Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE

SEP 20 2022

DENR MIMAROPA RECORDS SECTION
RECEIVED
04 OCT 2022
☐ INCOMING ☐ OUTGOING
BY: DATS NO.

MEMORANDUM

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

THRU : The ARD for Technical Services

FROM : The OIC, PENR Officer

SUBJECT : **MILESTONE ACCOMPLISHMENT REPORT ON THE MANGROVE ASSESSMENT CONDUCTED AT SITIO PANDAN, BRGY. CLAUDIO SALGADO, SABLAYAN, OCCIDENTAL MINDORO AS PART OF THE COASTAL VULNERABILITY ASSESSMENT OF AMNAY-PATRICK WATERSHED**

Forwarded is the memorandum dated September 14, 2022 of CENRO Sablayan regarding milestone accomplishment report of CDS Team on the mangrove assessment conducted at Sitio Pandan, Brgy. Claudio Salgado, Sablayan, Occidental Mindoro.

Based on the assessment report of Mangrove it shows that there are ten (10) species of mangrove observed wherein Pototan (*Bruguiera sexangula)* is the most numerous mangrove species followed by Bakawang lalaki *(Rhizopora apiculata)*. The monitoring activity revealed positive result for the mangrove plantation since the area served as fishing grounds for mud crabs, shellfish and other resources as adequate source of food and income for the locals. The aforementioned mangrove plantation also served as coastal barriers for disasters like tsunami, storm surge etc. and also contributes to the reduction of erosion and flooding.

For information, evaluation and record.

ERNESTO E. TAÑADA

TSD-CDS9/19/2022
Copy furnished:
1. Planning Section
2. C-Sablayan
3. File

So. Pag-asa, Brgy. Payompon, Mamburao, Occidental Mindoro
Email:penrooccmin@denr.gov.ph

Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

August 30, 2022

MEMORANDUM

FOR : The OIC, PENR Officer
Mamburao, Occidental Mindoro

THRU : The Technical Services Division

FROM : The CENR Officer

SUBJECT : **MILESTONE ACCOMPLISHMENT REPORT ON THE MANGROVE ASSESSMENT CONDUCTED AT SITIO PANDAN, BRGY. CLAUDIO SALGADO, SABLAYAN, OCCIDENTAL MINDORO AS PART OF THE COASTAL VULNERABILITY ASSESSMENT OF AMNAY-PATRICK WATERSHED**

Respectfully forwarded is the milestone accomplishment report of CDS Team on the mangrove assessment conducted at Sitio, Pandan, Brgy. Claudio Salgado, Sablayan, Occidental Mindoro.

The mangrove assessment shows that there are ten (10) species of mangrove observed wherein Pototan (*Bruguiera sexangula*) is the most numerous mangrove species followed by Bakawang lalaki *(Rhizopora apiculata)*. The monitoring activity revealed positive result for the mangrove plantation since the area served as fishing grounds for mud crabs, shellfish and other resources as adequate source of food and income for the locals. The aforementioned mangrove plantation also served as coastal barriers for disasters like tsunami, storm surge etc. and also contributes to the reduction of erosion and flooding.

For your information, record and further evaluation.

RECORDS
RECEIVED BY:
DATE: 9/14 TIME:
RELEASED BY:
DATE: TIME:

FOR. ANASTACIO A. SANTOS MPA

PENRO
RECEIVED BY:
DATE: 09-16-22
TIME: 02:05

National Road, Brgy. Sta. Niño, Sablayan, Occidental Mindoro
E-mail: cenrosablayan@denr.gov.ph

Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

August 23, 2022

MEMORANDUM

FOR : The CENR Officer

THRU : The Deputy CENR Officer
The Chief, Conservation and Development Section

FROM : The Forest Technician I
The Forest Technician I
The Park Maintenance Foreman

SUBJECT : **MILESTONE ACCOMPLISHMENT REPORT ON THE MANGROVE ASSESSMENT CONDUCTED AT SITIO PANDAN, BRGY, CLAUDIO SALGADO, SABLAYAN, OCCIDENTAL MINDORO AS PART OF THE COASTAL VULNERABILITY ASSESSMENT OF AMNAY-PATRICK WATERSHED**

Please be informed that some DENR CENRO Sablayan personnel from the Conservation and Development Section (CDS) and Technical Services Division (TSD) from DENR PENRO Occidental Mindoro conducted mangrove assessment activity on the mangrove area locatedat Sitio Pandan, Brgy. Claudio Salgado, Sablayan and during the conduct of the said activity it was observed that part of the area asses is within the established 2012 NGP mangrove plantation by Claudio Salgado Farmers and Fisherman Association represented by Mr. Crisante Rosete.

The said activity was conducted to monitor the status of the mangrove forest in connection to the Coastal vulnerability Assessment of Amnay-Patrick Watershed. The assessment will highlight not only the status but also what possible impacts can be obtained by the community from the said area and vice versa.

Mangrove areas are considered to have different roles in coastal risk reduction that are as follows; reduce wave damage, reduce damage from large storms, helps to reduce tsunami damage, reduce erosion, and bind soils together and may keep up with sea level rise. Mangroves often modify coastlines through their ability to attenuate waves, capture sediments and build soils. *(Mangroves for coastal defence- Guidelines for coastal managers and policy makers*). Mangroves also act as natural coastline barriers against huge waves and flooding which are threats for the coastal communities.

The mangrove assessment sites were determined by the personnel from the Ecosystems Research and Development Bureau (ERDB) as part of the activity conducted last July 20-24, 2022, three (3) predetermined transects that have been subdivided into three (3) plots

(seaward, middle ward and landward), the 1st and 2nd transect are located within the NGP site while the 3rd transect is within the naturally grown mangrove forest.

Within the three (3) plots the team then established three (3) quadrats measuring 20x20m, 5x5m and 1x1m. For the 20x20m sampling plots plants with over 5cm diameter were identified and recorded, for 5x5m sampling Plot saplings with under 5cm diameter were identified and recorded and for 1x1m sampling plot creeping plants and flora observed were identified and are also recorded. All faunas found within the sampling plots were also identified and recorded. Photos are taken for the Flora and fauna that cannot be identified in the site for the flora the team primarily used the *Mangroves &Beach Forest Species in the Philippines, Ecosystems Research Development Bureau, Department of Environment and Natural Resources, 2016* and the *Field guide to Philippine Mangroves, J.H. Primavera, Philippine Tropical Forest Conservation Foundation Inc., The Zoological Society of London, 2009.*

The table below shows the data gathered from each predetermined transect within the mangrove plantation/area.

TRANSECT 1				
Quadrant no.	**Sampling Plot**	**Flora and Fauna species observed**	**No of species observed**	**Remarks and Observation**
1/ Seaward	20x20 m	Bakawang lalaki *(Rhizopora apiculata)*	102	Height: 1.2 - 2.9 m Trunk diameter: 5.2 - 9.5 cm
		Pototan *(Bruguiera sexangula)*	22	Height: 1.2-1.8 meters Trunk diameter: 5 – 8.3 cm
	5x5 m	Bakawang lalaki *(Rhizopora apiculata)*	12	Height .23 - .88 m Trunk diameter .7 - 6.5 cm
	1x1 m	Fiddler Crab *(Austruca annulipes)*	7	
		Sihi *(Vittina sp.)*	4	
		Fire ants *(Solinopsis sp.)*	nest	

		Mud skipper *(Periopthalmodon sp.)*	4	
		Hermit crab *(Calcinus sp.)*	1	
2/Middleward	20x20 m	Bakawang lalaki *(Rhizopora apiculata)*	121	Height 1.9 – 4.3 m Trunk diameter 5.3 – 10.3 cm
	5x5 m	Bakawang lalaki *(Rhizopora apiculata)*	1	Height .5 m Trunk diameter 1 - 2.1cm
		Asim asim (Acanthus ebracteatus)	1	
	1x1 m	Saka saka *(Cerithidea sp.)*	6	
		Fiddler Crab *(Austruca annulipes)*	3	
		Sihi *(Vittina spp.)*	2	
3/ Landward	20x20 m	Pototan *(Bruguiera sexangula)*	83	Height 1.5 - 3.3 meters Trunk diameter 5 – 12.2 cm
	5x5 m	Pototan *(Bruguiera sexangula)*	10	Height .33 - 43 meters Trunk diameter .8-1.2 cm
		Fimbristylis *(Fimbristylis sp.)*	9	
	1x1 m	Talangka *(Cardisoma sp.)*	9	

