Intertek

QUALITY CONTROL - ACCURACY

Job Number : EV130335

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season ANDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

No	Description	Units	Detection Limit	Blank	Reference Material		% Recovery
					Expected Value	Result	
	Dissolved Metals						
1	Arsenic, As	mg/L	0.0005	<0.0005	0.347	0.377	109%
2	Barium, Ba	mg/L	0.1	<0.1	2.4	2.3	99%
3	Boron, B	mg/L	0.1	<0.1	1.7	1.6	98%
4	Cadmium, Cd	mg/L	0.0001	<0.0001	0.427	0.428	100%
5	Chromium Hexavalent, Cr^{6+}	mg/L	0.002	<0.002	0.285	0.290	102%
6	Cobalt, Co	mg/L	0.02	<0.02	0.36	0.37	101%
7	Copper, Cu	mg/L	0.01	<0.01	0.217	0.214	99%
8	Iron, Fe	mg/L	0.05	<0.05	1.07	0.98	91%
9	Lead, Pb	mg/L	0.001	<0.001	0.754	0.747	99%
10	Manganese, Mn	mg/L	0.01	<0.01	1.86	1.85	99%
11	Mercury, Hg	mg/L	0.00005	<0.00005	0.0173	0.0183	106%
12	Nickel, Ni	mg/L	0.001	<0.001	0.507	0.514	101%
13	Selenium, Se	mg/L	0.0005	<0.0005	1.62	1.69	104%
14	Zinc, Zn	mg/L	0.005	<0.005	0.975	1.01	104%
	Miscellaneous						
1	Biochemical Oxygen Demand, BOD_5	mg/L	2	<2	49	45	91%
2	Chemical Oxygen Demand, COD	mg/L	2	<2	80	78	98%
3	Chlorine, Cl_2	mg/L	0.01	<0.01	-	-	-
4	Dissolved Oxygen, DO [1]	mg/L	-	-	-	-	-
5	Oil & Grease, Spike	mg/L	1	<1	428	419	98%
6	Surfactants, MBAS	mg/L	0.01	<0.01	0.35	0.34	98%
7	Total Phenols	mg/L	0.001	<0.001	0.541	0.551	102%
	Organics**						
	Spike Recovery (PAH)**						
1	Naphthalene	mg/L	0.0001	< 0.0001	-	-	71%
2	Acenaphthene	mg/L	0.0001	< 0.0001	-	-	74%
3	Phenanthrene	mg/L	0.0001	< 0.0001	-	-	84%
4	Pyrene	mg/L	0.0001	< 0.0001	-	-	80%
5	Chrysene	mg/L	0.0001	< 0.0001	-	-	86%
6	Benz(a)pyrene	mg/L	0.0001	< 0.0001	-	-	75%

QUALITY CONTROL - ACCURACY

Job Number : EV130335

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

No	Description	Units	Detection Limit	Blank	Reference Material		% Recovery
					Expected Value	Result	
	Total Metals (Sediment)						
1	Antimony, Sb	mg/dry Kg	0.01	<0.01	-	-	-
2	Arsenic, As	mg/dry Kg	0.01	<0.01	237	218	92%
3	Cadmium, Cd	mg/dry Kg	0.1	<0.1	191	185	97%
4	Chromium, Cr	mg/dry Kg	1	<1	128	129	101%
5	Copper, Cu	mg/dry Kg	0.2	<0.2	123	116	94%
6	Lead, Pb	mg/dry Kg	1	<1	103	97	94%
7	Mercury, Hg	mg/dry Kg	0.001	<0.001	12.4	12.0	97%
8	Nickel, Ni	mg/dry Kg	0.4	<0.4	118	117	99%
9	Selenium, Se	mg/dry Kg	0.01	<0.01	110	101	92%
10	Silver, Ag	mg/dry Kg	0.4	<0.4	-	-	-
11	Zinc, Zn	mg/dry Kg	0.1	<0.1	183	199	109%
	Organic Tests						
1	TPH	mg/dry Kg	2	<2	2050	2180	106%

Note: 1) = Field Measurement

Intertek

Job Number : EV130464

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

Laboratory Sample I.D :				EV130464-33	EV130464-34	EV130464-35
Customer Sample I.D :				OS 02 B	OS 04 B	FOS 04 B
Date Sampled :				23-Apr-13	23-Apr-13	23-Apr-13
Sample Matrix :				Sediment	Sediment	Sediment
No.	**Test Description**	**Unit**	**Technique**	**Results**	**Results**	**Results**
	Total Metals					
1	Antimony, Sb	mg/dry Kg	HVAAS	0.62	0.75	0.50
2	Arsenic, As	mg/dry Kg	HVAAS	25.8	38.4	12.7
3	Cadmium, Cd	mg/dry Kg	FAAS	<0.1	<0.1	<0.1
4	Chromium, Cr	mg/dry Kg	FAAS	9	16	7
5	Copper, Cu	mg/dry Kg	FAAS	<0.2	<0.2	<0.2
6	Lead, Pb	mg/dry Kg	FAAS	12	11	4
7	Mercury, Hg	mg/dry Kg	CVAAS	0.006	0.005	0.006
8	Nickel, Ni	mg/dry Kg	FAAS	10.3	14.6	8.4
9	Selenium, Se	mg/dry Kg	HVAAS	<0.01	0.04	<0.01
10	Silver, Ag	mg/dry Kg	FAAS	<0.4	<0.4	<0.4
11	Zinc, Zn	mg/dry Kg	FAAS	26.8	36.8	18.1
	Organic Tests					
1	TPH	mg/dry Kg	GC-FID	<2	<2	<2

Intertek

Job Number : EV130464

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

Laboratory Sample I.D :				EV130464-36	EV130464-37	EV130464-38
Customer Sample I.D :				OS 05	OS 13 B	OS 11
Date Sampled :				23-Apr-13	24-Apr-13	24-Apr-13
Sample Matrix :				Sediment	Sediment	Sediment
No.	**Test Description**	**Unit**	**Technique**	**Results**	**Results**	**Results**
	Total Metals					
1	Antimony, Sb	mg/dry Kg	HVAAS	0.86	0.71	0.12
2	Arsenic, As	mg/dry Kg	HVAAS	6.99	8.34	10.4
3	Cadmium, Cd	mg/dry Kg	FAAS	<0.1	<0.1	<0.1
4	Chromium, Cr	mg/dry Kg	FAAS	14	17	19
5	Copper, Cu	mg/dry Kg	FAAS	3.4	5.3	8.1
6	Lead, Pb	mg/dry Kg	FAAS	11	10	13
7	Mercury, Hg	mg/dry Kg	CVAAS	0.022	0.023	0.032
8	Nickel, Ni	mg/dry Kg	FAAS	15.0	19.7	23.7
9	Selenium, Se	mg/dry Kg	HVAAS	0.08	0.33	0.08
10	Silver, Ag	mg/dry Kg	FAAS	<0.4	<0.4	<0.4
11	Zinc, Zn	mg/dry Kg	FAAS	44.2	51.2	63.2
	Organic Tests					
1	TPH	mg/dry Kg	GC-FID	<2	<2	<2

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Job Number : EV130464

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

Laboratory Sample I.D :				EV130464-39	EV130464-40	EV130464-41
Customer Sample I.D :				OS 08 B	OS 09	FOS 05 B
Date Sampled :				24-Apr-13	24-Apr-13	24-Apr-13
Sample Matrix :				Sediment	Sediment	Sediment
No.	**Test Description**	**Unit**	**Technique**	**Results**	**Results**	**Results**
	Total Metals					
1	Antimony, Sb	mg/dry Kg	HVAAS	0.29	0.23	0.38
2	Arsenic, As	mg/dry Kg	HVAAS	25.3	73.9	17.3
3	Cadmium, Cd	mg/dry Kg	FAAS	<0.1	<0.1	<0.1
4	Chromium, Cr	mg/dry Kg	FAAS	19	10	14
5	Copper, Cu	mg/dry Kg	FAAS	6.2	0.2	2.9
6	Lead, Pb	mg/dry Kg	FAAS	16	17	10
7	Mercury, Hg	mg/dry Kg	CVAAS	0.027	0.005	0.017
8	Nickel, Ni	mg/dry Kg	FAAS	25.0	19.2	15.8
9	Selenium, Se	mg/dry Kg	HVAAS	0.11	<0.01	0.07
10	Silver, Ag	mg/dry Kg	FAAS	<0.4	<0.4	<0.4
11	Zinc, Zn	mg/dry Kg	FAAS	83.9	39.8	39.9
	Organic Tests					
1	TPH	mg/dry Kg	GC-FID	<2	<2	<2

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Job Number :	**EV130464**
Customer :	**PT ERM Indonesia**
Project Name :	**Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd**
Customer Ref :	**1529.r2/IUS-EV/II/2013**

Laboratory Sample I.D :				EV130464-42	EV130464-43
Customer Sample I.D :				0S 01	0S 07
Date Sampled :				25-Apr-13	25-Apr-13
Sample Matrix :				Sediment	Sediment
No.	**Test Description**	**Unit**	**Technique**	**Results**	**Results**
	Total Metals				
1	Antimony, Sb	mg/dry Kg	HVAAS	0.64	0.98
2	Arsenic, As	mg/dry Kg	HVAAS	37.9	94.4
3	Cadmium, Cd	mg/dry Kg	FAAS	<0.1	<0.1
4	Chromium, Cr	mg/dry Kg	FAAS	16	26
5	Copper, Cu	mg/dry Kg	FAAS	1.2	3.6
6	Lead, Pb	mg/dry Kg	FAAS	13	28
7	Mercury, Hg	mg/dry Kg	CVAAS	0.008	0.012
8	Nickel, Ni	mg/dry Kg	FAAS	18.5	22.8
9	Selenium, Se	mg/dry Kg	HVAAS	0.03	0.03
10	Silver, Ag	mg/dry Kg	FAAS	<0.4	<0.4
11	Zinc, Zn	mg/dry Kg	FAAS	42.9	67.2
	Organic Tests				
1	TPH	mg/dry Kg	GC-FID	<2	<2

Intertek

Job Number :	**EV130464**
Customer :	**PT ERM Indonesia**
Project Name :	**Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd**
Customer Ref :	**1529.r2/IUS-EV/II/2013**

Laboratory Sample I.D :				EV130464-44	EV130464-45
Customer Sample I.D :				0S 12	0S 10
Date Sampled :				25-Apr-13	26-Apr-13
Sample Matrix :				Sediment	Sediment
No.	**Test Description**	**Unit**	**Technique**	**Results**	**Results**
	Total Metals				
1	Antimony, Sb	mg/dry Kg	HVAAS	0.44	0.69
2	Arsenic, As	mg/dry Kg	HVAAS	53.9	71.0
3	Cadmium, Cd	mg/dry Kg	FAAS	<0.1	<0.1
4	Chromium, Cr	mg/dry Kg	FAAS	11	14
5	Copper, Cu	mg/dry Kg	FAAS	0.3	4.3
6	Lead, Pb	mg/dry Kg	FAAS	10	16
7	Mercury, Hg	mg/dry Kg	CVAAS	0.005	0.014
8	Nickel, Ni	mg/dry Kg	FAAS	16.6	24.7
9	Selenium, Se	mg/dry Kg	HVAAS	<0.01	0.03
10	Silver, Ag	mg/dry Kg	FAAS	<0.4	<0.4
11	Zinc, Zn	mg/dry Kg	FAAS	34.8	54.8
	Organic Tests				
1	TPH	mg/dry Kg	GC-FID	<2	<2

QUALITY CONTROL - PRECISION

Job Number : EV130464

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

No	Description	Units	Laboratory Replicate		% RPD
			EV130464-10	EV130464-10 (Replicate)	
	Physical Tests				
1	Brightness[1)]	m	-	-	-
2	Floating Matter[1)]	-	none	-	-
3	Odor[1)]	-	Odorless	-	-
4	Oil Film[1)]	-	none	-	-
5	pH[1)]	-	7.93	-	-
6	Salinity[1)]	‰	32.6	-	-
7	Temperature[1)]	°C	29.9	-	-
8	Total Suspended Solids, TSS	mg/L	5	5	0.0%
9	Turbidity [1)]	NTU	<0.5	-	-
	Anions				
1	Sulphide as H_2S	mg/L	<0.002	-	-
2	Total Cyanide, CN	mg/L	<0.005	<0.005	-
	Nutrients				
1	Ammonia, NH_3-N	mg/L	<0.02	<0.02	-
2	Nitrate, NO_3-N	mg/L	0.010	0.011	4.9%
3	Total Phosphorus as P	mg/L	0.018	0.018	0.0%
	Dissolved Metals				
1	Arsenic, As	mg/L	0.0009	0.0010	10.5%
2	Cadmium, Cd	mg/L	<0.0001	<0.0001	-
3	Chromium Hexavalent, Cr^{6+}	mg/L	<0.002	<0.002	-
4	Copper, Cu	mg/L	<0.001	<0.001	-
5	Lead, Pb	mg/L	<0.001	<0.001	-
6	Mercury, Hg	mg/L	<0.00005	<0.00005	-
7	Nickel, Ni	mg/L	<0.001	<0.001	-
8	Zinc, Zn	mg/L	<0.005	<0.005	-

QUALITY CONTROL - PRECISION

Job Number : EV130464

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

No	Description	Units	Laboratory Replicate		% RPD
			EV130464-10	EV130464-10 (Replicate)	
	Miscellaneous				
1	Biochemical Oxygen Demand, BOD_5	mg/L	<2	<2	-
2	Dissolved Oxygen, DO [1)]	mg/L	5.55	-	-
3	Surfactants, MBAS	mg/L	<0.01	<0.01	-
4	Oil & Grease	mg/L	<1	-	-
5	Total Phenols	mg/L	<0.001	<0.001	-
					-
	Microbiology Tests				
1	Total Coliform	MPN/100ml	ND	-	-

QUALITY CONTROL - PRECISION

Job Number : EV130464

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

No	Description	Units	Laboratory Replicate		% RPD
			EV130464-20	EV130464-20 (Replicate)	
	Physical Tests				
1	Brightness[1)]	m	-	-	-
2	Floating Matter[1)]	-	none	-	-
3	Odor[1)]	-	Odorless	-	-
4	Oil Film[1)]	-	none	-	-
5	pH[1)]	-	7.88	-	-
6	Salinity[1)]	‰	29.2	-	-
7	Temperature[1)]	°C	30.8	-	-
8	Total Suspended Solids, TSS	mg/L	11	10	9.5%
9	Turbidity [1)]	NTU	1.2	-	-
	Anions				
1	Sulphide as H_2S	mg/L	<0.002	-	-
2	Total Cyanide, CN	mg/L	<0.005	<0.005	-
	Nutrients				
1	Ammonia, NH_3-N	mg/L	<0.02	<0.02	-
2	Nitrate, NO_3-N	mg/L	0.018	0.019	7.1%
3	Total Phosphorus as P	mg/L	0.018	0.017	5.7%
	Dissolved Metals				
1	Arsenic, As	mg/L	0.0013	0.0013	0.0%
2	Cadmium, Cd	mg/L	<0.0001	<0.0001	-
3	Chromium Hexavalent, Cr^{6+}	mg/L	<0.002	<0.002	-
4	Copper, Cu	mg/L	<0.001	<0.001	-
5	Lead, Pb	mg/L	<0.001	<0.001	-
6	Mercury, Hg	mg/L	<0.00005	<0.00005	-
7	Nickel, Ni	mg/L	<0.001	<0.001	-
8	Zinc, Zn	mg/L	<0.005	<0.005	-

QUALITY CONTROL - PRECISION

Job Number : EV130464

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

No	Description	Units	Laboratory Replicate		% RPD
			EV130464-20	EV130464-20 (Replicate)	
	Miscellaneous				
1	Biochemical Oxygen Demand, BOD_5	mg/L	<2	<2	-
2	Dissolved Oxygen, DO [1]	mg/L	6.25	-	-
3	Surfactants, MBAS	mg/L	<0.01	<0.01	-
4	Oil & Grease	mg/L	<1	-	-
5	Total Phenols	mg/L	<0.001	<0.001	-
					-
	Microbiology Tests				
1	Total Coliform	MPN/100ml	ND	-	-

QUALITY CONTROL - PRECISION

Job Number : EV130464

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

No	Description	Units	Laboratory Replicate		% RPD
			EV130464-42	EV130464-42 (Replicate)	
	Total Metals				
1	Antimony, Sb	mg/dry Kg	0.64	0.74	15.7%
2	Arsenic, As	mg/dry Kg	37.9	37.8	0.3%
3	Cadmium, Cd	mg/dry Kg	<0.1	<0.1	-
4	Chromium, Cr	mg/dry Kg	16	16	0.9%
5	Copper, Cu	mg/dry Kg	1.2	1.1	4.0%
6	Lead, Pb	mg/dry Kg	13	13	2.6%
7	Mercury, Hg	mg/dry Kg	0.008	0.009	15.7%
8	Nickel, Ni	mg/dry Kg	18.5	18.4	0.8%
9	Selenium, Se	mg/dry Kg	0.03	0.03	2.3%
10	Silver, Ag	mg/dry Kg	<0.4	<0.4	-
11	Zinc, Zn	mg/dry Kg	42.9	42.7	0.8%
	Organic Tests				
1	TPH	mg/dry Kg	<2	<2	-

Intertek

QUALITY CONTROL - ACCURACY

Job Number : EV130464

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

No	Description	Units	Detection Limit	Blank	Reference Material		% Recovery
					Expected Value	Result	
	Physical Tests						
1	Brightness[1)]	m	-	-	-	-	-
2	Floating Matter[1)]	-	-	-	-	-	
3	Odor[1)]	-	-	-	-	-	-
4	Oil Film[1)]	-	-	-	-	-	-
5	pH[1)]	-	-	-	-	-	-
6	Salinity[1)]	‰	-	-	-	-	-
7	Temperature[1)]	°C	-	-	-	-	-
8	Total Suspended Solids. TSS	mg/L	1	<1	73	72	98%
9	Turbidity [1)]	NTU	0.5	<0.5	-	-	-
	Anions						
1	Sulphide, S^{2-}	mg/L	0.002	<0.002	7.76	7.67	99%
2	Total Cyanide, CN	mg/L	0.005	<0.005	0.471	0.475	101%
	Nutrients						
1	Ammonia, NH_3-N	mg/L	0.02	<0.02	10.9	10.9	100%
2	Nitrate, NO_3-N	mg/L	0.005	<0.005	4.41	4.78	108%
3	Total Phosphorus as P	mg/L	0.005	<0.005	8.88	8.97	101%
	Microbiology Tests						
1	Total Coliform	MPN/100ml	1	ND	-	-	-
	Dissolved Metals						
1	Arsenic, As	mg/L	0.0005	<0.0005	0.347	0.362	104%
2	Cadmium, Cd	mg/L	0.0001	<0.0001	0.427	0.419	98%
3	Chromium Hexavalent, Cr^{6+}	mg/L	0.002	<0.002	0.285	0.290	102%
4	Copper, Cu	mg/L	0.001	<0.001	0.217	0.220	101%
5	Lead, Pb	mg/L	0.001	<0.001	0.754	0.688	91%
6	Mercury, Hg	mg/L	0.00005	<0.00005	0.0173	0.0163	94%
7	Nickel, Ni	mg/L	<0.001	<0.001	0.507	0.488	96%
8	Zinc, Zn	mg/L	0.005	<0.005	0.975	1.03	106%

Intertek

QUALITY CONTROL - ACCURACY

Job Number : EV130464

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

No	Description	Units	Detection Limit	Blank	Reference Material		% Recovery
					Expected Value	Result	
	Miscellaneous						
1	Biochemical Oxygen Demand, BOD_5	mg/L	2	<2	49	48	96%
2	Dissolved Oxygen, DO [1)]	mg/L	-	-	-	-	-
3	Oil & Grease, Spike	mg/L	1	<1	204	195	96%
4	Surfactants, MBAS	mg/L	0.01	<0.01	0.35	0.34	97%
5	Total Phenols	mg/L	0.001	<0.001	0.541	0.515	95%
	Total Metals (Sediment)						
1	Antimony, Sb	mg/dry Kg	0.01	<0.01	-	-	-
2	Arsenic, As	mg/dry Kg	0.01	<0.01	237	241	102%
3	Cadmium, Cd	mg/dry Kg	0.1	<0.1	191	175	91%
4	Chromium, Cr	mg/dry Kg	1	<1	128	117	91%
5	Copper, Cu	mg/dry Kg	0.2	<0.2	123	117	95%
6	Lead, Pb	mg/dry Kg	1	<1	103	103	100%
7	Mercury, Hg	mg/dry Kg	0.001	<0.001	12.4	12	96%
8	Nickel, Ni	mg/dry Kg	0.4	<0.4	118	109	93%
9	Selenium, Se	mg/dry Kg	0.01	<0.01	110	102	93%
10	Silver, Ag	mg/dry Kg	0.4	<0.4	-	-	-
11	Zinc, Zn	mg/dry Kg	0.1	<0.1	183	173	95%
	Organic Tests						
1	TPH	mg/dry Kg	2	<2	2050	2190	107%
	Polycyclic Aromatic Hydrocarbons, PAHs**						
1	Napthalene	mg/L	0.0001	<0.0001	-	-	92%
2	Acenaphthene	mg/L	0.0001	<0.0001	-	-	83%
3	Phenanthrene	mg/L	0.0001	<0.0001	-	-	88%
4	Pyrene	mg/L	0.0001	<0.0001	-	-	89%
5	Chrysene	mg/L	0.0001	<0.0001	-	-	108%
6	Benzo (a) pyrene	mg/L	0.0001	<0.0001	-	-	74%

Note: [1)] = Field Measurement

Intertek

Job Number :	**EV130302**
Customer :	**PT ERM Indonesia**
Project Name :	**Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd**
Customer Ref :	**1529.r2/IUS-EV/II/2013**

Laboratory Sample I.D :						EV130302-33	EV130302-34
Customer Sample I.D :						AQN 01	AQN 04
Date Sampled :						10-Mar-13	11-Mar-13
Sample Matrix :						Ambient Air	Ambient Air
No.	**Test Description**	**Unit**	**Technique**	**Sampling Duration**	**Regulatory Limit**	**Results**	**Results**
	Ambient Air Quality						
1	Sulfur Dioxide, SO_2	µg/Nm3	Pararosaniline	1 hour	900	44	<20
2	Carbon Monoxide, CO*	µg/Nm3	CO Analyzer	1 hour	30000	1490	<1140
3	Nitrogen Oxide, NO_2	µg/Nm3	Satzman	1 hour	400	<5	<5
4	Oxidant, O_3	µg/Nm3	Chemiluminescent	1 hour	235	<2	<2
5	Hydrocarbon, HC*	µg/Nm3	GC-FID	3 hours	160	<5	<5
6	Particulate <10mm (PM_{10})	µg/Nm3	Dust Analyzer	Grab	150	30	4
7	Particulate <2.5mm ($PM_{2.5}$)	µg/Nm3	Dust Analyzer	Grab	65	24	6
8	Total Suspended Particulate (TSP)	µg/Nm3	Dust Analyzer	Grab	230	73	40
9	Lead, Pb	µg/Nm3	GFAAS	Grab	2	<0.1	<0.1
10	Noise, L_{avg}*	dB	Noise Dosimeter	Grab	-	45.8	73.7

Laboratory Sample I.D :						EV130302-35
Customer Sample I.D :						AQN 06
Date Sampled :						11-Mar-13
Sample Matrix :						Ambient Air
No.	**Test Description**	**Unit**	**Technique**	**Sampling Duration**	**Regulatory Limit**	**Results**
	Ambient Air Quality					
1	Sulfur Dioxide, SO_2	µg/Nm3	Pararosaniline	1 hour	900	<2
2	Carbon Monoxide, CO*	µg/Nm3	CO Analyzer	1 hour	30000	1370
3	Nitrogen Oxide, NO_2	µg/Nm3	Satzman	1 hour	400	<5
4	Oxidant, O_3	µg/Nm3	Chemiluminescent	1 hour	235	<2
5	Hydrocarbon, HC*	µg/Nm3	GC-FID	3 hours	160	<5
6	Particulate <10mm (PM_{10})	µg/Nm3	Dust Analyzer	Grab	150	13
7	Particulate <2.5mm ($PM_{2.5}$)	µg/Nm3	Dust Analyzer	Grab	65	2
8	Total Suspended Particulate (TSP)	µg/Nm3	Dust Analyzer	Grab	230	74
9	Lead, Pb	µg/Nm3	GFAAS	Grab	2	<0.1
10	Noise, L_{avg}*	dB	Noise Dosimeter	Grab	-	52.5

Note: *= Non accredited parameter

Intertek

Job Number :	EV130302
Customer :	PT ERM Indonesia
Project Name :	Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd
Customer Ref :	1529.r2/IUS-EV/II/2013

Laboratory Sample I.D :						EV130302-36
Customer Sample I.D :						AQN 07
Date Sampled :						12-Mar-13
Sample Matrix :						Ambient Air
No.	**Test Description**	**Unit**	**Technique**	**Sampling Duration**	**Regulatory Limit**	**Results**
	Ambient Air Quality					
1	Sulfur Dioxide, SO_2	µg/Nm3	Pararosaniline	1 hour	900	34
2	Carbon Monoxide, CO*	µg/Nm3	CO Anlayzer	1 hour	30000	<1140
3	Nitrogen Oxide, NO_2	µg/Nm3	Satzman	1 hour	400	<5
4	Oxidant, O_3	µg/Nm3	Chemiluminescent	1 hour	235	<2
5	Hydrocarbon, HC*	µg/Nm3	GC-FID	3 hours	160	<5
6	Particulate <10mm (PM_{10})	µg/Nm3	Dust Analyzer	Grab	150	13
7	Particulate <2.5mm ($PM_{2.5}$)	µg/Nm3	Dust Analyzer	Grab	65	4
8	Total Suspended Particulate (TSP)	µg/Nm3	Dust Analyzer	Grab	230	71
9	Lead, Pb	µg/Nm3	GFAAS	Grab	2	<0.1
10	Noise, L_{avg}*	dB	Noise Dosimeter	Grab	-	71.1

Laboratory Sample I.D :						EV130302-37
Customer Sample I.D :						AQN 08
Date Sampled :						16-Mar-13
Sample Matrix :						Ambient Air
No.	**Test Description**	**Unit**	**Technique**	**Sampling Duration**	**Regulatory Limit**	**Results**
	Ambient Air Quality					
1	Sulfur Dioxide, SO_2	µg/Nm3	Pararosaniline	1 hour	900	127
2	Carbon Monoxide, CO*	µg/Nm3	CO Anlayzer	1 hour	30000	1490
3	Nitrogen Oxide, NO_2	µg/Nm3	Satzman	1 hour	400	12
4	Oxidant, O_3	µg/Nm3	Chemiluminescent	1 hour	235	<2
5	Hydrocarbon, HC*	µg/Nm3	GC-FID	3 hours	160	<5
6	Particulate <10mm (PM_{10})	µg/Nm3	Dust Analyzer	Grab	150	32
7	Particulate <2.5mm ($PM_{2.5}$)	µg/Nm3	Dust Analyzer	Grab	65	11
8	Total Suspended Particulate (TSP)	µg/Nm3	Dust Analyzer	Grab	230	115
9	Lead, Pb	µg/Nm3	GFAAS	Grab	2	<0.1
10	Noise, L_{avg}*	dB	Noise Dosimeter	Grab	-	58.7

Note: *= Non accredited parameter

Intertek

QUALITY CONTROL - PRECISION

Job Number : EV130302

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

No	Description	Units	Laboratory Replicate		% RPD
			EV130302-10	EV130302-10 (Replicate)	
	Physical Tests				
1	Brightness[1)]	m	2	-	-
2	Floating Matter[1)]	-	None	-	-
3	Odor[1)]	-	Odorless	-	-
4	Oil Film[1)]	-	None	-	-
5	pH[1)]	-	8.04	-	-
6	Salinity[1)]	‰	25.4	-	-
7	Temperature[1)]	°C	29.9	-	-
8	Total Suspended Solids, TSS	mg/L	25	20	22.2%
9	Turbidity	NTU	187	-	-
	Anions				
1	Sulphide as H_2S	mg/L	<0.002	-	-
2	Total Cyanide, CN	mg/L	<0.005	<0.005	-
	Nutrients				
1	Ammonia, NH_3-N	mg/L	<0.02	<0.02	-
2	Nitrate, NO_3-N	mg/L	0.051	0.051	0.0%
3	Total Phosphorus as P	mg/L	0.016	0.0165	3.1%
	Dissolved Metals				
1	Arsenic, As	mg/L	0.0011	0.0012	8.7%
2	Cadmium, Cd	mg/L	<0.0005	<0.0005	-
3	Chromium Hexavalent, Cr^{6+}	mg/L	<0.002	<0.002	-
4	Copper, Cu	mg/L	<0.001	<0.001	-
5	Lead, Pb	mg/L	<0.001	<0.001	-
6	Mercury, Hg	mg/L	<0.00005	<0.00005	-
7	Nickel, Ni	mg/L	<0.02	<0.02	-
8	Zinc, Zn	mg/L	<0.005	<0.005	-

QUALITY CONTROL - PRECISION

Job Number : EV130302

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

No	Description	Units	Laboratory Replicate		% RPD
			EV130302-10	EV130302-10 (Replicate)	
	Miscellaneous				
1	Biochemical Oxygen Demand, BOD_5	mg/L	<2	<2	-
2	Dissolved Oxygen, DO [1]	mg/L	5.95	-	-
3	Surfactants, MBAS	mg/L	<0.01	<0.01	-
4	Oil & Grease	mg/L	<1	-	-
5	Total Phenols	mg/L	<0.001	<0.001	-
					-
	Microbiology Tests				
1	Total Coliform	MPN/100ml	ND	-	-

QUALITY CONTROL - PRECISION

Job Number : EV130302

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Seasen AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

No	Description	Units	Laboratory Replicate		% RPD
			EV130302-19	EV130302-19 (Replicate)	
	Physical Tests				
1	Colour	Pt/Co	<5	<5	-
2	Conductivity[1)]	µS/Cm	33	-	-
3	Odor[1)]	-	Odorless	-	-
4	pH[1)]	-	5.08	-	-
5	Taste[1)]	-	N.A	-	-
6	Temperature[1)]	°C	27.2	-	-
7	Total Dissolved Solids, TDS	mg/L	13	13	0.0%
8	Total Hardness as $CaCO_3$	mg/L	5.7	5.4	5.4%
9	Turbidity	NTU	1.1	1.0	9.5%
	Anions				
1	Chloride, Cl^-	mg/L	3.7	3.7	0.0%
2	Fluoride, F^-	mg/L	<0.02	<0.02	-
3	Sulphate, SO_4	mg/L	<2	<2	-
4	Sulphide as H_2S	mg/L	<0.002	-	-
5	Total Cyanide, CN^-	mg/L	<0.005	<0.005	-
	Nutrients				
1	Nitrate, NO_3-N	mg/L	0.95	0.96	0.6%
2	Nitrite, NO_2-N	mg/L	<0.001	<0.001	-
	Microbiology Tests				
1	E.Coli	MPN/100ml	ND	-	-
2	Total Coliform	MPN/100ml	13	-	-
	Dissolved Metals				
1	Arsenic, As	mg/L	<0.0005	<0.0005	-
2	Cadmium, Cd	mg/L	<0.0001	<0.0001	-
3	Chromium Hexavalent, Cr^{6+}	mg/L	<0.002	<0.002	-
4	Copper, Cu	mg/L	<0.01	<0.01	-
5	Iron, Fe	mg/L	0.10	0.10	1.3%
6	Lead, Pb	mg/L	<0.001	<0.001	-

QUALITY CONTROL - PRECISION

Job Number : EV130302

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season ANDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

No	Description	Units	Laboratory Replicate		% RPD
			EV130302-19	EV130302-19 (Replicate)	
7	Manganese, Mn	mg/L	0.008	0.008	4.2%
8	Mercury, Hg	mg/L	<0.00005	<0.00005	-
9	Selenium, Se	mg/L	<0.0005	<0.0005	-
10	Zinc, Zn	mg/L	<0.005	<0.005	-
	Miscellaneous				
1	Surfactants, MBAS	mg/L	<0.01	<0.01	-
2	Total Organic Matter, KMnO4	mg/L	<2	<2	-

Intertek

QUALITY CONTROL - PRECISION

Job Number : EV130302

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

No	Description	Units	Laboratory Replicate		% RPD
			EV130302-30	EV130302-30 (Replicate)	
	Total Metals				
1	Antimony, Sb	mg/dry Kg	0.48	0.44	10.0%
2	Arsenic, As	mg/dry Kg	5.73	5.77	0.6%
3	Cadmium, Cd	mg/dry Kg	<0.1	<0.1	-
4	Chromium, Cr	mg/dry Kg	13	13	1.3%
5	Copper, Cu	mg/dry Kg	4.9	4.7	2.5%
6	Lead, Pb	mg/dry Kg	6	6	0.4%
7	Mercury, Hg	mg/dry Kg	0.016	0.014	13.6%
8	Nickel, Ni	mg/dry Kg	11.7	11.8	1.1%
9	Selenium, Se	mg/dry Kg	0.06	0.06	7.7%
10	Silver, Ag	mg/dry Kg	<0.4	<0.4	-
11	Zinc, Zn	mg/dry Kg	31.3	32.3	3.3%
	Organic Tests				
1	TPH	mg/dry Kg	<2	<2	-

Intertek

QUALITY CONTROL - ACCURACY

Job Number : EV130302

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

No	Description	Units	Detection Limit	Blank	Reference Material		% Recovery
					Expected Value	Result	
	Physical Tests						
1	Brightness[1)]	m	-	-	-	-	-
2	Colour	Pt/Co	5	<5	35	35	99%
3	Conductivity[1)]	µS/Cm	-	-	-	-	-
4	Floating Matter[1)]	-	-	-	-	-	
5	Odor[1)]	-	-	-	-	-	-
6	Oil Film[1)]	-	-	-	-	-	-
7	pH[1)]	-	-	-	-	-	-
8	Salinity[1)]	‰	-	-	-	-	-
9	Taste[1)]	-	-	-	-	-	-
10	Temperature[1)]	°C	-	-	-	-	-
11	Total Dissolved Solids, TDS	mg/L	1	<1	343	337	98%
12	Total Hardness as $CaCO_3$	mg/L	0.5	<0.5	291	285	98%
13	Total Suspended Solids, TSS	mg/L	1	<1	382	388	107%
14	Turbidity [1)]	NTU	0.5	<0.5	-	-	-
	Anions						
1	Chloride, Cl^-	mg/L	0.5	<0.5	9.1	9.7	106%
2	Fluoride, F^-	mg/L	0.02	<0.02	4.00	4.36	109%
3	Sulphate, SO_4	mg/L	2	<2	19	19	104%
4	Sulphide, S^{2-}	mg/L	0.002	<0.002	7.76	7.74	100%
5	Total Cyanide, CN	mg/L	0.005	<0.005	0.325	0.315	97%
	Nutrients						
1	Ammonia, NH_3-N	mg/L	0.02	<0.02	10.9	10.9	100%
2	Free Ammonia, NH_3-N	mg/L	0.02	<0.02	-	-	-
3	Nitrate, NO_3-N	mg/L	0.005	<0.005	4.35	4.18	96%
4	Nitrite, NO_2-N	mg/L	0.001	<0.001	2.58	2.46	95%
5	Total Phosphorus as P	mg/L	0.005	<0.005	8.88	8.65	97%
	Microbiology Tests						
1	E.Coli	MPN/100ml	1	ND	-	-	-
2	Total Coliform	MPN/100ml	1	ND	-	-	-

Intertek

QUALITY CONTROL - ACCURACY

Job Number : EV130302

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

No	Description	Units	Detection Limit	Blank	Reference Material		% Recovery
					Expected Value	Result	
	Dissolved Metals						
1	Arsenic, As	mg/L	0.0005	<0.0005	0.347	0.356	103%
2	Barium, Ba	mg/L	0.1	<0.1	2.4	2.3	98%
3	Boron, B	mg/L	0.1	<0.1	1.7	1.8	107%
4	Cadmium, Cd	mg/L	0.0001	<0.0001	0.427	0.412	96%
5	Chromium Hexavalent, Cr^{6+}	mg/L	0.002	<0.002	0.285	0.292	102%
6	Cobalt, Co	mg/L	0.02	<0.02	0.36	0.38	106%
7	Copper, Cu	mg/L	0.01	<0.01	0.22	0.21	97%
8	Iron, Fe	mg/L	0.05	<0.05	1.07	1.05	98%
9	Lead, Pb	mg/L	0.001	<0.001	0.754	0.730	97%
10	Manganese, Mn	mg/L	0.01	<0.01	1.86	1.95	105%
11	Mercury, Hg	mg/L	0.00005	<0.00005	0.00398	0.00368	92%
12	Nickel, Ni	mg/L	0.02	<0.02	0.51	0.51	101%
13	Selenium, Se	mg/L	0.0005	<0.0005	1.62	1.68	104%
13	Zinc, Zn	mg/L	0.005	<0.005	0.975	0.992	102%
	Miscellaneous						
1	Biochemical Oxygen Demand, BOD_5	mg/L	2	<2	49	48	97%
2	Chemical Oxygen Demand, COD	mg/L	2	<2	143	147	103%
3	Chlorine, Cl_2	mg/L	0.01	<0.01	-	-	-
4	Dissolved Oxygen, DO [1)]	mg/L	-	-	-	-	-
5	Oil & Grease, Spike	mg/L	1	<1	464	454	98%
6	Surfactants, MBAS	mg/L	0.01	<0.01	0.35	0.34	97%
7	Total Organic Matter, KMnO4	mg/L	2	<2	-	-	-
8	Total Phenols	mg/L	0.001	<0.001	0.541	0.551	102%
	Total Metals (Sediment)						
1	Antimony, Sb	mg/dry Kg	0.01	<0.01	-	-	-
2	Arsenic, As	mg/dry Kg	0.01	<0.01	237	253	107%
3	Cadmium, Cd	mg/dry Kg	0.1	<0.1	191	199	104%
4	Chromium, Cr	mg/dry Kg	1	<1	128	131	102%
5	Copper, Cu	mg/dry Kg	0.2	<0.2	123	133	108%
6	Lead, Pb	mg/dry Kg	1	<1	103	107	104%
7	Mercury, Hg	mg/dry Kg	0.001	<0.001	12.4	12.5	100%

Intertek

QUALITY CONTROL - ACCURACY

Job Number : EV130302

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

No	Description	Units	Detection Limit	Blank	Reference Material		% Recovery
					Expected Value	Result	
8	Nickel, Ni	mg/dry Kg	0.4	<0.4	118	126	107%
9	Selenium, Se	mg/dry Kg	0.01	<0.01	110	101	92%
10	Silver, Ag	mg/dry Kg	0.4	<0.4	-	-	-
11	Zinc, Zn	mg/dry Kg	0.1	<0.1	183	201	110%
	Organic Tests						
1	TPH	mg/dry Kg	2	<2	2050	2200	107%
	Polycyclic Aromatic Hydrocarbons, PAHs**						
1	Napthalene	mg/L	0.0001	<0.0001	-	-	86%
2	Acenaphthene	mg/L	0.0001	<0.0001	-	-	93%
3	Phenanthrene	mg/L	0.0001	<0.0001	-	-	104%
4	Pyrene	mg/L	0.0001	<0.0001	-	-	117%
5	Chrysene	mg/L	0.0001	<0.0001	-	-	120%
6	Benzo (a) pyrene	mg/L	0.0001	<0.0001	-	-	120%

Note: [1] = Field Measurement

Intertek

Job Number : EV130464

Customer : PT ERM Indonesia

Project Name : Environmental Baseline Survey Wet Season AMDAL Tangguh Expansion Project BP Berau Ltd

Customer Ref : 1529.r2/IUS-EV/II/2013

Laboratory Sample I.D :						EV130464-29	EV130464-30
Customer Sample I.D :						AQN 09	AQN 10
Date Sampled :						25-Apr-13	25-Apr-13
Sample Matrix :						Ambient Air	Ambient Air
No.	**Test Description**	**Unit**	**Technique**	**Sampling Duration**	**Regulatory Limit**	**Results**	**Results**
	Ambient Air Quality						
1	Sulfur Dioxide, SO_2	µg/Nm3	Pararosaniline	1 hour	900	<20	<20
2	Carbon Monoxide, CO*	µg/Nm3	CO Anlayzer	1 hour	30000	1260	573
3	Nitrogen Oxide, NO_2	µg/Nm3	Satzman	1 hour	400	<5	<5
4	Oxidant, O_3	µg/Nm3	Chemiluminescent	1 hour	235	<2	<2
5	Hydrocarbon, HC*	µg/Nm3	GC-FID	3 hours	160	<5	<5
6	Particulate <10mm (PM_{10})	µg/Nm3	Dust Analyzer	Grab	150	3	13
7	Particulate <2.5mm ($PM_{2.5}$)	µg/Nm3	Dust Analyzer	Grab	65	27	12
8	Total Suspended Particulate (TSP)	µg/Nm3	Dust Analyzer	Grab	230	31	27
9	Lead, Pb	µg/Nm3	GFAAS	Grab	2	<2	<2
10	Noise, L_{avg}*	dB	Noise Dosimeter	Grab	-	58.1	58.8

Laboratory Sample I.D :						EV130464-31	EV130464-32
Customer Sample I.D :						AQN 11	AQN 12
Date Sampled :						24-Apr-13	26-Apr-13
Sample Matrix :						Ambient Air	Ambient Air
No.	**Test Description**	**Unit**	**Technique**	**Sampling Duration**	**Regulatory Limit**	**Results**	**Results**
	Ambient Air Quality						
1	Sulfur Dioxide, SO_2	µg/Nm3	Pararosaniline	1 hour	900	<20	<20
2	Carbon Monoxide, CO*	µg/Nm3	CO Anlayzer	1 hour	30000	1370	573
3	Nitrogen Oxide, NO_2	µg/Nm3	Satzman	1 hour	400	<5	<5
4	Oxidant, O_3	µg/Nm3	Chemiluminescent	1 hour	235	<2	<2
5	Hydrocarbon, HC*	µg/Nm3	GC-FID	3 hours	160	<5	<5
6	Particulate <10mm (PM_{10})	µg/Nm3	Dust Analyzer	Grab	150	4	13
7	Particulate <2.5mm ($PM_{2.5}$)	µg/Nm3	Dust Analyzer	Grab	65	19	4
8	Total Suspended Particulate (TSP)	µg/Nm3	Dust Analyzer	Grab	230	64	33
9	Lead, Pb	µg/Nm3	GFAAS	Grab	2	<2	<2
10	Noise, L_{avg}*	dB	Noise Dosimeter	Grab	-	56.6	59.7

Note: *= Non accredited parameter

Lampiran II. 3

Data Rona Lingkungan :

Sampel Air Laut dan Muara (Plankton dan Benthos)
(*Dry Season* 2012)

LABORATORIUM PENGUJIAN
BAGIAN PRODUKTIVITAS DAN LINGKUNGAN PERAIRAN (ProLing)
DEPARTEMEN MANAJEMEN SUMBERDAYA PERAIRAN
FAKULTAS PERIKANAN DAN ILMU KELAUTAN
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Komite Akreditasi Nasional
Laboratorium Penguji
LP - 425 - IDN

Nomor : P.326/VIII/2012
Lampiran : 14 Lembar
Perihal : Laporan Hasil AnalisisLaboratorium

Kepada Yth.
BP Tangguh
Perkantoran Hijau Arkadia,Tower D-E
Jalan T.B Simatupang Kav.88
Jakarta 12520

Berikut ini kami sampaikan Laporan Hasil Analisis Laboratorium
Sampel Air Laut (Plankton dan Bentos)
penerimaan sampel tanggal 27 Agustus 2012 dengan **Kode Lab P.4739 -(1-20)**
untuk **kegiatan AMDAL BP Tangguh Expansion**

Atas perhatian dan kerjasamanya kami ucapkan terima kasih.

