



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

RED

February 21, 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 : **REPORT ON ASIAN WATERBIRDS CENSUS (AWC) CY 2023
OF CENRO PUERTO PRINCESA CITY**


Forwarded is the memorandum dated February 6, 2023 of OIC, CENRO Puerto Princesa regarding on the conduct of Asian Waterbird Census (AWC) for 2023 within Puerto Princesa City such as:

1. Iwahig Prison and Penal Farm (IPPF);
2. Pen 71 of Palawan Wildlife Rescue and Conservation Center (PWRCC);
3. Palawan Quicksilver Mines Inc. (PQMI) Pit lake;
4. BM beach;
5. Snake Island National Coastal and Marine Center for Research; and
6. Honda Bay

For information and record.


FELIZARDO B. CAYATOC



DENR-PALAWAN
PENRO-RECORDS
RELEASED
By: 
Date: 21 FEB 2023 CN 23-466



Republic of the Philippines
Department of Environment and Natural Resources
Region IV - MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
PUERTO PRINCESA
South National Highway, Sta. Monica, Puerto Princesa City, Palawan
E-mail: cenropuertoprincesa@denr.gov.ph

February 6, 2023

MEMORANDUM

FOR : Regional Executive Director
DENR Regional Office – MIMAROPA Region
1515 DENR By the Bay Building, Roxas Boulevard
Barangay 668, Ermita, Manila

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

FROM : The OIC - Community Environment and
Natural Resources Officer

SUBJECT : **REPORT ON ASIAN WATERBIRD CENSUS CY 2023**

**DENR PENRO
PALAWAN RECORDS
RECEIVED**

BY: [Signature]
DATE: 02-14-2023 CN 23-274

Forwarded is a memorandum from the Chief, Conservation and Development Section (CDS) of CENRO Puerto Princesa regarding the conduct of the Asian Waterbird Census (AWC) CY 2023 within Puerto Princesa City.

The AWC was undertaken within the rice field areas of Iwahig Prison and Penal Farm (IPPF) and Pen 71 of Palawan Wildlife Rescue and Conservation Center (PWRCC) on January 11, 2023; Palawan Quicksilver Mines, Inc. (PQMI) Pit Lake and BM Beach on January 12, 2023; and Snake Island National Coastal and Marine Center for Research, Honda Bay on January 24 and 25, 2023. The activities were conducted with the participation and support of City ENRO and PENRO Palawan's Conservation and Development Section.

Attached are completed AWC forms, maps, and photo documentation.

For information and record.

**DENR MIMAROPA REGION
CENRO PUERTO PRINCESA
RELEASED**
NO. 104
DATE: 2-13-23
BY: [Signature]

[Signature]
PEDRO A. VELASCO



Republic of the Philippines
Department of Environment and Natural Resources
Region IV - MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
PUERTO PRINCESA
South National Highway, Sta. Monica, Puerto Princesa City, Palawan
E-mail: cenropuertoprincesa@denr.gov.ph

February 3, 2023

MEMORANDUM

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

FROM : The Chief, Conservation and Development Section

SUBJECT : **REPORT ON ASIAN WATERBIRD CENSUS CY 2023**

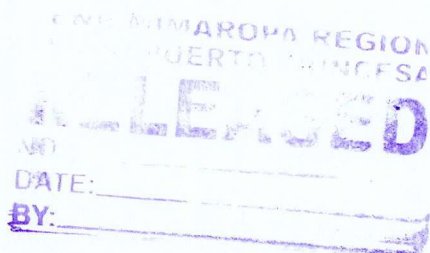
Submitted is the report on the Asian Waterbird Census (AWC) CY 2023 conducted within Puerto Princesa City.

The AWC was undertaken within the rice field areas of Iwahig Prison and Penal Farm (IPPF) and Pen 71 of Palawan Wildlife Rescue and Conservation Center (PWRCC) on January 11, 2023; Palawan Quicksilver Mines, Inc. (PQMI) Pit Lake and BM Beach on January 12, 2023; and Snake Island National Coastal and Marine Center for Research, Honda Bay on January 24 and 25, 2023. The activities were conducted with the participation and support of City ENRO and PENRO Palawan's Conservation and Development Section.

Attached are completed AWC forms, maps, and photo documentation.

For information and record.


MA. VIVIAN O. SORIANO





REPORT ON ASIAN WATERBIRD CENSUS CY 2023

INTRODUCTION

The Asian Waterbird Census (AWC) is an annual event conducted every January. It is the non-breeding period for most of the waterbird species. This year, the internationally implemented and coordinated Asian Waterbird Census (AWC) 2023 was scheduled for the period of January 7–22, 2023.

The extremely cold temperatures and the abundance of food are the main factors driving bird migration. From September to April, birds from colder locations migrate to temperate nations where food is plentiful to graze on small insects and invertebrates. As a stop on the East-Asian/Australian Flyway, the Philippines welcomes a variety of migrating bird species every year from nations like China, Japan, and others. In order to refuel and recover from their thousand-kilometer trek, waterbirds stop in the Philippines. The country has numerous Important Bird Areas (IBA), some of which, like the wetlands in Puerto Princesa City, serve as winter feeding grounds for migrating bird flocks.

The Asian Waterbird Census (AWC) has six major objectives, to wit:

1. Providing the basis for estimates of waterbird populations;
2. Monitoring changes in waterbird numbers and distribution by regular, standardised counts of representative wetlands;
3. Improving knowledge of little-known waterbird species and wetland sites;
4. Identifying and monitoring sites that are important for waterbird in general and, more specifically, identifying and monitoring sites that qualify as Wetlands of International Importance under the Ramsar Convention on Wetlands;
5. Providing information on the conservation status of waterbird species, for use by international agreements; and
6. Increasing awareness of the importance of waterbirds and their wetland habitats at local, national and international levels.

The personnel of CENRO Puerto Princesa City under the Conservation and Development Section (CDS) led the waterbird census together with the personnel from City Environment and Natural Resources (City ENRO) and PENRO Palawan (CDS). The same was undertaken at rice field areas of Iwahig Prison and Penal Farm (IPPF), Palawan Wildlife Rescue and Conservation Center (PWRCC), Palawan Quicksilver Mines, Inc. (PQMI)-Pit Lake in Bgy. Sta. Lourdes, PPC, and along BM Beach, Bgy. San Pedro, Puerto Princesa City.

The AWC was undertaken by this office together with City ENRO personnel along rice field areas of Iwahig Prison and Penal Farm (IPPF) and at Pen 71 of PWRCC on January

11, 2023; at the Palawan Quicksilver Mines, Inc. (PQMI) Pit Lake in Bgy. Sta. Lourdes, PPC; along BM Beach, Bgy. San Pedro, Puerto Princesa City on January 12, 2023; and at Snake Island, National Coastal and Marine Center for Research, Honda Bay on January 24-25, 2023.

During the census at IPPF, few species of waterbirds were observed because most of the rice fields are fully planted. While waterbirds observed at PWRCC include one (1) Rufous Night Heron and more or less one thousand (1,000) Egrets perched on the trees within pen 71 of PWRCC.

The team used binoculars, spotting scopes, and cameras with long lenses to count and document the waterbirds at a strategic distance from them so as not to disturb them while observing. The CENRO Puerto Princesa GIS Unit also assisted in the preparation of maps of the AWC 2023 sites based on the geo-tagged photos. The waterbird photos were taken by City ENRO and PENRO Palawan provided the logistics and food for the activities.

The tables below show a list of observed waterbirds and other birds along with their conservation status based on the IUCN Red List of Endangered Species version 2020-2, the Department of Environment and Natural Resources-Biodiversity Management Bureau (DENR-BMB), the Philippine Redlist of Threatened Wild Fauna Part 1: Vertebrates, and Palawan Council for Sustainable Development (PCSDS) Resolution No. 15-521. The tables also included distribution and the total number of individuals counted.

SUMMARY OF WATERBIRDS COUNT:

A. Rice Field Areas at Iwahig Prison and Penal Farm (IPPF), Puerto Princesa City - January 11, 2023

Weather condition: **Cloudy** Time started: **6:40 AM** Time ended: **8:46 AM**
Geographical Coordinates: **09° 44' 49"N, 118° 39'53"E; 09° 45' 26"N, 118° 39'31"E**

WATERBIRDS OBSERVED:

Common Name	Scientific Name	Conservation Status	Distribution	No. of Individual/s
Cattle Egret	<i>Bubulcus coromandus</i>	Least Concern (IUCN)	Resident, Migrant	92
Intermediate Egret	<i>Ardea intermedia</i>	Least Concern (IUCN)	Resident, Migrant	8
Common Greenshank	<i>Tringa nebularia</i>	Least Concern (IUCN)	Migrant	8
Black-winged Stint	<i>Himantopus himantopus</i>	Least Concern (IUCN)	Migrant	54
Little-ringed Plover	<i>Charadrius dubius</i>	Least Concern (IUCN)	Migrant	3
Wood Sandpiper	<i>Tringa glareola</i>	Least Concern (IUCN)	Migrant	30
Common Snipe	<i>Gallinago gallinago</i>	Least Concern (IUCN)	Migrant	1
Common Sandpiper	<i>Actitis hypoleus</i>	Least Concern (IUCN)	Migrant	1
Little Egret	<i>Egretta garzetta</i>	Least Concern (IUCN)	Migrant	1
Grey Heron	<i>Ardea cinerea</i>	Least Concern (IUCN)	Resident	3
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Least Concern (IUCN)	Resident	2
Eastern Great Egret	<i>Ardea modesta</i>	Least Concern (IUCN)	Migrant	9

OTHER BIRDS OBSERVED:

Common Name	Scientific Name	Conservation Status	Distribution	No. of Individual/s
Striated Grassbird	<i>Megalurus palustris</i>	Least Concern (IUCN)	Resident	1
White-breasted Wood Swallow	<i>Artamus leucorhynchus</i>	Least Concern (IUCN)	Resident	3
Pacific Barn Swallow	<i>Hirundo rustica</i>	Least Concern (IUCN)	Resident	20

AWC Team: Conservation and Development Section – CENRO Puerto Princesa
City Environment and Natural Resources (City ENRO)

1. Sr. EMS Ma. Vivian O. Soriano – CENRO PPC, CDS
2. Forester I Jessie M. Escandalio – CENRO PPC, CDS
3. PMF Rogelio G. Abison - CENRO PPC, CDS
4. EMS II Myla Adriano - City ENRO
5. Forest Ranger Mr. Alonzo Padon- City ENRO
6. Mine Surveyor Ms. Fe Bolen - City ENRO

Observations:

1. There are 12 species of waterbirds observed and 3 species of other birds.
2. As to population density, the most number of bird species recorded was the egret species with 92 individuals, while the least number recorded was the purple heron.
3. The black-winged stilt (*Himantopus himantopus*) (which is a common migrant species of the area) was finally observed or recorded during this year's assessment because it was not documented last year.

