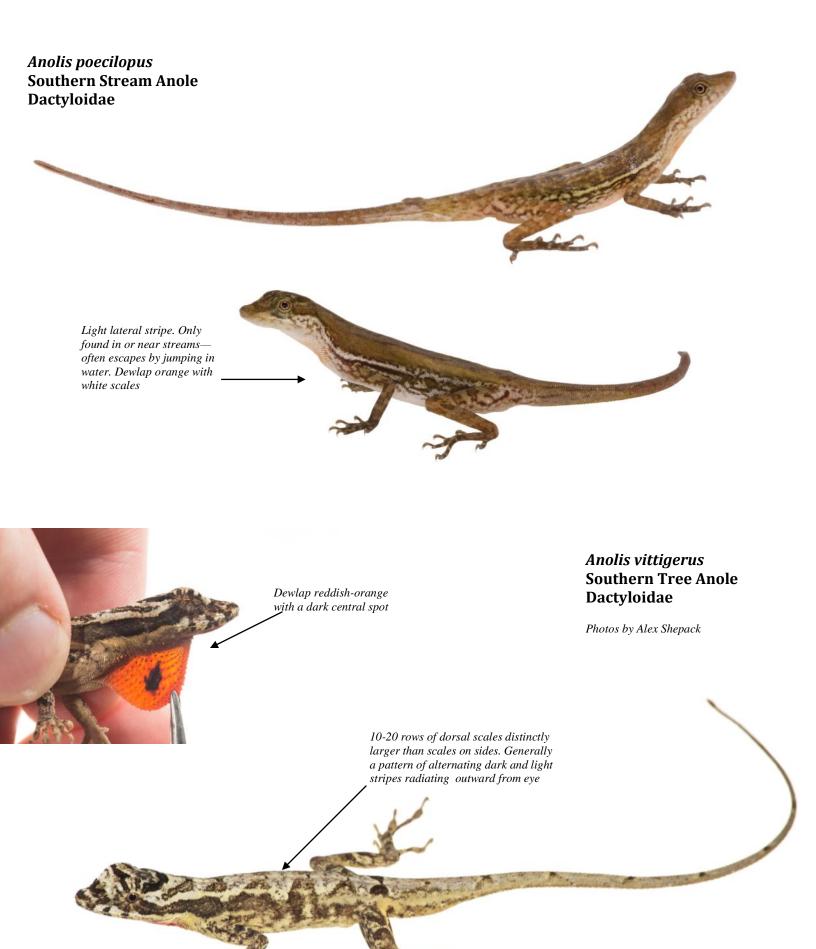














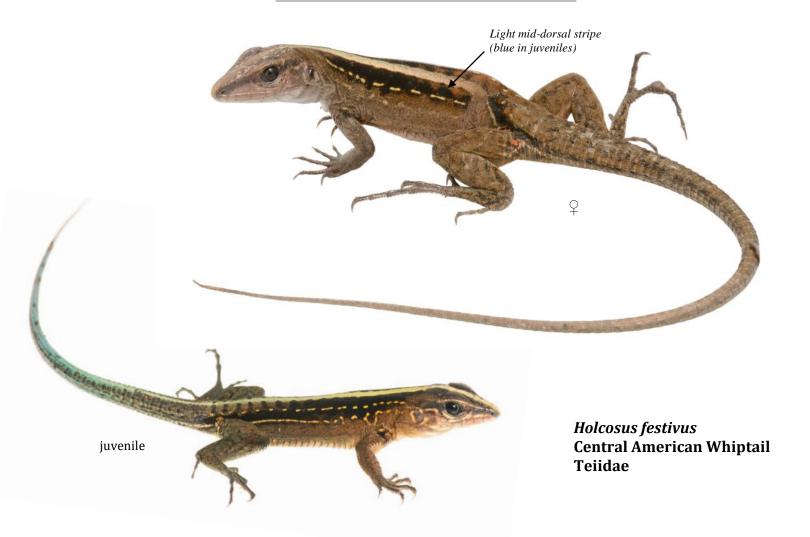


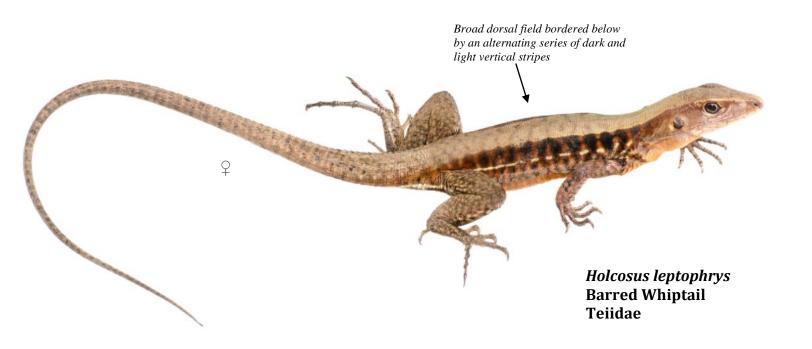


#### *Marisora unimarginata* Striped Skink Mabuyidae

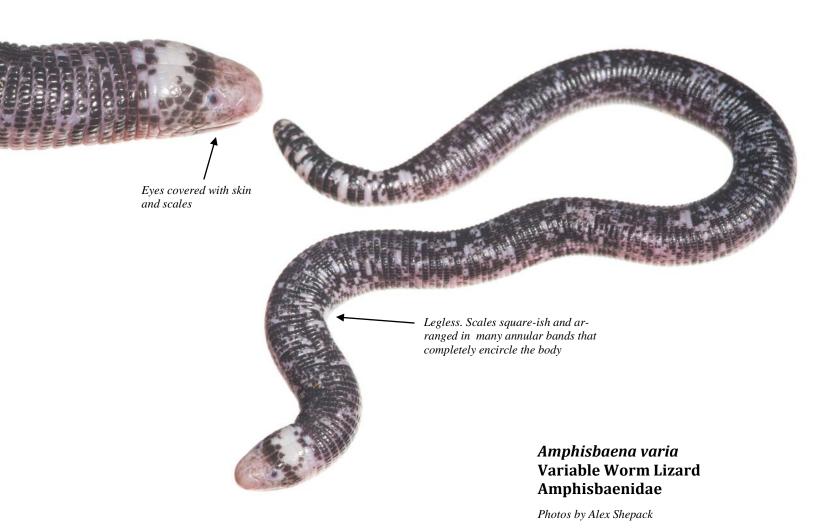








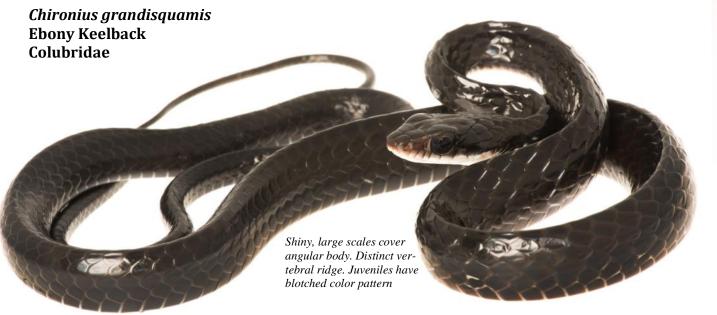
## Worm Lizards (Amphisbaenia)



## Snakes





















Rhinobothryum bovallii Turtle-headed Snake Colubridae



*Spilotes pullatus* Tiger Rat Snake Colubridae

