

BIODIVERSITY REPORT
ITA – PEM
ABRIL 2014



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ITA
›INKATERRA‹
ASOCIACIÓN

BIODIVERSITY REPORTO APRIL 2014

Since 1978, ITA Inka Terra Asociación develops Research, Conservation and Education programs in the southern Amaxon, in Tambopata, Madre de Dios, contributing to the scientific field research generating knowledgde about the exceptional biodiversity of this area.

The activitites in the field stations of ITA aim to protect more tan 15,000 hectares of Amaxonian forest, along private conservation properties as well as forest concessions.

The Programs developed by ITA are:

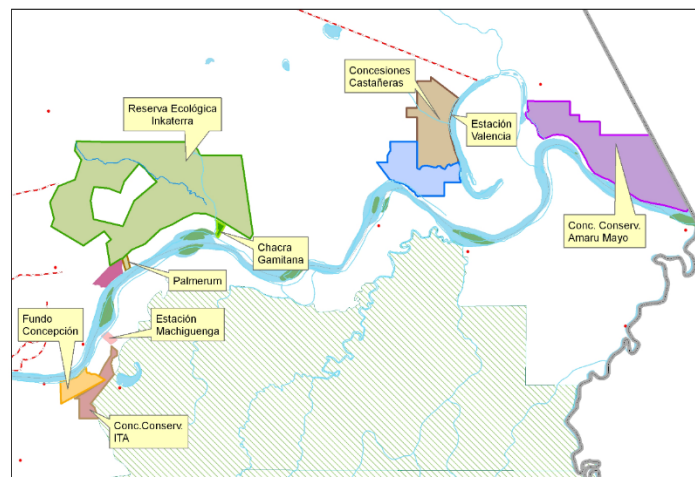
1. Research program
2. Conservation program
3. Education and Training program
4. Production and Community Development program
5. Volunteer and Ecotourism program
6. Communications program.

ITA main field stations are:

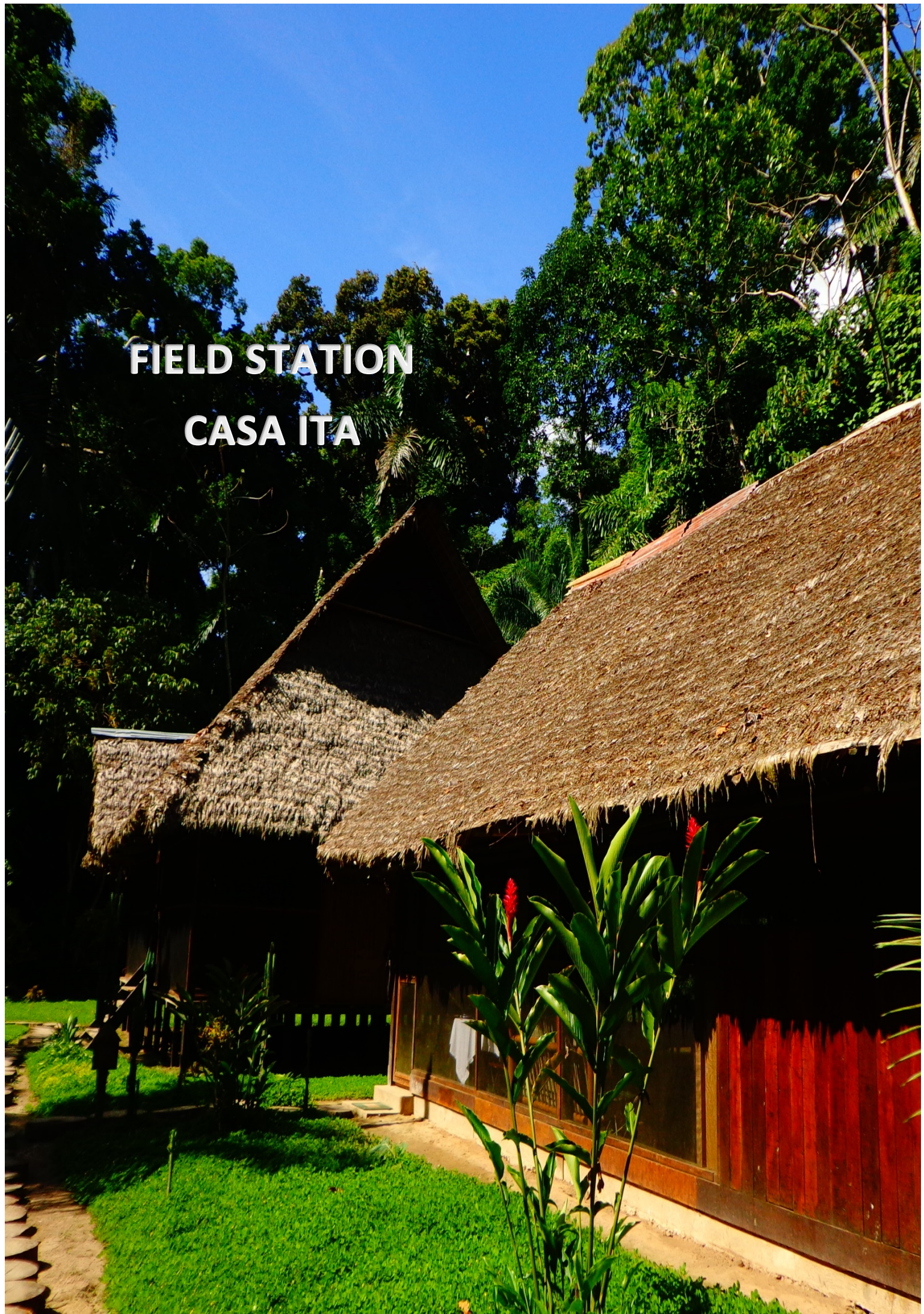
Field Station Casa ITA

Agroforestry Station Gamitana Farm

Lake Valencia Station



**FIELD STATION
CASA ITA**



AMPHIBIANS AND REPTILES MONITORING

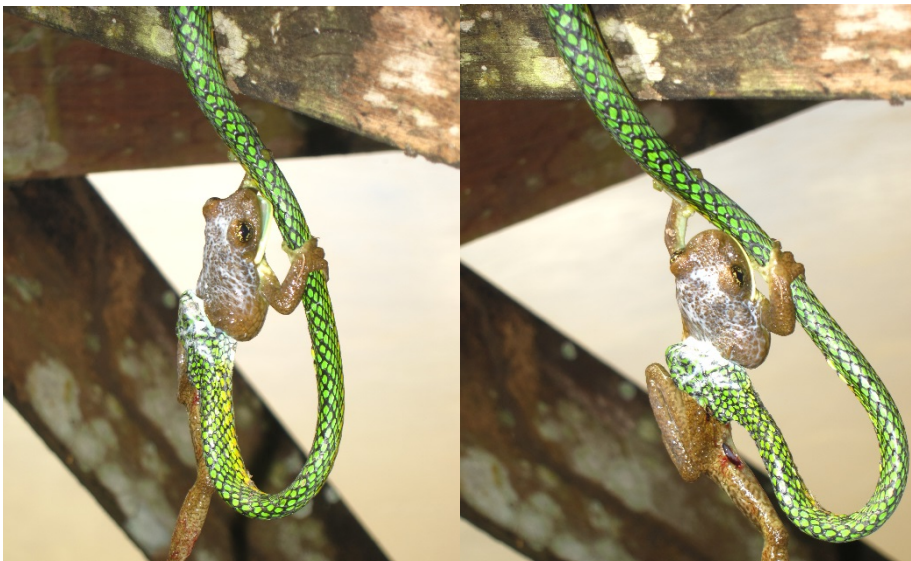
Part of the Research Program, every 15 days, night monitoring is done in bodies of water nearby the trail system. A main place for monitoring is the wetlands bridge.

Data

Specie	Microhabitat
<i>Leptodactylus sp. 1</i>	Hojarasca
<i>Dendropsophus minutus</i>	Hoja
<i>Dendropsophus parviceps</i>	Hoja
<i>Rhinella marina</i>	Hoja
<i>Leptodactylus sp. 1</i>	Hoja
Hylidae 2	Hoja
Bufonidae 1	Hojarasca
<i>Phyllomedusa cf. tomopterna</i>	Hoja
<i>Dendropsophus minutus</i>	Rama
<i>Leptodactylus bolivianus</i>	Tronco
<i>Sphaenorhynchus lacteus</i>	Hoja en aguajal

On 13rd of march, a Black Caiman *Melanosuchus niger* of 2m long was sighted in the wetland bridge, along with its

Also at the wetland bridge, two species fighting for their lives were sighted, a frog (*Phrynohyas venulosa*) and a snake *Leptophys ahaetulla*.