**B. Palawan Wildlife Rescue and Conservation Center (PWRCC), Puerto Princesa City
- January 11, 2023**

Weather condition: **Cloudy** Time started: **5:00 PM** Time ended: **6:46 PM**
Geographical Coordinates: **09° 47' 52"N, 118° 41'31"E**

WATERBIRDS OBSERVED:

Common Name	Scientific Name	Conservation Status	Distribution	No. of Individual/s
Cattle Egret	<i>Bubulcus coromandus</i>	Least Concern (IUCN)	Resident, Migrant	1,462
Little Egret	<i>Egretta garzetta</i>			
Great Egret	<i>Casmerodius albus modestus</i>			
Intermediate Egret	<i>Ardea intermedia</i>			

AWC Team: Conservation and Development Section – CENRO Puerto Princesa
City Environment and Natural Resources (City ENRO)
Palawan Wildlife Rescue and Conservation Center

1. Sr. EMS Ma. Vivian O. Soriano – CENRO PPC, CDS
2. Forester I Jessie M. Escandalio – CENRO PPC, CDS
3. PMF Rogelio G. Abison - CENRO PPC, CDS
4. EMS II Myla Adriano - City ENRO
5. Forest Ranger Alonzo Padon- City ENRO
6. Mines Surveyor Fe Bolen - City ENRO
7. Anna Robie P. Ayeras – PWRRC

Observation:

1. Based on record, the number of homing Egrets observed and counted in the area was lesser than of last year's assessment.

C. PQMI-Pit Lake, Bgy. Sta. Lourdes, Puerto Princesa City last January 12, 2022

Weather condition: **Cloudy** Time started: **7:00 AM** Time ended: **8:06 AM**

Geographical Coordinates: **09° 50' 1''N, 118° 43'26''E**

WATERBIRDS OBSERVED:

Common Name	Scientific Name	Conservation Status	Distribution	No. of Individual/s
Intermediate Egret	<i>Ardea intermedia</i>	Least Concern (IUCN)	Resident, Migrant	6
Common Moorhen	<i>Gallinula chloropus</i>	Least Concern (IUCN)	Resident, Migrant	7

OTHER BIRD OBSERVED:

Common Name	Scientific Name	Conservation Status	Distribution	No. of Individual/s
Pied thriller	<i>Lalage nigra</i>	Least Concern (IUCN)	Resident	2

AWC Team: Conservation and Development Section – CENRO Puerto Princesa
City Environment and Natural Resources (City ENRO)

1. Sr. EMS Ma. Vivian O. Soriano – CENRO PPC, CDS
2. Forester I Jessie M. Escandalio – CENRO PPC, CDS
3. PMF Rogelio G. Abison - CENRO PPC, CDS
4. EMS II Myla Adriano - City ENRO
5. Forest Ranger Mr. Alonzo Padon- City ENRO

D. BM Beach, Bgy. San Pedro, Puerto Princesa City last January 12, 2022

Weather condition: **Cloudy** Time started: **8:37 AM** Time ended: **8:48 AM**

Geographical Coordinates: **09° 45' 53''N, 118° 46'20''E**

WATERBIRD OBSERVED:

Common Name	Scientific Name	Conservation Status	Distribution	No. of Individual/s
Great Egret	<i>Casmerodius albus modestus</i>	Least Concern (IUCN)	Resident, Migrant	424

AWC Team: Conservation and Development Section – CENRO Puerto Princesa
City Environment and Natural Resources (City ENRO)

1. Sr. EMS Ma. Vivian O. Soriano – CENRO PPC, CDS
2. Forester I Jessie M. Escandalio – CENRO PPC, CDS
3. PMF Rogelio G. Abison - CENRO PPC, CDS
4. EMS II Myla Adriano - City ENRO
5. Forest Ranger Mr. Alonzo Padon- City ENRO

**E. Snake Island- National Coastal and Marine Center for Research, Honda Bay,
Puerto Princesa City – January 24-25, 2023**

January 24, 2023 (AM): Admin and Helipad

Weather condition: **Sunny** Time started: **9: 30 AM** Time ended: **11:02 NN**

Geographical Coordinates: **09' 53' 52''N, 118' 49'40''E**

January 24, 2023 (PM): Northern Part

Weather condition: **Sunny** Time started: **4:00 PM** Time ended: **6:02 PM**

Geographical Coordinates: **09' 54' 36''N, 118' 50'7''E**

January 25, 2023: Northern Part

Weather condition: **Sunny/windy** Time started: **6:37 AM** Time ended: **8:14 AM**

Geographical Coordinates: **09' 53' 47''N, 118' 49'36''E**

WATERBIRDS OBSERVED:

Common Name	Scientific Name	Conservation Status	Distribution	No. of Individual/s			Total
				Admin	Northern Part	Helipad	
Lesser Sand Plover	<i>Charandruis mongolus</i>	Least Concern (IUCN)	Migrant		4	8	12
Grey-tailed Tattler	<i>Tringa brevipes</i>	Near Threatened (IUCN)	Migrant		9	7	16
Whimbrel	<i>Numenius phaeopus</i>	Least Concern (IUCN)	Migrant	7	6	10	23
Greater Sand Plover	<i>Charandruis leschenaultia</i>	Least Concern (IUCN)	Migrant		8	3	11
Common Greenshank	<i>Tringa nebularia</i>	Least Concern (IUCN)	Migrant		1		1
Common Redshank	<i>Tringa tetanus</i>	Least Concern (IUCN)	Migrant		4	2	6
Malaysian Plover	<i>Charandrius peronii</i>	Near Threatened (IUCN) Vulnerable (DENR)	Resident/ Migrant		2 (M&F)		2
Great-billed Heron	<i>Ardea Sumatra</i>	Least Concern (IUCN)	Resident		3		3
Grey Plover	<i>Pluvialis squatarola</i>	Least Concern (IUCN)	Migrant		2	9	11
Striated Heron	<i>Butorides striata</i>	Least Concern (IUCN)	Resident Migrant		1	1	2
Ruddy Turnstone	<i>Arenaria interpres</i>	Least Concern (IUCN)	Migrant	1	7	10	18
Eurasian Curlew	<i>Numenius arquata</i>	Near Threatened (IUCN) OTS (DENR)	Migrant		3		3
Chinese Egret	<i>Egretta eulopotes</i>	Vulnerable(IUCN) Vulnerable (DENR)	Migrant	1	1		2
Intermediate Egret	<i>Ardea intermedia</i>	Least Concern (IUCN)			6	2	8

OTHER BIRDS OBSERVED:

Common Name	Scientific Name	Conservation Status	Distribution	No. of Individual/s			Total
				Admin	Northern Part	Helipad	
Olive-backed Sunbird	<i>Cinnyris jugularis</i>	Least Concern (IUCN)	Resident	2		2	4
Purple-throated Sunbird	<i>Leptocoma sperata</i>	Least Concern (IUCN)	Philippine Endemic	2			2
Collard Kingfisher	<i>Todtramphus chloris</i>	Least Concern (IUCN)	Resident	3	5	2	10
White-breasted Wood Swallow	<i>Artamus leucorhynchus</i>	Least Concern (IUCN)	Resident			5	5
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Least Concern (IUCN)				18	18
Common Kingfisher	<i>Alcedo attis</i>	Least Concern (IUCN)		1	3	1	5
Barn Swallow	<i>Hirundo rustica</i>			3			3
Philippine Pied Fantail	<i>Rhipidura nigritorquis</i>	Least Concern (IUCN)	Phil. Endemic	2			2
Pied triller	<i>Lalage nigra</i>	Least Concern (IUCN)	Resident		1		1

AWC Team: Conservation and Development Section – CENRO Puerto Princesa
City Environment and Natural Resources (City ENRO)

1. Sr. EMS Ma. Vivian O. Soriano – CENRO PPC, CDS
2. Forester I Jessie M. Escandalio – CENRO PPC, CDS
3. COI Francis Pascual - CENRO PPC, Admin
4. Forest Technician I Julius Landrito- CENRO PPC, RPS
5. EMS II Myla Adriano - City ENRO
6. Forest Ranger Alonzo Padon- City ENRO
7. Mines Surveyor Ms. Fe Bolen - City ENRO
8. Admin Aide III Ms Joy Viterbo - City ENRO
9. Research Assistant Ms. Christine Dagos- PENRO Palawan CDS
10. Data Manager Mr. Sanny A. Nedroda- PENRO Palawan CDS

Observations:

1. There are 23 species of avian fauna observed and recorded on the island, 14 of which are waterbirds and 9 are other birds.
2. As to the population density, the largest number recorded was the Ruddy Turnstone with 18 heads, while the least number recorded were the Chinese Egret, Great-billed Heron, Common Greenshank, and Eurasian Curlew.
3. Based on records, the number of waterbird species observed and recorded on the island is higher than last year's (2022) Asian Waterbird Census. Also, the number of birds per species observed during the assessment was lower than last year; this could be because of the tide. Mostly during low tide, birds flew to other nearby islands to forage.

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:
Snake Island - NCMCK

Date:
JANUARY 24-25, 2023

Province/State/Prefecture:
Nearest Large Town: Puerto Princesa City

Site Code (only for official use):

Type: A - Aerial, ☒ 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 stejaris*
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*
2 Striated (Little Green) Heron *Butorides striatus*
2 Eastern Reef Egret *Egretta sacra*
Chinese (Swinhoe's) Egret *E. eulophotes*
8 Little Egret *E. garzetta*
Intermediate Egret *E. intermedia*
Great Egret *E. alba*
Purple Heron *Ardea purpurea*
3 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

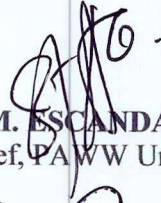
Spotted Whistling Duck *Dendrocygna guttata*
Fulvous (Large) Whistling Duck *D. bicolor*
Wandering Whistling Duck *D. arcuata*
Lesser Whistling Duck (Lesser Tree Duck) *D. javanica*
Greylag Goose *Anser anser*
Bar-headed Goose *A. indicus*
Ruddy Shelduck *Tadorna ferruginea*
Common Shelduck *T. tadorna*
White-winged Wood Duck *Cairina scutulata*
Comb Duck *Sarkidiornis melanotos*
Indian Cotton Teal *Nettapus 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. poecilorhyncha*
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 *Gallinix cinerea*

The nomenclature of the birds is based on Wild Bird Club of the Philippines (WBCP) Checklist of Bird of the Philippines 2014 edited by Desmond Allen, Robert Hutchinson, Arne Jensen, Christian Perez, Steve Pryor and Mark Villar. The land transportation and boat used for the census activities was provided by PENRO Palawan going to the areas.