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



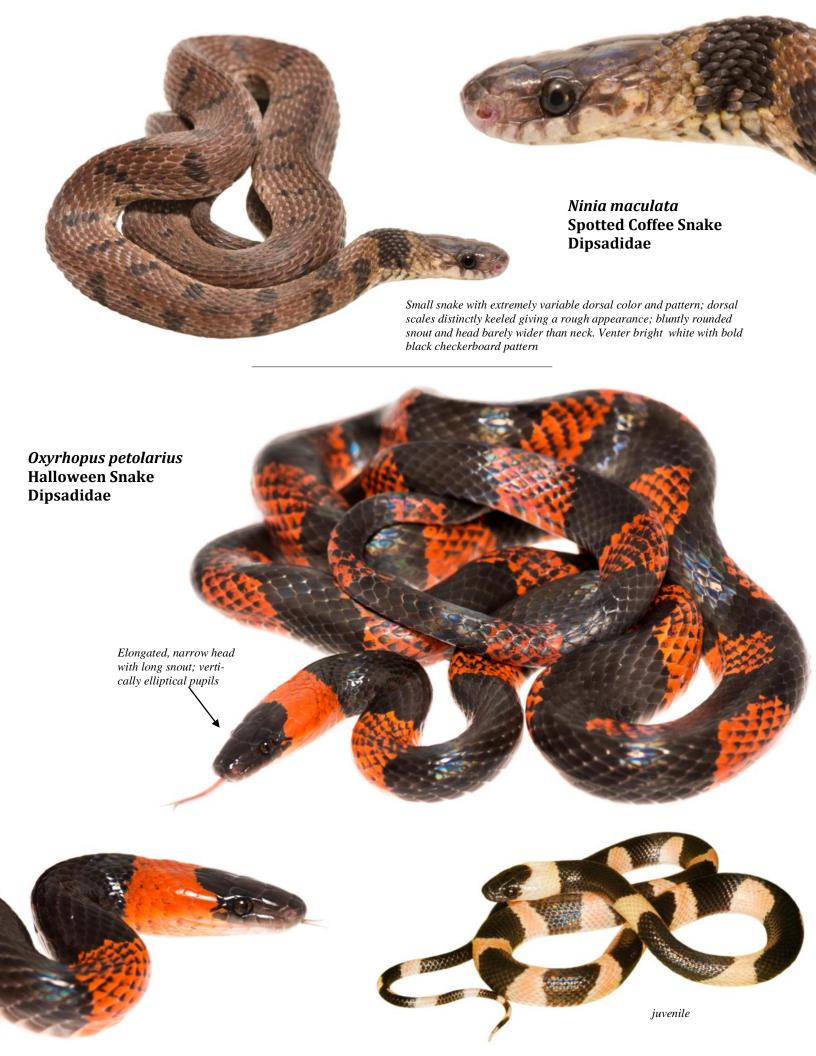


A very small snake; distinct light collar and red belly









Pliocercus euryzonus Ringed Glasstail Dipsadidae



## *Pseudoboa neuwiedii* Neuwied's False Boa Dipsadidae



A large species, similar in appearance to juvenile <u>Clelia clelia</u>, but retains red coloration and black head into adulthood













Bothrops asper Fer-de-Lance Viperidae

**VENOMOUS** 

