

Find it in Livingston

ENGLISH

# Tropical Animals

(mammals, birds, fish, mollusks and crustaceans)

Session 5/8

*Documentation Project of  
the Biodiversity from Municipio de  
Livingston, Izabal*



**FLAAR**  
MESOAMÉRICA



**FLAAR**

1. Herbs, vines and epiphytes
2. Tropical trees and shrubs
3. Insects, amphibians and other creatures
4. Parks and Reserves in the Caribbean
5. Tropical Animals
6. Palms
7. Aquatic plants and ferns
8. Mushrooms and lichens

## CONTENT

- General introduction
- Specific data for this group of fauna
- Location of species on the FLAAR Mesoamerica catalog

*Documentation Project of  
the Biodiversity from Municipio de  
Livingston, Izabal*



**FLAAR**  
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**FLAAR**





165 species  
of fauna

(mammals,  
birds, fish,  
mollusks  
and  
crustaceans)





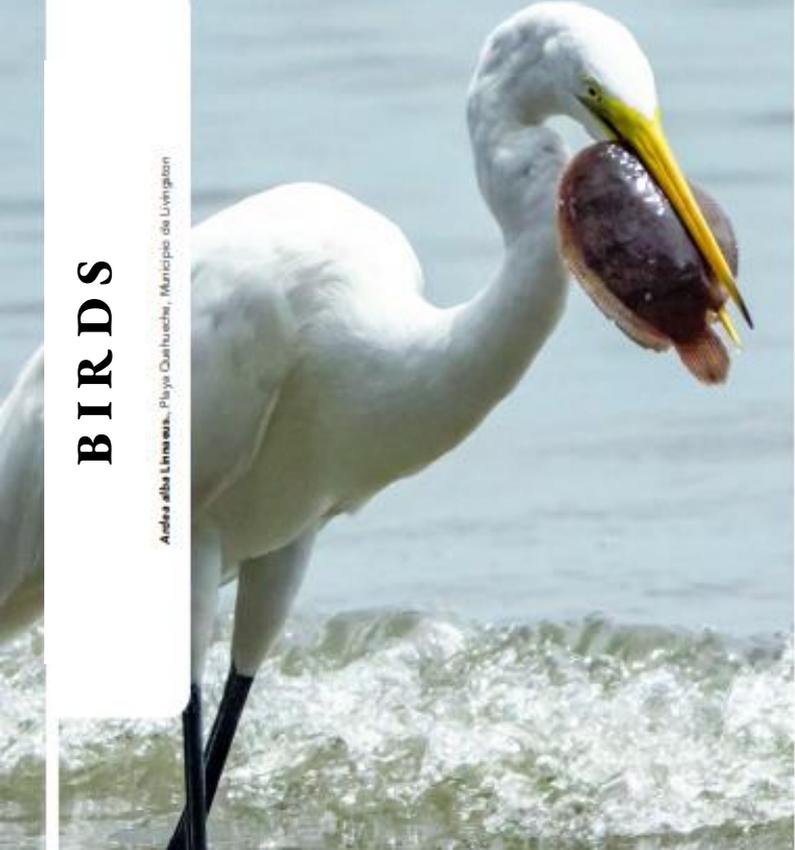


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# BIRDS

*Ardea alba Linnaeus*, Playa Cuatrecasas, Municipio de Livingston

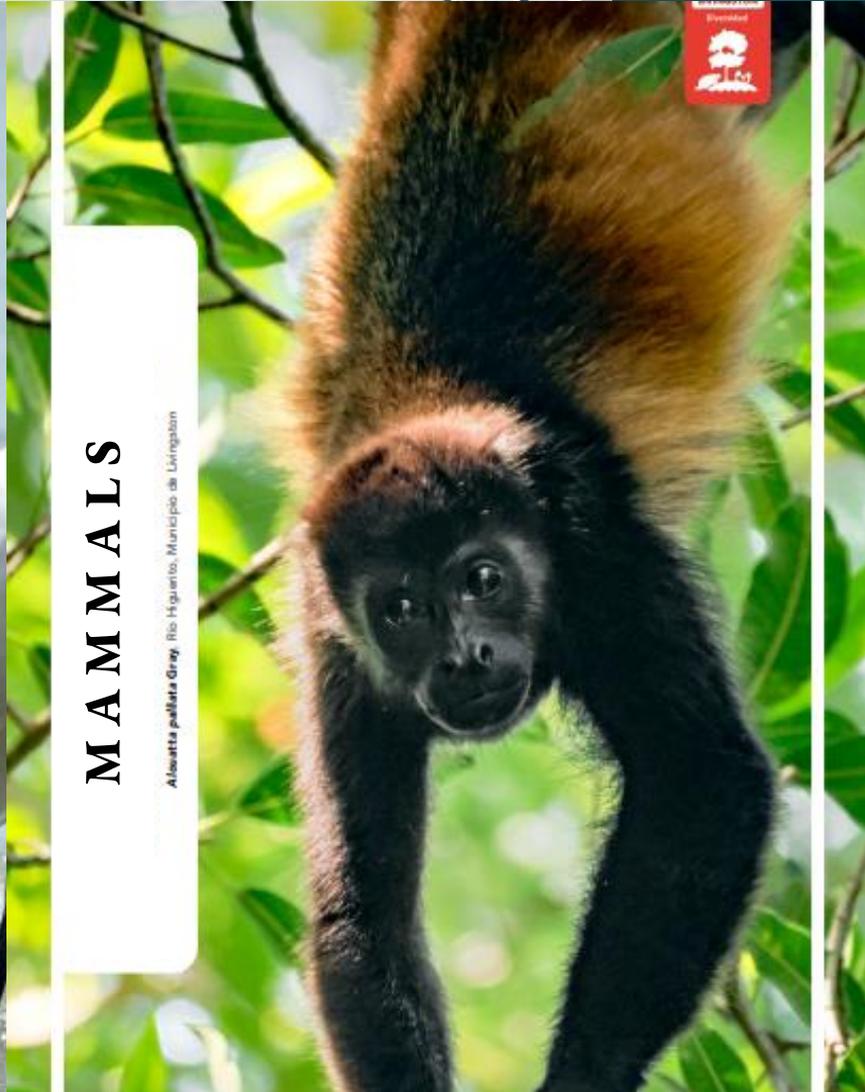


# BIRDS

*Ardea alba Linnaeus*, Playa Cauhueche, Municipio de Livingston

# MAMMALS

*Alouatta palliata Gray*, Rio Higuerito, Municipio de Livingston



# BIRDS

*Anas alba Linnaeus*, Playa Quihuiche, Municipio de Livingston

# MAMMALS

*Alouatta palliata Gray*, Rio Higuerito, Municipio de Livingston

# CRUSTACEANS

*Cardisoma gauthieri Latreille*, Playa Blanca, Municipio de Livingston



## BIRDS

*Ardea alba Linnaeus*, Playa Quihuiche, Municipio de Livingston

## MAMMALS

*Alouatta palliata Gray*, Rio Higuerito, Municipio de Livingston

## CRUSTACEANS

*Cardisoma gauthieri Latreille*, Playa Blanca, Municipio de Livingston

## MOLLUSKS

GASTROPODA, Rio Manzanita, Municipio de Livingston



## BIRDS

*Ardea alba Linnaeus*, Playa Quihueche, Municipio de Livingston

## MAMMALS

*Alouatta palliata* Gray, Rio Higuerito, Municipio de Livingston

## CRUSTACEANS

*Cardisoma garrantum* Latreille, Playa Blanca, Municipio de Livingston

## MOLLUSKS

GASTROPODA, Rio Manarita, Municipio de Livingston

## FISH

*Astyanax* sp., Rio Bontio, Municipio de Livingston



Encuéntralo en Livingston:

# Tropical Animals



Belen Chacón  
Biology student  
Research team



The characteristics of tropical regions allow a greater biodiversity of species

