



Republic of the Philippines
Department of Environment and Natural Resources
Provincial Environment and Natural Resources Office
MIMAROPA Region

Bgy. Sta. Monica, Puerto Princesa City, Palawan

E-mail: penropalawan@denr.gov.ph

Telfax No. (048) 433-5638 / (048) 433-5638

February 20, 2023

MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA
1515 DENR By the Bay Bldg., Roxas Boulevard,
Barangay 668, Ermita, Manila

THRU : The OIC, ARD for Technical Services

FROM : The Provincial Environment and
Natural Resources Officer

SUBJECT : **CONSOLIDATED REPORTS OF THE CONDUCTED
ACTIVITIES FOR ANNUAL ASIAN WATERBIRD CENSUS
(AWC) 2023**

Respectfully submitted are the reports on the conducted Annual Asian Waterbirds Census for 2023 of the following:

1. Snake Island NCMCR, PENRO-CDS
2. MSPLS, Taytay-San Vicente, Palawan
3. CENRO Roxas, Palawan


This serves as **Means of Verification (MoV)** for the 2023 target activities.

For information and record.


FELIZARDO B. CAYATOC



0482/0759

DENR-PALAWAN
PENRO-RECORDS
RELEASED
By 
Date: 21 FEB 2023 IN 23-458



Republic of the Philippines
Department of Environment and Natural Resources
Provincial Environment and Natural Resources Office
MIMAROPA Region
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7 February 2023

MEMORANDUM

FOR : The Regional Executive Director
MIMAROPA Region
1515 DENR By the Bay Building, Roxas Blvd.
Barangay 668, Ermita, Manila

THRU : The OIC Assistant Regional Director for Technical Services

FROM : The Provincial Environment and
Natural Resources Officer

SUBJECT : **ACTIVITY REPORT ON THE CONDUCTED 1st QUARTER
WATERBIRDS ASSESSMENT AT SNAKE ISLAND NCMCR ON
JANUARY 24-25, 2023**

Forwarded is the memorandum dated February 7, 2023 of CDS Chief Rhodora B. Ubani along with the subject report of Research Assistant Christine P. Dagos of Snake Island NCMCR.

As per report, the activity was conducted on January 24-25, 2023 in partnership with City ENRO and CENRO PPC technical personnel. During the assessment, twenty-two (22) bird species were observed, with a total of one hundred fifty-one (151) individuals counted from January 24, 2023 at 9:00AM to 10:25PM and January 25, 2023 at 5:30AM to 8:00AM with a sunny weather.

This report will serve as the Means of Verification (MOV) for Snake Island NCMCR CY 2023 activities. Attached herewith is the activity report with photo documentation.

For information and record.



FELIZARDO B. CAYATOC

DENR-PALAWAN
PENRO-RECORDS
RELEASED
By *Chae*
Date: **8 FEB 2023** CN **23-353**



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Telfax No. (048) 433-5638 / (048) 433-5638

7 February 2023

MEMORANDUM

FOR : The Regional Executive Director
MIMAROPA Region
1515 DENR By the Bay Building, Roxas Blvd.
Barangay 668, Ermita, Manila

THRU : The OIC Assistant Regional Director for Technical Services

FROM : The Provincial Environment and
Natural Resources Officer

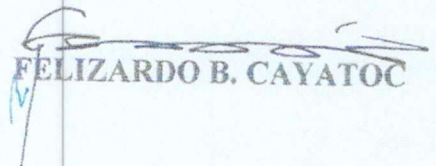
SUBJECT : **ACTIVITY REPORT ON THE CONDUCTED 1st QUARTER
WATERBIRDS ASSESSMENT AT SNAKE ISLAND NCMCR ON
JANUARY 24-25, 2023**

Forwarded is the memorandum dated February 7, 2023 of CDS Chief Rhodora B. Ubani along with the subject report of Research Assistant Christine P. Dagos of Snake Island NCMCR.

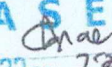
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This report will serve as the Means of Verification (MOV) for Snake Island NCMCR CY 2023 activities. Attached herewith is the activity report with photo documentation.

For information and record.


FELIZARDO B. CAYATOC



DENR-PALAWAN
PENRO-RECORDS
RELEASED
By 
Date: 18 FEB 2023 CN 23-953



Republic of the Philippines
Department of Environment and Natural Resources
Provincial Environment and Natural Resources Office
MIMAROPA Region
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February 1, 2023


MEMORANDUM

TO : The Provincial Environment and Natural Resources Officer

FROM : The Chief,
Conservation and Development Section
Snake Island Management Officer in concurrent capacity

SUBJECT : **ACTIVITY REPORT ON THE CONDUCTED 1st QUARTER WATERBIRDS ASSESSMENT AT SNAKE ISLAND NCMCR ON JANUARY 24-25, 2023**

DENR PENRL
PALAWAN RECORDS
RECEIVED

BY: 
DATE: 12-03-2023 BN 23-DKH

Respectfully submitted is the activity report of Research Assistant Christine P. Dagos of Snake Island-NCMCR on the conducted Waterbirds Assessment at Snake Island on January 24-25, 2023.

As reported, there are twenty-two (22) bird species were observed, with a total of one hundred fifty-one (151) individuals recorded around the island. The top three species with the most individuals recorded are the Whimbrel, with approximately twenty-three (23) individuals, Rudy Turnstone and Eastern Yellow Wagtail has eighteen (18) individuals recorded each, while the species with the fewest individuals observed are the Common Greenshank and Pied thriller, each of which has only one (1) individual recorded. The activity was conducted in partnership with City ENRO and CENRO PPC technical personnel.

This will serve as the Means of Verification (MOV) for Snake Island NCMCR CY 2023 activities. Attached is the activity report and photo documentation.

For his information and further instruction.


RHODORA B. UBANI



ACTIVITY REPORT ON CONDUCTED 1st QUARTER WATERBIRDS ASSESSMENT AT SNAKE ISLAND NCMCR ON JANUARY 24-25, 2023

As part of the regular monitoring of waterbirds population in Snake Island-National Coastal and Marine Center for Research, a quarterly assessment was programmed to monitor its population and analyze for further studies. For the 1st quarter of year 2023, monitoring team from PENRO Palawan in partnership with CENRO Puerto Princesa City and City ENRO conducted the assessment on January 24-25, 2023.

During the assessment, the monitoring team observed in three different sites of the island, the Admin building, the Northern part and the Helipad. Among the three sites, the Helipad have the most water bird individual count recorded with a total of seventy-seven (77) individuals.

For the record, there are twenty-two (22) bird species were observed, with a total of one hundred fifty-one (151) individuals recorded around the island. The top three species with the most individuals recorded are the Whimbrel, with approximately twenty-three (23) individuals, Rudy Turnstone and Eastern Yellow Wagtail with eighteen (18) individuals recorded each, while the species with the fewest individuals observed are the Common Greenshank and Pied thriller, each of which has only one (1) individual recorded. It was low tide during the monitoring. The table below also shows the conservation status of these waterbirds based on International Union for Conservation of Nature (IUCN) Redlist of Endangered Species version 2020-2, Department of Environment and Natural Resources Biodiversity Management Bureau (DENR BMB): Philippine Redlist of threatened wild fauna Part 1 - Vertebrates and the Palawan Council for Sustainable Development (PCSD) Resolution No. 15-521.

SNAKE ISLAND NATIONAL COASTAL AND MARINE CENTER FOR RESEARCH

Honda Bay, Puerto Princesa City
(N 9°54'13" E 118°49'40")

Date: January 24, 2023
Date: January 25, 2023

Weather: Sunny
Weather: Sunny

Time Started: 9:40 AM
Time Started: 5:30 AM

Time Ended: 10:25 PM
Time Ended: 8:00 AM

Waterbirds observed:						
Species Name	Conservation Status	Distribution	No. of Individuals			Total
			Admin	Northern Part	Helipad	
Whimbrel <i>Numenius phaeopus</i>	Least Concern (IUCN)	Migrant	7	6	10	23



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Species Name	Conservation Status	Distribution	No. of Individuals			Total
			Admin	Northern Part	Helipad	
Rudy Turnstone <i>Arenaria interpres</i>	Least Concern (IUCN)	Migrant	1	7	10	18
Eastern Yellow Wagtail <i>Motacilla tschutschensis</i>	Least Concern (IUCN)				18	18
Grey-Tailed Tattler <i>Tringa Brevipes</i>	Least Concern (IUCN)	Migrant		6	7	13
Lesser Sand Plover <i>Charadrius mongolus</i>	Least Concern (IUCN)	Migrant		4	8	12
Grey Plover <i>Pluvialis squatarola</i>	Least Concern (IUCN)	Migrant		2	9	11
Collard Kingfisher <i>Todiramphus chloris</i>	Least Concern (IUCN)	Resident	3	5	2	10
Intermediate Egret <i>Ardea intermedia</i>	Least Concern (IUCN)			6	2	8
Common Kingfisher <i>Alcedo attis</i>	Least Concern (IUCN)		1	3	1	5
White-breasted Wood Swallow <i>Artamus leucorhynchus</i>	Least Concern (IUCN)	Resident			5	5
Olive-backed Sunbird <i>Cinnyris jugularis</i>	Least Concern (IUCN)	Resident	2		2	4
Barn Swallow <i>Hirundo rustica</i>			3			3
Eurasian Curlew <i>Numenius arquata</i>	Near Threatened (IUCN) OTS (DENR)	Migrant		3		3
Common Redshank <i>Tringa tetanus</i>	Least Concern (IUCN)	Migrant		1	2	3
Great-billed Heron <i>Ardea Sumatra</i>	Least Concern (IUCN)	Resident		3		3
Malaysian Plover <i>Charadrius peronii</i>	Near Threatened (IUCN) Vulnerable (DENR)	Resident		2 (M&F)		2

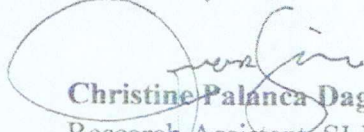


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- Mr. Mark Angel H. Lito- SI-NCMCR Staff of PENRO Palawan
- Mr. Vincent G. Arcano- SI-NCMCR Staff of PENRO Palawan

Attached is the photo documentation of the activity.