Bogor, 01 Oktober 2012

LABORATORIUM PROLING
FAKULTAS PERIKANAN DAN ILMU KELAUTAN IPB

Dr.Ir. Sigid Hariyadi, MSc.
Manajer Mutu

Laboratorium Pengujian
Produktivitas dan Lingkungan Perairan (ProLing)
Departemen Manajemen Sumberdaya Perairan - IPB

Analysis Laboratory
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No Analisa : P.326/VIII/B/2012	HASIL ANALISIS LABORATORIUM	Halaman : 1/14

Kelimpahan Fitoplankton (sel/m^3)

ORGANISME	P.4739-1	P.4739-2	P.4739-3	P.4739-4	P.4739-5
	OS-O1 AB	OS-O2 AB	OS-O5AB	OS-O8AB	OS-09 AB
CYANOPHYCEAE					
Trichodesmium sp.	12.920.635	18.285.714	23.571.429	8.948.413	2.071.429
BACILLARIOPHYCEAE					
Chaetoceros sp.	1.964.286	257.937	1.285.714	1.515.873	142.857
Bacteriastrum sp.	0	0	0	0	0
Ditylum sp.	87.302	7.937	23.810	15.873	67.460
Rhizosolenia sp.	55.556	39.683	27.778	63.492	15.873
Corethron sp.	35.714	7.937	19.841	103.175	15.873
Leptocylindrus sp.	79.365	11.905	7.937	15.873	0
Biddulphia sp.	55.556	27.778	23.810	0	75.397
Thalassiothrix sp.	0	7.937	0	19.841	47.619
Thalassionema sp.	547.619	444.444	273.810	186.508	436.508
Thalassiosira sp.	107.143	261.905	107.143	384.921	281.746
Coscinodiscus sp.	67.460	103.175	43.651	91.270	281.746
Hemidiscus sp.	11.905	0	19.841	7.937	11.905
Amphiprora sp.	7.937	11.905	0	0	0
Navicula sp.	7.937	43.651	3.968	0	27.778
Nitzschia sp.	111.111	186.508	206.349	357.143	91.270
Lauderia sp.	43.651	11.905	19.841	23.810	15.873
Cyclotella sp.	15.873	103.175	19.841	15.873	71.429
Pleurosigma sp.	15.873	51.587	7.937	15.873	7.937
Bacillaria sp.	15.873	809.524	19.841	0	0
Surirella sp.	0	3.968	0	0	3.968
Licmophora sp.	0	3.968	0	0	0
Bellerochea sp.	0	174.603	11.905	0	7.937
Eucampia sp.	0	31.746	0	0	0
Campylodiscus sp.	0	3.968	0	0	0
Asteromphalus sp.	0	11.905	0	7.937	3.968
Diploneis sp.	0	7.937	0	3.968	11.905
Asterionella sp.	0	7.937	0	0	0
Hemiaulus sp.	0	3.968	0	0	0
Skeletonema sp.	0	0	35.714	0	0
Campyloneis sp.	0	0	0	7.937	0
Guinardia sp.	0	0	3.968	3.968	7.937
Streptotheca sp.	0	0	0	0	7.937
Triceratium sp.	0	0	0	0	0
Melosira sp.	0	0	19.841	0	39.683
Amphora sp.	0	0	0	0	0
Cocconeis sp.	0	0	0	0	0
Fragilaria sp.	0	0	0	0	0

Di Lanjutkan Ke Halaman : 2/14

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Lanjutan Halaman : 1/14

Kelimpahan Fitoplankton (sel/m^3)

ORGANISME	P.4739-1	P.4739-2	P.4739-3	P.4739-4	P.4739-5
	OS-O1 AB	OS-O2 AB	OS-O5AB	OS-O8AB	OS-09 AB
DINOPHYCEAE					
Ceratium sp.	31.746	11.905	51.587	7.937	23.810
Peridinium sp.	301.587	115.079	738.095	198.413	154.762
Dinophysis sp.	19.841	7.937	11.905	11.905	0
Prorocentrum sp.	7.937	3.968	35.714	11.905	3.968
Noctiluca sp.	3.968	0	0	0	0
Podolampas sp.	0	0	0	0	3.968
Pyrocystis sp.	0	0	3.968	0	0
Gymnodinium sp.	0	0	0	0	3.968
CHRYSOPHYCEAE					
Dictyocha sp.	0	0	3.968	0	3.968
Jumlah Taksa	23	31	27	23	29
Kelimpahan (sel/m^3)	16.515.875	21.063.496	26.599.206	12.019.845	3.940.479
Indeks Keragaman	0,90	0,70	0,57	1,03	1,87
Indeks Keseragaman	0,29	0,21	0,17	0,33	0,56
Indeks Dominansi	0,63	0,76	0,79	0,57	0,30

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Strip - SRC)

Keterangan :

Kode stasiun	Koordinat	
	BT (East)	LS (South)
OS-O1 AB	132° 57' 30"	02° 20' 31.9"
OS-O2 AB	132° 32' 42.4"	02° 24' 43.4"
OS-O5AB	132° 48' 38.5"	02° 20' 43.7"
OS-O8AB	133° 08' 17"	02° 18' 58"
OS-09 AB	133° 06' 39.2"	02° 22' 25"

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No Analisa : P.326/VIII/B/2012	HASIL ANALISIS LABORATORIUM	Halaman : 3/14

Kelimpahan Fitoplankton (sel/m^3)

ORGANISME	P.4739-6	P.4739-7	P.4739-8	P.4739-9	P.4739-10
	OS-10 AB	OS-11 AB	OS-12AB	OS-13 AB	OS-14 AB
CYANOPHYCEAE					
Trichodesmium sp.	19.464.286	20.242.063	154.515.873	20.083.333	1.650.794
BACILLARIOPHYCEAE					
Chaetoceros sp.	39.683	55.556	353.175	67.460	269.841
Bacteriastrum sp.	0	0	0	0	0
Ditylum sp.	23.810	15.873	7.937	11.905	182.540
Rhizosolenia sp.	35.714	35.714	43.651	35.714	59.524
Corethron sp.	3.968	0	0	3.968	0
Leptocylindrus sp.	0	7.937	31.746	15.873	19.841
Biddulphia sp.	43.651	15.873	3.968	19.841	412.698
Thalassiothrix sp.	23.810	0	7.937	11.905	126.984
Thalassionema sp.	265.873	162.698	154.762	134.921	968.254
Thalassiosira sp.	277.778	71.429	210.317	95.238	1.023.810
Coscinodiscus sp.	150.794	47.619	71.429	59.524	285.714
Hemidiscus sp.	11.905	0	0	0	0
Amphiprora sp.	0	0	0	0	7.937
Navicula sp.	19.841	11.905	3.968	15.873	11.905
Nitzschia sp.	23.810	31.746	23.810	35.714	218.254
Lauderia sp.	0	0	0	0	0
Cyclotella sp.	11.905	0	7.937	15.873	51.587
Pleurosigma sp.	11.905	7.937	7.937	3.968	202.381
Bacillaria sp.	0	0	0	0	11.905
Surirella sp.	3.968	0	0	0	19.841
Licmophora sp.	0	0	0	0	0
Bellerochea sp.	47.619	0	0	0	63.492
Eucampia sp.	0	0	0	0	0
Campylodiscus sp.	0	0	0	0	0
Asteromphalus sp.	0	0	0	0	3.968
Diploneis sp.	0	3.968	0	0	27.778
Asterionella sp.	0	0	0	0	0
Hemiaulus sp.	0	0	0	0	0
Skeletonema sp.	0	0	0	0	0
Campyloneis sp.	11.905	0	0	3.968	47.619
Guinardia sp.	0	0	0	0	0
Streptotheca sp.	0	0	0	0	7.937
Triceratium sp.	0	0	0	0	27.778
Melosira sp.	0	11.905	0	35.714	261.905
Amphora sp.	0	0	0	0	7.937
Cocconeis sp.	0	0	0	0	0
Fragilaria sp.	0	0	0	0	0

Di Lanjutkan Ke Halaman : 4/14

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Lanjutan Halaman : 3/14

Kelimpahan Fitoplankton (sel/m^3)

ORGANISME	P.4739-6	P.4739-7	P.4739-8	P.4739-9	P.4739-10
	OS-10 AB	OS-11 AB	OS-12AB	OS-13 AB	OS-14 AB
DINOPHYCEAE					
Ceratium sp.	27.778	23.810	111.111	35.714	79.365
Peridinium sp.	301.587	333.333	2.091.270	547.619	2.071.429
Dinophysis sp.	23.810	0	0	3.968	19.841
Prorocentrum sp.	23.810	67.460	79.365	43.651	91.270
Noctiluca sp.	0	0	0	0	87.302
Podolampas sp.	0	0	0	0	0
Pyrocystis sp.	0	0	3.968	0	0
Gymnodinium sp.	0	0	0	3.968	0
CHRYSOPHYCEAE					
Dictyocha sp.	0	0	0	0	0
Jumlah Taksa	22	17	18	22	30
Kelimpahan (sel/m^3)	20.849.210	21.146.826	157.730.161	21.285.712	8.321.431
Indeks Keragaman	0,40	0,27	0,13	0,33	2,39
Indeks Keseragaman	0,13	0,09	0,04	0,11	0,70
Indeks Dominansi	0,87	0,92	0,96	0,89	0,14

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Strip - SRC)

Keterangan :

Kode stasiun	Koordinat	
	BT (East)	LS (South)
OS-10 AB	133° 11' 43.5"	02° 22' 53.5"
OS-11 AB	133° 11' 07.4"	02° 15' 54.2"
OS-12AB	133° 17' 15.7"	02° 19' 22.7"
OS-13 AB	133° 26' 19.4	02° 20' 06.5"
OS-14 AB	133° 40' 57.4"	02° 21' 15.5"

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Kelimpahan Fitoplankton (sel/m^3)

ORGANISME	P.4739-11	P.4739-12	P.4739-13	P.4739-14	P.4739-15
	NS -01AB	NS -02 AB	NS -03 AB	NS -04 AB	NS -06 AB
CYANOPHYCEAE					
Trichodesmium sp.	5.444.444	22.880.952	9.646.825	15.190.476	16.023.810
BACILLARIOPHYCEAE					
Chaetoceros sp.	297.619	380.952	226.190	416.667	174.603
Bacteriastrum sp.	43.651	0	0	0	0
Ditylum sp.	0	71.429	115.079	333.333	309.524
Rhizosolenia sp.	134.921	3.452.381	51.587	202.381	0
Corethron sp.	0	0	0	0	0
Leptocylindrus sp.	0	0	150.794	0	0
Biddulphia sp.	47.619	1.047.619	186.508	809.524	404.762
Thalassiothrix sp.	11.905	833.333	95.238	130.952	817.460
Thalassionema sp.	269.841	1.238.095	1.563.492	1.416.667	976.190
Thalassiosira sp.	0	0	162.698	964.286	1.388.889
Coscinodiscus sp.	67.460	1.071.429	198.413	440.476	396.825
Hemidiscus sp.	0	0	0	0	0
Amphiprora sp.	51.587	0	0	0	0
Navicula sp.	23.810	333.333	15.873	0	0
Nitzschia sp.	95.238	642.857	392.857	6.321.429	992.063
Lauderia sp.	35.714	476.190	67.460	95.238	0
Cyclotella sp.	0	0	11.905	0	0
Pleurosigma sp.	75.397	404.762	896.825	238.095	277.778
Bacillaria sp.	0	0	0	0	0
Surirella sp.	0	95.238	0	0	23.810
Licmophora sp.	0	0	0	0	0
Bellerochea sp.	0	0	0	0	0
Eucampia sp.	0	190.476	0	35.714	31.746
Campylodiscus sp.	3.968	809.524	79.365	71.429	87.302
Asteromphalus sp.	11.905	0	0	0	0
Diploneis sp.	0	0	0	0	0
Asterionella sp.	11.905	0	7.937	0	0
Hemiaulus sp.	11.905	0	158.730	595.238	507.937
Skeletonema sp.	0	0	0	0	0
Campyloneis sp.	0	0	0	0	0
Guinardia sp.	0	0	0	0	0
Streptotheca sp.	0	0	95.238	35.714	150.794
Triceratium sp.	19.841	119.048	19.841	71.429	23.810
Melosira sp.	0	0	182.540	166.667	301.587
Amphora sp.	27.778	47.619	23.810	35.714	47.619
Cocconeis sp.	15.873	119.048	7.937	59.524	31.746
Fragilaria sp.	0	1.357.143	0	261.905	444.444

Di Lanjutkan Ke Halaman : 6/14

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Lanjutan Halaman : 5/14

Kelimpahan Fitoplankton (sel/m^3)

ORGANISME	P.4739-11	P.4739-12	P.4739-13	P.4739-14	P.4739-15
	NS -01AB	NS -02 AB	NS -03 AB	NS -04 AB	NS -06 AB
DINOPHYCEAE					
Ceratium sp.	31.746	0	23.810	0	246.032
Peridinium sp.	3.968	166.667	11.905	23.810	0
Dinophysis sp.	11.905	0	0	23.810	95.238
Prorocentrum sp.	0	0	0	0	0
Noctiluca sp.	0	95.238	15.873	35.714	55.556
Podolampas sp.	0	0	0	0	0
Pyrocystis sp.	0	0	0	0	0
Gymnodinium sp.	0	0	0	0	0
CHRYSOPHYCEAE					
Dictyocha sp.	15.873	47.619	11.905	0	0
Jumlah Taksa	24	22	27	24	23
Kelimpahan (sel/m^3)	6.765.873	35.880.952	14.420.635	27.976.192	23.809.525
Indeks Keragaman	0,98	1,56	1,41	1,58	1,49
Indeks Keseragaman	0,31	0,50	0,43	0,50	0,47
Indeks Dominansi	0,65	0,42	0,47	0,35	0,46

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Strip - SRC)

Keterangan :

Kode stasiun	Koordinat	
	BT (East)	LS (South)
NS -01AB	132° 33' 18.9"	02° 39' 32.3"
NS -02 AB	133° 05' 35.1"	02° 27' 01.3"
NS -03 AB	133° 07' 18"	02° 25' 49.6"
NS -04 AB	133° 10' 52"	02° 25' 13.1"
NS -06 AB	133° 49' 15.8"	02° 22' 19.9"

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No Analisa : P.326/VIII/B/2012	HASIL ANALISIS LABORATORIUM	Halaman : 7/14

Kelimpahan Fitoplankton (sel/m^3)

ORGANISME	P.4739-16	P.4739-17	P.4739-18	P.4739-19	P.4739-20
	NS -07 AB	NS -08 AB	NS -09 AB	SW -01 AB	SW -03 AB
CYANOPHYCEAE					
Trichodesmium sp.	26.238.095	29.214.286	16.511.111	6.039.683	10.412.698
BACILLARIOPHYCEAE					
Chaetoceros sp.	746.032	126.984	361.111	666.667	95.238
Bacteriastrum sp.	0	0	83.333	0	0
Ditylum sp.	238.095	7.937	22.222	79.365	15.873
Rhizosolenia sp.	269.841	15.873	11.111	2.063.492	0
Corethron sp.	126.984	7.937	0	0	7.937
Leptocylindrus sp.	0	0	0	0	0
Biddulphia sp.	365.079	103.175	111.111	349.206	246.032
Thalassiothrix sp.	1.619.048	15.873	38.889	460.317	0
Thalassionema sp.	460.317	142.857	294.444	1.436.508	492.063
Thalassiosira sp.	0	0	1.172.222	531.746	0
Coscinodiscus sp.	349.206	87.302	200.000	476.190	15.873
Hemidiscus sp.	0	0	0	0	0
Amphiprora sp.	0	0	0	0	0
Navicula sp.	0	0	16.667	55.556	0
Nitzschia sp.	571.429	71.429	416.667	603.175	404.762
Lauderia sp.	539.683	39.683	83.333	126.984	0
Cyclotella sp.	0	0	0	0	0
Pleurosigma sp.	158.730	63.492	138.889	571.429	142.857
Bacillaria sp.	0	0	0	0	0
Surirella sp.	0	0	5.556	55.556	15.873
Licmophora sp.	0	0	0	0	0
Bellerochea sp.	0	0	0	0	0
Eucampia sp.	0	0	0	0	15.873
Campylodiscus sp.	47.619	15.873	16.667	142.857	7.937
Asteromphalus sp.	0	0	0	0	0
Diploneis sp.	0	0	0	0	0
Asterionella sp.	0	0	0	0	0
Hemiaulus sp.	0	0	0	222.222	95.238
Skeletonema sp.	0	0	0	0	0
Campyloneis sp.	0	0	0	0	0
Guinardia sp.	0	0	0	0	0
Streptotheca sp.	31.746	7.937	0	333.333	0
Triceratium sp.	47.619	0	16.667	0	15.873
Melosira sp.	0	0	1.105.556	0	388.889
Amphora sp.	63.492	15.873	5.556	63.492	0
Cocconeis sp.	0	7.937	11.111	15.873	0
Fragilaria sp.	0	0	200.000	444.444	0

Di Lanjutkan Ke Halaman : 8/14

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Lanjutan Halaman : 7/14

Kelimpahan Fitoplankton (sel/m^3)

ORGANISME	P.4739-16	P.4739-17	P.4739-18	P.4739-19	P.4739-20
	NS -07 AB	NS -08 AB	NS -09 AB	SW -01 AB	SW -03 AB
DINOPHYCEAE					
Ceratium sp.	222.222	7.937	5.556	0	31.746
Peridinium sp.	15.873	7.937	0	0	7.937
Dinophysis sp.	0	0	0	0	0
Prorocentrum sp.	0	0	0	0	0
Noctiluca sp.	47.619	0	0	31.746	0
Podolampas sp.	0	0	0	0	0
Pyrocystis sp.	0	0	0	0	0
Gymnodinium sp.	0	0	0	0	0
CHRYSOPHYCEAE					
Dictyocha sp.	0	0	0	15.873	7.937
Jumlah Taksa	19	18	22	22	18
Kelimpahan (sel/m^3)	32.158.729	29.960.322	20.827.779	14.785.714	12.420.636
Indeks Keragaman	0,92	0,18	0,96	2,15	0,78
Indeks Keseragaman	0,31	0,06	0,31	0,70	0,27
Indeks Dominansi	0,67	0,95	0,64	0,21	0,71

Perhitungan Plankton menggunakan Ln

Metoda : Pencacahan (Strip - SRC)

Kode stasiun	Koordinat	
	BT (East)	LS (South)
NS -07 AB	133° 15' 00.9"	02° 13' 43.3"
NS -08 AB	132° 52' 49"	02° 17' 19"
NS -09 AB	132° 39' 43"	02° 18' 25"
SW -01 AB	133° 06' 16.2"	02° 27' 59.8"
SW -03 AB	133° 16' 29.3"	02° 31' 54.8"

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No Analisa : P.326/VIII/B/2012	HASIL ANALISIS LABORATORIUM	Halaman : 9/14

Kelimpahan Zooplankton (Ind/m^3)

ORGANISME	P.4739-1	P.4739-2	P.4739-3	P.4739-4	P.4739-5
	OS-O1 AB	OS-O2 AB	OS-O5AB	OS-O8AB	OS-09 AB
PROTOZOA					
Codonella sp.	239	716	716	955	1.432
Codonellopsis sp.	597	1.790	2.268	1.910	1.551
Favella sp.	0	119	597	0	119
Tintinnopsis sp.	1.074	239	1.193	477	955
Zootamnion sp.	0	0	7.519	2.626	0
CRUSTACEAE					
Nauplius (stadia)	8.832	9.667	58.957	115.646	9.190
Corycaeus sp.	1.432	477	835	2.268	0
Calanus sp.	716	1.074	3.222	14.799	1.432
Macrosetella sp.	0	0	239	477	0
Oithona sp.	0	0	955	1.313	1.193
Acartia sp.	0	0	239	0	0
Conchoecia sp.	0	0	0	0	0
Euterpina sp.	0	0	0	0	0
Mysis (stadia)	0	0	0	0	0
UROCHORDATA					
Oikopleura sp.	835	955	716	0	0
CHAETOGNATA					
Sagitta sp.	0	119	239	477	358
POLYCHAETA					
Larva Polychaeta (sp1)	239	119	835	1.432	119
PELECYPODA					
Larva Pelecypoda (sp1)	239	0	239	835	119
Jumlah Taksa	9	10	15	12	10
Kelimpahan (Ind/m^3)	14.203	15.275	78.769	143.215	16.468
Indeks Keragaman	1,38	1,33	1,08	0,81	1,52
Indeks Keseragaman	0,63	0,58	0,40	0,33	0,66
Indeks Dominansi	0,41	0,43	0,57	0,66	0,34

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Sensus - SRC)

Kode stasiun	Koordinat	
	BT (East)	LS (South)
OS-O1 AB	132° 57' 30"	02° 20' 31.9"
OS-O2 AB	132° 32' 42.4"	02° 24' 43.4"
OS-O5AB	132° 48' 38.5"	02° 20' 43.7"
OS-O8AB	133° 08' 17"	02° 18' 58"
OS-09 AB	133° 06' 39.2"	02° 22' 25"

Bogor, 17 September 2012
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No Analisa : P.326/VIII/B/2012	HASIL ANALISIS LABORATORIUM	Halaman : 10/14

Kelimpahan Zooplankton (Ind/m^3)

ORGANISME	P.4739-6	P.4739-7	P.4739-8	P.4739-9	P.4739-10
	OS-10 AB	OS-11 AB	OS-12AB	OS-13 AB	OS-14 AB
PROTOZOA					
Codonella sp.	1.193	0	0	239	0
Codonellopsis sp.	4.177	4.058	239	2.745	1.432
Favella sp.	0	0	0	0	0
Tintinnopsis sp.	239	6.087	597	835	0
Zootamnion sp.	0	2.984	0	0	0
CRUSTACEAE					
Nauplius (stadia)	9.906	88.913	716	14.441	291.324
Corycaeus sp.	0	3.938	0	0	0
Calanus sp.	239	10.264	0	239	27.092
Macrosetella sp.	0	835	0	119	28.404
Oithona sp.	597	2.506	0	239	1.432
Acartia sp.	0	0	0	0	0
Conchoecia sp.	0	477	0	0	0
Euterpina sp.	0	0	0	0	0
Mysis (stadia)	0	0	0	0	0
UROCHORDATA					
Oikopleura sp.	0	5.609	239	477	4.177
CHAETOGNATA					
Sagitta sp.	119	835	239	119	4.416
POLYCHAETA					
Larva Polychaeta (sp1)	0	955	0	0	119
PELECYPODA					
Larva Pelecypoda (sp1)	119	1.910	0	239	119
Jumlah Taksa	8	13	5	10	9
Kelimpahan (Ind/m^3)	16.589	129.371	2.030	19.692	358.515
Indeks Keragaman	1,16	1,30	1,48	1,00	0,72
Indeks Keseragaman	0,56	0,51	0,92	0,44	0,33
Indeks Dominansi	0,43	0,49	0,25	0,56	0,67

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Sensus - SRC)

Kode stasiun	Koordinat	
	BT (East)	LS (South)
OS-10 AB	133° 11' 43.5"	02° 22' 53.5"
OS-11 AB	133° 11' 07.4"	02° 15' 54.2"
OS-12AB	133° 17' 15.7"	02° 19' 22.7"
OS-13 AB	133° 26' 19.4	02° 20' 06.5"
OS-14 AB	133° 40' 57.4"	02° 21' 15.5"

Bogor, 17 September 2012

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No Analisa : P.326/VIII/B/2012	HASIL ANALISIS LABORATORIUM	Halaman : 11/14

Kelimpahan Zooplankton (Ind/m^3)

ORGANISME	P.4739-11 NS -01AB	P.4739-12 NS -02 AB	P.4739-13 NS -03 AB	P.4739-14 NS -04 AB	P.4739-15 NS -06 AB
PROTOZOA					
Codonella sp.	0	0	1.313	0	0
Codonellopsis sp.	1.432	119	2.864	0	0
Favella sp.	0	0	0	0	0
Tintinnopsis sp.	0	0	0	0	0
Zootamnion sp.	6.803	0	0	0	0
CRUSTACEAE					
Nauplius (stadia)	17.783	716	20.647	61.224	153.002
Corycaeus sp.	7.877	0	0	0	0
Calanus sp.	477	597	1.432	3.700	8.951
Macrosetella sp.	119	477	119	358	10.383
Oithona sp.	1.432	1.193	119	1.074	4.416
Acartia sp.	358	0	0	0	0
Conchoecia sp.	0	0	0	0	0
Euterpina sp.	0	119	2.148	716	7.519
Mysis (stadia)	0	0	0	0	0
UROCHORDATA					
Oikopleura sp.	835	119	0	1.432	0
CHAETOGNATA					
Sagitta sp.	0	0	0	0	0
POLYCHAETA					
Larva Polychaeta (sp1)	0	358	0	0	0
PELECYPODA					
Larva Pelecypoda (sp1)	0	0	0	0	0
Jumlah Taksa	9	8	7	6	5
Kelimpahan (Ind/m^3)	37.116	3.698	28.642	68.504	184.271
Indeks Keragaman	1,45	1,80	1,00	0,48	0,68
Indeks Keseragaman	0,66	0,87	0,51	0,27	0,42
Indeks Dominansi	0,31	0,20	0,54	0,80	0,70

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Sensus - SRC)

Kode stasiun	Koordinat	
	BT (East)	LS (South)
NS -01AB	132° 33' 18.9"	02° 39' 32.3"
NS -02 AB	133° 05' 35.1"	02° 27' 01.3"
NS -03 AB	133° 07' 18"	02° 25' 49.6"
NS -04 AB	133° 10' 52"	02° 25' 13.1"
NS -06 AB	133° 49' 15.8"	02° 22' 19.9"

Bogor, 17 September 2012

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No Analisa : P.326/VIII/B/2012	HASIL ANALISIS LABORATORIUM	Halaman : 12/14

Kelimpahan Zooplankton (Ind/m^3)

ORGANISME	P.4739-16	P.4739-17	P.4739-18	P.4739-19	P.4739-20
	NS -07 AB	NS -08 AB	NS -09 AB	SW -01 AB	SW -03 AB
PROTOZOA					
Codonella sp.	119	239	239	477	835
Codonellopsis sp.	0	0	0	597	0
Favella sp.	0	0	0	0	0
Tintinnopsis sp.	0	0	0	0	0
Zootamnion sp.	0	0	0	0	0
CRUSTACEAE					
Nauplius (stadia)	1.551	239	3.342	5.848	477
Corycaeus sp.	119	0	119	0	0
Calanus sp.	1.193	1.313	3.222	239	119
Macrosetella sp.	0	119	0	358	0
Oithona sp.	477	239	955	119	477
Acartia sp.	0	0	0	0	0
Conchoecia sp.	0	0	0	0	0
Euterpina sp.	0	0	119	119	0
Mysis (stadia)	0	0	0	0	358
UROCHORDATA					
Oikopleura sp.	0	0	0	0	0
CHAETOGNATA					
Sagitta sp.	119	119	0	0	0
POLYCHAETA					
Larva Polychaeta (sp1)	0	0	0	0	0
PELECYPODA					
Larva Pelecypoda (sp1)	0	0	0	0	0
Jumlah Taksa	6	6	6	7	5
Kelimpahan (Ind/m^3)	3.578	2.268	7.996	7.757	2.266
Indeks Keragaman	1,34	1,34	1,21	0,96	1,47
Indeks Keseragaman	0,75	0,75	0,68	0,49	0,91
Indeks Dominansi	0,32	0,37	0,35	0,58	0,25

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Sensus - SRC)

Kode stasiun	Koordinat	
	BT (East)	LS (South)
NS -07 AB	133° 15' 00.9"	02° 13' 43.3"
NS -08 AB	132° 52' 49"	02° 17' 19"
NS -09 AB	132° 39' 43"	02° 18' 25"
SW -01 AB	133° 06' 16.2"	02° 27' 59.8"
SW -03 AB	133° 16' 29.3"	02° 31' 54.6"

Bogor, 17 September 2012
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No Analisa : P.326/VIII/B/2012	HASIL ANALISIS LABORATORIUM	Halaman : 13/14

Kepadatan Bentos (Ind/m^2)

Organisme	P.4739-5	P.4739-10	P.4739-11	P.4739-12	P.4739-13	P.4739-14
	OS-09 AB	OS-14 AB	NS-01 AB	NS-02 AB	NS-03 AB	NS-04 AB
POLYCHAETA						
Nephtys sp.	67	0	0	67	134	0
Ophelia sp.	0	0	67	0	0	67
Sternaspis sp.	0	0	0	268	0	0
Ancistrosyllis sp.	0	0	0	134	0	134
Lumbrineris sp.	0	0	0	201	134	0
Notomastus sp.	0	0	0	67	201	0
Prionospio sp.	0	0	0	67	0	0
Magelona sp.	0	0	0	0	67	0
Glycera sp.	0	0	0	0	67	0
CRUSTACEAE						
Metaphoxus sp.	201	0	67	0	0	67
Amphitoe sp.	0	0	67	0	67	0
Mysis sp.	0	0	134	0	0	67
Lucifer sp.	0	0	0	0	0	0
Hyale sp.	0	0	0	0	0	0
Tanaidae	0	0	0	0	0	0
BIVALVIA						
Tellina sp.	0	0	0	0	0	0
Jumlah taksa	2	0	4	6	6	4
Kelimpahan (Ind/m^2)	268	0	335	804	670	335
Indeks Keragaman	0,24	0	0,58	0,71	0,74	0,58
Indeks Keseragaman	0,81	0	0,96	0,91	0,95	0,96
Indeks Dominansi	0,63	0	0,28	0,22	0,20	0,28

Perhitungan Bentos menggunakan Log_2

Metoda : Pencacahan (Sensus)

Kode stasiun	Koordinat	
	BT (East)	LS (South)
OS-09 AB	133° 06' 39.2"	02° 22' 25"
OS-14 AB	133° 40' 57.4"	02° 21' 15.5"
NS -01AB	132° 33' 18.9"	02° 39' 32.3"
NS -02 AB	133° 05' 35.1"	02° 27' 01.3"
NS -03 AB	133° 07' 18"	02° 25' 49.6"
NS -04 AB	133° 10' 52"	02° 25' 13.1"

Bogor, 01 Oktober 2012

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No Analisa : P.326/VIII/B/2012	HASIL ANALISIS LABORATORIUM	Halaman : 14/14

Kepadatan Bentos (Ind/m^2)

Organisme	P.4739-15	P.4739-16	P.4739-17	P.4739-18	P.4739-19	P.4739-20
	NS-06 AB	NS-07 AB	NS-08 AB	NS-09 AB	SW-03 AB	SW-01 AB
POLYCHAETA						
Nephtys sp.	0	0	0	0	0	0
Ophelia sp.	0	0	0	0	0	670
Sternaspis sp.	0	0	0	0	0	0
Ancistrosyllis sp.	67	0	0	0	0	0
Lumbrineris sp.	0	0	0	201	0	0
Notomastus sp.	603	67	0	335	0	0
Prionospio sp.	0	0	0	737	0	67
Magelona sp.	0	0	0	67	0	0
Glycera sp.	134	0	0	134	0	0
CRUSTACEAE						
Metaphoxus sp.	0	0	0	0	0	1.206
Amphitoe sp.	0	0	0	0	0	536
Mysis sp.	0	0	0	0	0	0
Lucifer sp.	67	0	0	67	0	0
Hyale sp.	0	0	0	0	0	67
Tanaidae	0	0	0	0	0	4.824
BIVALVIA						
Tellina sp.	0	0	0	67	0	0
Jumlah taksa	4	1	0	7	0	6
Kelimpahan (Ind/m^2)	871	67	0	1.608	0	7.370
Indeks Keragaman	0,41	0	0	0,67	0	0,46
Indeks Keseragaman	0,68	-	0	0,80	0	0,60
Indeks Dominansi	0,51	1,00	0	0,28	0	0,47

Perhitungan Bentos menggunakan Log_2

Metoda : Pencacahan (Sensus)

Kode stasiun	Koordinat	
	BT (East)	LS (South)
NS -06 AB	133° 49' 15.8"	02° 22' 19.9"
NS -07 AB	133° 15' 00.9"	02° 13' 43.3"
NS -08 AB	132° 52' 49"	02° 17' 19"
NS -09 AB	132° 39' 43"	02° 18' 25"
SW -01 AB	133° 06' 16.2"	02° 27' 59.8"
SW -03 AB	133° 16' 29.3"	02° 31' 54.8"

Bogor, 01 Oktober 2012
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Komite Akreditasi Nasional
Laboratorium Penguji
LP - 425 - IDN

Nomor : P.442/XI/2012
Lampiran : 5 Lembar
Perihal : Laporan Hasil AnalisisLaboratorium

Kepada Yth.
BP Tangguh
Perkantoran Hijau Arkadia,Tower D-E
Jalan T.B Simatupang Kav.88
Jakarta 12520

Berikut ini kami sampaikan Laporan Hasil Analisis Laboratorium
Sampel Air Laut dan Muara (Plankton dan Bentos)
penerimaan sampel tanggal 05 November 2012 dengan **Kode Lab P.4856 -(1-10)**
untuk **kegiatan AMDAL BP Tangguh Expansion**

Atas perhatian dan kerjasamanya kami ucapkan terima kasih.

Bogor, 19 November 2012

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No Analisa : P.442/XI/B/2012	HASIL ANALISIS LABORATORIUM	Halaman : 1/5

Jenis Sampel : Plankton

Kelimpahan Fitoplankton (sel/m^3)

ORGANISME	P.4856-2	P.4856-3	P.4856-4	P.4856-5	P.4856-10
	OS-03 AB	OS-04 AB	OS-06 AB	OS-07 AB	NS-05 AB
CYANOPHYCEAE					
Trichodesmium sp.	2.857.143	11.692.857	117.394.286	48.091.429	2.342.857
BACILLARIOPHYCEAE					
Chaetoceros sp.	26.900.000	1.192.857	471.429	74.286	328.571
Bacteriastrum sp.	2.728.571	178.571	31.429	8.571	14.286
Rhizosolenia sp.	1.628.571	157.143	31.429	20.000	71.429
Coscinodiscus sp.	942.857	192.857	14.286	25.714	71.429
Leptocylindrus sp.	914.286	0	0	0	0
Pleurosigma sp.	800.000	135.714	37.143	8.571	14.286
Amphora sp.	214.286	42.857	8.571	8.571	0
Amphiprora sp.	28.571	21.429	2.857	2.857	0
Asterionella sp.	71.429	28.571	0	0	0
Bacillaria sp.	1.414.286	100.000	0	0	128.571
Lauderia sp.	942.857	21.429	0	0	0
Thalassionema sp.	2.757.143	585.714	182.857	65.714	700.000
Thalassiosira sp.	285.714	385.714	31.429	25.714	271.429
Thalassiothrix sp.	814.286	178.571	60.000	22.857	57.143
Guinardia sp.	428.571	7.143	17.143	5.714	28.571
Hemiaulus sp.	3.257.143	178.571	11.429	28.571	0
Navicula sp.	300.000	42.857	25.714	8.571	71.429
Nitzschia sp.	1.428.571	428.571	65.714	20.000	200.000
Aulacodiscus sp.	42.857	0	0	0	0
Biddulphia sp.	71.429	0	2.857	2.857	14.286
Diploneis sp.	14.286	7.143	2.857	8.571	0

Di Lanjutkan Ke Halaman : 2/5

Bogor, 19 November 2012

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Lanjutan Halaman : 1/5

Halaman : 2/5

Kelimpahan Fitoplankton (sel/m^3)

ORGANISME	P.4856-2	P.4856-3	P.4856-4	P.4856-5	P.4856-10
	OS-03 AB	OS-04 AB	OS-06 AB	OS-07 AB	NS-05 AB
Licmophora sp.	14.286	0	0	0	0
Surirella sp.	28.571	0	5.714	2.857	0
Eucampia sp.	57.143	0	0	0	0
Ditylum sp.	14.286	0	2.857	2.857	42.857
Cyclotella sp.	28.571	64.286	14.286	20.000	200.000
Campyloneis sp.	0	0	2.857	0	0
Bellerochea sp.	0	0	0	34.286	0
Melosira sp.	0	0	0	5.714	0
Skeletonema sp.	0	0	0	0	28.571
Asteromphalus sp.	0	7.143	0	0	0
Triceratium sp.	0	0	0	0	14.286
CHRYSOPHYCEAE					
Dictyocha sp.	42.857	0	2.857	0	0
DINOPHYCEAE					
Peridinium sp.	57.143	57.143	405.714	1.114.286	85.714
Ceratium sp.	28.571	7.143	51.429	54.286	42.857
Prorocentrum sp.	14.286	28.571	17.143	54.286	14.286
Dinophysis sp.	0	0	31.429	11.429	0
Noctiluca sp.	14.286	0	0	0	0
Oxytoxum sp.	0	0	2.857	0	0
Jumlah Taksa	32	24	27	26	21
Kelimpahan (sel/m^3)	49.142.857	15.742.855	118.928.573	49.728.569	4.742.858
Indeks Keragaman	1,88	1,18	0,10	0,19	1,89
Indeks Keseragaman	0,54	0,37	0,03	0,06	0,62
Indeks Dominansi	0,32	0,56	0,97	0,94	0,28

Perhitungan Plankton menggunakan Ln

Metoda : Pencacahan (Strip - SRC)

Keterangan :

Kode stasiun	Koordinat	
	BT (East)	LS (South)
OS-03 AB	132° 44' 40.4"	02° 41' 50.3"
OS-04 AB	132° 39' 05.2"	02° 34' 28.5"
OS-06 AB	132° 58' 32.2"	02° 30' 42.2"
OS-07 AB	133° 01' 11.7"	02° 26' 00.5"
NS-05 AB	133° 19' 55.5"	02° 27' 53.3"

Bogor, 19 November 2012

LABORATORIUM PROLING
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Manajer Teknis

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No Analisa : P.442/XI/B/2012	HASIL ANALISIS LABORATORIUM	Halaman : 3/5

Jenis Sampel : Plankton

Kelimpahan Zooplankton (Ind/m^3)

ORGANISME	P.4856-2	P.4856-3	P.4856-4	P.4856-5	P.4856-10
	OS-03 AB	OS-04 AB	OS-06 AB	OS-07 AB	NS-05 AB
PROTOZOA					
Tintinnopsis sp.	16.112	9.667	10.741	9.667	63.158
Leprotintinnus sp.	9.023	1.933	3.222	1.074	4.511
Codonellopsis sp.	2.793	1.074	0	1.074	1.504
Eutintinnus sp.	215	0	215	215	0
Acanthometron sp.	1.074	215	430	644	0
Favella sp.	859	644	1.504	1.074	0
Amphorella sp.	0	644	0	859	1.504
CRUSTACEAE					
Oithona sp.	1.289	1.074	1.504	3.222	19.549
Nauplius (stadia)	20.838	9.882	12.030	47.046	66.165
Acartia sp.	430	215	644	2.363	9.023
Microsetella sp.	215	0	0	215	3.008
UROCHORDATA					
Oikopleura sp.	1.933	3.867	3.222	1.504	1.504
NEMATODA					
Worm (sp1)	215	0	215	0	0
PELECYPODA					
Larva Pelecypoda (sp1)	859	0	215	0	0
Jumlah Taksa	13	10	11	12	9
Kelimpahan (Ind/m^3)	55.855	29.215	33.942	68.957	169.926
Indeks Keragaman	1,68	1,66	1,68	1,21	1,43
Indeks Keseragaman	0,66	0,72	0,70	0,49	0,65
Indeks Dominansi	0,25	0,25	0,25	0,49	0,31

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Sensus - SRC)
Keterangan :

Kode stasiun	Koordinat	
	BT (East)	LS (South)
OS-03 AB	132° 44' 40.4"	02° 41' 50.3"
OS-04 AB	132° 39' 05.2"	02° 34' 28.5"
OS-06 AB	132° 58' 32.2"	02° 30' 42.2"
OS-07 AB	133° 01' 11.7"	02° 26' 00.5"
NS-05 AB	133° 19' 55.5"	02° 27' 53.3"

Bogor, 19 November 2012

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No Analisa : P.442/XI/B/2012	HASIL ANALISIS LABORATORIUM	Halaman : 4/5

Kepadatan Bentos (Ind/m^2)

ORGANISME	P.4856-1	P.4856-2	P.4856-3	P.4856-4	P.4856-5
	OS-01 AB	OS-03 AB	OS-04 AB	OS-06 AB	OS-07 AB
POLYCHAETA					
Eunice sp.	29	67	0	0	67
Notomastus sp.	29	0	0	19	67
Syllis sp.	10	0	0	0	0
Trichobranchus sp.	10	0	0	0	0
Prionospio sp.	0	67	0	19	0
Lumbrineris sp.	0	67	0	0	0
Ophelina sp.	0	133	0	0	0
Ampharete sp.	0	133	0	0	0
Nephtys sp.	0	67	67	10	0
Nereis sp.	0	67	0	0	0
Glycera sp.	0	0	0	0	67
Pholoe sp.	0	0	0	0	67
Lepidonotus sp.	29	0	0	0	67
Pectinaria sp.	0	0	0	0	0
Ammotryphane sp.	0	0	0	0	0
Paraonis sp.	0	0	0	0	0
Goniada sp.	0	0	0	0	0
NEMERTINA					
Tubulanus sp.	10	0	0	0	0
CRUSTACEAE					
Heterotanais sp.	0	0	67	0	0
Atypopenaeus sp.	0	0	0	0	67
Parasiphae sp.	0	67	0	0	0
SIPUNCULA					
Aspidosiphon sp.	10	0	0	0	0
COELENTERATA					
Tealia sp.	0	67	0	0	0
ECINODERMATA					
Gorgonocephalus sp.	0	0	0	0	67
PELECYPODA					
Tellina sp.	0	0	0	0	0
Jumlah Taksa	7	9	2	3	7
Kepadatan (Ind/m^2)	127	735	134	48	469
Indeks Keragaman	2,61	3,10	1,00	1,53	2,81
Indeks Keseragaman	0,93	0,98	1,00	0,97	1,00
Indeks Dominansi	0,18	0,12	0,50	0,36	0,14

Perhitungan Bentos menggunakan Log_2

Metoda : Pencacahan (Sensus)

Keterangan :

Kode stasiun	Koordinat	
	BT (East)	LS (South)
OS-01 AB	132° 56' 31.4"	02° 19' 08,4"
OS-03 AB	132° 44' 40.4"	02° 41' 50.3"
OS-04 AB	132° 39' 05.2"	02° 34' 28.5"
OS-06 AB	132° 58' 32.2"	02° 30' 42.2"
OS-07 AB	133° 01' 11.7"	02° 26' 00.5"

Bogor, 19 November 2012

LABORATORIUM PROLING

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No Analisa : P.442/XI/B/2012	HASIL ANALISIS LABORATORIUM	Halaman : 5/5

Kepadatan Bentos (Ind/m^2)

ORGANISME	P.4856-6	P.4856-7	P.4856-8	P.4856-9	P.4856-10
	OS-08 AB	OS-10 AB	OS-11 AB	OS-12 AB	NS - 05 AB
POLYCHAETA					
Eunice sp.	0	29	0	29	0
Notomastus sp.	0	10	0	0	0
Syllis sp.	0	0	0	0	0
Trichobranchus sp.	0	0	0	0	0
Prionospio sp.	0	0	0	0	67
Lumbrineris sp.	0	0	0	19	0
Ophelina sp.	0	0	0	0	0
Ampharete sp.	0	0	0	0	0
Nephtys sp.	0	0	29	10	0
Nereis sp.	0	0	0	0	0
Glycera sp.	10	19	10	0	133
Pholoe sp.	0	0	0	0	0
Lepidonotus sp.	0	10	0	0	0
Pectinaria sp.	0	105	10	0	67
Ammotryphane sp.	0	0	0	10	0
Paraonis sp.	0	10	0	0	133
Goniada sp.	0	10	0	0	0
NEMERTINA					
Tubulanus sp.	0	0	0	0	0
CRUSTACEAE					
Heterotanais sp.	0	0	0	10	0
Atypopenaeus sp.	0	0	0	0	0
Parasiphae sp.	0	0	0	0	0
SIPUNCULA					
Aspidosiphon sp.	0	0	0	0	0
COELENTERATA					
Tealia sp.	0	0	0	0	0
ECINODERMATA					
Gorgonocephalus sp.	0	0	0	0	0
PELECYPODA					
Tellina sp.	10	0	0	0	0
Jumlah Taksa	2	7	3	5	4
Kepadatan (Ind/m^2)	20	193	49	78	400
Indeks Keragaman	1,00	2,10	1,38	2,17	1,92
Indeks Keseragaman	1,00	0,75	0,87	0,93	0,96
Indeks Dominansi	0,50	0,34	0,43	0,25	0,28

Perhitungan Bentos menggunakan Log_2

Metoda : Pencacahan (Sensus)

Keterangan :

Kode stasiun	Koordinat	
	BT (East)	LS (South)
OS-08 AB	133° 08' 06.5"	02° 18' 32.5"
OS-10 AB	133° 11' 25.1"	02° 22' 30.1"
OS-11 AB	133° 11' 10.7"	02° 15' 32.5"
OS-12 AB	133° 17' 13.2"	02° 19' 11.7"
NS-05 AB	133° 19' 55.5"	02° 27' 53.3"

Bogor, 19 November 2012

LABORATORIUM PROLING

Dr. Ir. Niken T.M. Pratiwi, M.Si
Manajer Teknis

Lampiran II. 4

Data Rona Lingkungan :

Sampel Air Laut dan Muara (Plankton dan Benthos)
(*Wet Season* 2013)

LABORATORIUM PENGUJIAN
BAGIAN PRODUKTIVITAS DAN LINGKUNGAN PERAIRAN (ProLing)
DEPARTEMEN MANAJEMEN SUMBERDAYA PERAIRAN
FAKULTAS PERIKANAN DAN ILMU KELAUTAN
INSTITUT PERTANIAN BOGOR
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KAN
Komite Akreditasi Nasional
Laboratorium Penguji
LP - 425 - IDN

Nomor : P.128/III/2013
Lampiran : 12 Lembar
Perihal : Laporan Hasil Analisis Laboratorium

Kepada Yth.
BP. Tangguh
Perkantoran Hijau Arkadia,Tower D-E
Jalan T.B Simatupang Kav.88
Jakarta 12520

Berikut ini kami sampaikan Laporan Hasil Analisis Laboratorium
sampel Biota (Plankton dan Benthos),penerimaan sampel tanggal 28 Maret 2013
dengan **Kode Lab P. 5059- (1-20)**
untuk kegiatan AMDAL BP Tangguh Expansion

Atas perhatian dan kerjasamanya kami ucapkan terima kasih.

Bogor, 30 April 2013

LABORATORIUM PROLING
FAKULTAS PERIKANAN DAN ILMU KELAUTAN IPB

Dr. Ir. Niken T. M. Pratiwi, M.Si
Manajer Teknis

HASIL PENGUJIAN INI TIDAK UNTUK DIGANDAKAN
DAN HANYA BERLAKU UNTUK SAMPEL-SAMPEL
TERSEBUT DI ATAS
PETUGAS PENGAMBIL SAMPEL
BERTANGGUNGJAWAB ATAS KEBENARAN SAMPEL
PENGADUAN TIDAK DILAYANI SETELAH 21 HARI
PENERBITAN SERTIFIKAT

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No Analisa : P.128/III/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 1/12

Jenis Sampel : Plankton

Kelimpahan Fitoplankton (sel/m^3)

ORGANISME	P.5059-1 SW-01	P.5059-2 SW-03	P.5059-3 NS-01	P.5059-4 NS-02	P.5059-5 NS-03
CYANOPHYCEAE					
Trichodesmium sp.	0	773.333	1.626.667	4.000.000	0
BACILLARIOPHYCEAE					
Chaetoceros sp .	82.133	253.333	85.333	693.333	224.000
Bacteriastrum sp.	11.733	0	0	106.667	16.000
Navicula sp.	46.933	6.667	18.667	40.000	72.000
Nitzschia sp.	105.600	60.000	112.000	346.667	96.000
Pleurosigma sp.	422.400	20.000	18.667	226.667	32.000
Bellerochea sp.	46.933	0	0	373.333	224.000
Cyclotella sp.	680.533	10.000	2.667	80.000	40.000
Coscinodiscus sp.	1.149.867	170.000	29.333	573.333	168.000
Thalassiosira sp.	82.133	173.333	16.000	973.333	216.000
Thalassiothrix sp.	199.467	16.667	16.000	173.333	0
Thalassionema sp.	23.467	140.000	74.667	2.280.000	240.000
Biddulphia sp.	492.800	23.333	26.667	773.333	152.000
Skeletonema sp.	985.600	0	10.667	1.853.333	840.000
Ditylum sp.	70.400	126.667	8.000	266.667	72.000
Rhizosolenia sp.	35.200	30.000	13.333	386.667	40.000
Triceratium sp.	70.400	3.333	2.667	0	8.000
Guinardia sp.	11.733	0	0	0	0
Surirella sp.	82.133	0	0	0	0
Diploneis sp.	46.933	0	2.667	0	8.000
Fragilaria sp.	35.200	3.333	2.667	53.333	0
Asteromphalus sp.	0	0	0	0	0
Lauderia sp.	0	6.667	13.333	120.000	0
Leptocylindrus sp.	0	0	8.000	213.333	0
Bacillaria sp.	0	0	8.000	53.333	0
Campyloneis sp.	0	26.667	0	0	0
Amphora sp.	0	0	0	0	0
Amphiprora sp.	0	6.667	0	40.000	8.000
Corethron sp.	0	3.333	0	0	0
Melosira sp.	0	256.667	0	0	0
Hemiaulus sp.	0	0	0	93.333	0
Eucampia sp.	0	0	0	13.333	0
Streptotheca sp.	0	0	0	53.333	0
Gramatophora sp.	0	0	0	0	200.000
Campylodiscus sp.	0	0	0	0	0
Asterionella sp.	0	0	0	0	0
Hemidiscus sp.	0	0	0	0	0
Paralia sp.	0	0	0	0	0
DINOPHYCEAE					
Peridinium sp.	0	6.667	0	40.000	0
Ceratium sp.	0	16.667	2.667	26.667	8.000
Dinophysis sp.	0	0	0	13.333	0
Noctiluca sp.	0	0	0	0	0
Phalacroma sp.	0	0	0	0	0
Prorocentrum sp.	0	0	0	0	0
Pirocystis sp.	0	0	0	13.333	0
CHRYSOPHYCEAE					
Dictyocha sp.	11.733	0	0	0	0
Jumlah Taksa	21	22	21	28	19
Kelimpahan (sel/m^3)	4.693.331	2.133.334	2.098.669	13.879.997	2.664.000
Indeks Keragaman	2,25	2,14	1,07	2,39	2,33
Indeks Keseragaman	0,74	0,69	0,35	0,72	0,79
Indeks Dominansi	0,15	0,18	0,61	0,14	0,14

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Strip- SRC)

Bogor, 30 April 2013

LABORATORIUM PROLING
FAKULTAS PERIKANAN DAN ILMU KELAUTAN IPB

Dr. Ir. Niken T. M. Pratiwi, M.Si
Manajer Teknis

Koordinat

SW-01	Onshore	133° 06'16.2"	02° 27'59.8"
SW-03	Onshore	133° 16'29.3"	02° 31'54.8"
NS-01	Nearshore	132° 33'18.9"	02° 39'32.3"
NS-02	Nearshore	133° 05'35.1"	02° 27'01.3"
NS-03	Nearshore	133° 07'18.2"	02° 25'49.6"

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No Analisa : P.128/III/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 2/12

Jenis Sampel : Plankton

Kelimpahan Fitoplankton (sel/m^3)

ORGANISME	P.5059-6	P.5059-7	P.5059-8	P.5059-9	P.5059-10
	NS-04	NS-05	NS-06	NS-07	NS-08
CYANOPHYCEAE					
Trichodesmium sp.	2.510.000	5.190.000	170.000	51.128	0
BACILLARIOPHYCEAE					
Chaetoceros sp .	490.000	30.000	850.000	10.526	285.000
Bacteriastrum sp.	0	0	0	0	0
Navicula sp.	30.000	0	5.000	0	0
Nitzschia sp.	320.000	10.000	45.000	4.511	35.000
Pleurosigma sp.	130.000	15.000	20.000	10.526	5.000
Bellerochea sp.	390.000	0	0	0	0
Cyclotella sp.	40.000	15.000	0	0	0
Coscinodiscus sp.	150.000	130.000	50.000	58.647	20.000
Thalassiosira sp.	770.000	40.000	3.240.000	123.308	10.000
Thalassiothrix sp.	20.000	30.000	20.000	3.008	15.000
Thalassionema sp.	300.000	5.000	5.000	6.015	50.000
Biddulphia sp.	860.000	445.000	0	13.534	35.000
Skeletonema sp.	840.000	0	730.000	30.075	40.000
Ditylum sp.	340.000	170.000	5.000	6.015	5.000
Rhizosolenia sp.	110.000	10.000	80.000	4.511	65.000
Triceratium sp.	30.000	0	0	0	0
Guinardia sp.	0	5.000	5.000	1.504	45.000
Surirella sp.	0	0	0	0	0
Diploneis sp.	10.000	0	0	0	0
Fragilaria sp.	0	0	0	0	5.000
Asteromphalus sp.	0	0	0	0	0
Lauderia sp.	0	0	0	0	0
Leptocylindrus sp.	50.000	5.000	10.000	12.030	40.000
Bacillaria sp.	140.000	0	0	0	0
Campyloneis sp.	10.000	15.000	0	0	0
Amphora sp.	10.000	0	0	0	0
Amphiprora sp.	10.000	0	0	0	0
Corethron sp.	0	0	0	0	0
Melosira sp.	60.000	0	0	0	0
Hemiaulus sp.	0	0	0	0	0
Eucampia sp.	0	0	0	0	0
Streptotheca sp.	0	0	0	0	0
Gramatophora sp.	0	0	0	0	0
Campylodiscus sp.	0	0	0	0	0
Asterionella sp.	0	0	0	0	0
Hemidiscus sp.	0	0	0	0	5.000
Paralia sp.	0	0	0	0	0
DINOPHYCEAE					
Peridinium sp.	20.000	45.000	10.000	12.030	15.000
Ceratium sp.	0	55.000	0	16.541	15.000
Dinophysis sp.	0	15.000	0	6.015	0
Noctiluca sp.	0	0	0	1.504	0
Phalacroma sp.	0	0	0	0	0
Prorocentrum sp.	0	0	0	1.504	0
Pirocystis sp.	0	0	0	0	0
CHRYSOPHYCEAE					
Dictyocha sp.	0	0	0	0	0
Jumlah Taksa	24	18	15	19	17
Kelimpahan (sel/m^3)	7.640.000	6.230.000	5.245.000	372.932	690.000
Indeks Keragaman	2,30	0,78	1,22	2,23	2,15
Indeks Keseragaman	0,72	0,27	0,45	0,76	0,76
Indeks Dominansi	0,16	0,70	0,43	0,17	0,20