	1x1 m	Saka saka *(Cerithidea sp.)*	8	
TRANSECT 2				
1/ Seaward	20x20 m	Bakawang Lalaki *(Rhizopora apiculata)*	45	Height 2.2 – 3.8 m Trunk diameter 5.2 - 9.5 cm
		Pototan *(Bruguiera sexangula)*	25	Height 1.2-1.8 meters Trunk diameter .5 – 8.3 cm
		Api-api *(Avicenia marina)*	24	Height 1.3-1.9 meters Trunk diameter .5 – 8.9 cm
	5x5 m	Bakawang lalaki *(Rhizopora apiculata)*	32	Height .5 - .8 m Trunk diameter .6 - 1.5 cm
		Pototan *(Bruguiera sexangula)*	10	Height .3 - .87 m Trunk diameter .7- 1.4 cm
	1x1 m	Talangka *(Cardisoma sp.)*	3	
		Sihi *(Vittina spp.)*	31	
		Fire ants *(Solinopsis sp.)*	nest	
2/Middleward	20x20 m	Bakawang lalaki *(Rhizopora apiculata)*	23	Height 1.9 – 4.3 m Trunk diameter 5.3 – 10.3 cm
		Pototan *(Bruguiera sexangula)*	45	Height 1.9 – 4.3 m Trunk diameter 5.3 – 10.3 cm

2/Middleward		Api-api *(Avicenia marina)*	12	Height 1.9 – 4.3 m Trunk diameter 5.3 – 10.3 cm
	5x5 m	Pototan *(Bruguiera sexangula)*	25	Height 1.9 – 4.3 m Trunk diameter 5.3 – 10.3 cm
	1x1 m	Saka saka *(Cerithidea sp.)*	20	
		Talangka *Cardisoma sp.)*	2	
3/ Landward	20x20 m	Pototan *(Bruguiera sexangula)*	105	Height 1.5 - 3.3 meters Trunk diameter 5 – 12.2 cm
		Pagatpat *(Sonneratia alba)*	2	Height 1.6 - 3.4 meters Trunk diameter 5.2 – 6.4 cm
	5x5 m	Pototan *(Bruguiera sexangula)*	11	Height .33 - .43 meters Trunk diameter .8-1.2 cm
	1x1 m	Talangka *(Cardisoma sp.)*	3	
		Saka saka *(Cerithidea sp.)*	5	
TRANSECT 3				
1/ Seaward	20x20m	Bakawang Lalaki *(Rhizopora apiculata)*	14	Height 2.3 – 4 m Trunk diameter 5.1-12 cm
		Pototan *(Bruguiera sexangula)*	65	Height 2.4-6.1 meters Trunk diameter 2.6-9.1 cm

1/ Seaward		Pagatpat *(Sonneratia alba)*	1	Height 2.4 m Trunk diameter 4 cm
	5x5 m	Pototan *(Bruguiera sexangula)*	35	Height .3 - .87 m Trunk diameter .7- 1.4 cm
	1x1 m	None		Submerged in water
2/Middleward	20x20 m	Pototan *(Bruguiera sexangula)*	340	Height 1.3 – 2.2 m Trunk diameter 5.2 – 11.1 cm
		Asim asim *(Acanthus ebracteatus)*	5	Creeping plants
	5x5 m	Pototan *(Bruguiera sexangula)*	23	Height .3 - .6 m Trunk diameter .7- 2.2 cm
	1x1 m	Talangka *(Cardisoma sp.)*	5	
		Saka saka *(Cerithidea sp.)*	5	
		Sihi *(Vittina sp.)*	3	
3/Landward	20x20 m	Pototan *(Bruguiera sexangula)*	202	Height .3 - .6 m Trunk diameter .7- 2.2 cm
		Aroma *(Acasia faresiana)*	31	Height 2.5-3.5 m Trunk Diameter 7 – 14 cm
		Pandan *(Pandanus tectorius)*	14	

3/Landward	20x20 m	Ipil ipil *(Leucaena leucocephala)*	3	Height: 3-5 m Trunk Diameter: 11-18 cm
		Balibago *(Hibiscus tillaceus)*	1	Height: 4 m Trunk diameter: 13cm
		Pagatpat *(Sonneratia alba)*	1	Height: 1.2m Trunk diameter: 6 cm
	5x5 m	Pototan *(Bruguiera sexangula)*	9	Height .4 - .6 m Trunk diameter .8- 2.2 cm
		Pandan *(Pandanus tectorius)*	4	
		Asim asim *(Salacia chinensis)*	4	Creeping plants
		Palaypay *(Acrostichum aureum)*	3	
	1x1m	Saka saka *(Cerithidea sp.)*	3	
		Talangka *(Cardisoma sp.)*	3	

The above table shows that total of ten (10) species of mangrove and mangrove species associates are observed. The most numerous species observed is Pototan *(Bruguiera sexangula)* (n=1010) followed by Bakawan lalaki *(Rhizopora apiculata)* (n=350) and Api-api *(Avicenia marina)* (n=36). It is important to note that during the report preparation it was then verified that the area described in transect 1 and 2 is within the NGP Established Mangrove Plantation wherein Bakawan lalaki (*Rhizopora apiculata)* and Pototan (*Bruguiera sexangula*) were planted and was verified during the assessment.

There are no community within or near the mangrove area. The nearest community is about 1.5 kilometers from the site but is accessible for the locals using motor and paddle boats. The guides also shared that the area now serves as fishing grounds for mud crabs,

shellfish and other resources that have been become abundant in the area that serves as source of food and income for the local folks.

Also, the monitoring activity shows a positive result for the said established mangrove plantation. The same site was previously selected as one of the best NGP sites of Occidental Mindoro during the interprovincial competition for the Best NGP sites of DENR MIMAROPA Region.

Since the said plantation was a result a rehabilitation project that a monitoring on the sites should be done as part of the monitoring of the established sites for possible study and identification of possible pest and disease that might negatively affect the mangrove plantations.

In the case of Brgy. Claudio Salgado flooding is a seasonal calamity since the area is geographically located within the low elevation area of Sablayan in addition to that is the constant soil erosion and siltation from Amnay and Patrick Rivers that is by natural cause and was worsened by different anthropogenic activities conducted in the highlands. With this scenario many flood control infrastructures were constructed with some still under construction particularly in the flood prone Barangays of Sablayan specifically within the river systems of Amnay-Patrick watershed.

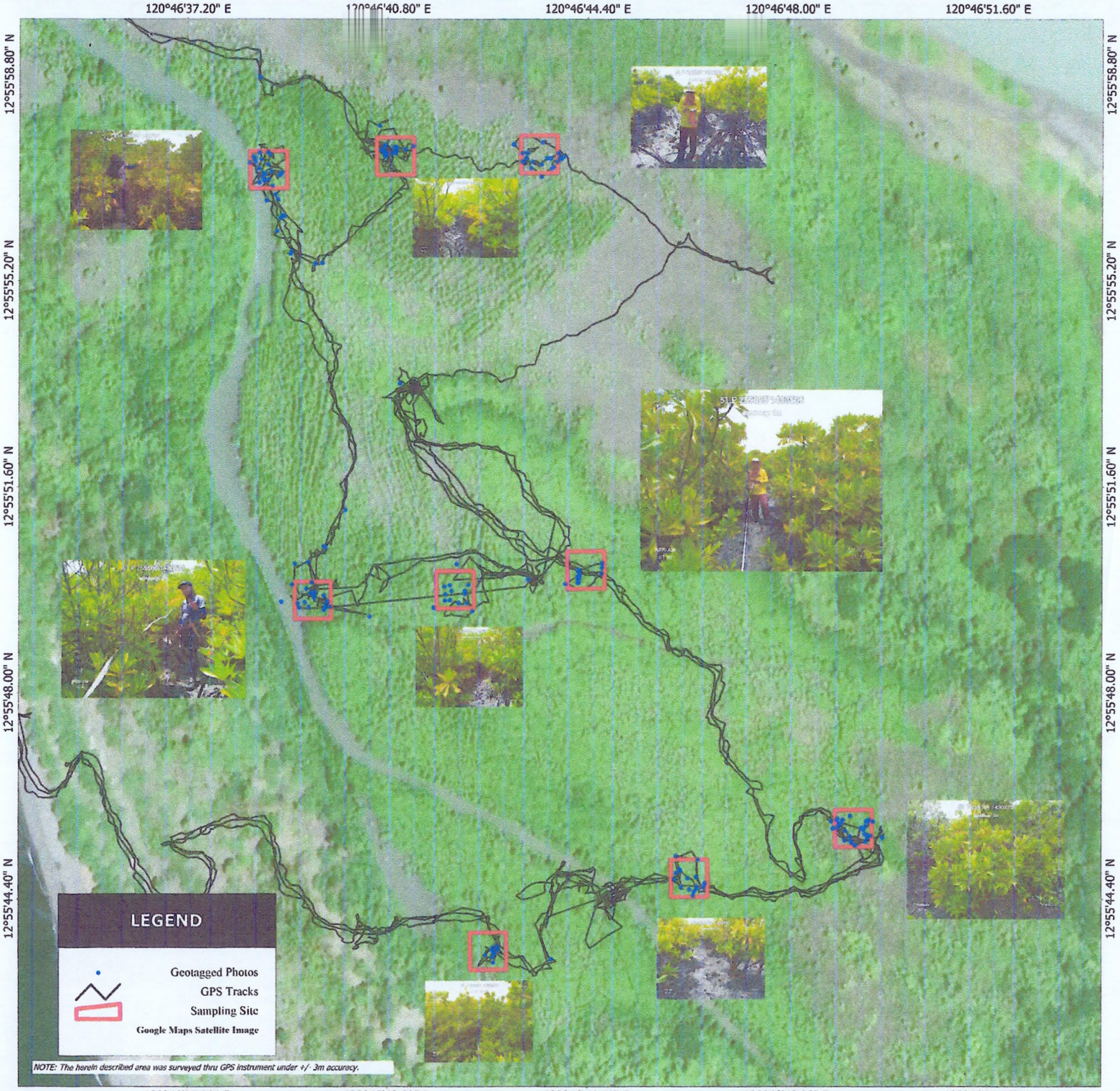
Attached are the geo-tagged photos, GIS generated maps and field data sheet during the conduct of the monitoring activity.