Prepared by:


Christine Palanca Dagos
Research Assistant, SI-NCMCR

Noted by:

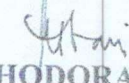

RHODORA B. UBANI
Chief CDS/ SIMO



PHOTO DOCUMENTATION



Waterbirds Monitoring Team composed of City ENRO, CENRO PPC, PENRO and Snake Island personnel



Monitoring team in the Admin part of Snake Island NCMCR



Monitoring team in the Northern Part of Snake Island NCMCR



Monitoring team in the Helipad of Snake Island NCMCR



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region

COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

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Email: cenrotaytay@denr.gov.ph

**DENR CENRO
PALAWAN RECORDS
RECEIVED**

January 24, 2023

MEMORANDUM

BY: [Signature]
DATE: 01-27-2023 23-0682

FOR : The Provincial Environment and Natural Resources Officer- Palawan
Sta. Monica, Puerto Princesa City

FROM : The Community Environment and Natural Resources Officer

SUBJECT : **REPORT ON THE CONDUCTED ANNUAL WATERBIRD
CENSUS FOR 2023 WITHIN MALAMPAYA SOUND
PROTECTED LANDSCAPE AND SEASCAPE (MSPLS),
TAYTAY-SAN VICENTE, PALAWAN**

Respectfully forwarded is the Memorandum dated January 20, 2023 of In Charge, CDS/Protected Area Superintendent (PASu) Clarissa P. Pador of Malampaya Sound Protected Landscape and Seascape (MSPLS). Taytay-San Vicente, Palawan.

For his information and record.

CONRADO M. CORPUZ

Cc: PAMO-MSPLS

**DENR CENRO
TAYTAY, PALAWAN
RELEASED**

BY: [Signature]
DATE: JAN 25 2023 CN 234



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region

COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

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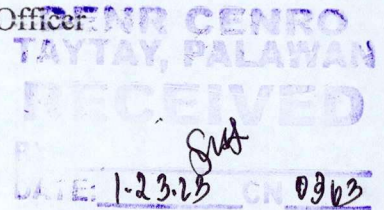
January 20, 2023

MEMORANDUM

FOR : The Community Environment and Natural Resources Officer
This jurisdiction

FROM : The In Charge, CDS/Protected Area Superintendent
Malampaya Sound Protected Landscape and Seascape
Taytay-San Vicente, Palawan

SUBJECT : **REPORT ON THE CONDUCTED ANNUAL WATERBIRD
CENSUS FOR 2023 WITHIN MALAMPAYA SOUND
PROTECTED LANDSCAPE AND SEASCAPE (MSPLS),
TAYTAY-SAN VICENTE, PALAWAN**



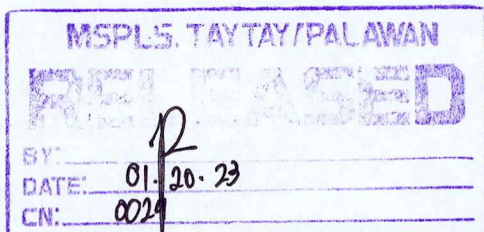
Respectfully submitted is the report on the conducted Annual Asian Waterbird Census within Malampaya Sound Protected Landscape and Seascape, Taytay-San Vicente, Palawan on January 20, 2023. The activity was conducted by the Protected Area Management Office (PAMO)-MSPLS personnel.

During the activity, seven (7) waterbird species were monitored in the Inner Sound of MSPLS, and Stork bill Kingfisher recorded as the newly species in the unidentified stork species category. Result shows that Little Egret (*Egretta garzetta*) is the most frequently monitored species with One Hundred Sixty-Six (166) individual.

Attached are the AWC forms, photo documentation and map.

For information and record.


CLARISSA P. PADOR





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Department of Environment and Natural Resources
MIMAROPA Region

COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

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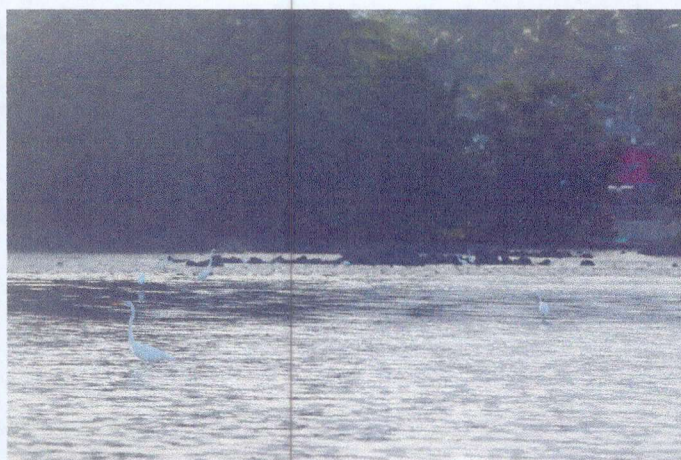
PHOTO DOCUMENTATION



Rufous Night Heron (*Nycticorax caledonicus*)



Little Egret (*Egretta garzetta*)



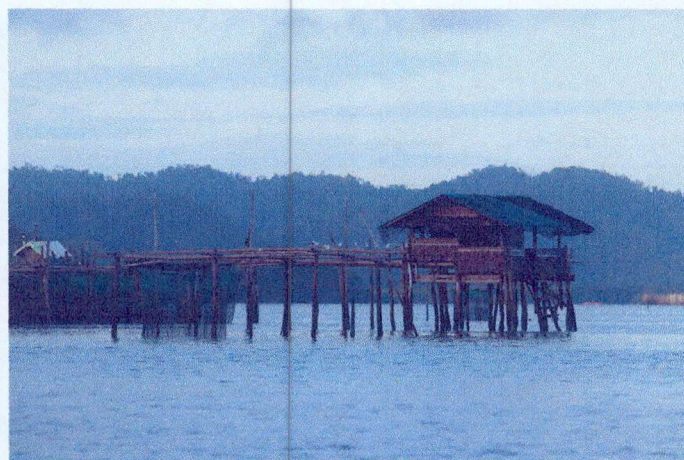
Great Egret (*Egretta alba*)



Flocks of Little and Great Egret



Whimbrel (*Numenius phaeopus*)



Whiskered Tern (*Chlidonias hybridus*)

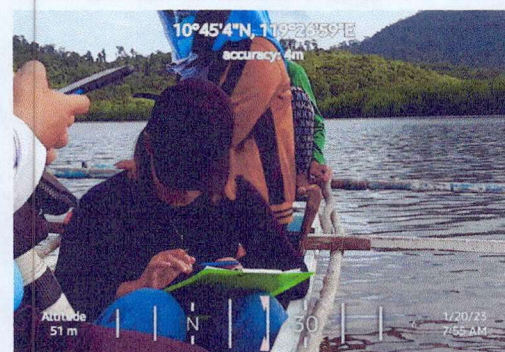
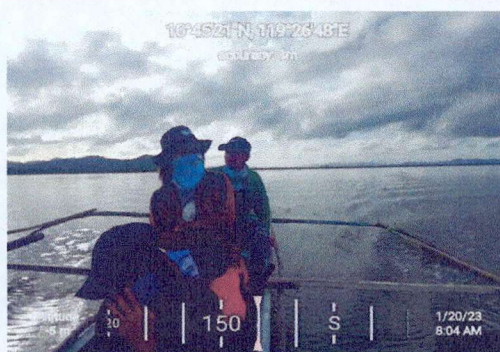
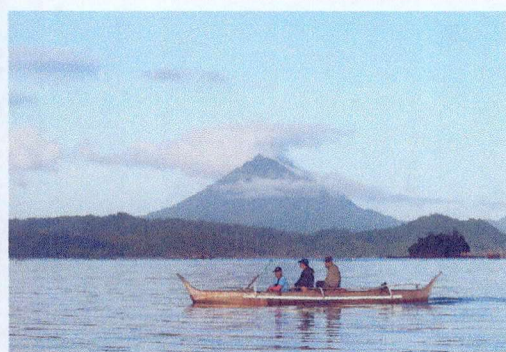


Photo showing during the conducted water bird census from station 1 to 8 of MSPLS on January 20, 2023

Asian Waterbird Census (Southeast Asia)



Please return to your National Co-ordinator or Wetland International, 3A39, Kelana Centre Point, No. 3, Jalan SS7/19, Kelana Jaya 47301, MALAYSIA (before March)

Country:

PHILIPPINES

Name of Site:

MALAMPAYA SOUND PROTECTED LANDSCAPE AND SEASCAPE

Date:

JANUARY 10, 2023

Province/State/Prefecture: PALAWAN

Site Code (only for official use):

Nearest Large Town: PUERTO PRINCECITY

Type: A - Aerial, F - On foot, (B) - By boat, M - Mixed
Coverage: V-25%, W-25-50%, X-50-75%, Y-75-99%, Z-100%

Has the site been counted before?