Perhitungan Plankton menggunakan Ln
Metoda : P.5059-(6-8 & 10) = Pencacahan (Strip- SRC)
P.5059-(9) = Pencacahan (Sensus- SRC)

Bogor, 30 April 2013

LABORATORIUM PROLING
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Manajer Teknis

Koordinat

NS-04	Nearshore	133° 10'52.0"	02° 25'13.1"
NS-05	Nearshore	133° 19'55.5"	02° 27'53.3"
NS-06	Nearshore	133° 49'15.8"	02° 22'19.9"
NS-07	Nearshore	133° 15'00.9"	02° 13'43.3"
NS-08	Nearshore	132° 54' 49,0"	02° 17'19.0"

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No Analisa : P.128/III/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 3/12

Jenis Sampel : Plankton

Kelimpahan Fitoplankton (sel/m^3)

ORGANISME	P.5059-11 NS-09	P.5059-12 OS-03	P.5059-13 OS-06	P.5059-14 OS-14	P.5059-15 SWS-01
CYANOPHYCEAE					
Trichodesmium sp.	600.000	166.667	1.750.000	0	5.893.333
BACILLARIOPHYCEAE					
Chaetoceros sp .	305.000	123.333	206.667	6.667	4.853.333
Bacteriastrum sp.	35.000	10.000	0	0	1.317.333
Navicula sp.	5.000	13.333	20.000	3.333	554.667
Nitzschia sp.	140.000	63.333	36.667	23.333	31.754.667
Pleurosigma sp.	60.000	10.000	20.000	86.667	416.000
Bellerochea sp.	0	0	33.333	0	0
Cyclotella sp.	15.000	3.333	10.000	13.333	624.000
Coscinodiscus sp.	95.000	33.333	56.667	50.000	2.426.667
Thalassiosira sp.	35.000	26.667	143.333	760.000	25.653.333
Thalassiothrix sp.	60.000	50.000	23.333	3.333	6.933.333
Thalassionema sp.	105.000	60.000	0	26.667	7.626.667
Biddulphia sp.	80.000	13.333	76.667	480.000	2.773.333
Skeletonema sp.	355.000	0	63.333	0	90.618.667
Ditylum sp.	40.000	26.667	0	46.667	138.667
Rhizosolenia sp.	525.000	16.667	13.333	16.667	4.160.000
Triceratium sp.	0	0	0	23.333	69.333
Guinardia sp.	60.000	3.333	3.333	0	0
Surirella sp.	0	0	0	0	416.000
Diploneis sp.	0	0	0	0	0
Fragilaria sp.	0	0	0	0	0
Asteromphalus sp.	0	0	0	0	0
Lauderia sp.	45.000	6.667	6.667	0	762.667
Leptocylindrus sp.	2.295.000	80.000	20.000	0	901.333
Bacillaria sp.	155.000	13.333	0	0	0
Campyloneis sp.	0	0	0	46.667	0
Amphora sp.	0	16.667	3.333	0	69.333
Amphiprora sp.	0	0	3.333	0	208.000
Corethron sp.	0	0	0	0	208.000
Melosira sp.	0	0	0	0	0
Hemiaulus sp.	5.000	0	0	0	0
Eucampia sp.	0	0	0	0	0
Streptotheca sp.	5.000	0	0	0	138.667
Gramatophora sp.	0	0	0	0	0
Campylodiscus sp.	0	0	0	0	69.333
Asterionella sp.	85.000	0	0	0	346.667
Hemidiscus sp.	0	0	6.667	0	0
Paralia sp.	0	0	0	0	0
DINOPHYCEAE					
Peridinium sp.	15.000	20.000	6.667	30.000	69.333
Ceratium sp.	0	0	3.333	10.000	0
Dinophysis sp.	0	0	6.667	6.667	0
Noctiluca sp.	5.000	0	0	0	0
Phalacroma sp.	0	0	0	0	0
Prorocentrum sp.	0	0	0	10.000	0
Pirocystis sp.	0	0	0	0	0
CHRYSOPHYCEAE					
Dictyocha sp.	0	0	0	0	0
Jumlah Taksa	24	20	22	18	26
Kelimpahan (sel/m^3)	5.125.000	756.666	2.513.333	1.643.334	189.002.666
Indeks Keragaman	2,05	2,51	1,33	1,66	1,77
Indeks Keseragaman	0,65	0,84	0,43	0,57	0,54
Indeks Dominansi	0,24	0,11	0,50	0,31	0,28

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Strip- SRC)

Bogor, 30 April 2013

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FAKULTAS PERIKANAN DAN ILMU KELAUTAN IPB

Dr. Ir. Niken T. M. Pratiwi, M.Si
Manajer Teknis

Koordinat

NS-09	Nearshore	132° 39'43.0"	02° 18' 25.0"
OS-03	Offshore	132° 44'40.4"	02° 41'50.3"
OS-06	Offshore	132° 58'32.2"	02° 30'42.2"
OS-14	Offshore	133° 40'57.4"	02° 21'15.5"
SWS-01	Onshore	132° 56'30.0"	02° 38'21.0"

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No Analisa : P.128/III/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 4/12

Jenis Sampel : Plankton

Kelimpahan Fitoplankton (sel/m^3)

ORGANISME	P.5059-16	P.5059-17	P.5059-18	P.5059-19	P.5059-20
	SWS-03	FNS-02	FNS-06	FNS-07	FNS-08
CYANOPHYCEAE					
Trichodesmium sp.	483.333	1.344.000	1.020.000	1.506.667	3.232.667
BACILLARIOPHYCEAE					
Chaetoceros sp .	66.667	446.000	16.667	35.000	26.000
Bacteriastrum sp.	0	10.000	0	0	0
Navicula sp.	3.333	6.000	0	0	0
Nitzschia sp.	20.000	68.000	6.667	3.333	86.667
Pleurosigma sp.	123.333	10.000	46.667	6.667	52.000
Bellerochea sp.	0	28.000	0	0	17.333
Cyclotella sp.	10.000	14.000	23.333	3.333	8.667
Coscinodiscus sp.	186.667	72.000	90.000	21.667	52.000
Thalassiosira sp.	216.667	78.000	46.667	8.333	104.000
Thalassiothrix sp.	20.000	126.000	0	18.333	43.333
Thalassionema sp.	93.333	250.000	13.333	6.667	78.000
Biddulphia sp.	783.333	18.000	513.333	13.333	303.333
Skeletonema sp.	0	46.000	0	0	26.000
Ditylum sp.	390.000	14.000	170.000	0	78.000
Rhizosolenia sp.	40.000	10.000	3.333	0	0
Triceratium sp.	6.667	2.000	6.667	0	8.667
Guinardia sp.	0	2.000	3.333	0	0
Surirella sp.	0	0	3.333	0	0
Diploneis sp.	3.333	2.000	3.333	0	8.667
Fragilaria sp.	0	0	0	0	0
Asteromphalus sp.	0	2.000	0	0	0
Lauderia sp.	6.667	10.000	3.333	0	0
Leptocylindrus sp.	6.667	6.000	0	13.333	17.333
Bacillaria sp.	0	0	3.333	0	0
Campyloneis sp.	26.667	0	3.333	0	17.333
Amphora sp.	0	2.000	0	0	8.667
Amphiprora sp.	0	0	0	0	0
Corethron sp.	0	2.000	0	0	0
Melosira sp.	110.000	0	6.667	0	0
Hemiaulus sp.	0	0	0	0	0
Eucampia sp.	0	0	0	0	0
Streptotheca sp.	20.000	0	6.667	0	0
Gramatophora sp.	0	0	0	0	0
Campylodiscus sp.	3.333	0	0	0	0
Asterionella sp.	0	0	0	0	0
Hemidiscus sp.	0	2.000	0	0	0
Paralia sp.	36.667	0	0	0	0
DINOPHYCEAE					
Peridinium sp.	6.667	28.000	6.667	1.667	34.667
Ceratium sp.	0	28.000	10.000	8.333	0
Dinophysis sp.	6.667	14.000	6.667	5.000	0
Noctiluca sp.	0	0	6.667	0	0
Phalacroma sp.	0	2.000	0	0	0
Prorocentrum sp.	0	2.000	0	143.333	0
Pirocystis sp.	0	0	0	0	0
CHRYSOPHYCEAE					
Dictyocha sp.	6.667	6.000	0	0	0
Jumlah Taksa	25	31	24	15	19
Kelimpahan (sel/m^3)	2.676.668	2.650.000	2.020.000	1.794.999	4.203.334
Indeks Keragaman	2,23	1,81	1,57	0,74	1,09
Indeks Keseragaman	0,69	0,53	0,49	0,27	0,37
Indeks Dominansi	0,16	0,30	0,33	0,71	0,60

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Strip- SRC)

Bogor, 30 April 2013

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Manajer Teknis

Koordinat

SWS-03	Onshore	133° 27'25.0"	02° 34'54.0"
FNS-02	Nearshore	132° 46'44.0"	02° 46'27.0"
FNS-06	Nearshore	133° 23'48.0"	02° 28'42.0"
FNS-07	Nearshore	133° 33'47.3"	02° 15'08.9"
FNS-08	Nearshore	133° 38'38.2"	02° 28'03.8"

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No Analisa : P.128/III/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 5/12

Jenis Sampel : Plankton

Kelimpahan Zooplankton (Ind/m^3)

ORGANISME	P.5059-1	P.5059-2	P.5059-3	P.5059-4	P.5059-5
	SW-01	SW-03	NS-01	NS-02	NS-03
PROTOZOA					
Tintinnopsis sp.	44.110	6.516	3.208	25.063	5.013
Leprotintinnus sp.	63.158	5.514	0	14.035	2.506
Globorotalia sp.	7.018	0	1.203	3.008	0
Favella sp.	3.008	0	0	0	0
Eutintinnus sp.	8.020	0	0	0	0
Codonellopsis sp.	3.008	1.003	802	0	0
Acanthometron sp.	0	501	0	0	0
Amphorella sp.	0	2.506	0	1.003	0
Pleurspis sp.	0	0	0	0	0
Undella sp.	0	0	0	0	0
CRUSTACEAE					
Nauplius (stadia)	12.030	19.048	4.411	92.231	7.519
Acartia sp.	6.015	501	0	4.010	501
Calanus sp.	1.003	0	0	8.020	0
Oithona sp.	0	1.504	401	8.020	1.003
Microsetella sp.	0	0	1.203	2.005	0
Corycaeus sp.	0	0	0	0	0
UROCHORDATA					
Oikopleura sp.	5.013	1.504	0	0	1.504
PELECYPODA					
Larva Pelecypoda (sp1)	1.003	0	802	0	0
GASTROPODA					
Larva Gastropoda (sp1)	6.015	1.003	802	1.003	501
NEMATODA					
Larva Nematoda (sp1)	1.003	0	0	0	0
POLYCHAETA					
Larva Polychaeta (sp1)	0	0	1.203	0	0
Jumlah Taksa	13	10	9	10	7
Kelimpahan (Ind/m^3)	160.404	39.600	14.035	158.398	18.547
Indeks Keragaman	1,80	1,64	1,93	1,41	1,55
Indeks Keseragaman	0,70	0,71	0,88	0,61	0,79
Indeks Dominansi	0,25	0,29	0,18	0,38	0,27

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Sensus- SRC)

Koordinat

SW-01	Onshore	133° 06'16.2"	02° 27'59.8"
SW-03	Onshore	133° 16'29.3"	02° 31'54.8"
NS-01	Nearshore	132° 33'18.9"	02° 39'32.3"
NS-02	Nearshore	133° 05'35.1"	02° 27'01.3"
NS-03	Nearshore	133° 07'18.2"	02° 25'49.6"

Bogor, 30 April 2013

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No Analisa : P.128/III/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 6/12

Jenis Sampel : Plankton

Kelimpahan Zooplankton (Ind/m^3)

ORGANISME	P.5059-6	P.5059-7	P.5059-8	P.5059-9	P.5059-10
	NS-04	NS-05	NS-06	NS-07	NS-08
PROTOZOA					
Tintinnopsis sp.	15.038	9.023	6.015	9.023	30.827
Leprotintinnus sp.	3.008	3.759	0	3.008	0
Globorotalia sp.	0	0	0	0	0
Favella sp.	0	0	0	0	752
Eutintinnus sp.	0	0	0	0	0
Codonellopsis sp.	0	0	752	0	1.504
Acanthometron sp.	2.256	2.256	0	0	752
Amphorella sp.	3.008	0	0	0	2.256
Pleurspis sp.	0	2.256	0	0	0
Undella sp.	0	0	0	0	2.256
CRUSTACEAE					
Nauplius (stadia)	39.098	15.038	12.782	13.534	107.519
Acartia sp.	0	0	3.759	2.256	2.256
Calanus sp.	5.263	752	0	0	1.504
Oithona sp.	6.015	752	0	6.015	10.526
Microsetella sp.	752	0	0	0	0
Corycaeus sp.	0	0	0	752	752
UROCHORDATA					
Oikopleura sp.	0	0	0	0	0
PELECYPODA					
Larva Pelecypoda (sp1)	1.504	0	752	0	752
GASTROPODA					
Larva Gastropoda (sp1)	4.511	0	752	0	0
NEMATODA					
Larva Nematoda (sp1)	0	0	0	752	0
POLYCHAETA					
Larva Polychaeta (sp1)	0	752	0	0	752
Jumlah Taksa	10	8	6	7	13
Kelimpahan (Ind/m^3)	80.453	34.588	24.812	35.340	162.408
Indeks Keragaman	1,66	1,56	1,29	1,57	1,16
Indeks Keseragaman	0,72	0,75	0,72	0,81	0,45
Indeks Dominansi	0,29	0,28	0,35	0,25	0,48

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Sensus- SRC)

Koordinat

NS-04	Nearshore	133° 10'52.0"	02° 25'13.1"
NS-05	Nearshore	133° 19'55.5"	02° 27'53.3"
NS-06	Nearshore	133° 49'15.8"	02° 22'19.9"
NS-07	Nearshore	133° 15'00.9"	02° 13'43.3"
NS-08	Nearshore	132° 54' 49,0"	02° 17'19.0"

Bogor, 30 April 2013

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No Analisa : P.128/III/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 7/12

Jenis Sampel : Plankton

Kelimpahan Zooplankton (Ind/m^3)

ORGANISME	P.5059-11	P.5059-12	P.5059-13	P.5059-14	P.5059-15
	NS-09	OS-03	OS-06	OS-14	SWS-01
PROTOZOA					
Tintinnopsis sp.	13.534	9.774	5.514	11.529	96.441
Leprotintinnus sp.	1.504	2.256	4.511	0	22.155
Globorotalia sp.	0	0	0	0	5.213
Favella sp.	0	3.759	501	0	1.303
Eutintinnus sp.	0	0	0	0	0
Codonellopsis sp.	1.504	752	0	0	0
Acanthometron sp.	1.504	2.256	501	0	0
Amphorella sp.	752	2.256	0	1.504	0
Pleurspis sp.	0	0	0	0	3.910
Undella sp.	0	0	1.504	0	0
CRUSTACEAE					
Nauplius (stadia)	19.549	6.015	21.554	27.569	104.261
Acartia sp.	1.504	5.263	0	0	66.466
Calanus sp.	1.504	0	1.504	2.005	16.942
Oithona sp.	752	6.015	0	3.509	7.820
Microsetella sp.	0	0	0	1.504	0
Corycaeus sp.	0	2.256	2.005	0	0
UROCHORDATA					
Oikopleura sp.	2.256	0	0	0	3.910
PELECYPODA					
Larva Pelecypoda (sp1)	2.256	2.256	1.003	1.504	3.910
GASTROPODA					
Larva Gastropoda (sp1)	0	0	0	0	3.910
NEMATODA					
Larva Nematoda (sp1)	0	0	0	0	0
POLYCHAETA					
Larva Polychaeta (sp1)	752	0	0	0	0
Jumlah Taksa	12	11	9	7	12
Kelimpahan (Ind/m^3)	47.371	42.858	38.597	49.124	336.241
Indeks Keragaman	1,76	2,21	1,47	1,30	1,75
Indeks Keseragaman	0,71	0,92	0,67	0,67	0,71
Indeks Dominansi	0,26	0,13	0,35	0,38	0,23

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Sensus- SRC)

Koordinat

NS-09	Nearshore	132° 39'43.0"	02° 18' 25.0"
OS-03	Offshore	132° 44'40.4"	02° 41'50.3"
OS-06	Offshore	132° 58'32.2"	02° 30'42.2"
OS-14	Offshore	133° 40'57.4"	02° 21'15.5"
SWS-01	Onshore	132° 56'30.0"	02° 38'21.0"

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No Analisa : P.128/III/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 8/12

Jenis Sampel : Plankton

Kelimpahan Zooplankton (Ind/m^3)

ORGANISME	P.5059-16	P.5059-17	P.5059-18	P.5059-19	P.5059-20
	SWS-03	FNS-02	FNS-06	FNS-07	FNS-08
PROTOZOA					
Tintinnopsis sp.	16.040	21.654	14.035	5.514	8.822
Leprotintinnus sp.	5.013	12.331	1.504	0	401
Globorotalia sp.	1.504	0	2.005	0	0
Favella sp.	0	2.406	0	0	401
Eutintinnus sp.	0	5.714	0	0	0
Codonellopsis sp.	0	0	0	0	0
Acanthometron sp.	0	0	3.509	0	0
Amphorella sp.	0	1.504	0	501	3.810
Pleurspis sp.	1.003	0	0	0	0
Undella sp.	0	0	2.005	752	0
CRUSTACEAE					
Nauplius (stadia)	9.524	18.045	24.561	16.040	14.637
Acartia sp.	4.010	1.504	501	1.754	2.005
Calanus sp.	7.018	3.308	2.506	0	1.805
Oithona sp.	7.018	0	5.514	251	2.807
Microsetella sp.	0	0	0	0	201
Corycaeus sp.	0	0	0	0	0
UROCHORDATA					
Oikopleura sp.	501	602	1.504	1.253	0
PELECYPODA					
Larva Pelecypoda (sp1)	1.003	0	1.504	251	2.206
GASTROPODA					
Larva Gastropoda (sp1)	1.504	0	0	0	602
NEMATODA					
Larva Nematoda (sp1)	0	301	0	0	0
POLYCHAETA					
Larva Polychaeta (sp1)	0	301	501	0	0
Jumlah Taksa	11	11	12	8	11
Kelimpahan (Ind/m^3)	54.138	67.670	59.649	26.316	37.697
Indeks Keragaman	2,00	1,76	1,81	1,22	1,79
Indeks Keseragaman	0,83	0,73	0,73	0,59	0,75
Indeks Dominansi	0,17	0,22	0,24	0,42	0,23

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Sensus- SRC)

Koordinat

SWS-03	Onshore	133° 27'25.0"	02° 34'54.0"
FNS-02	Nearshore	132° 46'44.0"	02° 46'27.0"
FNS-06	Nearshore	133° 23'48.0"	02° 28'42.0"
FNS-07	Nearshore	133° 33'47.3"	02° 15'08.9"
FNS-08	Nearshore	133° 38'38.2"	02° 28'03.8"

Bogor, 30 April 2013

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No Analisa : P.128/III/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 9/12

Jenis Sampel : Bentos

Kepadatan Bentos (Ind/m^2)

ORGANISME	P.5059-1	P.5059-2	P.5059-4	P.5059-5	P.5059-6
	SW-01	SW-03	NS-02	NS-03	NS-04
POLYCHAETA					
Nephtys sp.	0	0	25	0	0
Lumbrineris sp.	0	0	25	0	0
Paraonis sp.	0	25	25	25	0
Prionospio sp.	0	0	50	0	50
Cirratulus sp.	0	0	25	0	0
Notomastus sp.	0	0	0	25	0
Nereis sp.	0	0	0	100	0
Ophelina sp.	0	0	0	0	25
Pherusa sp.	0	0	0	0	0
Heteromastus sp.	0	0	0	0	0
Goniada sp.	0	0	0	0	0
Glycera sp.	0	0	0	0	0
Phyllodoce sp.	0	0	0	0	0
Sigambra sp.	0	0	0	0	0
Aricidea sp.	0	0	0	0	0
Scoloplos sp.	0	0	0	0	0
Amphicteis sp.	0	0	0	0	0
Sternaspis sp.	0	0	0	0	0
NEMERTINA					
Tubulanus sp.	0	0	0	0	0
CRUSTACEAE					
Heterotanais sp.	100	125	0	0	0
Callianassa sp.	25	0	0	0	0
Megalopa of Branchyura (sp1)	0	0	25	0	0
SIPUNCULA					
Golfingia sp.	0	0	0	0	0
Phascolion sp.	0	0	0	25	0
Phascolopsis sp.	0	0	0	0	0
BRANCHIOPODA					
Anadara sp.	0	0	0	0	0
PELECYPODA					
Cardium sp.	0	0	0	0	0
Dosinia sp.	0	0	0	0	0
Tellina sp.	0	0	0	25	0
GASTROPODA					
Cypraea sp.	0	0	0	0	0
Natica sp.	0	0	0	0	0
ECINODERMATA					
Sub Class Ophiuroidea (sp1)	0	0	0	0	0
Jumlah Taksa	2	2	6	5	2
Kepadatan (Ind/m^2)	125	150	175	200	75
Indeks Keragaman	0,72	0,65	2,52	2,00	0,92
Indeks Keseragaman	0,72	0,65	0,98	0,86	0,92
Indeks Dominansi	0,68	0,72	0,18	0,31	0,56

Perhitungan Bentos menggunakan Log_2

Metoda : Pencacahan (Sensus)

Koordinat

SW-01	Onshore	133° 06'16.2"	02° 27'59.8"
SW-03	Onshore	133° 16'29.3"	02° 31'54.8"
NS-02	Nearshore	133° 05'35.1"	02° 27'01.3"
NS-03	Nearshore	133° 07'18.2"	02° 25'49.6"
NS-04	Nearshore	133° 10'52.0"	02° 25'13.1"

Bogor, 30 April 2013

LABORATORIUM PROLING
FAKULTAS PERIKANAN DAN ILMU KELAUTAN IPB

Dr. Ir. Niken T. M. Pratiwi, M.Si
Manajer Teknis

Laboratorium Pengujian
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No Analisa : P.128/III/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 10/12

Jenis Sampel : Bentos

Kepadatan Bentos (Ind/m^2)

ORGANISME	P.5059-7	P.5059-8	P.5059-9	P.5059-10
	NS-05	NS-06	NS-07	NS-08
POLYCHAETA				
Nephtys sp.	0	0	0	25
Lumbrineris sp.	25	0	0	0
Paraonis sp.	0	0	0	25
Prionospio sp.	25	0	0	0
Cirratulus sp.	0	0	0	0
Notomastus sp.	0	25	500	0
Nereis sp.	0	0	0	0
Ophelina sp.	25	0	0	0
Pherusa sp.	0	25	0	0
Heteromastus sp.	0	0	75	100
Goniada sp.	0	0	50	0
Glycera sp.	0	0	50	25
Phyllodoce sp.	0	0	0	25
Sigambra sp.	0	0	0	25
Aricidea sp.	0	0	0	125
Scoloplos sp.	0	0	0	25
Amphicteis sp.	0	0	0	25
Sternaspis sp.	0	0	0	0
NEMERTINA				
Tubulanus sp.	0	0	0	25
CRUSTACEAE				
Heterotanais sp.	0	0	0	0
Callianassa sp.	0	0	0	0
Megalopa of Branchyura (sp1)	0	0	0	0
SIPUNCULA				
Golfingia sp.	0	0	0	0
Phascolion sp.	0	0	0	0
Phascolopsis sp.	25	0	0	0
BRANCHIOPODA				
Anadara sp.	0	0	0	25
PELECYPODA				
Cardium sp.	0	0	0	0
Dosinia sp.	0	0	0	0
Tellina sp.	0	0	0	0
GASTROPODA				
Cypraea sp.	0	0	0	0
Natica sp.	0	375	0	0
ECINODERMATA				
Sub Class Ophiuroidea (sp1)	0	0	0	0
Jumlah Taksa	4	3	4	11
Kepadatan (Ind/m^2)	100	425	675	450
Indeks Keragaman	2,00	0,64	1,23	3,08
Indeks Keseragaman	1,00	0,40	0,61	0,89
Indeks Dominansi	0,25	0,79	0,57	0,15

Perhitungan Bentos menggunakan Log_2

Metoda : Pencacahan (Sensus)

Koordinat

NS-05	Nearshore	133° 19'55.5"	02° 27'53.3"
NS-06	Nearshore	133° 49'15.8"	02° 22'19.9"
NS-07	Nearshore	133° 15'00.9"	02° 13'43.3"
NS-08	Nearshore	132° 54' 49,0"	02° 17'19.0"

Bogor, 30 April 2013

LABORATORIUM PROLING
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No Analisa : P.128/III/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 11/12

Jenis Sampel : Bentos

Kepadatan Bentos (Ind/m^2)

ORGANISME	P.5059-11	P.5059-12	P.5059-13	P.5059-14	P.5059-15
	NS-09	OS-03	OS-06	OS-14	SWS-01
POLYCHAETA					
Nephtys sp.	0	0	0	0	25
Lumbrineris sp.	0	0	0	0	0
Paraonis sp.	0	0	0	0	0
Prionospio sp.	0	0	0	0	0
Cirratulus sp.	0	0	0	0	0
Notomastus sp.	0	0	0	25	0
Nereis sp.	0	0	0	0	0
Ophelina sp.	0	0	0	0	0
Pherusa sp.	0	0	0	0	0
Heteromastus sp.	0	0	0	0	25
Goniada sp.	0	0	0	0	0
Glycera sp.	0	0	0	0	0
Phyllodoce sp.	0	0	0	0	0
Sigambra sp.	25	0	0	0	0
Aricidea sp.	0	0	0	0	0
Scoloplos sp.	0	0	0	0	0
Amphicteis sp.	0	0	0	0	0
Sternaspis sp.	25	0	0	0	0
NEMERTINA					
Tubulanus sp.	50	25	0	0	0
CRUSTACEAE					
Heterotanais sp.	0	0	0	0	0
Callianassa sp.	0	0	0	0	0
Megalopa of Branchyura (sp1)	0	0	0	0	0
SIPUNCULA					
Golfingia sp.	0	0	0	0	25
Phascolion sp.	0	0	0	0	0
Phascolopsis sp.	0	0	0	0	0
BRANCHIOPODA					
Anadara sp.	0	0	0	0	0
PELECYPODA					
Cardium sp.	0	0	0	0	0
Dosinia sp.	0	0	0	0	0
Tellina sp.	0	0	0	0	0
GASTROPODA					
Cypraea sp.	0	0	0	0	0
Natica sp.	0	0	0	0	0
ECINODERMATA					
Sub Class Ophiuroidea (sp1)	0	0	25	0	0
Jumlah Taksa	3	1	1	1	3
Kepadatan (Ind/m^2)	100	25	25	25	75
Indeks Keragaman	1,50	0	0	0	1,58
Indeks Keseragaman	0,95	-	-	-	1,00
Indeks Dominansi	0,38	1,00	1,00	1,00	0,33

Perhitungan Bentos menggunakan Log_2

Metoda : Pencacahan (Sensus)

Koordinat

NS-09	Nearshore	132° 39'43.0"	02° 18' 25.0"
OS-03	Offshore	132° 44'40.4"	02° 41'50.3"
OS-06	Offshore	132° 58'32.2"	02° 30'42.2"
OS-14	Offshore	133° 40'57.4"	02° 21'15.5"
SWS-01	Onshore	132° 56'30.0"	02° 38'21.0"

Bogor, 30 April 2013

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No Analisa : P.128/III/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 12/12

Jenis Sampel : Bentos

Kepadatan Bentos (Ind/m^2)

ORGANISME	P.5059-16	P.5059-17	P.5059-18	P.5059-19	P.5059-20
	SWS-03	FNS-02	FNS-06	FNS-07	FNS-08
POLYCHAETA					
Nephtys sp.	0	25	0	0	0
Lumbrineris sp.	0	0	25	0	25
Paraonis sp.	0	0	0	50	0
Prionospio sp.	0	0	25	25	0
Cirratulus sp.	0	0	0	0	0
Notomastus sp.	0	0	0	0	0
Nereis sp.	0	0	0	0	0
Ophelina sp.	0	0	25	0	25
Pherusa sp.	0	0	0	0	0
Heteromastus sp.	0	0	0	0	0
Goniada sp.	0	25	0	0	0
Glycera sp.	0	0	0	0	0
Phyllodoce sp.	0	0	0	0	0
Sigambra sp.	0	0	0	0	0
Aricidea sp.	0	0	0	0	0
Scoloplos sp.	0	25	0	0	0
Amphicteis sp.	0	0	0	0	0
Sternaspis sp.	0	0	0	0	0
NEMERTINA					
Tubulanus sp.	0	0	0	0	0
CRUSTACEAE					
Heterotanais sp.	0	0	0	0	25
Callianassa sp.	0	0	0	0	0
Megalopa of Branchyura (sp1)	0	0	0	0	0
SIPUNCULA					
Golfingia sp.	0	0	0	0	0
Phascolion sp.	0	0	100	0	0
Phascolopsis sp.	0	0	0	0	0
BRANCHIOPODA					
Anadara sp.	0	0	0	0	0
PELECYPODA					
Cardium sp.	0	0	50	0	0
Dosinia sp.	0	25	0	0	0
Tellina sp.	0	0	0	0	0
GASTROPODA					
Cypraea sp.	25	0	0	0	0
Natica sp.	0	0	0	0	0
ECINODERMATA					
Sub Class Ophiuroidea (sp1)	0	0	0	0	0
Jumlah Taksa	1	4	5	2	3
Kepadatan (Ind/m^2)	25	100	225	75	75
Indeks Keragaman	0	2,00	2,06	0,92	1,58
Indeks Keseragaman	-	1,00	0,89	0,92	1,00
Indeks Dominansi	1,00	0,25	0,28	0,56	0,33

Perhitungan Bentos menggunakan Log_2

Metoda : Pencacahan (Sensus)

Koordinat

SWS-03	Onshore	133° 27'25.0"	02° 34'54.0"
FNS-02	Nearshore	132° 46'44.0"	02° 46'27.0"
FNS-06	Nearshore	133° 23'48.0"	02° 28'42.0"
FNS-07	Nearshore	133° 33'47.3"	02° 15'08.9"
FNS-08	Nearshore	133° 38'38.2"	02° 28'03.8"

Bogor, 30 April 2013

LABORATORIUM PROLING
FAKULTAS PERIKANAN DAN ILMU KELAUTAN IPB

Dr. Ir. Niken T. M. Pratiwi, M.Si
Manajer Teknis

LABORATORIUM PENGUJIAN
BAGIAN PRODUKTIVITAS DAN LINGKUNGAN PERAIRAN (ProLing)
DEPARTEMEN MANAJEMEN SUMBERDAYA PERAIRAN
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Komite Akreditasi Nasional
Laboratorium Penguji
LP - 425 - IDN

Nomor : P.165/IV/2013
Lampiran : 9 Lembar
Perihal : Laporan Hasil Analisis Laboratorium

Kepada Yth.
BP. Tangguh
Perkantoran Hijau Arkadia,Tower D-E
Jalan T.B Simatupang Kav.88
Jakarta 12520

Berikut ini kami sampaikan Laporan Hasil Analisis Laboratorium
sampel Biota (Plankton dan Benthos),penerimaan sampel tanggal 30 April 2013
dengan **Kode Lab P. 5095- (1-13)**
untuk kegiatan AMDAL BP Tangguh Expansion

Atas perhatian dan kerjasamanya kami ucapkan terima kasih.

Bogor, 4 Juni 2013

LABORATORIUM PROLING
FAKULTAS PERIKANAN DAN ILMU KELAUTAN IPB

Dr. Ir. Niken T. M. Pratiwi, M.Si
Manajer Teknis

HASIL PENGUJIAN INI TIDAK UNTUK DIGANDAKAN
DAN HANYA BERLAKU UNTUK SAMPEL-SAMPEL
TERSEBUT DI ATAS
PETUGAS PENGAMBIL SAMPEL
BERTANGGUNGJAWAB ATAS KEBENARAN SAMPEL
PENGADUAN TIDAK DILAYANI SETELAH 21 HARI
PENERBITAN SERTIFIKAT

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No Analisa : P.165/IV/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 1/9

Jenis Sampel : Plankton

Kelimpahan Fitoplankton (Sel/m^3)

ORGANISME	OS-01	OS-02	OS-04	OS-05	OS-07
	P.5095-1	P.5095-2	P.5095-3	P.5095-4	P.5095-5
CYANOPHYCEAE					
Trichodesmium sp.	88.050	880.012	1.645.047	1.044.025	6.993.711
BACILLARIOPHYCEAE					
Chaetoceros sp.	229.167	1.873.231	1.645.047	2.371.069	2.867.925
Bacteriastrum sp.	0	0	1.965	0	18.868
Thalassiothrix sp.	3.931	22.995	9.827	12.579	69.182
Thalassionema sp.	56.604	51.297	41.274	125.786	459.119
Thalassiosira sp.	32.626	25.649	46.187	578.616	710.692
Coscinodiscus sp.	40.487	20.342	66.824	50.314	540.881
Cyclotella sp.	2.358	10.613	0	0	0
Leptocylindrus sp.	3.931	3.538	39.308	56.604	18.868
Lauderia sp.	3.145	884	10.810	6.289	
Navicula sp.	28.695	6.191	3.931	31.447	125.786
Nitzschia sp.	15.330	10.613	6.879	37.736	12.579
Ditylum sp.	34.198	8.844	50.118	163.522	433.962
Pleurosigma sp.	2.752	10.613	21.619	31.447	18.868
Biddulphia sp.	21.619	7.960	56.014	88.050	232.704
Rhizosolenia sp.	16.509	16.804	16.706	62.893	37.736
Hemiaulus sp.	786	8.844	983	6.289	12.579
Guinardia sp.	393	884	983	0	0
Campyloneis sp.	786	884	0	0	0
Amphora sp.	786	1.769	0	0	0
Fragilaria sp.	0	883	0	0	0
Bacillaria sp.	0	5.307	0	0	0
Asteromphalus sp.	0	3.538	5.896	0	0
Surirella sp.	0	1.769	0	0	0
Diploneis sp.	0	884	0	0	0
Bellerochea sp.	0	13.267	0	0	37.736
Paralia *sp.*	0	0	0	0	37.736
Triceratium sp.	0	884	0	0	6.289
Hyalodiscus *sp.*	393	0	0	0	18.868
Hemidiscus sp.	0	0	0	0	0
Streptotheca sp.	0	0	0	0	0
Skeletonema sp.	0	0	0	0	0
Diatoma sp.	0	0	0	0	0
Climacosphenia sp.	0	0	0	0	0
DINOPHYCEAE					
Peridinium sp.	32.626	5.307	46.187	31.447	188.679
Ceratium sp.	3.931	884	11.792	0	56.604
Dinophysis sp.	393	884	7.862	0	25.157
Cladophyxis sp.	393	0	983	0	0
Gymnodinium sp.	0	884	1.965	0	0
Noctiluca sp.	0	0	983	0	0
Prorocentrum sp.	393	0	0	0	6.289
Goniodoma sp.	0	884	0	0	0
Jumlah Taksa	25	31	24	16	23
Kelimpahan (Sel/m^3)	620.282	2.997.342	3.739.190	4.698.113	12.930.818
Indeks Keragaman	2,18	1,08	1,28	1,56	1,54
Indeks Keseragaman	0,68	0,32	0,40	0,56	0,49
Indeks Dominansi	0,18	0,48	0,39	0,32	0,35

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Sensus- SRC)

Bogor, 4 Juni 2013

LABORATORIUM PROLING
FAKULTAS PERIKANAN DAN ILMU KELAUTAN IPB

Dr. Ir. Niken T. M. Pratiwi, M.Si
Manajer Teknis

Koordinat

OS-01	Offshore	132° 57'30.0"	02° 26'01.4"
OS-02	Offshore	132° 32'42.4"	02° 24'43.4"
OS-04	Offshore	132° 39'05.2"	02° 34'28.5"
OS-05	Offshore	132° 48'38.5"	02° 20'43.7"
OS-07	Offshore	133° 01'22.9"	02° 26'01.4"

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No Analisa : P.165/IV/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 2/9

Jenis Sampel : Plankton

Kelimpahan Fitoplankton (Sel/m^3)

ORGANISME	OS-08	OS-09	OS-10	OS-11	OS-12
	P.5095-6	P.5095-7	P.5095-8	P.5095-9	P.5095-10
CYANOPHYCEAE					
Trichodesmium sp.	61.321	3.100.629	5.723.279	2.250.000	1.548.742
BACILLARIOPHYCEAE					
Chaetoceros sp.	540.881	1.150.943	6.069.182	3.773.585	6.014.151
Bacteriastrum sp.	1.572	0	0	0	3.931
Thalassiothrix sp.	1.572	110.063	150.943	37.736	70.755
Thalassionema sp.	138.365	235.849	1.257.862	1.367.925	609.277
Thalassiosira sp.	248.428	358.491	113.208	1.155.660	998.428
Coscinodiscus sp.	121.069	125.786	767.296	750.000	593.553
Cyclotella sp.	0	6.289	12.579	0	11.792
Leptocylindrus sp.	6.289	12.579	0	0	3.931
Lauderia sp.	3.145	22.013	138.365	47.170	102.201
Navicula sp.	14.151	3.145	207.547	23.585	137.579
Nitzschia sp.	7.862	9.434	44.025	28.302	27.516
Ditylum sp.	81.761	31.447	1.433.962	924.528	318.396
Pleurosigma sp.	11.006	6.289	113.208	18.868	31.447
Biddulphia sp.	42.453	94.340	283.019	372.642	279.088
Rhizosolenia sp.	26.730	9.434	138.365	566.038	165.094
Hemiaulus sp.	0	0	12.579	0	0
Guinardia sp.	0	0	0	4.717	7.862
Campyloneis sp.	1.572	0	6.289	4.717	7.862
Amphora sp.	0	0	0	0	0
Fragilaria sp.	0	0	6.289	0	0
Bacillaria sp.	0	0	0	0	0
Asteromphalus sp.	1.572	0	18.868	4.717	0
Surirella sp.	0	0	0	0	0
Diploneis sp.	0	0	0	0	0
Bellerochea sp.	0	9.434	50.314	0	0
Paralia *sp.*	0	0	50.314	0	0
Triceratium sp.	1.572	0	12.579	75.472	7.862
Hyalodiscus *sp.*	1.572	0	0	9.434	3.931
Hemidiscus sp.	0	3.145	0	0	0
Streptotheca sp.	0	3.145	0	9.434	3.931
Skeletonema sp.	0	0	0	0	47.170
Diatoma sp.	0	0	0	0	0
Climacosphenia sp.	0	0	0	0	0
DINOPHYCEAE					
Peridinium sp.	42.453	94.340	88.050	18.868	90.409
Ceratium sp.	1.572	12.579	37.736	4.717	7.862
Dinophysis sp.	0	12.579	6.289	0	3.931
Cladophyxis sp.	0	0	0	0	0
Gymnodinium sp.	1.572	0	0	0	0
Noctiluca sp.	0	0	6.289	0	0
Prorocentrum sp.	3.145	0	6.289	0	0
Goniodoma sp.	0	0	0	0	0
Jumlah Taksa	23	21	26	21	25
Kelimpahan (Sel/m^3)	1.361.635	5.411.953	16.754.725	11.448.115	11.096.701
Indeks Keragaman	1,96	1,43	1,72	1,96	1,66
Indeks Keseragaman	0,62	0,47	0,53	0,64	0,52
Indeks Dominansi	0,22	0,38	0,26	0,19	0,33

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Sensus- SRC)

Bogor, 4 Juni 2013

LABORATORIUM PROLING
FAKULTAS PERIKANAN DAN ILMU KELAUTAN IPB

Dr. Ir. Niken T. M. Pratiwi, M.Si
Manajer Teknis

Koordinat

OS-08	Offshore	133° 08'17.0"	02° 18'58.0"
OS-09	Offshore	133° 06' 39,2"	02° 22'25.0"
OS-10	Offshore	133° 12'20.9"	02° 22'53.5"
OS-11	Offshore	133° 11'07.4"	02° 15'54.2"
OS-12	Offshore	133° 17'15.7"	02° 19'22.7"

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Jl. Agathis Gedung FPIK Lt. 1 Wing 14 Kampus IPB Darmaga Bogor 16680, Telp./Fax. (0251) 8621495 e-mail : proling_ipb@yahoo.com

No Analisa : P.165/IV/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 3/9

Jenis Sampel : Plankton

Kelimpahan Fitoplankton (Sel/m^3)

ORGANISME	OS-13	FOS-04	FOS-05
	P.5095-11	P.5095-12	P.5095-13
CYANOPHYCEAE			
Trichodesmium sp.	1.591.981	4.061.321	1.061.321
BACILLARIOPHYCEAE			
Chaetoceros sp.	5.700.472	1.682.193	2.638.561
Bacteriastrum sp.	0	0	6.879
Thalassiothrix sp.	1.179	26.533	22.602
Thalassionema sp.	74.686	30.955	142.492
Thalassiosira sp.	115.959	192.807	147.406
Coscinodiscus sp.	82.547	33.608	57.980
Cyclotella sp.	0	5.307	
Leptocylindrus sp.	1.179	3.538	3.931
Lauderia sp.	39.701	1.769	13.758
Navicula sp.	7.862	4.422	54.049
Nitzschia sp.	1.572	7.075	58.962
Ditylum sp.	33.412	33.608	98.270
Pleurosigma sp.	3.145	2.653	4.914
Biddulphia sp.	41.274	26.533	97.288
Rhizosolenia sp.	41.274	7.960	82.547
Hemiaulus sp.	0	0	1.965
Guinardia sp.	0	0	983
Campyloneis sp.	0	1.769	983
Amphora sp.	0	0	0
Fragilaria sp.	786	0	0
Bacillaria sp.	0	0	3.931
Asteromphalus sp.	0	884	0
Surirella sp.	0	0	0
Diploneis sp.	0	0	0
Bellerochea sp.	0	0	0
Paralia *sp.*	0	0	0
Triceratium sp.	0	884	1.965
Hyalodiscus *sp.*	0	0	2.948
Hemidiscus sp.	786	884	983
Streptotheca sp.	786	0	983
Skeletonema sp.	0	0	0
Diatoma sp.	0	2.653	0
Climacosphenia sp.	0	0	983
DINOPHYCEAE			
Peridinium sp.	3.931	5.307	9.357
Ceratium sp.	393	1.769	11.792
Dinophysis sp.	3.538	5.307	2.948
Cladophyxis sp.	0	0	0
Gymnodinium sp.	0	0	0
Noctiluca sp.	0	0	983
Prorocentrum sp.	0	0	0
Goniodoma sp.	0	0	0
Jumlah Taksa	20	23	28
Kelimpahan (Sel/m^3)	19.365.155	21.830.191	14.770.442
Indeks Keragaman	0,84	0,93	1,47
Indeks Keseragaman	0,28	0,30	0,44
Indeks Dominansi	0,58	0,51	0,38

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Sensus- SRC)

Bogor, 4 Juni 2013

LABORATORIUM PROLING
FAKULTAS PERIKANAN DAN ILMU KELAUTAN IPB

Dr. Ir. Niken T. M. Pratiwi, M.Si
Manajer Teknis

Koordinat

OS-13	Offshore	133° 26'19.4"	02° 20'06.5"
FOS-04	Offshore	132° 52'06.6"	02° 26'46.4"
FOS-05	Offshore	133° 01'56.1"	02° 22' 05.9"

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No Analisa : P.165/IV/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 4/9

Jenis Sampel : Plankton

Kelimpahan Zooplankton (Ind/m^3)

ORGANISME	OS-01	OS-02	OS-04	OS-05	OS-07
	P.5095-1	P.5095-2	P.5095-3	P.5095-4	P.5095-5
PROTOZOA					
Tintinnopsis sp.	1.194	1.011	975	709	2.837
Acanthometron sp.	366	213	414	296	0
Pleurspis sp.	47	27	384	355	0
Amphorella sp.	24	0	1064	296	946
Undella sp.	35	0	89	0	177
Favella sp.	35	186	768	177	1.951
Rhabdonella sp.	47	0	89	0	0
Eutintinnus sp.	118	0	355	0	650
Codonellopsis sp.	0	266	3044	0	0
Pleurocanium sp.	0	0	0	177	0
Leprotintinnus sp.	0	0	0	0	709
Globorotalia sp.	0	0	0	0	118
CRUSTACEAE					
Lucifer sp.	0	0	0	0	0
Nauplius (stadia)	11.456	4.894	29644	20.275	32.511
Acartia sp.	166	1.091	857	709	946
Calanus sp.	485	186	3458	4.019	2.896
Oithona sp.	1.088	1.011	1271	3.369	3.251
Conchoecia sp.	59	319	296	177	0
Macrosetella sp.	59	27	0	0	59
Microsetella sp.	118	80	709	1.064	709
Corycaeus sp.	35	133	473	650	1.005
CHAETOGNATA					
Sagitta sp.	0	0	384	0	118
POLYCHAETA					
Larva Polychaeta (sp1)	272	53	798	768	2.246
GASTROPODA					
Larva Gastropoda (sp1)	0	0	118	296	59
PELECYPODA					
Larva Pelecypoda (sp1)	473	53	739	1.300	1.832
COELENTERATA					
Larva Coelenterata (sp1)	24	0	0	177	0
NEMATODA					
Larva Nematoda (sp1)	0	0	0	0	177
UROCHORDATA					
Oikopleura sp.	437	319	4.285	4.847	3.901
Doliolum sp.	0	0	0	0	177
Jumlah Taksa	20	16	21	18	21
Kelimpahan (Ind/m^3)	16.538	9.869	50.214	39.661	57.275
Indeks Keragaman	1,32	1,80	1,71	1,79	1,78
Indeks Keseragaman	0,44	0,65	0,56	0,62	0,58
Indeks Dominansi	0,49	0,28	0,37	0,30	0,34

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Sensus- SRC)

Bogor, 4 Juni 2013

Koordinat

OS-01	Offshore	132° 57'30.0"	02° 26'01.4"
OS-02	Offshore	132° 32'42.4"	02° 24'43.4"
OS-04	Offshore	132° 39'05.2"	02° 34'28.5"
OS-05	Offshore	132° 48'38.5"	02° 20'43.7"
OS-07	Offshore	133° 01'22.9"	02° 26'01.4"

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No Analisa : P.165/IV/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 5/9

Jenis Sampel : Plankton

Kelimpahan Zooplankton (Ind/m^3)

ORGANISME	OS-08	OS-09	OS-10	OS-11	OS-12
	P.5095-6	P.5095-7	P.5095-8	P.5095-9	P.5095-10
PROTOZOA					
Tintinnopsis sp.	1.271	1.655	4.256	4.345	0
Acanthometron sp.	443	236	118	887	443
Pleurspis sp.	59	0	0	266	0
Amphorella sp.	0	1.241	355	0	0
Undella sp.	0	118	0	0	0
Favella sp.	0	59	946	532	443
Rhabdonella sp.	0	0	0	0	0
Eutintinnus sp.	0	0	0	0	0
Codonellopsis sp.	0	0	236	177	148
Pleurocanium sp.	0	0	0	355	0
Leprotintinnus sp.	0	1.005	1.182	266	0
Globorotalia sp.	30	0	0	0	0
CRUSTACEAE					
Lucifer sp.	0	0	355	0	0
Nauplius (stadia)	29.112	24.235	56.746	50.982	47.584
Acartia sp.	591	768	1.064	975	1.478
Calanus sp.	2.069	2.601	1.655	2.837	3.842
Oithona sp.	1.892	2.956	1.419	5.231	4.729
Conchoecia sp.	709	0	591	1.241	148
Macrosetella sp.	118	118	1.419	0	0
Microsetella sp.	325	1.596	0	443	443
Corycaeus sp.	148	0	118	0	443
CHAETOGNATA					
Sagitta sp.	0	0	355	0	0
POLYCHAETA					
Larva Polychaeta (sp1)	1.714	1.123	2.010	1.241	5.024
GASTROPODA					
Larva Gastropoda (sp1)	59	177	0	0	739
PELECYPODA					
Larva Pelecypoda (sp1)	768	414	236	3.103	739
COELENTERATA					
Larva Coelenterata (sp1)	0	59	0	0	0
NEMATODA					
Larva Nematoda (sp1)	0	118	118	0	0
UROCHORDATA					
Oikopleura sp.	2.217	1.773	2.364	3.724	3.251
Doliolum sp.	30	0	0	89	0
Jumlah Taksa	17	18	19	17	14
Kelimpahan (Ind/m^3)	41.555	40.252	75.543	76.694	69.454
Indeks Keragaman	1,29	1,62	1,17	1,41	1,27
Indeks Keseragaman	0,46	0,56	0,40	0,50	0,48
Indeks Dominansi	0,50	0,38	0,57	0,46	0,49