List of Amphibians and Reptiles registered – April

ORDER	FAMILY	GENERA	SPECIE
Anura	Aromobatidae	<i>Allobates</i>	<i>Allobates conspicus</i>
Anura	Bufo	<i>Rhinella</i>	<i>Rhinella margaritifera</i>
Anura	Bufo	<i>Rhinella</i>	<i>Rhinella marina</i>
Anura	Bufo		Bufo 1
Anura	Hyla	<i>Dendropsophus</i>	<i>Dendropsophus leucophyllatus</i>
Anura	Hyla	<i>Dendropsophus</i>	<i>Dendropsophus triangulum</i>
Anura	Hyla	<i>Dendropsophus</i>	<i>Dendropsophus parviceps</i>
Anura	Hyla	<i>Dendropsophus</i>	<i>Dendropsophus minutus</i>
Anura	Hyla	<i>Hyla</i>	<i>Hyla punctata</i>
Anura	Hyla	<i>Osteocephalus</i>	<i>Osteocephalus taurinus</i>
Anura	Hyla	<i>Phyllomedusa</i>	<i>Phyllomedusa cf. tomopterna</i>
Anura	Hyla	<i>Scinax</i>	<i>Scinax pedrominator</i>
Anura	Hyla	<i>Sphaenorhynchus</i>	<i>Sphaenorhynchus lacteus</i>
Anura	Hyla		Hyla 1
Anura	Hyla		Hyla 2
Anura	Leptodactylidae	<i>Leptodactylus</i>	<i>Leptodactylus leptodactyloides</i>
Anura	Leptodactylidae	<i>Leptodactylus</i>	<i>Leptodactylus bolivianus</i>
Anura	Leptodactylidae	<i>Leptodactylus</i>	<i>Leptodactylus didymus</i>
Anura	Leptodactylidae	<i>Leptodactylus</i>	<i>Leptodactylus petersii</i>
Anura	Leptodactylidae	<i>Leptodactylus</i>	<i>Leptodactylus sp.1</i>
Anura	Microhylidae	<i>Chiasmocleis</i>	<i>Chiasmocleis ventrimaculata</i>
Anura	Microhylidae	<i>Hamptrophryne</i>	<i>Hamptrophryne boliviana</i>
Anura	Pipa	<i>Pipa</i>	<i>Pipa Pipa</i>
Anura	Strambomantidae	<i>Pristimantis</i>	<i>Pristimantis fenestratus</i>
Anura	Strambomantidae	<i>Pristimantis</i>	<i>Pristimantis toftae</i>
Anura	Strambomantidae	<i>Pristimantis</i>	<i>Pristimantis sp. 1</i>
Anura			Anura 1
1	7	13	23

Monitoring Team:
Ana Lucía Arista (Volunteer)
Jesús Alferez (Volunteer)
Helmut Rengifo (Team ITA)
Yasmani Cocaiso (Team ITA)
Noé Huaraca (Team ITA)
Miguel Torres (Volunteer)



Dendropsophus koechlini

MAMMAL MONITORING

14 species of mammals have been registered and 01 footprint.