Attached are the following documents:

1. Accomplished AWC Forms;
2. Maps; and
3. Photo documentation

Prepared by:

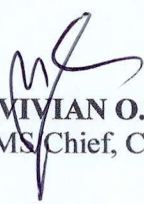


JESSIE M. ESCANDALIO
For. I/Chief, PAWW Unit



ROGELIO G. ABISON
Park Maintenance Foreman

Noted by:



MA. VIVIAN O. SORIANO
Sr. EMS Chief, CDS

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: JUALIL PRISON AND PENAL FARM (IPPF)

Date: JANUARY 11, 2023

Province/State/Prefecture: PUEBLO PRINCEZA CITY

Site Code (only for official use):

Type: A - Aerial, ☒ 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*
- 92 Cattle Egret *Bubulcus ibis*
- Striated (Little Green) Heron *Butorides striatus*
- Eastern Reef Egret *Egretta sacra*
- 1 Chinese (Swinhoe's) Egret *E. eulophotes*
- 8 Little Egret *E. garzetta*
- Intermediate Egret *E. intermedia*
- Great Egret *E. alba*
- 3 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 *Nettapus 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. 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 *Amalromis akool*
- Bush-Hen *A. olivacea*
- 2 White-breasted Waterhen *A. phoenicurus*
- Watercock *Gallicrex cinerea*

<p>_____ Moorhen <i>Gallinula chloropus</i></p> <p>_____ Purple Swampphen <i>Porphyrio porphyrio</i></p> <p>_____ Common Coot <i>Fulica atra</i></p> <p>_____ FINFOOT & JACANAS</p> <p>_____ Masked Finfoot <i>Heliopais personata</i></p> <p>_____ Comb-crested Jacana <i>Irediparra gallinacea</i></p> <p>_____ Pheasant-tailed Jacana <i>Hydrophasianus chirurgus</i></p> <p>_____ Bronze-winged Jacana <i>Metopidius indicus</i></p> <p>_____ SHOREBIRDS- WADERS</p> <p>_____ Painted Snipe <i>Rostratula benghalensis</i></p> <p>_____ Crab Plover <i>Dromas ardeola</i></p> <p>54 _____ Black-winged Stilt <i>Himantopus himantopus</i></p> <p>_____ Australian (White-headed) Stilt <i>H. leucocephalus</i></p> <p>_____ Avocet <i>Recurvirostra avosetta</i></p> <p>_____ Great Thick-knee <i>Esacus recurvirostris</i></p> <p>_____ Beach Thick-knee <i>E. magnirostris</i></p> <p>_____ Oriental Pratincole <i>Glareola maldivarum</i></p> <p>_____ Little Pratincole <i>G. lactea</i></p> <p>_____ Northern Lapwing <i>Vanellus vanellus</i></p> <p>_____ River Lapwing <i>V. duvaucelii</i></p> <p>_____ Grey-headed Lapwing <i>V. cinereus</i></p> <p>_____ Red-wattled Lapwing <i>V. indicus</i></p> <p>_____ Pacific Golden Plover <i>Pluvialis fulva</i></p> <p>_____ Grey Plover <i>P. squatarola</i></p> <p>3 _____ Long-billed Plover <i>Charadrius placidus</i></p> <p>_____ Little Ringed Plover <i>C. dubius</i></p> <p>_____ Kentish Plover <i>C. alexandrinus</i></p> <p>_____ Malaysian Plover <i>C. peronii</i></p> <p>_____ Mongolian Plover <i>C. mongolus</i></p> <p>_____ Greater Sand Plover <i>C. leschenaultii</i></p> <p>_____ Oriental Plover <i>C. veredus</i></p> <p>_____ Black-tailed Godwit <i>Limosa limosa</i></p> <p>_____ Bar-tailed Godwit <i>L. lapponica</i></p> <p>_____ Little Curlew <i>Numenius minutus</i></p> <p>_____ Whimbrel <i>N. phaeopus</i></p> <p>_____ Eurasian Curlew <i>N. arquata</i></p> <p>_____ Far Eastern Curlew <i>N. madagascariensis</i></p> <p>_____ Spotted Redshank <i>Tringa erythropus</i></p> <p>_____ Redshank <i>T. totanus</i></p> <p>8 _____ Marsh Sandpiper <i>T. stagnatilis</i></p> <p>_____ Greenshank <i>T. nebularia</i></p> <p>_____ Nordmann's Greenshank <i>T. guttifer</i></p> <p>30 _____ Green Sandpiper <i>T. ochropus</i></p> <p>_____ Wood Sandpiper <i>T. glareola</i></p> <p>_____ Terek Sandpiper <i>Xenus cinereus</i></p> <p>1 _____ Common Sandpiper <i>Actitis hypoleucos</i></p>	<p>_____ Grey-tailed (Grey-rumped) Tattler <i>Heteroscelus brevipes</i></p> <p>_____ Ruddy Turnstone <i>Arenaria interpres</i></p> <p>_____ Red-necked Phalarope <i>Phalaropus lobatus</i></p> <p>_____ Eurasian Woodcock <i>Scolopax rusticola</i></p> <p>_____ Pintail Snipe <i>Gallinago stenura</i></p> <p>_____ Swinhoe's Snipe <i>G. megala</i></p> <p>1 _____ Common Snipe <i>G. gallinago</i></p> <p>_____ Asiatic Dowitcher <i>Limnodromus semipalmatus</i></p> <p>_____ Red Knot <i>Calidris canutus</i></p> <p>_____ Great Knot <i>C. tenuirostris</i></p> <p>_____ Sanderling <i>C. alba</i></p> <p>_____ Red-necked (Rufous-necked) Stint <i>C. ruficollis</i></p> <p>_____ Temminck's Stint <i>C. temminckii</i></p> <p>_____ Long-toed Stint <i>C. subminuta</i></p> <p>_____ Sharp-tailed Sandpiper <i>C. acuminata</i></p> <p>_____ Dunlin <i>C. alpina</i></p> <p>_____ Curlew Sandpiper <i>C. ferruginea</i></p> <p>_____ Spoon-billed Sandpiper <i>Eurynorhynchus pygmeus</i></p> <p>_____ Broad-billed Sandpiper <i>Limicola falcinellus</i></p> <p>_____ Unidentified shorebirds</p> <p>_____ GULLS, TERNS & SKIMMERS</p> <p>_____ Herring Gull <i>Larus argentatus</i></p> <p>_____ Brown-headed Gull <i>L. brunnicephalus</i></p> <p>_____ Black-headed Gull <i>L. ridibundus</i></p> <p>_____ Saunders' Gull <i>L. saundersi</i></p> <p>_____ Unidentified gulls</p> <p>_____ Whiskered Tern <i>Chlidonias hybridus</i></p> <p>_____ White-winged Black Tern <i>C. leucopterus</i></p> <p>_____ Gull-billed Tern <i>Gelochelidon nilotica</i></p> <p>_____ Caspian Tern <i>Hydroprogne caspia</i></p> <p>_____ Indian River Tern <i>Sterna aurantia</i></p> <p>_____ Common Tern <i>S. hirundo</i></p> <p>_____ Black-naped Tern <i>S. sumatrana</i></p> <p>_____ Black-bellied Tern <i>S. melanogaster</i></p> <p>_____ Little Tern <i>S. albiglans</i></p> <p>_____ Great Crested Tern <i>S. bergii</i></p> <p>_____ Lesser Crested Tern <i>S. bengalensis</i></p> <p>_____ Unidentified terns</p> <p>_____ Indian Skimmer <i>Rynchops albigollis</i></p>
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ADDITIONAL SPECIES

EASTERN GREAT EGRET - 9

USEFUL SITE INFORMATION: (please circle the relevant figures)

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

PROTECTION

THE SITE IS A BUCAR RESERVATION AREAS HAVING A RICEFIELDS RESULTED TO FEW BIRDS OBSERVED.

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, C pesticides, D 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 : **6:40** am/pm FINISH : **8:46** am/pm

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

GENA PURITO PRINCEA: MA-VIVIAN O. SORIANO, JESSIE M. ESCANDALIO, ROCELIO G. ARISON
LITY PRINCEA: MYLA ADRIANO, ALONZO PADON, PE BOLEN



Republic of the Philippines
Department of Environment and Natural Resources
Region IV-B MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Puerto Princesa City, Palawan

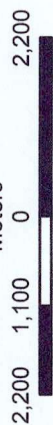


LOCATION

MAP SHOWING THE ASIAN WATERBIRD CENSUS 2023 SITES AT IWAHIG PRISON AND PENAL FARM, PUERTO PRINCESA CITY, PALAWAN

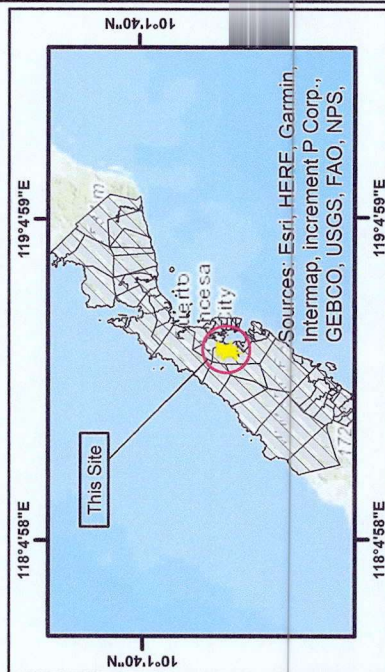
Scale: 1:90,359.8

Meters



Legend

Location of Asian Waterbird Census Site



Digitized by:

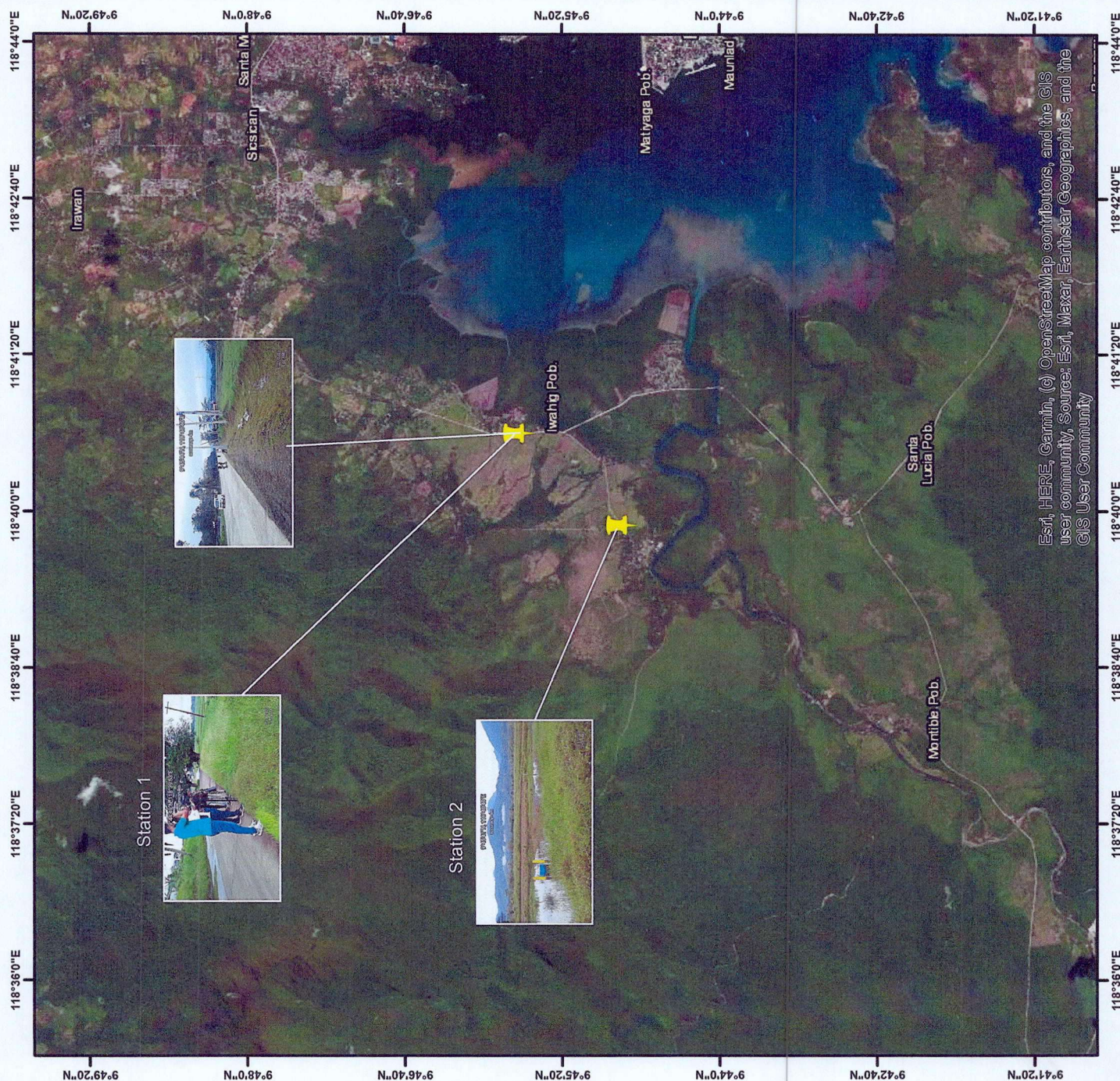
ENGR. MILYSA M. PALAPA
Cartographer I

Attested by:

JASON D. MONTIMOR
F II GIS, LC Unit Head

Noted by:

PEDRO A. VELASCO
OIC-CENRO



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:



Name of Site: PALM SHA WILDLIFE RESERVE AND CONSERVATION CENTER (PWRCC)

Date: JANUARY 11, 2023

Province/State/Prefecture: PERAK
Nearest Large Town: PERAK PRINCEPA CITY

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*

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 *Nettapus 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. poecilorhyncha*

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 *Ammaurornis akool*

Bush-Hen *A. olivacea*

White-breasted Waterhen *A. phoenicurus*

Watercock *Gallinix cinerea*

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Cattle Egret
Bubulcus ibis

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

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

PROTECTION

THE AREA IS THE ROOSTING SITE OF SOME BIRDS AND A CONSERVATION CENTER FOR RESCUED WILDLIFE.

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, C pesticides, D 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 : 5:10 am/pm FINISH : 6:46 am/pm

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

CENIA PUERTO RICO: MA. VIVIAN O. SORIANO, JESSIE M. ESCOBAR ALONSO, ROBERTO G. ABISCA
 CITY PUERTO: MILA ADRIANO, ALONZO PADON, PE BOLA,
 PARRA: ANNA ROBBIE P. ARIAS



Republic of the Philippines
Department of Environment and Natural Resources
Region IV-B MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Puerto Princesa City, Palawan



LOCATION

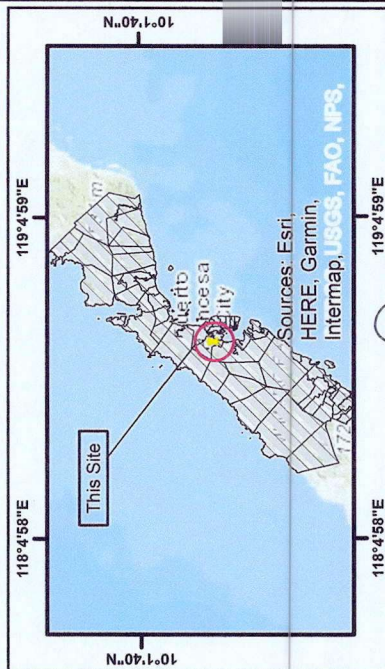
**MAP SHOWING THE ASIAN WATERBIRD CENSUS 2023
SITE AT PALAWAN WILDLIFE RESCUE AND CONSERVATION
CENTER (PWRCC) BRGY. IRAWAN, PUERTO PRINCESA
CITY, PALAWAN**

Scale: 1:40,000

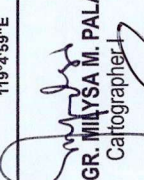


Legend


 Location of Asian Waterbird Census Site



Digitized by:

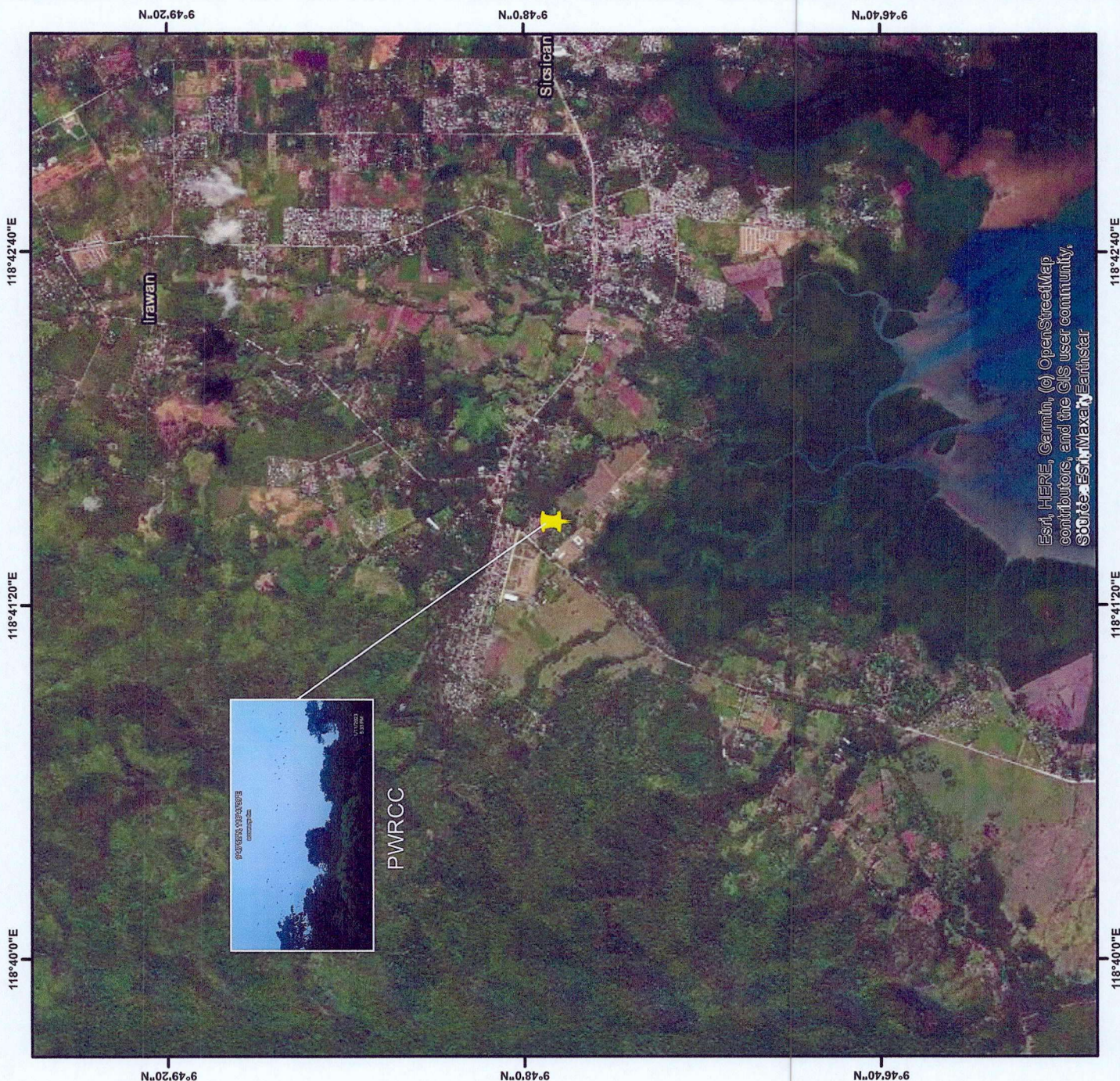

ENGR. MILYSA M. PALAPA
Cartographer

Attested by:


JASON D. MONTIMOR
F II GIS, LC Unit Head

Noted by:


PEDRO A. VELASCO
OIC-CENRO



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: PAMI - PIT LAKE, BGT. S. MA. KOUKIES, DPC

Date: January 12, 2023

Province/State/Prefecture: YUPLA PRINCEJA CITY
Nearest Large Town:

Site Code (only for official use):

Type: A - Aerial, ☒ - 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 gossagii*
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

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*
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*
Falcated Teal *A. falcata*
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 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 *Amauromis akool*
Bush-Hen *A. olivacea*
White-breasted Waterhen *A. phoenicurus*
Watercock *Gallicrex cinerea*

<p><u>7</u> Moorhen <i>Gallinula chloropus</i></p> <p>Purple Swampphen <i>Porphyrio porphyrio</i></p> <p>Common Coot <i>Fulica atra</i></p> <p>FINFOOT & JACANAS</p> <p>Masked Finfoot <i>Heliopais personata</i></p> <p>Comb-crested Jacana <i>Irediparra gallinacea</i></p> <p>Pheasant-tailed Jacana <i>Hydrophasianus chirurgus</i></p> <p>Bronze-winged Jacana <i>Metopidius indicus</i></p> <p>SHOREBIRDS- WADERS</p> <p>Painted Snipe <i>Rostratula benghalensis</i></p> <p>Crab Plover <i>Dromas ardeola</i></p> <p>Black-winged Stilt <i>Himantopus himantopus</i></p> <p>Australian (White-headed) Stilt <i>H. leucocephalus</i></p> <p>Avocet <i>Recurvirostra avosetta</i></p> <p>Great Thick-knee <i>Esacus recurvirostris</i></p> <p>Beach Thick-knee <i>E. magnirostris</i></p> <p>Oriental Pratincole <i>Glareola maldivarum</i></p> <p>Little Pratincole <i>G. lactea</i></p> <p>Northern Lapwing <i>Vanellus vanellus</i></p> <p>River Lapwing <i>V. duvaucellii</i></p> <p>Grey-headed Lapwing <i>V. cinereus</i></p> <p>Red-wattled Lapwing <i>V. indicus</i></p> <p>Pacific Golden Plover <i>Pluvialis fulva</i></p> <p>Grey Plover <i>P. squatarola</i></p> <p>Long-billed Plover <i>Charadrius placidus</i></p> <p>Little Ringed Plover <i>C. dubius</i></p> <p>Kentish Plover <i>C. alexandrinus</i></p> <p>Malaysian Plover <i>C. peronii</i></p> <p>Mongolian Plover <i>C. mongolus</i></p> <p>Greater Sand Plover <i>C. leschenaultii</i></p> <p>Oriental Plover <i>C. veredus</i></p> <p>Black-tailed Godwit <i>Limosa limosa</i></p> <p>Bar-tailed Godwit <i>L. lapponica</i></p> <p>Little Curlew <i>Numenius minutus</i></p> <p>Whimbrel <i>N. phaeopus</i></p> <p>Eurasian Curlew <i>N. arquata</i></p> <p>Far Eastern Curlew <i>N. madagascariensis</i></p> <p>Spotted Redshank <i>Tringa erythropus</i></p> <p>Redshank <i>T. totanus</i></p> <p>Marsh Sandpiper <i>T. stagnatilis</i></p> <p>Greenshank <i>T. nebularia</i></p> <p>Nordmann's Greenshank <i>T. guttifer</i></p> <p>Green Sandpiper <i>T. ochropus</i></p> <p>Wood Sandpiper <i>T. glareola</i></p> <p>Terek Sandpiper <i>Xenus cinereus</i></p> <p>Common Sandpiper <i>Actitis hypoleucos</i></p>	<p>Grey-tailed (Grey-rumped) Tattler <i>Heteroscelus brevipes</i></p> <p>Ruddy Turnstone <i>Arenaria interpres</i></p> <p>Red-necked Phalarope <i>Phalaropus lobatus</i></p> <p>Eurasian Woodcock <i>Scolopax rusticola</i></p> <p>Pintail Snipe <i>Gallinago stenura</i></p> <p>Swinhoe's Snipe <i>G. megala</i></p> <p>Common Snipe <i>G. gallinago</i></p> <p>Asiatic Dowitcher <i>Limnodromus semipalmatus</i></p> <p>Red Knot <i>Calidris canutus</i></p> <p>Great Knot <i>C. tenuirostris</i></p> <p>Sanderling <i>C. alba</i></p> <p>Red-necked (Rufous-necked) Stint <i>C. ruficollis</i></p> <p>Temminck's Stint <i>C. temminckii</i></p> <p>Long-toed Stint <i>C. subminuta</i></p> <p>Sharp-tailed Sandpiper <i>C. acuminata</i></p> <p>Dunlin <i>C. alpina</i></p> <p>Curlew Sandpiper <i>C. ferruginea</i></p> <p>Spoon-billed Sandpiper <i>Eurymorhynchus pygmeus</i></p> <p>Broad-billed Sandpiper <i>Limicola falcinellus</i></p> <p>Unidentified shorebirds</p> <p>GULLS, TERNS & SKIMMERS</p> <p>Herring Gull <i>Larus argentatus</i></p> <p>Brown-headed Gull <i>L. brunnecephalus</i></p> <p>Black-headed Gull <i>L. ridibundus</i></p> <p>Saunders' Gull <i>L. saundersi</i></p> <p>Unidentified gulls</p> <p>Whiskered Tern <i>Chlidonias hybridus</i></p> <p>White-winged Black Tern <i>C. leucopterus</i></p> <p>Gull-billed Tern <i>Gelochelidon nilotica</i></p> <p>Caspian Tern <i>Hydroprogne caspia</i></p> <p>Indian River Tern <i>Sterna aurantia</i></p> <p>Common Tern <i>S. hirundo</i></p> <p>Black-naped Tern <i>S. sumatrana</i></p> <p>Black-bellied Tern <i>S. melanogaster</i></p> <p>Little Tern <i>S. albitrons</i></p> <p>Great Crested Tern <i>S. bergii</i></p> <p>Lesser Crested Tern <i>S. bengalensis</i></p> <p>Unidentified terns</p> <p>Indian Skimmer <i>Rynchops albigollis</i></p> <p>ADDITIONAL SPECIES</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
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USEFUL SITE INFORMATION: (please circle the relevant figures)