For information, evaluation and record.

MARLON C. CORTEZ

DENNIS E. FERATERO

FERDINAND B. MAGNO



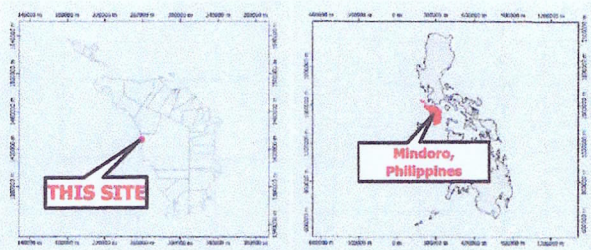
SKETCH MAP

OF THE AREA OF THE

MANGROVE ASSESSED AS PART OF THE COASTAL VULNERABILITY ASSESSMENT FOR AMNAY-PATRICK WATERSHED

LOCATED AT:

BARANGAY : CLAUDIO SALGADO
MUNICIPALITY : SABLAYAN
PROVINCE : OCCIDENTAL MINDORO
SAMPLING SITE AREA : 0.36 HECTARE



LOCATION MAP

0 260 m

SCALE : 1:3000

Datum : World Geodetic 1984 (WGS84)
Coordinate System : Universal Transverse Mercator - Zone 51 (N)

Republic of the Philippines
DEPARTMENT OF ENVIRONMENT AND NATURAL REOSOURCES
MIMAROPA Region IV-B
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Brgy. Sto. Niño, Sablayan, Occidental Mindoro

C E R T I F I C A T I O N

We hereby certify that this is the correct map through GPS survey of the mangrove area assessed as part of the Coastal Vulnerability Assessment for Amnay-Patrick Watershed located at Brgy. Claudio Salgado, Sablayan, Occidental Mindoro as described herein.

This map was prepared based from the submitted compilation sketch and other references available in the office.

Prepared by:

DENNIS E. FERATERO
FT/I, GIS Operator

Checked by:

ALVIN E. SANICO
Forester II, Chief, CDS

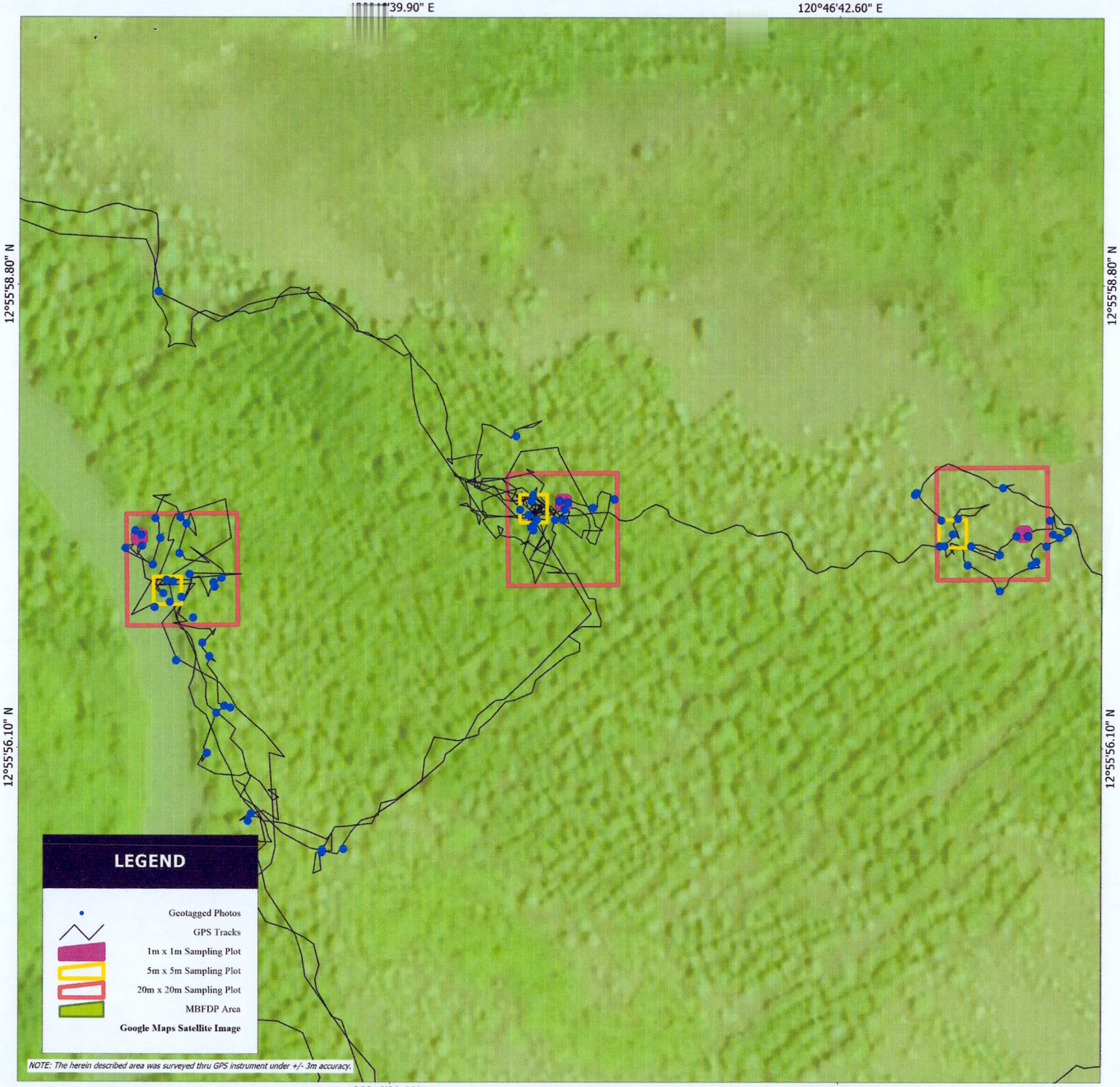
23/08/2022

120°46'39.90" E

120°46'42.60" E

12°55'58.80" N

12°55'56.10" N



NOTE: The herein described area was surveyed thru GPS instrument under +/- 3m accuracy.

SKETCH MAP

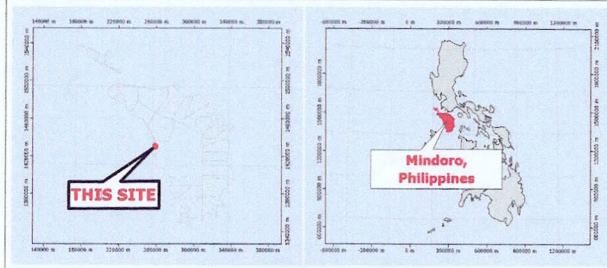
OF THE AREA OF THE

COASTAL VULNERABILITY ASSESSMENT FOR AMNAY-PATRICK WATERSHED

SAMPLING PLOTS

LOCATED AT:

BARANGAY : CLAUDIO SALGADO
MUNICIPALITY : SABLAYAN
PROVINCE : OCCIDENTAL MINDORO



LOCATION MAP

0 50 m

SCALE : 1:1000

Datum : World Geodetic 1984 (WGS84)
Coordinate System : Universal Transverse Mercator - Zone 51 (N)

Republic of the Philippines
DEPARTMENT OF ENVIRONMENT AND NATURAL REOSOURCES
MIMAROPA Region IV-B
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Brgy. Sto. Niño, Sablayan, Occidental Mindoro

CERTIFICATION

We hereby certify that this is the correct map through GPS survey of the Sampling Plots (Transect 1) of the mangrove area assessed for Coastal Vulnerability Assessment for Amnay - Patrick Watershed located at Brgy. Claudio Salgado,Sablayan, Occidental Mindoro as described herein.