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Sensus- SRC)

Koordinat

OS-08	Offshore	133° 08'17.0"	02° 18'58.0"
OS-09	Offshore	133° 06' 39,2"	02° 22'25.0"
OS-10	Offshore	133° 12'20.9"	02° 22'53.5"
OS-11	Offshore	133° 11'07.4"	02° 15'54.2"
OS-12	Offshore	133° 17'15.7"	02° 19'22.7"

Bogor, 4 Juni 2013

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No Analisa : P.165/IV/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 6/9

Jenis Sampel : Plankton

Kelimpahan Zooplankton (Ind/m^3)

ORGANISME	OS-13	FOS-04	FOS-05
	P.5095-11	P.5095-12	P.5095-13
PROTOZOA			
Tintinnopsis sp.	1.626	3.074	7.519
Acanthometron sp.	443	709	313
Pleurspis sp.	148	355	157
Amphorella sp.	1.478	1.419	2.820
Undella sp.	0	0	313
Favella sp.	296	473	157
Rhabdonella sp.	0	0	0
Eutintinnus sp.	0	0	313
Codonellopsis sp.	148	4.492	2.506
Pleurocanium sp.	443	236	157
Leprotintinnus sp.	0	355	0
Globorotalia sp.	0	0	157
CRUSTACEAE			
Lucifer sp.	0	0	157
Nauplius (stadia)	31.919	30.619	89.442
Acartia sp.	591	828	313
Calanus sp.	591	3.074	2.193
Oithona sp.	1.034	4.729	9.085
Conchoecia sp.	0	473	313
Macrosetella sp.	0	0	157
Microsetella sp.	1.182	3.192	0
Corycaeus sp.	0	473	0
CHAETOGNATA			
Sagitta sp.	0	0	157
POLYCHAETA			
Larva Polychaeta (sp1)	0	591	1.880
GASTROPODA			
Larva Gastropoda (sp1)	443	355	157
PELECYPODA			
Larva Pelecypoda (sp1)	1.773	591	3.759
COELENTERATA			
Larva Coelenterata (sp1)	0	0	157
NEMATODA			
Larva Nematoda (sp1)	0	0	0
UROCHORDATA			
Oikopleura sp.	3.842	3.783	8.145
Doliolum sp.	148	236	0
Jumlah Taksa	16	20	23
Kelimpahan (Ind/m^3)	46.105	60.057	130.327
Indeks Keragaman	1,33	1,91	1,32
Indeks Keseragaman	0,48	0,64	0,42
Indeks Dominansi	0,49	0,29	0,49

Perhitungan Plankton menggunakan Ln
Metoda : Pencacahan (Sensus- SRC)

Koordinat

OS-13	Offshore	133° 26'19.4"	02° 20'06.5"
FOS-04	Offshore	132° 52'06.6"	02° 26'46.4"
FOS-05	Offshore	133° 01'56.1"	02° 22' 05.9"

Bogor, 4 Juni 2013

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No Analisa : P.165/IV/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 7/9

Jenis Sampel : Bentos

Kepadatan Bentos (Ind/m^2)

ORGANISME	OS-01	OS-02	OS-04	OS-05	OS-07
	P.5095-1	P.5095-2	P.5095-3	P.5095-4	P.5095-5
POLYCHAETA					
Eunice sp.	0	0	33	0	0
Prionospio sp.	0	0	25	0	0
Notomastus sp.	0	8	0	25	25
Nephtys sp.	8	0	33	0	0
Magelona sp.	0	0	0	0	8
Heteromastus sp.	0	0	8	0	0
Glycera sp.	0	0	8	0	8
Ophelina sp.	0	0	0	0	0
Paraonis sp.	0	33	0	17	0
Pectinaria sp.	0	0	0	0	8
Terebellides sp.	0	0	0	17	0
Pholoe sp.	0	0	0	0	8
Sigambra sp.	0	25	0	0	0
Lumbrineris sp.	0	0	0	0	0
Goniada sp.	0	0	8	0	0
Nereis sp.	0	0	8	0	0
Syllis sp.	0	0	17	0	0
Ammotryphane sp.	0	0	8	0	0
Omiphis sp.	0	0	8	17	0
Phyllodoce sp.	0	0	8	0	0
Orbinia sp.	0	0	0	17	0
Scoloplos sp.	0	0	0	17	8
Drilonereis sp.	0	0	0	8	0
Cirratulus sp.	0	0	0	0	25
Trichobranchus sp.	0	0	0	0	0
Marphysa sp.	0	0	0	0	0
Lepidonotus sp.	0	0	0	0	0
Aricidea sp.	0	0	0	0	0
NEMERTINA					
Tubulanus sp.	0	0	8	8	0
SIPUNCULA					
Golfingia sp.	0	0	8	25	0
CRUSTACEAE					
Dulichia sp.	0	0	8	0	8
Paramoera sp.	0	0	8	0	0
Ptilanthura sp.	0	0	0	8	0
Heterotanais sp.	0	0	0	0	8
Parasiphae sp.	0	8	8	25	17
Alpheus sp.	0	0	25	0	8
Trchypeneus sp.	0	0	0	8	0
Orgyrides sp.	0	33	0	0	0
Dardanus sp.	0	0	0	0	0
Cirolana sp.	0	0	0	0	0
ECHINODERMATA					
Sub Class Ophiuroidea (sp1)	0	0	0	0	0
PELECYPODA					
Tellina sp.	0	0	0	0	0
CEPHALOCHORDATA					
Branchiostoma sp.	0	0	33	0	0
PORIFERA (sp1)	0	0	0	0	8
Jumlah Taksa	1	5	18	12	12
Kepadatan (Ind/m^2)	8	107	262	192	139
Indeks Keragaman	0	2,10	3,88	3,46	3,39
Indeks Keseragaman	-	0,90	0,93	0,97	0,95
Indeks Dominansi	1	0,26	0,08	0,10	0,11

Perhitungan Bentos menggunakan Log_2

Metoda : Pencacahan (Sensus)

Bogor, 4 Juni 2013

LABORATORIUM PROLING
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Manajer Teknis

Koordinat

OS-01	Offshore	132° 57'30.0"	02° 26'01.4"
OS-02	Offshore	132° 32'42.4"	02° 24'43.4"
OS-04	Offshore	132° 39'05.2"	02° 34'28.5"
OS-05	Offshore	132° 48'38.5"	02° 20'43.7"
OS-07	Offshore	133° 01'22.9"	02° 26'01.4"

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No Analisa : P.165/IV/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 8/9

Jenis Sampel : Bentos

Kepadatan Bentos (Ind/m^2)

ORGANISME	OS-08	OS-09	OS-10	OS-11	OS-12
	P.5095-6	P.5095-7	P.5095-8	P.5095-9	P.5095-10
POLYCHAETA					
Eunice sp.	0	17	8	8	0
Prionospio sp.	0	0	0	0	0
Notomastus sp.	8	8	0	0	8
Nephtys sp.	0	17	8	8	0
Magelona sp.	0	0	0	0	0
Heteromastus sp.	0	0	0	0	0
Glycera sp.	8	17	0	0	8
Ophelina sp.	8	0	0	0	8
Paraonis sp.	0	0	0	8	8
Pectinaria sp.	25	0	0	0	0
Terebellides sp.	33	0	0	8	8
Pholoe sp.	0	0	0	0	0
Sigambra sp.	0	0	0	0	0
Lumbrineris sp.	0	8	0	0	8
Goniada sp.	0	0	0	0	0
Nereis sp.	0	0	0	0	0
Syllis sp.	0	0	0	0	0
Ammotryphane sp.	0	0	0	0	0
Omiphis sp.	0	0	0	0	0
Phyllodoce sp.	0	0	0	0	0
Orbinia sp.	0	0	0	0	0
Scoloplos sp.	17	0	0	0	0
Drilonereis sp.	0	0	0	0	0
Cirratulus sp.	8	0	0	0	0
Trichobranchus sp.	0	25	0	0	0
Marphysa sp.	8	0	0	0	0
Lepidonotus sp.	8	0	0	0	0
Aricidea sp.	0	0	0	8	8
NEMERTINA					
Tubulanus sp.	8	0	0	0	0
SIPUNCULA					
Golfingia sp.	0	0	0	0	0
CRUSTACEAE					
Dulichia sp.	0	0	0	0	0
Paramoera sp.	0	0	0	0	0
Ptilanthura sp.	0	0	0	8	0
Heterotanais sp.	0	0	0	0	0
Parasiphae sp.	0	0	0	0	0
Alpheus sp.	8	8	0	0	0
Trchypeneus sp.	0	0	0	8	0
Orgyrides sp.	0	0	0	0	0
Dardanus sp.	8	0	0	0	0
Cirolana sp.	0	0	0	0	0
ECHINODERMATA					
Sub Class Ophiuroidea (sp1)	0	8	0	0	0
PELECYPODA					
Tellina sp.	8	0	0	0	0
CEPHALOCHORDATA					
Branchiostoma sp.	0	0	0	0	0
PORIFERA (sp1)	8	0	0	0	0
Jumlah Taksa	14	8	2	7	7
Kepadatan (Ind/m^2)	163	108	16	56	56
Indeks Keragaman	3,57	2,86	1,00	2,81	2,81
Indeks Keseragaman	0,94	0,95	1,00	1,00	1,00
Indeks Dominansi	0,10	0,15	0,50	0,14	0,14

Perhitungan Bentos menggunakan Log_2

Metoda : Pencacahan (Sensus)

Bogor, 4 Juni 2013

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Manajer Teknis

Koordinat

OS-08	Offshore	133° 08'17.0"	02° 18'58.0"
OS-09	Offshore	133° 06' 39,2"	02° 22'25.0"
OS-10	Offshore	133° 12'20.9"	02° 22'53.5"
OS-11	Offshore	133° 11'07.4"	02° 15'54.2"
OS-12	Offshore	133° 17'15.7"	02° 19'22.7"

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Aquatic Productivity & Environment (ProLing)
Departemen of Aquatic Resources Management - Bogor Agricultural University

Jl. Agathis Gedung FPIK Lt. 1 Wing 14 Kampus IPB Darmaga Bogor 16680, Telp./Fax. (0251) 8621495 e-mail : proling_ipb@yahoo.com

No Analisa : P.165/IV/B/2013	HASIL ANALISIS LABORATORIUM	Halaman : 9/9

Jenis Sampel : Bentos

Kepadatan Bentos (Ind/m^2)

ORGANISME	OS-13	FOS-04	FOS-05
	P.5095-11	P.5095-12	P.5095-13
POLYCHAETA			
Eunice sp.	0	0	33
Prionospio sp.	0	0	8
Notomastus sp.	0	0	0
Nephtys sp.	8	17	25
Magelona sp.	0	0	0
Heteromastus sp.	0	0	0
Glycera sp.	0	0	0
Ophelina sp.	0	0	17
Paraonis sp.	8	42	17
Pectinaria sp.	0	0	0
Terebellides sp.	0	0	0
Pholoe sp.	0	0	0
Sigambra sp.	0	8	0
Lumbrineris sp.	0	0	0
Goniada sp.	0	0	0
Nereis sp.	0	0	0
Syllis sp.	0	0	0
Ammotryphane sp.	0	0	0
Omiphis sp.	0	0	0
Phyllodoce sp.	0	0	0
Orbinia sp.	0	0	8
Scoloplos sp.	0	0	0
Drilonereis sp.	0	0	0
Cirratulus sp.	8	0	0
Trichobranchus sp.	0	0	0
Marphysa sp.	0	0	17
Lepidonotus sp.	0	0	0
Aricidea sp.	0	0	0
NEMERTINA			
Tubulanus sp.	0	0	0
SIPUNCULA			
Golfingia sp.	0	0	0
CRUSTACEAE			
Dulichia sp.	0	0	0
Paramoera sp.	0	0	0
Ptilanthura sp.	0	8	8
Heterotanais sp.	0	0	0
Parasiphae sp.	0	0	0
Alpheus sp.	0	0	8
Trchypeneus sp.	0	0	0
Orgyrides sp.	0	0	0
Dardanus sp.	0	0	0
Cirolana sp.	0	8	0
ECHINODERMATA			
Sub Class Ophiuroidea (sp1)	0	0	0
PELECYPODA			
Tellina sp.	0	0	0
CEPHALOCHORDATA			
Branchiostoma sp.	0	0	0
PORIFERA (sp1)	0	0	0
Jumlah Taksa	3	5	9
Kepadatan (Ind/m^2)	24	83	141
Indeks Keragaman	1,58	2,09	3,31
Indeks Keseragaman	1,00	0,90	1,04
Indeks Dominansi	0,33	0,32	0,14

Perhitungan Bentos menggunakan Log_2

Metoda : Pencacahan (Sensus)

Bogor, 4 Juni 2013

LABORATORIUM PROLING
FAKULTAS PERIKANAN DAN ILMU KELAUTAN IPB

Dr. Ir. Niken T. M. Pratiwi, M.Si
Manajer Teknis

Koordinat

OS-13	Offshore	133° 26'19.4"	02° 20'06.5"
FOS-04	Offshore	132° 52'06.6"	02° 26'46.4"
FOS-05	Offshore	133° 01'56.1"	02° 22' 05.9"

Lampiran II. 5

Data Rona Lingkungan : Sampel Kualitas Tanah

KEMENTERIAN PERTANIAN
BADAN PENELITIAN DAN PENGEMBANGAN PERTANIAN
BALAI BESAR SUMBERDAYA LAHAN PERTANIAN
BALAI PENELITIAN TANAH

LABORATORIUM TANAH

Jl. Ir. H. Juanda No. 98, Bogor 16123. Telp: (0251) 8322933 Fax: (0251) 8322933

LAPORAN HASIL PENGUJIAN

HASIL ANALISIS CONTOH TANAH

Nomor : 1168/2013
Permintaan : PT ERM
Asal/Lokasi : -
O b j e k : -
Tgl.Penerimaan : 13 Juni 2013
Tgl.Pengujian : 17 - 28 Juni 2013
J u m l a h : 12 Contoh

Nomor Contoh			Batas Horison	Seri No.	Tekstur (pipet)			Ekstrak 1:5			Terhadap contoh kering 105 °C																
								pH		DHL	Bahan organik			HCl 25%						Nilai Tukar Kation (NH_4-Acetat 1N, pH7)							KCl 1N	
Urut	Balitanah	Pengirim	Atas -bawah	107	Pasir	Debu	Liat	H_2O	KCl		Walkley &Black C	Kjeldahl N	C/N	P_2O_5	K_2O	Olsen P_2O_5	Bray 1 P_2O_5	Morgan K_2O	Ca	Mg	K	Na	Jumlah	KTK	KB *	Al $^{3+}$	H $^{+}$
			cm		-------- % --------					dS/m	------ % ------			-- mg/100 g --		----- ppm -----		ppm	---------- cmol$_c$/kg ----------						%	--- cmol$_c$/kg ---	
1	13.06212	KSB XII Blok A		58	80	10	10	4,1	5,9		1,52	0,15	10	23	9	-	5,1	63	1,17	0,43	0,12	0,12	1,84	12,80	14	3,88	0,57
2	13.06213	KSB XIII Blok A		59	61	22	17	3,9	3,6		2,48	0,23	11	17	8	-	9,1	71	0,90	0,38	0,14	0,05	1,47	8,40	18	0,26	0,83
3	13.06214	KSB XIV Blok A		60	63	27	10	4,2	3,1		1,43	0,13	11	19	13	-	3,3	47	0,98	0,31	0,09	0,03	1,41	11,74	12	3,12	0,52
4	13.06215	KSB XV Blok B		61	26	44	30	4,5	3,7		1,30	0,13	10	46	18	-	3,1	78	6,47	0,91	0,15	0,04	7,57	17,04	44	3,73	0,55
5	13.06216	KSB XVI Blok C		62	75	17	8	4,4	3,7		2,82	0,25	11	21	11	-	33,5	67	3,17	0,61	0,13	0,06	3,97	12,31	32	0,10	0,41
6	13.06217	KSB XVII Blok G		63	78	6	16	4,2	3,4		1,56	0,15	10	19	7	-	7,5	31	0,82	0,22	0,06	0,04	1,14	6,85	17	1,15	0,33
7	13.06218	KSB XVIII Blok E		64	62	23	15	4,4	3,9		1,25	0,11	11	21	9	-	3,9	33	3,43	0,42	0,06	0,03	3,94	10,53	37	1,43	0,35
8	13.06219	KSB XIX Blok E		65	60	32	8	4,1	3,8		1,05	0,10	11	16	5	-	5,8	53	1,10	0,25	0,10	0,03	1,48	4,75	31	0,26	0,40
9	13.06220	KSB XX Blok E		66	66	15	19	4,4	3,6		1,32	0,11	12	19	8	-	3,9	42	1,76	0,40	0,08	0,07	2,31	11,72	20	2,81	0,50
10	13.06221	KSB XXI Blok F		67	66	28	6	3,8	3,4		2,31	0,19	12	15	4	-	3,4	41	0,72	0,28	0,08	0,07	1,15	9,52	12	0,58	1,03
11	13.06222	KSB XXII Blok F		68	56	34	10	4,1	3,5		1,73	0,15	12	16	4	-	7,8	17	0,72	0,25	0,03	0,07	1,07	7,53	14	1,49	0,49
12	13.06223	KSB XXIII Blok F		69	30	60	10	3,9	3,4		1,00	0,09	11	17	4	-	6,3	27	0,84	0,20	0,05	0,06	1,15	7,22	16	1,63	0,62

Nomor Contoh			Batas Horison	Seri No.	Terhadap contoh kering 105 °C										
					T o t a l (HNO_3 + $HClO_4$)										
Urut	Balitanah	Pengirim	Atas -bawah	107	Fe	Mn	Cu	Zn	Pb	Cd	Ni	Cr	As	Se	Hg
			cm		%	---------- ppm ----------									
1	13.06212	KSB XII Blok A		58	1,02	27,3	td	12,5	td	1,74	3,2	28,0	3,5	td	td
2	13.06213	KSB XIII Blok A		59	0,02	2,4	0,2	td	td	0,01	td	19,1	0,6	td	td
3	13.06214	KSB XIV Blok A		60	0,72	5,7	td	11,7	td	1,23	1,5	26,5	4,0	td	0,12
4	13.06215	KSB XV Blok B		61	1,06	104,7	1,5	20,5	td	1,69	10,0	25,9	3,7	td	td
5	13.06216	KSB XVI Blok C		62	0,03	5,6	0,5	1,0	td	0,03	td	10,0	0,7	td	td
6	13.06217	KSB XVII Blok G		63	0,47	2,1	0,7	3,3	td	0,90	td	23,2	4,5	td	0,09
7	13.06218	KSB XVIII Blok E		64	0,52	11,5	td	0,2	td	0,91	0,5	33,6	3,5	td	td
8	13.06219	KSB XIX Blok E		65	0,02	2,0	0,4	5,6	td	0,02	td	10,1	0,5	td	td
9	13.06220	KSB XX Blok E		66	0,52	5,8	0,5	1,3	td	0,87	3,6	30,3	4,5	td	td
10	13.06221	KSB XXI Blok F		67	0,02	1,1	0,2	0,0	td	0,02	1,5	5,3	0,1	td	0,07
11	13.06222	KSB XXII Blok F		68	0,06	1,1	0,1	0,9	td	0,03	td	8,1	0,6	td	td
12	13.06223	KSB XXIII Blok F		69	0,06	2,4	0,1	0,6	td	0,03	td	13,7	0,4	td	0,09

td = tidak terdeteksi

Bogor, 1 Juli 2013
Manajer Teknis,

Evati SS

BALAI PENELITIAN TANAH
LABORATORIUM FISIKA TANAH
Jalan Ir. H. Juanda 98
Bogor 16123
Telp. 0251 623617 - 621877

HASIL ANALISIS CONTOH FISIKA TANAH

Surat Perintah No. : 104/AF/VI/2013
Nama Pengirim : Teguh Yudana
Nama Instansi Pengirim : ERM Indonesia
Alamat Instansi Pengirim : Jl. Gatot Subroto Kav. 72 Jakarta
Tanggal Penerimaan Contoh : 24 Juni 2013
Tanggal Pengujian Contoh : 24 Juni s/d 15 Juli 2013
Lokasi Penelitian : -
Jumlah contoh : 6 (18 Ring)

Nomor				Kedala-man	Kadar Air	BD	PD	Ruang Pori Total	Kadar air				Pori Drainase		Air tersedia	Permea-bilitas
Urut	Seri		Contoh	(cm)	(% vol.)	g/cc	g/cc		pF1	pF 2	pF2.54	pF 4.2	Cepat	Lambat		
								% volume								cm/jam
1	13F	1117	FSK 6		39.4	1.21	2.37	49.0								5.87
2	13F	1118	FSK 7		38.9	1.29	2.51	48.6								1.24
3	13F	1119	FSK 8		49.7	1.08	2.40	55.3								0.19
4	13F	1120	FSK 9		33.5	1.22	2.43	49.9								2.42
5	13F	1121	FSK 10		24.9	1.17	2.37	50.9								0.17
6	13F	1122	FSK 13		26.2	1.13	2.13	46.8								8.88

Keterangan: Diameter pori pada (pF): (1) 296µ, (2) 28.6µ, (2,54) 8.6µ, dan (4,2) 0,2µ

Bogor, 15 Juli 2013
Penanggung Jawab

S.Sutono,SP,MSi

BALAI PENELITIAN TANAH
LABORATORIUM FISIKA TANAH
Jalan Ir. H. Juanda 98
Bogor 16123
Telp. 0251 623617 - 621877

HASIL ANALISIS CONTOH FISIKA TANAH

Surat Perintah No. : 104/AF/VI/2013
Nama Pengirim : Teguh Yudana
Nama Instansi Pengirim : ERM Indonesia
Alamat Instansi Pengirim : Jl. Gatot Subroto Kav. 72 Jakarta
Tanggal Penerimaan Contoh : 24 Juni 2013
Tanggal Pengujian Contoh : 24 Juni s/d 15 Juli 2013
Lokasi Penelitian :
Jumlah contoh : 6 (18 Ring)

Nomor				Keda-laman (cm)	Tekstur 10 Fraksi (%)									
Urut	Seri		Contoh		Fraksi Pasir					Fraksi Debu			Fraksi Liat	
					>1000 u	500 - 1000 u	200 - 500	100 - 200 u	50 - 100 u	20 - 50 u	10 - 20 u	2 - 10 u	0.05 - 2 u	0 - 0.05 u
1	13F	1117	FSK 6		0.1	0.8	0.9	5.4	21.8	37.8	12.5	3.7	11.2	5.8
2	13F	1118	FSK 7		0.2	0.6	9.6	17.4	31.2	22.4	7.2	2.4	6.7	2.3
3	13F	1119	FSK 8		0.1	0.8	1.6	2.3	6.2	29.8	15.1	4.1	32.8	7.2
4	13F	1120	FSK 9		0.9	0.6	5.9	24.8	19.8	19.1	3.8	2.1	18.2	4.8
5	13F	1121	FSK 10		0.1	0.3	1.2	5.5	14.9	39.4	23.2	9.4	4.1	1.9
6	13F	1122	FSK 13		0.4	3.9	51.2	14.9	5.6	6.8	3.2	2.0	8.2	3.8

Bogor, 15 Juli 2013
Penanggung Jawab

S.Sutono,SP,MSi

BALAI PENELITIAN TANAH
LABORATORIUM FISIKA TANAH
Jalan Ir. H. Juanda 98
Bogor 16123
Telp. 0251 623617 - 621877

HASIL ANALISIS CONTOH FISIKA TANAH

Surat Perintah No. : 109/AF/VI/2013
Nama Pengirim : Teguh Yudana
Nama Instansi Pengirim : ERM Indonesia
Alamat Instansi Pengirim : Jl. Gatot Subroto Kav. 72 Jakarta
Tanggal Penerimaan Contoh : 27 Juni 2013
Tanggal Pengujian Contoh : 27 Juni s/d 17 Juli 2013
Lokasi Penelitian : -
Jumlah contoh : 7

Nomor				Kedala-man (cm)	Kadar Air (% vol.)	BD g/cc	PD g/cc	Ruang Pori Total	Kadar air				Pori Drainase		Air tersedia	Permea-bilitas
Urut	Seri		Contoh						pF1	pF 2	pF2.54	pF 4.2	Cepat	Lambat		
								% volume								cm/jam
1	13F	1218	PCR I		36.5	1.25	2.35	46.7								1.96
2	13F	1219	PCR II		36.5	1.22	2.38	48.6								0.71
3	13F	1220	PCR III		36.1	1.43	2.50	43.0								8.52
4	13F	1221	PCR IV		27.2	1.37	2.56	46.5								7.82
5	13F	1222	PCR V		39.6	1.37	2.54	46.0								2.49
6	13F	1223	FSK 11		30.2	1.56	2.18	28.4								3.75
7	13F	1224	FSK 12		29.8	1.59	2.64	39.9								2.22

Keterangan: Diameter pori pada (pF): (1) 296µ, (2) 28.6µ, (2,54) 8.6µ, dan (4,2) 0,2µ

Bogor, 17 Juli 2013
Penanggung Jawab

S. Sutono, SP, MSi

BALAI PENELITIAN TANAH
LABORATORIUM FISIKA TANAH
Jalan Ir. H. Juanda 98
Bogor 16123
Telp. 0251 623617 - 621877

HASIL ANALISIS CONTOH FISIKA TANAH

Surat Perintah No. : 109/AF/VI/2013
Nama Pengirim : Teguh Yudana
Nama Instansi Pengirim : ERM Indonesia
Alamat Instansi Pengirim : Jl. Gatot Subroto Kav. 72 Jakarta
Tanggal Penerimaan Contoh : 27 Juni 2013
Tanggal Pengujian Contoh : 27 Juni s/d 17 Juli 2013
Lokasi Penelitian : -
Jumlah contoh : 7

Nomor				Keda-laman (cm)	Tekstur 10 Fraksi (%)									
					Fraksi Pasir					Fraksi Debu			Fraksi Liat	
Urut	Seri		Contoh		>1000 u	500 - 1000 u	200 - 500	100 - 200 u	50 - 100 u	20 - 50 u	10 - 20 u	2 - 10 u	0.05 - 2 u	0 - 0.05 u
1	13F	1218	PCR I		0.4	0.2	2.3	13.7	25.4	24.2	13.5	4.3	12.2	3.8
2	13F	1219	PCR II		0.1	0.3	6.5	6.4	13.7	32.2	20.0	0.8	14.8	6.2
3	13F	1220	PCR III		0.1	0.7	8.3	11.8	28.1	29.9	17.9	2.2	0.8	0.2
4	13F	1221	PCR IV		0.7	4.8	24.8	22.5	16.2	15.7	8.1	3.2	2.9	1.1
5	13F	1222	PCR V		21.1	0.3	1.2	5.5	14.9	30.5	19.8	1.7	3.2	1.8
6	13F	1223	FSK 11		0.5	0.1	29.6	23.1	16.7	17.8	6.6	1.6	2.1	1.9
7	13F	1224	FSK 12		0.1	0.7	25.6	9.9	8.7	26.3	18.7	4.0	3.8	2.2

Bogor, 17 Juli 2013
Penanggung Jawab

S.Sutono, SP,MSi

Lampiran II.6

Data Meteorologi

- Data Meteorologi Fakfak (1958-1983 dan 2004-2008)
- Data Meteorologi Manokwari (1998-2011)
- Data Meteorologi AERMET MM5 (2002-2012)

Lampiran II.6 Data Unsur – unsur Meteorologi Kabupaten Fakfak, Papua Barat

Bulan	Curah Hujan		Suhu Udara			Tek Udara (mbar)	Kelembaban	Angin
	1958-1983	2004-2008	Min	Max	Harian	2006-2008	(%)	(Knot)
Januari	382	301	22	31	30	993	82	12
Pebruari	226	212	22	30	29	993	82	12
Maret	287	225	22	30	28	993	83	9
April	211	338	22	30	29	994	86	10
Mei	299	284	22	30	30	994	87	9
Juni	475	353	22	29	28	994	86	9
Juli	342	307	22	28	28	995	88	12
Agustus	179	243	21	29	28	995	89	14
September	245	323	22	29	29	994	88	15
Oktober	225	222	22	30	30	993	85	10
November	239	165	22	30	29	993	85	12

Sumber : Stasiun Meteorologi BMKG Fakfak (2008)

Lampiran II.6 Data Curah Hujan Kota Manokwari, Papua Barat

Bulan	Januari	Februari	Maret	April	Mei	Juni	Juli	Agustus	September	Oktober	Nopember	Desember
1998	200	280	387	428	268	240	141	359	119	149	278	229
1999	114	284	212	452	278	199	242	242	130	176	430	357
2000	215	233	326	220	194	299	137	181	48	174	122	239
2001	230	497	585	204	272	106	77	59	201	84	107	517
2002	175	352	721	127	98	261	8	85	122	30	55	249
2003	220	243	237	171	63	49	78	118	26	70	46	248
2004	101	147	337	54	88	59	70	22	204	104	306	254
2005	562	256	180	100	204	162	82	224	204	192	252	182
2006	220	554	246	280	246	203	106	58	65	114	106	121
2007	225	213	201	220	126	140	120	110	108	115	126	210
2008	88	92	98	221	60	37	250	117	165	60	160	254
2009	268	300	423	85	102	143	51.9	52.2	70.7	110	90.2	210.7
2010	210	120	365	239	47	80	109	108	67	70	44	122
2011	165.4	80.3	238.7	128.5	401	307.7	216.2	251.7	172.4	142.5	204.9	225.6

Sumber : Stasiun Meteorologi Manokwari (2012)

Lampiran II-6 **Data Unsur Iklim (Suhu, Kelembaban, Tekanan Udara, Arah dan Kecepatan Angin) Rata-rata Sepuluh Tahun (2002 – 2012) di Tangguh LNG (2.4° LS dan 133.1° BT)**

Bulan	*Suhu*	*RH*	*Tekanan Udara (mbar)*	*Arah angin*	*Kecepatan angin*
Januari	26.4	84.3	1007.1	237.0	3.1
Pebruari	26.4	83.8	1007.5	229.4	3.0
Maret	26.3	83.2	1007.7	226.1	2.8
April	26.5	82.5	1007.7	221.4	2.4
Mei	26.4	82.9	1007.9	180.9	2.2
Juni	25.9	84.2	1008.5	165.9	2.3
Juli	25.4	85.1	1009.1	171.6	2.6
Agustus	25.4	83.6	1009.3	174.6	2.9
September	25.7	83.7	1009.0	183.4	2.6
Oktober	26.2	81.1	1008.3	179.3	2.4
November	26.5	81.4	1007.0	200.8	2.4
Januari	26.7	82.7	1006.6	219.8	2.6

Sumber : AERMET MM5 Worldwide Meteorological Data (2002 - 2011)

Lampiran II.7

Data Biologi Terestrial

Tabel 1. Daftar jenis flora di kawasan hutan BP Tangguh, Papua

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
	PTERYDOPHYTA						
	ADIANTACEAE						
1	*Acrostichum aureum* L.	Yatesa, catesa, piyai	Pk	Hdr-1, Hr, Sbc	TD	TT	TT
2	*Pityrogramma calomelanos* (L.) Link.	Batisa, nesanububu	Pk	Hdr-1, Hdr-2	TD	TT	TT
3	*Taenitis blechnoides* (Willd.) Swartz.	Tesa, wantaro, taa, siropa	Pk	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
	ASPLENIACEAE						
4	*Asplenium nidus* L.	Wadatene	Pk	Hdr-1, Hdr-2, Hdr-3, Hr, Hm	TD	TT	TT
5	*Athyrium sorzogonense*	Sp-59 T1	Pk	Hdr-1	TD	TT	TT
	ATHYRIACEAE						
6	*Diplazium bantamense* Bl.	Sp-27 T1	Pk	Hdr-1	TD	TT	TT
	BLECHNACEAE						
7	*Blechnum orientale* L.	Jatesakere, jatesa, wadora suri	Pk	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
8	*Blechnum polypodioides* Raddi	Jatesa	Pk	Sbc	TD	TT	TT
	CYATHEACEAE						
9	*Cyathea latebrosa* (Wall.) Copel.	Tegabe	Pk	Hdr-1, Hdr-2, Hdr-3	TD	App. II	TT
10	*Cyathea lurida* (Bl.) Copel.	Tegabe	Pk	Hdr-1	TD	App. II	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
	DAVALLIACEAE						
11	*Davallia canariensis* (L.) Sm.	Paku lipan	Pk	Sbc	TD	TT	TT
12	*Humata repens* (L. f.) J. Sm. ex Diel	Sp8-Pmk	He	Sbc	TD	TT	TT
	DENNSTAEDTIACEAE						
13	*Stenochlaena palustris* (Burm.f.) Bedd.	Wantaronisa, paku-paku	Pk	Hdr-1, Hdr-2, Hdr-3, Hr	TD	TT	TT
	GLEICHENIACEAE						
14	*Dicranopteris linearis* (Burm.) Underwood	Subute	Pk	Hdr-1	TD	TT	TT
15	*Gleichenia microphylla* R. Br.	Resam	He	Sbc	TD	TT	TT
	LINDSAEACEAE						
16	*Lindsaea lucida* Bl.	Huru huruma, subute nubu	Pk	Hdr-2	TD	TT	TT
17	*Lindsaea scandens* Hook.f.	Wantoro, wantaro	Pk	Hdr-2, Hdr-3	TD	TT	TT
	LOMARIOPSIDACEAE						
18	*Bolbitis hetroclita* (Presl.) Ching	Kafefeni	Pk	Hdr-2	TD	TT	TT
	LYCOPODIACEAE						
19	*Huperzia phlegmaria* (L.) Rothm.	Paku ular	Pk	Hdr-3	TD	TT	TT
20	*Lycopodium cernuum* L.	Sipu	Pk	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
21	*Lycopodium phlegmeria* Roth.	Tifere	Pk	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
	NEPROLEPIDACEAE						
22	*Nephrolepis falcata* (Cav.) C. Chr.	Watora	Pk	Hdr-1, Hdr-2, Hdr-3, Hr	TD	TT	TT
	POLYPODIACEAE						
23	*Cristela parasitiaca*	Sp-43 T5	Pk	Hdr-3	TD	TT	TT
24	*Drynaria sparsisora* (Desv.) Moore	Wetara	Pk	Hm	TD	TT	TT
25	*Lecanopteris carnosa* (Reinw.) Bl.	Wadatene	Pk	Hdr-1, Hdr-2, Hr, Hm	TD	TT	TT
	SCHIZAEACEAE						
26	*Lygodium circinatum* (Burm.) Sw.	Sanene, yatesa nesa	Pk	Sbc	TD	TT	TT
27	*Schizaea dichotoma* (L.) Sm.	Nufuria	Pk	Hdr-2	TD	TT	TT
	SELAGINELLACEAE						
28	*Selaginella ornata* Spring	Wantoro kenete	Pk	Hdr-1, Hdr-2	TD	TT	TT
29	*Selaginella plana* (Desv.) Hieron	Owe-owe	Pk	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
	THELYPTERIDACEAE						
30	*Sphaerostephanos unitus* (L.) Holttum	Pakis-1 T2P2	Pk	Hdr-1	TD	TT	TT
	VITTARIACEAE						
31	*Vittaria scolopendrina* (Borry) Thw.	Paku ahaka	Pk	Hdr-3	TD	TT	TT
32	*Vittaria suberosa* Christ.	Anggrek hijau	Pk	Hdr-1, Hdr-2, Hdr-3, Hr	TD	TT	TT
	GYMNOSPERMAE						
	ARAUCARIACEAE						

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
33	*Agathis labilardieri* Warb.	Damar	Ph	Hdr-2	TD	TT	LC Ver 2.3 (2010)
	GNETACEAE						
34	*Gnetum cuspidatum* Bl.	Kawaiki	Ln	Hdr-1, Hdr-3	TD	TT	TT
35	*Gnetum gnemon* L.	Ganemo, kawanisa	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
	PODOCARPACEAE						
36	*Nageia wallichiana* (Presl.) O. Kuntze.	Kayu cina	Ph	Hdr-3	TD	TT	LC Ver 2.3 (2010)
	SPERMATOPHYTA						
	MONOCOTYLEDONAE						
	AMARYLLIDACEAE						
37	*Crinum asiaticum* L.	Firiwo	He	Hr	TD	TT	TT
	ARACEAE						
38	*Alocasia sp.*	Madenawaro, madenawaro huruma	He	Hr	*Un.*	*Un.*	*Un.*
39	*Colocasia esculenta* (L.) Schott.	Madenawaro	He	Hdr-2	TD	TT	TT
40	*Pothos falcifolius* Engl. & K. Krause	Kagetisa daun kecil	Ep	Hdr-1, Hdr-2, Hdr-3, Hr	TD	TT	TT
41	*Rhaphidophora sylvestris* (Bl.) Engl.	Kagetisa daun besar/sedang	Ep	Hdr-1, Hdr-2, Hdr-3, Hr	TD	TT	TT
42	*Rhapidophora sp.*	Fato, ketu-ketu	Ep	Hdr-2, Hdr-3	*Un.*	*Un.*	*Un.*

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
	ARECACEAE						
43	*Areca catechu* L.	Pinang	Pl	Hdr-1, Hdr-2, Hdr-3, Hr	TD	TT	TT
44	*Arenga pinnata* (Wurb.) Merr.	Enau	Pl	Hdr-1	TD	TT	TT
45	*Calamus aruensis* Becc.	Rotan T1P1-1	Rt	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
46	*Calamus heteracanthus* Zipp.	Rotan-5 T1P4	Rt	Hdr-1	TD	TT	TT
47	*Calamus nannostachys* Burret	Rotan Sp 43-T1	Rt	Hdr-1	TD	TT	TT
48	*Calamus serrulatus* Becc.	Sp-22 T1	Rt	Hdr-1	TD	TT	TT
49	*Calamus sp*. 1	Rotan daun halus	Rt	Hdr-1, Hdr-2	*Un.*	*Un.*	*Un.*
50	*Calamus sp.* 2	Rotan-7 T1P10	Rt	Hdr-1	*Un.*	*Un.*	*Un.*
51	*Calamus sp.* 3	Rotan-7 T2P8	Rt	Hdr-1	*Un.*	*Un.*	*Un.*
52	*Callicarpa longifolia* Lam.	Pohon-2 T3P8	Ph	Hdr-2, Hdr-3	TD	TT	TT
53	*Caryota rhumphiana* Mast.	Miyate, wafa	Pl	Hdr-1, Hdr-2	TD	TT	TT
54	*Cocos nucifera* L.	Kelapa	Pl	Sbc	TD	TT	TT
55	*Gulubia costata* (Becc.) Becc.	Palem daun halus	Pl	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
56	*Korthalsia brassii* Burret	Rotan-6 T1P6	Rt	Hdr-1	TD	TT	TT
57	*Korthalsia sp.*	Sp-13 T1	Rt	Hdr-1	*Un.*	*Un.*	*Un.*
58	*Korthalsia zippelii* Bl.	Rotan-3 T1P3	Rt	Hdr-1, Hdr-2	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
59	*Licuala brevicalyx* Becc.	Palas duri	Pl	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
60	*Licuala* cf. *telifera* Becc.	Katiwo	Pl	Hdr-1	TD	TT	TT
61	*Licuala lauterbachii* Dam. & K. Schum.	Agaranesa	Pl	Hdr-1, Hdr-3	TD	TT	TT
62	*Livistona rotundifolia* (Lam.) Mart.	Sp9-Pmk	Pl	Sbc	TD	TT	TT
63	*Livistona sp*.	Congkok	Pl	Hdr-1, Hdr-2, Hdr-3	*Un.*	*Un.*	*Un.*
64	*Oncosperma filamentosum* Bl.	Nibung	Pl	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
65	*Rhapis excelsa* (Thunb.) A. Henry	Sp11-Pmk	Pl	Sbc	TD	TT	TT
66	*Zalacca blumeana* Mart.	Salak hutan	He	Hdr-1	TD	TT	TT
	COMMELINACEAE						
67	*Aneilema acuminatum* R.Br.	Sapo	He	Sbc	TD	TT	TT
	CYPERACEAE						
68	*Cyperus amabilis* Vahl.	Kafirsa	He	Sbc	TD	TT	TT
69	*Cyperus brevifolius* (Rottb.) Hassk.	Kafirsa, kavirsa	He	Hdr-1	TD	TT	TT
70	*Cyperus* cf. *flavidus* Retz.	Kafirsa, kavirsa	He	Hdr-1	TD	TT	TT
71	*Cyperus compressus* L.	Kafirsa, kavirsa	He	Hdr-1, Hr	TD	TT	TT
72	*Cyperus eragrostis* Vahl.	Kafirsa	He	Sbc	TD	TT	TT
73	*Cyperus iria* L.	Kafirsa	He	Sbc	TD	TT	TT
74	*Cyperus polystachyos* Rottb.	Kafirsa	He	Sbc	TD	TT	TT
75	*Fimbristylis* cf. *ovata* (N.L. Burm.) Kern.	Rumput kuda	He	Sbc	TD	TT	TT
76	*Kyllinga nemoralis* J.R. Forst. & G. Forst.	Rumput kenop	He	Sbc	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
77	*Scleria purpurascens* Steud.	Sori	He	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
	HELICONIACEAE						
78	*Heliconia aurantiaca* Ghiesbr.	Pisang hias	He	Sbc	TD	TT	TT
	LILIACEAE						
79	*Pleomele angustifolia* (Roxb.) N.E. Br.	Kisawe, kisawai, sawi	Pd	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
	MARANTHACEAE						
80	*Donax cannaeformis* (G. Forst.) K. Schum.	Sopage	He	Hdr-1, Hdr-3	TD	TT	TT
81	*Phrynium pubinerve*	Sp-53 T1	He	Hdr-1	TD	TT	TT
82	*Stachyphrynium borneense* Ridley	Sp-T1P9	He	Hdr-1, Hdr-3	TD	TT	TT
	MUSACEAE						
83	*Musa sp.*	Sapoge	He	Sbc	*Un.*	*Un.*	*Un.*
	ORCHIDACEAE						
84	*Bromheadia finlaysoniana* (Lindl.) Miq.	Pandan kecil	He	Hdr-1, Hdr-2	TD	App. II	TT
85	*Bulbophyllum sp.*	Anggrek putih	Ep	Hr	Un.	App. II	Un.
86	*Grammatophyllum speciosum Bl.*	Anggrek kuning	Ep	Hdr-1, Sbc	D	App. II	TT
87	*Pholidota chinensis Lindl.*	Anggrek bonggol	Ep	Hdr-2	TD	App. II	TT
88	*Spathoglottis plicata Bl.*	Anggrek tanah	He	Hdr-1, Hdr-2, Hdr-3	TD	App. II	TT
	PANDANACEAE						

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
89	*Freycinetia* cf. *negrosensis* Merr.	Pandan duri	Ep	Hdr-3	TD	TT	TT
90	*Freycinetia graminea* Bl.	Muki	Ep	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
91	*Pandanus inokumae* Kaneh.	Sp-57 T1	Pn	Hdr-1, Hr	TD	TT	TT
92	*Pandanus polycephalus* Lam.	Sp6-T1P4	Pn	Hdr-1	TD	TT	TT
93	*Pandanus sp*. 1	Pandan	Pn	Hdr-1	*Un.*	*Un.*	*Un.*
94	*Pandanus sp*. 1	Pandan daun kecil	Pn	Hdr-2	*Un.*	*Un.*	*Un.*
95	*Pandanus sp*. 2	Pandan rambat	Pn	Hdr-1, Hdr-2	*Un.*	*Un.*	*Un.*
96	*Pandanus sp*. 3	Pandan pohon, paku pohon	Pn	Hdr-1, Hdr-2, Hdr-3, Hr	*Un.*	*Un.*	*Un.*
	POACEAE						
97	*Axonopus compressus* (Swartz) Beauv	Rumput parit	He	Hdr-1, Hdr-2, Sbc	TD	TT	TT
98	*Bambusa forbesii* (Ridl.) Holttum	Tui	Bm	Hdr-3	TD	TT	TT
99	*Centotheca lappacea* (L.) Desv.	Itapo, kayenege nage, kafisa kayenege, kafirsatibi	He	Hr	TD	TT	TT
100	*Chloris barbata* (L.) Swartz	Sp3-Pmk	He	Sbc	TD	TT	TT
101	*Chrysopogon aciculatus* (Retz.) Trin.	Rumput jarum	He	Hr, Sbc	TD	TT	TT
102	*Cynodon dactylon* (L.) Pers.	Grintingan	He	Hdr-1, Hdr-2, Sbc	TD	TT	TT
103	*Cyperus rotundus* L.	Kafirsa, kavirsa	He	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
104	*Digitaria adscendens* (Kunth) Henrard.	Rumput gringting	He	Hdr-1, Hdr-2, Sbc	TD	TT	TT
105	*Digitaria ischaemum* Schreb. ex Schweigg.	Rumput gringting	He	Sbc	TD	TT	TT
106	*Echinochloa crus-galli* (L.) P. Beauv.	Sp5-Pmk	He	Sbc	TD	TT	TT
107	*Eleusine indica* (L.) Gaertner	Rumput tulangan	He	Sbc	TD	TT	TT
108	*Eragrostis tenella* L.	Kafisanisa	He	Sbc	TD	TT	TT
109	*Eriochloa punctata* (L.) Hamilt.	Sp-34 T1	He	Hdr-1	TD	TT	TT
110	*Imperata cyllindrica* (L.) Beauv.	Alang-alang	He	Hdr-1, Hdr-2, Hdr-3, Sbc	TD	TT	TT
111	*Paspalum conjugatum* Berg.	Kafirsa, kafirsa huruma	He	Hr	TD	TT	TT
112	*Phragmites karka Trin*	Perupok	He	Hr	TD	TT	TT
113	*Pogonarherum paniceum (Lamk.) Hack.,*	Rumput bambu	He	Hdr-1	TD	TT	TT
114	*Saccharum officinarum L.*	Tebu	He	Sbc	TD	TT	TT
	SMILAXACEAE						
115	*Smilax glauca* Mart.	Yo	Ln	Hdr-1, Hdr-2, Hdr-3, Hr	TD	TT	TT
116	*Smilax sp.*1	Cepe, kete	Ln	Hdr-3	*Un.*	*Un.*	*Un.*
	ZINGIBERACEAE						
117	*Alpinia sp.*	Musuri	He	Hdr-1, Hdr-3	*Un.*	*Un.*	*Un.*
118	*Costus speciosus* (Koenig) Smith	Kifiri	He	Hdr-2	TD	TT	TT
119	*Languas galanga* (L.) Stuntz.	Lengkuas	He	Sbc	TD	TT	TT
120	*Zingiber sp.*	Musuri huruma	He	Hdr-1, Hdr-2, Hdr-3	*Un.*	*Un.*	*Un.*

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
	DICOTYLEDONAE						
	ACANTHACEAE						
121	*Acanthus ilicifolius* L.	Kafenisa	He	Hr	TD	TT	TT
	AGAVACEAE						
122	*Yucca elephantipes* Regel	Sp13-Pmk	Pd	Sbc	TD	TT	TT
	ALOACEAE						
123	*Aloe vera* (L.) Burm.f.	Lidah buaya	Pd	Sbc	TD	TT	TT
	AMARANTHACEAE						
124	*Aerva sanguinolenta* (L.) Bl.	Sambang colok	He	Sbc	TD	TT	TT
125	*Amaranthus viridis* L.	Bayam-bayaman	He	Sbc	TD	TT	TT
	ANACARDIACEAE						
126	*Buchanania arborescens* (Bl.) Bl.	Sirawo	Ph	Hdr-2	TD	TT	TT
127	*Campnosperma auriculata* (Blume) Hook.f.	Kayu minyak	Ph	Hdr-2, Hdr-3	TD	TT	TT
128	*Campnosperma* cf. *brevipetiolata* Volk.	Pancang-5 T5P8	Ph	Hdr-3	TD	TT	TT
129	*Campnosperma montana* Laut.	Fine	Ph	Hdr-2, Hdr-3	TD	TT	TT
130	*Campnosperma sp.*	Fine	Ph	Hdr-1, Hdr-2	*Un.*	*Un.*	*Un.*
131	*Dracontomelon da'o* (Blanco) Merrill & Rolfe	Soma, itani, itane	Ph	Hdr-3	TD	TT	TT
132	*Koordersiodendron pinnatum* (Blanco) Merrill	Masoi	Ph	Hdr-2, Hdr-3	TD	TT	TT
133	*Mangifera* cf. *longipetiolata* King.	Weto	Ph	Hdr-1, Hdr-2	TD	TT	TT
134	*Mangifera foetida* Lour.	Witai, weto	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
	ANNONACEAE						