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

PROTECTION PHARMAN QUICKSILVER MINES, INC. (PQM) - PIT LAKE REHABILITATION SITE

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, C pesticides, D 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 : 7:00 am/pm FINISH : 8:00 am/pm

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

GRUPPO PIERO PRINCE: MA. VIVIAN C. SORIANO, JESSIE M. ESCANDALLO,
ROBERTO G. ARBON
CITY ENZO: MYLA SORIANO AND ALONZO PADON



Republic of the Philippines
Department of Environment and Natural Resources
Region IV-B MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Puerto Princesa City, Palawan



LOCATION

**MAP SHOWING THE ASIAN WATERBIRD CENSUS 2023
SITE AT PALAWAN QUICKSILVER MINE INC. (PQMI)
PIT LAKE AT BRGY. SANTA LOURDES, PUERTO
PRINCESA CITY, PALAWAN**

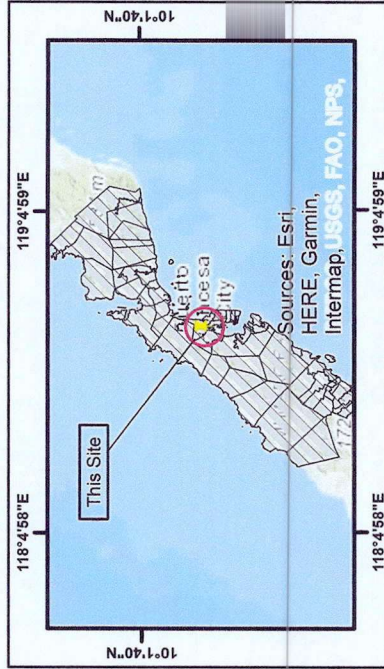
Scale: 1:63,360

Meters



Legend

 Location of Asian Waterbird Census Site



Digitized by:

ENGR. MARYA M. PALAPA
Cartographer I

Attested by:

JASON D. MONTIMOR
F II GIS, LC-Unit Head

Noted by:

PEDRO A. VELASCO
OIC-CENRO



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:

BM Beach, 364 San Pedro Pk.

Date:

January 13, 2013

Province/State/Prefecture:

Nearest Large Town:

Marikina City

Site Code (only for official use):

Type: A - Aerial, ☒ - 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*

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Black Bittern *I. flavicollis*

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Rufous Night Heron *N. caledonicus*

Indian Pond Heron *Ardeola grayii*

Chinese Pond Heron *A. bacchus*

Javan Pond Heron *A. speciosa*

Cattle Egret *Bubulcus ibis*

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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

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Common Shelduck *T. tadorna*

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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 *Amaurornis akool*

Bush-Hen *A. olivacea*

White-breasted Waterhen *A. phoenicurus*

Watercock *Gallix cinerea*

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

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

PROTECTION THE SITE IS A BEACH AREAS.

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, C pesticides, D 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 : 8:37 am/pm FINISH : 9:48 am/pm

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

CENTRUM PUKATU PRINCE : MA. UNWIN O-SORIANO, JESSE M. FERNANDO, ROGELIO G. ARISON

UN FUPW: MYLA ARONNO & ALONZO PADON



Republic of the Philippines
Department of Environment and Natural Resources
Region IV-B MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Puerto Princesa City, Palawan



LOCATION

MAP SHOWING THE ASIAN WATERBIRD CENSUS 2023 SITE AT BM BEACH, BRGY. SAN PEDRO PUERTO PRINCESA CITY, PALAWAN

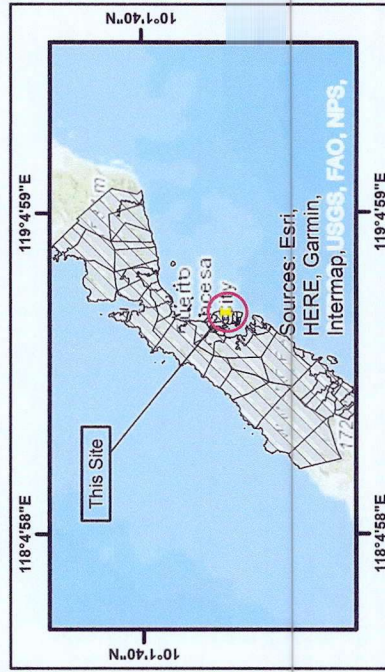
Scale: 1:63,360

Meters



Legend

 Location of Asian Waterbird Census Site



Digitized by:

ENGR. MILYSA M. PALAPA
Cartographer I

Attested by:

JASON D. MONTIMOR
F II GIS, LC Unit Head

Noted by:

PEDRO A. VELASCO
OIC-CENRO



_____ Moorhen *Gallinula chloropus*
 _____ Purple Swampphen *Porphyrio porphyrio*
 _____ Common Coot *Fulica atra*
 _____ FINFOOT & JACANAS
 _____ Masked Finfoot *Heliopais personata*
 _____ Comb-crested Jacana *Irediparra gallinacea*
 _____ Pheasant-tailed Jacana *Hydrophasianus chirurgus*
 _____ Bronze-winged Jacana *Metopidius indicus*
 _____ SHOREBIRDS- WADERS
 _____ Painted Snipe *Rostratula benghalensis*
 _____ Crab Plover *Dromas ardeola*
 _____ Black-winged Stilt *Himantopus himantopus*
 _____ Australian (White-headed) Stilt *H. leucocephalus*
 _____ Avocet *Recurvirostra avosetta*
 _____ Great Thick-knee *Esacus recurvirostris*
 _____ Beach Thick-knee *E. magnirostris*
 _____ Oriental Pratincole *Glareola maldivarum*
 _____ Little Pratincole *G. lactea*
 _____ Northern Lapwing *Vanellus vanellus*
 _____ River Lapwing *V. duvaucelii*
 _____ Grey-headed Lapwing *V. cinereus*
 _____ Red-wattled Lapwing *V. indicus*
 _____ Pacific Golden Plover *Pluvialis fulva*
 11 _____ Grey Plover *P. squatarola*
 _____ Long-billed Plover *Charadrius placidus*
 _____ Little Ringed Plover *C. dubius*
 12 _____ Kentish Plover *C. alexandrinus*
 _____ Mongolian Plover *C. mongolus*
 11 _____ Greater Sand Plover *C. leschenaultii*
 _____ Oriental Plover *C. veredus*
 _____ Black-tailed Godwit *Limosa limosa*
 _____ Bar-tailed Godwit *L. lapponica*
 _____ Little Curlew *Numenius minutus*
 13 _____ Whimbrel *N. phaeopus*
 3 _____ Eurasian Curlew *N. arquata*
 _____ Far Eastern Curlew *N. madagascariensis*
 _____ Spotted Redshank *Tringa erythropus*
 6 _____ Redshank *T. totanus*
 _____ Marsh Sandpiper *T. stagnatilis*
 1 _____ Greenshank *T. nebularia*
 _____ Nordmann's Greenshank *T. guttifer*
 _____ Green Sandpiper *T. ochropus*
 _____ Wood Sandpiper *T. glareola*
 _____ Terek Sandpiper *Xenus cinereus*
 _____ Common Sandpiper *Actitis hypoleucos*

16 _____ Grey-tailed (Grey-rumped) Tattler *Heteroscelus brevipes*
 18 _____ Ruddy Turnstone *Arenaria interpres*
 _____ Red-necked Phalarope *Phalaropus lobatus*
 _____ Eurasian Woodcock *Scolopax rusticola*
 _____ Pintail Snipe *Gallinago stenura*
 _____ Swinhoe's Snipe *G. megala*
 _____ Common Snipe *G. gallinago*
 _____ Asiatic Dowitcher *Limnodromus semipalmatus*
 _____ Red Knot *Calidris canutus*
 _____ Great Knot *C. tenuirostris*
 _____ Sanderling *C. alba*
 _____ Red-necked (Rufous-necked) Stint *C. ruficollis*
 _____ Temminck's Stint *C. temminckii*
 _____ Long-toed Stint *C. subminuta*
 _____ Sharp-tailed Sandpiper *C. acuminata*
 _____ Dunlin *C. alpina*
 _____ Curlew Sandpiper *C. ferruginea*
 _____ Spoon-billed Sandpiper *Eurynorhynchus pygmeus*
 _____ Broad-billed Sandpiper *Limicola falcinellus*
 _____ Unidentified shorebirds
 _____ GULLS, TERNS & SKIMMERS
 _____ Herring Gull *Larus argentatus*
 _____ Brown-headed Gull *L. brunnecephalus*
 _____ Black-headed Gull *L. ridibundus*
 _____ Saunders' Gull *L. saundersi*
 _____ Unidentified gulls
 _____ Whiskered Tern *Chlidonias hybridus*
 _____ White-winged Black Tern *C. leucopterus*
 _____ Gull-billed Tern *Gelochelidon nilotica*
 _____ Caspian Tern *Hydroprogne caspia*
 _____ Indian River Tern *Sterna aurantia*
 _____ Common Tern *S. hirundo*
 _____ Black-naped Tern *S. sumatrana*
 _____ Black-bellied Tern *S. melanogaster*
 _____ Little Tern *S. albigrons*
 _____ Great Crested Tern *S. bergii*
 _____ Lesser Crested Tern *S. bengalensis*
 _____ Unidentified terns
 _____ Indian Skimmer *Rynchops albigollis*