This map was prepared based from the submitted compilation sketch and other references available in the office.

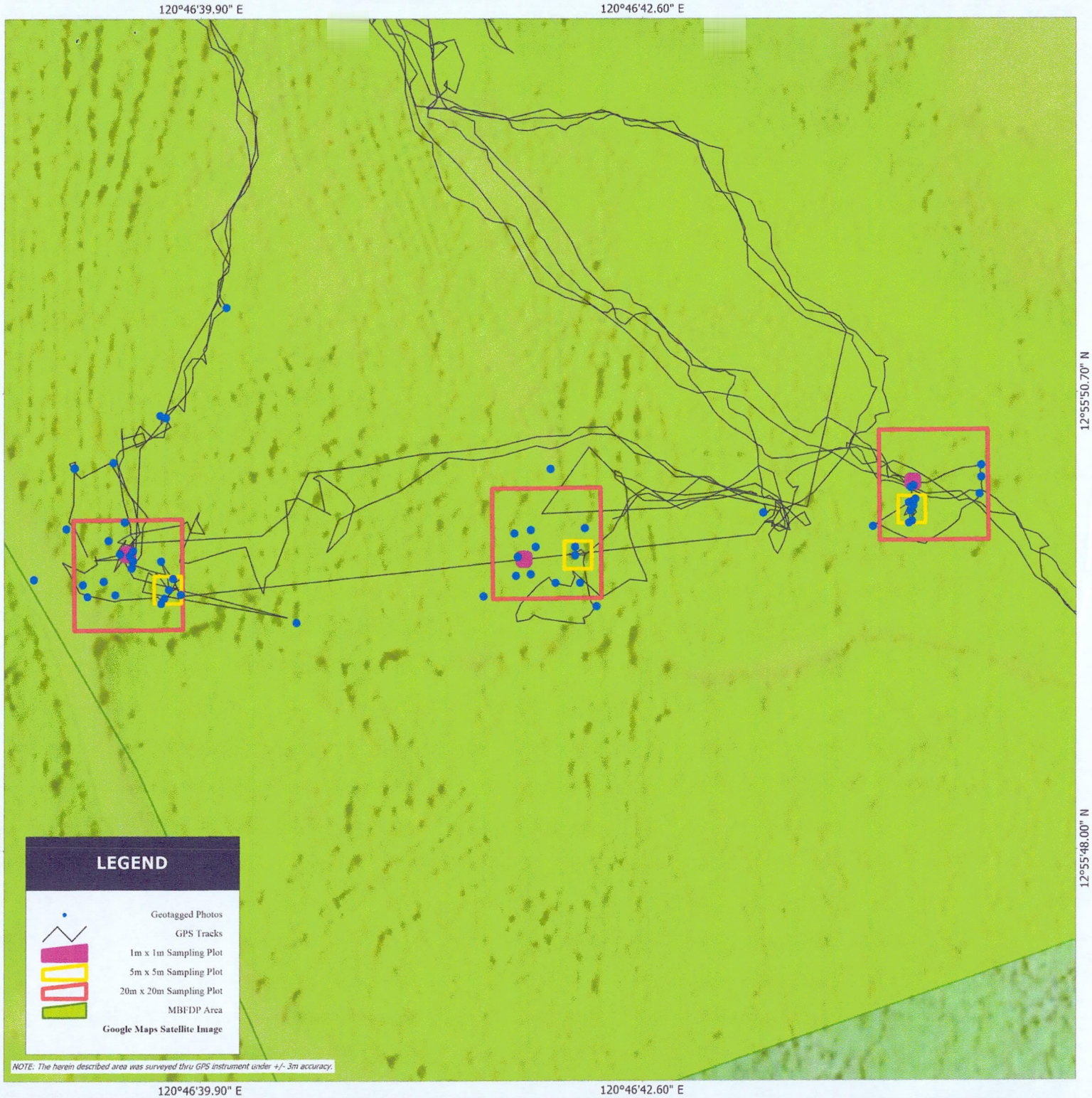
Prepared by:

DENNIS E. FERATERO
FT-I, GIS Operator

Checked by:

ALVIN B. SANICO
Forester II, Chief, CDS

30/08/2022



SKETCH MAP

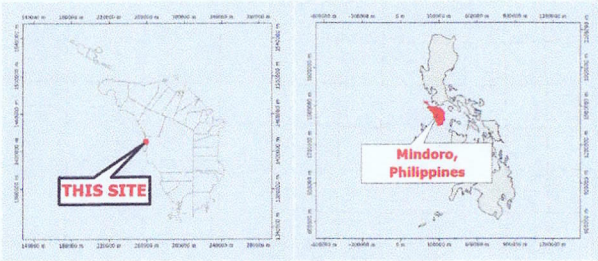
OF THE AREA OF THE

COASTAL VULNERABILITY ASSESSMENT FOR AMNAY-PATRICK WATERSHED

SAMPLING PLOTS

LOCATED AT:

BARANGAY : CLAUDIO SALGADO
MUNICIPALITY : SABLAYAN
PROVINCE : OCCIDENTAL MINDORO



LOCATION MAP

0 50 m

SCALE : 1:1000

Datum : World Geodetic 1984 (WGS84)
Coordinate System : Universal Transverse Mercator - Zone 51 (N)

Republic of the Philippines
DEPARTMENT OF ENVIRONMENT AND NATURAL REOSOURCES
MIMAROPA Region IV-B
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Brgy. Sto. Niño, Sablayan, Occidental Mindoro

C E R T I F I C A T I O N

We hereby certify that this is the correct map through GPS survey of the Sampling Plots (Transect 2) of the mangrove area assessed for Coastal Vulnerability Assessment for Amnay - Patrick Watershed located at Brgy. Claudio Salgado, Sablayan, Occidental Mindoro as described herein.

This map was prepared based from the submitted compilation sketch and other references available in the office.

Prepared by:

DENNIS E. FERATERO
FT-I, GIS Operator

Checked by:

ALVIN E. SANICO
Forester II, Chief, CDS

30/08/2022

SKETCH MAP

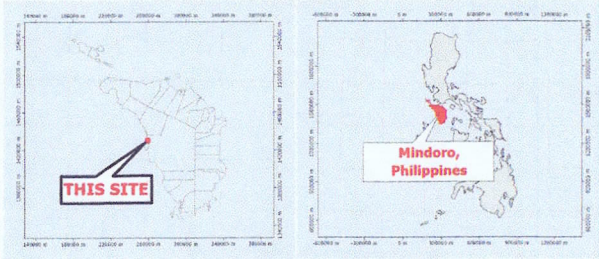
OF THE AREA OF THE

COASTAL VULNERABILITY ASSESSMENT FOR AMNAY-PATRICK WATERSHED

SAMPLING PLOTS

LOCATED AT:

BARANGAY : CLAUDIO SALGADO
MUNICIPALITY : SABLAYAN
PROVINCE : OCCIDENTAL MINDORO



LOCATION MAP

0 75 m

SCALE : 1:1500

Datum : World Geodetic 1984 (WGS84)
Coordinate System : Universal Transverse Mercator - Zone 51 (N)

Republic of the Philippines
DEPARTMENT OF ENVIRONMENT AND NATURAL REOSOURCES
MIMAROPA Region IV-B
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Brgy. Sto. Niño, Sablayan, Occidental Mindoro

CERTIFICATION

We hereby certify that this is the correct map through GPS survey of the Sampling Plots (Transect 3) of the mangrove area assessed for Coastal Vulnerability Assessment for Amnay - Patrick Watershed located at Brgy. Claudio Salgado, Sablayan, Occidental Mindoro as described herein.

This map was prepared based from the submitted compilation sketch and other references available in the office.

