

This is a portion of the Research Report received from Dr. Loren K. Ammerman and Dr. Michael T. Dixon, leaders of the Texan Wesleyan Tropical Biological Class, USA July 1994. A full summary of all the Vertebrate species found by Ammerman and Dixon is located in the 2000 Historical Report archives. Ammerman and Dixon are now professors at Angelo State University, Texas, USA <http://www.angelo.edu/> (updated May 2010)

Original Report Received – September 1994

We mist-netted 21 July-23 July, 1994. Unfortunately we were unable to collect any fecal samples from the bats we netted (2 of the *Dermanura watsoni* were found to have purple-stained mouths, but no seeds as evidence to the kind of fruit). We were particularly interested in *Carollia* species and did not capture any of this genus. We were hampered by torrential rains (not surprising, I know, during the rainy season) at night and impassable trails. We did capture an unexpectedly diverse assemblage of species despite the low numbers (only 10 bats in 3 nights, but 6 different species). In addition, we detected fishing bats (*Noctilio*) with bat detectors over the canal and saw the *Saccopteryx* roost at the base of Mt. Tortugero.

For your records, our netting sites were as follows:

Net 1-In a Heliconia clearing and across the trail that starts at the bathroom and runs next to the canal

Net 2-On the edge of the compound clearing, south of the kitchen

Net 3-Across a fork in the trail, just down from Darrell's living quarters

Net 4-Between the dorm and the museum

Net 5-Across the boat dock (specifically for the *Rhynconytcteris* roosting there)

Most of the bats were captured in net 1 and 3. No bats were captured in net 4.

Although we did not collect any bat fecal data, we did identify a variety of vertebrates.

VERTEBRATE SPECIES LIST
for Caño Palma July 20-24, 1994
by Texas Wesleyan University

BIRDS

on the station grounds:

Montezuma's Oropendula
Keel-billed Toucan
Chestnut Mandibled Toucan
Collared Aracari
Semiplumbeous Hawk
Gray-necked Wood Rail
Black-cheeked Woodpecker
Black Vulture
Turkey Vulture

in the canals:

Great Egret
Ringed Kingfisher
Green Kingfisher
Bare-throated Tiger Heron
Yellow-crowned Night Heron
Pinnated Bittern
Northern Jacana
Great Kiskadee

on the trail to the beach:

Brown Pelican
Magnificent Frigatebird
Squirrel Cuckoo

in Tortugero Village:

Variable Seedeater
Tropical Kingbird

plus:

unidentified parrots, parakeets, hummingbirds, hermits, and manakins

MAMMALS:

3- *Dermanura watsoni** - Thomas' Fruit-eating Bat
1- *Glossophaga soricina*- Pallas' Long-tongued Bat
1-*Micronycteris nicefori*- Niceforo's Large-eared Bat
1-*Vampyrops helleri*- Heller's Broad-nosed Bat
1-*Hylonycteris underwoodi*-Underwood's Long-tongued Bat
2- *Rhynonycteris naso*-Long-nosed Bats seen roosting in boat dock, netted with a mistnet strung across boat dock

10-12 *Saccopteryx bilineata*-Greater White-lined Bats were roosting in crevice of buttress roots on base of Mt. Tortugero
7 *Alouatta palliata*- Mantled Howler Monkey troop across canal from boathouse

REPTILES:

Ninia sebae- captured off of shelf in museum
Boa constrictor- captured from dead tree limb on beach
*Imantodes cenchoa** - Chunk-headed Snake on trail to beach
Norops sp.* -on beach and trails
Basiliscus vittatus-Jesus Christ lizards on beach
Basiliscus plumifrons- large male in tree across from bathrooms
Ameiva sp.* -on beach
Iguana iguana-juvenile on beach and a large adult across canal from boathouse

Rhinoclemys funerea- Black River Turtle
Caiman crocodilus- several young ones along trails by bathroom and in canals

unidentified skink in dormitory

AMPHIBIANS:

Bufo marinus- Marine Toad, around buildings
Rana palmipes- Web-footed Frog
Leptodactylus poecilochilus
Leptodactylus pentadactylus
Dendrobates pumilio-Arrow poison Frog, many in decaying logs along trail
Agalychnis callidryas- Red-eyed Tree Frogs on trail to beach
Centrolenella sp.* - small orange Glass Frog on trail to beach
Eleuthrodactylus diastema- Tink frogs heard in the forest at night

FISH: seined in the trail to the bathroom next to the museum (about a foot of water)

Cichlasoma nigrofasciatum -Convict Cichlids, many young and one adult
Cyprinodontidae-unidentified killifishes
Poeciliidae-unidentified livebearers
Characidae-*Astyanax* sp.*

*uncertain about species identification without specimen to confirm