

Order**Family****Scientific name****Common name****Spanish****Notes****Didelphimorphia****Didelphidae***Didelphis marsupialis*

Common opossum

Zorro comun

Seen in road to ojos at night

Chironectes minimus

Water opossum

Zorro de agua

Seen in creek below Ojos and creek below Hartmann's

Philander opossum

Grey four eyed opossum

Zorro quatro ojos

Creek below the Hartmann's house, Casita Crk.

Xenartha**Myrmicaphagidae***Tamandua mexicana*

Northern Tamandua

Oso ormiguero

Last seen on Finca 1996-97, Roadkills 1999

Megalonychidae*Choloepus hoffmanni*

Hoffman's two toed sloth

Perriso 2 unas

Creek below the Hartmann's house

Bradypodidae*Bradypies variegatus*

Brown throated 3 toed sloth

Perriso 3 unas

Creek below the Hartmann's house

Dasypodidae*Dasyus novemeinctus*

Nine banded armadillo

Armadillo

A favorite food of the Guaymi indians

Insectivora**Soricidae****Cryptotis nigrescens*

Blackish small eared shrew

Musarana

*Speciman collected by R.Hartmann 1994

Chiroptera**Phyllostomidae***Carollia perspicillata*

Seba's short tailed bat

Murcielago cola corta

All Carollias primarily eat fruit of Piperaceae (Candela),

Carollia brevicauda

Silky short tailed bat

M. cola corta de Seba

A large colony inhabits the cave along the Hartmann's creek

Sturnira ludovici

Highland yellow shouldered bat

M. cola corta de Hahn

Most abundant bat in Ojos de Agua area

Sturnira lillium

Little yellow shouldered bat

M. charreteras mayor

Abundant in areas with bananas

Sturnira luisi

Luis' yellow-shouldered bat

M. charreteras menor

Probable first record for Panama collected at Ojos

Artibeus intermedius

Intermediate fruit eating bat

M. frutero Allen

Only captured at the "Y"

Artibeus jamicensis

Jamaican fruit eating bat

M. frutero Jamaica

Hartmann's to Ojos

Artibeus litratus

Great fruit eating bat

M. frutero gigante

Rarely captured, once a year (Ojos & above)

Artibeus toltecus

Toltec fruit-eating bat

M. frutero toteca

Abundant in Ojos, also captured in La Amistad

Artibeus aztecus

Aztec fruit-eating bat

M. frutero azteca

Less frequent than A. toltecus, but captured in same areas

Demanura phaeotis

Pygmy fruit-eating bat

M. frutero pigmeo

Hartmann's to Ojos

Demanura watsoni

Thomas' fruit-eating bat

M. frutero Thomas

Hartmann's to Ojos

Enchistenes hartii

Velvety fruit-eating bat

M. frutero obscuro

Possible seasonal migrants, no captures 99, abundant 2000

Platyrrhinus vittatus

Greater broad nosed bat

M. listado

Hartmann's to La Amistad

Desmodus rotundus

Common vampire bat

Vampiro comun

Hartmann's to La Amistad, esp. where domestic animals live

Vampyressa pusilla

Little yellow-eared bat

M. oreja amarillo menor

1-2 indiv. captured per night, Hartmann's to Ojos

Glossophaga soricina

Common long tongued bat

M. lengueton comun

Nectar feeder, only captured above 1700m

Hylonycteris underwoodi

Hylonycteris underwoodi

M. lengueton Underwood

Nectar feeder, Forest above Ojos

Anoura cultrata

Handley's hairy legged bat

M. rabon Handley

Nectar feeder, only captured once, end of Amistad rd. 1800m

Anoura geoffroyi

Geoffroy's hairy legged bat

M. rabon Geoffroy

Nectar feeder, only captured along upper rd. to La Amistad

Mormoopidae*Pteronotus parnelli*

Common mustached bat

M. bigotudo Parnelli

Gleaning insectivore, captured at the "Y"

Vespertilionidae*Myotis nigrians*

Black myotis

Miotis negro

Insectivore, Ojos to La Amistad

Myotis keaysi

Hairy-legged myotis

Miotis pata peluda

Insectivore, Ojos to La Amistad

Myotis oxyotis

Montane myotis

Miotis montana

Insectivore, Ojos to La Amistad

Eptesicus brasiliensis

Andean brown bat

M. moreno brasileno

Insectivore, Ojos to La Amistad

Lasiurus blossevilli

Western red bat

M. cola peluda de Blosseville

Insectivore, Only captured once (Jan.1999) at Ojos de Agua

Primates**Cebidae***Alouatta palliata*

Mantled howler

Mono concon

Mainly heard from the forest above Ojos

Ateles geoffroyi

Central American spider monkey

Mono colorado

Seen in trees above road to La Amistad (FG)