Footprint of *Panthera onca (Jaguar)*

In the dock of Casa ITA Field Station



MAMMALS SIGHTED AT FIELD STATION CASA ITA			
Scientific Name	Common name	Sighting	Details
<i>Eira barbara</i>	Manco	Presencial	Visto sobre un árbol de Espintana (trocha ITA)
<i>Pnathera onca</i>	Jaguar	Huella	ILs huellas fueron visto en las trochas de RA
<i>Mazama americana</i>	Venado colorado	Presencial	Visto nadando en el rio Madre de Dios, frente al albergue
<i>Tayassu pecari</i>	Huangana	Presencial	Visto en la parcela de Varun
<i>Dasyopus sp</i>	Carachupa	Presencial	En trocha G, parcela de Varun (muerto) y en canopy (muerto)
<i>Bradypus sp</i>	Pelejo	Presencial	Visto en un árbol de cetico
<i>Dasyprocta punctata</i>	Añije	Presencial	Visto en las trochas de RA
<i>Hydrochaerus hydrochaeris</i>	Ronsoco	Presencial	Visto al costado del puerto ITA.
<i>Sylvilagus brasiliensis</i>	Conejo de monte	Presencial	Visto en la trocha ITA
<i>Aloutta sara</i>	Coto	Presencial	Visto en la estacion Chacra Gamitana
<i>Cebus albifrons</i>	Machin blanco	Presencial	Visto en la trocha ITA
<i>Cebus apella</i>	Machin negro	Presencial	Visto en la trocha ITA
<i>Saimiri boliviensis</i>	Huasa	Presencial	Visto en la trocha ITA
<i>Saguinus fuscicollis</i>	Pichico comun	Presencial	Visto en la trocha ITA
<i>Coendou sp</i>	Erizo	Presencial	Visto en la trocha ITA

MONITORING OF INVERTEBRATES

Laparus doris, is a butterfly that belongs to the Nymphalidae family. Can be found all over Central America and the Amaxon Basin. Its catterpillars eat leaves of the Passiflora genera.



MONITOREO DE FRUCTIFICACION DE PLANTAS

The monitoring of seeds is made in the permanent plots of ITA.

This month register.

Clavija tarapotana, Theophrastaceae family



fruit



seed

Pouteria pariry, Sapotaceae family.



Fruto



Semilla

Brosimum alicastrum, Moraceae family.



Leaf



Fruit



Seed



Pithecoctenium crucigerum, Bignoniaceae family. Blossoms in february.



Terminalia Oblonga, Combretaceae family.



Poulsenia armata, Moraceae family

Other species found:

- *Cayaponia tubulosa*
- *Cecropia membranacea*
- *Celtis iguanea*
- *Celtis schippii*
- *Chrysochlamys ulei*

Team



Volunteers



MONITORING OF BIRDS

Record of species in the trail system and the field station:

NOMBRE CIENTIFICO	NOMBRE INGLÉS	NOMBRE ESPAÑOL
<i>Phalacrocorax brasilianus</i>	Neotropical Cormorant	Cormoran
<i>Trigrisoma lineatum</i>	Rufescent Tigre-Heron	Pumagarza colorada
<i>Ardea cocoi</i>	Cocoi Heron	Garza Cuca
<i>Butorides striata</i>	Striated Heron	Garcita Estriada
<i>Agamia agami</i>	Agami Heron	Garza pechicastaña
<i>Jabiru mycteria</i>	Jabiru	Jabirú
<i>Coragyps atratus</i>	Black Vulture	Gallinazo de Cabeza Negra
<i>Cathartes aura</i>	Turkey Vulture	Gallinazo de Cabeza Roja
<i>Busarellus nigricollis</i>	Black - collared Hawk	Gavilán de ciénaga
<i>Penelope jacquacu</i>	Spix's Guan	Pava de Spix
<i>Eurypyga helias</i>	Sunbittern	Tigana
<i>Ara ararauna</i>	Blue-and-yellow Macaw	Guacamayo Azul y Amarillo
<i>Ara macao</i>	Scarlet Macaw	Guacamayo Escarlata
<i>Ara chloroptera</i>	Red-and-green Macaw	Guacamayo Rojo y Verde
<i>Brotogeris cyanoptera</i>	Cobalt-winged Parakeet	Piwicho ala azul
<i>Opisthocomus hoazin</i>	Hoatzin	Shansho
<i>Ceryle torquatus</i>	Ringed Kingfisher	Martín pescador grande
<i>Chloroceryle amazona</i>	Amazon Kingfisher	Martín pescador amazónico
<i>Berlepschia rikeri</i>	Point - Tailed Palmcreeper	Trepador de palmeras
<i>Pitangus sulphuratus</i>	Great Kiskadee	Bienteveo grande
<i>Pitangus lictor</i>	Lesser Kiskadee	Atrapamoscas amarillo
<i>Pipra chloromeros</i>	Round-tailed Manakin	Saltafín de Cola Redonda
<i>Icterus cayanensis</i>	Epaulet Oriole	Bolsero de Cobijas Canela
<i>Cacicus cela</i>	Yellow-rumped Cacique	Cacique de Lomo Amarillo



