



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

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RECEIVED
04 JUL 2022
J INCOMING
OUTGOING
DATE NO.

Region

June 24, 2022

MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA
1515 L&S Bldg., Roxas Blvd.
Ermita, Manila

FROM : The Provincial Environment and
Natural Resources Officer

SUBJECT : **SEABIRD SURVEY IN GREEN ISLAND BAY, ROXAS,
PALAWAN**

Forwarded is the memorandum dated June 03, 2022 of CENRO Roxas along with the report on the conducted Seabird Survey in Green Island Bay, Roxas, Palawan on May 26-27, 2022.

Per report, the team was able to record thirty-one (31) species of seabird. In two (2) days, a total of five hundred thirty-five (535) seabirds were counted. The activity was initiated by the Tubbataha Management Office, headed by PASu Angelique M. Songco.

For information and record.



FELIZARDO B. CAYATOC
DENR PENRO
PALAWAN RECORDS
RELEASED
BY: [Signature]
DATE: JUN 28 2022 22-1546



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

June 03, 2022


MEMORANDUM

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

FROM : The Community Environment and
Natural Resources Officer

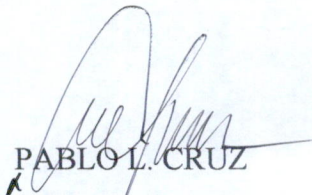
SUBJECT : **SEABIRD SURVEY IN GREEN ISLAND BAY, ROXAS,
PALAWAN**


**DENR PENRO
PALAWAN RECORDS
RECEIVED**

BY: 
DATE: 06-20-2022 22-5371

Submitted is the report of this office on the conducted Seabird Survey in Green Island Bay, Roxas, Palawan on May 26-27, 2022. Please be informed that the said activity was initiated by Tubbataha Management Office headed by PASu Angelique M. Songco. The team was able to record 31 seabird species. A total of 535 individuals of seabirds were counted in 2 days.

Attached are photo documentation, letter, list of seabird species and digitized map.


PABLO L. CRUZ

**DENR-CENRO ROXAS
RELEASED**
DATE: 08 JUN 2022
BY: 
OFF. NO. 2022-06-0914



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
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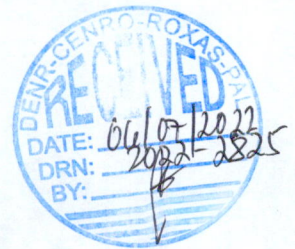
June 03, 2022

MEMORANDUM

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

FROM : The undersigned

SUBJECT : **SEABIRDS SURVEY IN GREEN ISLAND BAY, ROXAS,
PALAWAN**



Please be informed that the undersigned participated in the conduct of Seabird Survey in Green Island Bay, Roxas, Palawan on May 26-27, 2022. The activity was initiated by Tubbataha Management Office headed by PASu Angelique M. Songco. This activity aims to identify all possible roosting or breeding sites of seabirds such as Great Crested Tern and Bobbies in some islets and islands within Green Island Bay in the municipality of Roxas, Palawan as stated per letter received by office dated April 22, 2022.


The activity was led by Arne Jensen, Tubbataha Bird Consultant and assisted by Erickson Tabayag, PCSD Staff/Bird Expert; two (2) staff from Tubbataha Management Office; and the undersigned. The team visited 12 sites, such as: (1) Modessa Sandbars, (2) Johnson Island, (3) Puzzle Islet, (4) Purao Sandbars, (5) Cabugan Sandbars, (6,7 & 8) Flat Island Sandbars, (9) Stanlake Island (Sta. Cruz Island), (10) Isla Gubat (Howley Island), (11) Rizal Sandbars & (12) Pongtod Sandbars in Barangay Rizal.

The team was able to record 31 seabird species. Of which, 27 species are migratory birds. A total of 535 individuals of seabirds were counted in 2 days. It is requested that the Tubbataha Management Office submit the full data report in this office for reference.

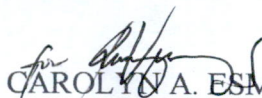
During the activity, the undersigned also surveyed the area for possible habitat of flying foxes aside in addition to Pagbo Island. Based on the conducted interview in the community some islands in Green Island Bay serve as habitat for flying fox species. Since 2019, Pagbo Island is a regular monitoring site for flying foxes of this office.

Attached are photo documentation, letter, list of seabird species and digitized map.