ADDITIONAL SPECIES

LESSER SAND PLOVER - 12

USEFUL SITE INFORMATION: (please circle the relevant figures)

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

PROTECTION

THE ISLAND DESIGNATED AS NATIONAL COASTAL AND MARINE CENTER FOR RESEARCH UNDER THE MANAGEMENT OF DENR BATAVIA

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, C pesticides, D 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 : 9:30 am/pm FINISH : 11:02 am/pm

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

UENSO PUERTO PRINCESA: MA. VIAN O. SORIANO, JESSIE M. ESCOBALDO, FRANCIS PATRICIA
 JULINE LANDRITO
 CITY ENZO: MYLA AMILANO, PE BOLEN, JOY VITERBO, ALONZO PADON
 DENR BATAVIA: CHRISTINE DAGO and JANNY A. NEORISA



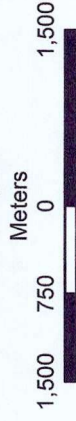
Republic of the Philippines
Department of Environment and Natural Resources
Region IV-B MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Puerto Princesa City, Palawan




LOCATION

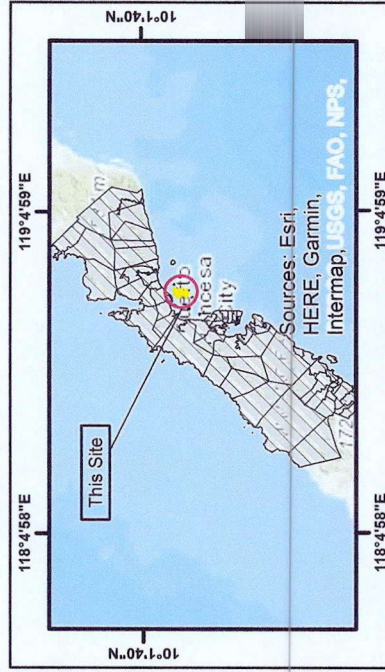
MAP SHOWING THE ASIAN WATERBIRD CENSUS 2023 SITES AT SNAKE ISLAND NATIONAL COASTAL AND MARINE CENTER FOR RESEARCH AT HONDA BAY PUERTO PRINCESA CITY, PALAWAN

Scale: 1:62,500



Legend

 Location of Asian Waterbird Census Site



Digitized by:

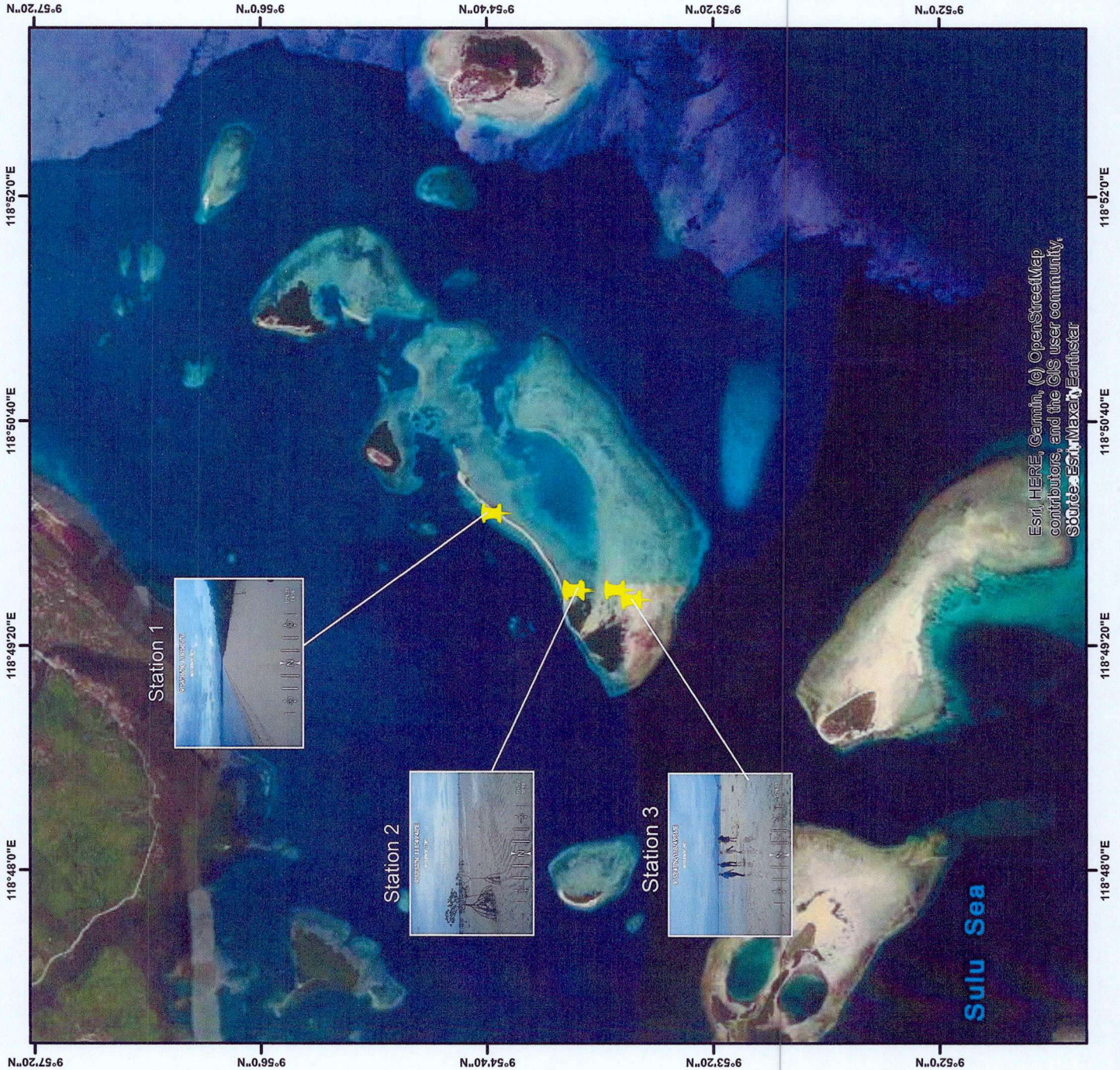
ENGR. MARYSA M. PALAPA
Cartographer I

Attested by:

JASON D. MONTIMOR
FII/GIS, LC Unit Head

Noted by:

PEDRO A. VELASCO
OIC-CENRO



PHOTOS OF SOME OF WATERBIRDS OBSERVED AT SNAKE ISLAND
NATIONAL COASTAL AND MARINE CENTER FOR RESEARCH



Common Redshank
Tringa tetanus



Common GreenShank
Tringa tetanus



Ruddy Turnstone
Arenaria interpres

**PHOTOS OF EGRETS OBSERVED AT PALAWAN WILDLIFE RESCUE AND
CONSERVATION CENTER, BGY. IRAWAN, PUERTO PRINCESA CITY**



Great Egret
Casmerodius albus modestus

Great Egret
Casmerodius albus modestus

Cattle Egret
Bubulcus coromandus



Egret Sp.

**PHOTOS OF WATERBIRD AT BM BEACH, BGY. SAN PEDRO,
PUERTO PRINCESA CITY**



Great Egret
Casmerodius albus modestus

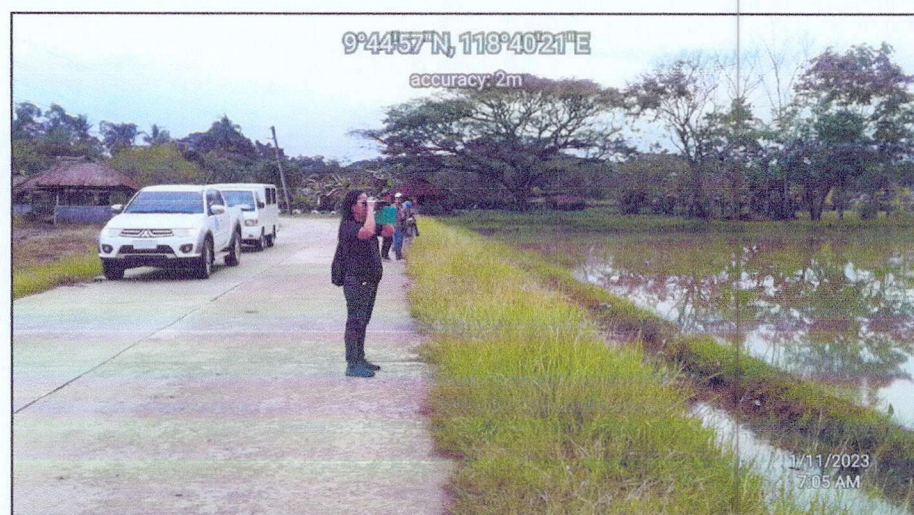
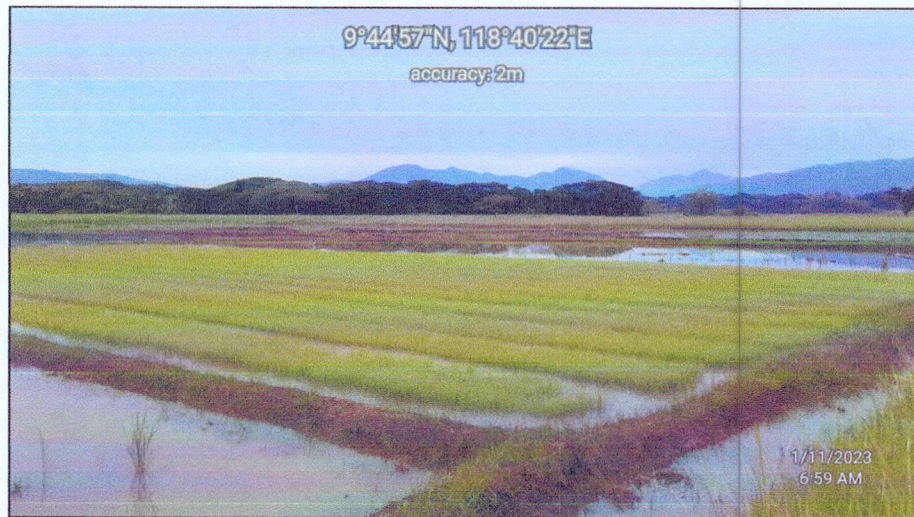
**PHOTOS OF WATERBIRDS AT PQMI, BGY. STA LOURDES,
PUERTO PRINCESA CITY**