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
135	*Alphonsea sp.*	Ewata	Ph	Hdr-1, Hdr-2, Hdr-3	*Un.*	*Un.*	*Un.*
136	*Cyathocalyx petiolatus* Diels	Sp-31 T5	Ph	Hdr-3	TD	TT	TT
137	*Goniothalamus aruensis* Scheff.	Tangguh, dura, sea, tago, tagoh	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
138	*Goniothalamus cauliflorus* K. Sch.	Kayu minyak	Ph	Hdr-2, Hdr-3	TD	TT	TT
139	*Gonystylus macrophyllus* (Miq.) Airy Shaw	Yebi-yebi	Ph	Hdr-1, Hdr-2	TD	App. II	VU (2010)
140	*Popowia* sp. 2	Aroro, mueti	Ph	Hdr-2	*Un.*	*Un.*	*Un.*
141	*Pseuduvaria sp*.	Pancang-1 T3P7	Ph	Hdr-2	*Un.*	*Un.*	*Un.*
142	*Xylopia caudata* Hook.f. & Thoms.	Kibo	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
143	*Xylopia malayana* Hook.f. & Thoms.	Wena	Ph	Hdr-2	TD	TT	TT
	APOCYNACEAE						
144	*Allamanda cathartica* L.	Alamanda	Ln	Sbc	TD	TT	TT
145	*Alstonia scholaris* (L.) R. Br.	Yatofa	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
146	*Alstonia sp.*	Akar pulai	Ln	Hdr-1, Hdr-2, Hdr-3	*Un.*	*Un.*	*Un.*
147	*Alstonia spectabilis* Kurz.	Tabiso	Ph	Hdr-1, Hdr-2, Sbc	TD	TT	TT
148	*Nerium oleander* L.	Oleander	Pd	Sbc	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
149	*Tabernaemontana* cf. *aurantiaca* Gaudich.	Uturi, kufurtage	Ph	Hdr-3	TD	TT	TT
150	*Tabernaemontana pandacaqui* Lamk.	Kenawe, enoro	Ph	Hdr-3	TD	TT	TT
	AQUIFOLIACEAE						
151	*Ilex arnhemensis* (F. Muell.) Loes.	Sp1-T3	Ph	Hdr-2, Hdr-3	TD	TT	TT
	ARALIACEAE						
152	*Osmoxylon sp.*	Daun bungkus	Ph	Hdr-1	*Un.*	*Un.*	*Un.*
153	*Schefflera arboricola* (Hay.) Kan.	Ketete	Pd	Sbc	TD	TT	TT
	ASCLEPIADACEAE						
154	*Dischidia sp.*	Kihuninea, kisaro	Ep	Hdr-2, Hr	*Un.*	*Un.*	*Un.*
155	*Hoya* sp.	Anggrek kancing	Ln	Hr	*Un.*	*Un.*	*Un.*
156	*Sarcolobus globosus* Wall.	Turupo	Ln	Hdr-3	TD	TT	TT
	ASTERACEAE						
157	*Ageratum conyzoides* L.	Bandotan	He	Sbc	TD	TT	TT
158	*Blumea arfakiana* Martelli	Kerawai	Pd	Hdr-2, Hdr-3	TD	TT	TT
159	*Cosmos caudatus* Kunth.	Sp4-Pmk	He	Sbc	TD	TT	TT
160	*Eclipta alba* (L.) Hassk.	Urang aring	He	Sbc	TD	TT	TT
161	*Eleutheranthera ruderalis* (Sw.) Sch. -Bip	Sp6-Pmk	He	Sbc	TD	TT	TT
162	*Emilia sonchifolia* (L.) DC. ex Wight.	Tempuh wiyang	He	Hdr-1, Hr, Sbc	TD	TT	TT
163	*Eupatorium odoratum* L.f.	Kirinyuh	Pd	Hdr-2, Hdr-3, Sbc	TD	TT	TT
164	*Helianthus annuus* L.	Bunga matahari	He	Sbc	TD	TT	TT
165	*Mikania cordata* (Burm.f.) B.L. Robinson	Pipi kisiri, deda	Ln	Hdr-1, Hdr-2, Hdr-3, Sbc	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
166	*Nypa fruticans* Wurmb.	Nipa	Pl	Hr	TD	TT	TT
167	*Tagetes erecta* L.	Bunga tahi kotok	He	Sbc	TD	TT	TT
168	*Tridax procumbens* L.	Orang aring	He	Sbc	TD	TT	TT
169	*Vatica rassak* (Korth.) Bl.	Damar, arowe, kibi, parada, marada	Ph	Hdr-2, Hdr-3	TD	TT	LC Ver 2.3 (2010)
170	*Vernonia cinerea* (L.) Less.	Bese-bese	Pd	Hdr-1, Hdr-3, Sbc	TD	TT	TT
171	*Zinnia elegans* Jacq.	Bunga kertas	Pd	Sbc	TD	TT	TT
	BIGNONIACEAE						
172	*Dolichandrone spathacea* (L.f.) K. Sch.	Kakabora, kakabaura	Ph	Hr	TD	TT	TT
173	*Spathodea campanulata* Beauv.	Sepatudea	Ph	Sbc	TD	TT	TT
	BOMBACACEAE						
174	*Bombax ceiba* L.	Sp-7 T3	Ph	Hdr-2	TD	TT	TT
	BURSERACEAE						
175	*Canarium hirsutum* Willd.	Pare, para	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
176	*Canarium indicum* L.	Saera, mope	Ph	Hdr-2	TD	TT	TT
177	*Canarium maluense* Lauterb.	Yane, kipa	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
178	*Canarium sp.* 1	Kereru	Ph	Hdr-1	*Un.*	*Un.*	*Un.*
179	*Canarium vrieseanum* Engl.	Kifinege, tifinege, kifinage, kepa-kepa	Ph	Hdr-2	TD	TT	TT
180	*Haplolobus floribundus* (K. Schum.) H.J. Lam	Kiriya	Ph	Hdr-2	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
181	*Santiria apiculata* A.W. Benn.	Keda	Ph	Hdr-1	TD	TT	LC Ver 2.3 (2010)
182	*Santiria griffithii* Engl.	Wakore	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	LC Ver 2.3 (2010)
183	*Santiria laevigata* Blume	Wakore	Ph	Hdr-3	TD	TT	LC Ver 2.3 (2010)
	CAMPANULACEAE						
184	*Isothoma longiflora* (L.) C. Presl.	Kitolod	He	Sbc	TD	TT	TT
	CARICACEAE						
185	*Carica papaya* L.	Pepaya	He	Sbc	TD	TT	TT
	CASUARINACEAE						
186	*Casuarina equisetifolia* L.	Cemara laut	Ph	Sbc	TD	TT	TT
	CLUSIACEAE						
187	*Calophyllum inophyllum* L.	Kiririma	Ph	Sbc	TD	TT	TT
188	*Calophyllum insularum* P.F. Stevens.	Bintangur daun halus	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	EN B1+2c ver 2.3 (2010)
189	*Calophyllum persemile* P.F. Stevens	Bintangur daun lebar	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
190	*Calophyllum soulattri* Burm.f.	Isuri	Ph	Hdr-1, Hdr-2	TD	TT	TT
191	*Cratoxylon arborescens* Bl.	Pohon-1 T4P6	Ph	Hdr-2, Hdr-3	TD	TT	TT
192	*Garcinia celebica* L.	Anu	Ph	Hdr-2	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
193	*Garcinia* cf. *maluensis* Laut.	Sp-49 T1	Ph	Hdr-1, Hdr-2, Hdr-3, Hr	TD	TT	TT
194	*Garcinia mangostana* L.	Manggis	Ph	Hdr-1	TD	TT	TT
195	*Garcinia parvifolia* Miq.	Sira, tapo-tapo, siwi, enehu	Ph	Hdr-2, Hdr-3	TD	TT	TT
196	*Mammea sp.*	Mano, sobate	Ph	Hdr-2, Hdr-3	*Un.*	*Un.*	*Un.*
	COMBRETACEAE						
197	*Terminalia cattapa* L.	Kofa	Ph	Hr, Sbc	TD	TT	TT
198	*Terminalia sp.*	Semuel	Ph	Hdr-1	*Un.*	*Un.*	*Un.*
	CONNARACEAE						
199	*Connarus semidecandrus* Jack	Woro, kemeng, kena, wasema	Ln	Hdr-1, Hdr-2	TD	TT	TT
	CONVOLVULACEAE						
200	*Erycibe tomentosa* Bl.	Siwora, taho, poto	Ln	Hdr-1	TD	TT	TT
201	*Ipomoea aquatica* Forsk.	Kangkung	Ln	Sbc	TD	TT	TT
202	*Ipomoea cairica* (L.) Sweet.	Ubi rambat	He	Sbc	TD	TT	TT
203	*Ipomoea pes-caprae* (L.) R. Br.	Yeburta	Ln	Sbc	TD	TT	TT
204	*Merremia peltata* Merr.	Keyabona-1, keyamuh, tanaresa	Ln	Hdr-1, Hdr-2, Hdr-3, Sbc	TD	TT	TT
	DILLENIACEAE						
205	*Dillenia* cf. *indica* Blanco	Riba-riba	Ph	Hdr-1, Hdr-2	TD	TT	TT
206	*Dillenia philippinensis* Rolfe	Riba-riba	Ph	Sbc	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
207	*Tetracera nordtiana* F. Muell.	Nesaenage	Ln	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
	EBENACEAE						
208	*Diospyros buxifolia* Hiern.	Nesa, nubu, ketekisiri	Ph	Hdr-1, Hdr-2	TD	TT	TT
209	*Diospyros* cf. *bantamensis* Koord. & Valeton ex Benth.	Nawino, naigi	Ph	Hdr-1	TD	TT	TT
	ELAEOCAEPACEAE						
210	*Aceratium ledermannii* Schltr.	Pohon-1 T3P5	Ph	Hdr-2, Hdr-3	TD	TT	TT
211	*Elaeocarpus littoralis* Teijsm. & Binn.	Wafu	Ph	Hdr-2	TD	TT	TT
	ELATINACEAE						
212	*Bergia ammanniooides* Roxb. ex Roth	Sp1-Pmk	He	Sbc	TD	TT	TT
	EUPHORBIACEAE						
213	*Alchornea rugosa* (Lour.) Muell. Arg.	Sp-33 T3	Ph	Hdr-2, Hdr-3	TD	TT	TT
214	*Antidesma sp.*	Wowo, nobah	Ph	Hdr-2	*Un.*	*Un.*	*Un.*
215	*Aporosa* cf. *elmeri* Merr.	Tise, tuda, kapao	Ph	Hdr-3	TD	TT	TT
216	*Aporosa sp*. 1	Kise, roro, asu, yotoh, kumi	Ph	Hdr-2, Hdr-3	*Un.*	*Un.*	*Un.*
217	*Blumeodendron kurzii* (Hook.f.) J.J. Sm.	Winoh	Ph	Hdr-2	TD	TT	TT
218	*Breynia cernua* (Poir.) Muell. Arg.	Wanasi	Pd	Hdr-1, Hdr-2	TD	TT	TT
219	*Chamaesyce hypericifolia* (L.) Millsp.	Sp2-Pmk	He	Sbc	TD	TT	TT
220	*Claoxylon capilipes* Airy Shaw	Afata	Ln	Hdr-1, Hdr-3	TD	TT	TT
221	*Claoxylon sp*.	Tiang-1 T3P8	Ph	Hdr-2, Hdr-3	*Un.*	*Un.*	*Un.*

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
222	*Croton sp.*	Ibenepa, nono, saro, tenato, yepi-yepi	Ln	Hdr-3	*Un.*	*Un.*	*Un.*
223	*Endospermum moluccanum* (T. & B.) Kurz.	Kage	Ph	Hdr-1, Hdr-3	TD	TT	TT
224	*Euphorbia heterophylla* L.	Sp7-Pmk	He	Sbc	TD	TT	TT
225	*Euphorbia hirta* L.	Patikan kebo	He	Hdr-1, Sbc	TD	TT	TT
226	*Euphorbia milii* Des Moul.	Mahkota duri	Pd	Sbc	TD	TT	TT
227	*Euphorbia thymifolia* L.	Patikan cina	He	Sbc	TD	TT	TT
228	*Excoecaria indica* (Willd.) Muell. Arg.	Sp-2 T8P10	Ph	Hr	TD	TT	TT
229	*Galearia celebica* Koorders	Lingguah hutan	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
230	*Glochidion lutescens* Bl.	Seri	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
231	*Glochidion novoguineense* K. Sch.	Pohon-1 T3P4	Ph	Hdr-2	TD	TT	TT
232	*Homalanthus novoguineensis* (Warb.) Schum.	Neki-neki	Ph	Hdr-2, Sbc	TD	TT	TT
233	*Macaranga aleuritoides* F. Muell.	Sinatibi	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
234	*Macaranga conifera* Muell. Arg.	Sp-2 T4P4	Ph	Hdr-2, Hdr-3	TD	TT	TT
235	*Macaranga densiflora* Warb.	Sp-10 T1	Ph	Hdr-1	TD	TT	TT
236	*Macaranga gigantea* (Reichb.f. & Zoll.) Muell. Arg.	Mahang daun besar	Ph	Hdr-1, Hdr-3	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
237	*Macaranga involucrata* (Roxb.) Baillon	Mahang	Ph	Hdr-1, Hdr-2, Hdr-3, Sbc	TD	TT	TT
238	*Macaranga mappa* Muell. Arg.	Afo, watare, watera, watora	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
239	*Macaranga sp. 1*	Sp-2 T3P1	Ph	Hdr-2	*Un.*	*Un.*	*Un.*
240	*Macaranga sp. 2*	Sp-1 T3P5	Ph	Hdr-2	*Un.*	*Un.*	*Un.*
241	*Macaranga sp. 3*	Mahang daun lonjong	Ph	Hdr-2	*Un.*	*Un.*	*Un.*
242	*Macaranga tessellata* Gage	Kenawa, surupa	Ph	Hdr-1, Hdr-3	TD	TT	TT
243	*Mallotus mollissimus* (Geisel.) Airy Shaw	Siesan, senase	Ph	Hdr-1	TD	TT	TT
244	*Mallotus penangensis* Muell. Arg.	Sudu, sabeta, nege, sopoi-sopoi, pue-pue, kagonosa, dora, norara	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
245	*Manihot esculenta* Crantz	Singkong	Pd	Sbc	TD	TT	TT
246	*Pedilanthus tithymaloides* (L.) Poit.	Pohon sig-sag	He	Sbc	TD	TT	TT
247	*Phyllanthus urinaria* L.	Meniran	He	Sbc	TD	TT	TT
248	*Pimeleodendron amboinicum* Hassk.	Wadora, nota	Ph	Hdr-2, Hdr-3	TD	TT	TT
249	*Sloanea aberans* (Brandis) A.C. Smith	Eyah	Ph	Hdr-2, Hdr-3	TD	TT	TT
250	*Trigonostemon sp.*	Kenasoba	Ph	Hdr-3	*Un.*	*Un.*	*Un.*
	FABACEAE						
251	*Acacia mangium* Willd.	Akasia	Ph	Sbc	TD	TT	TT
252	*Adenanthera pavonina* L.	Fona	Ph	Hdr-2	TD	TT	TT
253	*Aganope heptaphylla* (L.) Polhill	Sp-36 T5	Ln	Hdr-3	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
254	*Archidendron clypearia* (Jack) Nielsen	Mapuge, maruge	Ph	Hdr-2, Hdr-3	TD	TT	TT
255	*Archidendron macrophylla*	Naepato	Ph	Hdr-2	TD	TT	TT
256	*Bauhinia sp.*	Akar bunga kupu-kupu	Ln	Hdr-3	*Un.*	*Un.*	*Un.*
257	*Caesalpinia crista* L.	Takuri, fegeta	Ln	Hdr-2	TD	TT	TT
258	*Cassia alata* L.	Maenanesa	Pd	Sbc	TD	TT	TT
259	*Centrosema pubescens* Bth.	Terari	Ln	Hdr-1	TD	TT	TT
260	*Clitoria ternatae* L.	Bunga ternate	Ln	Hdr-1, Hdr-3, Sbc	TD	TT	TT
261	*Crotalaria mucronata* Desv.	Lili	Pd	Sbc	TD	TT	TT
262	*Crotalaria retusa* L.	Lili	Pd	Sbc	TD	TT	TT
263	*Crotalaria striata* DC.	Lili	Pd	Hdr-1	TD	TT	TT
264	*Cynometra ramiflora* L.	Kiwibi	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
265	*Dalbergia candenatensis* (Dennst.) Prain	Tantega huruma	Ln	Hdr-1, Hr	TD	TT	TT
266	*Dalbergia rostata* Hassk.	Pipih	Ln	Hdr-2, Hdr-3	TD	TT	TT
267	*Derris trifoliata* Lour.	Fiso	Ln	Hr	TD	TT	TT
268	*Entada phaseoloides* (L.) Merr.	Kafeta, somasio, takuri	Ln	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
269	*Hymenaea courbaril* Linn.	Kiwibi, kiwi	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
270	*Inocarpus fagiferus* (Parkinson) Forsb.	Wisi, kibisi	Ph	Hr	TD	TT	TT
271	*Instia acuminata* Merrill	Merbau	Ph	Hdr-3	TD	TT	VU (2010)

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
272	*Intsia bijuga* A. Gray.	Merbau	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	VU (2010)
273	*Intsia palembanica* Miq.	Merbau	Ph	Hr	TD	TT	TT
274	*Leucaena leucocephala* (Lam.) de Wit	Lamtoro	Ph	Sbc	TD	TT	TT
275	*Maniltoa mariettae* Meeuwen	Kawena	Ph	Hdr-1	TD	TT	TT
276	*Maniltoa schefferi* K. Schum.	Kewebenesa	Ph	Hdr-3	TD	TT	TT
277	*Mimosa invisa* Martius ex Colla	Akar kacangan	Pd	Hr	TD	TT	TT
278	*Mimosa pigra* L.	Ki kerbau	Pd	Sbc	TD	TT	TT
279	*Mimosa pudica* L.	Putri malu	Pd	Hdr-1, Sbc	TD	TT	TT
280	*Pericopsis mooniana* Thwaites	Pohon-3 T3P8	Ph	Hdr-2, Hdr-3	TD	TT	VU (2010)
281	*Pongamia pinnata* (L.) Pierre	Kimura, kiriri, kiropa	Ph	Hr	TD	TT	TT
282	*Samanea saman* (Jacq.) Merr.	Trembesi	Ph	Sbc	TD	TT	TT
283	*Sesbania grandiflora* (L.) Poiret	Turi	Ph	Sbc	TD	TT	TT
284	*Tephrosia purpurea* (L.) Pers.	Kirisi	Pd	Hdr-1	TD	TT	TT
285	*Vigna sinensis* (L.) Savi ex Hassk.	Kacang panjang	Ln	Sbc	TD	TT	TT
	FLACOURTIACEAE						
286	*Casearia erythrocarpa*	Pohon-2 T3P3	Ph	Hdr-2, Hdr-3	TD	TT	TT
287	*Erythrospermum candidum* (Becc.) Becc.	Pohon-2 T3P1	Ph	Hdr-2, Hdr-3	TD	TT	TT
288	*Flacourtia rukam* Z. & M.	Segamo	Ph	Hdr-1	TD	TT	TT
289	*Hydnocarpus anthelmintica* Pierre.	Merica-mericaan	He	Hdr-1	TD	TT	TT
290	*Pangium edule* Reinw.	Sego	Ph	Hdr-1, Hdr-2	TD	TT	TT
	FLAGELLARIACEAE						

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
291	*Flagellaria indica* L.	Yesirara	Ln	Hdr-1, Hdr-2, Hdr-3, Hr	TD	TT	TT
	GESNERIACEAE						
292	*Cyrtandra sp*.	Sp-1 T3P1	Pd	Hdr-2	*Un.*	*Un.*	*Un.*
	ICACINACEAE						
293	*Medusanthera* sp.	Fete	Ph	Hdr-3	*Un.*	*Un.*	*Un.*
	IRIDACEAE						
294	*Neomarica longifolia* Sprague	Sp10-Pmk	He	Sbc	TD	TT	TT
	LAMIACEAE						
295	*Hyptis rhomboidea* M. Martens & Gal.	Daun pusar	He	Sbc	TD	TT	TT
296	*Leucas lavendulaefolia* J.E. Smith.	Leng-lengan	He	Sbc	TD	TT	TT
297	*Ocimum sanctum* L.	Lampes	Pd	Sbc	TD	TT	TT
	LAURACEAE						
298	*Actinodaphne malaccensis* Hook.f	Tiang T2P1	Ph	Hdr-1, Hdr-2	TD	TT	TT
299	*Beilschmiedia sp.*	Gambir	Ph	Hdr-2	*Un.*	*Un.*	*Un.*
300	*Cinnamomum culitlawan* (L.) Kosterm.	Kulilawan	Ph	Hdr-2, Hdr-3	TD	TT	TT
301	*Cryptocarya cagayanensis* Merr.	Yebere	Ph	Hdr-3	TD	TT	TT
302	*Cryptocarya* cf. *strictifolia* Kosterm.	Kobe	Ph	Hdr-3	TD	TT	TT
303	*Cryptocarya mentek* Blume ex Nees	Wano	Ph	Hdr-3	TD	TT	TT
304	*Cryptocarya sp.* 1	Katoto, yaguru, sipe-sipe	Ph	Hdr-3	*Un.*	*Un.*	*Un.*
305	*Cryptocarya sp.* 2	Katoto	Ph	Hdr-3	*Un.*	*Un.*	*Un.*
306	*Cryptocarya sp.* 3	Katoto	Ph	Hdr-3	*Un.*	*Un.*	*Un.*
307	*Cryptocarya weinlandii* K. Schum. & Lauterb.	Tore, sowara	Ph	Hdr-3	TD	TT	TT
308	*Litsea firma* Hook.f.	Berepa, huru hurumi	Ph	Hdr-1	TD	TT	TT
	LECYTHIDACEAE						
309	*Barringtonia asiatica* (L.) Kurz.	Kofa	Ph	Sbc	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
310	*Barringtonia racemosa* Hort. ex Miq.	Soma-soma, kofa	Ph	Hdr-1, Hdr-2, Hdr-3, Hr	TD	TT	TT
	LEEACEAE						
311	*Leea simplicifolia* Z. & M.	Tafatata	Pd	Hdr-1	TD	TT	TT
	LINACEAE						
312	*Hugonia jenkinsii* F. Muell.	Sp2-T2P9	Ln	Hdr-1, Hr	TD	TT	TT
	LOGANIACEAE						
313	*Neuburgia corynocarpa* (A. Gray) Leenh.	Sp-5 T1	Ph	Hdr-1, Hdr-2, Hr	TD	TT	TT
314	*Spigelia anthelmia* L.	Sp12-Pmk	He	Sbc	TD	TT	TT
	MALPHIGIACEAE						
315	*Hiptage benghalensis* (L.) Kurz.	Eko	Pd	Hr	TD	TT	TT
	MALVACEAE						
316	*Hibiscus mutabilis* L.	Waru landak	Pd	Sbc	TD	TT	TT
317	*Hibiscus rosa-sinensis* L.	Kembang sepatu	Pd	Sbc	TD	TT	TT
318	*Hibiscus sabdariffa* L.	Rosela	Pd	Sbc	TD	TT	TT
319	*Hibiscus syriacus* L.	Bunga sepatu mawar	Pd	Sbc	TD	TT	TT
320	*Hibiscus tiliaceus* L.	Kitis, kitisi	Ph	Hr, Sbc	TD	TT	TT
321	*Sida rhombifolia* L.	Sidaguri	Pd	Sbc	TD	TT	TT
322	*Urena lobata* L.	Pulutan	Pd	Sbc	TD	TT	TT
	MELASTOMATACEAE						
323	*Clidemia hirta* (L.) D. Don	Wato-wato, soroto	Pd	Hdr-2, Hdr-3, Hr	TD	TT	TT
324	*Dissochaeta sp.*	Rere	Ln	Hdr-1, Hdr-2, Hdr-3	*Un.*	*Un.*	*Un.*

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
325	*Melastoma malabathricum* Linn.	Nede-nede, nida-nida	Pd	Hdr-1, Hdr-2, Hdr-3, Sbc	TD	TT	TT
326	*Memecylon* cf. *oleaefolium* Baker	Kiwibi	Ph	Hdr-2	TD	TT	TT
327	*Memecylon* cf. *ovatum* Sm.	Isuri	Ph	Hr	TD	TT	TT
328	*Memecylon edule* Roxburgh	Tera-tera	Ph	Hdr-3	TD	TT	TT
	MELIACEAE						
329	*Aglaia argentea* Blume	Suma, tafabu, tafabo	Ph	Hdr-1, Hdr-2	TD	TT	TT
330	*Aglaia tomentosa* Merrill	Tawo, weto, vetau	Ph	Hdr-1, Hdr-2, Hdr-3, Hr	TD	TT	TT
331	*Dysoxylum arborescens* Miq.	Wasora, mora-mora, mura-mura	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
	MENISPERMACEAE						
332	*Hypserpa laurina* (F. Muell.) Diels	Opegai, tega-tega, enepa	Ln	Hdr-2	TD	TT	TT
333	*Stemona tuberosa* Lour.	Kate	He	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
334	*Tinospora tuberculata* (Lamk.) Beumee.	Brotowali	Ln	Hdr-1	TD	TT	TT
	MONIMIACEAE						
335	*Steganthera hirsuta* (Warb.) Parkinson	Kena, ideh, tepu, kosi	Ph	Hdr-2, Hdr-3	TD	TT	TT
336	*Steganthera schumanniana* Parkinson	Nipuri	Ph	Hdr-1	TD	TT	TT
	MORACEAE						

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
337	*Artocarpus altilis* (Parkinson) Fosberg.	Sukun hutan	Ph	Hdr-1, Hdr-2, Hdr-3, Hr	TD	TT	TT
338	*Artocarpus integer* (Thunb.) Merr.	Aruta, cempedak	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
339	*Artocarpus teysmannii* Miq.	Adaura	Ph	Hdr-3	TD	TT	TT
340	*Ficus benjamina* L.	Tanage, ikimuri	Ph	Hdr-1, Hdr-2, Hdr-3, Hr, Hm	TD	TT	TT
341	*Ficus binnendykii* (Miq.) Miq.	Akar ara	Ln	Hr	TD	TT	TT
342	*Ficus callosa* Willd.	Beringin daun besar	Ph	Hdr-2	TD	TT	TT
343	*Ficus congesta* Roxb.	Yebe	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
344	*Ficus elastica* Roxburgh ex Hornem	Nepanata	Ph	Hdr-1, Hdr-2, Hdr-3, Sbc	TD	TT	TT
345	*Ficus fistulosa* Reinw. ex Bl.	Wiptatara	Ph	Hdr-1	TD	TT	TT
346	*Ficus hirta* Vahl.	Sp-20 T1	Pd	Hdr-1	TD	TT	TT
347	*Ficus miquelii* King	Tewa	Ln	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
348	*Ficus obscura* Bl.	Idona	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
349	*Ficus pumila* L.	Sapo-sapo, sapara	Ep	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
350	*Ficus quercifolia* Roxburgh	Pancang-2 T1P10	Ph	Hdr-1	TD	TT	TT
351	*Ficus sp.*	Pancang-9 T6P2	Ph	Hdr-3	*Un.*	*Un.*	*Un.*
352	*Ficus sp.*	Benabo	Ph	Hr	*Un.*	*Un.*	*Un.*
353	*Ficus sp.*	Beringin batu	Ph	Hr	*Un.*	*Un.*	*Un.*
354	*Ficus tinctoria* Forst. f. subsp. tinctoria	Sp-15 T3	Ph	Hdr-2, Hdr-3	TD	TT	TT
355	*Ficus variegata* Bl.	Koma	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
356	*Ficus virens* W. Ait.	Tororo, koma	Ph	Hdr-1, Hdr-2, Hdr-3, Hr, Sbc	TD	TT	TT
357	*Ficus wassa* Roxb.	Pohon-1 T2P7	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
358	*Prainea papuana* Becc.	Pancang-1 T1P9	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
	MYRISTICACEAE						
359	*Horsfieldia irya* (Gaertn.) Warb.	Firoro, nete-nete	Ph	Hdr-1, Hdr-3	TD	TT	LC Ver 2.3 (2010)
360	*Horsfieldia sp.* 1	Firoro, nete-nete	Ph	Hdr-2	*Un.*	*Un.*	*Un.*

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
361	*Myristica* cf. *lancifolia* Merrill	Nate, nesaro	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	VU (2010)
362	*Myristica fatua* Houtt.	Yah, nota, nepah, wafe	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
363	*Myristica globosa* Warb.	Sp5-T1P4	Ph	Hdr-1, Hdr-2	TD	TT	NT Ver 2.3 (2010)
364	*Myristica inutilis* Rich. ex A. Gray	Wafe	Ph	Hdr-2, Hdr-3	TD	TT	TT
	MYRSINACEAE						
365	*Conandrium rhynchocarpum* (Scheff.) Mez	Sp-5 T2	Ph	Hdr-1, Hdr-3	TD	TT	TT
366	*Embelia* cf. *ribes* Burm.f.	Poto, wadonaya	Ln	Hdr-2	TD	TT	TT
	MYRTACEAE						
367	*Decaspermum bracteatum* (Roxb.) A.J. Schott.	Mayatatabo, surimayata	Ph	Hr	TD	TT	TT
368	*Eugenia acorantha* Diels.	Tupu, wani, pero	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
369	*Melaleuca leucadendron* (L.) L.	Musuba	Ph	Hdr-1, Hdr-2, Sbc	TD	TT	TT
370	*Rhodamnia latifolia* (Benth.) Miq.	Watartesa, senapa, senepa, sapartesa	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
371	*Syzygium* aff. *puberulum* Merrill & Perry	Sp-2 T3	Ph	Hdr-2	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
372	*Syzygium sp*. 1	Wose	Ph	Hdr-1, Hdr-2, Hdr-3	*Un.*	*Un.*	*Un.*
373	*Syzygium sp.* 2	Tawa	Ph	Hdr-2, Hdr-3	*Un.*	*Un.*	*Un.*
374	*Syzygium sp.* 3	Sioto-sioto	Ph	Hdr-2, Hdr-3, Hr	*Un.*	*Un.*	*Un.*
375	*Syzygium sp.* 4	Sioto-sioto	Ph	Hdr-2, Hdr-3	*Un.*	*Un.*	*Un.*
376	*Syzygium sp*. 5	Atoa	Ph	Hdr-2, Hdr-3	*Un.*	*Un.*	*Un.*
377	*Syzygium sp. 6*	Sp-1 T4P7	Ph	Hdr-2, Hdr-3	*Un.*	*Un.*	*Un.*
378	*Syzygium sp*. 7	Sp-20 T5	Ph	Hdr-3	*Un.*	*Un.*	*Un.*
	NYCTAGYNACEAE						
379	*Pisonia longirostris* Teijsm. & Binnend.	Neti-netiri, swariga, suwariga	Ph	Hdr-1, Hdr-3	TD	TT	TT
	OCHNACEAE						
380	*Schurmansia elegans* Blume	Tanah	Ph	Hdr-2, Hdr-3	TD	TT	TT
	OLEACEAE						
381	*Chionanthus cuspidata* Blume	Kapoe, tetoro	Ph	Hdr-3	TD	TT	TT
382	*Chionanthus ramiflorus* Roxb.	Naege	Ph	Hdr-2	TD	TT	TT
383	*Chionanthus sessiliflorus* (Hemd.) Kiew	Yaberata	Pd	Hdr-3	TD	TT	TT
	ONAGRACEAE						
384	*Ludwigia octovalvis* (Jacq.) P.H. Raven.	Daun panu	Pd	Sbc	TD	TT	TT
	OPILIACEAE						

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
385	*Champereia manillana* (Bl.) Merrill	Sp-1 T1P7	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
	PASSIFLORACEAE						
386	*Passiflora foetida* Linn.	Puterinesa	Ln	Hdr-1, Hdr-2, Hdr-3, Sbc	TD	TT	TT
	PIPERACEAE						
387	*Peperomia pellucida* (L.) Kunth.	Sladanan	He	Sbc	TD	TT	TT
388	*Piper aduncum* L.	Kisiri	Pd	Sbc	TD	TT	TT
389	*Piper caninum* Bl.	Fotesa kisiri, tofanesa	Ep	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
390	*Piper decumanum* Aubl.	Kisisiri suri	Ep	Hdr-3	TD	TT	TT
	POLYGALACEAE						
391	*Polygala paniculata* L.	Pipit	Pd	Hdr-1, Hdr-2, Hdr-3, Sbc	TD	TT	TT
	PONTEDERIACEAE						
392	*Eichornia crassipes* (Mart.) Solms.	Enceng gondok	He	Sbc	TD	TT	TT
	PORTULACEAE						
393	*Portulaca oleracea* L.	Krokot	He	Sbc	TD	TT	TT
	PROTEACEAE						
394	*Helicia sp.*	Idetu, kamo, sika, wino	Ph	Hr	*Un.*	*Un.*	*Un.*
	RHAMNACEAE						
395	*Alphitonia incana* (Roxb.) Teijsm.& Binn. ex Kurz.	Siwa, tago	Ph	Hdr-1, Hdr-2	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
	RHIZOPHORACEAE						
396	*Bruguirea parviflora* (Roxb.) Wight. & Arn.	Watura	Ph	Hr	TD	TT	TT
397	*Gynotroches axillaris* Blume	Sesa	Ph	Hdr-2	TD	TT	TT
398	*Rhizophora apiculata* Bl.	Watora, tonate, wabi-wabi	Ph	Hm	TD	TT	LC Ver 3.1 (2010)
	RUBIACEAE						
399	*Anthocephalus chinensis* (Lamk.) Rich. Ex Walp.	Jabon	Ph	Hdr-1, Hdr-2, Hdr-3, Sbc	TD	TT	TT
400	*Canthium barbatum* Valeton	Kerara	Ph	Hdr-2	TD	TT	TT
401	*Gardenia jasminoides* Ellis	Kaca piring	Pd	Sbc	TD	TT	TT
402	*Gardenia taitensis* DC.	Kaca piring	Pd	Sbc	TD	TT	TT
403	*Hedyotis corymbosa* (L.) Lam.	Lepe-lepe	He	Sbc	TD	TT	TT
404	*Ixora apoda* Val.	Piya, betate, paya, kiyo, papa	Ph	Hdr-1, Hdr-2	TD	TT	TT
405	*Ixora coccinea* L.	Paya	Pd	Sbc	TD	TT	TT
406	*Ixora kochi* Brem.	Wanitabo	Ph	Hdr-1	TD	TT	TT
407	*Lasianthus attenuatus* Jack	Ipeh	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
408	*Lasianthus cyanocarpoides* Val.	Sp-T1P4	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
409	*Lasianthus densifolius* Miq.	Ficus bulu	Ph	Hdr-1	TD	TT	TT
410	*Lasianthus oculus-cati* Miq.	Teka	Ph	Hdr-2	TD	TT	TT
411	*Morinda citrifolia* L.	Gori-gori, nusu	Ph	Hr, Sbc	TD	TT	TT
412	*Mussaenda alicia* Hort.	Nusa indah	Pd	Sbc	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
413	*Myrmecodia sclerophylla* Merr. & Perry	Wiyata (Sarang semut)	Ep	Hr	TD	TT	TT
414	*Psychotria beaufortiensis* Sochmer & Valeton	Napu, nabu	Ph	Hr	TD	TT	TT
415	*Psychotria* cf. *sarmentosa* Blume	Teru	Ln	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
416	*Psychotria sp.* 3	Garo	Ph	Hdr-2	*Un.*	*Un.*	*Un.*
417	*Ruellia brittoniana* Leonard.	Gempur batu	Pd	Sbc	TD	TT	TT
418	*Ruellia tuberosa* L.	Ceplikan	He	Sbc	TD	TT	TT
419	*Tricalysia singularis* Korth.	Sp-T1P4	Pd	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
420	*Uncaria glabrata* (Bl.) DC.	Tantega	Ln	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
421	*Uncaria pedicellata* Roxb.	Kafoma kisiri, firiwo kisiri, kafokisiri	Ln	Hdr-1, Hdr-2	TD	TT	TT
	RUTACEAE						
422	*Citrus sinensis* (L.) Osbeck	Jeruk keprok	Pd	Sbc	TD	TT	TT
423	*Evodia aromatica* Bl.	Cebe	Ph	Hdr-3	TD	TT	TT
424	*Evodia elleryana* F. & M.	Mateya, matea, kefe	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
425	*Flindersia laevicarpa* White & Francis	Tiang-1 T3P6	Ph	Hdr-2, Hdr-3	TD	TT	VU (2010)
	SAPINDACEAE						
426	*Cupaniopsis macropetala* Radlk.	Pohon-3 T3P5	Ph	Hdr-2, Hdr-3	TD	TT	TT
427	*Erioglossum rubiginosum* (Roxb.) Bl.	Kora	Ph	Hdr-3	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
428	*Jagera serrata* (Roxb.) Radlk.	Tanaso	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
429	*Lepisanthes tetraphylla* (Vahl) Radlk.	Pancang-1 T5P8	Ph	Hdr-3	TD	TT	TT
430	*Nephelium lappaceum* L.	Rambutan	Ph	Sbc	TD	TT	TT
431	*Pometia pinnata* J.R. & G. Forst.	Wata, matoa	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
	SAPOTACEAE						
432	*Palaquium obovatum* (Griff.) Engl.	Urwa	Ph	Hdr-1, Hdr-3	TD	TT	TT
433	*Palaquium obtusifolium* Burck.	Tanego, panego, kitira, kifira, ngiwau	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
434	*Palaquium sericeum* H.J. Lam	Senau	Ph	Hdr-3	TD	TT	TT
	SCROPHULARIACEAE						
435	*Brookea tomentosa* Benth.	Sp1-T2P9	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
	SOLANACEAE						
436	*Capsicum frutescens* L.	Cabe rawit	Pd	Sbc	TD	TT	TT
437	*Physalis minima* L.	Ceplukan	He	Sbc	TD	TT	TT
438	*Solanum lycopersicum* L.	Tomat	He	Sbc	TD	TT	TT
439	*Solanum melongena* L.	Terong ungu	He	Sbc	TD	TT	TT
440	*Solanum torvum* Sw.	Terong cepoka	Pd	Sbc	TD	TT	TT
	SONNERATIACEAE						
441	*Sonneratia alba* J. Smith.	Sapo	Ph	Hm	TD	TT	TT
442	*Sonneratia caseolaris* (L.) Engl.	Sapo	Ph	Hr	TD	TT	TT
	STERCULIACEAE						

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
443	*Heritiera littoralis* Aiton	Soma-soma, dungun	Ph	Hr	TD	TT	TT
444	*Kleinhovia hospita* L.	Sp-T1P2	Ph	Hdr-1	TD	TT	TT
445	*Pterygota horsfieldi*	Betate	Ph	Hdr-3	TD	TT	TT
	THYMELAEACEAE						
446	*Aquilaria filaria* (Oken.) Merrill	Gaharu	Ph	Hdr-3	TD	App. II	TT
	TILIACEAE						
447	*Brownlowia argentata* Kurz	Pancang-1 T5P10	Ph	Hdr-3	TD	TT	TT
448	*Colona scabra* Burret	Pancang-1 T2P1	Ph	Hdr-1	TD	TT	TT
449	*Muntingia calabura* L.	Kersen	Ph	Hdr-1, Hdr-2, Sbc	TD	TT	TT
	TYPHACEAE						
450	*Typha angustifolia* L.	Sp13-Pmk	He	Sbc	TD	TT	TT
	ULMACEAE						
451	*Gironniera hirta* Planch	Fete, lidai, ware	Ph	Hdr-3	TD	TT	TT
452	*Gironniera nervosa* Planchon	Ware	Ph	Hdr-2	TD	TT	TT
453	*Gironniera sp.*	Sp-4 T4P4	Ph	Hdr-2	*Un.*	*Un.*	*Un.*
454	*Gironniera subaequalis* Planch.	Sobi	Ph	Hdr-2	TD	TT	TT
455	*Timonius timon* (Spreng.) Merrill	Bera, itiya	Ph	Hdr-2, Hdr-3	TD	TT	TT
456	*Trema cannabina* Lour.	Saparo, teo	Ph	Hdr-1, Sbc	TD	TT	TT
457	*Trema tomentosa* (Roxb.) Hara	Sina kasiri	Ph	Hdr-1, Hdr-3, Sbc	TD	TT	TT
	URTICACEAE						
458	*Laportea stimulans* Miquel.	Jelatang	Pd	Hdr-1, Hdr-2	TD	TT	TT

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
459	*Poikilospermum sp.*	Notoro	Ln	Hdr-3, Hr	*Un.*	*Un.*	*Un.*
	VERBENACEAE						
460	*Avicennia marina* (Forst.f.) Bakh.	Weda laut	Ph	Hm	TD	TT	TT
461	*Clerodendrum inerme* (L.) Gaertn.	Futurtage, wetenabu	Pd	Hdr-1	TD	TT	TT
462	*Clerodendrum tracyanum* (F. Muell.) Benth.	Ketai	Ph	Hdr-3	TD	TT	TT
463	*Stachytarpheta jamaicensis* (L.) Vahl	Jarong	Pd	Sbc	TD	TT	TT
464	*Stachytarpheta mutabilis* (Jacq.) Vahl.	Jarong	Pd	Hdr-1	TD	TT	TT
465	*Teijsmanniodendron* sp.	Sotoro	Ph	Hdr-3	*Un.*	*Un.*	*Un.*
466	*Vitex trifolia* L.	Kiwikebe	Ph	Hdr-1, Hdr-2, Hdr-3	TD	TT	TT
	VITACEAE						
467	*Cayratia rumphiana*	Enomo	Ph	Hdr-1	TD	TT	TT
468	*Tetrastigma pedunculare* (Wall.) Planch.	Kase	Ln	Hdr-1, Hdr-3, Hr	TD	TT	TT
	UNDETERMINATED						
469	*Undeterminated*	Pancang-10 T6P4	Ph	Hdr-3	*Un.*	*Un.*	*Un.*
470	*Undeterminated*	Pancang-13 T6P4	Ph	Hdr-3	*Un.*	*Un.*	*Un.*
471	*Undeterminated*	Pancang-4 T5	Ph	Hdr-3	*Un.*	*Un.*	*Un.*
472	*Undeterminated*	Pancang-7 T6P2	Ph	Hdr-3	*Un.*	*Un.*	*Un.*
473	*Undeterminated*	Sp-1 T5	Ph	Hdr-3	*Un.*	*Un.*	*Un.*
474	*Undeterminated*	Sp-1 T5P1	Ph	Hdr-3	*Un.*	*Un.*	*Un.*
475	*Undeterminated*	Sp-1 T8P2	Ph	Hr	*Un.*	*Un.*	*Un.*
476	*Undeterminated*	Sp-12 T3	Ph	Hdr-2	*Un.*	*Un.*	*Un.*
477	*Undeterminated*	Sp-2 T1P4	Ph	Hdr-1	*Un.*	*Un.*	*Un.*
478	*Undeterminated*	Sp-2 T8P1	Ph	Hr	*Un.*	*Un.*	*Un.*
479	*Undeterminated*	Sp-32 T5	Ph	Hdr-3	*Un.*	*Un.*	*Un.*
480	*Undeterminated*	Sp-37 T5	Ph	Hdr-3	*Un.*	*Un.*	*Un.*

No	Genus & Spesies	Nama Lokal	Habitus	Habitat	Status Flora		
					PP	CITES	IUCN
481	*Undeterminated*	Sp-6 T3	Ph	Hdr-2	*Un.*	*Un.*	*Un.*
482	*Undeterminated*	Sp-8 T5	Ph	Hdr-3	*Un.*	*Un.*	*Un.*
483	*Undeterminated*	Sp-86 T5	Ph	Hdr-3	*Un.*	*Un.*	*Un.*
484	*Undeterminated*	Tiang-1 T6P1	Ph	Hdr-3	*Un.*	*Un.*	*Un.*

Keterangan :

- *PP = PP No. 7 Tahun 1999*
- *Habitus : Bm= Bambu, Ep= Epifit, He= Herba, Ln= Liana, Pd= Perdu, Ph= Pohon, Pk= Paku, Pl= Palem, Pn= Pandan, Rt= Rotan*
- *Habitat : Hdr-1= Hutan dataran rendah transek 1, Hdr-2= Hutan dataran rendahtransek 2, Hdr-3= Hutan dataran rendah transek 3, Hr= Hutan rawa, Hm= Hutan mangrove, Sbc= Sekitar Bescamp*
- *Status Tumbuhan : EN= Genting, VU= Rawan, LR= Resiko lebih rendah, NT= Mendekati terancam, LC= Paling sedikit diperhatikan, D= Dilindungi, TD= Tidak dilindungi, App.= Appendix, TT= Tidak terdaftar, Un.= Undeterminated.*

Tabel 2. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan semai di tipe ekosistem hutan dataran rendah transek 1

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H'
1	Watartesa, senapa, senepa, sapartesa	*Rhodamnia latifolia* (Benth.) Miq.	750	0,2	10	9,09	19,09	0,224
2	Sp1-T2P9	*Brookea tomentosa* Benth.	750	0,15	10	6,82	16,82	0,208
3	Witai, weto	*Mangifera foetida* Lour.	500	0,15	6,67	6,82	13,48	0,182
4	Idona	*Ficus obscura* Bl.	625	0,1	8,33	4,55	12,88	0,177
5	Kiwikebe	*Vitex trifolia* L.	500	0,1	6,67	4,55	11,21	0,162
6	Miyate, wafa	*Caryota rhumphiana* Mast.	375	0,1	5	4,55	9,55	0,145
7	Wata, matoa	*Pometia pinnata* J.R. & G. Forst.	375	0,1	5	4,55	9,55	0,145
8	Kisawe, kisawai, sawi	*Pleomele angustifolia* (Roxb.) N.E. Br.	250	0,1	3,33	4,55	7,88	0,127
9	Saparo, teo	*Trema cannabina* Lour.	250	0,1	3,33	4,55	7,88	0,127
10	Sp2-T1P5	*Champereia manillana* (Bl.) Merrill	250	0,1	3,33	4,55	7,88	0,127
11	Tanaso	*Jagera serrata* (Roxb.) Radlk.	250	0,1	3,33	4,55	7,88	0,127
12	Nipuri	*Steganthera schumanniana* Parkinson	375	0,05	5	2,27	7,27	0,121
13	Sp-T1P4	*Tricalysia singularis* Korth.	250	0,05	3,33	2,27	5,61	0,1
14	Congkok	*Livistona sp*.	125	0,05	1,67	2,27	3,94	0,077
15	Enau	*Arenga pinnata* (Wurb.) Merr.	125	0,05	1,67	2,27	3,94	0,077
16	Ewata	*Alphonsea sp.*	125	0,05	1,67	2,27	3,94	0,077
17	Ipeh	*Lasianthus attenuatus* Jack	125	0,05	1,67	2,27	3,94	0,077
18	Jambu hutan	*Syzygium sp*.1	125	0,05	1,67	2,27	3,94	0,077
19	Kage	*Endospermum moluccanum* (T. & B.) Kurz.	125	0,05	1,67	2,27	3,94	0,077
20	Kiwibi	*Cynometra ramiflora* L.	125	0,05	1,67	2,27	3,94	0,077
21	Pinang	*Areca catechu* L.	125	0,05	1,67	2,27	3,94	0,077
22	Piya, betate, paya, kiyo, papa	*Ixora apoda* Val.	125	0,05	1,67	2,27	3,94	0,077
23	Pancang-1 T1P9	*Prainea papuana* Becc.	125	0,05	1,67	2,27	3,94	0,077
24	Seri	*Glochidion lutescens* Bl.	125	0,05	1,67	2,27	3,94	0,077
25	Soma-soma, kofa	*Barringtonia racemosa* Hort. ex Miq.	125	0,05	1,67	2,27	3,94	0,077
26	Tanego, panego, kitira, kifira, ngiwau	*Palaquium obtusifolium* Burck.	125	0,05	1,67	2,27	3,94	0,077
27	Wakore	*Santiria griffithii* Engl.	125	0,05	1,67	2,27	3,94	0,077

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H'
28	Weto	*Mangifera* cf. *longipetiolata* King.	125	0,05	1,67	2,27	3,94	0,077
29	Yatofa	*Alstonia scholaris* (L.) R. Br.	125	0,05	1,67	2,27	3,94	0,077
Total			**7500**	**2,2**	**100**	**100**	**200**	**3,211**

Keterangan : **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 3. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan pancang di tipe ekosistem hutan dataran rendah transek 1