Yes



No



Waterfowl Counts

Little Grebe *Tachybaptus ruficollis*

CORMORANTS & DARTERS

Great Cormorant *Phalacrocorax carbo*

Indian Shag *P. fuscicollis*

Little Cormorant *P. niger*

Unidentified cormorants

Oriental Darter *Anhinga melanogaster*

HERONS & EGRETS

Great Bittern *Botaurus stellaris*

Yellow Bittern *Ixobrychus sinensis*

Schrenck's Bittern *I. eurhythmus*

Cinnamon Bittern *I. cinnamomeus*

Black Bittern *I. flavicollis*

Japanese Night Heron *Gorsachius gusaki*

Malayan Night Heron (Tiger Bittern) *G. melanolophus*

Black-crowned Night Heron *Nycticorax nycticorax*

29

Rufous Night Heron *N. caledonicus*

Indian Pond Heron *Ardeola grayii*

Chinese Pond Heron *A. bacchus*

Javan Pond Heron *A. speciosa*

Cattle Egret *Bubulcus ibis*

Striated (Little Green) Heron *Butorides striatus*

Eastern Reef Egret *Egretta sacra*

Chinese (Swinhoe's) Egret *E. eulophotes*

166

Little Egret *E. garzetta*

Intermediate Egret *E. intermedia*

42

Great Egret *E. alba*

Purple Heron *Ardea purpurea*

Grey Heron *A. cinerea*

Great-billed Heron *A. sumatrana*

Unidentified herons and egrets

STORKS

Milky Stork *Mycteria cinerea*

Painted Stork *M. leucocephala*

Asian Openbill *Anastomus oscitans*

Black Stork *Ciconia nigra*

Woolly-necked Stork *C. episcopus*

Storm's Stork *C. stormi*

Black-necked Stork *Ephippiorhynchus asiaticus*

Lesser Adjutant *Leptoptilos javanicus*

Greater Adjutant *L. dubius*

3

Unidentified storks

IBISES & SPOONBILLS

Black-headed (White) Ibis *Threskiornis melanocephalus*

White-shouldered Ibis *Pseudibis davisoni*

Giant Ibis *Thaumatibis gigantea*

Glossy Ibis *Plegadis falcinellus*

White Spoonbill *Platalea leucorodia*

Black-faced Spoonbill *P. minor*

Unidentified Spoonbills

GEESE & DUCKS

Spotted Whistling Duck *Dendrocygna guttata*

Fulvous (Large) Whistling Duck *D. bicolor*

Wandering Whistling Duck *D. arcuata*

Lesser Whistling Duck (Lesser Tree Duck) *D. javanica*

Greylag Goose *Anser anser*

Bar-headed Goose *A. indicus*

Ruddy Shelduck *Tadorna ferruginea*

Common Shelduck *T. tadorna*

White-winged Wood Duck *Cairina scutulata*

Comb Duck *Sarkidiornis melanotos*

Indian Cotton Teal *Nettapus coromandelianus*

Eurasian Wigeon *Anas penelope*

Fulvous Teal *A. fulva*

Gadwall *A. strepera*

Common (Green-winged) Teal *A. crecca*

Grey Teal *A. gibberifrons*

Mallard *A. platyrhynchos*

Spot-billed Duck *A. poecilorhynchos*

Philippine Duck *A. luzonica*

Northern Pintail *A. acuta*

Garganey *A. querquedula*

Northern Shoveler *A. clypeata*

Red-crested Pochard *Netta rufina*

Common Pochard *Aythya ferina*

Baer's Pochard *A. baeri*

Ferruginous Duck *A. nyroca*

Tufted Duck *A. fuligula*

Goosander *M. merganser*

Unidentified ducks

CRANES

Common Crane *Grus grus*

Sarus Crane *G. antigone*

RAILS, GALLINULES & COOTS

Water Rail *Rallus aquaticus*

Slaty-breasted Rail *R. striatus*

Banded Rail *R. philippensis*

Barred Rail *R. torquatus*

Red-legged Crane *Rallina fasciata*

Slaty-legged Crane *R. eurizonoides*

Baillon's Crane *Porzana pusilla*

Ruddy Crane *P. fusca*

Band-bellied Crane *P. paykullii*

Spotless Crane *P. tabuensis*

White-browed Crane *P. cinereus (Poliolimnas cinereus)*

Brown Crane *Ammaurornis akool*

Bush-Hen *A. olivacea*

White-breasted Waterhen *A. phoenicurus*

Watercock *Gallinix cinerea*

Moorhen <i>Gallinula chloropus</i> Purple Swampphen <i>Porphyrio porphyrio</i> Common Coot <i>Fulica atra</i> FINFOOT & JACANAS Masked Finfoot <i>Heliopais personata</i> Comb-crested Jacana <i>Irediparra gallinacea</i> Pheasant-tailed Jacana <i>Hydrophasianus chirurgus</i> Bronze-winged Jacana <i>Metopidius indicus</i> SHOREBIRDS- WADERS Painted Snipe <i>Rostratula benghalensis</i> Crab Plover <i>Dromas ardeola</i> Black-winged Stilt <i>Himantopus himantopus</i> Australian (White-headed) Stilt <i>H. leucocephalus</i> Avocet <i>Recurvirostra avosetta</i> Great Thick-knee <i>Esacus recurvirostris</i> Beach Thick-knee <i>E. magnirostris</i> Oriental Pratincole <i>Glareola maldivarum</i> Little Pratincole <i>G. lactea</i> Northern Lapwing <i>Vanellus vanellus</i> River Lapwing <i>V. duvaucelii</i> Grey-headed Lapwing <i>V. cinereus</i> Red-wattled Lapwing <i>V. indicus</i> Pacific Golden Plover <i>Pluvialis fulva</i> Grey Plover <i>P. squatarola</i> Long-billed Plover <i>Charadrius placidus</i> Little Ringed Plover <i>C. dubius</i> Kentish Plover <i>C. alexandrinus</i> Malaysian Plover <i>C. peronii</i> Mongolian Plover <i>C. mongolus</i> Greater Sand Plover <i>C. leschenaultii</i> Oriental Plover <i>C. veredus</i> Black-tailed Godwit <i>Limosa limosa</i> Bar-tailed Godwit <i>L. lapponice</i> Little Curlew <i>Numenius minutus</i> 1 Whimbrel <i>N. phaeopus</i> Eurasian Curlew <i>N. arquata</i> Far Eastern Curlew <i>N. madagascariensis</i> Spotted Redshank <i>Tringa erythropus</i> Redshank <i>T. totanus</i> Marsh Sandpiper <i>T. stagnatilis</i> Greenshank <i>T. nebularia</i> Nordmann's Greenshank <i>T. guttifer</i> Green Sandpiper <i>T. ochropus</i> Wood Sandpiper <i>T. glareola</i> Terek Sandpiper <i>Xenus cinereus</i> 2 Common Sandpiper <i>Actitis hypoleucos</i>	Grey-tailed (Grey-rumped) Tattler <i>Heteroscelus brevipes</i> Ruddy Turnstone <i>Arenaria interpres</i> Red-necked Phalarope <i>Phalaropus lobatus</i> Eurasian Woodcock <i>Scolopax rusticola</i> Pintail Snipe <i>Gallinago stenura</i> Swinhoe's Snipe <i>G. megala</i> Common Snipe <i>G. gallinago</i> Asiatic Dowitcher <i>Limnodromus semipalmatus</i> Red Knot <i>Calidris canutus</i> Great Knot <i>C. tenuirostris</i> Sanderling <i>C. alba</i> Red-necked (Rufous-necked) Stint <i>C. ruficollis</i> Temminck's Stint <i>C. temminckii</i> Long-toed Stint <i>C. subminuta</i> Sharp-tailed Sandpiper <i>C. acuminata</i> Dunlin <i>C. alpina</i> Curlew Sandpiper <i>C. ferruginea</i> Spoon-billed Sandpiper <i>Eurynorhynchus pygmeus</i> Broad-billed Sandpiper <i>Limicola falcinellus</i> Unidentified shorebirds GULLS, TERNS & SKIMMERS Herring Gull <i>Larus argentatus</i> Brown-headed Gull <i>L. brunnicephalus</i> Black-headed Gull <i>L. ridibundus</i> Saunders' Gull <i>L. saundersi</i> Unidentified gulls 12 Whiskered Tern <i>Chlidonias hybridus</i> White-winged Black Tern <i>C. leucopterus</i> Gull-billed Tern <i>Gelochelidon nilotica</i> Caspian Tern <i>Hydroprogne caspia</i> Indian River Tern <i>Sterna aurantia</i> Common Tern <i>S. hirundo</i> Black-naped Tern <i>S. sumatrana</i> Black-bellied Tern <i>S. melanogaster</i> Little Tern <i>S. albiglans</i> Great Crested Tern <i>S. bergii</i> Lesser Crested Tern <i>S. bengalensis</i> Unidentified terns Indian Skimmer <i>Rynchops albigollis</i> ADDITIONAL SPECIES
---	--