Intermediate Egret
Ardea intermedia

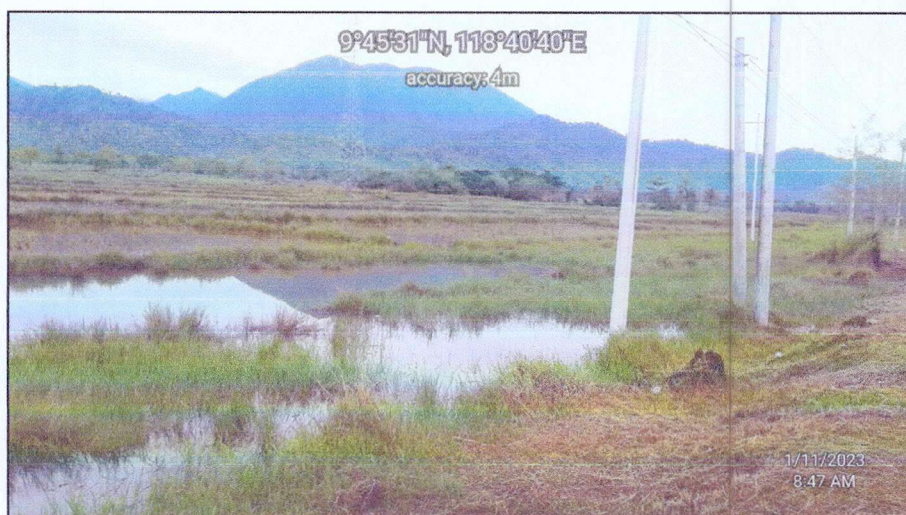
PHOTODOCUMENTATION

Photos taken during the conduct of Asian Waterbird Census 2023 along rice field areas at Iwahig Prison and Penal Farm (IPPF)



PHOTODOCUMENTATION

Photos taken during the conduct of Asian Waterbird Census (AWC) 2023 along rice field areas and National Highway at Iwahig Prison and Penal Farm (IPPF)

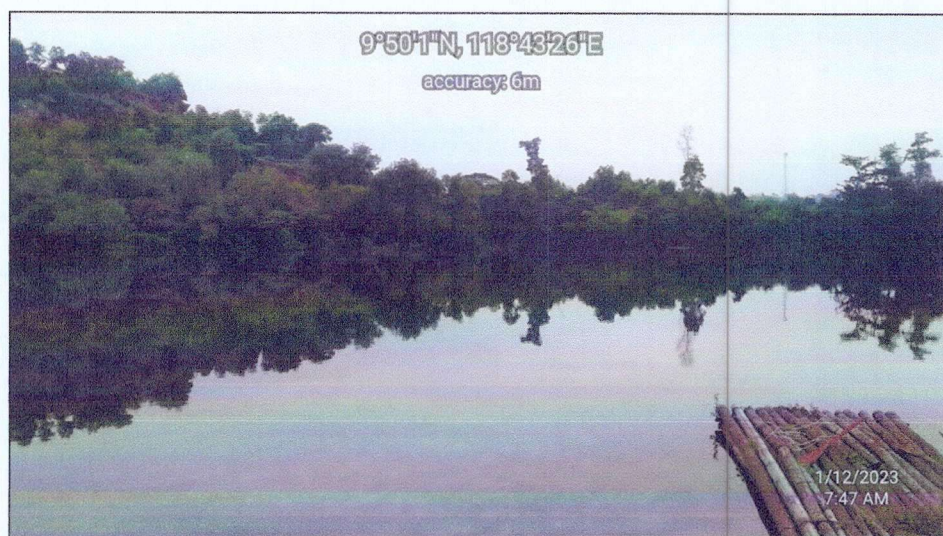
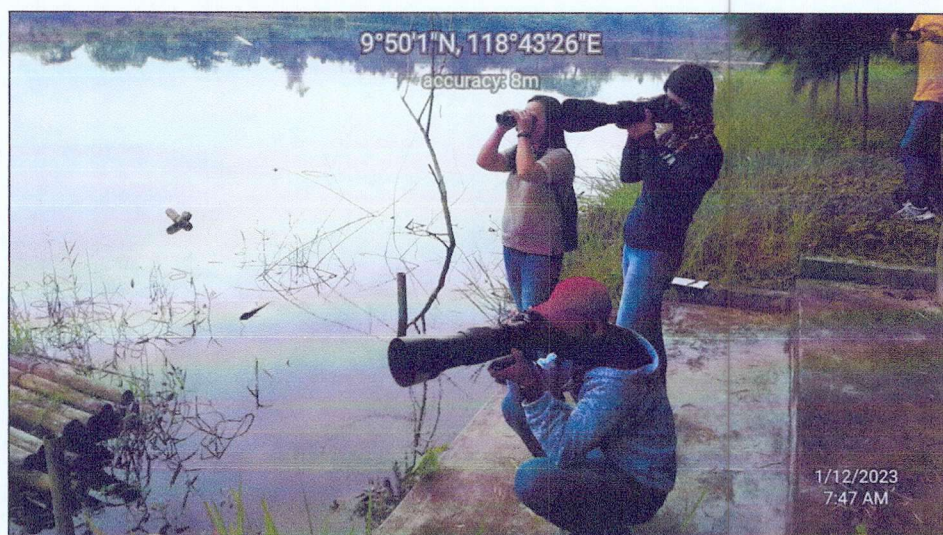


PHOTODOCUMENTATION

Photos taken during the conduct of Asian Waterbird Census (AWC) 2023 within
Palawan Wildlife Rescue and Conservation Center (PWRCC)

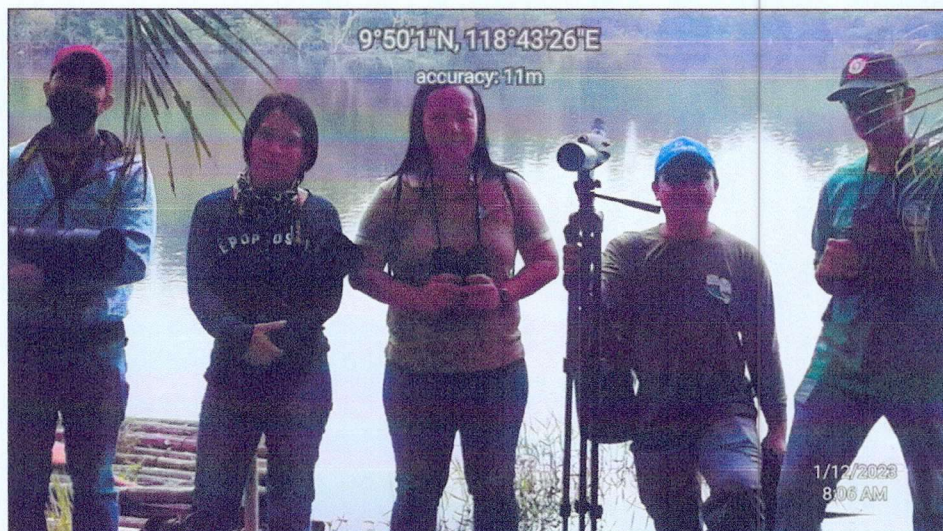
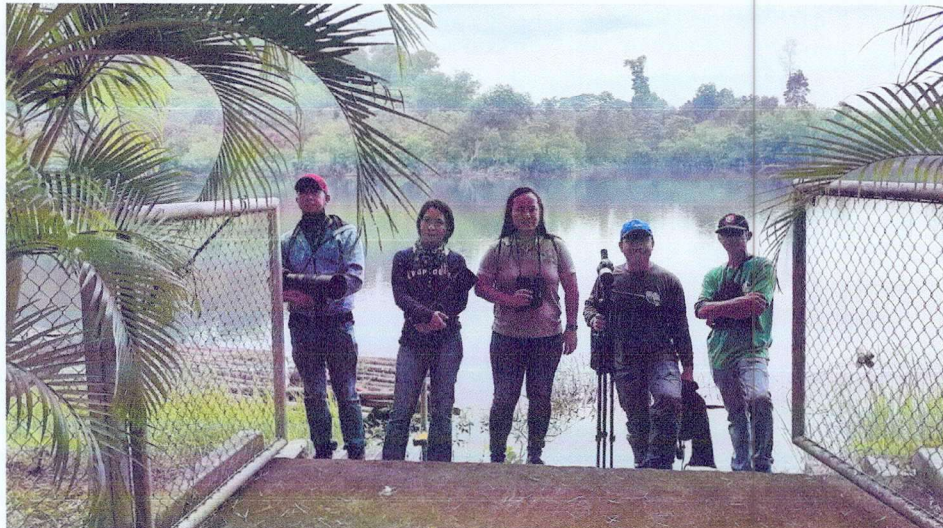


Photos taken during the conduct of Asian Waterbird Census (AWC) 2023 within Palawan Quicksilver Mines, Inc. (PQMI)-Pit Lake in Bgy. Sta. Lourdes, PPC



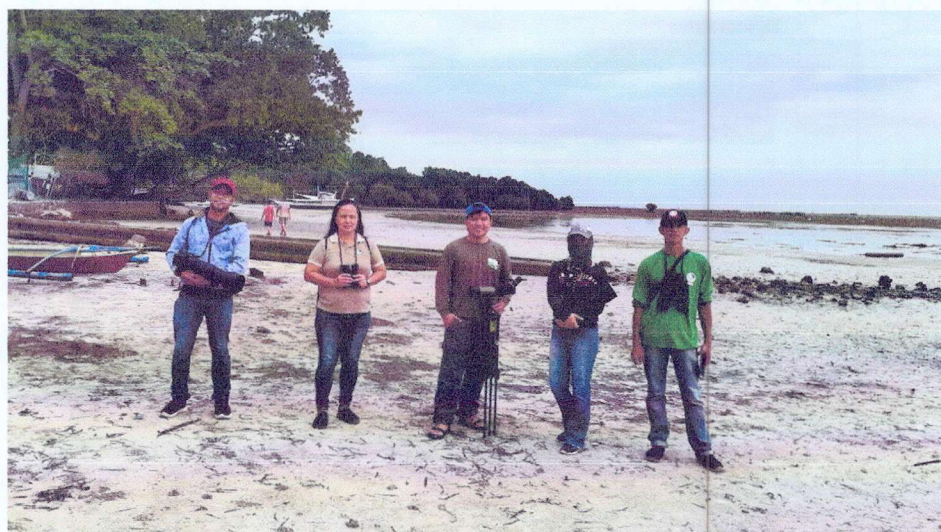
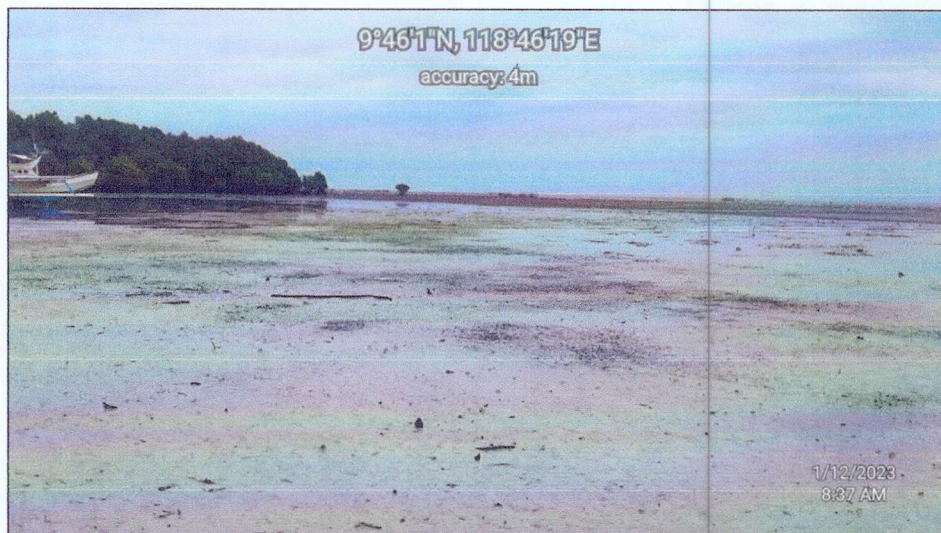
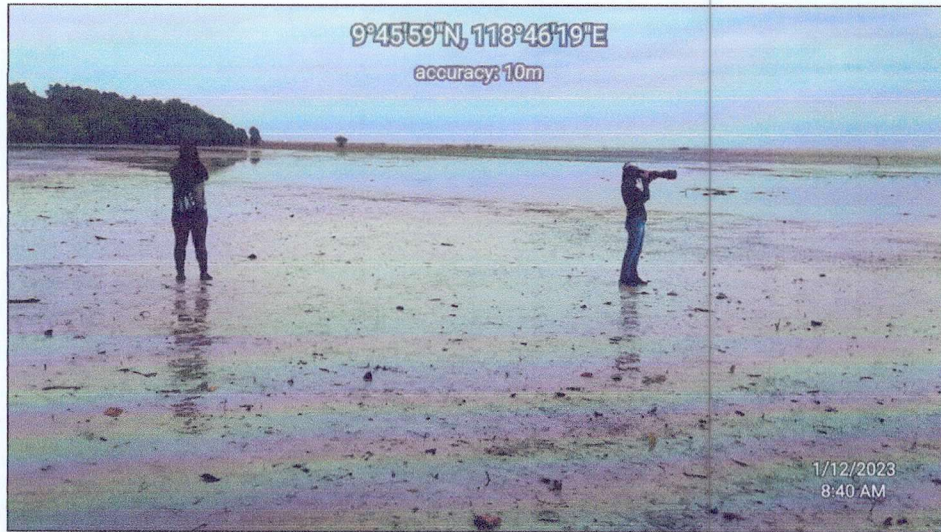
PHOTODOCUMENTATION