Prepared by:

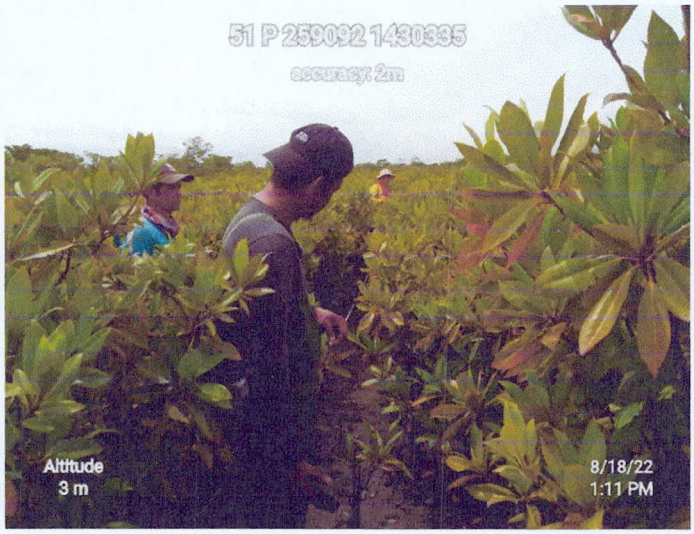
DENNIS E. FERATERO
FT-I, GIS Operator

Checked by:

ALVIN E. SANICO
Forester II, Chief, CDS

30/08/2022

PHOTO DOCUMENTATION



Geo-tagged pictures showing the team during the mangrove assessment at So. Pandan, Brgy. Claudio Salgado

PHOTO DOCUMENTATION

Pototan *(Bruguiera sexagula)*

Api-api *(Avicenia marina)*

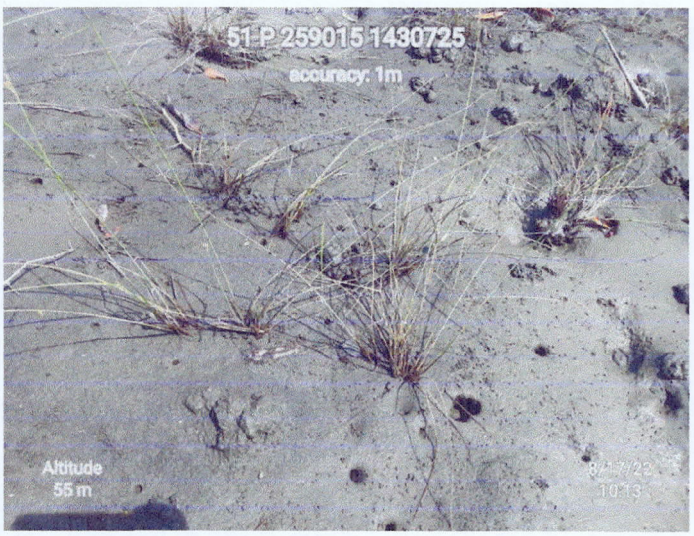
Bakawang Lalaki *(Rhizopora apiculata)*

PHOTO DOCUMENTATION

Asim asim *(Salacia chinensis)*

Pandan *(Pandanus tectorius)*

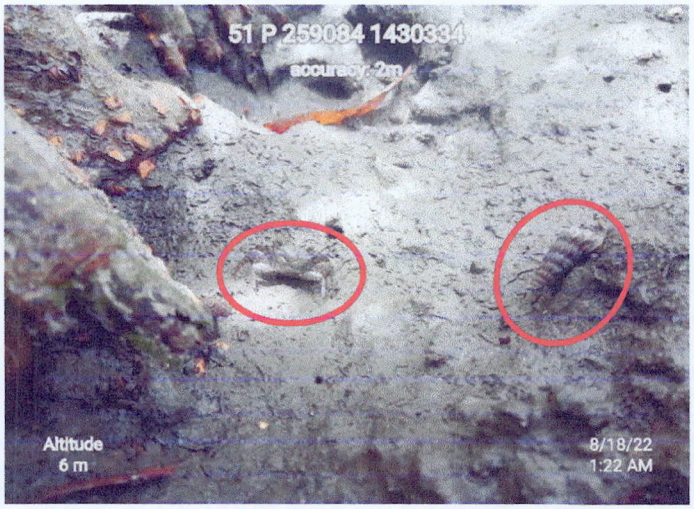
Palaypay *(Acrostichum aureum)*



Fimbristylis *(Fimbristylis spp.)*

Pagatpat *(Sonneratia alba)*

PHOTO DOCUMENTATION



Sihi *(Tylomelania spp.)* *and* Talangka *(Cardisoma spp.)*

Saka saka *(Cerithidea spp.)*

Fire ants *(Solinopsis spp)*

(Kuray) *Sundathelpusa spp.* fresh catch in the mangrove area

Talangka *(Cardisoma spp.)*

Field Data Sheet

Site Location TRANSECT 1 SEA WARD

Date: Time

	20 X 20			
No.	Species	Height cm	diameter cm	Remarks
1	Bakawang Lalaki			
2	〃			
3	〃			
4	〃			
5	〃			
6	〃			
7	〃			
8	〃			
9	〃			
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25	〃			
26	〃			
27	〃			
28	〃			
29	〃			
30	BAKAWANG LALAKI			

No.	Species	Height cm	diameter cm	Remarks
31	POTOTAN			
32	〃			
33	〃			
34	〃			
35	〃			
36	〃			
37	〃			
38	〃			
39	〃			
40	〃			
41	〃			
42	〃			
43	〃			
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55	〃			
56	〃			
57	〃			
58	〃			
59	〃			
60	BAKAWANG LALAKI			

Field Data Sheet

Site Location

Date:

Time

No.	Species	Height cm	diameter cm	Remarks
1	BAKAWAN	LALAKI		
2	"			
3	"			
4	"			
5	"			
6	"			
7	"			
8	"			
9	"			
10	"			
11	"			
12	"			
13	"			
14	"			
15	"			
16	"			
17	"			
18	"			
19	"			
20	"			
21	"			
22	"			
23	"			
24	"			
25	"			
26	"			
27	"			
28	"			
29	"			
30	BAKAWAN	LALAKI		

No.	Species	Height cm	diameter cm	Remarks
31	BAKAWAN	LALAKI		
32	"			
33	"			
34	"			
35	"			
36	"			
37	"			
38	"			
39	"			
40	"			
41	"			
42	"			
43	POTOTAN			
44	"			
45	"			
46	"			
47	"			
48	"			
49	"			
50	"			
51	"			
52	"			
53	"			
54	"			
55	"			
56	"			
57	"			
58	"			
59	"			
60	"			

102

Field Data Sheet

Site Location

Date:

Time

No.	Species	Height cm	diameter cm	Remarks
1	DOTOTAN			
2	"			
3	"			
4	"			
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

No.	Species	Height cm	diameter cm	Remarks
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
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57				
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Field Data Sheet

Site Location TRANSECT 1 SEAWARD

Date: Time

	5X5			
No.	Species	Height cm	diameter cm	Remarks
1	BAKAWANG LALAKI			
2	〃			
3	〃			
4	〃			
5	〃			
6	〃			
7	〃			
8	〃			
9	〃			
10	〃			
11	〃			
12	BAKAWAN LALAKI			
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

No.	Species	Height cm	diameter cm	Remarks
31	〃			
32				
33				
34				
35				
36				
37	〃			
38	〃			
39	〃			
40	〃			
41	〃			
42	〃			
43	〃			
44				
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FAUNA 1X1

Field Data Sheet

Site Location TRANSECT 1 SEAWARD Date: Time:

No.	Species	Remarks
1	ALIMASAG/CRAB	7
2	SHELL/SIHI	4
3	ANT COLONY/	100+
4	TAMBASAKAN/ MUDSKIPPER	9
5	OMANG/HERMIT CRAB	1
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

No.	Species	Remarks
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
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57		
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Field Data Sheet

Site Location: Transect 1 middle 20x20 | Date: | Time

No.	Species	Height cm	diameter cm	Remarks
1	bakhaw kalalki			
2	———	———	———	———
3	Transect 1 middle 5X5			
4	Asim-asim			
5	bakhaw kalalki			
6	〃			
7	〃			
8	〃			
9	〃			
10	〃			
11	〃			
12	〃			
13	〃			
14	〃			
15	〃			
16	〃			
17	〃			
18	〃			
19	〃			
20	〃			
21	〃			
22	〃			
23	〃			
24	〃			
25	〃			
26	〃			
27	〃			
28	〃			
29				
30				

No.	Species	Height cm	diameter cm	Remarks
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
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57				
58				
59				
60				

Field Data Sheet

Site Location Transect 1 middle 20×20 Date: Time

No.	Species	Height cm	diameter cm	Remarks
1	bakhaw lalaki			
2	"			
3	"			
4	"			
5	"			
6	"			
7	"			
8	"			
9	"			
10	"			
11	"			
12	"			
13	"			
14	"			
15	"			
16	"			
17	"			
18	"			
19	"			
20	"			
21	"			
22	"			
23	"			
24	"			
25	"			
26	"			
27	"			
28	"			
29	"			
30	bakhaw lalaki			

No.	Species	Height cm	diameter cm	Remarks
31	bakhaw lalaki			
32	"			
33	"			
34	"			
35	"			
36	"			
37	"			
38	"			
39	"			
40	"			
41	"			
42	"			
43	"			
44	"			
45	"			
46	"			
47	"			
48	"			
49	"			
50	"			
51	"			
52	"			
53	"			
54	"			
55	"			
56	"			
57	"			
58	"			
59	"			
60	bakhaw lalaki			