USEFUL SITE INFORMATION: (please circle the relevant figures)

CONDITION OF WETLAND ① Wet (water present), 2 Totally dry, 3. Totally frozen

PROTECTION PRESIDENTIAL PROCLAMATION NO. 342 DATED JULY 12, 2000

THREATS AND USES: 0 Unknown, 1 None, ② Sedimentation, 3 Excessive overgrowth of vegetation, ④ Cutting/clearance of vegetation, 5 Eutrophication, ⑥ Agriculture along drying margins, 7 Excessive cattle grazing, Pollution by: ⑧ domestic sewage, 9 solid waste, A industrial waste, B oil, ⑨ pesticides, ⑩ fertilizers, E Mining, F Hunting/trapping/poaching of birds, G Little fishing, H Large scale fishing, I Partial reclamation, J Complete reclamation, K Dam/barrage construction, L Tourism/recreation

TIME OF COUNT: START : 6:51 am/pm FINISH : 7:59 am/pm

PARTICIPANT(S) NAME (S) AND ADDRESS(ES):

CLARISSA P. PADOR FRANCIS ABE G. BOSE RENNIE O. TENOLITE
MELKY P. OAB JOSEPH C. AGBIT RICHARD M. VALONES
RICARDO S. TANOC RICHEN R. ARMENIA

Asian Waterfowl Census (Site Form)



Please return to the National Co-ordinator, Asian Waterbird Census, Protected Areas and Wildlife Bureau, Quezon Avenue, Diliman, Quezon City (before the end of March)

COUNTRY:

PHILIPPINES

NAME OF SITE:

MALAMPAYA SOUND PROTECTED LANDSCAPE + SEASCAPE

DATE:

JANUARY 20, 2023

ALTITUDE:

m above sea level

PROVINCE/STATE/PREFECTURE PALANAN

AREA:

ha/km

NEAREST LARGE TOWN: PUERTO PRINCEPA CITY

CO-ORDINATES:

deg.

min.

N/S

SITE CODE:

(For official use only)

deg.

min.

E

WETLAND TYPE: (please circle the relevant figures)

0 Open seas, bays, straits

1 Estuaries, tidal mudflats, salt pans

2 Brackish or saline lakes, lagoons, salt pans

3 Rivers, streams, canals, drains

4 Freshwater marshes, flooded areas

5 Freshwater lakes, ponds

6 Reservoirs, barrages, tanks

7 Gravel pits, mineral workings, mining pools

8 Fish ponds, shrimp ponds

9 Grassland, arable land

10 Mangrove, nipah

11 Freshwater swamp forest, peat swamp forest

If any other type, please specify:

DESCRIPTION SITE: (please circle the relevant figures)

a. Month of maximum flooding:

b. Annual rainfall:

mm

c. Source: 1. Local rains 2. River/stream 3. Sea 4. Other 0. Unknown

d. Maximum depth of water in meters: 1 m

e. Tidal variation: 1. Present 2. Absent 0. Unknown

f. Salinity: 1. Freshwater 2. Brackish 3. Saline 0. Unknown

g. Is the site: 1. Permanent 2. Temporary 3. Semi-permanent 0. Unknown

h. Vegetation cover: 1. None 2. Half area 3. Complete 4. Recently cleared 0. Unknown

i. Vegetation type: 1. Growing on bank 2. Submerged in water 3. Free floating 4. Floating-leaved rooted 5. Emergent 0. Unknown

j. Protection/conservation status: 1. By Government 2. By tradition 3. Private ownership 4. Unprotected 0. Unknown

k. Fishing: 1. None 2. Little 3. Moderate 4. Large scale 0. Unknown

l. Hunting/trapping/poaching of birds: 1. None 2. Little 3. Moderate 4. Large scale 0. Unknown

m. Agriculture: 1. None 2. Little 3. Moderate 4. Large scale 0. Unrecorded

n. Cattle grazing: 1. None 2. Little 3. Moderate 4. Large scale 0. Unrecorded

o. Threats/uses: 0. Unknown 1. None 3. Excessive over growth of vegetation 4. Cutting/clearance of vegetation 5. Eutrophication 6. Agriculture along dry margins, 7. Excessive cattle grazing 8. Partial/complete reclamation 9. Dam/barrage construction 10. Tourism

If any other type of threats/uses, please specify:

p. Pollution by: 1. Domestic sewage 2. Solid waste 3. Industrial waste 4. Oil 5. Pesticides 6. Fertilisers 7. Mining

If any other type of pollution, please specify:

q. Active Conservation measures by: 0. Unknown 1. Local Government 2. National Government

3. Managed by conservation group (including local community) 4. No management

ADDITIONAL COMMENTS:

Outline map of wetland count unit (limit of the area covered by the count) with important geographical features (cities, roads, rivers, hills) included. Reverse of sheet may be used if necessary. Attach a copy of map if available.

PARTICIPANT(S) NAME(S) AND ADDRESS(ES):

CHARISSA P. PADOR

RICARDO S. TANDOC

JOSEPH C. AGBIT

RENNIE O. TENOLITE

MELISSA P. OAB

FRANCIS ABEL G. BOSE

RICHARD R. ARMENIA

RICHARD M. VALONIS



Republic of the Philippines
Department of Environment and Natural Resources
Region IV- MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Barangay III (Poblacion), Roxas, Palawan
Contact No. 09171606578 / 09175028647
Email address: cenroroxaspalawan@denr.gov.ph

January 18, 2023

MEMORANDUM

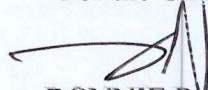
FOR : The Provincial Environment and
Natural Resources Officer
Sta. Monica, Puerto Princesa City


FROM : The Community Environment and
Natural Resources Officer
Roxas, Palawan

SUBJECT : **ANNUAL ASIAN WATERBIRD CENSUS (AWC) 2023 & AND
COMMUNICATION, EDUCATION AND PUBLIC AWARENESS
(CEPA) IN JOHNSON ISLAND, ROXAS, PALAWAN**

Respectfully forwarded is the report of the Conservation and Development Section of CENRO-Roxas, Palawan on the abovementioned subject.

“For the CENRO”


RONNIE P. LILANG
LMO III/Chief, RPS &
Officer-In-Charge

DENR-CENRO ROXAS
RELEASED
DATE. JAN 19 2023
BY: 
NO. 2023-01-0109

**DENR PENRO
PALAWAN RECORDS
RECEIVED**

BY: 
DATE: 01-30-2023 CN 23-0759



Republic of the Philippines
Department of Environment and Natural Resources
Region IV- MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Barangay III (Poblacion), Roxas, Palawan
Contact No. 09171606578 / 09175028647
Email address: cenroroxaspalawan@denr.gov.ph

January 16, 2023

MEMORANDUM

FOR : The Community Environment and
Natural Resources Officer
Roxas, Palawan

FROM : The undersigned

SUBJECT : **ANNUAL ASIAN WATERBIRD CENSUS (AWC) 2023 & AND
COMMUNICATION, EDUCATION AND PUBLIC AWARENESS
(CEPA) IN JOHNSON ISLAND, ROXAS, PALAWAN**



Please be informed that last January 11 & 12, 2023 the undersigned conducted the Annual Asian Waterbird Census (AWC) for CY 2023 at Johnson Island in the Municipality of Roxas, Palawan together with Mr. Kay Paalan from the Municipal Environment and Natural Resources Office (MENRO).

On the first day, the team conducted a Communication, Education and Public Awareness (CEPA) on Asian Waterbird Census, Dugong and Republic Act 9147 or the Philippine Wildlife Conservation and Protection Act. During the CEPA, importance of Annual Waterbird Census and waterbird species, as well as their habitat, behavior and threat were discussed. The data collected during the Asian Annual Waterbird Censuses conducted from year 2020 to 2022 in the island were presented. It was observed during the previous waterbird censuses that some dogs chased waterbirds feeding in the tidal flats, thus, the team asked the participants who were mostly barangay officials to discourage those residents engaged in gleaning activities in bringing along their pet dogs to avoid such incidents. The team also encouraged them to conduct coastal clean ups since wastes can be observed along the coast and in the shallow portion of the water near the community. The CEPA was held in the barangay hall and attended by thirteen (13) barangay officials.

