BIRDS

(Ornithology: the study of Birds)

Luda Paul

New Guinea Binatang Research Centre



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 <u>dispersers</u>, <u>pollinators</u> & <u>predators</u>.

Results: bird feeding guilds



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 Recorde

MACKINNON DATA SHEET:

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Song Meter Recorder:



Song Meter: 1.

Battery slot "D" size x 4

- 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. <u>Blue Bird of Paradise endemic</u>
- 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

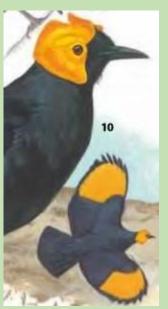


Blue Bird of Paradise (Photo: Courtesy of PNGNMAG collections)

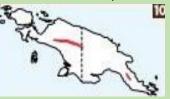


Southern Cassowary (Coates – 1985)





Giant Wattled Honeyeater



Em Tasol.



Photo by: Bulisa Iova

Thank you