

# **BIRDS**

**(Ornithology: the study of Birds)**

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# Introduction:

- PNG has 779 species of birds including 365 species found only in New Guinea (endemic) (Pratt & Beehler et al, 2015)
- Birds play a significant role in the forest ecosystems as seed dispersers, pollinators & predators.

# Results: bird feeding guilds

Nectarivore



Frugivore



Carnivore



Insectivore



# **Method of Bird Monitoring**

- Point-Count (seen or heard)
- Song meter (recording machine)
- Mackinnon List (random count)
- Mist netting (to catch birds)

□ Point count



➤ Point count (Audio recorder)



Shot-gun Recorder

# MACKINNON DATA SHEET:

MacKinnon lists													
Name of surveyor:													
Period of surveys: ____ / ____ / ____ - ____ / ____ / ____ (DD/MM/YY)													
ID's of finished plots (Cluster names)		( )											
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<p>Make 10 species long species lists</p> <p>Start each point at new side of the page, include note Page X/ Pages Y at lower left corner for each point</p>													
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# Song Meter Recorder:



Microphone

Power on  
button  
& SD card slot

Battery slot  
"D" size x 4

## Song Meter:

1. SD cards x 4 (8GB)
2. Batteries x 4 "D" size



# PNG Birds Conservation Status:

## VULNERABLE SPECIES.

1. Southern Cassowary — resident
2. New Guinea Vulturine Parrot— endemic
3. Northern Cassowary— endemic
4. Black- winged Lory— endemic
5. Giant Wattled Honeyeater— endemic
6. Black Sicklebill— endemic
7. New Guinea Harpy- Eagle— endemic
8. Blue Bird of Paradise — endemic
9. New Guinea Vulturine Parrot— endemic
10. Southern Crowned Pigeon— endemic

➤ *These are species which have been categorized by IUCN as likely to be endangered unless the circumstances that are threatening its survival and reproduction improve.*

## Recorded in surveys



Southern Cassowary (Coates – 1985)



Giant Wattled Honeyeater



Em Tasol.



Photo by: Bulisa Iova

Thank you