On the same day, the team started to conduct the first waterbird count at 2:44 PM which ended at 4:35 PM. A total of 486 individuals belonging to thirty-two (32) species of waterbirds were identified and recorded. On the second day, the team started to count at 6:56 AM which ended at 9:15 AM. A total of 634 individuals belonging to thirty-five (35) species were identified and recorded (Please see attached list). There were seven species of egrets & heron, three species of terns and twenty-four species of shorebirds.

Four species categorized as Vulnerable (VU) under DENR Administrative Order 2019-09 were observed which included Chinese Egrets (*Egretta eulophotes*), Greater Crested Terns (*Thalasseus bergii*), Asian Dowitchers (*Limnodromus semipalmatus*), and Black-tailed Godwits (*Limosa limosa*). Far Eastern Curlew *Numenius madagascariensis* and Great Knot *Calidris tenuirostris* are verified under the category of Endangered Species (EN) in both DENR-DAO 2019-09 and IUCN 2021-1.

If we compare the data collected from the previous years, the number of waterbirds/seabirds is declining. The weather may have in effect on their migration. During the count this year, the weather was windy and had a drizzle because of the Low Pressure Area (LPA) forecasted to enter the country. The data collected from Year 2020 to Year 2023 are shown on the graph below. In January 2020, the team was able to identify 32 bird species and counted the smallest number of individuals. Many individuals were counted in year 2020, when the team observed the congregations of Bar-tailed Godwits, Chinese Egrets and Great Crested Tern in the island. This year, we observed a congregation of Little Terns (*Sternula albifrons*) and the most numerous species counted were Chinese Egrets with 158 individuals. These egret's congregation was often observed along the tidal areas of the island.

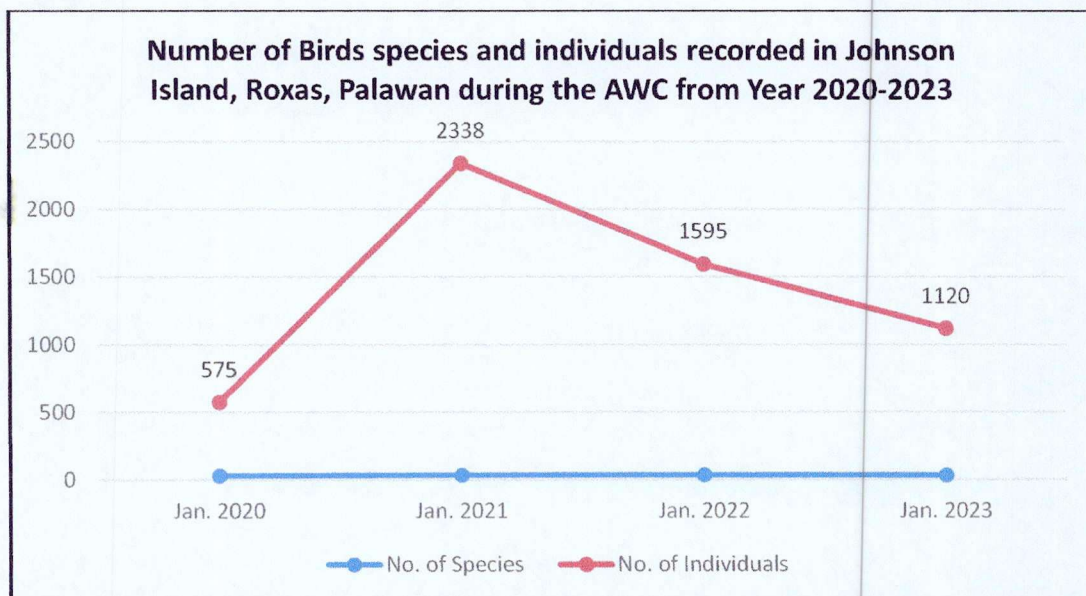


Figure 1. Chart shows the number of birds species and individuals recorded in Johnson Island, Roxas, Palawan during the Asian Waterbirds Census conducted from Year 2020-2023

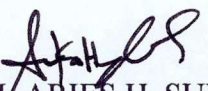
Johnson Island is part of the Green Island Bay in Roxas, Palawan where a very long sand flat is observed. It is known as a feeding site for a large congregation of migratory birds such as egrets and shorebirds. It is connected to the small islet, Puzzle, where people can walk during low tide.

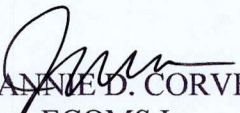
Pleased see attached checklist of birds observed, map, and photo documentation.


Prepared by:

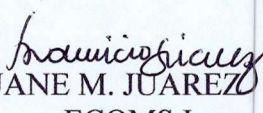

RINADES/L. JUSOS
 Forest Technician I


RONNIE JANN IAN MABITASAN
 Forest Ranger


KARL ARIES H. SUMANDAL
Forest Technician II


JO ANNE D. CORVERA
ECOMS I


CHUCK E. Y. AGUILOS
Forest Technician I

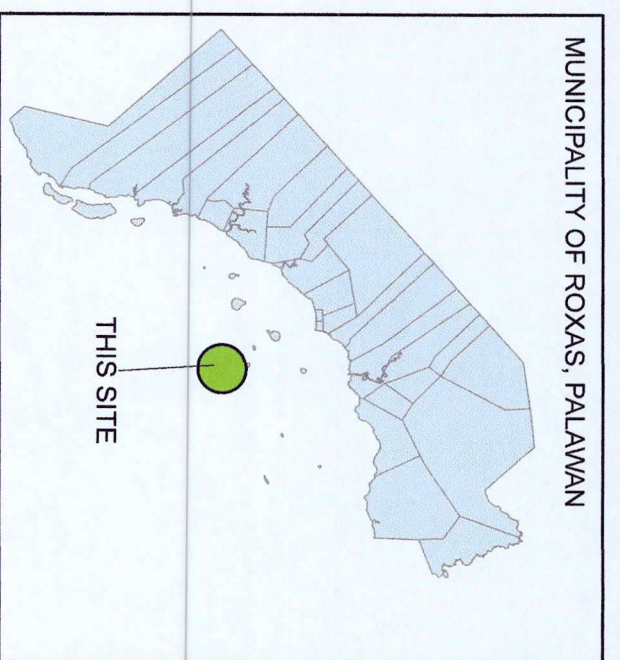
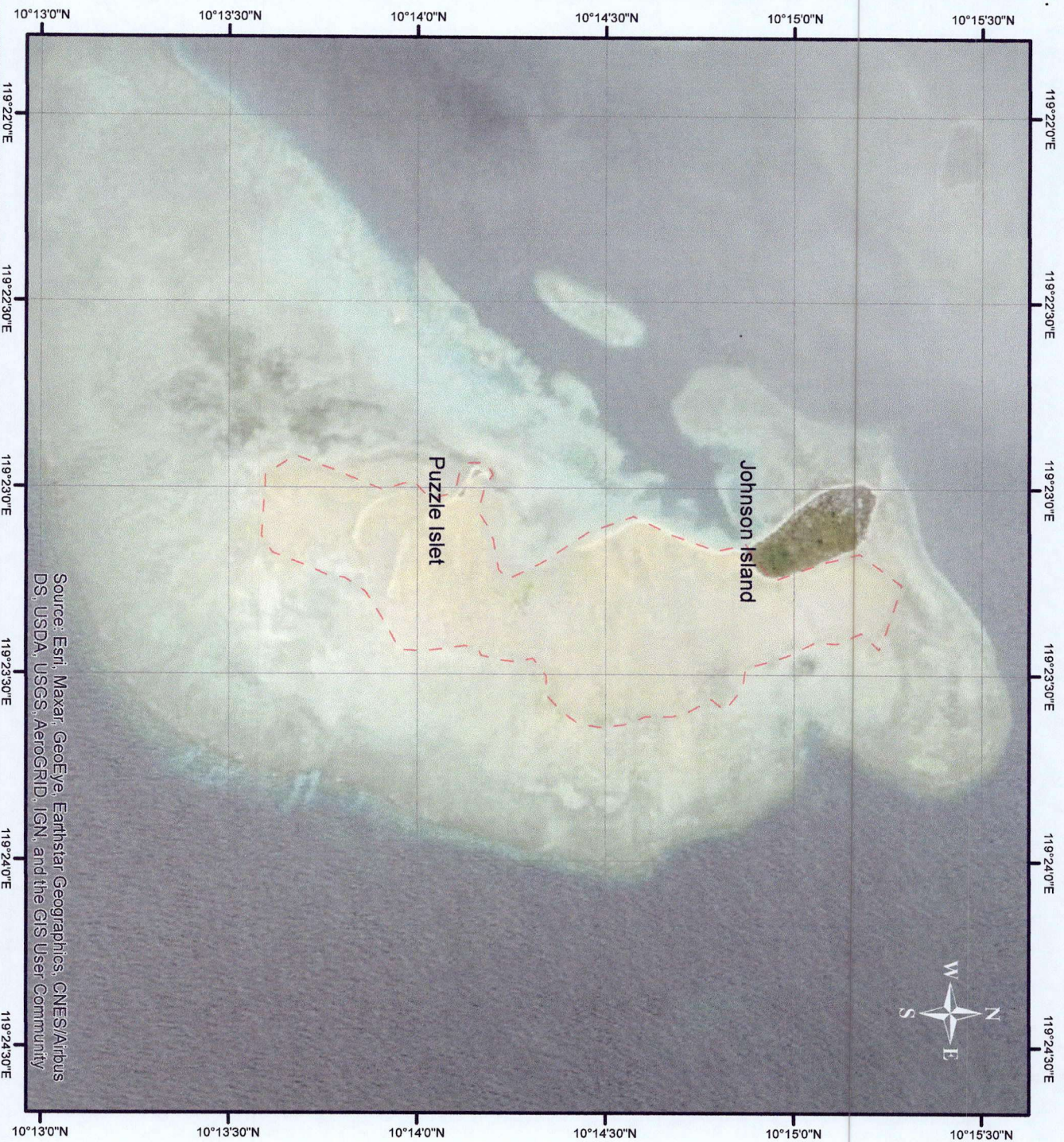