Prepared by:


RINADES L. JUSOS
Forest Technician I

Noted by:


CAROLYN A. ESMENDA
SEMS/Chief, CDS

**Photo documentation during the Seabird Survey in Green Island Bay,
Roxas, Palawan on May 26-27, 2022**



Figure 1: The Seabird Survey team led by Arne Jensen, Tubbataha Consultant (center), Erickson Tabayag & Jeff, Tubbataha staff (right) & FT I Rinades Jusos & Angelo (Left) at Modessa Sanbars (site 1)



Figure 2: Modessa Sandbars (Site 1)



Figure 3: Johnson Island (Site 2)

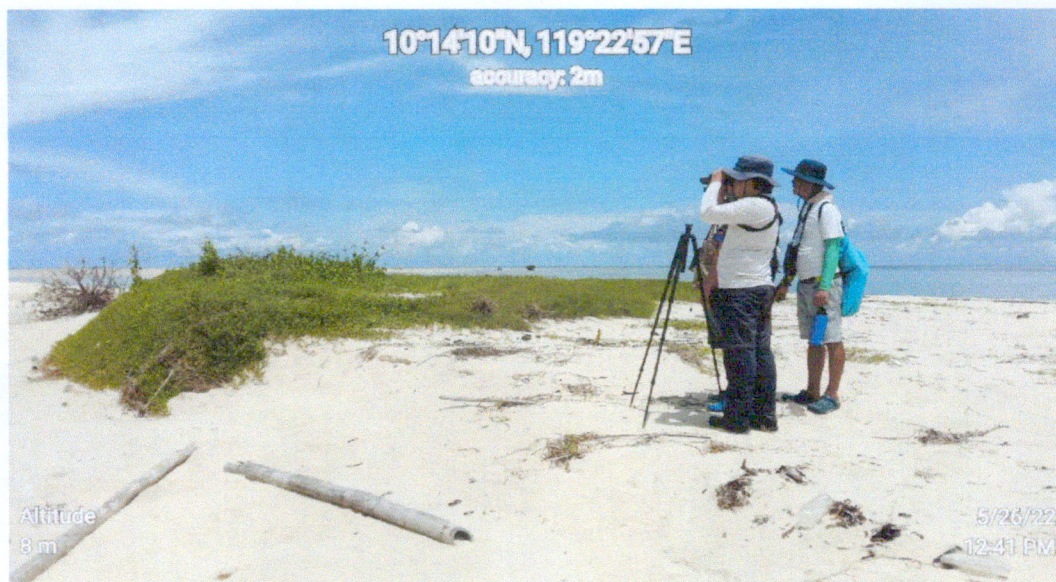


Figure 4: Puzzle Islet (Site3)



Figure 5: Flat Island Sandbars (Site 6, 7 & 8)



Figure 6: Stanlake Island (Sta. Cruz Island) - Site 9



Figure 7: Howley Island (Isla Gubat)- Site 10



Figure 8: Pongtod Sandbars (Site 11)

No.	FAMILY	ENGLISH NAME (IOC v 11.1)	SCIENTIFIC NAME (IOC v 11.1)	RESIDENCE STATUS	CONSERVATION STATUS			NO. OF INDIVIDUALS PER SITE												Total
					IUCN 2021-1	DENR-AO 2019-09	PCSD 2015-521	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	
1	Alcedinidae	Collared kingfisher	<i>Todiramphus chloris</i>	R	LC	OVS			1	1	No birds recorded		No birds recorded	No birds recorded	No birds recorded			No birds recorded		2
2	Ardeidae	Chinese egret	<i>Egretta euphotes</i>	M	VU	VU	VU	1	5	12	recorded		recorded						recorded	18
3	Ardeidae	Intermediate egret	<i>Ardea intermedia</i>	R,M	LC	OVS				1	Sandbar									1
4	Ardeidae	Pacific reef heron	<i>Egretta sacra</i>	R	LC	OVS		3+3*	1		submerged in water						1			8
5	Ardeidae	Striated heron	<i>Butorides striata</i>	R,M	LC	OVS				3										1
6	Charadriidae	Greater sand plover	<i>Charadrius leschenaulti</i>	M	LC				11											14
7	Charadriidae	Grey plover	<i>Puvialis squatarola</i>	M	LC				3	6										9
8	Charadriidae	Kenish plover	<i>Charadrius alexandrinus</i>	M	LC				4	7										11
9	Charadriidae	Lesser sand plover	<i>Charadrius mongolus</i>	M	LC			4	29	8										41
10	Charadriidae	Malaysian plover	<i>Charadrius peronii</i>	R	NT	VU	VU			2										2
11	Laridae	Caspian tern	<i>Hydroprogne caspia</i>	M	LC					1										1
12	Laridae	Common tern	<i>Sterna hirundo</i>	M	LC				15+2**	37										54
13	Laridae	Greater crested tern	<i>Thalasseus bergii</i>	R	LC	VU						8								8
14	Laridae	Gull-billed tern	<i>Gelochelidon nilotica</i>	M	LC				5	2+1***										8
15	Laridae	Little tern	<i>Sterna albiglans</i>	R,M	LC				46	39		11								96
16	Laridae	Roseate tern	<i>Sterna dougalli</i>	M (R?)	LC					2										2
17	Scolopaciidae	Asian dowitcher	<i>Limnodromus semipalmatus</i>	M	NT	VU			6	2										8
18	Scolopaciidae	Bar-tailed godwit	<i>Limosa lapponica</i>	M	NT				12	15										27
19	Scolopaciidae	Common greenshank	<i>Tringa nebularia</i>	M	LC				5											5
20	Scolopaciidae	Common redshank	<i>Tringa totanus</i>	M	LC					1										1
21	Scolopaciidae	Curlew sandpiper	<i>Calidris ferruginea</i>	M	NT				11	1										12
22	Scolopaciidae	Eurasian curlew	<i>Numenius arquata</i>	M	NT	OTS			11	3										14
23	Scolopaciidae	Far eastern curlew	<i>Numenius madagascariensis</i>	M	EN	EN	VU			3										3
24	Scolopaciidae	Great knot	<i>Calidris tenuirostris</i>	M	EN	EN	VU		4	8										12
25	Scolopaciidae	Grey-tailed tattler	<i>Tringa brevipes</i>	M	NT				57											57
26	Scolopaciidae	Red knot	<i>Calidris canutus</i>	M	NT				5											5
27	Scolopaciidae	Red-necked stilt	<i>Calidris ruficollis</i>	M	NT				23	4										27
28	Scolopaciidae	Ruddy turnstone	<i>Arenaria interpres</i>	M	LC			2	4	2										14
29	Scolopaciidae	Sanderling	<i>Calidris alba</i>	M	LC				2	2										4
30	Scolopaciidae	Terek sandpiper	<i>Xenus cinereus</i>	M	LC				10											10
31	Scolopaciidae	Whimbrel	<i>Numenius phaeopus</i>	M	LC				16											16
32	Ardeidae	White egret sp.							4	5										9
33	Charadriidae	Shorebird sp.								35										35
TOTAL								13	292	203	0	19	0	0	0	0	2	0	6	535