REPORTE ECOLÓGICO

ABRIL 2014

**ESTACIÓN AGROFORESTAL
CHACRA GAMITANA**

Noé Huaraca

MONITOREO DE ANFIBIOS Y REPTILES

During the sowing work at the Agroforestry PLOT 2, we found 2 lizards identified as *Plica umbra*

In the tree nursery, inside the palm leaves we found *Bothrops atrox*. We always find the specie *Ameiva ameiva*, well distributed in this area. In the creek we always sight a small caiman of the *Palpebrosus* genera, usually at night, around 100m from the port. And in this area we usually watch one or two *Caiman crocodilus*.



Plica umbra



Bufo marinus (registrado en Casa Ita)

Bufo typhonius



Palpebrosus sp.

MONITORING OF MAMMALS

The first days of April a “sachavaca” (*Tapirus terrestres*) crossed under the staff house around 2am.

A big group of howling monkeys (*Alouatta seniculus*), of around 12 individuals were sighted around Agroforestry Plot 2.

We always find a musmuqui (*Aotus nigriceps*) 100m from the staff house near the river.

We sighted a group of 20 – 30 Huasa monkeys (*Saimiri sciurus*), going through the forest, they were eating Pijuayo trees.

BIRD MONITORING

Tinamiformes:

Tinamus major, Crypturellus undulatus

Galliformes:

Penelope jacquacu, Ortalis guttata

Ciconiformes:

Butorides striata, Philerodius pileatus

Cathartiformes:

Cathartes aura, Cathartes melambrotus, Coragyps atratus, Sarcoramphus papa

Columbiformes:

Columbina talpacoti, Patagioenas cayennensis, Patagioenas plumbea, Leptotila rufaxila, Geotrygon montana

Accipitriformes:

Ictinia plúmbea, Rupornis magnirostris, Spizaetus tyrannus

Gruiformes:

Aramides cajaneus

Apodiformes:

Phaethornis hispidus,

Trogoniformes:

Trogon melanurus, Trogon collaris,

Coraciformes:

Megaceryle torquata, Chloroceryle amazona, Chloroceryle americana, Chloroceryle inda, Momotus momota.

Galbuliformes:

Galbula cyanescens, Monasa nigrifrons

Piciformes:

Capito auratus, Ramphastus tucanus, Pteroglossus castanotis, Melanerpes cruentatus, Celeus elegans, Celeus flavus, Dryocopus lineatus.

Falconiformes:

Herpethoteres cachinnans, Micrastur ruficollis, Daptrius ater, Falco ruficularis,

Psittaciformes:

Ara ararauna, *Ara macao*, *Ara severus*, *Aratinga weddellii*, *Brotogeris cyanopectus*, *Pionus menstruus*, *Amazona ochrocephala*, *Amazona farinosa*.

Passeriformes:

Thamnophilus doliatus, *Thamnomanes ardesiacus*, *Sclateria naevia*, *Formicarius analis*, *Sittasomus griseicapillus*, *Dendrocincla merula*, *Myarchus ferox*, *Pitangus lictor*, *Gymnoderus foetidus*, *Tityra cayana*, *Tachycineta albiventer*, *Riparia riparia*, *Troglodytes aedon*, *Campylorhynchus turdinus*, *Turdus hauxwelli*, *Paroaria gularis*, *Saltator maximus*, *Thraupis espicopus*, *Thraupis palmarum*, *Ramphocellus carbo*, *Tyrannus melancholicus*, *Psaracolius angustifrons*, *Psaracolius decumanus*, *Cyanocorax violaceus*, *Cyanocorax cyanomelas*, *Cacicus cela*, *Icterus cayanensis*, *Molothrus oryzivorus*.



Sclateria naevia



Psaracolius angustifrons



Psaracolius decumanus



Cyanocorax cyanomelas



Ramphocellus carbo (macho)



Paroaria gularis (juvenil)



Pipra fascicauda (macho)



Butorides striata