JANE M. JUAREZ
ECOMS I

Noted by:


RENSY L. MAGDAYAO
FI Chief, CDS



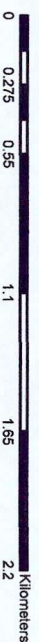
Map showing the ASIAN WATERBIRD CENSUS (AWC) 2023 SITE at Johnson Island, in the Municipality of Roxas, Palawan



Legend

- Waterbirds sightings
- World Imagery

Scale: 1:30,000



Digitized by:

RINADES L. JUSOS
Forest Technician I

Noted by:

RENSA L. MAGDAYAO
Et II

Date: 19 January 2023

Checklist of Birds Observed During Asian Waterbird Census in Johnson Island, Roxas, Palawan from January 11-12, 2023

No.	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	RESIDENCE STATUS	CONSERVATION STATUS		NO. OF INDIVIDUALS	
		(IOC v 11.1)	(IOC v 11.1)		IUCN	DENR-AO	Jan. 11	Jan. 12
					2021-1	2019-09		
1	Alcedinidae	Collared kingfisher	<i>Todiramphus chloris</i>	R	LC	OWS		1
2	Ardeidae	Chinese egret	<i>Egretta euphotes</i>	M	VU	VU	158	131
3	Ardeidae	Great egret	<i>Ardea alba</i>	R,M	LC	OWS	4	40
4	Ardeidae	Grey heron	<i>Ardea cinerea</i>	M	LC		1	1
5	Ardeidae	Intermediate egret	<i>Ardea intermedia</i>	R,M	LC	OWS	6	3
6	Ardeidae	Little egret	<i>Egretta garzetta</i>	R,M	LC	OWS	2	4
7	Ardeidae	Pacific reef heron	<i>Egretta sacra</i>	R	LC	OWS	12	1
8	Ardeidae	Striated heron	<i>Butorides striata</i>	R,M	LC	OWS	1	1
9	Charadriidae	Greater sand plover	<i>Charadrius leschenaultii</i>	M	LC		80	94
10	Charadriidae	Grey plover	<i>Pluvialis squatarola</i>	M	LC		7	4
11	Charadriidae	Kentish plover	<i>Charadrius alexandrinus</i>	M	LC		3	4
12	Charadriidae	Lesser sand plover	<i>Charadrius mongolus</i>	M	LC		11	70
13	Charadriidae	Pacific golden plover	<i>Pluvialis fulva</i>	M	LC		3	18
14	Hirundinidae	Barn Swallow	<i>Hirundo rustica</i>	M	LC		5	2
15	Laridae	Greater crested tern	<i>Thalasseus bergii</i>	R	LC	VU		42
16	Laridae	Gull-billed tern	<i>Gelochelidon nilotica</i>	M	LC		2	2
17	Laridae	Little Tern	<i>Sternula albigrons</i>	M	LC		4	42
18	Scolopacidae	Asian dowitcher	<i>Limnodromus semipalmatus</i>	M	NT	VU	2	5
19	Scolopacidae	Bar-tailed godwit	<i>Limosa lapponica</i>	M	NT		64	21
20	Scolopacidae	Black-tailed godwit	<i>Limosa limosa</i>	M	NT	VU	2	7
21	Scolopacidae	Broad-billed sandpiper	<i>Calidris falcinellus</i>	M	LC		4	7
22	Scolopacidae	Common greenshank	<i>Tringa nebularia</i>	M	LC		6	2
23	Scolopacidae	Common redshank	<i>Tringa totanus</i>	M	LC		2	10
24	Scolopacidae	Common Sandpiper	<i>Actitis hypoleucos</i>	M	LC		4	3
25	Scolopacidae	Curlew sandpiper	<i>Calidris ferruginea</i>	M	NT		5	6
26	Scolopacidae	Eurasian curlew	<i>Numenius arquata</i>	M	NT	OTS	21	4

Key:

Residence Status:

- A - Accidental
- NE - Near Endemic
- E - Endemic
- EX - Extirpated
- M - Migrant
- R - Resident
- I - Introduced
- SU - Status Unknown

Conservation Status:

- CR - Critically Endangered
- EN - Endangered
- VU - Vulnerable
- NT - Near Threatened
- DD - Data Deficient
- OWS - Other Wildlife Species
- OTS - Other Threatened Species

- NE - Not evaluated
- LC - Least Concern

Abbreviations:

- DENR - Department of Environment and Natu
- IUCN - International Union for Conservation of
- IOC - International Ornithologists' Union (from International Ornithological Committee)

27	<i>Scolopacidae</i>	Far eastern curlew	<i>Numenius madagascariensis</i>	M	EN	EN	2	1
28	<i>Scolopacidae</i>	Great knot	<i>Calidris tenuirostris</i>	M	EN	EN	8	20
29	<i>Scolopacidae</i>	Grey-tailed tattler	<i>Tringa brevipes</i>	M	NT			1
30	<i>Scolopacidae</i>	Red-necked stint	<i>Calidris ruficollis</i>	M	NT		1	20
31	<i>Scolopacidae</i>	Ruddy turnstone	<i>Arenaria interpres</i>	M	LC		18	5
32	<i>Scolopacidae</i>	Sanderling	<i>Calidris alba</i>	M	LC		8	11
33	<i>Scolopacidae</i>	Terek sandpiper	<i>Xenus cinereus</i>	M	LC		19	24
34	<i>Scolopacidae</i>	Whimbrel	<i>Numenius phaeopus</i>	M	LC		6	7
35	<i>Scolopacidae</i>	Rufous-necked Stint	<i>Calidris ruficollis</i>	M	LC		15	20
TOTAL							486	634

Summary:

Number of species 35
Number of introduced species 0
Number of endemic species 0
Number of migratory species 32

Conservation Status	IUCN	DENR
Number of threatened species		
Critically Endangered	0	0
Endangered	2	2
Vulnerable	1	4
Near Threatened / Other Threatened Species	7	1
Data Deficient	0	
Not Evaluated	0	

References:

- Brinkman, J.J. et al. (2021). Checklist of birds of the Philippines. Wild Bird Club of the Philippines. <<http://www.birdwatch.ph>>. Downloaded on 01 October 2021
- Department of Environment and Natural Resources (2019). DENR Administrative Order No. 2019-09: Updated National List of Threatened Philippine Fauna and Their Categories
- Gonzalez, J.C.T et al (2018). Review and update of the 2004 National List of Threatened Terrestrial Fauna of the Philippines. Sylvatrop, The Technical Journal of Philippine Ecosystems and Natural Resources 28 (1): 73-144
- IUCN 2021. The IUCN Red List of Threatened Species. Version 2021-1. <<https://www.iucnredlist.org>>. Accessed on 26 June 2021.
- Kennedy, R.S., Gonzales, P.C., Dickinson, E.C., Miranda, Jr., H.C. and Fisher, T.H. (2000). *A Guide to the Bird of the Philippines*. Oxford University Press.
- Lee, W., Choi, C., Kim, H. and Taniguchi, T. (2018). *Field Guide to the Waterbirds of ASEAN*. ASEAN-Korea Environmental Cooperation Unit (AKECU)

Asian Waterbird Census (Southeast Asia)

Please return to your National Co-ordinator or Wetland International, 3A39, Kelana Centre Point, No. 3, Jalan SS7/19, Kelana Jaya 47301, MALAYSIA (before March)

Country:

Philippines



Name of Site: Johnson Island, Roxas, Palawan

Date: Jan. 11, 2023

Province/State/Prefecture: Palawan

Nearest Large Town:

Site Code (only for official use):

Type: A - Aerial, F - On foot, B - By boat, M - Mixed
Coverage: V-25%, W-25-50%, X-50-75%, Y-75-99%, Z-100%

Has the site been counted before?