Cebus capuchinus

White fronted capuchin

Mono carita blanca

The "Y", Ojos creek, Sendero B

Rodentia**Scuridae***Scurius granatensis*

Red tailed squirrel

Ardilla cola roja

Seen along edge of forest and coffee

Scurius variegatoides

Variegated squirrel

Ardilla

Often seen in the pastures and coffee fields

Geomyidae*Orthogeomys caviator*

Chiriqui pocket gopher

Topo, Tuza

Seen burrowing out of beds of Impatiens

Muridae**Rheomys raptor hartmanni*

Goldman's water mouse

Raton del agua de Goldman

*This subspecies was named after Ratibor (by R.K. Enders)

Reithrodontomys sumichrasti

Sumichrast's harvest mouse

Raton

Caught in the house at Ojos

Heteromyidae*Heteromys demarestianus*

Forest spiny pocket mouse

Raton

Erethizontidae*Coendou mexicanus*

Mexican porcupine

Puercoespín

(1999) Seen in forest above Ojos, (2000) Roadkill

Dasyproctidae*Dasyprocta punctata*

Central American Agouti

Cherenga

Also called "Machengo", Seen along Ojos road

Agoutidae*Agouti paca*

Paca

Conejo pintado

Seen at the Hartmann's house, rarely at Ojos

Lagomorpha**Leporidae***Sylvilagus dicei*

Dice's Rabbit

Muleto

Seen in the coffee fields

Carnivora**Procyonidae***Potos flavus*

Kinkajou

Jujuna

Groups come to feed on oranges behind Tibor's house

Nasua narica

White-nosed coati

Suto (F), Gato solo(M)

Seen often in bananas near Ojos, also in coffee & forest

**Bassariscus sumichrasti*

Ring-tail, Cacomistle

Gato (cola anillos)

*Last seen: (1988) R.Hartmann, Speciman Cerro Pando

**Procyon lotor*

Northern raccoon

Gato manglaro

*Last seen: (1980) R.Hartmann, the "Y"

Mustelidae*Mustela frenata*

Long tailed weasel

Leensay

(2000) Seen at entrance to Sendero A

Eira barbara

Tayra

Oorong

Seen at Ojos and in creek below the Hartmann's house

Concepatus semistriatus

Striped hog nosed skunk

Zorillo

Coffee fields and roads near the Hartmann's house

Felidae*Leopardus wiedii*

Margay

Mani gordo

Seen in creek below Ojos

Herpailurus yaguarondi

Jaguarundi

Tigrillo

(1998-99) Seen by Tibor & Ratibor in forest around Ojos

| | | | | |
|----------------------|--------------------------|----------------------|----------------------|--|
| | <i>Puma concolor</i> | Puma | Leon | Huellas = Tracks seen at ojos |
| | <i>Panthera onca</i> | Jaguar | Tigre | Huellas = Tracks seen at ojos |
| Perisodactyla | | | | |
| Tapiridae | | | | |
| | * <i>Tapirus bairdii</i> | Baird's Tapir | Macho del monte | *Last seen: (1960) R.Hartmann, La Amistad |
| Artiodactyla | | | | |
| Tayassuidae | | | | |
| | * <i>Tayassu pecari</i> | White lipped peccary | Saino labios blancos | *Last seen: (1960) R.Hartmann, Forest above Ojos |
| | <i>Tayassu tajacu</i> | Collared peccary | Saino, Pecari | Seen & more often smelled in forest leading to Amistad |
| Cervidae | | | | |
| | <i>Mazama americana</i> | Red brocket deer | Chivo, Corso | (2000) Seen in creek below Ojos and in Ojos clearing |