Photos taken during the conduct of Asian Waterbird Census (AWC) 2023 within Palawan Quicksilver Mines, Inc. (PQMI)-Pit Lake in Bgy. Sta. Lourdes, PPC



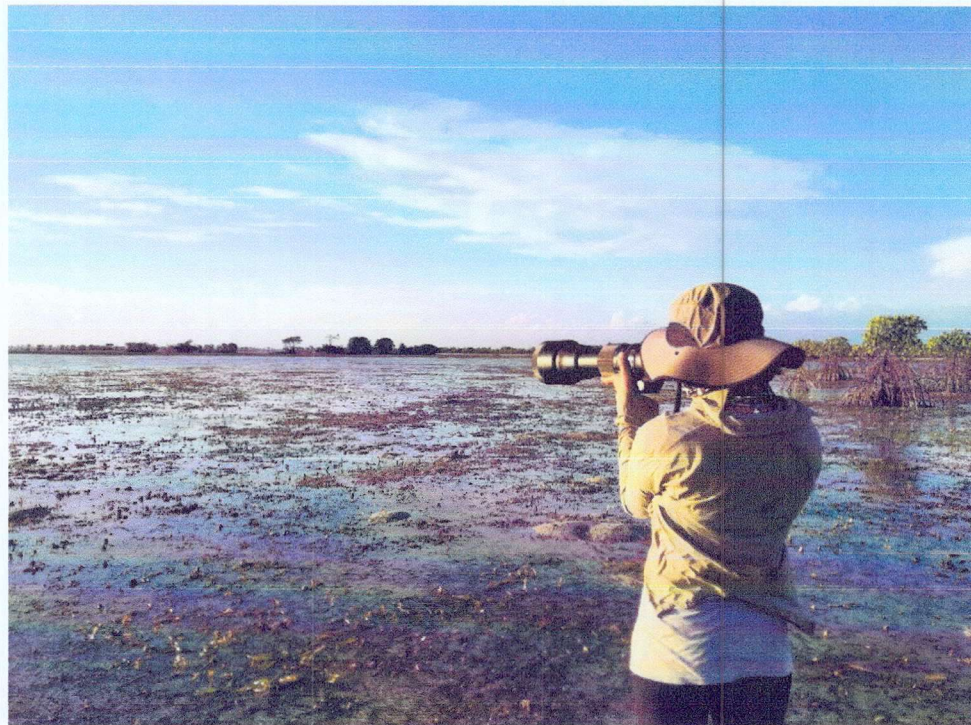
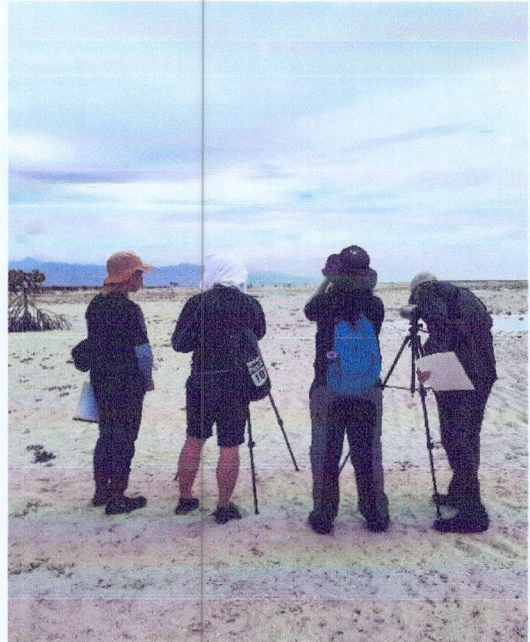
PHOTODOCUMENTATION

Photos taken during the conduct of Asian Waterbird Census (AWC) 2023 BM Beach in Bgy. San Pedro, PPC



PHOTODOCUMENTATION

*Photos taken during the conduct of Asian Waterbird Census (AWC) 2023 at Snake Island-
National Coastal and Marine Center for Research, Honda Bay, Puerto Princesa City*



PHOTODOCUMENTATION

*Photos taken during the conduct of Asian Waterbird Census (AWC) 2023 at Snake Island-
National Coastal and Marine Center for Research, Honda Bay, Puerto Princesa City*



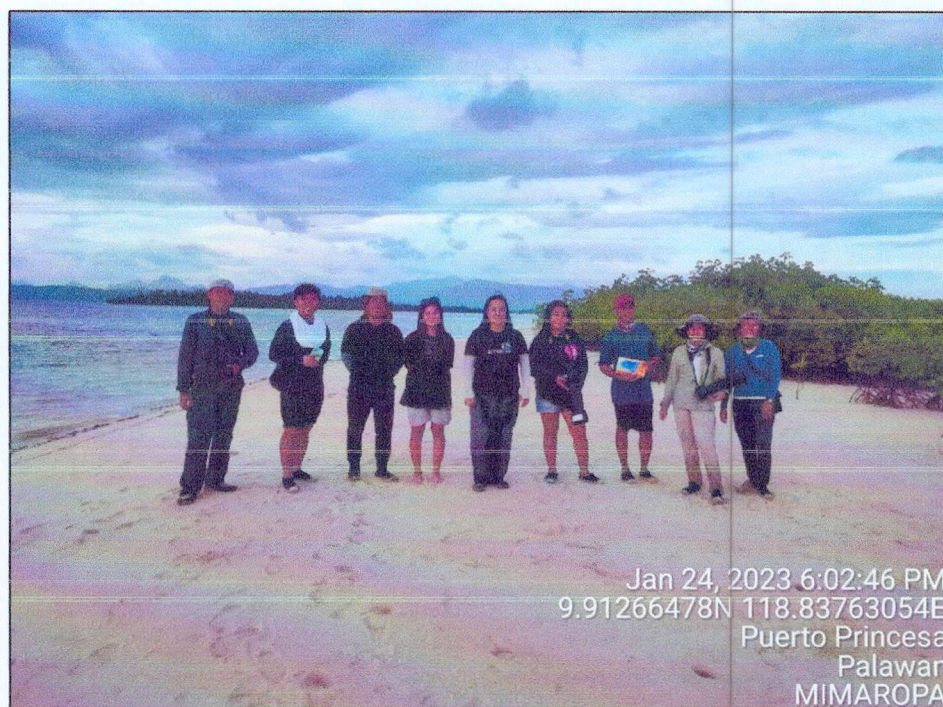
PHOTODOCUMENTATION

*Photos taken during the conduct of Asian Waterbird Census (AWC) 2023 at Snake Island-
National Coastal and Marine Center for Research, Honda Bay, Puerto Princesa City*



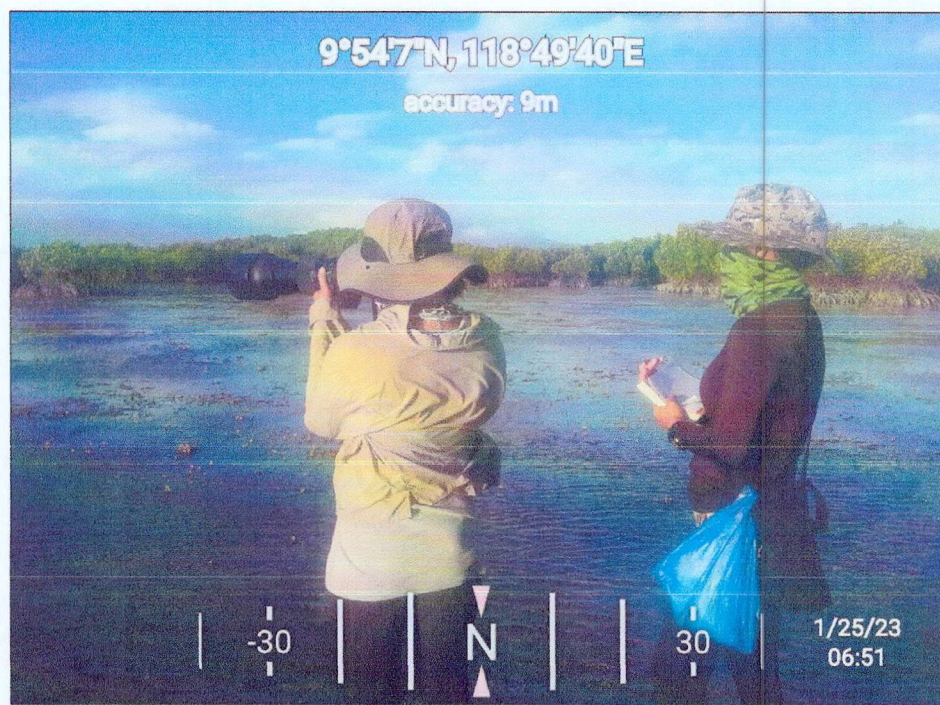
PHOTODOCUMENTATION

*Photos taken during the conduct of Asian Waterbird Census (AWC) 2023 at Snake Island-
National Coastal and Marine Center for Research, Honda Bay, Puerto Princesa City*



PHOTODOCUMENTATION

*Photos taken during the conduct of Asian Waterbird Census (AWC) 2023 at Snake Island-
National Coastal and Marine Center for Research, Honda Bay, Puerto Princesa City*



PHOTODOCUMENTATION

*Photos taken during the conduct of Asian Waterbird Census (AWC) 2023 at Snake Island-
National Coastal and Marine Center for Research, Honda Bay, Puerto Princesa City*