Yes ☒ No ☐

Waterfowl Counts

Little Grebe *Tachybaptus ruficollis*

CORMORANTS & DARTERS

Great Cormorant *Phalacrocorax carbo*

Indian Shag *P. fuscicollis*

Little Cormorant *P. niger*

Unidentified cormorants

Oriental Darter *Anhinga melanogaster*

HERONS & EGRETS

Great Bittern *Botaurus stellaris*

Yellow Bittern *Ixobrychus sinensis*

Schrenck's Bittern *I. eurhynchus*

Cinnamon Bittern *I. cinnamomeus*

Black Bittern *I. flavicollis*

Japanese Night Heron *Gorsachius gossagi*

Malayan Night Heron (Tiger Bittern) *G. melanolephus*

Black-crowned Night Heron *Nycticorax nycticorax*

Rufous Night Heron *N. caledonicus*

Indian Pond Heron *Ardeola grayii*

Chinese Pond Heron *A. bacchus*

Javan Pond Heron *A. speciosa*

Cattle Egret *Bubulcus ibis*

Striated (Little Green) Heron *Butorides striatus*

Eastern Reef Egret *Egretta sacra*

Chinese (Swinhoe's) Egret *E. eulophotes*

Little Egret *E. garzetta*

Intermediate Egret *E. intermedia*

Great Egret *E. alba*

Purple Heron *Ardea purpurea*

Grey Heron *A. cinerea*

Great-billed Heron *A. sumatrana*

Unidentified herons and egrets

STORKS

Milky Stork *Mycteria cinerea*

Painted Stork *M. leucocephala*

Asian Openbill *Anastomus oscitans*

Black Stork *Ciconia nigra*

Woolly-necked Stork *C. episcopus*

Storm's Stork *C. stormi*

Black-necked Stork *Ephippiorhynchus asiaticus*

Lesser Adjutant *Leptoptilos javanicus*

Greater Adjutant *L. dubius*

Unidentified storks

IBISES & SPOONBILLS

Black-headed (White) Ibis *Threskiornis melanocephalus*

White-shouldered Ibis *Pseudibis davisoni*

Giant Ibis *Thaumatibis gigantea*

Glossy Ibis *Plegadis falcinellus*

White Spoonbill *Platalea leucorodia*

Black-faced Spoonbill *P. minor*

Unidentified Spoonbills

GEESE & DUCKS

Spotted Whistling Duck *Dendrocygna guttata*

Fulvous (Large) Whistling Duck *D. bicolor*

Wandering Whistling Duck *D. arcuata*

Lesser Whistling Duck (Lesser Tree Duck) *D. javanica*

Greylag Goose *Anser anser*

Bar-headed Goose *A. indicus*

Ruddy Shelduck *Tadorna ferruginea*

Common Shelduck *T. tadorna*

White-winged Wood Duck *Cairina scutulata*

Comb Duck *Sarkidiornis melanotos*

Indian Cotton Teal *Nettion coromandelianus*

Eurasian Wigeon *Anas penelope*

Falcated Teal *A. falcata*

Gadwall *A. strepera*

Common (Green-winged) Teal *A. crecca*

Grey Teal *A. gibberifrons*

Mallard *A. platyrhynchos*

Spot-billed Duck *A. poecilorhynchus*

Philippine Duck *A. luzonica*

Northern Pintail *A. acuta*

Garganey *A. querquedula*

Northern Shoveler *A. clypeata*

Red-crested Pochard *Netta rufina*

Common Pochard *Aythya ferina*

Baer's Pochard *A. baeri*

Ferruginous Duck *A. nyroca*

Tufted Duck *A. fuligula*

Goosander *M. merganser*

Unidentified ducks

CRANES

Common Crane *Grus grus*

Sarus Crane *G. antigone*

RAILS, GALLINULES & COOTS

Water Rail *Rallus aquaticus*

Slaty-breasted Rail *R. striatus*

Banded Rail *R. philippensis*

Barred Rail *R. torquatus*

Red-legged Crake *Rallina fasciata*

Slaty-legged Crake *R. eurizonoides*

Baillon's Crake *Porzana pusilla*

Ruddy Crake *P. fusca*

Band-bellied Crake *P. paykullii*

Spotless Crake *P. tabuensis*

White-browed Crake *P. cinereus* (*Poliolimnas cinereus*)

Brown Crake *Amaurornis akool*

Bush-Hen *A. olivacea*

White-breasted Waterhen *A. phoenicurus*

Watercock *Gallinago cinerea*

Asian Waterbird Census (Southeast Asia)

Please return to your National Co-ordinator or Wetland International, 3A39, Kelana Centre Point, No. 3, Jalan SS7/19, Kelana Jaya 47301, MALAYSIA (before March)

Country:

Philippines



Name of Site: Johnson Island, Roxas, Palawan

Date: Jan. 12, 2023

Province/State/Prefecture: Palawan

Nearest Large Town: Taytay, Palawan

Site Code (only for official use):

Type: A - Aerial, F - On foot, B - By boat, M - Mixed

Coverage: V-25%, W-25-50%, X-50-75%, Y-75-99%, Z-100%

Has the site been counted before?

Yes ☒ No ☐

Waterfowl Counts

Little Grebe *Tachybaptus ruficollis*

CORMORANTS & DARTERS

Great Cormorant *Phalacrocorax carbo*

Indian Shag *P. fuscicollis*

Little Cormorant *P. niger*

Unidentified cormorants

Oriental Darter *Anhinga melanogaster*

HERONS & EGRETS

Great Bittern *Botaurus stellaris*

Yellow Bittern *Ixobrychus sinensis*

Schrenck's Bittern *I. eurhythmus*

Cinnamon Bittern *I. cinnamomeus*

Black Bittern *I. flavicollis*

Japanese Night Heron *Gorsachius goisagi*

Malayan Night Heron (Tiger Bittern) *G. melanolophus*

Black-crowned Night Heron *Nycticorax nycticorax*

Rufous Night Heron *N. caledonicus*

Indian Pond Heron *Ardeola grayii*

Chinese Pond Heron *A. bacchus*

Javan Pond Heron *A. speciosa*

Cattle Egret *Bubulcus ibis*

1 Striated (Little Green) Heron *Butorides striatus*

1 Eastern Reef Egret *Egretta sacra*

131 Chinese (Swinhoe's) Egret *E. eulophotes*

4 Little Egret *E. garzetta*

3 Intermediate Egret *E. intermedia*

40 Great Egret *E. alba*

Purple Heron *Ardea purpurea*

1 Grey Heron *A. cinerea*

Great-billed Heron *A. sumatrana*

Unidentified herons and egrets

STORKS

Milky Stork *Mycteria cinerea*

Painted Stork *M. leucocephala*

Asian Openbill *Anastomus oscitans*

Black Stork *Ciconia nigra*

Woolly-necked Stork *C. episcopus*

Storm's Stork *C. stormi*

Black-necked Stork *Ephippiorhynchus asiaticus*

Lesser Adjutant *Leptoptilos javanicus*

Greater Adjutant *L. dubius*

Unidentified storks

IBISES & SPOONBILLS

Black-headed (White) Ibis *Threskiornis melanocephalus*

White-shouldered Ibis *Pseudibis davisoni*

Giant Ibis *Thaumatibis gigantea*

Glossy Ibis *Plegadis falcinellus*

White Spoonbill *Platalea leucorodia*

Black-faced Spoonbill *P. minor*

Unidentified Spoonbills

GEESSE & DUCKS

Spotted Whistling Duck *Dendrocygna guttata*

Fulvous (Large) Whistling Duck *D. bicolor*

Wandering Whistling Duck *D. arcuata*

Lesser Whistling Duck (Lesser Tree Duck) *D. javanica*

Greylag Goose *Anser anser*

Bar-headed Goose *A. indicus*

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Philippine Duck *A. luzonica*

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Ruddy Crane *P. fusca*

Band-bellied Crane *P. paykullii*

Spotless Crane *P. tabuensis*

White-browed Crane *P. cinereus* (*Poliolimnas cinereus*)

Brown Crane *Amaurornis akool*

Bush-Hen *A. olivacea*

White-breasted Waterhen *A. phoenicurus*

Watercock *Gallinix cinerea*

PHOTO DOCUMENTATION/GEOTAGGED PHOTOS DURING THE COMMUNICATION, EDUCATION AND PUBLIC AWARENESS (CEPA) AND ANNUAL ASIAN WATERBIRDS CENSUS (AWC) FOR CY 2023 ON JANUARY 11-12, 2023 AT JOHNSON ISLAND IN BARANGAY VI, ROXAS, PALAWAN