Possible Mammals, Based on range & elevation

F.Reed: Mammals of Central America & S. Mexico and R.Samudio: Fortuna, Chiriqui Mammals List

| | | | | |
|------------------------|-------------------------------|--------------------------|--|------------------------|
| Didelphimorphia | | | | |
| Marmosidae | | | | |
| | <i>Marmosa mexicana</i> | Mexican mouse opossum | | range from F.Reed 1997 |
| | <i>Marmosa robinson's</i> | Robinson's mouse opossum | | " |
| | <i>Marmosops impavidus</i> | Highland mouse opossum | | " |
| | <i>Marmosops invictus</i> | Slaty Mouse opossum | | " |
| Xenartha | | | | |
| Dasypodidae | | | | |
| | <i>Cabassous centralis</i> | | | range from F.Reed 1997 |
| Rodentia | | | | |
| Scuridae | | | | |
| | <i>Syntheosciurus brochus</i> | Montane squirrel | | range from F.Reed 1997 |
| | <i>Microsciurus minimulus</i> | Western Pygmy Squirrel | | " |
| Muridae | | | | |
| | <i>Oryzomys alfarai</i> | Alfaro's rice rat | | range from F.Reed 1997 |

| | | | | |
|-----------------------|----------------------------------|----------------------------------|--|---|
| | <i>Oryzomys albugularis</i> | Montane rice rat | | " |
| | <i>Oryzomys talamancae</i> | Talamancan rice rat | | " |
| | <i>Olygoryzomys vegetus</i> | Sprightly pygmy rice rat | | " |
| | <i>Olygoryzomys fulvescens</i> | Northern pygmy rice rat | | " |
| | <i>Sigmodon hispidus</i> | Hispid cotton rat | | " |
| | <i>Zygodontomys brevicauda</i> | Common cane rat | | " |
| | <i>Tylomys watsoni</i> | Watson's climbing rat | | " |
| | <i>Nyctomys sumichrasti</i> | Vesper rat | | " |
| | <i>Scotinomys teguina</i> | Alston's singing mouse | | " |
| | <i>Zygodontomys brevicauda</i> | Common cane rat | | " |
| | <i>Scotinomys xerampelinus</i> | Chiriqui singing mouse | | " |
| | <i>Reithrodontomys mexicanus</i> | Mexican harvest mouse | | " |
| | <i>Reithrodontomys creper</i> | Chiriqui harvest mouse | | " |
| | <i>Isthmomys flavidus</i> | Yellow deer mouse | | " |
| | <i>Peromyscus mexicanus</i> | Mexican deer mouse | | " |
| Chiroptera | | | | |
| Emballonuridae | | | | |
| | <i>Saccopteryx bilineata</i> | | | Fortuna, Chiriqui Unpubl. Mammals list: R.Samudio |
| Mormoopidae | | | | |
| | <i>Pteronotus gymnotus</i> | | | Fortuna, Chiriqui Unpubl. Mammals list: R.Samudio |
| Phyllostomidae | | | | |
| | <i>Micronycteris microtis</i> | | | Fortuna, Chiriqui Unpubl. Mammals list: R.Samudio |
| | <i>Phyllostomus discolor</i> | | | " |
| | <i>Sturnira mordax</i> | Talamancan yellow shouldered bat | | " |
| | <i>Carollia castanea</i> | Chestnut short tailed bat | | " |
| | <i>Glossophaga commisari</i> | Brown long tongued bat | | " |
| | <i>Lonchophylla robusta</i> | | | " |
| | <i>Platyrrhinus helleri</i> | Heller's broad nosed bat | | " |
| | <i>Chiroderma trinitatum</i> | | | " |
| | <i>Vampyressa nymphaea</i> | Striped yellow eared bat | | " |
| Thyropteridae | | | | |
| | <i>Thyroptera tricolor</i> | | | Fortuna, Chiriqui Unpubl. Mammals list: R.Samudio |
| Molossidae | | | | |
| | <i>Nyctinomops laticaudatus</i> | | | Fortuna, Chiriqui Unpubl. Mammals list: R.Samudio |
| | <i>Eumops glaucinus</i> | | | " |
| | <i>Eumops bonariensis</i> | | | " |



above: *Vampyressa pusilla* below: *Cebus capuchinus*



Contact Finca Hartmann or visit their Website

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<http://www.angelfire.com/pa2/hartmann/>

Elevation of sites mentioned in Notes

Hartmanns' House: ~4100ft (1250m)

Ojos de Agua: ~4920ft (1500m)

The Y: ~4990ft (1520m)

Parque Amistad: ~6100ft (1860m)

Mammals of Finca Hartmann

Santa Clara, Prov. De Chiriqui, Republica de Panama

8°51'38"N 82°44'44"W

62 species, with an additional list of species likely to occur

Based on records from 1998-2000

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