*Both White phase and Dark Phase has three (3) individuals

**15 Juvenile individuals and Two (2) Adult individuals

***Two (2) individuals in breeding plumage and One (1) individual in non-breeding plumage

Summary:

Number of species 31
 Number of introduced species 0
 Number of endemic species 0

Conservation Status	IUCN	DENR	PCSD
Number of threatened species			
Critically Endangered	0	0	0
Endangered	2	2	0
Vulnerable	1	4	4
Near Threatened / Other Threatened Species	8	1	
Data Deficient	0		
Not Evaluated	0		

Other birds observed in transit to island/sandbar stations

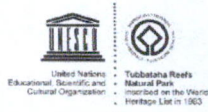
No.	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	RESIDENCE STATUS	CONSERVATION STATUS			LOCATION	NO. OF INDIVIDUAL
		(IOC v 11.1)	(IOC v 11.1)		IUCN	DENR-AO	PCSD		
					2021-1	2019-09	2015-521		
1	Columbidae	Pied Imperial pigeon	Ducula bicolor	R	LC	OWS	VU	Near Pt	5
								Near Pt	12
2	Accipitridae	White-bellied sea eagle	Haliaeetus leucogaster	R	LC	OWS	EN	Near Jd 1 (juvenile)	



Tubbataha Management Office

Tubbataha Reefs Natural Park & World Heritage Site

22 April 2022



CENRO PABLO L. CRUZ

CENRO Roxas

Roxas, Palawan



Dear CENRO Cruz,



The Tubbataha Management Office co-organized the National Seabird Summit in September 2021. The summit underscored the need to conduct baseline assessments in possible breeding ground of seabirds for us to generate a better understanding of the species.



There were records of Great Crested Terns and Boobies in Roxas based on the Asian Waterbird Census and other field observations. These seabirds breed in Tubbataha and we hope to increase our conservation efforts by identifying other roosting areas. According to literature, Green Island Bay in Roxas, Palawan is also a possible breeding ground for Roseate and Black-naped Terns. The other uninhabited islets and sandbars in Roxas Bay are also potential breeding habitats for Great Crested and Little Terns.

We asked our seabird consultant and a few volunteers to conduct a rapid assessment of seabirds in some islands and islets in Green Island Bay in Roxas, namely Green, Johnson and Stanlake/Sta. Cruz Islands, including nearby sandbars. The data that will be collected in these islands and sandbars will be important in DENR and its partners' effort to gather seabird data in the Philippines. The assessment will be conducted on May 25-26, 2022.

We would like to invite one of your staff, **MS. RINADES LOREN-JUSOS**, to join our survey. We kindly ask for your assistance in coordinating and obtaining permits from pertinent agencies to conduct the activity.

Thank you very much for your assistance.

Sincerely yours,


ANGELIQUE M. SONGCO
PASu, TRNP