# Molluscs

- Soft-bodied animals
- Most have a shell
- Ventral foot for locomotion
- They are filter fed
- Most have aquatic life

**Gastropods: snails and slugs**

**Bivalves: oysters, mussels, clams**

**Cephalopods: octopus, squid**

# Some molluscs in Livingston..



*Strombus* sp.

# Crustaceans

- Aquatic arthropods
- Larval stages: zooplankton
- Have a jaw
- Biramous appendages
- Two pairs of antennae: sense organs for touch and taste
- Gill respiration

**Lobsters, crabs,  
shrimp, barnacles**

# Some crustaceans in Livingston..



Decapoda Order



*Cardisoma guanhumi* Latreille.

# Fishes

- Skulled
- They have jaws
- They have gills
- Ray-finned fish are the most diverse vertebrates
- They have a swim bladder

**Chondrichthyans:**  
**sharks, rays, chimaeras**

**Actinopterygians:** ray-  
finned fishes

**Lobe-finned fishes**

# Some fish in Livingston..



"Mojarrita de río"



"Cubera"



*Astyanax* sp.

# Birds

- Egg
- They have scales on their legs
- Distinctive plumage
- Hollow bones to fly
- Adapted according to their ecological function

**Ecological functions of pollinators, seed dispersers, pest control, prey population control, environmental indicators and health function**

# Some birds in Livingston..



*Ardea alba* Linnaeus.  
White Heron



*Coragyps atratus* Bechstein.  
Buzzard



*Pteroglossus torquatus* Gmelin.  
Collared toucan

# Some birds in Livingston..



*Amazilia* sp.

Blue Throated Hummingbird



*Buteogallus* sp.  
Brown falcon



*Pelecanus occidentalis* Linnaeus.

Brown pelican

# Mammals

- Presence of hair
- Mammary glands
- Developed nervous system
- Various forms
- Specific ecological functions

**Diversity of placental mammals**

**Diversity of adaptations**

## Some mammals in Livingston..



*Artibeus lituratus* Olfers



*Alouatta palliata* Gray  
Howler monkey



*Tursiops truncatus* Montagu  
Bottlenose dolphin



# FLAAR

## MESOAMÉRICA

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# Location of species on the FLAAR Mesoamerica catalogs

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# FLAAR Mesoamerica 2022

Project: Documentation of the Biodiversity from  
Municipio de Livingston, Izabal  
Photographic record from FLAAR Mesoamerica

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