



Canadian Organization for Tropical Education & Rainforest Conservation (COTERC)

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CHECKLIST TO THE MAMMALS OF CAÑO PALMA BIOLOGICAL STATION AND SURROUNDING AREA

The number of mammals recorded at the station is approximately 36 species and this does not include the checklist of bats which can be found on the COTERC website. When we add in the noted bats (Order: Chiroptera) to this mammal list, we have basically double the species documented. Further research will certainly add further species to the bat checklist. Monitoring the presence and absence of various mammal species over time for the purpose of conservation and education is a mandate of the Caño Palma Biological Station. The below mammal species list represents the cumulative efforts of the preliminary large mammal monitoring program, researchers, station managers, staff, volunteers, and groups visiting and working at the Caño Palma Biological Station since the early 1990s. Many of these large mammals range through the station and are also found in the adjacent forests. While most of the species were observed on the station property, others were found during day trips on adjacent properties or in other lowland areas within Limon Province.

This current list continues to grow with the opportunity to add new species as the large mammal monitoring program moves beyond its preliminary phase and further species are noted. Photographs of the various species may be available on the COTERC website: <http://www.coterc.org/photos.html>.



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<u>TAXONOMY</u>	<u>COMMON NAME</u>
ORDER – DIDELPHIMORPHIA	OPOSSUMS
Family – Didelphidae	American opossums
<i>Didelphis marsupialis</i>	Southern opossum
<i>Metachirus nudicaudatus</i>	Brown four-eyed opossum
<i>Caluromys derbianus</i>	Central American woolly opossum
<i>Marmosa mexicana</i>	Mexican mouse opossum
<i>Micoureus alstoni</i>	Alston's woolly mouse opossum
<i>Philander opossum</i>	Gray four-eyed opossum
ORDER – PILOSA	ANTEATERS AND SLOTHS
Family - Myrmecophagidae	Anteaters
<i>Tamandua mexicana</i>	Northern Tamandua
<i>Cyclopes didactylus</i>	Silky anteater
Family – Megalonychidae	Two-toed sloths
<i>Choloepus hoffmani</i>	Hoffman's two-toed sloth
Family – Bradypodidae	Three-toed sloths
<i>Bradypus variegatus</i>	Brown-throated three-toed sloth
ORDER – CINGULATA	ARMADILLOS
Family – Dasypodidae	Armadillos
<i>Dasypus novemcinctus</i>	Nine-banded armadillo
ORDER – PRIMATES	PRIMATES
Family – Cebidae	Cebids, such as capuchin monkeys, tamarins and squirrel monkeys
<i>Cebus capucinus</i>	White-faced capuchin
Family – Atelidae	Howler, woolly and spider monkeys
<i>Aloutta palliata</i>	Mantled howler monkey
<i>Ateles geoffroyi</i>	Central American spider monkey
ORDER – RODENTIA	RODENTS
Family – Sciuridae	Squirrels
<i>Sciurus variegatoides</i>	Variiegated squirrel
<i>Sciurus granatensis</i>	Red-tailed squirrel
Family – Cricetidae	Mice and rats and relatives
<i>Nyctomys sumichrasti</i>	Vesper rat
Family – Erethizontidae	New world porcupines
<i>Sphiggurus mexicanus</i>	Mexican hairy porcupine
Family – Dasyproctidae	Acouchis and agoutis
<i>Dasyprocta punctata</i>	Central American agouti
Family – Cuniculidae	Pacas
<i>Cuniculus paca</i>	Low land paca



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<u>TAXONOMY</u>	<u>COMMON NAME</u>
ORDER – CARNIVORA	CARNIVORES
Family – Procyonide	Coatis, raccoons, and relatives
<i>Potos flavus</i>	Kinkajou
<i>Nasua narica</i>	White-nosed coati
<i>Procyon lotor</i>	Northern raccoon
Family – Mustelidae	Badgers, otters, weasels and relatives
<i>Galictis vittata</i>	Greater grison
<i>Eira Barbara</i>	Tayra
<i>Lontra longicaudis</i>	Neotropical river otter
Family – Felidae	Cats
<i>Leopardus pardalis</i>	Ocelot
<i>Leopardus wiedii</i>	Margay
<i>Puma yagouaroundi</i>	Jaguarundi
<i>Puma concolor</i>	Puma
<i>Panthera onca</i>	Jaguar
ORDER – SIRENIA	DUGONGS, MANATEES and SEA COWS
Family – Trichechidae	Manatees
<i>Trichechus manatus</i>	West Indian manatee
ORDER – PERISSODACTYLA	HORSES, RHINOCEROSES, and TAPIRS
Family – Tapiridae	Tapirs
<i>Tapirus bairdii</i>	Baird's tapir
ORDER – ARTIODACTYLA	EVEN-TOED UNGULATES
Family – Tayassuidae	Peccaries
<i>Pecari tajacu</i>	Collared peccary
<i>Tayassu pecari</i>	White-lipped peccary
Family – Cervidae	Deer
<i>Mazama americana</i>	Red brocket deer

Credits:

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References:

Reid FA (2009). A field guide to the mammals of Central America and Southeast Mexico. Second Edition, Oxford University Press, New York

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