Field Data Sheet

Site Location 20x20 Date: Time

	Transect	1	middle	
No.	Species	Height cm	diameter cm	Remarks
1	bakkaw lalaki			
2	〃			
3	〃			
4	〃			
5	〃			
6	〃			
7	〃			
8	〃			
9	〃			
10	〃			
11	〃			
12	〃			
13	〃			
14	〃			
15	〃			
16	〃			
17	〃			
18	〃			
19	〃			
20	〃			
21	〃			
22	〃			
23	〃			
24	〃			
25	〃			
26	〃			
27	〃			
28	〃			
29	〃			
30	bakkaw lalaki			

No.	Species	Height cm	diameter cm	Remarks
31	bakkaw lalaki			
32	〃			
33	〃			
34	〃			
35	〃			
36	〃			
37	〃			
38	〃			
39	〃			
40	〃			
41	〃			
42	〃			
43	〃			
44	〃			
45	〃			
46	〃			
47	〃			
48	〃			
49	〃			
50	〃			
51	〃			
52	〃			
53	〃			
54	〃			
55	〃			
56	〃			
57	〃			
58	〃			
59	〃			
60	bakkaw lalaki	184	4.8	

Field Data Sheet

Site Location Transect 1 middle 30×30 Date: Time

No.	Species	Height cm	diameter cm	Remarks
1	bakhaw babi	435	5.2	
2				
3	transect	1	middle	5X5
4	asin asin	120	0.3	
5	bakhaw babi	90	.3	
6				
7	transect	1	middle	1 X 1
8	sihi			
9	sihi			
10	saka-saka			
11	saka-saka			
12	saka-saka			
13	saka-saka			
14	talangka			
15	talangka			
16	talangka			
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

No.	Species	Height cm	diameter cm	Remarks
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
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56				
57				
58				
59				
60				

Field Data Sheet

Site Location Transect 1 Cardboard 20x20

Date: Time

No.	Species	Height cm	diameter cm	Remarks
1	potato			
2	"			
3	"			
4	"			
5	"			
6	"			
7	"			
8	"			
9	"			
10	"			
11	"			
12	"			
13	"			
14	"			
15	"			
16	"			
17	"			
18	"			
19	"			
20	"			
21	"			
22	"			
23	potato			
24				
25				
26				
27				
28				
29				
30				

No.	Species	Height cm	diameter cm	Remarks
31	Transect 1 Cardboard			1 X 1
32	potato			
33	"			
34	"			
35	"			
36	"			
37	"			
38	"			
39	"			
40	"			
41	"			
42	potato			
43	grass (Fimbristylis)			
44	grass			
45	"			
46	"			
47	"			
48	"			
49	"			
50	"			
51	grass (Fimbristylis)			
52				
53				
54				
55				
56				
57				
58				
59				
60				

Ha 30

Field Data Sheet

Site Location Transect 1 Cardboard 20x20

Date: Time

No.	Species	Height cm	diameter cm	Remarks
1	potatan			
2	"			
3	"			
4	"			
5	"			
6	"			
7	"			
8	"			
9	"			
10	"			
11	"			
12	"			
13	"			
14	"			
15	"			
16	"			
17	"			
18	"			
19	"			
20	"			
21	"			
22	"			
23	"			
24	"			
25	"			
26	"			
27	"			
28	"			
29	"			
30	potatan			

No.	Species	Height cm	diameter cm	Remarks
31	potatan			
32	"			
33	"			
34	"			
35	"			
36	"			
37	"			
38	"			
39	"			
40	"			
41	"			
42	"			
43	"			
44	"			
45	"			
46	"			
47	"			
48	"			
49	"			
50	"			
51	"			
52	"			
53	"			
54	"			
55	"			
56	"			
57	"			
58	"			
59	"			
60	potatan			

8 9

Field Data Sheet

Site Location: Transect 1 windward (X1) Date: Time:

No.	Species	Remarks
1	tolongka	
2	tolongka	
3	umang	
4	tolongka	
5	siki	
6	siki	
7	tolongka	
8	umang	
9	umang	
10	saka-saka	
11	saka-saka	
12	saka-saka	
13	saka-saka	
14	siki	
15	saka-saka	
16	umang	
17	tolongka	
18	tolongka	
19	tolongka	
20	tolongka	
21	umang	
22	umang	
23	tolongka	
24		
25		
26		
27		
28		
29		
30		

No.	Species	Remarks
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
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39

1X1

Field Data Sheet

Site Location TRANSEC 1 LAND WARD Date: Time:

No.	Species	Remarks
1	SHELLS	8
2	CRABS	1
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

No.	Species	Remarks
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
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58		
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39

Field Data Sheet

Site Location: TRANSECT 2 SEAWARD

Date:

Time

	20X20			
No.	Species	Height cm	diameter cm	Remarks
1	BAKAWANG LALAKI			
2	〃			
3	〃			
4	〃			
5	〃			
6	〃			
7	〃			
8	〃			
9	〃			
10	〃			
11	〃			
12	〃			
13	〃			
14	〃			
15	〃			
16	〃			
17	〃			
18	〃			
19	〃			
20	〃			
21	〃			
22	〃			
23	〃			
24	〃			
25	〃			
26	〃			
27	〃			
28	〃			
29	〃			
30	BAKAWANG LALAKI			

45

No.	Species	Height cm	diameter cm	Remarks
31	~~API-API~~			
32	〃			
33	〃			
34	〃			
35	〃			
36	〃			
37	〃			
38	〃			
39	〃			
40	POTOTAN			
41	〃			
42	〃			
43	〃			
44	〃			
45	〃			
46	〃			
47	〃			
48	〃			
49	〃			
50	〃			
51	〃			
52	〃			
53	〃			
54	〃			
55	〃			
56	〃			
57	〃			
58	〃			
59	〃			
60	POTOTAN			

24

25

Field Data Sheet

Site Location TRANSECT 2 SEAWARD

Date: Time

5X5

No.	Species	Height cm	diameter cm	Remarks
1	BAKAWANG LAKI			
2	〃			
3	〃			
4	〃			
5	〃			
6	〃			
7	〃			
8	〃			
9	〃			
10	〃			
11	〃			
12	〃			
13	〃			
14	〃			
15	〃			
16	〃			
17	〃			
18	〃			
19	〃			
20	〃			
21	〃			
22	〃			
23	〃			
24	〃			
25	〃			
26	〃			
27	〃			
28	〃			
29	〃			
30	BAKAWANG LAKI			

32

No.	Species	Height cm	diameter cm	Remarks
31	POTOTAN			
32	〃			
33	〃			
34	〃			
35	〃			
36	〃			
37	〃			
38	〃			
39	〃			
40	POTOTAN			
41				
42				
43				
44				
45				
46				
47				
48				
49				
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56				
57				
58				
59				
60				

10

Field Data Sheet

Site Location FAUNA 1X1 TRANSECT 2 STANDARD

Date: Time:

No.	Species	Remarks
1	CRABS	3
2	SHELLS	31
3	ANT COLONY	100+
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

No.	Species	Remarks
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
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56		
57		
58		
59		
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Field Data Sheet

Site Location TRANSECT 2 MIDDLE

Date:

Time

	20X20			
No.	Species	Height cm	diameter cm	Remarks
1	POTOTAN			
2	〃			
3	〃			
4	〃			
5	〃			
6	〃			
7	〃			
8	〃			
9	〃			
10	〃			
11	〃			
12	〃			
13	〃			
14	〃			
15	POTOTAN			
16	BAKAWAN LALAKI			
17	〃			
18	〃			
19	〃			
20	〃			
21	〃			
22	〃			
23	〃			
24	〃			
25	〃			
26	〃			
27	〃			
28	〃			
29	〃			
30	BAKAWAN LALAKI			

No.	Species	Height cm	diameter cm	Remarks
31	BAKAWAN LALAKI			
32	〃			
33	〃			
34	〃			
35	〃			
36	〃			
37	〃			
38	BAKAWAN	LALAKI		
39	API-API			
40	〃			
41	〃			
42	〃			
43	〃			
44	〃			
45	〃			
46	〃			
47	〃			
48	〃			
49	〃			
50	API-API			
51				
52				
53				
54				
55				
56				
57				
58				
59				
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20 X 20