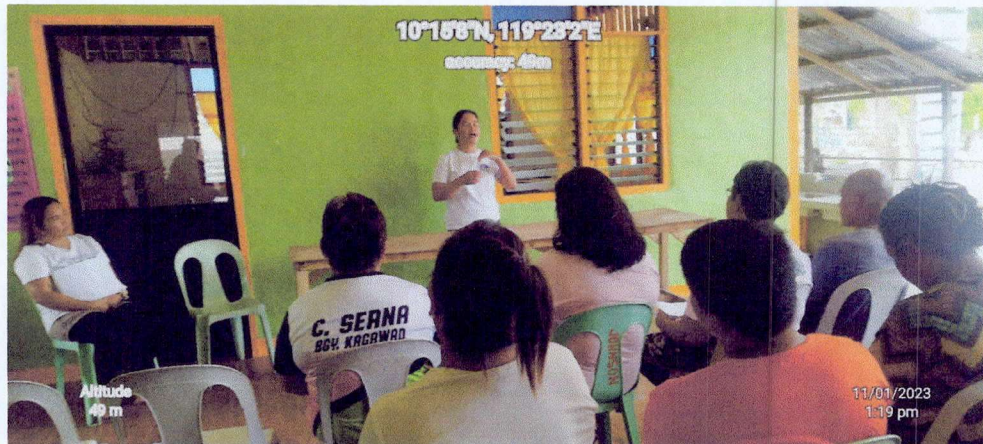


Figure 2: FT I Rina L. Jusos discussed the Asian Waterbirds Census (AWC), the waterbirds species, habitat, behavior & threats. The RA 9147 or Philippine Wildlife and Protection Act was discussed by ECOMS I Jo Annie D. Corvera.



Figure 3: The AWC Team- CENRO Roxas personnel and MENRO staff with the Barangay Officials of Barangay VI (Johnson Island), Roxas, Palawan during the CEPA

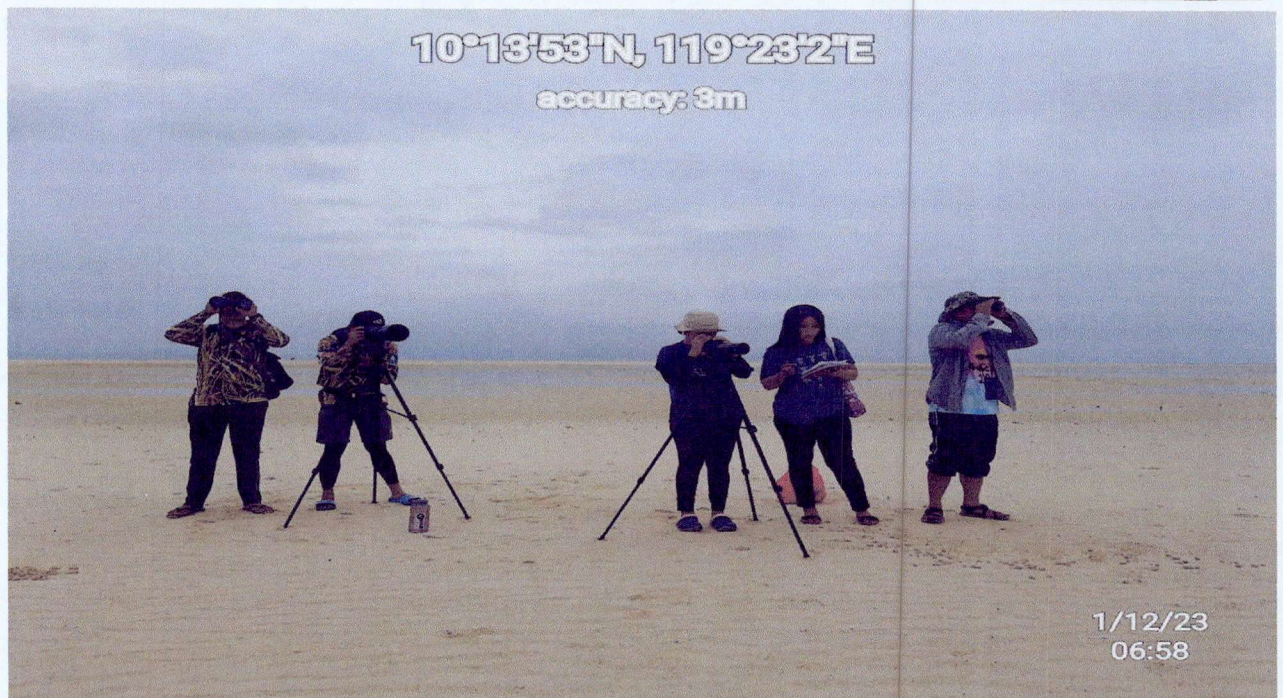


Figure 4: The team who conducts AWC: ECOMS I Joa Annie D. Corvera, FT II Karl Aries H. Sumandal, Kay Paalan from MENRO, ECOMS I Jane M. Juarez, FT I Chuckie Y. Aguilos, FT I Rinades L. Jusos & FR Ronnie Jann Ian Mabitasan

PHOTO OF WATERBIRDS RECORDED IN JOHNSON ISLAND, ROXAS, PALAWAN



English Name: **EURASIAN CURLEW**
Scientific Name: ***Numenius arquata***



English Name: **RUDDY TURNSTONE**
Scientific Name: ***Arenaria interpres***



English Name: **CHINESE EGRET**
Scientific Name: ***Egretta eulophotes***



English Name: **PACIFIC REEF HERON (Dark morph)**
Scientific Name: ***Egretta sacra***



English Name: **COMMON REDSHANK**
Scientific Name: ***Tringa totanus***



English Name: **COMMON GREENSHANK**
Scientific Name: ***Tringa nebularia***



English Name: **LESSER SAND PLOVER**
Scientific Name: ***Charadrius mongolus***



English Name: **GREATER SAND PLOVER**
Scientific Name: ***Charadrius leschenaultii***



English Name: **WHIMBREL**
Scientific Name: ***Numenius phaeopus***



English Name: **PACIFIC GOLDER PLOVER**
Scientific Name: *Pluvialis squatarola*



English Name: **RUFOUS-NECKED STINT**
Scientific Name: *Calidris ruficollis*



English Name: **GREY-TAILED TATTLER**
Scientific Name: *Tringa brevipes*



English Name: **GREAT KNOT**
Scientific Name: ***Calidris ruficollis***



English Name: **BROAD-BILLED SAND PIPER**
Scientific Name: ***Calidris falcinellus***



English Name: **ASIAN DOWITCHER**
Scientific Name: ***Limnodromus semipalmatus***



English Name: **BAR-TAILED GODWIT**
Scientific Name: *Limosa lapponica*



English Name: **FAR EASTERN CURLEW**
Scientific Name: *Numenius madagascariensis*



English Name: **CHINESE EGRET**
Scientific Name: *Egretta eulophotes*



English Name: **GREAT EGRET**
Scientific Name: ***Ardea alba***



English Name: **GULL-BILLED TERN**
Scientific Name: ***Gelochelidon nilotica***



English Name: **LITTLE TERN**
Scientific Name: ***Sternula albifrons***



A FLOCK OF BAR-TAILED GODWITS



A FLOCK OF PACIFIC REEF HERON, both white and dark morph



A FLOCK OF LITTLE TERNS



Republic of the Philippines
Department of Environment and Natural Resources

Region IV - MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

Barangay III (Poblacion), Roxas, Palawan
Contact No. 09171606578 / 09175028647
Email address: cenroxaspalawan@denr.gov.ph

COMMUNICATION, EDUCATION AND PUBLIC AWARENESS (CEPA) ON WATERBIRDS CENSUS, DUGONG & RA 9147 ON JANUARY 11, 2023

NO.	NAME	SEX	OCCUPATION	ADDRESS	SIGNATURE
1	GILBERT C. AREVALO	M	Psy. Engineer	JOHNSON ISLAND	u Arevalos
2	Elia B. Cardillo	F	Psy. Teacher	Psy. VI DOTTNER	Cardillo
3	Maicel I. Penaranda	F	BUSI	Psy. VI Johnson Is.	Penaranda
4	Coram E. Serna	F	Psy. caregiver	Johnson VI Is.	Serna
5	EDGAR G. MCGILLIC	M	TANICD		
6	Amabel V. Combata	F	Self-employed	"	Combata
7	MARTI C. COZORGO	M	SK CHAIRMAN	"	M COZORGO
8	Richel C. Abonales	F	Psy. caregiver	"	Abonales
9	Martins A. Balente	F	Psy. caregiver	"	Balente
10	JOSEMARIE B. FERN	M	SELF EMPLOYED	JOHNSON	FERN
11	Larry G. Cardillo	M	Freight Line	"	Cardillo
12	JOHNNY A. SEMILLAS	M	BOGT-KAGAYAN	"	SEMILLAS
13	KARL ARIES H. SERRANO	M	FT 11	new cenro Roxas	SERRANO
14	Chuckie Y. Aguibor	M	FT 11	new cenro Roxas	AGUIBOR
15	Jan Malhasan	M	FR	-do-	Malhasan
16	Kay Padlan	M	Govt. Employee	MENRO	Padlan
17	Jane M. Uarez	F	FCOMS I	CENRO - Roxas	UAREZ