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP	H'
1	Mahang	*Macaranga involucrata* (Roxb.) Baillon	420	0,5	12,96	9,9	22,86	0,248
2	Sinatibi	*Macaranga aleuritoides* F. Muell.	260	0,25	8,02	4,95	12,98	0,177
3	Kisawe, kisawai, sawi	*Pleomele angustifolia* (Roxb.) N.E. Br.	180	0,25	5,56	4,95	10,51	0,155
4	Mahang daun besar	*Macaranga gigantea* (Reichb.f. & Zoll.) Muell. Arg.	180	0,25	5,56	4,95	10,51	0,155
5	Watartesa, senapa, senepa, sapartesa	*Rhodamnia latifolia* (Benth.) Miq.	180	0,25	5,56	4,95	10,51	0,155
6	Tororo, koma	*Ficus virens* W. Ait.	200	0,2	6,17	3,96	10,13	0,151
7	Koma	*Ficus variegata* Bl.	120	0,25	3,7	4,95	8,65	0,136
8	Witai, weto	*Mangifera foetida* Lour.	140	0,2	4,32	3,96	8,28	0,132
9	Pancang-1 T1P9	*Prainea papuana* Becc.	120	0,15	3,7	2,97	6,67	0,113
10	Saparo, teo	*Trema cannabina* Lour.	120	0,15	3,7	2,97	6,67	0,113
11	Riba-riba	*Dillenia* cf. *indica* Blanco	80	0,2	2,47	3,96	6,43	0,111
12	Soma-soma, kofa	*Barringtonia racemosa* Hort. ex Miq.	80	0,15	2,47	2,97	5,44	0,098
13	Sp-T1P4	*Tricalysia singularis* Korth.	80	0,15	2,47	2,97	5,44	0,098
14	Wakore	*Santiria griffithii* Engl.	80	0,15	2,47	2,97	5,44	0,098
15	Weto	*Mangifera* cf. *longipetiolata* King.	80	0,15	2,47	2,97	5,44	0,098
16	Tanaso	*Jagera serrata* (Roxb.) Radlk.	60	0,15	1,85	2,97	4,82	0,09
17	Idona	*Ficus obscura* Bl.	80	0,1	2,47	1,98	4,45	0,085
18	Kiwikebe	*Vitex trifolia* L.	60	0,1	1,85	1,98	3,83	0,076
19	Siwa, tago	*Alphitonia incana* (Roxb.) Teijsm.& Binn. ex Kurz.	60	0,1	1,85	1,98	3,83	0,076
20	Pancang-1 T2P1	*Colona scabra* Burret	80	0,05	2,47	0,99	3,46	0,07
21	Bintangur daun lebar	*Calophyllum persemile* P.F. Stevens	40	0,1	1,23	1,98	3,21	0,066
22	Mateya, matea, kefe	*Evodia elleryana* F. & M.	40	0,1	1,23	1,98	3,21	0,066
23	Pancang-2 T1P10	*Ficus quercifolia* Roxburgh	40	0,1	1,23	1,98	3,21	0,066
24	Tanego, panego, kitira, kifira, ngiwau	*Palaquium obtusifolium* Burck.	40	0,1	1,23	1,98	3,21	0,066
25	Seri	*Glochidion lutescens* Bl.	60	0,05	1,85	0,99	2,84	0,06
26	Wata, matoa	*Pometia pinnata* J.R. & G. Forst.	40	0,05	1,23	0,99	2,22	0,05
27	Berepa, huru hurumi	*Litsea firma* Hook.f.	20	0,05	0,62	0,99	1,61	0,039

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP	H'
28	Bintangur daun halus	*Calophyllum insularum* P.F. Stevens.	20	0,05	0,62	0,99	1,61	0,039
29	Ganemo, kawanisa	*Gnetum gnemon* L.	20	0,05	0,62	0,99	1,61	0,039
30	Isuri	*Calophyllum soulattri* Burm.f.	20	0,05	0,62	0,99	1,61	0,039
31	Wose	*Syzygium sp*.1	20	0,05	0,62	0,99	1,61	0,039
32	Kiwibi	*Cynometra ramiflora* L.	20	0,05	0,62	0,99	1,61	0,039
33	Merbau	*Intsia bijuga A. Gray.*	20	0,05	0,62	0,99	1,61	0,039
34	Pancang-1 T2P7	*Ficus wassa* Roxb.	20	0,05	0,62	0,99	1,61	0,039
35	Pare, para	*Canarium hirsutum* Willd.	20	0,05	0,62	0,99	1,61	0,039
36	Piya, betate, paya, kiyo, papa	*Ixora apoda* Val.	20	0,05	0,62	0,99	1,61	0,039
37	Sp-T2P10	*Champereia manillana* (Bl.) Merrill	20	0,05	0,62	0,99	1,61	0,039
38	Sukun hutan	*Artocarpus altilis* (Parkinson) Fosberg.	20	0,05	0,62	0,99	1,61	0,039
39	Tafatata	*Leea simplicifolia* Z. & M.	20	0,05	0,62	0,99	1,61	0,039
40	Tangguh, dura, sea, tago, tagoh	*Goniothalamus aruensis* Scheff.	20	0,05	0,62	0,99	1,61	0,039
41	Urwa	*Palaquium obovatum* (Griff.) Engl.	20	0,05	0,62	0,99	1,61	0,039
42	Wasora, mora-mora, mura-mura	*Dysoxylum arborescens* Miq.	20	0,05	0,62	0,99	1,61	0,039
Total			**3240**	**5,05**	**100**	**100**	**200**	**3,431**

Keterangan **: KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 4. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan tiang di tipe ekosistem hutan dataran rendah transek 1

No.	Nama Lokal	Nama Ilmiah	K	KR (%)	F	FR (%)	D	DR (%)	INP (%)	H'
1	Jabon	*Anthocephalus chinensis* (Lamk.) Rich. Ex Walp.	60	0,3	0,97	17,91	12,5	19,36	49,77	0,298
2	Koma	*Ficus variegata* Bl.	35	0,25	0,47	10,45	10,42	9,28	30,15	0,231
3	Tororo, koma	*Ficus virens* W. Ait.	35	0,15	0,61	10,45	6,25	12,08	28,77	0,225
4	Mahang	*Macaranga involucrata* (Roxb.) Baillon	25	0,2	0,39	7,46	8,33	7,78	23,58	0,2
5	Siwa, tago	*Alphitonia incana* (Roxb.) Teijsm.& Binn. ex Kurz.	20	0,2	0,35	5,97	8,33	6,99	21,29	0,188
6	Sinatibi	*Macaranga aleuritoides* F. Muell.	30	0,1	0,35	8,96	4,17	6,99	20,11	0,181
7	Watartesa, senapa, senepa, sapartesa	*Rhodamnia latifolia* (Benth.) Miq.	15	0,15	0,23	4,48	6,25	4,49	15,22	0,151
8	Tegabe	*Cyathea latebrosa* (Wall.) Copel.	15	0,15	0,15	4,48	6,25	2,89	13,62	0,14
9	Bese-bese	*Vernonia cinerea* (L.) Less.	15	0,1	0,21	4,48	4,17	4,09	12,74	0,134
10	Enomo	*Cayratia rumphiana*	10	0,1	0,15	2,99	4,17	2,89	10,05	0,114
11	Saparo, teo	*Trema cannabina* Lour.	10	0,1	0,12	2,99	4,17	2,3	9,45	0,109
12	Tawo, weto, vetau	*Aglaia tomentosa* Merrill	10	0,05	0,14	2,99	2,08	2,69	7,76	0,095
13	Isuri	*Calophyllum soulattri* Burm.f.	5	0,05	0,13	1,49	2,08	2,5	6,07	0,079
14	Idona	*Ficus obscura* Bl.	5	0,05	0,12	1,49	2,08	2,3	5,87	0,077
15	Berepa, huru hurumi	*Litsea firma* Hook.f.	5	0,05	0,09	1,49	2,08	1,8	5,37	0,072
16	Kibo	*Xylopia caudata* Hook.f. & Thoms.	5	0,05	0,09	1,49	2,08	1,8	5,37	0,072
17	Mahang daun besar	*Macaranga gigantea* (Reichb.f. & Zoll.) Muell. Arg.	5	0,05	0,09	1,49	2,08	1,8	5,37	0,072
18	Pohon-1 T2P7	*Ficus wassa* Roxb.	5	0,05	0,09	1,49	2,08	1,8	5,37	0,072
19	Tanego, panego, kitira, kifira, ngiwau	*Palaquium obtusifolium* Burck.	5	0,05	0,08	1,49	2,08	1,5	5,07	0,069
20	Pinang	*Areca catechu* L.	5	0,05	0,07	1,49	2,08	1,3	4,87	0,067
21	Wakore	*Santiria griffithii* Engl.	5	0,05	0,07	1,49	2,08	1,3	4,87	0,067
22	Sp-1 T2P9	*Champereia manillana* (Bl.) Merrill	5	0,05	0,06	1,49	2,08	1,1	4,67	0,065
23	Tiang T2P1	*Actinodaphne malaccensis* Hook.f	5	0,05	0,05	1,49	2,08	1	4,57	0,064
Total			**335**	**2,4**	**5,01**	**100**	**100**	**100**	**300**	**2,841**

Keterangan : **K** = Kerapatan; **KR** = Kerapatan Relatif; **F** = Frekuensi**; FR** = Frekuensi Relatif; **D** = Dominansi**; DR** = Dominansi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 5. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan pohon di tipe ekosistem hutan dataran rendah transek 1

No.	Nama Lokal	Nama Ilmiah	K	KR (%)	F	FR (%)	D	DR (%)	INP (%)	H'
1	Kibo	*Xylopia caudata* Hook.f. & Thoms.	19	0,25	2,84	25	14,71	38,45	78,15	0,35
2	Jabon	*Anthocephalus chinensis* (Lamk.) Rich. Ex Walp.	13	0,2	0,56	16,67	11,76	7,54	35,97	0,254
3	Tangguh, dura, sea, tago, tagoh	*Goniothalamus aruensis* Scheff.	5	0,1	0,55	6,67	5,88	7,44	19,98	0,18
4	Merbau	*Intsia bijuga A. Gray.*	5	0,15	0,32	6,67	8,82	4,35	19,84	0,18
5	Siwa, tago	*Alphitonia incana* (Roxb.) Teijsm.& Binn. ex Kurz.	5	0,15	0,21	6,67	8,82	2,83	18,32	0,171
6	Pohon-1 T2P7	*Ficus wassa* Roxb.	4	0,05	0,66	5	2,94	8,98	16,92	0,162
7	Semuel	*Terminalia sp.*	1	0,05	0,8	1,67	2,94	10,77	15,38	0,152
8	Neti-netiri, swariga, suwariga	*Pisonia longirostris* Teijsm. & Binnend.	3	0,05	0,41	3,33	2,94	5,57	11,85	0,128
9	Wata, matoa	*Pometia pinnata* J.R. & G. Forst.	3	0,1	0,09	3,33	5,88	1,24	10,45	0,117
10	Tabiso	*Alstonia spectabilis* Kurz.	3	0,05	0,16	3,33	2,94	2,17	8,44	0,1
11	Isuri	*Calophyllum soulattri* Burm.f.	3	0,05	0,13	3,33	2,94	1,74	8,02	0,097
12	Tororo, koma	*Ficus virens* W. Ait.	3	0,05	0,11	3,33	2,94	1,54	7,82	0,095
13	Tanage, ikimuri	*Ficus benjamina* L.	1	0,05	0,14	1,67	2,94	1,91	6,52	0,083
14	Ganemo, kawanisa	*Gnetum gnemon* L.	1	0,05	0,1	1,67	2,94	1,36	5,96	0,078
15	Nipuri	*Steganthera schumanniana* Parkinson	1	0,05	0,06	1,67	2,94	0,83	5,44	0,073
16	Aruta, cempedak	*Artocarpus integer* (Thunb.) Merr.	1	0,05	0,04	1,67	2,94	0,59	5,2	0,07
17	Koma	*Ficus variegata* Bl.	1	0,05	0,04	1,67	2,94	0,59	5,2	0,07
18	Sinatibi	*Macaranga aleuritoides* F. Muell.	1	0,05	0,04	1,67	2,94	0,53	5,13	0,07
19	Mahang	*Macaranga involucrata* (Roxb.) Baillon	1	0,05	0,04	1,67	2,94	0,53	5,13	0,07
20	Sp-1 T1P7	*Champereia manillana* (Bl.) Merrill	1	0,05	0,04	1,67	2,94	0,53	5,13	0,07
21	Wakore	*Santiria griffithii* Engl.	1	0,05	0,04	1,67	2,94	0,53	5,13	0,07
Total			**75**	**1,7**	**7,38**	**100**	**100**	**100**	**300**	**2,64**

Keterangan : **K** = Kerapatan; **KR** = Kerapatan Relatif; **F** = Frekuensi**; FR** = Frekuensi Relatif; **D** = Dominansi**; DR** = Dominansi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 6. Indeks nilai penting jenis tumbuhan bawah pada tipe ekosistem hutan dataran rendah transek 1

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H'
1	Grintingan	*Cynodon dactylon* Pers.	6250	0,2	30,12	7,14	37,26	0,313
2	Tesa, wantaro, taa, siropa	*Taenitis blechnoides* (Willd.) Swartz.	2250	0,25	10,84	8,93	19,77	0,229
3	Nede-nede, nida-nida	*Melastoma malabathricum* Linn.	1875	0,3	9,04	10,71	19,75	0,229
4	Pandan	*Pandanus sp*.	1000	0,3	4,82	10,71	15,53	0,198
5	Palas duri	*Licuala brevicalyx* Becc.	1125	0,25	5,42	8,93	14,35	0,189
6	Watora	*Nephrolepis falcata* (Cav.) C. Chr.	875	0,15	4,22	5,36	9,57	0,145
7	Alang-alang	*Imperata cylindrica* Beauv.	750	0,15	3,61	5,36	8,97	0,139
8	Jarong	*Stachytarpheta mutabilis* (Jacq.) Vahl.	1000	0,1	4,82	3,57	8,39	0,133
9	Putri malu	*Mimosa pudica* L.	1000	0,1	4,82	3,57	8,39	0,133
10	Musuri huruma	*Zingiber sp.*	500	0,15	2,41	5,36	7,77	0,126
11	Rumput grinting	*Digitaria adscendens*	750	0,1	3,61	3,57	7,19	0,12
12	Wato-wato, soroto	*Clidemia hirta* (L.) D. Don	750	0,1	3,61	3,57	7,19	0,12
13	Jatesakere, jatesa, wadora suri	*Blechnum orientale* L.	500	0,1	2,41	3,57	5,98	0,105
14	Musuri	*Alpinia sp.*	250	0,1	1,2	3,57	4,78	0,089
15	Pakis-1 T2P2	*Sphaerostephanos unitus* (L.) Holttum	500	0,05	2,41	1,79	4,2	0,081
16	Batisa, nesanububu	*Pityrogramma calomelanos* (L.) Link.	375	0,05	1,81	1,79	3,59	0,072
17	Pandan kecil	*Bromheadia finlaysoniana* (Lindl.) Miq.	250	0,05	1,2	1,79	2,99	0,063
18	Anggrek tanah	*Spathoglottis plicata* Bl.	125	0,05	0,6	1,79	2,39	0,053
19	Rumput parit	*Axonopus compressus* (Swartz) Beauv	125	0,05	0,6	1,79	2,39	0,053
20	Salak hutan	*Zalacca blumeana* Mart.	125	0,05	0,6	1,79	2,39	0,053
21	Sp-T1P9	*Stachyphrynium borneense* Ridley	125	0,05	0,6	1,79	2,39	0,053
22	Subute	*Dicranopteris linearis* (Burm.) Underwood	125	0,05	0,6	1,79	2,39	0,053
23	Tempuh wiyang	*Emilia sonchifolia* (Linn.) DC.	125	0,05	0,6	1,79	2,39	0,053
Total			**20750**	**2,8**	**100**	**100**	**200**	**2,801**

Keterangan : **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 7. Indeks nilai penting jenis tumbuhan epifit dan liana di tipe ekosistem hutan dataran rendah transek 1

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H'
1	Pipi kisiri, deda	*Mikania cordata* (Burm.f.) B.L. Robinson	55	0,4	11,43	5,37	16,8	0,208
2	Bunga ternate	*Clitoria ternatae* L.	68	0,15	14,03	2,01	16,04	0,202
3	Rotan T1P1-1	*Calamus aruensis* Becc.	29	0,5	5,97	6,71	12,69	0,175
4	Rotan daun halus	*Calamus sp*. 1	30	0,4	6,23	5,37	11,6	0,165
5	Yesirara	*Flagellaria indica* L.	30	0,4	6,23	5,37	11,6	0,165
6	Kagetisa daun besar/sedang	*Rhaphidophora sylvestris* (Bl.) Engl.	25	0,45	5,19	6,04	11,24	0,162
7	Tantega	*Uncaria glabrata* (Bl.) DC.	21	0,45	4,42	6,04	10,46	0,154
8	Akar pulai	*Alstonia sp.*	24	0,35	4,94	4,7	9,63	0,146
9	Yo	*Smilax glauca* Mart.	16	0,4	3,38	5,37	8,75	0,137
10	Kagetisa daun kecil	*Pothos falcifolius* Engl. & K. Krause	19	0,35	3,9	4,7	8,59	0,135
11	Keyabona-1, keyamuh, tanaresa	*Merremia peltata* Merr.	14	0,3	2,86	4,03	6,88	0,116
12	Muki	*Freycinetia graminea* Bl.	16	0,25	3,38	3,36	6,73	0,114
13	Puterinesa	*Passiflora foetida* Linn.	20	0,15	4,16	2,01	6,17	0,107
14	Pandan rambat	*Pandanus sp*.	9	0,25	1,82	3,36	5,17	0,095
15	Kafeta, somasio, takuri	*Entada phaseoloides* (L.) Merr.	11	0,2	2,34	2,68	5,02	0,093
16	Rotan-6 T1P6	*Korthalsia brassii* Burret	6	0,25	1,3	3,36	4,65	0,088
17	Wantaronisa, paku-paku	*Stenochlaena palustris* (Burm.f.) Bedd.	10	0,15	2,08	2,01	4,09	0,08
18	Rotan-3 T1P3	*Korthalsia zippelii* Bl.	9	0,15	1,82	2,01	3,83	0,076
19	Tewa	*Ficus miquelii* King	5	0,2	1,04	2,68	3,72	0,074
20	Terari	*Centrosema pubescens* Bth.	11	0,05	2,34	0,67	3,01	0,063
21	Kate	*Stemona tuberosa* Lour.	4	0,15	0,78	2,01	2,79	0,06
22	Rere	*Dissochaeta sp.*	4	0,15	0,78	2,01	2,79	0,06
23	Rotan-5 T1P4	*Calamus heteracanthus* Zipp.	4	0,15	0,78	2,01	2,79	0,06
24	Anggrek hijau	*Vittaria suberosa* Christ.	5	0,1	1,04	1,34	2,38	0,053
25	Afata	*Claoxylon capilipes* Airy Shaw	4	0,1	0,78	1,34	2,12	0,048
26	Fotesa kisiri, tofanesa	*Piper caninum* Bl.	3	0,1	0,52	1,34	1,86	0,044
27	Wadatene	*Asplenium nidus* L.	3	0,1	0,52	1,34	1,86	0,044

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H'
28	Sp2-T2P9	*Hugonia jenkinsii* F. Muell.	3	0,1	0,52	1,34	1,86	0,044
29	Tifere	*Lycopodium phlegmeria* Roth.	5	0,05	1,04	0,67	1,71	0,041
30	Wadatene	*Lecanopteris carnosa* (Reinw.) Bl.	4	0,05	0,78	0,67	1,45	0,036
31	Rotan-7 T1P10	*Calamus sp.* 2	3	0,05	0,52	0,67	1,19	0,031
32	Rotan-7 T2P8	*Calamus sp.* 3	3	0,05	0,52	0,67	1,19	0,031
33	Anggrek kuning	*Grammatophyllum speciosum* Bl.	1	0,05	0,26	0,67	0,93	0,025
34	Brotowali	*Tinospora tuberculata* (Lamk.) Beumee.	1	0,05	0,26	0,67	0,93	0,025
35	Kase	*Tetrastigma pedunculare* (Wall.) Planch.	1	0,05	0,26	0,67	0,93	0,025
36	Kawaiki	*Gnetum cuspidatum* Bl.	1	0,05	0,26	0,67	0,93	0,025
37	Nesaenage	*Tetracera nordtiana* F. Muell.	1	0,05	0,26	0,67	0,93	0,025
38	Sapo-sapo, sapara	*Ficus pumila* L.	1	0,05	0,26	0,67	0,93	0,025
39	Sipu	*Lycopodium cernuum* L.	1	0,05	0,26	0,67	0,93	0,025
40	Sp-T2P7	*Psychotria sarmentosa* Blume	1	0,05	0,26	0,67	0,93	0,025
41	Tantega huruma	*Dalbergia candenatensis* (Dennst.) Prain	1	0,05	0,26	0,67	0,93	0,025
42	Teru	*Psychotria* cf. *sarmentosa* Blume	1	0,05	0,26	0,67	0,93	0,025
Total			**481**	**7,45**	**100**	**100**	**200**	**3,352**

Keterangan : **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 8. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan semai di tipe ekosistem hutan dataran rendah transek 2

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H'
1	Damar, arowe, kibi, parada, marada	*Vatica rassak* (Korth.) Bl.	1750	0,15	13,46	5,45	18,92	0,223
2	Pohon-1 T3P5	*Aceratium ledermannii* Schltr.	1500	0,2	11,54	7,27	18,81	0,222
3	Mateya, matea, kefe	*Evodia elleryana* F. & M.	750	0,25	5,77	9,09	14,86	0,193
4	Pinang	*Areca catechu* L.	1125	0,1	8,65	3,64	12,29	0,171
5	Wena	*Xylopia malayana* Hook.f. & Thoms.	1125	0,05	8,65	1,82	10,47	0,154
6	Sp-1 T1P7	*Champereia manillana* (Bl.) Merrill	500	0,15	3,85	5,45	9,3	0,143
7	Bintangur daun halus	*Calophyllum insularum* P.F. Stevens.	375	0,15	2,88	5,45	8,34	0,132
8	Sp1-T2P9	*Brookea tomentosa* Benth.	500	0,1	3,85	3,64	7,48	0,123
9	Damar	*Agathis labilardieri* Warb.	375	0,1	2,88	3,64	6,52	0,112
10	Kise, roro, asu, yotoh, kumi	*Aporosa sp*. 1	375	0,1	2,88	3,64	6,52	0,112
11	Tanaso	*Jagera serrata* (Roxb.) Radlk.	375	0,1	2,88	3,64	6,52	0,112
12	Wakore	*Santiria griffithii* Engl.	375	0,1	2,88	3,64	6,52	0,112
13	Wata, matoa	*Pometia pinnata* J.R. & G. Forst.	500	0,05	3,85	1,82	5,66	0,101
14	Aroro, mueti	*Popowia* sp. 2	250	0,1	1,92	3,64	5,56	0,1
15	Idona	*Ficus obscura* Bl.	250	0,1	1,92	3,64	5,56	0,1
16	Sp-T1P4	*Tricalysia singularis* Korth.	250	0,1	1,92	3,64	5,56	0,1
17	Witai, weto	*Mangifera foetida* Lour.	250	0,1	1,92	3,64	5,56	0,1
18	Kisawe, kisawai, sawi	*Pleomele angustifolia* (Roxb.) N.E. Br.	250	0,05	1,92	1,82	3,74	0,074
19	Sira, tapo-tapo, siwi, enehu	*Garcinia parvifolia* Miq.	250	0,05	1,92	1,82	3,74	0,074
20	Tiang-1 T3P6	*Flindersia laevicarpa* White & Francis	250	0,05	1,92	1,82	3,74	0,074
21	Yebe	*Ficus congesta* Roxb.	250	0,05	1,92	1,82	3,74	0,074
22	Afo, watare, watera, watora	*Macaranga mappa* Muell. Arg.	125	0,05	0,96	1,82	2,78	0,059
23	Garo	*Psychotria sp.* 3	125	0,05	0,96	1,82	2,78	0,059
24	Kayu minyak	*Goniothalamus cauliflorus* K. Sch.	125	0,05	0,96	1,82	2,78	0,059
25	Kiwikebe	*Vitex trifolia* L.	125	0,05	0,96	1,82	2,78	0,059
26	Mahang daun lonjong	*Macaranga sp.*	125	0,05	0,96	1,82	2,78	0,059
27	Naepato	*Archidendron macrophylla*	125	0,05	0,96	1,82	2,78	0,059

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H’
28	Piya, betate, paya, kiyo, papa	*Ixora apoda* Val.	125	0,05	0,96	1,82	2,78	0,059
29	Wasora, mora-mora, mura-mura	*Dysoxylum arborescens* Miq.	125	0,05	0,96	1,82	2,78	0,059
30	Winoh	*Blumeodendron kurzii* (Hook.f.) J.J. Sm.	125	0,05	0,96	1,82	2,78	0,059
31	Yatofa	*Alstonia scholaris* (L.) R. Br.	125	0,05	0,96	1,82	2,78	0,059
32	Yebi-yebi	*Gonystylus macrophyllus* (Miq.) Airy Shaw	125	0,05	0,96	1,82	2,78	0,059
Total			**13000**	**2,75**	**100**	**100**	**200**	**3,26**

Keterangan : **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H’** = Keanekaragaman Jenis

Tabel 9. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan pancang di tipe ekosistem hutan dataran rendah transek 2

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP	H'
1	Mahang	*Macaranga involucrata* (Roxb.) Baillon	560	0,3	12,79	6,19	18,97	0,223
2	Sp-1 T1P7	*Champereia manillana* (Bl.) Merrill	420	0,35	9,59	7,22	16,81	0,208
3	Kisawe, kisawai, sawi	*Pleomele angustifolia* (Roxb.) N.E. Br.	200	0,35	4,57	7,22	11,78	0,167
4	Tororo, koma	*Ficus virens* W. Ait.	240	0,25	5,48	5,15	10,63	0,156
5	Sinatibi	*Macaranga aleuritoides* F. Muell.	260	0,2	5,94	4,12	10,06	0,15
6	Damar, arowe, kibi, parada, marada	*Vatica rassak* (Korth.) Bl.	200	0,2	4,57	4,12	8,69	0,136
7	Kiwikebe	*Vitex trifolia* L.	200	0,1	4,57	2,06	6,63	0,113
8	Damar	*Agathis labilardieri* Warb.	160	0,1	3,65	2,06	5,71	0,102
9	Fine	*Campnosperma montana* Laut.	100	0,15	2,28	3,09	5,38	0,097
10	Pinang	*Areca catechu* L.	140	0,1	3,2	2,06	5,26	0,096
11	Pancang-1 T1P9	*Prainea papuana* Becc.	80	0,15	1,83	3,09	4,92	0,091
12	Sp-T1P4	*Tricalysia singularis* Korth.	80	0,15	1,83	3,09	4,92	0,091
13	Sobi	*Gironniera subaequalis* Planch.	120	0,1	2,74	2,06	4,8	0,09
14	Tanego, panego, kitira, kifira, ngiwau	*Palaquium obtusifolium* Burck.	60	0,15	1,37	3,09	4,46	0,085
15	Pohon-1 T3P5	*Aceratium ledermannii* Schltr.	100	0,1	2,28	2,06	4,34	0,083
16	Kerara	*Canthium barbatum* Valeton	60	0,1	1,37	2,06	3,43	0,07
17	Tanaso	*Jagera serrata* (Roxb.) Radlk.	60	0,1	1,37	2,06	3,43	0,07
18	Watartesa, senapa, senepa, sapartesa	*Rhodamnia latifolia* (Benth.) Miq.	60	0,1	1,37	2,06	3,43	0,07
19	Sp-5 T1	*Neuburgia corynocarpa* (A. Gray) Leenh.	100	0,05	2,28	1,03	3,31	0,068
20	Yebi-yebi	*Gonystylus macrophyllus* (Miq.) Airy Shaw	100	0,05	2,28	1,03	3,31	0,068
21	Idona	*Ficus obscura* Bl.	40	0,1	0,91	2,06	2,98	0,063
22	Piya, betate, paya, kiyo, papa	*Ixora apoda* Val.	40	0,1	0,91	2,06	2,98	0,063
23	Aroro, mueti	*Popowia* sp. 2	80	0,05	1,83	1,03	2,86	0,061
24	Kena, ideh, tepu, kosi	*Steganthera hirsuta* (Warb.) Parkinson	80	0,05	1,83	1,03	2,86	0,061
25	Pohon-1 T2P7	*Ficus wassa* Roxb.	60	0,05	1,37	1,03	2,4	0,053
26	Tangguh, dura, sea, tago, tagoh	*Goniothalamus aruensis* Scheff.	60	0,05	1,37	1,03	2,4	0,053
27	Wena	*Xylopia malayana* Hook.f. & Thoms.	60	0,05	1,37	1,03	2,4	0,053
28	Kiwibi, kiwi	*Hymenaea courbaril* Linn.	40	0,05	0,91	1,03	1,94	0,045

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP	H'
29	Mateya, matea, kefe	*Evodia elleryana* F. & M.	40	0,05	0,91	1,03	1,94	0,045
30	Naepato	*Archidendron macrophylla*	40	0,05	0,91	1,03	1,94	0,045
31	Pancang-1 T3P7	*Pseuduvaria sp*.	40	0,05	0,91	1,03	1,94	0,045
32	Pohon-2 T3P8	*Callicarpa longifolia* Lam.	40	0,05	0,91	1,03	1,94	0,045
33	Tiang-1 T3P6	*Flindersia laevicarpa* White & Francis	40	0,05	0,91	1,03	1,94	0,045
34	Witai, weto	*Mangifera foetida* Lour.	40	0,05	0,91	1,03	1,94	0,045
35	Yah, nota, nepah, wafe	*Myristica fatua* Houtt.	40	0,05	0,91	1,03	1,94	0,045
36	Ware	*Gironniera nervosa* Planchon	20	0,05	0,46	1,03	1,49	0,036
37	Afo, watare, watera, watora	*Macaranga mappa* Muell. Arg.	20	0,05	0,46	1,03	1,49	0,036
38	Anu	*Garcinia celebica* L.	20	0,05	0,46	1,03	1,49	0,036
39	Ganemo, kawanisa	*Gnetum gnemon* L.	20	0,05	0,46	1,03	1,49	0,036
40	Isuri	*Calophyllum soulattri* Burm.f.	20	0,05	0,46	1,03	1,49	0,036
41	Jabon	*Anthocephalus chinensis* (Lamk.) Rich. Ex Walp.	20	0,05	0,46	1,03	1,49	0,036
42	Kayu minyak	*Goniothalamus cauliflorus* K. Sch.	20	0,05	0,46	1,03	1,49	0,036
43	Lingguah hutan	*Galearia celebica* Koorders	20	0,05	0,46	1,03	1,49	0,036
44	Mahang daun lonjong	*Macaranga sp.*	20	0,05	0,46	1,03	1,49	0,036
45	Pohon-3 T3P8	*Pericopsis mooniana*	20	0,05	0,46	1,03	1,49	0,036
46	Sirawo	*Buchanania arborescens* (Bl.) Bl.	20	0,05	0,46	1,03	1,49	0,036
47	Sudu, sabeta, nege, sopoi-sopoi, pue-pue, kagonosa, dora, norara	*Mallotus penangensis* Muell. Arg.	20	0,05	0,46	1,03	1,49	0,036
48	Sukun hutan	*Artocarpus altilis* (Parkinson) Fosberg.	20	0,05	0,46	1,03	1,49	0,036
49	Wakore	*Santiria griffithii* Engl.	20	0,05	0,46	1,03	1,49	0,036
50	Wose	*Syzygium sp*.1	20	0,05	0,46	1,03	1,49	0,036
51	Yatofa	*Alstonia scholaris* (L.) R. Br.	20	0,05	0,46	1,03	1,49	0,036
52	Yebe	*Ficus congesta* Roxb.	20	0,05	0,46	1,03	1,49	0,036
Total			**4380**	**4,85**	**100,05**	**99,94**	**200**	**3,613**

Keterangan : **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 10. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan tiang di tipe ekosistem hutan dataran rendah transek 2

No.	Nama Lokal	Nama Ilmiah	K	KR (%)	F	FR (%)	D	DR (%)	INP (%)	H'
1	Damar	*Agathis labilardieri* Warb.	40	0,2	0,64	12,31	8,33	12,31	32,95	0,243
2	Damar, arowe, kibi, parada, marada	*Vatica rassak* (Korth.) Bl.	20	0,2	0,4	6,15	8,33	7,66	22,14	0,192
3	Mahang	*Macaranga involucrata* (Roxb.) Baillon	25	0,15	0,33	7,69	6,25	6,4	20,34	0,182
4	Jabon	*Anthocephalus chinensis* (Lamk.) Rich. Ex Walp.	15	0,1	0,32	4,62	4,17	6,2	14,98	0,15
5	Kiwibi	*Memecylon* cf. *oleaefolium* Baker	20	0,05	0,31	6,15	2,08	5,91	14,15	0,144
6	Siwa, tago	*Alphitonia incana* (Roxb.) Teijsm.& Binn. ex Kurz.	15	0,1	0,27	4,62	4,17	5,14	13,92	0,142
7	Tororo, koma	*Ficus virens* W. Ait.	10	0,1	0,24	3,08	4,17	4,65	11,89	0,128
8	Wakore	*Santiria griffithii* Engl.	10	0,1	0,18	3,08	4,17	3,39	10,64	0,118
9	Kiwibi, kiwi	*Hymenaea courbaril* Linn.	10	0,1	0,13	3,08	4,17	2,42	9,67	0,111
10	Kiwikebe	*Vitex trifolia* L.	10	0,1	0,1	3,08	4,17	1,84	9,08	0,106
11	Kise, roro, asu, yotoh, kumi	*Aporosa sp*. 1	10	0,05	0,17	3,08	2,08	3,2	8,36	0,1
12	Yebi-yebi	*Gonystylus macrophyllus* (Miq.) Airy Shaw	10	0,05	0,16	3,08	2,08	3,1	8,26	0,099
13	Tiang-1 T3P8	*Claoxylon sp*.	10	0,05	0,15	3,08	2,08	2,81	7,97	0,096
14	Sp-1 T1P7	*Champereia manillana* (Bl.) Merrill	10	0,05	0,12	3,08	2,08	2,23	7,39	0,091
15	Sinatibi	*Macaranga aleuritoides* F. Muell.	10	0,05	0,11	3,08	2,08	2,03	7,2	0,089
16	Sp-5 T1	*Neuburgia corynocarpa* (A. Gray) Leenh.	10	0,05	0,11	3,08	2,08	2,03	7,2	0,089
17	Sobi	*Gironniera subaequalis* Planch.	5	0,05	0,14	1,54	2,08	2,71	6,33	0,081
18	Wena	*Xylopia malayana* Hook.f. & Thoms.	5	0,05	0,13	1,54	2,08	2,42	6,04	0,079
19	Wose	*Syzygium sp*.1	5	0,05	0,13	1,54	2,08	2,42	6,04	0,079
20	Seri	*Glochidion lutescens* Bl.	5	0,05	0,1	1,54	2,08	1,94	5,56	0,074
21	Tanage, ikimuri	*Ficus benjamina* L.	5	0,05	0,1	1,54	2,08	1,94	5,56	0,074
22	Tiang-1 T3P6	*Flindersia laevicarpa* White & Francis	5	0,05	0,1	1,54	2,08	1,94	5,56	0,074
23	Nesa, nubu, ketekisiri	*Diospyros buxifolia* Hiern.	5	0,05	0,09	1,54	2,08	1,74	5,37	0,072
24	Watartesa, senapa, senepa, sapartesa	*Rhodamnia latifolia* (Benth.) Miq.	5	0,05	0,09	1,54	2,08	1,74	5,37	0,072
25	Yatofa	*Alstonia scholaris* (L.) R. Br.	5	0,05	0,09	1,54	2,08	1,74	5,37	0,072

No.	Nama Lokal	Nama Ilmiah	K	KR (%)	F	FR (%)	D	DR (%)	INP (%)	H'
26	Tanaso	*Jagera serrata* (Roxb.) Radlk.	5	0,05	0,08	1,54	2,08	1,45	5,08	0,069
27	Kibo	*Xylopia caudata* Hook.f. & Thoms.	5	0,05	0,07	1,54	2,08	1,26	4,88	0,067
28	Tabiso	*Alstonia spectabilis* Kurz.	5	0,05	0,07	1,54	2,08	1,26	4,88	0,067
29	Fine	*Campnosperma montana* Laut.	5	0,05	0,06	1,54	2,08	1,07	4,69	0,065
30	Pohon-1 T3P5	*Aceratium ledermannii* Schltr.	5	0,05	0,06	1,54	2,08	1,07	4,69	0,065
31	Pohon-3 T3P5	*Cupaniopsis macropetala* Radlk.	5	0,05	0,06	1,54	2,08	1,07	4,69	0,065
32	Lingguah hutan	*Galearia celebica* Koorders	5	0,05	0,05	1,54	2,08	0,97	4,59	0,064
33	Bera, itiya	*Timonius timon* (Spreng.) Merrill	5	0,05	0,05	1,54	2,08	0,97	4,59	0,064
34	Wadora, nota	*Pimeleodendron amboinicum* Hassk.	5	0,05	0,05	1,54	2,08	0,97	4,59	0,064
Total			**325**	**2,4**	**5,16**	**100**	**100**	**100**	**300**	**3,348**

Ketrangan : **K** = Kerapatan; **KR** = Kerapatan Relatif; **F** = Frekuensi**; FR** = Frekuensi Relatif; **D** = Dominansi**; DR** = Dominansi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 11. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan pohon di tipe ekosistem hutan dataran rendah transek 2

No.	Nama Lokal	Nama Ilmiah	K	KR (%)	F	FR (%)	D	DR (%)	INP (%)	H'
1	Damar, arowe, kibi, parada, marada	*Vatica rassak* (Korth.) Bl.	29	0,3	5,6	15,75	7,32	16,33	39,4	0,267
2	Damar	*Agathis labilardieri* Warb.	29	0,35	3,83	15,75	8,54	11,16	35,45	0,252
3	Kibo	*Xylopia caudata* Hook.f. & Thoms.	14	0,25	5,28	7,53	6,1	15,38	29,01	0,226
4	Merbau	*Intsia bijuga A. Gray.*	8	0,3	3,6	4,11	7,32	10,5	21,92	0,191
5	Kayu minyak	*Goniothalamus cauliflorus* K. Sch.	10	0,2	1,95	5,48	4,88	5,67	16,03	0,157
6	Wakore	*Santiria griffithii* Engl.	9	0,2	0,44	4,79	4,88	1,29	10,97	0,121
7	Pohon-1 T3P5	*Aceratium ledermannii* Schltr.	6	0,15	1,08	3,42	3,66	3,14	10,22	0,115
8	Wata, matoa	*Pometia pinnata* J.R. & G. Forst.	5	0,15	1,1	2,74	3,66	3,2	9,6	0,11
9	Tanaso	*Jagera serrata* (Roxb.) Radlk.	4	0,15	1,2	2,05	3,66	3,49	9,2	0,107
10	Pohon-1 T4P6	*Cratoxylon arborescens* Bl.	5	0,1	0,98	2,74	2,44	2,85	8,02	0,097
11	Fine	*Campnosperma montana* Laut.	5	0,1	0,65	2,74	2,44	1,91	7,08	0,088
12	Sp-1 T1P7	*Champereia manillana* (Bl.) Merrill	5	0,1	0,64	2,74	2,44	1,86	7,04	0,088
13	Teka	*Lasianthus oculus-cati* Miq.	5	0,05	0,8	2,74	1,22	2,34	6,3	0,081
14	Pohon-3 T3P5	*Cupaniopsis macropetala* Radlk.	1	0,05	1,41	0,68	1,22	4,12	6,03	0,078
15	Sobi	*Gironniera subaequalis* Planch.	3	0,1	0,56	1,37	2,44	1,63	5,44	0,073
16	Tororo, koma	*Ficus virens* W. Ait.	4	0,1	0,26	2,05	2,44	0,77	5,26	0,071
17	Pohon-1 T3P4	*Glochidion novoguineense* K. Sch.	4	0,05	0,46	2,05	1,22	1,33	4,61	0,064
18	Yatofa	*Alstonia scholaris* (L.) R. Br.	3	0,1	0,2	1,37	2,44	0,58	4,38	0,062
19	Nate, nesaro	*Myristica* cf. *lancifolia* Merrill	3	0,1	0,19	1,37	2,44	0,55	4,36	0,061
20	Pancang-1 T1P9	*Prainea papuana* Becc.	3	0,1	0,18	1,37	2,44	0,53	4,34	0,061
21	Tabiso	*Alstonia spectabilis* Kurz.	3	0,1	0,12	1,37	2,44	0,34	4,15	0,059
22	Sira, tapo-tapo, siwi, enehu	*Garcinia parvifolia* Miq.	3	0,1	0,11	1,37	2,44	0,32	4,13	0,059
23	Nibung	*Oncosperma filamentosum* Bl.	3	0,1	0,1	1,37	2,44	0,29	4,1	0,059
24	Tangguh, dura, sea, tago, tagoh	*Goniothalamus aruensis* Scheff.	3	0,05	0,5	1,37	1,22	1,46	4,05	0,058
25	Pohon-2 T3P1	*Erythrospermum candidum* (Becc.) Becc.	1	0,05	0,63	0,68	1,22	1,83	3,74	0,055
26	Lingguah hutan	*Galearia celebica* Koorders	1	0,05	0,55	0,68	1,22	1,61	3,52	0,052

No.	Nama Lokal	Nama Ilmiah	K	KR (%)	F	FR (%)	D	DR (%)	INP (%)	H'
27	Tiang-1 T3P6	*Flindersia laevicarpa* White & Francis	1	0,05	0,42	0,68	1,22	1,21	3,11	0,047
28	Watartesa, senapa, senepa, sapartesa	*Rhodamnia latifolia* (Benth.) Miq.	3	0,05	0,14	1,37	1,22	0,42	3,01	0,046
29	Sesa	*Gynotroches axillaris* Blume	1	0,05	0,35	0,68	1,22	1,03	2,94	0,045
30	Pohon-2 T3P3	*Casearia erythrocarpa*	3	0,05	0,12	1,37	1,22	0,35	2,94	0,045
31	Pohon-2 T3P8	*Callicarpa longifolia* Lam.	1	0,05	0,18	0,68	1,22	0,53	2,43	0,039
32	Sp5-T1P4	*Myristica globosa* Warb.	1	0,05	0,13	0,68	1,22	0,37	2,28	0,037
33	Pare, para	*Canarium hirsutum* Willd.	1	0,05	0,12	0,68	1,22	0,35	2,25	0,037
34	Kiriya	*Haplolobus floribundus* (K. Schum.) H.J. Lam	1	0,05	0,08	0,68	1,22	0,24	2,14	0,035
35	Isuri	*Calophyllum soulattri* Burm.f.	1	0,05	0,08	0,68	1,22	0,23	2,13	0,035
36	Jabon	*Anthocephalus chinensis* (Lamk.) Rich. Ex Walp.	1	0,05	0,08	0,68	1,22	0,23	2,13	0,035
37	Pohon-3 T3P8	*Pericopsis mooniana*	1	0,05	0,07	0,68	1,22	0,19	2,1	0,035
38	Tiang T2P1	*Actinodaphne malaccensis* Hook.f	1	0,05	0,07	0,68	1,22	0,19	2,1	0,035
39	Sp-5 T1	*Neuburgia corynocarpa* (A. Gray) Leenh.	1	0,05	0,06	0,68	1,22	0,18	2,08	0,035
Jumlah			**183**	**4,1**	**34,3**	**100**	**100**	**100**	**300**	**3,219**

Keterangan: **K** = Kerapatan; **KR** = Kerapatan Relatif; **F** = Frekuensi**; FR** = Frekuensi Relatif; **D** = Dominansi**; DR** = Dominansi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 12. Indeks nilai penting jenis tumbuhan bawah pada tipe ekosistem hutan dataran rendah transek 2

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H'
1	Tesa, wantaro, taa, siropa	*Taenitis blechnoides* (Willd.) Swartz.	3000	0,45	23,76	17,65	41,41	0,326
2	Nede-nede, nida-nida	*Melastoma malabathricum* Linn.	1625	0,35	12,87	13,73	26,6	0,268
3	Safe nate	*Licuala brevicalyx* Becc.	750	0,3	5,94	11,76	17,71	0,215
4	Palem daun halus	*Gulubia costata* (Becc.) Becc.	1125	0,2	8,91	7,84	16,75	0,208
5	Pandan kecil	*Bromheadia finlaysoniana* (Lindl.) Miq.	750	0,2	5,94	7,84	13,78	0,184
6	Batisa, nesanububu	*Pityrogramma calomelanos* (L.) Link.	1000	0,1	7,92	3,92	11,84	0,167
7	Watora	*Nephrolepis falcata* (Cav.) C. Chr.	875	0,1	6,93	3,92	10,85	0,158
8	Pandan	*Pandanus sp*. 1	375	0,15	2,97	5,88	8,85	0,138
9	Kerawai	*Blumea arfakiana* Martelli	500	0,1	3,96	3,92	7,88	0,127
10	Kafefeni	*Bolbitis hetroclita* (Presl.) Ching	375	0,1	2,97	3,92	6,89	0,116
11	Nufuria	*Schizaea dichotoma* (L.) Sm.	375	0,1	2,97	3,92	6,89	0,116
12	Wantoro, wantaro	*Lindsaea scandens* Hook.f.	375	0,1	2,97	3,92	6,89	0,116
13	Alang-alang	*Imperata cylindrica* Beauv.	375	0,05	2,97	1,96	4,93	0,091
14	Rotan-3 T1P3	*Korthalsia zippelii* Bl.	375	0,05	2,97	1,96	4,93	0,091
15	Jatesakere, jatesa, wadora suri	*Blechnum orientale* L.	250	0,05	1,98	1,96	3,94	0,077
16	Kifiri	*Costus speciosus* (Koenig) Smith	250	0,05	1,98	1,96	3,94	0,077
17	Grintingan	*Cynodon dactylon* Pers.	125	0,05	0,99	1,96	2,95	0,062
18	Musuri huruma	*Zingiber sp.*	125	0,05	0,99	1,96	2,95	0,062
Total			**12625**	**2,55**	**100**	**100**	**200**	**2,602**

Keterangan : **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 13. Indeks nilai penting jenis tumbuhan epifit dan liana di tipe ekosistem hutan dataran rendah transek 2

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H'
1	Kagetisa daun besar/sedang	*Rhaphidophora sylvestris* (Bl.) Engl.	74	0,7	16,81	10,29	27,1	0,271
2	Muki	*Freycinetia graminea* Bl.	44	0,55	9,97	8,09	18,06	0,217
3	Rotan T1P1-1	*Calamus aruensis* Becc.	34	0,6	7,69	8,82	16,52	0,206
4	Yesirara	*Flagellaria indica* L.	29	0,5	6,55	7,35	13,91	0,185
5	Kafeta, somasio, takuri	*Entada phaseoloides* (L.) Merr.	24	0,55	5,41	8,09	13,5	0,182
6	Tantega	*Uncaria glabrata* (Bl.) DC.	33	0,35	7,41	5,15	12,55	0,174
7	Wantaronisa, paku-paku	*Stenochlaena palustris* (Burm.f.) Bedd.	21	0,4	4,84	5,88	10,73	0,157
8	Akar pulai	*Alstonia sp.*	20	0,4	4,56	5,88	10,44	0,154
9	Sapo-sapo, sapara	*Ficus pumila* L.	23	0,35	5,13	5,15	10,28	0,153
10	Wadatene	*Lecanopteris carnosa* (Reinw.) Bl.	28	0,2	6,27	2,94	9,21	0,142
11	Pandan rambat	*Pandanus sp*.	15	0,35	3,42	5,15	8,57	0,135
12	Pipi kisiri, deda	*Mikania cordata* (Burm.f.) B.L. Robinson	24	0,2	5,41	2,94	8,35	0,133
13	Kagetisa daun kecil	*Pothos falcifolius* Engl. & K. Krause	14	0,25	3,13	3,68	6,81	0,115
14	Yo	*Smilax glauca* Mart.	11	0,2	2,56	2,94	5,51	0,099
15	Wadatene	*Asplenium nidus* L.	9	0,2	1,99	2,94	4,94	0,091
16	Tewa	*Ficus miquelii* King	4	0,15	0,85	2,21	3,06	0,064
17	Rotan daun halus	*Calamus sp*. 1	6	0,1	1,42	1,47	2,9	0,061
18	Keyabona-1, keyamuh, tanaresa	*Merremia peltata* Merr.	5	0,1	1,14	1,47	2,61	0,057
19	Sp-T2P7	*Psychotria sarmentosa* Blume	5	0,1	1,14	1,47	2,61	0,057
20	Kate	*Stemona tuberosa* Lour.	4	0,1	0,85	1,47	2,33	0,052
21	Anggrek hijau	*Vittaria suberosa* Christ.	3	0,1	0,57	1,47	2,04	0,047
22	Fato, ketu-ketu	*Rhapidophora sp.*	3	0,1	0,57	1,47	2,04	0,047
23	Fotesa kisiri, tofanesa	*Piper caninum* Bl.	4	0,05	0,85	0,74	1,59	0,038
24	Nesaenage	*Tetracera nordtiana* F. Muell.	3	0,05	0,57	0,74	1,31	0,033
25	Kihuninea, kisaro	*Dischidia sp.*	1	0,05	0,28	0,74	1,02	0,027
26	Rere	*Dissochaeta sp.*	1	0,05	0,28	0,74	1,02	0,027
27	Takuri, fegeta	*Caesalpinia crista* L.	1	0,05	0,28	0,74	1,02	0,027
Total			**439**	**6,8**	**100**	**100**	**200**	**2,949**

Keterangan : **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 14. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan semai di tipe ekosistem hutan dataran rendah transek 3