Field Data Sheet

Site Location Transect 2 MIDDLE WARD Date: Time

No.	Species	Height cm	diameter cm	Remarks
1	POTOTAN			
2	11			
3	11			
4	11			
5	11			
6	11			
7	11			
8	11			
9	11			
10	11			
11	11			
12	11			
13	11			
14	11			
15	11			
16	11			
17	11			
18	11			
19	11			
20	11			
21	11			
22	11			
23	11			
24	11			
25	11			
26	11			
27	11			
28	11			
29	11			
30	POTOTAN			

30

No.	Species	Height cm	diameter cm	Remarks
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
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57				
58				
59				
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Field Data Sheet

Site Location TRANSECT 2 MIDDLE

Date:

Time

	5X5			
No.	Species	Height cm	diameter cm	Remarks
1	POTOTAN			
2	〃			
3	〃			
4	〃			
5	〃			
6	〃			
7	〃			
8	〃			
9	〃			
10	〃			
11	〃			
12	〃			
13	〃			
14	〃			
15	POTOTAN			
16	〃			
17	〃			
18	〃			
19	〃			
20	〃			
21	〃			
22	〃			
23	〃			
24	〃			
25	〃			
26				
27				
28				
29				
30				

No.	Species	Height cm	diameter cm	Remarks
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
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57				
58				
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FAUNA 1x1 **Field Data Sheet**

Site Location TRANSECT 2 MIDDLE Date: Time:

No.	Species	Remarks
1	SHELLS	20
2	CRABS	2
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

No.	Species	Remarks
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
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Field Data Sheet

transect 2 Landward

Site Location

Date:

Time

No.	Species	Height cm	diameter cm	Remarks
1	Pagatpat			
2	Pagatpat			
3	Pototan			
4	〃			
5	〃			
6	〃			
7	〃			
8	〃			
9	〃			
10	〃			
11	〃			
12	〃			
13	〃			
14	〃			
15	〃			
16	〃			
17	〃			
18	〃			
19	〃			
20	〃			
21	〃			
22	〃			
23	〃			
24	〃			
25	〃			
26	〃			
27	〃			
28	〃			
29	〃			
30	〃			

No.	Species	Height cm	diameter cm	Remarks
31	〃			
32	〃			
33	〃			
34	〃			
35	〃			
36	〃			
37	〃			
38	〃			
39	〃			
40	〃			
41	〃			
42	〃			
43	〃			
44	〃			
45	〃			
46	〃			
47	〃			
48	〃			
49	〃			
50	〃			
51	〃			
52	〃			
53	〃			
54	〃			
55	〃			
56	〃			
57	〃			
58	〃			
59	〃			
60	〃			

30

Field Data Sheet

Site Location

Date:

Time

No.	Species	Height cm	diameter cm	Remarks
1	Rotan			
2	〃			
3	〃			
4	〃			
5	〃			
6	〃			
7	〃			
8	〃			
9	〃			
10	〃			
11	〃			
12	〃			
13	〃			
14	〃			
15	〃			
16	〃			
17	〃			
18	〃			
19	〃			
20	〃			
21	〃			
22	〃			
23	〃			
24	〃			
25	〃			
26	〃			
27	〃			
28	〃			
29	〃			
30	〃			

No.	Species	Height cm	diameter cm	Remarks
31	Rotan			
32	〃			
33	〃			
34	〃			
35	〃			
36	〃			
37	〃			
38	〃			
39	〃			
40	〃			
41	〃			
42	〃			
43	〃			
44	〃	= Dagutpat		(2)
45		Rotan		(103)
46	5X5			
47	Rotan			
48	〃			
49	〃			
50	〃			
51	〃			
52	〃			
53	〃			
54	〃			
55	〃			
56	〃	- Rotan		(11)
57	〃			
58	1X1			
59	Crab	= (3)		
60	Sibi	= (5)		

Field Data Sheet

Transect 3 Seaward

Site Location 20x20 Date: Time

No.	Species	Height cm	diameter cm	Remarks
1	Pototan			
2	〃			
3	〃			
4	〃			
5	〃			
6	〃			
7	〃			
8	〃			
9	〃			
10	〃			
11	Pagatpat			
12	Pototan			
13	〃			
14	〃			
15	〃			
16	Bakauan Lalaki			
17	〃			
18	Pototan			
19	〃			
20	〃			
21	〃			
22	〃			
23	Bakauan Lalaki			
24	〃			
25	〃			
26	〃			
27	〃			
28	〃			
29	〃			
30	〃			

No.	Species	Height cm	diameter cm	Remarks
31	Bakauan Lalaki			
32	〃			
33	〃			
34	〃			
35	Pototan			
36	〃			
37	〃			
38	〃			
39	〃			
40	〃			
41	〃			
42	〃			
43	〃			
44	〃			
45	〃			
46	〃			
47	〃			
48	〃			
49	〃			
50	〃			
51	〃			
52	〃			
53	〃			
54	〃			
55	〃			
56	〃			
57	〃			
58	〃			
59	〃			
60	〃			

Field Data Sheet

Transect 3 Seaward

Site Location 20X20 Date: Time

No.	Species	Height cm	diameter cm	Remarks
1	Pototan			
2	〃			
3	〃			
4	〃			
5	〃			
6	〃			
7	〃			
8	〃			
9	〃			
10	〃			
11	〃			
12	〃			
13	〃			
14	〃			
15	〃	Bakawan Lalaki (1)		
16	〃	= Pototan (62)		
17	〃	Pagatpat (1)		
18				
19	5X5			
20	Pototan			
21	〃			
22	〃			
23	〃			
24	〃			
25	〃			
26	〃			
27	〃			
28	〃			
29	〃			
30	〃			

No.	Species	Height cm	diameter cm	Remarks
31	Pototan			
32	〃			
33	〃			
34	〃			
35	〃			
36	〃			
37	〃			
38	〃			
39	〃			
40	〃			
41	〃			
42	〃			
43	〃			
44	〃			
45	〃			
46	〃			
47	〃			
48	〃			
49	〃			
50	〃			
51	〃			
52	〃			
53	〃			
54	〃	= Pototan (35)		
55				
56	1X1			
57	0 – malahm			
58				
59				
60				

Field Data Sheet

Site Location transect 3 middle 20x20

Date: Time

No.	Species	Height cm	diameter cm	Remarks
1	pototon			
2	"			
3	"			
4	"			
5	"			
6	"			
7	"			
8	"			
9	"			
10	"			
11	"			
12	"			
13	"			
14	"			
15	"			
16	"			
17	"			
18	"			
19	"			
20	"			
21	"			
22	"			
23	"			
24	"			
25	"			
26	"			
27	"			
28	"			
29	"			
30	pototon			

No.	Species	Height cm	diameter cm	Remarks
31	pototon			
32	"			
33	"			
34	"			
35	"			
36	"			
37	"			
38	"			
39	"			
40	"			
41	"			
42	"			
43	"			
44	"			
45	"			
46	"			
47	"			
48	"			
49	"			
50	"			
51	"			
52	"			
53	"			
54	"			
55	"			
56	"			
57	"			
58	"			
59	"			
60	pototon			

Field Data Sheet

Site Location: transect 3 middle 20x20

Date:

Time

No.	Species	Height cm	diameter cm	Remarks
1	pohon			
2	"			
3	"			
4	"			
5	"			
6	"			
7	"			
8	"			
9	"			
10	"			
11	"			
12	"			
13	"			
14	"			
15	"			
16	"			
17	"			
18	"			
19	"			
20	"			
21	"			
22	"			
23	"			
24	"			
25	"			
26	"			
27	"			
28	"			
29	"			
30	pohon			

No.	Species	Height cm	diameter cm	Remarks
31	pohon			
32	"			
33	"			
34	"			
35	"			
36	"			
37	"			
38	"			
39	"			
40	pohon			
41	"			
42	transect 3	middle	20x20	
43	asin-asin			
44	asin-asin			
45	asin-asia			
46	asia-asin			
47		5x5		
48	Pohon =	(23)		
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				

page 6

Field Data Sheet

Site Location Transect 3 middle 20x20 Date: Time

No.	Species	Height cm	diameter cm	Remarks
1	potatan			
2	"			
3	"			
4	"			
5	"			
6	"			
7	"			
8	"			
9	"			
10	"			
11	"			
12	"			
13	"			
14	"			
15	"			
16	"			
17	"			
18	"			
19	"			
20	"			
21	"			
22	"			
23	"			
24	"			
25	"			
26	"			
27	"			
28	"			
29	"			
30	potatan			

No.	Species	Height cm	diameter cm	Remarks
31	potatan			
32	"			
33	"			
34	"			
35	"			
36	"			
37	"			
38	"			
39	"			
40	"			
41	"			
42	"			
43	"			
44	"			
45	"			
46	"			
47	"			
48	"			
49	"			
50	"			
51	"			
52	"			
53	"			
54	"			
55	"			
56	"			
57	"			
58	"			
59	"			
60	potatan			

Field Data Sheet

Site Location Transect 3 middle 20x20 Date: Time

No.	Species	Height cm	diameter cm	Remarks
1	potofan			
2	"			
3	"			
4	"			
5	"			
6	"			
7	"			
8	"			
9	"			
10	"			
11	"			
12	"			
13	"			
14	"			
15	"			
16	"			
17	"			
18	"			
19	"			
20	"			
21	"			
22	"			
23	"			
24	"			
25	"			
26	"			
27	"			
28	"			
29	"			
30	potofan			

No.	Species	Height cm	diameter cm	Remarks
31	potofan			
32	"			
33	"			
34	"			
35	"			
36	"			
37	"			
38	"			
39	"			
40	"			
41	"			
42	"			
43	"			
44	"			
45	"			
46	"			
47	"			
48	"			
49	"			
50	"			
51	"			
52	"			
53	"			
54	"			
55	"			
56	"			
57	"			
58	"			
59	"			
60	potofan			

Field Data Sheet

Site Location Transect 3 middle 20×20 Date: Time

No.	Species	Height cm	diameter cm	Remarks
1	potatan			
2	〃			
3	〃			
4	〃			
5	〃			
6	〃			
7	〃			
8	〃			
9	〃			
10	〃			
11	〃			
12	〃			
13	〃			
14	〃			
15	〃			
16	〃			
17	〃			
18	〃			
19	〃			
20	〃			
21	〃			
22	〃			
23	〃			
24	〃			
25	〃			
26	〃			
27	〃			
28	〃			
29	〃			
30	potatan			

No.	Species	Height cm	diameter cm	Remarks
31	potatan			
32	〃			
33	〃			
34	〃			
35	〃			
36	〃			
37	〃			
38	〃			
39	〃			
40	〃			
41	〃			
42	〃			
43	〃			
44	〃			
45	〃			
46	〃			
47	〃			
48	〃			
49	〃			
50	〃			
51	〃			
52	〃			
53	〃			
54	〃			
55	〃			
56	〃			
57	〃			
58	〃			
59	〃			
60	potatan			

Field Data Sheet

Transect = middle 20x20

Site Location

Date:

Time

No.	Species	Height cm	diameter cm	Remarks
1	potatoa			
2	"			
3	"			
4	"			
5	"			
6	"			
7	"			
8	"			
9	"			
10	"			
11	"			
12	"			
13	"			
14	"			
15	"			
16	"			
17	"			
18	"			
19	"			
20	"			
21	"			
22	"			
23	"			
24	"			
25	"			
26	"			
27	"			
28	"			
29	"			
30	potatoa			

No.	Species	Height cm	diameter cm	Remarks
31	potatoa			
32	"			
33	"			
34	"			
35	"			
36	"			
37	"			
38	"			
39	"			
40	"			
41	"			
42	"			
43	"			
44	"			
45	"			
46	"			
47	"			
48	"			
49	"			
50	"			
51	"			
52	"			
53	"			
54	"			
55	"			
56	"			
57	"			
58	"			
59	"			
60	potatoa			

Field Data Sheet

Site Location Transect 2 middle 1 x 1 Date: Time:

No.	Species	Remarks
1	sihi	
2	sihi	
3	salca-salca	
4	talangka	
5	talangka	
6	sihi	
7	salca-salca	
8	talangka	
9	talangka	
10	talangka	
11	salca-salca	
12	salca-salca	
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

No.	Species	Remarks
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
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53		
54		
55		
56		
57		
58		
59		
60		

1 X 1

Field Data Sheet

Site Location TRANSECT 3 LAND WARD Date: Time:

No.	Species	Remarks
1	SHELLS	3
2	"	
3	"	
4	CRABS	3
5	"	
6	"	
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

No.	Species	Remarks
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
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53		
54		
55		
56		
57		
58		
59		
60		

Field Data Sheet

20x20

Site Location LAND WARD 3

Date: Time

No.	Species	Height cm	diameter cm	Remarks
1	POTOTAN			
2	〃			
3	〃			
4	〃			
5	〃			
6	〃			
7	〃			
8	〃			
9	〃			
10	〃			
11	〃			
12	〃			
13	〃			
14	〃			
15	〃			
16	〃			
17	〃			
18	〃			
19	〃			
20	〃			
21	〃			
22	〃			
23	〃			
24	〃			
25	〃			
26	〃			
27	〃			
28	〃			
29	〃			
30	POTOTAN			

202

No.	Species	Height cm	diameter cm	Remarks
31	POTOTAN			
32	〃			
33	〃			
34	〃			
35	〃			
36	〃			
37	〃			
38	〃			
39	〃			
40	〃			
41	〃			
42	〃			
43	〃			
44	〃			
45	〃			
46	〃			
47	〃			
48	〃			
49	〃			
50	〃			
51	〃			
52	〃			
53	〃			
54	〃			
55	〃			
56	〃			
57	〃			
58	〃			
59	〃			
60	〃			

Field Data Sheet

Site Location

Date:

Time

No.	Species	Height cm	diameter cm	Remarks
1	POTOTAN			
2	"			
3	"			
4	"			
5	"			
6	"			
7	"			
8	"			
9	"			
10	"			
11	"			
12	"			
13	"			
14	"			
15	"			
16	"			
17	"			
18	"			
19	"			
20	"			
21	"			
22	"			
23	"			
24	"			
25	"			
26	"			
27	"			
28	"			
29	"			
30	"			

No.	Species	Height cm	diameter cm	Remarks
31	POTOTAN			
32	"			
33	"			
34	"			
35	"			
36	"			
37	"			
38	"			
39	"			
40	"			
41	"			
42	"			
43	"			
44	"			
45	"			
46	"			
47	"			
48	"			
49	"			
50	"			
51	"			
52	"			
53	"			
54	"			
55	"			
56	"			
57	"			
58	"			
59	"			
60	"			

Field Data Sheet

Site Location

Date:

Time

No.	Species	Height cm	diameter cm	Remarks
1	POTOTAN			
2	"			
3	"			
4	"			
5	"			
6	"			
7	"			
8	"			
9	"			
10	"			
11	"			
12	"			
13	"			
14	"			
15	"			
16	"			
17	"			
18	"			
19	"			
20	"			
21	"			
22	"			
23	"			
24	"			
25	"			
26	"			
27	"			
28	"			
29	"			
30	"			

No.	Species	Height cm	diameter cm	Remarks
31	POTOTAN			
32	"			
33	"			
34	"			
35	"			
36	"			
37	"			
38	"			
39	"			
40	"			
41	"			
42	"			
43	"			
44	"			
45	"			
46	"			
47	"			
48	"			
49	"			
50	"			
51	"			
52	"			
53	"			
54	"			
55	"			
56	"			
57	"			
58	"			
59	"			
60	"			

Field Data Sheet

Site Location

Date:

Time

No.	Species	Height cm	diameter cm	Remarks
1	POTOTAN	202		
2	〃			
3	AROMA			
4	〃			
5	〃			
6	〃			
7	〃			
8	〃			
9	〃			
10	〃			
11	〃			
12	〃			
13	〃			
14	〃			
15	〃			
16	〃			
17	〃			
18	〃			
19	〃			
20	〃			
21	〃			
22	〃			
23	〃			
24	〃			
25	〃			
26	〃			
27	〃			
28	〃			
29	〃			
30	〃			

No.	Species	Height cm	diameter cm	Remarks
31	AROMA	31		
32	〃			
33	〃			
34	PANDAN			
35	〃			
36	〃			
37	〃			
38	〃			
39	〃	14		
40	〃			
41	〃			
42	〃			
43	〃			
44	〃			
45	〃			
46	〃			
47	〃	3		
48	IPIL			
49	〃			
50	〃			
51	BALIBAGO	1		
52	PAGATPAT	1		
53				
54				
55				
56				
57				
58				
59				
60				

5X5 Field Data Sheet

Site Location: TRANSECT 3 LANDWARD Date: Time

No.	Species	Height cm	diameter cm	Remarks
1	ASIM-ASIM		4	
2	〃			
3	〃			
4	〃			
5	TERU/DAKO		3	
6	〃			
7	〃			
8	POTOTAN			
9	〃			
10	〃			
11	〃		1	
12	〃			
13	〃			
14	〃			
15	〃			
16	〃			
17	RENDAN		4	
18	〃			
19	〃			
20	〃			
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

No.	Species	Height cm	diameter cm	Remarks
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
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56				
57				
58				
59				
60				

1 X 1

Field Data Sheet

Site Location TRANSECT 3 LAND WARD Date: Time:

No.	Species	Remarks
1	SHELLS	3
2	"	
3	"	
4	CRABS	3
5	"	
6	"	
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

No.	Species	Remarks
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
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