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H'
1	Palem daun halus	*Gulubia costata* (Becc.) Becc.	2333	0,33	14,43	8,47	22,91	0,248
2	Kisawe, kisawai, sawi	*Pleomele angustifolia* (Roxb.) N.E. Br.	1000	0,33	6,19	8,47	14,66	0,192
3	Sp-1 T1P7	*Champereia manillana* (Bl.) Merrill	1167	0,27	7,22	6,78	14	0,186
4	Watartesa, senapa, senepa, sapartesa	*Rhodamnia latifolia* (Benth.) Miq.	1000	0,2	6,19	5,08	11,27	0,162
5	Damar, arowe, kibi, parada, marada	*Vatica rassak* (Korth.) Bl.	833	0,2	5,15	5,08	10,24	0,152
6	Tanaso	*Jagera serrata* (Roxb.) Radlk.	667	0,2	4,12	5,08	9,21	0,142
7	Sp-30 T3	*Garcinia* cf. *maluensis* Laut.	833	0,13	5,15	3,39	8,54	0,135
8	Pare, para	*Canarium hirsutum* Willd.	500	0,2	3,09	5,08	8,18	0,131
9	Sp1-T2P9	*Brookea tomentosa* Benth.	833	0,07	5,15	1,69	6,85	0,116
10	Pohon-2 T3P3	*Casearia erythrocarpa*	500	0,13	3,09	3,39	6,48	0,111
11	Idona	*Ficus obscura* Bl.	667	0,07	4,12	1,69	5,82	0,103
12	Soma-soma, kofa	*Barringtonia racemosa* Hort. ex Miq.	333	0,13	2,06	3,39	5,45	0,098
13	Sukun hutan	*Artocarpus altilis* (Parkinson) Fosberg.	333	0,13	2,06	3,39	5,45	0,098
14	Pancang-1 T5P8	*Lepisanthes tetraphylla* (Vahl) Radlk.	500	0,07	3,09	1,69	4,79	0,089
15	Sira, tapo-tapo, siwi, enehu	*Garcinia parvifolia* Miq.	500	0,07	3,09	1,69	4,79	0,089
16	Pancang-1 T1P9	*Prainea papuana* Becc.	333	0,07	2,06	1,69	3,76	0,075
17	Tangguh, dura, sea, tago, tagoh	*Goniothalamus aruensis* Scheff.	333	0,07	2,06	1,69	3,76	0,075
18	Wadora, nota	*Pimeleodendron amboinicum* Hassk.	333	0,07	2,06	1,69	3,76	0,075
19	Wafe	*Myristica inutilis* Rich. ex A. Gray	333	0,07	2,06	1,69	3,76	0,075
20	Fine	*Campnosperma montana* Laut.	167	0,07	1,03	1,69	2,73	0,059
21	Kenawa, surupa	*Macaranga tessellata* Gage	167	0,07	1,03	1,69	2,73	0,059
22	Ketai	*Clerodendrum tracyanum* (F. Muell.) Benth.	167	0,07	1,03	1,69	2,73	0,059
23	Kiwikebe	*Vitex trifolia* L.	167	0,07	1,03	1,69	2,73	0,059
24	Nate, nesaro	*Myristica* cf. *lancifolia* Merrill	167	0,07	1,03	1,69	2,73	0,059
25	Pohon-2 T3P1	*Erythrospermum candidum* (Becc.) Becc.	167	0,07	1,03	1,69	2,73	0,059
26	Pohon-3 T3P5	*Cupaniopsis macropetala* Radlk.	167	0,07	1,03	1,69	2,73	0,059
27	Seri	*Glochidion lutescens* Bl.	167	0,07	1,03	1,69	2,73	0,059
28	Sinatibi	*Macaranga aleuritoides* F. Muell.	167	0,07	1,03	1,69	2,73	0,059

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H'
29	Sp1-T3	*Ilex arnhemensis* (F. Muell.) Loes.	167	0,07	1,03	1,69	2,73	0,059
30	Sp1-T6P1	*Syzygium sp*. 4	167	0,07	1,03	1,69	2,73	0,059
31	Sp-33 T3	*Alchornea rugosa* (Lour.) Muell. Arg.	167	0,07	1,03	1,69	2,73	0,059
32	Tiang-1 T3P6	*Flindersia laevicarpa* White & Francis	167	0,07	1,03	1,69	2,73	0,059
33	Wakore	*Santiria griffithii* Engl.	167	0,07	1,03	1,69	2,73	0,059
34	Wakore	*Santiria laevigata*	167	0,07	1,03	1,69	2,73	0,059
35	Wata, matoa	*Pometia pinnata* J.R. & G. Forst.	167	0,07	1,03	1,69	2,73	0,059
36	Witai, weto	*Mangifera foetida* Lour.	167	0,07	1,03	1,69	2,73	0,059
Total			**16167**	**3,93**	**100**	**100**	**200**	**3,346**

Keterangan : **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 15. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan pancang di tipe ekosistem hutan dataran rendah transek 3

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP	H'
1	Sukun hutan	*Artocarpus altilis* (Parkinson) Fosberg.	267	0,33	4,81	3,97	8,78	0,137
2	Sp-1 T1P7	*Champereia manillana* (Bl.) Merrill	187	0,4	3,37	4,76	8,13	0,13
3	Soma-soma, kofa	*Barringtonia racemosa* Hort. ex Miq.	293	0,2	5,29	2,38	7,67	0,125
4	Watartesa, senapa, senepa, sapartesa	*Rhodamnia latifolia* (Benth.) Miq.	240	0,27	4,33	3,17	7,5	0,123
5	Senau	*Palaquium sericeum* H.J. Lam	213	0,27	3,85	3,17	7,02	0,118
6	Sp-15 T3	*Ficus tinctoria* Forst. f. subsp. tinctoria	240	0,2	4,33	2,38	6,71	0,114
7	Witai, weto	*Mangifera foetida* Lour.	187	0,27	3,37	3,17	6,54	0,112
8	Pare, para	*Canarium hirsutum* Willd.	160	0,27	2,88	3,17	6,06	0,106
9	Idona	*Ficus obscura* Bl.	213	0,13	3,85	1,59	5,43	0,098
10	Kopi hutan	*Tricalysia singularis* Korth.	107	0,27	1,92	3,17	5,1	0,094
11	Pohon-2 T3P8	*Callicarpa longifolia* Lam.	133	0,2	2,4	2,38	4,78	0,089
12	Pancang-9 T6P2	*Ficus sp.*	160	0,13	2,88	1,59	4,47	0,085
13	Pancang-1 T5P10	*Brownlowia argentata* Kurz	107	0,2	1,92	2,38	4,3	0,083
14	Sp-30 T3	*Garcinia* cf. *maluensis* Laut.	107	0,2	1,92	2,38	4,3	0,083
15	Wata, matoa	*Pometia pinnata* J.R. & G. Forst.	107	0,2	1,92	2,38	4,3	0,083
16	Pancang-1 T5P8	*Lepisanthes tetraphylla* (Vahl) Radlk.	133	0,13	2,4	1,59	3,99	0,078
17	Sp1-T3	*Ilex arnhemensis* (F. Muell.) Loes.	107	0,13	1,92	1,59	3,51	0,071
18	Tise, tuda, kapao	*Aporosa* cf. *elmeri* Merr.	107	0,13	1,92	1,59	3,51	0,071
19	Tiang-1 T3P8	*Claoxylon sp.*	80	0,13	1,44	1,59	3,03	0,063
20	Firoro, nete-nete	*Horsfieldia irya* (Gaertn.) Warb.	80	0,13	1,44	1,59	3,03	0,063
21	Kiwibi	*Cynometra ramiflora* L.	80	0,13	1,44	1,59	3,03	0,063
22	Tangguh, dura, sea, tago, tagoh	*Goniothalamus aruensis* Scheff.	80	0,13	1,44	1,59	3,03	0,063
23	Pinang	*Areca catechu* L.	107	0,07	1,92	0,79	2,72	0,058
24	Katoto	*Cryptocarya sp.* 3	53	0,13	0,96	1,59	2,55	0,056
25	Kisawe, kisawai, sawi	*Pleomele angustifolia* (Roxb.) N.E. Br.	53	0,13	0,96	1,59	2,55	0,056
26	Kiwibi, kiwi	*Hymenaea courbaril* Linn.	53	0,13	0,96	1,59	2,55	0,056
27	Seri	*Glochidion lutescens* Bl.	53	0,13	0,96	1,59	2,55	0,056

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP	H'
28	Sinatibi	*Macaranga aleuritoides* F. Muell.	53	0,13	0,96	1,59	2,55	0,056
29	Tanaso	*Jagera serrata* (Roxb.) Radlk.	53	0,13	0,96	1,59	2,55	0,056
30	Tawo, weto, vetau	*Aglaia tomentosa* Merrill	53	0,13	0,96	1,59	2,55	0,056
31	Tiang-1 T3P6	*Flindersia laevicarpa* White & Francis	53	0,13	0,96	1,59	2,55	0,056
32	Yebere	*Cryptocarya cagayanensis* Merr.	53	0,13	0,96	1,59	2,55	0,056
33	Kenawa, surupa	*Macaranga tessellata* Gage	80	0,07	1,44	0,79	2,24	0,05
34	Kewebenesa	*Maniltoa schefferi* K. Schum.	80	0,07	1,44	0,79	2,24	0,05
35	Mahang	*Macaranga involucrata* (Roxb.) Baillon	80	0,07	1,44	0,79	2,24	0,05
36	Tororo, koma	*Ficus virens* W. Ait.	80	0,07	1,44	0,79	2,24	0,05
37	Anu	*Galearia celebica* Koorders	53	0,07	0,96	0,79	1,76	0,042
38	Bera, itiya	*Timonius timon* (Spreng.) Merrill	53	0,07	0,96	0,79	1,76	0,042
39	Bintangur daun lebar	*Calophyllum persemile* P.F. Stevens	53	0,07	0,96	0,79	1,76	0,042
40	Kise, roro, asu, yotoh, kumi	*Aporosa sp*. 1	53	0,07	0,96	0,79	1,76	0,042
41	Pancang-1 T1P9	*Prainea papuana* Becc.	53	0,07	0,96	0,79	1,76	0,042
42	Pancang-4 T5P9	*Syzygium sp*. 2	53	0,07	0,96	0,79	1,76	0,042
43	Pohon-2 T3P3	*Casearia erythrocarpa*	53	0,07	0,96	0,79	1,76	0,042
44	Sp-2 T4P4	*Macaranga conifera* Muell. Arg.	53	0,07	0,96	0,79	1,76	0,042
45	Sp-41 T1	*Ficus elastica* Roxburgh ex Hornem.	53	0,07	0,96	0,79	1,76	0,042
46	Sp-T1P4	*Lasianthus cyanocarpoides* Val.	53	0,07	0,96	0,79	1,76	0,042
47	Wadora, nota	*Pimeleodendron amboinicum* Hassk.	53	0,07	0,96	0,79	1,76	0,042
48	Ewata	*Alphonsea sp.*	27	0,07	0,48	0,79	1,27	0,032
49	Fete	*Medusanthera* sp.	27	0,07	0,48	0,79	1,27	0,032
50	Ganemo, kawanisa	*Gnetum gnemon* L.	27	0,07	0,48	0,79	1,27	0,032
51	Ipeh	*Lasianthus attenuatus* Jack, or aff.	27	0,07	0,48	0,79	1,27	0,032
52	Kiwikebe	*Vitex trifolia* L.	27	0,07	0,48	0,79	1,27	0,032
53	Kobe	*Cryptocarya* cf. *strictifolia* Kosterm.	27	0,07	0,48	0,79	1,27	0,032
54	Mapuge, maruge	*Archidendron clypearia* (Jack) Nielsen	27	0,07	0,48	0,79	1,27	0,032
55	Masoi	*Koordersiodendron pinnatum* (Blanco) Merrill	27	0,07	0,48	0,79	1,27	0,032
56	Nate, nesaro	*Myristica* cf. *lancifolia* Merrill	27	0,07	0,48	0,79	1,27	0,032

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP	H'
57	Pancang-10 T6P4	*Undeterminated*	27	0,07	0,48	0,79	1,27	0,032
58	Pancang-12 T5P10	*Conandrium rhynchocarpum* (Scheff.) Mez	27	0,07	0,48	0,79	1,27	0,032
59	Pancang-13 T6P4	*Undeterminated*	27	0,07	0,48	0,79	1,27	0,032
60	Pancang-2 T5P10	*Syzygium sp*. 6	27	0,07	0,48	0,79	1,27	0,032
61	Pancang-2 T5P5	*Syzygium sp*. 5	27	0,07	0,48	0,79	1,27	0,032
62	Pancang-5 T5P8	*Campnosperma* cf. *brevipetiolata* Volk.	27	0,07	0,48	0,79	1,27	0,032
63	Pancang-7 T6P2	*Undeterminated*	27	0,07	0,48	0,79	1,27	0,032
64	Pohon-1 T2P7	*Ficus wassa* Roxb.	27	0,07	0,48	0,79	1,27	0,032
65	Pohon-3 T3P8	*Pericopsis mooniana*	27	0,07	0,48	0,79	1,27	0,032
66	Tanego, panego, kitira, kifira, ngiwau	*Palaquium obtusifolium* Burck.	27	0,07	0,48	0,79	1,27	0,032
67	Tera-tera	*Memecylon edule*	27	0,07	0,48	0,79	1,27	0,032
68	Tiang-1 T3P8	*Claoxylon sp*.	27	0,07	0,48	0,79	1,27	0,032
69	Wafe	*Myristica inutilis* Rich. ex A. Gray	27	0,07	0,48	0,79	1,27	0,032
70	Wakore	*Santiria griffithii* Engl.	27	0,07	0,48	0,79	1,27	0,032
71	Wano	*Cryptocarya mentek* Blume ex Nees	27	0,07	0,48	0,79	1,27	0,032
72	Wose	*Syzygium sp*. 1	27	0,07	0,48	0,79	1,27	0,032
Total			**5547**	**8,4**	**100**	**100**	**200**	**4,075**

Keterangan : **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 16. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan tiang di tipe ekosistem hutan dataran rendah transek 3

No.	Nama Lokal	Nama Ilmiah	K	KR (%)	F	FR (%)	D	DR (%)	INP (%)	H'
1	Soma-soma, kofa	*Barringtonia racemosa* Hort. ex Miq.	27	0,2	0,38	14,29	11,54	11,59	37,41	0,26
2	Seri	*Glochidion lutescens* Bl.	13	0,13	0,38	7,14	7,69	11,59	26,42	0,214
3	Watartesa, senapa, senepa, sapartesa	*Rhodamnia latifolia* (Benth.) Miq.	13	0,13	0,27	7,14	7,69	8,13	22,97	0,197
4	Senau	*Palaquium sericeum* H.J. Lam	13	0,13	0,25	7,14	7,69	7,52	22,36	0,194
5	Tororo, koma	*Ficus virens* W. Ait.	13	0,07	0,27	7,14	3,85	8,33	19,32	0,177
6	Sudu, sabeta, nege, sopoi-sopoi, pue-pue, kagonosa, dora, norara	*Mallotus penangensis* Muell. Arg.	7	0,07	0,19	3,57	3,85	5,69	13,11	0,137
7	Jambu hutan	*Syzygium sp*. 4	7	0,07	0,17	3,57	3,85	5,08	12,5	0,132
8	Wasora, mora-mora, mura-mura	*Dysoxylum arborescens* Miq.	7	0,07	0,17	3,57	3,85	5,08	12,5	0,132
9	Wata, matoa	*Pometia pinnata* J.R. & G. Forst.	7	0,07	0,17	3,57	3,85	5,08	12,5	0,132
10	Sp-2 T4P4	*Macaranga conifera* Muell. Arg.	7	0,07	0,13	3,57	3,85	4,07	11,48	0,125
11	Sp-15 T3	*Ficus tinctoria* Forst. f. subsp. tinctoria	7	0,07	0,12	3,57	3,85	3,66	11,08	0,122
12	Congkok	*Livistona sp*.	7	0,07	0,1	3,57	3,85	3,05	10,47	0,117
13	Ewata	*Alphonsea sp.*	7	0,07	0,1	3,57	3,85	3,05	10,47	0,117
14	Nate, nesaro	*Myristica* cf. *lancifolia* Merrill	7	0,07	0,1	3,57	3,85	3,05	10,47	0,117
15	Tanaso	*Jagera serrata* (Roxb.) Radlk.	7	0,07	0,09	3,57	3,85	2,64	10,06	0,114
16	Pare, para	*Canarium hirsutum* Willd.	7	0,07	0,07	3,57	3,85	2,24	9,65	0,111
17	Pohon-2 T3P3	*Casearia erythrocarpa*	7	0,07	0,07	3,57	3,85	2,24	9,65	0,111
18	Sukun hutan	*Artocarpus altilis* (Parkinson) Fosberg.	7	0,07	0,07	3,57	3,85	2,24	9,65	0,111
19	Fine	*Campnosperma montana* Laut.	7	0,07	0,07	3,57	3,85	2,03	9,45	0,109
20	Wadora, nota	*Pimeleodendron amboinicum* Hassk.	7	0,07	0,07	3,57	3,85	2,03	9,45	0,109
21	Sp1-T3	*Ilex arnhemensis* (F. Muell.) Loes.	7	0,07	0,05	3,57	3,85	1,63	9,04	0,106
Total			**187**	**1,73**	**3,28**	**100**	**100**	**100**	**300**	**2,941**

Keterangan : **K** = Kerapatan; **KR** = Kerapatan Relatif; **F** = Frekuensi**; FR** = Frekuensi Relatif; **D** = Dominansi**; DR** = Dominansi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 17. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan pohon di tipe ekosistem hutan dataran rendah transek 3

No.	Nama Lokal	Nama Ilmiah	K	KR (%)	F	FR (%)	D	DR (%)	INP (%)	H'
1	Merbau	*Intsia bijuga A. Gray.*	15	0,47	7,91	8,11	8,14	18,87	35,12	0,251
2	Wata, matoa	*Pometia pinnata* J.R. & G. Forst.	13	0,4	3,72	7,21	6,98	8,86	23,05	0,197
3	Adaura	*Artocarpus teysmannii* Miq.	7	0,2	4,04	3,6	3,49	9,64	16,73	0,161
4	Kiwibi, kiwi	*Hymenaea courbaril* Linn.	10	0,2	1,77	5,41	3,49	4,23	13,12	0,137
5	Jabon	*Anthocephalus chinensis* (Lamk.) Rich. Ex Walp.	13	0,13	1,25	7,21	2,33	2,97	12,51	0,132
6	Seri	*Glochidion lutescens* Bl.	7	0,27	1,46	3,6	4,65	3,49	11,75	0,127
7	Tanaso	*Jagera serrata* (Roxb.) Radlk.	5	0,13	2,18	2,7	2,33	5,2	10,23	0,115
8	Damar, arowe, kibi, parada, marada	*Vatica rassak* (Korth.) Bl.	7	0,2	1,3	3,6	3,49	3,09	10,18	0,115
9	Nate, nesaro	*Myristica* cf. *lancifolia* Merrill	5	0,2	1,27	2,7	3,49	3,02	9,21	0,107
10	Pare, para	*Canarium hirsutum* Willd.	3	0,13	2,02	1,8	2,33	4,82	8,95	0,105
11	Wafe	*Myristica inutilis* Rich. ex A. Gray	5	0,2	0,89	2,7	3,49	2,12	8,31	0,099
12	Sp-30 T3	*Garcinia* cf. *maluensis* Laut.	5	0,2	0,68	2,7	3,49	1,63	7,82	0,095
13	Sp-2 T4P4	*Macaranga conifera* Muell. Arg.	5	0,2	0,55	2,7	3,49	1,32	7,51	0,092
14	Tanage, ikimuri	*Ficus benjamina* L.	3	0,13	1,21	1,8	2,33	2,89	7,02	0,088
15	Tororo, koma	*Ficus virens* W. Ait.	7	0,13	0,31	3,6	2,33	0,74	6,66	0,085
16	Sp-1 T1P7	*Champereia manillana* (Bl.) Merrill	3	0,13	1,01	1,8	2,33	2,41	6,54	0,083
17	Kiwibi	*Cynometra ramiflora* L.	3	0,13	0,92	1,8	2,33	2,19	6,31	0,081
18	Bera, itiya	*Timonius timon* (Spreng.) Merrill	5	0,13	0,44	2,7	2,33	1,06	6,09	0,079
19	Pancang-1 T1P9	*Prainea papuana* Becc.	5	0,07	0,86	2,7	1,16	2,04	5,9	0,077
20	Watartesa, senapa, senepa, sapartesa	*Rhodamnia latifolia* (Benth.) Miq.	3	0,13	0,43	1,8	2,33	1,03	5,15	0,07
21	Pohon-1 T2P7	*Ficus wassa* Roxb.	3	0,07	0,88	1,8	1,16	2,1	5,06	0,069
22	Yatofa	*Alstonia scholaris* (L.) R. Br.	2	0,07	1,21	0,9	1,16	2,88	4,94	0,068
23	Katoto, yaguru, sipe-sipe	*Cryptocarya sp.* 1	3	0,13	0,29	1,8	2,33	0,68	4,81	0,066
24	Sudu, sabeta, nege, sopoi-sopoi, pue-pue, kagonosa, dora, norara	*Mallotus penangensis* Muell. Arg.	3	0,13	0,28	1,8	2,33	0,66	4,78	0,066

No.	Nama Lokal	Nama Ilmiah	K	KR (%)	F	FR (%)	D	DR (%)	INP (%)	H'
25	Kage	*Endospermum moluccanum* (T. & B.) Kurz.	3	0,13	0,2	1,8	2,33	0,48	4,6	0,064
26	Masoi	*Koordersiodendron pinnatum* (Blanco) Merrill	2	0,07	1,06	0,9	1,16	2,53	4,59	0,064
27	Nibung	*Oncosperma filamentosum* Bl.	3	0,13	0,13	1,8	2,33	0,32	4,45	0,062
28	Eyah	*Sloanea aberans* (Brandis) A.C. Smith	3	0,13	0,12	1,8	2,33	0,29	4,42	0,062
29	Pohon-2 T3P3	*Casearia erythrocarpa*	2	0,07	0,84	0,9	1,16	2	4,06	0,058
30	Tore, sowara	*Cryptocarya weinlandii* K. Schum. & Lauterb.	3	0,07	0,28	1,8	1,16	0,66	3,62	0,053
31	Senau	*Palaquium sericeum* H.J. Lam	2	0,07	0,61	0,9	1,16	1,44	3,51	0,052
32	Ketai	*Clerodendrum tracyanum* (F. Muell.) Benth.	3	0,07	0,2	1,8	1,16	0,48	3,45	0,051
33	Sp-15 T3	*Ficus tinctoria* Forst. f. subsp. tinctoria	3	0,07	0,12	1,8	1,16	0,29	3,25	0,049
34	Sukun hutan	*Artocarpus altilis* (Parkinson) Fosberg.	2	0,07	0,27	0,9	1,16	0,63	2,7	0,042
35	Sp1-T3	*Ilex arnhemensis* (F. Muell.) Loes.	2	0,07	0,22	0,9	1,16	0,52	2,59	0,041
36	Aruta, cempedak	*Artocarpus integer* (Thunb.) Merr.	2	0,07	0,19	0,9	1,16	0,45	2,51	0,04
37	Urwa	*Palaquium obovatum* (Griff.) Engl.	2	0,07	0,15	0,9	1,16	0,36	2,43	0,039
38	Pohon-1 T3P5	*Aceratium ledermannii* Schltr.	2	0,07	0,14	0,9	1,16	0,34	2,41	0,039
39	Afo, watare, watera, watora	*Macaranga mappa* Muell. Arg.	2	0,07	0,13	0,9	1,16	0,32	2,38	0,038
40	Sotoro	*Teijsmanniodendron* sp.	2	0,07	0,13	0,9	1,16	0,3	2,37	0,038
41	Fete, lidai, ware	*Gironniera hirta* Planch	2	0,07	0,08	0,9	1,16	0,19	2,26	0,037
42	Ganemo, kawanisa	*Gnetum gnemon* L.	2	0,07	0,08	0,9	1,16	0,18	2,24	0,037
43	Kibo	*Xylopia caudata* Hook.f. & Thoms.	2	0,07	0,08	0,9	1,16	0,18	2,24	0,037
44	Ewata	*Alphonsea sp.*	2	0,07	0,05	0,9	1,16	0,12	2,19	0,036
Total			**185**	**5,73**	**41,93**	**100**	**100**	**100**	**300**	**3,506**

Keterangan: **K** = Kerapatan; **KR** = Kerapatan Relatif; **F** = Frekuensi**; FR** = Frekuensi Relatif; **D** = Dominansi**; DR** = Dominansi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 18. Indeks nilai penting jenis tumbuhan bawah pada tipe ekosistem hutan dataran rendah transek 3

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H'
1	Owe-owe	*Selaginella plana* (Desv.) Hieron	2333	0,27	58,33	30,77	89,10	0,360
2	Musuri	*Alpinia sp.*	833	0,27	20,83	30,77	51,60	0,350
3	Musuri huruma	*Zingiber sp.*	333	0,13	8,33	15,38	23,72	0,253
4	Nede-nede, nida-nida	*Melastoma malabathricum* Linn.	167	0,07	4,17	7,69	11,86	0,168
5	Sopage	*Donax cannaeformis* (G. Forst.) K. Schum.	167	0,07	4,17	7,69	11,86	0,168
6	Tesa, wantaro, taa, siropa	*Taenitis blechnoides* (Willd.) Swartz.	167	0,07	4,17	7,69	11,86	0,168
Total			**4000**	**0,87**	**100,00**	**100,00**	**200,00**	**1,465**

Keterangan: **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 19. Indeks nilai penting jenis tumbuhan epifit dan liana di tipe ekosistem hutan dataran rendah transek 3

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H'
1	Kagetisa daun besar/sedang	*Rhaphidophora sylvestris* (Bl.) Engl.	142	1,00	32,57	17,44	50,01	0,347
2	Kagetisa daun kecil	*Pothos falcifolius* Engl. & K. Krause	75	0,80	17,24	13,95	31,19	0,290
3	Sapo-sapo, sapara	*Ficus pumila* L.	60	0,53	13,79	9,30	23,10	0,249
4	Rotan T1P1-1	*Calamus aruensis* Becc.	37	0,53	8,43	9,30	17,73	0,215
5	Kafeta, somasio, takuri	*Entada phaseoloides* (L.) Merr.	15	0,47	3,45	8,14	11,59	0,165
6	Muki	*Freycinetia graminea* Bl.	18	0,40	4,21	6,98	11,19	0,161
7	Fato, ketu-ketu	*Rhapidophora sp.*	17	0,33	3,83	5,81	9,65	0,146
8	Wadatene	*Asplenium nidus* L.	10	0,27	2,30	4,65	6,95	0,117
9	Pandan duri	*Freycinetia* cf. *negrosensis* Merr.	10	0,20	2,30	3,49	5,79	0,103
10	Fotesa kisiri, tofanesa	*Piper caninum* Bl.	8	0,20	1,92	3,49	5,40	0,098
11	Pakar pohon	*Psychotria* cf. *sarmentosa* Blume	5	0,20	1,15	3,49	4,64	0,087
12	Sipu	*Lycopodium cernuum* L.	5	0,20	1,15	3,49	4,64	0,087
13	Kate	*Stemona tuberosa* Lour.	7	0,13	1,53	2,33	3,86	0,076
14	Yesirara	*Flagellaria indica* L.	7	0,13	1,53	2,33	3,86	0,076
15	Tewa	*Ficus miquelii* King	10	0,07	2,30	1,16	3,46	0,070
16	Anggrek hijau	*Vittaria suberosa* Christ.	3	0,07	0,77	1,16	1,93	0,045
17	Paku ahaka	*Vittaria scolopendrina* (Borry) Thw.	3	0,07	0,77	1,16	1,93	0,045
18	Akar pulai	*Alstonia sp.*	2	0,07	0,38	1,16	1,55	0,038
19	Wantaronisa, paku-paku	*Stenochlaena palustris* (Burm.f.) Bedd.	2	0,07	0,38	1,16	1,55	0,038
Total			**435**	**5,73**	**100,00**	**100,00**	**200,00**	**2,452**

Keterangan: **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 20. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan semai di tipe ekosistem hutan rawa

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H'
1	Watura	*Bruguirea parviflora* (Roxb.) Wight. & Arn.	2000	0,40	63,16	50,00	113,16	0,322
2	Kitis, kitisi	*Hibiscus tiliaceus* L.	667	0,20	21,05	25,00	46,05	0,338
3	Kakabora, kakabaura	*Dolichandrone spathacea* (L.f.) K. Sch.	333	0,13	10,53	16,67	27,19	0,271
4	Benabo	*Ficus sp.*	167	0,07	5,26	8,33	13,60	0,183
Total			**3167**	**0,80**	**100,00**	**100,00**	**200,00**	**1,114**

Keterangan: **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 21. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan pancang di tipe ekosistem hutan rawa

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP	H'
1	Kakabora, kakabaura	*Dolichandrone spathacea* (L.f.) K. Sch.	1467	0,80	41,04	23,08	64,12	0,365
2	Kitis, kitisi	*Hibiscus tiliaceus* L.	693	0,53	19,40	15,38	34,79	0,304
3	Wisi, kibisi	*Inocarpus fagiferus* (Parkinson) Forsb.	427	0,60	11,94	17,31	29,25	0,281
4	Kimura, kiriri, kiropa	*Pongamia pinnata* (L.) Pierre	320	0,47	8,96	13,46	22,42	0,245
5	Soma-soma, kofa	*Barringtonia racemosa* Hort. ex Miq.	213	0,27	5,97	7,69	13,66	0,183
6	Watura	*Bruguirea parviflora* (Roxb.) Wight. & Arn.	133	0,27	3,73	7,69	11,42	0,164
7	Sukun, sukun hutan	*Artocarpus altilis* (Parkinson) Fosberg.	53	0,13	1,49	3,85	5,34	0,097
8	Pancang A (T8P13)	*Neuburgia corynocarpa* (A. Gray) Leenh.	80	0,07	2,24	1,92	4,16	0,081
9	Idetu, kamo, sika, wino	*Helicia sp.*	53	0,07	1,49	1,92	3,42	0,070
10	Sapo	*Sonneratia caseolaris* (L.) Engl.	53	0,07	1,49	1,92	3,42	0,070
11	Benabo	*Ficus sp.*	27	0,07	0,75	1,92	2,67	0,058
12	Mayatatabo, surimayata	*Decaspermum bracteatum* (Roxb.) A.J. Schott.	27	0,07	0,75	1,92	2,67	0,058
13	Soma-soma, dungun	*Heritiera littoralis* Aiton	27	0,07	0,75	1,92	2,67	0,058
Total			**3573**	**3,47**	**100,00**	**100,00**	**200,00**	**2,031**

Keterangan: **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 22. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan tiang di tipe ekosistem hutan rawa

No.	Nama Lokal	Nama Ilmiah	K	KR (%)	F	FR (%)	D	DR (%)	INP (%)	H'
1	Kakabora, kakabaura	*Dolichandrone spathacea* (L.f.) K. Sch.	67	0,53	1,19	40,00	44,44	41,06	125,50	0,365
2	Watura	*Bruguirea parviflora* (Roxb.) Wight. & Arn.	47	0,20	0,95	28,00	16,67	32,80	77,46	0,350
3	Wisi, kibisi	*Inocarpus fagiferus* (Parkinson) Forsb.	20	0,20	0,27	12,00	16,67	9,40	38,07	0,262
4	Kimura, kiriri, kiropa	*Pongamia pinnata* (L.) Pierre	20	0,20	0,27	12,00	16,67	9,17	37,84	0,261
5	Soma-soma, kofa	*Barringtonia racemosa* Hort. ex Miq.	13	0,07	0,22	8,00	5,56	7,57	21,12	0,187
Total			**167**	**1,20**	**2,91**	**100,00**	**100,00**	**100,00**	**300,00**	**1,424**

Keterangan**: K** = Kerapatan; **KR** = Kerapatan Relatif; **F** = Frekuensi**; FR** = Frekuensi Relatif; **D** = Dominansi**; DR** = Dominansi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 23. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan pohon di tipe ekosistem hutan rawa

No.	Nama Lokal	Nama Ilmiah	K	KR (%)	F	FR (%)	D	DR (%)	INP (%)	H'
1	Watura	*Bruguirea parviflora* (Roxb.) Wight. & Arn.	42	0,67	5,76	42,37	38,46	41,18	122,02	0,366
2	Kakabora, kakabaura	*Dolichandrone spathacea* (L.f.) K. Sch.	38	0,60	6,70	38,98	34,62	47,86	121,45	0,366
3	Kimura, kiriri, kiropa	*Pongamia pinnata* (L.) Pierre	12	0,20	1,07	11,86	11,54	7,66	31,06	0,235
4	Wisi, kibisi	*Inocarpus fagiferus* (Parkinson) Forsb.	2	0,07	0,15	1,69	3,85	1,08	6,63	0,084
5	Kitis, kitisi	*Hibiscus tiliaceus* L.	2	0,07	0,12	1,69	3,85	0,85	6,39	0,082
6	Idetu, kamo, sika, wino	*Helicia sp.*	2	0,07	0,11	1,69	3,85	0,79	6,33	0,081
7	Sapo	*Sonneratia caseolaris* (L.) Engl.	2	0,07	0,08	1,69	3,85	0,58	6,12	0,079
Total			**98**	**1,73**	**13,99**	**100,00**	**100,00**	**100,00**	**300,00**	**1,294**

Keterangan**: K** = Kerapatan; **KR** = Kerapatan Relatif; **F** = Frekuensi**; FR** = Frekuensi Relatif; **D** = Dominansi**; DR** = Dominansi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 24. Indeks nilai penting jenis tumbuhan bawah pada tipe ekosistem hutan rawa

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H'
1	Pandan pohon, paku pohon	*Pandanus sp*.	3333	0,60	37,04	33,33	70,37	0,368
2	Yatesa, catesa, piyai	*Acrostichum aureum* L.	2500	0,47	27,78	25,93	53,70	0,353
3	Kafenisa	*Acanthus ilicifolius* L.	1667	0,40	18,52	22,22	40,74	0,324
4	Firiwo	*Crinum asiaticum* L.	500	0,13	5,56	7,41	12,96	0,177
5	Kafirsa, kafirsa huruma	*Paspalum conjugatum* Berg.	667	0,07	7,41	3,70	11,11	0,161
6	Perupok	*Phragmites karka* Trin	167	0,07	1,85	3,70	5,56	0,100
7	Teki rawa coklat	*Cyperus compressus* L.	167	0,07	1,85	3,70	5,56	0,100
Total			**9000**	**1,80**	**100,00**	**100,00**	**200,00**	**1,582**

Keterangan: **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 25. Indeks nilai penting jenis tumbuhan epifit dan liana di tipe ekosistem hutan rawa

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H'
1	Yesirara	*Flagellaria indica* L.	105	0,80	30,43	19,05	49,48	0,346
2	Kagetisa daun kecil	*Pothos falcifolius* Engl. & K. Krause	103	0,73	29,95	17,46	47,41	0,341
3	Kagetisa daun besar/sedang	*Rhaphidophora sylvestris* (Bl.) Engl.	37	0,60	10,63	14,29	24,91	0,259
4	Fiso	*Derris trifoliata* Lour.	28	0,40	8,21	9,52	17,74	0,215
5	Wadatene	*Asplenium nidus* L.	22	0,33	6,28	7,94	14,22	0,188
6	Anggrek hijau	*Vittaria suberosa* Christ.	10	0,33	2,90	7,94	10,84	0,158
7	Notoro	*Poikilospermum sp.*	7	0,27	1,93	6,35	8,28	0,132
8	Kase	*Tetrastigma pedunculare* (Wall.) Planch.	12	0,20	3,38	4,76	8,14	0,130
9	Tantega huruma	*Dalbergia candenatensis* (Dennst.) Prain	8	0,13	2,42	3,17	5,59	0,100
10	Wantaronisa, paku-paku	*Stenochlaena palustris* (Burm.f.) Bedd.	5	0,13	1,45	3,17	4,62	0,087
11	Anggrek kancing	*Hoya* sp.	3	0,07	0,97	1,59	2,55	0,056
12	Akar ara	*Ficus binnendykii* (Miq.) Miq.	2	0,07	0,48	1,59	2,07	0,047
13	Anggrek putih	*Bulbophyllum* sp.	2	0,07	0,48	1,59	2,07	0,047
14	Wadatene	*Lecanopteris carnosa* (Reinw.) Bl.	2	0,07	0,48	1,59	2,07	0,047
Total			**345**	**4,20**	**100,00**	**100,00**	**200,00**	**2,154**

Keterangan: **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 26. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan semai di tipe ekosistem hutan mangrove

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H'
1	Weda laut	*Avicennia marina* (Forst.f.) Bakh.	1875	0,45	60,00	64,29	124,29	0,296
2	Sapo	*Sonneratia alba* J. Smith.	875	0,10	28,00	14,29	42,29	0,329
3	Watora, tonate, wabi-wabi	*Rhizophora apiculata* Bl.	375	0,15	12,00	21,43	33,43	0,299
Total			**3125**	**0,70**	**100,00**	**100,00**	**200,00**	**0,923**

Keterangan: **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 27. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan pancang di tipe ekosistem hutan mangrove

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP	H'
1	Weda laut	*Avicennia marina* (Forst.f.) Bakh.	780	0,75	70,91	60,00	130,91	0,277
2	Watora, tonate, wabi-wabi	*Rhizophora apiculata* Bl.	220	0,30	20,00	24,00	44,00	0,333
3	Sapo	*Sonneratia alba* J. Smith.	100	0,20	9,09	16,00	25,09	0,260
Total			**1100**	**1,25**	**100,00**	**100,00**	**200,00**	**0,871**

Keterangan: **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 28. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan tiang di tipe ekosistem hutan mangrove

No.	Nama Lokal	Nama Ilmiah	K	KR (%)	F	FR (%)	D	DR (%)	INP (%)	H'
1	Sapo	*Sonneratia alba* J. Smith.	60	0,40	1,14	48,00	47,06	55,75	150,80	0,346
2	Weda laut	*Avicennia marina* (Forst.f.) Bakh.	65	0,45	0,91	52,00	52,94	44,25	149,20	0,347
Total			**125**	**0,85**	**2,05**	**100,00**	**100,00**	**100,00**	**300,00**	**0,693**

Keterangan: **K** = Kerapatan; **KR** = Kerapatan Relatif; **F** = Frekuensi**; FR** = Frekuensi Relatif; **D** = Dominansi**; DR** = Dominansi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 29. Indeks nilai penting jenis tumbuhan habitus pohon pada tingkat pertumbuhan pohon di tipe ekosistem hutan mangrove

No.	Nama Lokal	Nama Ilmiah	K	KR (%)	F	FR (%)	D	DR (%)	INP (%)	H'
1	Sapo	*Sonneratia alba* J. Smith.	149	1,00	16,45	97,54	90,91	99,06	287,51	0,041
2	Weda laut	*Avicennia marina* (Forst.f.) Bakh.	4	0,10	0,16	2,46	9,09	0,94	12,49	0,132
Total			**153**	**1,10**	**16,61**	**100,00**	**100,00**	**100,00**	**300,00**	**0,173**

Keterangan: **K** = Kerapatan; **KR** = Kerapatan Relatif; **F** = Frekuensi**; FR** = Frekuensi Relatif; **D** = Dominansi**; DR** = Dominansi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 30. Indeks nilai penting jenis tumbuhan epifit dan liana di tipe ekosistem hutan mangrove

No.	Nama Lokal	Nama Ilmiah	Kerapatan (ind./ha)	Frekuensi	KR (%)	FR (%)	INP (%)	H'
1	Wadatene	*Asplenium nidus* L.	6	0,25	25,00	62,50	87,50	0,362
2	Wadatene	*Lecanopteris carnosa* (Reinw.) Bl.	15	0,05	60,00	12,50	72,50	0,368
3	Wetara	*Drynaria sparsisora* (Desv.) Moore	4	0,10	15,00	25,00	40,00	0,322
Total			**25**	**0,40**	**100,00**	**100,00**	**200,00**	**1,051**

Keterangan: **KR** = Kerapatan Relatif; **FR** = Frekuensi Relatif; **INP** = Indeks Nilai Penting; **H'** = Keanekaragaman Jenis

Tabel 31. Potensi volume kayu jenis tumbuhan habitus pohon pada tingkat pertumbuhan semai di tipe ekosistem hutan dataran rendah transek 1

No.	Nama Lokal	Nama Ilmiah	Volume (m^3/ha)					
			10-19	20-29	30-39	40-49	>50	Jumlah
1	Tiang T2P1	*Actinodaphne malaccensis* Hook.f	0,09					0,09
2	Tawo, weto, vetau	*Aglaia tomentosa* Merrill	0,58					0,58
3	Siwa, tago	*Alphitonia incana* (Roxb.) Teijsm.& Binn. ex Kurz.	1,17	1,79				2,96
4	Tabiso	*Alstonia spectabilis* Kurz.		1,36				1,36
5	Jabon	*Anthocephalus chinensis* (Lamk.) Rich. Ex Walp.	3,96	3,95	0,81			8,72
6	Pinang	*Areca catechu* L.	0,57					0,57
7	Aruta, cempedak	*Artocarpus integer* (Thunb.) Merr.		0,37				0,37
8	Isuri	*Calophyllum soulattri* Burm.f.	0,29	1,1				1,39
9	Enomo	*Cayratia rumphiana*	0,42					0,42
10	Sp-1 T1P7	*Champereia manillana* (Bl.) Merrill	0,28	0,34				0,62
11	Tegabe	*Cyathea latebrosa* (Wall.) Copel.	0,28					0,28
12	Tanage, ikimuri	*Ficus benjamina* L.			1,21			1,21
13	Idona	*Ficus obscura* Bl.	0,82					0,82
14	Koma	*Ficus variegata* Bl.	1,79	0,37				2,16
15	Tororo, koma	*Ficus virens* W. Ait.	1,58	0,97				2,55
16	Pohon-1 T2P7	*Ficus wassa* Roxb.	0,63	0,53	1,03		4,11	6,3
17	Ganemo, kawanisa	*Gnetum gnemon* L.			0,86			0,86
18	Tangguh, dura, sea, tago, tagoh	*Goniothalamus aruensis* Scheff.		1,18		1,41	2,1	4,69
19	Merbau	*Intsia bijuga A. Gray.*		1,53	1,21			2,75
20	Berepa, huru hurumi	*Litsea firma* Hook.f.	0,12					0,12
21	Sinatibi	*Macaranga aleuritoides* F. Muell.	0,88	0,34				1,22
22	Mahang daun besar	*Macaranga gigantea* (Reichb.f. & Zoll.) Muell. Arg.	0,36					0,36
23	Mahang	*Macaranga involucrata* (Roxb.) Baillon	0,78	0,34				1,12
24	Tanego, panego, kitira, kifira, ngiwau	*Palaquium obtusifolium* Burck.	0,38					0,38
25	Neti-netiri, swariga, suwariga	*Pisonia longirostris* Teijsm. & Binnend.				1,41	2,1	3,51
26	Wata, matoa	*Pometia pinnata* J.R. & G. Forst.		0,78				0,78

No.	Nama Lokal	Nama Ilmiah	Volume (m^3/ha)					
			10-19	20-29	30-39	40-49	>50	Jumlah
27	Watartesa, senapa, senepa, sapartesa	*Rhodamnia latifolia* (Benth.) Miq.	0,88					0,88
28	Wakore	*Santiria griffithii* Engl.	0,24	0,34				0,58
29	Nipuri	*Steganthera schumanniana* Parkinson		0,53				0,53
30	Semuel	*Terminalia sp.*					6,8	6,8
31	Saparo, teo	*Trema cannabina* Lour.	0,28					0,28
32	Bese-bese	*Vernonia cinerea* (L.) Less.	0,44					0,44
33	Kibo	*Xylopia caudata* Hook.f. & Thoms.	0,24	2,88	3,24	2,69	15,46	24,5
Total			**17,04**	**18,68**	**8,35**	**5,51**	**30,58**	**80,16**

Tabel 32. Potensi volume kayu jenis tumbuhan habitus pohon pada tingkat pertumbuhan semai di tipe ekosistem hutan dataran rendah transek 2

No.	Nama Lokal	Nama Ilmiah	Volume (m^3/ha)					
			10-19	20-29	30-39	40-49	>50	Jumlah
1	Pohon-1 T3P5	*Aceratium ledermannii* Schltr.	0,31	1,12			5,05	6,48
2	Tiang T2P1	*Actinodaphne malaccensis* Hook.f		0,36				0,36
3	Damar	*Agathis labilardieri* Warb.	2,97	4,35	5,66	3,69	13,58	30,25
4	Siwa, tago	*Alphitonia incana* (Roxb.) Teijsm.& Binn. ex Kurz.	1,04					1,04
5	Yatofa	*Alstonia scholaris* (L.) R. Br.	0,32	0,3	0,81			1,43
6	Tabiso	*Alstonia spectabilis* Kurz.	0,39	0,69				1,08
7	Jabon	*Anthocephalus chinensis* (Lamk.) Rich. Ex Walp.	0,92	0,35				1,26
8	Kise, roro, asu, yotoh, kumi	*Aporosa sp*. 1	0,68					0,68
9	Pohon-2 T3P8	*Callicarpa longifolia* Lam.		1,39				1,39
10	Isuri	*Calophyllum soulattri* Burm.f.		0,59				0,59
11	Fine	*Campnosperma montana* Laut.	0,2	1,15	0,68		2,43	4,46
12	Pare, para	*Canarium hirsutum* Willd.		0,59				0,59
13	Pohon-2 T3P3	*Casearia erythrocarpa*		0,81				0,81
14	Sp-1 T1P7	*Champereia manillana* (Bl.) Merrill	0,36	0,72			2,82	3,89
15	Tiang-1 T3P8	*Claoxylon sp*.	0,86					0,86
16	Pohon-1 T4P6	*Cratoxylon arborescens* Bl.		1,28			5,09	6,37
17	Pohon-3 T3P5	*Cupaniopsis macropetala* Radlk.	0,51	10,82				11,33
18	Nesa, nubu, ketekisiri	*Diospyros buxifolia* Hiern.	0,4					0,4
19	Pohon-2 T3P1	*Erythrospermum candidum* (Becc.) Becc.		5,66				5,66
20	Tanage, ikimuri	*Ficus benjamina* L.	0,41					0,41
21	Tororo, koma	*Ficus virens* W. Ait.	0,27	0,1		0,78		1,15
22	Tiang-1 T3P6	*Flindersia laevicarpa* White & Francis	0,63	3,55				4,18
23	Lingguah hutan	*Galearia celebica* Koorders	0,09	3,73				3,82
24	Sira, tapo-tapo, siwi, enehu	*Garcinia parvifolia* Miq.		0,87				0,87
25	Sobi	*Gironniera subaequalis* Planch.	1,02	0,41			2,16	3,6
26	Seri	*Glochidion lutescens* Bl.	0,54					0,54
27	Pohon-1 T3P4	*Glochidion novoguineense* K. Sch.		0,45			1,59	2,04
28	Tangguh, dura, sea, tago, tagoh	*Goniothalamus aruensis* Scheff.		0,81			2,39	3,19

No.	Nama Lokal	Nama Ilmiah	Volume (m^3/ha)					
			10-19	20-29	30-39	40-49	>50	Jumlah
29	Kayu minyak	*Goniothalamus cauliflorus* K. Sch.		0,87	1,27	1,31	12,17	15,62
30	Yebi-yebi	*Gonystylus macrophyllus* (Miq.) Airy Shaw	0,83					0,83
31	Sesa	*Gynotroches axillaris* Blume		2,7				2,7
32	Kiriya	*Haplolobus floribundus* (K. Schum.) H.J. Lam		0,59				0,59
33	Kiwibi, kiwi	*Hymenaea courbaril* Linn.	0,38					0,38
34	Merbau	*Intsia bijuga A. Gray.*		0,82			30	30,82
35	Tanaso	*Jagera serrata* (Roxb.) Radlk.	0,55	0,23			9,78	10,57
36	Teka	*Lasianthus oculus-cati* Miq.		0,42	1,92		2,16	4,5
37	Sinatibi	*Macaranga aleuritoides* F. Muell.	0,12					0,12
38	Mahang	*Macaranga involucrata* (Roxb.) Baillon	0,39					0,39
39	Kiwibi	*Memecylon* cf. *oleaefolium* Baker	1,31					1,31
40	Nate, nesaro	*Myristica* cf. *lancifolia* Merrill		0,44	0,69			1,13
41	Sp5-T1P4	*Myristica globosa* Warb.		0,8				0,8
42	Sp-5 T1	*Neuburgia corynocarpa* (A. Gray) Leenh.	0,36	0,31				0,67
43	Sp-5 T1	*Neuburgia corynocarpa* (A. Gray) Leenh.						0
44	Nibung	*Oncosperma filamentosum* Bl.		0,54				0,54
45	Pohon-3 T3P8	*Pericopsis mooniana*		0,27				0,27
46	Wadora, nota	*Pimeleodendron amboinicum* Hassk.	0,15					0,15
47	Wata, matoa	*Pometia pinnata* J.R. & G. Forst.		0,69	0,76		3,19	4,64
48	Pancang-1 T1P9	*Prainea papuana* Becc.		0,33	1,14			1,47
49	Watartesa, senapa, senepa, sapartesa	*Rhodamnia latifolia* (Benth.) Miq.	0,28	1,01				1,29
50	Wakore	*Santiria griffithii* Engl.	0,8	2,21	0,59			3,6
51	Wose	*Syzygium sp.*1	0,74					0,74
52	Bera, itiya	*Timonius timon* (Spreng.) Merrill	0,26					0,26
53	Damar, arowe, kibi, parada, marada	*Vatica rassak* (Korth.) Bl.	2,28	4,52	6,24	1,91	33,48	48,43
54	Kiwikebe	*Vitex trifolia* L.	0,43					0,43
55	Kibo	*Xylopia caudata* Hook.f. & Thoms.	0,21	0,63	2,89		37,51	41,24
56	Wena	*Xylopia malayana* Hook.f. & Thoms.	0,97					0,97
Total			**21,98**	**57,48**	**22,65**	**7,69**	**163,4**	**273,19**

Keterangan

Tabel 33. Potensi volume kayu jenis tumbuhan habitus pohon pada tingkat pertumbuhan semai di tipe ekosistem hutan dataran rendah transek 3

No.	Nama Lokal	Nama Ilmiah	Volume (m^3/ha)					
			10-19	20-29	30-39	40-49	>50	Jumlah
1	Pohon-1 T3P5	*Aceratium ledermannii* Schltr.		0,58				0,58
2	Ewata	*Alphonsea sp.*	0,55	0,28				0,84
3	Yatofa	*Alstonia scholaris* (L.) R. Br.					5,98	5,98
4	Jabon	*Anthocephalus chinensis* (Lamk.) Rich. Ex Walp.			7,47			7,47
5	Sukun hutan	*Artocarpus altilis* (Parkinson) Fosberg.	0,1			2,39		2,49
6	Aruta, cempedak	*Artocarpus integer* (Thunb.) Merr.			1,36			1,36
7	Adaura	*Artocarpus teysmannii* Miq.					33,41	33,41
8	Soma-soma, kofa	*Barringtonia racemosa* Hort. ex Miq.	1,21					1,21
9	Fine	*Campnosperma montana* Laut.	0,2					0,2
10	Pare, para	*Canarium hirsutum* Willd.	0,41				16,11	16,52
11	Pohon-2 T3P3	*Casearia erythrocarpa*	0,17				4,53	4,7
12	Sp-1 T1P7	*Champereia manillana* (Bl.) Merrill		0,26			7,24	7,49
13	Ketai	*Clerodendrum tracyanum* (F. Muell.) Benth.		0,51	0,51			1,02
14	Katoto, yaguru, sipe-sipe	*Cryptocarya sp.* 1			1,8			1,8
15	Tore, sowara	*Cryptocarya weinlandii* K. Schum. & Lauterb.			1,71			1,71
16	Kiwibi	*Cynometra ramiflora* L.			1,29		5,97	7,26
17	Wasora, mora-mora, mura-mura	*Dysoxylum arborescens* Miq.	0,61					0,61
18	Kage	*Endospermum moluccanum* (T. & B.) Kurz.		0,31	0,77			1,08
19	Tanage, ikimuri	*Ficus benjamina* L.			1,02		4,77	5,8
20	Sp-15 T3	*Ficus tinctoria* Forst. f. subsp. tinctoria	0,27	0,38				0,65
21	Tororo, koma	*Ficus virens* W. Ait.	1,09	1,25				2,34
22	Pohon-1 T2P7	*Ficus wassa* Roxb.		0,6			4,89	5,49
23	Sp-30 T3	*Garcinia* cf. *maluensis* Laut.		0,4		1,79	1,47	3,66
24	Fete, lidai, ware	*Gironniera hirta* Planch		0,48				0,48
25	Seri	*Glochidion lutescens* Bl.	1,28	1			8,63	10,91
26	Ganemo, kawanisa	*Gnetum gnemon* L.		0,34				0,34
27	Kiwibi, kiwi	*Hymenaea courbaril* Linn.		1,92		1,13	8,32	11,36
28	Sp1-T3	*Ilex arnhemensis* (F. Muell.) Loes.	0,17			1,88		2,05

No.	Nama Lokal	Nama Ilmiah	Volume (m^3/ha)					
			10-19	20-29	30-39	40-49	>50	Jumlah
29	Merbau	*Intsia bijuga A. Gray.*		0,43	2,31		63,78	66,52
30	Tanaso	*Jagera serrata* (Roxb.) Radlk.	0,36				13,38	13,74
31	Masoi	*Koordersiodendron pinnatum* (Blanco) Merrill					9,54	9,54
32	Congkok	*Livistona sp*.	0,28					0,28
33	Sp-2 T4P4	*Macaranga conifera* Muell. Arg.	0,6		0,67	2,45		3,72
34	Afo, watare, watera, watora	*Macaranga mappa* Muell. Arg.			0,72			0,72
35	Sudu, sabeta, nege, sopoi-sopoi, pue-pue, kagonosa, dora, norara	*Mallotus penangensis* Muell. Arg.	0,51	0,41	1,53			2,44
36	Nate, nesaro	*Myristica* cf. *lancifolia* Merrill	0,51	0,34	1,09		8,11	10,05
37	Wafe	*Myristica inutilis* Rich. ex A. Gray		0,28			6,84	7,13
38	Nibung	*Oncosperma filamentosum* Bl.		1,19				1,19
39	Urwa	*Palaquium obovatum* (Griff.) Engl.			1,16			1,16
40	Senau	*Palaquium sericeum* H.J. Lam	1,15				4,36	5,51
41	Wadora, nota	*Pimeleodendron amboinicum* Hassk.	0,23					0,23
42	Wata, matoa	*Pometia pinnata* J.R. & G. Forst.	0,77	0,37		3,72	19,78	24,63
43	Pancang-1 T1P9	*Prainea papuana* Becc.			0,53	1,91	4,03	6,47
44	Watartesa, senapa, senepa, sapartesa	*Rhodamnia latifolia* (Benth.) Miq.	1,12	0,32			2,65	4,1
45	Eyah	*Sloanea aberans* (Brandis) A.C. Smith		0,41				0,41
46	Jambu hutan	*Syzygium sp*. 4	0,92					0,92
47	Sotoro	*Teijsmanniodendron* sp.			0,96			0,96
48	Bera, itiya	*Timonius timon* (Spreng.) Merrill		0,37	0,82	1,51		2,7
49	Damar, arowe, kibi, parada, marada	*Vatica rassak* (Korth.) Bl.		0,4	2,3		5,66	8,36
50	Kibo	*Xylopia caudata* Hook.f. & Thoms.		0,27				0,27
Total			**11,58**	**11,64**	**23,95**	**15,26**	**233,8**	**296,24**

Keterangan

Tabel 34. Potensi volume kayu jenis tumbuhan habitus pohon pada tingkat pertumbuhan semai di tipe ekosistem hutan rawa

No.	Nama Lokal	Nama Ilmiah	Volume (m^3/ha)					
			10-19	20-29	30-39	40-49	>50	Jumlah
1	Idetu, kamo, sika, wino	*Helicia sp.*		0,74				0,74
2	Kakabora, kakabaura	*Dolichandrone spathacea* (L.f.) K. Sch.	5,31	4,68	1,76	6,27	4,24	22,27
3	Kimura, kiriri, kiropa	*Pongamia pinnata* (L.) Pierre	0,96	1,37	3,10			5,43
4	Kitis, kitisi	*Hibiscus tiliaceus* L.			1,06			1,06
5	Sapo	*Sonneratia caseolaris* (L.) Engl.		0,41				0,41
6	Soma-soma, kofa	*Barringtonia racemosa* Hort. ex Miq.	1,30					1,30
7	Watura	*Bruguirea parviflora* (Roxb.) Wight. & Arn.	5,90	1,91	6,83	10,35	27,00	51,99
8	Wisi, kibisi	*Inocarpus fagiferus* (Parkinson) Forsb.	1,12		1,02			2,14
Total			**14,58**	**9,11**	**13,77**	**16,62**	**31,25**	**85,33**

Tabel 35. Potensi volume kayu jenis tumbuhan habitus pohon pada tingkat pertumbuhan semai di tipe ekosistem hutan mangrove

No.	Nama Lokal	Nama Ilmiah	Volume (m^3/ha)					
			10-19	20-29	30-39	40-49	>50	Jumlah
1	Weda laut	*Avicennia marina* (Forst.f.) Bakh.	1,15	0,19				1,33
2	Sapo	*Sonneratia alba* J. Smith.	1,35	4,56	7,73	3,51	5,82	22,97
Total			**2,50**	**4,75**	**7,73**	**3,51**	**5,82**	**24,31**

Tabel 36. Daftar jenis, sebaran dan status konservasi burung di areal BP LNG Tangguh, Teluk Bintuni – Papua Barat

No.	Ordo/Famili/Spesies	Nama Indonesia	Status Perlindungan			Situs Observasi					
			PP	IUCN	CITES	HDR1	HDR2	HDR3	HMR	HPT	SVN
	ANSERIFORMES										
	Anatidae										
1	*Tadorna radjah* Lesson, 1828	Umukia raja	np	LC	na	0	0	0	0	1	0
2	*Collocalia esculenta* Linnaeus, 1758	Walet sapi	np	LC	na	7	0	0	1	2	1
3	*Mearnsia novaeguineae* D'Albertis & Salvadori, 1879	Kapinisjarum papua	np	LC	na	0	0	0	0	1	0
	Hemiprocnidae										
4	*Hemiprocne mystacea* Lesson, 1827	Tepekong jambul	np	LC	na	0	0	0	0	1	0
	CAPRIMULGIFORMES										
	Podargidae										
5	*Podargus ocellatus* Quoy & Gaimard, 1830	Paruhkodok pualam	np	LC	na	0	0	1	0	0	0
6	*Podargus papuensis* Quoy & Gaimard, 1830	Paruhkodok papua	np	LC	na	0	0	1	0	0	0
	CHARADRIIFORMES										
	Charadriidae										
7	*Charadrius leschenaultii* Lesson, 1826	Cerekpasir besar	np	LC	na	0	0	0	1	0	0
8	*Charadrius mongolus* Pallas, 1776	Cerekpasir mongolia	np	LC	na	0	0	0	1	0	0
9	*Pluvialis squatorola* Linnaeus, 1758	Cerek besar	np	LC	na	0	0	0	1	0	0
	Laridae										
10	*Chlidonias leucopterus* Temminck, 1815	Dara-laut sayap-putih	np	LC	na	0	0	0	0	1	0
11	*Sterna bergii* Lichtenstein, 1823	Dara-laut jambul	P	LC	na	0	0	0	0	1	0
12	*Sterna fuscata* Linnaeus, 1766	Dara-laut sayap-hitam	P	LC	na	0	0	0	0	1	0
13	*Sterna hirundo* Linnaeus, 1758	Dara-laut biasa	P	LC	na	0	0	0	0	1	0
	Scolopacidae										
14	*Actitis hypoleucos* Linnaeus, 1758	Trinil pantai	np	LC	na	0	0	0	1	0	0
15	*Calidris tenuirostris* Horsfield, 1821	Kedidi besar	np	LC	na	0	0	0	0	1	0
16	*Numenius phaeopus* Linnaeus, 1758	Gajahan penggala	P	LC	na	0	0	0	1	0	0
	CICONIIFORMES										
	Ardeidae										

No.	Ordo/Famili/Spesies	Nama Indonesia	Status Perlindungan			Situs Observasi					
			PP	IUCN	CITES	HDR1	HDR2	HDR3	HMR	HPT	SVN
17	*Butorides striatus* Linnaeus, 1758	Kokokan laut	np	LC	na	0	0	0	1	0	0
18	*Egretta garzetta* Linnaeus, 1766	Kuntul kecil	P	LC	na	0	0	0	1	0	0
19	*Ixobrychus flavicollis* Latham, 1790	Bambangan hitam	np	LC	na	0	0	0	0	1	0
20	*Nycticorax caledonicus* Gmelin, 1789	Kowakmalam merah	P	LC	na	0	0	0	1	0	0
	COLUMBIFORMES										
	Columbidae										
21	*Chalcophaps indica* Linnaeus, 1758	Delimukan zamrud	np	LC	na	0	1	1	0	0	0
22	*Chalcophaps stephani* Pucheran, 1853	Delimukan timur	np	LC	na	2	2	2	0	0	0
23	*Columba vitiensis* Quoy & Gaimard, 1830	Merpatihutan metalik	np	LC	na	0	1	0	0	0	0
24	*Ducula mullerii* Temminck, 1835	Pergam kalung	np	LC	na	0	1	0	0	0	0
25	*Ducula pinon* Quoy & Gaimard, 1824	Pergam pinon	np	LC	na	3	8	6	0	0	0
26	*Ducula rufigaster* Quoy & Gaimard, 1830	Pergam ekor-ungu	np	LC	na	0	1	0	0	0	0
27	*Ducula zoeae* Lesson, 1826	Pergam zoe	np	LC	na	0	2	1	0	0	0
28	*Macropygia amboinensis* Linnaeus, 1766	Uncal amban	np	LC	na	0	1	0	0	0	0
29	*Macropygia nigrirostris* Salvadori, 1875	Uncal paruh-hitam	np	LC	na	1	1	3	0	0	0
30	*Ptilinopus aurantiifrons* Gray, 1858	Walik dahi-jingga	np	LC	na	1	1	1	0	1	0
31	*Ptilinopus coronulatus* Gray, 1858	Walik lunggung	np	LC	na	0	1	0	0	0	0
32	*Ptilinopus iozonus* Gray, 1858	Walik perut-jingga	np	LC	na	1	1	1	0	0	0
33	*Ptilinopus magnificus* Temminck, 1821	Walik wompu	np	LC	na	0	1	0	0	0	0
	CORACIIFORMES										
	Alcedinidae										
34	*Alcedo azurea* Latham, 1801	Rajaudang biru-langit	P	LC	na	0	0	0	1	0	0
35	*Alcedo pusilla* Temminck, 1836	Rajaudang kecil	P	LC	na	0	0	0	1	0	0
36	*Ceyx lepidus* Temminck, 1836	Udangmerah kerdil	P	LC	na	1	1	2	0	0	0
37	*Clytoceyx rex* Sharpe, 1880	Rajaudang paruh-sekop	P	LC	na	2	4	2	0	1	1
38	*Dacelo gaudichaud* Quoy & Gaimard, 1824	Kukabura perut-merah	P	LC	na	2	1	3	0	1	1
39	*Dacelo leachii* Vigors & Horsfield, 1826	Kukabura sayap-biru	P	LC	na	0	0	1	0	0	0
40	*Melidora macrorrhina* Lesson, 1827	Rajaudang paruh-kait	P	LC	na	0	4	1	0	0	0
41	*Syma torotoro* Lesson, 1827	Cekakak torotoro	P	LC	na	1	1	1	0	0	0

No.	Ordo/Famili/Spesies	Nama Indonesia	Status Perlindungan			Situs Observasi					
			PP	IUCN	CITES	HDR1	HDR2	HDR3	HMR	HPT	SVN
42	*Tanysiptera galatea* Gray, 1859	Cekakakpita biasa	P	LC	na	1	4	4	0	0	0
43	*Tanysiptera nympha* Gray, 1840	Cekakakpita bidadari	P	LC	na	0	1	3	0	1	0
44	*Todiramphus chloris* Boddaert, 1783	Cekakak sungai	P	LC	na	0	0	0	1	0	0
45	*Todiramphus macleayii* Jardine & Selby, 1830	Cekakak rimba	P	LC	na	1	1	0	0	0	0
46	*Todiramphus nigrocyaneus* Wallace, 1862	Cekakak biru-hitam	P	DD	na	0	1	0	0	0	0
47	*Todiramphus sanctus* Vigors & Horsfeld, 1827	Cekakak australia	P	LC	na	0	1	0	1	2	0
	Bucerotidae										
48	*Rhyticeros plicatus* Forster, 1781	Julang papua	P	LC	II	9	13	7	0	0	2
	Coraciidae										
49	*Eurystomus orientalis* Linnaeus, 1766	Tionglampu biasa	np	LC	na	0	0	2	0	0	0
	Meropidae										
50	*Merops ornatus* Latham, 1801	Kirikkirik australia	np	LC	na	0	0	1	0	0	0
	CUCULIFORMES										
	Cuculidae										
51	*Cacomantis variolosus* Vigors & Horsfield, 1826	Wiwik rimba	np	LC	na	1	1	1	0	0	0
52	*Caliechthrus leucolophus* Müller, 1840	Kedasi topi-putih	np	LC	na	0	2	0	0	0	0
53	*Centropus bernsteini* Schlegel, 1866	Bubut hitam	np	LC	na	0	2	0	0	0	0
54	*Centropus menbeki* Lesson & Garnot, 1828	Bubut pini	np	LC	na	0	1	0	0	0	0
55	*Centropus phasianinus* Latham, 1801	Bubut ayam	np	LC	na	0	0	0	0	0	1
56	*Eudynamys scolopaceus* Linnaeus, 1758	Tuwur asia	np	LC	na	1	1	2	0	0	0
57	*Microdynamis parva* Salvadori, 1875	Tuwur kerdil	np	LC	na	1	1	1	0	0	0
58	*Scythrops novaehollandiae* Latham, 1790	Karakalo australia	np	LC	na	1	2	1	0	0	0
	FALCONIFORMES										
	Accipitridae										
59	*Accipiter fasciatus* Vigors & Horsfield, 1827	Elangalap coklat	P	LC	II	0	0	0	0	1	0
60	*Accipiter novaehollandiae* Gmelin, 1788	Elangalap kelabu	P	LC	II	0	1	0	0	0	2
61	*Accipiter poliocephalus* Gray, 1858	Elangalap pucat-sosonokan	P	LC	II	0	0	0	0	1	0
62	*Haliaeetus leucogaster* Gmelin, 1788	Elanglaut perut-putih	P	LC	II	0	0	0	1	1	0

No.	Ordo/Famili/Spesies	Nama Indonesia	Status Perlindungan			Situs Observasi					
			PP	IUCN	CITES	HDR1	HDR2	HDR3	HMR	HPT	SVN
63	*Haliastur indus* Boddaert, 1783	Elang bondol	P	LC	II	2	1	0	1	2	1
64	*Pandion haliaetus* Linnaeus, 1758	Elang tiram	P	LC	II	0	0	0	0	1	0
	GALLIFORMES										
	Megapodiidae										
65	*Megapodius freycinet* Gaimard, 1823	Gosong kelam	P	LC	na	0	2	1	0	0	1
66	*Talegalla fuscirostris* Salvadori, 1877	Maleo paruh-hitam	P	LC	na	2	4	3	0	0	0
	Phasianidae										
67	*Coturnix ypsilophora* Bosc, 1792	Puyuh coklat	np	LC	na	1	1	2	0	0	0
	GRUIFORMES										
	Rallidae										
68	*Eulabeornis castaneoventris* Gould, 1844	Mandar bakau	np	LC	na	0	0	0	1	0	0
69	*Gallirallus philippensis* Linnaeus, 1766	Mandarpadi kalung-kuning	np	LC	na	0	0	1	0	0	1
70	*Porphyrio porphyrio* Linnaeus, 1758	Mandar besar	np	LC	na	0	0	0	0	0	1
71	*Rallina tricolor* Gray, 1858	Tikusan tukar	np	LC	na	0	0	2	0	0	0
	PASSERIFORMES										
	Acanthizidae										
72	*Gerygone chloronota* Gould, 1843	Remetuk tunggir-hijau	np	LC	na	0	3	0	0	0	0
73	*Gerygone chrysogaster* Gray, 1858	Remetuk perut-emas	np	LC	na	0	10	1	0	0	0
74	*Gerygone levigaster* Gould, 1843	Remetuk bakau	np	LC	na	0	2	0	0	0	0
75	*Sericornis beccarii* Salvadori, 1874	Sericornis kecil	np	LC	na	4	7	0	0	0	0
76	*Sericornis rufescens* Salvadori, 1876	Sericornis vogelkop	np	LC	na	1	0	0	0	0	0
	Campephagidae										
77	*Coracina boyeri* Gray, 1846	Kepudangsungu kelek-coklat	np	LC	na	4	4	2	0	0	0
78	*Coracina melas* Lesson, 1828	Kepudangsungu hitam	np	LC	na	0	2	1	0	0	0
79	*Coracina tenuirostris* Jardine,1831	Kepudangsungu miniak	np	LC	na	0	0	0	1	0	0
80	*Lalage atrovirens* Gray, 1862	Kapasan alis-hitam	np	LC	na	1	5	3	0	0	0
81	*Lalage leucomela* Vigors & Horsfield, 1827	Kapasan alis-putih	np	LC	na	0	4	1	0	0	0
82	*Lalage sueurii* Vieillot, 1818	Kapasan sayap-putih	np	LC	na	0	0	1	0	0	0

No.	Ordo/Famili/Spesies	Nama Indonesia	Status Perlindungan			Situs Observasi					
			PP	IUCN	CITES	HDR1	HDR2	HDR3	HMR	HPT	SVN
	Corvidae										
83	*Corvus orru* Bonaparte, 1851	Gagak orru	np	LC	na	35	6	0	1	1	0
	Cracticidae										
84	*Cracticus cassicus* Boddaert, 1783	Jagal papua	np	LC	na	0	0	2	0	0	0
	Dicaeidae										
85	*Dicaeum pectorale* Müller, 1843	Cabai papua	np	LC	na	11	11	5	0	0	0
	Dicruridae										
86	*Dicrurus hottentottus* Linnaeus, 1766	Srigunting jambul-rambut	np	LC	na	3	3	3	0	0	0
	Hirundinidae										
87	*Hirundo rustica* Linnaeus, 1758	Layang-layang asia	np	LC	na	0	0	0	0	1	1
	Maluridae										
88	*Malurus alboscapulatus* Meyer, 1874	Cikrak-peri bahu-putih	np	LC	na	1	0	1	0	0	1
89	*Malurus cyanocephalus* Quoy & Gaimard, 1830	Cikrak-peri kaisar	np	LC	na	5	11	2	0	0	0
	Meliphagidae										
90	*Conopophila albogularis* Gould, 1843	Isapmadu kalung-coklat	P	LC	na	6	6	2	0	0	0
91	*Lichenostomus versicolor* Gould, 1843	Isapmadu kepodang	P	LC	na	0	0	0	0	0	1
92	*Melilestes megarhynchus* (Gray, 1858)	Isapmadu paruhpanjang	P	LC	na	0	0	1	0	0	0
93	*Meliphaga aruensis* (Sharpe, 1884)	Meliphaga aru	P	LC	na	0	0	3	0	0	0
94	*Meliphaga gracilis* (Gould, 1866)	Meliphaga anggun	P	LC	na	3	4	3	0	1	0
95	*Meliphaga montana* (Salvadori, 1880)	Meliphaga rimba	P	LC	na	2	2	1	0	0	0
96	*Myzomela obscura* Gould, 1843	Myzomela remang	P	LC	na	2	2	1	0	0	0
97	*Philemon buceroides* (Swainson, 1838)	Cikukua tanduk	P	LC	na	7	18	5	0	3	1
98	*Timeliopsis griseigula* (Schlegel, 1871)	Cucuklurus coklat	P	LC	na	0	0	1	0	0	0
99	*Toxorhamphus novaeguineae* (Lesson, 1827)	Cucukpanjang perut-kuning	P	LC	na	3	3	3	0	0	1
100	*Xanthotis flaviventer* (Lesson, 1828)	Isapmadu dada-coklat	P	LC	na	1	6	1	0	0	0
	Monarchidae										
101	*Monarcha chrysomela* (Garnot, 1827)	Kehicap emas	np	LC	na	0	2	0	0	0	0
102	*Monarcha guttulus* (Garnot, 1829)	Kehicap tutul	np	LC	na	2	2	4	0	0	0

No.	Ordo/Famili/Spesies	Nama Indonesia	Status Perlindungan			Situs Observasi					
			PP	IUCN	CITES	HDR1	HDR2	HDR3	HMR	HPT	SVN
103	*Monarcha manadensis* (Quoy & Gaimard, 1830)	Kehicap bertopi	np	LC	na	0	0	1	0	0	0
	Motacillidae										
104	*Motacilla flava* Linnaeus, 1758	Kicuit kerbau	np	LC	na	0	0	1	0	0	0
	Nectariniidae										
105	*Cinnyris jugularis* (Linnaeus, 1766)	Burungmadu sriganti	P	LC	na	6	6	4	0	0	0
106	*Nectarinia aspasia* (Lesson & Garnot, 1828)	Burung-madu hitam	P	LC	na	11	11	5	1	0	0
	Oriolidae										
107	*Oriolus szalayi* (Madarász, 1900)	Kepudang coklat	np	LC	na	1	1	4	0	0	0
	Orthonychidae										
108	*Ptilorrhoa caerulescens* (Temminck, 1835)	Tepuspermata biru	np	LC	na	6	6	2	0	0	0
	Pachycephalidae										
109	*Pachycephala simplex* Gould, 1843	Kancilan kelabu	np	LC	na	0	3	2	0	0	0
110	*Pitohui ferrugineus* (Bonaparte, 1850)	Pitohui karat	np	LC	na	18	27	7	0	2	1
111	*Pitohui kirhocephalus (Lesson & Garnot, 1827)*	Pitohui belang	np	LC	na	10	15	6	0	0	0
	Paradisaeidae										
112	*Paradisaea minor* Shaw, 1809	Cenderawasih kecil	P	LC	II	11	13	6	0	0	0
	Petroicidae										
113	*Microeca flavigaster* Gould, 1843	Sikatan perut-kuning	np	LC	na	2	2	1	0	0	0
114	*Microeca flavovirescens* Gray, 1858	Sikatan zaitun	np	LC	na	0	3	2	0	0	0
115	*Peneoenanthe pulverulenta* (Bonaparte, 1850)	Robin bakau	np	LC	na	0	0	0	1	0	0
	Pittidae										
116	*Pitta erythrogaster* Temminck, 1823	Paok mopo	P	LC	na	0	2	2	0	0	0
117	*Pitta sordida* (Müller, 1776)	Paok hijau	P	LC	na	0	0	1	0	0	0
	Ploceidae										
118	*Passer domesticus* (Linnaeus, 1758)	Burung-gereja rumah	np	LC	na	0	0	0	0	0	2
	Pomatostomidae										
119	*Pomatostomus isidorei* Lesson, 1827	Cicapapua merah	np	LC	na	6	6	2	0	0	0
	Rhipiduridae										
120	*Rhipidura hyperythra* Gray, 1858	Kipasan perut-coklat	np	LC	na	6	6	2	0	0	0

No.	Ordo/Famili/Spesies	Nama Indonesia	Status Perlindungan			Situs Observasi					
			PP	IUCN	CITES	HDR1	HDR2	HDR3	HMR	HPT	SVN
121	*Rhipidura leucophrys* (Latham, 1801)	Kipasan kebun	np	LC	na	7	2	0	1	2	3
122	*Rhipidura maculipectus* Gray, 1858	Kipasan-semak hitam	np	LC	na	1	1	2	0	0	0
123	*Rhipidura rufiventris* (Vieillot, 1818)	Kipasan dada-lurik	np	LC	na	3	3	1	0	0	0
124	*Rhipidura threnothorax* Müller, 1843	Kipasan-semak bayan	np	LC	na	0	0	1	0	0	0
	Sturnidae										
125	*Aplonis cantoroides* (Gray, 1862)	Perling kicau	np	LC	na	0	0	0	1	1	1
	PSITTACIFORMES										
	Psittacidae										
126	*Cacatua galerita* (Latham, 1790)	Kakatua koki	P	LC	II	7	9	7	0	0	1
127	*Chalcopsitta atra* (Scopoli, 1786)	Nuri hitam	np	LC	II	10	6	4	0	1	0
128	*Chalcopsitta sintillata* (Temminck, 1835)	Nuri aru	np	LC	II	1	1	0	0	0	0
129	*Charmosyna josefinae* (Finsch, 1873)	Perkici josephina	np	LC	II	5	2	1	0	0	0
130	*Charmosyna placentis* (Temminck, 1834)	Perkici dagu-merah	np	LC	II	0	2	1	0	0	0
131	*Charmosyna rubronotata* (Wallace, 1862)	Perkici kepala-merah	np	LC	II	3	4	2	0	0	0
132	*Eclectus roratus* (Müller, 1776)	Nuri bayan	np	LC	II	11	15	6	0	0	2
133	*Geoffroyus geoffroyi* (Bechstein, 1811)	Nuri pipi-merah	np	LC	II	4	3	3	0	0	1
134	*Loriculus aurantiifrons* Schlegel, 1873	Serindit papua	np	LC	II	5	5	2	0	0	0
135	*Lorius lory* (Linnaeus, 1758)	Kasturi kepala-hitam	np	LC	II	6	13	5	0	0	1
136	*Micropsitta keiensis* (Salvadori, 1875)	Nurikate topi-kuning	np	LC	II	2	7	1	0	0	0
137	*Probosciger aterrimus* (Gmelin, 1788)	Kakatua raja	P	LC	I	1	4	6	0	0	0
138	*Pseudeos fuscata* (Blyth, 1858)	Nuri kelam	np	LC	II	7	14	2	0	0	0
139	*Psittaculirostris desmarestii* (Desmarest, 1826)	Nuriara besar	np	LC	II	0	13	1	0	0	0
140	*Trichoglossus haematodus* (Linnaeus, 1771)	Perkici pelangi	np	LC	II	6	16	3	0	0	1
	STRIGIFORMES										
	Strigidae										
141	*Uroglaux dimorpha* (Salvadori, 1874)	Beluk papua	np	DD	II	0	1	1	0	0	0
	STRUTHIONIFORMES										
	Casuariidae										
142	*Casuarius casuarius* (Linnaeus, 1758)	Kasuari gelambir-ganda	P	VU	na	0	0	1	0	0	0

No.	Ordo/Famili/Spesies	Nama Indonesia	Status Perlindungan			Situs Observasi					
			PP	IUCN	CITES	HDR1	HDR2	HDR3	HMR	HPT	SVN
Total individu (N)						**288**	**408**	**203**	**22**	**35**	**30**
Total Species (S)						**63**	**89**	**86**	**22**	**28**	**24**

Keterangan

- PP= Peraturan Pemerintah No. 7 Tahun 1999; IUCN=CITES: np=spesies tidak dilindungi, P=spesies dilindungi, I=Appendix I CITES, II=Appendix II CITES, na=tidak terdaftar dalam spesies appendix CITES atau CITES non-appendix
- HDR1=Hutan dataran rendah transek 1; HDR2= Hutan dataran rendah transek 2; HDR3= Hutan dataran rendah transek 3; HMR=Hutan Mangrove; HPT=Hutan pesisir; SVN= Savanna dan Site proyek LNG

Tabel 37. Perbandingan spesies burung yang ditemukan di buffer zone Proyek Tangguh LNG Periode 2001 – 2011

No.	Ordo/Famili/Spesies	Nama Indonesia	Survei Tahun 2011						Spesies yang ada Pada Tahun			
			Tr1	Tr2	Tr3	HMR	HPT	SVN	2001	2002	2007	2011
	ANSERIFORMES											
	Anatidae											
1	*Nettapus coromandelianus* Gmelin, 1789	Trutu hijau							√			
2	*Tadorna radjah* Lesson, 1828	Umukia raja					√		√	√		√
	APODIFORMES											
	Apodidae											
3	*Aerodramus vanikorensis* Quoy & Gaimard, 1830	Walet polos							√	√		
4	*Collocalia esculenta* Linnaeus, 1758	Walet sapi	√			√	√	√	√		√	√
5	*Hirundapus caudacutus* Latham, 1802	Kapinis-jarum asia								√		
6	*Mearnsia novaeguineae* D'Albertis & Salvadori, 1879	Kapinisjarum papua					√		√			√
	Hemiprocnidae											
7	*Hemiprocne mystacea* Lesson, 1827	Tepekong jambul					√		√	√		√
	CAPRIMULGIFORMES											
	Caprimulgidae											
8	*Caprimulgus indicus* Latham, 1790	Cabak kelabu							√			
9	*Caprimulgus macrurus* Horsfield, 1821	Cabak maling								√		
	Podargidae											
10	*Aegotheles bennettii* Salvadori & D'Albertis, 1875	Atoku maluku							√			
11	*Podargus ocellatus* Quoy & Gaimard, 1830	Paruhkodok pualam			√					√	√	√
12	*Podargus papuensis* Quoy & Gaimard, 1830	Paruhkodok papua			√				√		√	√
	CHARADRIIFORMES											
	Charadriidae											
13	*Charadrius leschenaultii* Lesson, 1826	Cerekpasir besar				√					√	√
14	*Charadrius mongolus* Pallas, 1776	Cerekpasir mongolia				√						√
15	*Pluvialis squatorola* Linnaeus, 1758	Cerek besar				√					√	√
	Haematopodidae											
16	*Haematopus longirostris* Vieillot, 1817	Kedidir belang							√			

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			Tr1	Tr2	Tr3	HMR	HPT	SVN	2001	2002	2007	2011
	Laridae											
17	*Anous minutus* Boie, 1844	Camar-angguk hitam							√		√	
18	*Chlidonias leucopterus* Temminck, 1815	Dara-laut sayap-putih					√		√			√
19	*Gelochelidon nilotica* Gmelin, 1789	Camar tiram								√		
20	*Gygis alba* Sparrman, 1786	Camar-putih mata-cincin							√			
21	*Sterna albifrons* Pallas, 1764	Dara-laut kecil							√			
22	*Sterna bergii* Lichtenstein, 1823	Dara-laut jambul					√					√
23	*Sterna fuscata* Linnaeus, 1766	Dara-laut sayap-hitam					√				√	√
24	*Sterna hirundo* Linnaeus, 1758	Dara-laut biasa					√		√			√
25	*Sterna sumatrana* Raffles, 1822	Dara-laut tengkuk-hitam							√			
	Scolopacidae											
26	*Actitis hypoleucos* Linnaeus, 1758	Trinil pantai				√			√	√		√
27	*Calidris tenuirostris* Horsfield, 1821	Kedidi besar					√					√
28	*Heteroscelus brevipes* Vieillot, 1816	Trinil ekor-kelabu							√			
29	*Heteroscelus incanus* Gmelin, 1789	Trinil penjelajah							√			
30	*Numenius phaeopus* Linnaeus, 1758	Gajahan penggala				√			√			√
31	*Tringa nebularia* Gunnerus, 1767	Trinil betis hijau								√		
	CICONIIFORMES											
	Ardeidae											
32	*Ardea pacifica* Latham, 1801	Cangak pasifik							√			
33	*Ardea picata* Gould, 1845	Kuntul belang							√			
34	*Ardea sumatrana* Raffles, 1822	Cangkak laut							√		√	
35	*Bubulcus ibis* Linnaeus, 1758	Kuntul kerbau									√	
36	*Butorides striatus* Linnaeus, 1758	Kokokan laut				√			√	√	√	√
37	*Casmerodius albus* Linnaeus, 1758	Cangak-besar erasia							√			
38	*Egretta garzetta* Linnaeus, 1766	Kuntul kecil				√			√		√	√
39	*Egretta novaehollandiae* Latham, 1790	Cangak australia							√			
40	*Egretta sacra* Gmelin, 1789	Kuntul karang							√	√	√	
41	*Ixobrychus flavicollis* Latham, 1790	Bambangan hitam					√		√	√	√	√

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42	*Ixobrychus sinensis* Gmelin, 1789	Bambangan kuning									√	
43	*Mesophoyx intermedia* Wagler, 1827	Kuntul perak									√	
44	*Nycticorax caledonicus* Gmelin, 1789	Kowakmalam merah				√				√	√	√
45	*Zonerodius heliosylus* Lesson & Garnot, 1828	Bambangan rimba									√	
	Threskiornithidae											
46	*Platalea regia* Gould, 1838	Ibis-sendok raja								√		
47	*Threskiornis molucca* Cuvier, 1829	Ibis australia							√	√		
48	*Threskiornis spinicollis* Jameson, 1835	Ibis papua									√	
	COLUMBIFORMES											
	Columbidae											
49	*Chalcophaps indica* Linnaeus, 1758	Delimukan zamrud		√	√						√	√
50	*Chalcophaps stephani* Pucheran, 1853	Delimukan timur	√	√	√					√	√	√
51	*Columba vitiensis* Quoy & Gaimard, 1830	Merpatihutan metalik		√								√
52	*Ducula bicolor* Scopoli, 1786	Pergam laut									√	
53	*Ducula mullerii* Temminck, 1835	Pergam kalung		√					√			√
54	*Ducula pinon* Quoy & Gaimard, 1824	Pergam pinon	√	√	√				√	√	√	√
55	*Ducula rufigaster* Quoy & Gaimard, 1830	Pergam ekor-ungu		√					√	√		√
56	*Ducula zoeae* Lesson, 1826	Pergam zoe		√	√					√	√	√
57	*Gallicolumba rufigula* Pucheran, 1853	Delimukan pomo							√			
58	*Geopelia humeralis* Temminck., 1821	Perkutut australia							√			
59	*Goura cristata* Pallas, 1764	Mambruk biasa							√		√	
60	*Gymnophaps albertisii* Salvadori, 1874	Merpati-gunung irian							√			
61	*Macropygia amboinensis* Linnaeus, 1766	Uncal amban		√					√	√		√
62	*Macropygia nigrirostris* Salvadori, 1875	Uncal paruh-hitam	√	√	√						√	√
63	*Ptilinopus aurantiifrons* Gray, 1858	Walik dahi-jingga	√	√	√		√		√	√	√	√
64	*Ptilinopus coronulatus* Gray, 1858	Walik lunggung		√					√	√		√
65	*Ptilinopus iozonus* Gray, 1858	Walik perut-jingga	√	√	√					√	√	√
66	*Ptilinopus magnificus* Temminck, 1821	Walik wompu		√						√		√
67	*Ptilinopus naina* Temminck, 1835	Walik kerdil							√	√		

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68	*Ptilinopus ornatus* Schlegel, 1871	Walik buma								√		
69	*Ptilinopus perlatus* Temminck, 1835	Walik mutiara								√		
70	*Ptilinopus pulchellus* Temminck, 1835	Walik elok									√	
71	*Ptilinopus superbus* Temminck, 1809	Walik raja								√	√	
72	*Reinwardtoena reinwardtii* Temminck, 1824	Uncal besar								√	√	
	CORACIIFORMES											
	Alcedinidae											
73	*Alcedo azurea* Latham, 1801	Rajaudang biru-langit				√			√			√
74	*Alcedo pusilla* Temminck, 1836	Rajaudang kecil				√				√		√
75	*Ceyx lepidus* Temminck, 1836	Udangmerah kerdil	√	√	√					√	√	√
76	*Clytoceyx rex* Sharpe, 1880	Rajaudang paruh-sekop	√	√	√		√	√	√			√
77	*Dacelo gaudichaud* Quoy & Gaimard, 1824	Kukabura perut-merah	√	√	√		√	√	√	√	√	√
78	*Dacelo leachii* Vigors & Horsfield, 1826	Kukabura sayap-biru			√							√
79	*Melidora macorrhina* Lesson, 1827	Rajaudang paruh-kait									√	
80	*Melidora macrorrhina* Lesson, 1827	Rajaudang paruh-kait		√	√					√		√
81	*Syma torotoro* Lesson, 1827	Cekakak torotoro	√	√	√					√	√	√
82	*Tanysiptera galatea* Gray, 1859	Cekakakpita biasa	√	√	√				√	√	√	√
83	*Tanysiptera nympha* Gray, 1840	Cekakakpita bidadari		√	√		√					√
84	*Todiramphus chloris* Boddaert, 1783	Cekakak sungai				√			√	√	√	√
85	*Todiramphus macleayii* Jardine & Selby, 1830	Cekakak rimba	√	√							√	√
86	*Todiramphus nigrocyaneus* Wallace, 1862	Cekakak biru-hitam		√						√		√
87	*Todiramphus sanctus* Vigors & Horsfeld, 1827	Cekakak australia		√		√	√		√	√	√	√
88	*Rhyticeros plicatus* Forster, 1781	Julang papua	√	√	√			√	√	√	√	√
	Coraciidae											
89	*Eurystomus orientalis* Linnaeus, 1766	Tionglampu biasa			√				√	√	√	√
	Meropidae											
90	*Merops ornatus* Latham, 1801	Kirikkirik australia			√					√	√	√
	CUCULIFORMES											
	Cuculidae											

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91	*Cacomantis variolosus* Vigors & Horsfield, 1826	Wiwik rimba	√	√	√					√		√
92	*Caliechthrus leucolophus* Müller, 1840	Kedasi topi-putih		√						√		√
93	*Centropus bernsteini* Schlegel, 1866	Bubut hitam		√							√	√
94	*Centropus menbeki* Lesson & Garnot, 1828	Bubut pini		√						√		√
95	*Centropus phasianinus* Latham, 1801	Bubut ayam						√				√
96	*Chrysococcyx lucidus* Gmelin, 1788	Kedasi emas									√	
97	*Cuculus saturatus* Blyth, 1843	Kangkok ranting								√		
98	*Eudynamys cyanocephala* Latham, 1802	Tuwur australia								√		
99	*Eudynamys scolopaceus* Linnaeus, 1758	Tuwur asia	√	√	√						√	√
100	*Microdynamis parva* Salvadori, 1875	Tuwur kerdil	√	√	√					√		√
101	*Scythrops novaehollandiae* Latham, 1790	Karakalo australia	√	√	√				√			√
	FALCONIFORMES											
	Accipitridae											
102	*Accipiter cirrocephalus* Vieillot, 1817	Elangalap kalung								√	√	
103	*Accipiter fasciatus* Vigors & Horsfield, 1827	Elangalap coklat					√					√
104	*Accipiter novaehollandiae* Gmelin, 1788	Elangalap kelabu		√				√	√			√
105	*Accipiter poliocephalus* Gray, 1858	Elangalap pucat-sosonokan					√		√		√	√
106	*Aquila gurneyi* Gray, 1860	Rajawali kuskus							√			
107	*Aviceda subcristata* Gould, 1838	Alap-alap kukuk							√	√	√	
108	*Haliaeetus leucogaster* Gmelin, 1788	Elanglaut perut-putih				√	√		√	√		√
109	*Haliastur indus* Boddaert, 1783	Elang bondol	√	√		√	√	√	√	√	√	√
110	*Haliastur sphenurus* Vieillot, 1818	Elang siul							√			
111	*Henicopernis longicauda* Garnot, 1828	Elang ekor-panjang							√			
112	*Hieraaetus morphnoides* Gould, 1841	Elang kecil								√		
113	*Pandion haliaetus* Linnaeus, 1758	Elang tiram					√		√	√		√
	GALLIFORMES											
	Megapodiidae											
114	*Megapodius freycinet* Gaimard, 1823	Gosong kelam		√	√			√			√	√
115	*Talegalla fuscirostris* Salvadori, 1877	Maleo paruh-hitam	√	√	√					√	√	√

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116	*Talegalla jobiensis* Meyer, 1874	Maleo kerah-coklat									√	
	Phasianidae											
117	*Coturnix ypsilophora* Bosc, 1792	Puyuh coklat	√	√	√						√	√
	GRUIFORMES											
	Rallidae											
118	*Eulabeornis castaneoventris* Gould, 1844	Mandar bakau				√					√	√
119	*Gallinula tenebrosa* Gould, 1846	Mandar kelam							√		√	
120	*Gallirallus philippensis* Linnaeus, 1766	Mandarpadi kalung-kuning			√			√			√	√
121	*Porphyrio porphyrio* Linnaeus, 1758	Mandar besar						√				√
122	*Rallina tricolor* Gray, 1858	Tikusan tukar			√						√	√
	PASSERIFORMES											
	Acanthizidae											
123	*Crateroscelis murina* Sclater, 1858	Tepus-tikus merah								√		
124	*Gerygone chloronota* Gould, 1843	Remetuk tunggir-hijau		√						√		√
125	*Gerygone chrysogaster* Gray, 1858	Remetuk perut-emas		√	√					√		√
126	*Gerygone levigaster* Gould, 1843	Remetuk bakau		√					√			√
127	*Gerygone magnirostris* Gould, 1843	Remetuk rawa								√		
128	*Sericornis beccarii* Salvadori, 1874	Sericornis kecil	√	√								√
129	*Sericornis rufescens* Salvadori, 1876	Sericornis vogelkop	√									√
	Campephagidae											
130	*Campochaera sloetii* Schlegel, 1866	Kepudang-sungu emas								√		
131	*Coracina boyeri* Gray, 1846	Kepudangsungu kelek-coklat	√	√	√				√	√		√
132	*Coracina caeruleogrisea* Gray, 1858	Kepudang-sungu paruh-tebal							√			
133	*Coracina melas* Lesson, 1828	Kepudangsungu hitam		√	√					√	√	√
134	*Coracina papuensis* Gmelin, 1788	Kepudang-sungu kartula							√	√		
135	*Coracina schisticeps* Gray, 1846	Kepudang-sungu desin									√	
136	*Coracina tenuirostris* Jardine,1831	Kepudangsungu miniak				√					√	√
137	*Lalage atrovirens* Gray, 1862	Kapasan alis-hitam	√	√	√					√	√	√
138	*Lalage leucomela* Vigors & Horsfield, 1827	Kapasan alis-putih		√	√				√		√	√

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139	*Lalage sueurii* Vieillot, 1818	Kapasan sayap-putih			√							√
	Colluricinclidae											
140	*Colluricincla megarhyncha* Quoy & Gaimard, 1830	Anis-bentet kecil								√		
	Corvidae											
141	*Corvus orru* Bonaparte, 1851	Gagak orru	√	√		√	√		√	√	√	√
142	*Corvus tristis* Lesson & Garnot, 1827	Gagak kelabu								√		
	PASSERIFORMES											
	Cracticidae											
143	*Cracticus cassicus* Boddaert, 1783	Jagal papua			√					√		√
144	*Cracticus quoyi* Lesson, 1827	Jagal hitam								√	√	
	Dicaeidae											
145	*Dicaeum pectorale* Müller, 1843	Cabai papua	√	√	√				√	√	√	√
	Dicruridae											
146	*Dicrurus bracteatus* Gould, 1842	Srigunting jambul-rambut							√	√		
147	*Dicrurus hottentottus* Linnaeus, 1766	Srigunting jambul-rambut	√	√	√						√	√
	Estrildidae											
148	*Lonchura castaneothorax* Gould, 1837	Bondol dada-coklat							√			
	Hirundinidae											
149	*Hirundo rustica* Linnaeus, 1758	Layang-layang asia					√	√		√		√
	Laniidae											
150	*Lanius cristatus* Linnaeus, 1758	Bentet coklat							√			
	Maluridae											
151	*Malurus alboscapulatus* Meyer, 1874	Cikrak-peri bahu-putih	√		√			√	√	√		√
152	*Malurus cyanocephalus* Quoy & Gaimard, 1830	Cikrak-peri kaisar	√	√	√					√	√	√
	Melanocharitidae											
153	*Melanocharis nigra* Lesson, 1830	Burung-buah hitam							√	√		
154	*Oedistoma iliolophum* Salvadori, 1876	Cucuk-panjang kate							√			
155	*Oedistoma pygmaeum* Salvadori, 1876	Cucuk-panjang kerdil								√		
	Meliphagidae											

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156	*Conopophila albogularis* Gould, 1843	Isapmadu kalung-coklat	√	√	√							√
157	*Lichenostomus versicolor* Gould, 1843	Isapmadu kepodang						√		√		√
158	*Melilestes megarhynchus* Gray, 1858	Isapmadu paruhpanjang			√					√	√	√
159	*Meliphaga albonotata* Salvadori, 1876	Meliphaga semak							√			
160	*Meliphaga aruensis* Sharpe, 1884	Meliphaga aru			√						√	√
161	*Meliphaga gracilis* Gould, 1866	Meliphaga anggun	√	√	√		√				√	√
162	*Meliphaga mimikae* Ogilvie-Grant, 1911	Meliphaga mimika							√			
163	*Meliphaga montana* Salvadori, 1880	Meliphaga rimba	√	√	√							√
164	*Meliphaga orientalis* Meyer, 1894	Meliphaga gunung							√			
165	*Myzomela eques* Lesson & Garnot, 1827	Burung-madu myzomela eques	0							√		
166	*Myzomela obscura* Gould, 1843	Myzomela remang	√		√					√	√	√
167	*Philemon buceroides* Swainson, 1838	Cikukua tanduk	√	√	√		√	√			√	√
168	*Philemon meyeri* Salvadori, 1875	Cikukua kerdil							√	√		
169	*Philemon novaeguineae* Müller, 1843	Burung-madu besar irian							√	√		
170	*Pycnopygius ixoides* Salvadori, 1878	Isap-madu polos							√			
171	*Pycnopygius stictocephalus* Salvadori, 1876	Isap-madu kepala-coreng							√			
172	*Timeliopsis griseigula* Schlegel, 1871	Cucuklurus coklat			√							√
173	*Toxorhamphus novaeguineae* Lesson, 1827	Cucukpanjang perut-kuning	√	√	√			√		√		√
174	*Xanthotis chrysotis* Lesson & Garnot, 1828	Isap-madu dada-coklat								√		
175	*Xanthotis flaviventer* Lesson, 1828	Isapmadu dada-coklat	√	√	√						√	√
	Monarchidae											
176	*Arses telescophthalmus* Garnot, 1827	Kehicap biku-biku							√	√		
177	*Monarcha chrysomela* Garnot, 1827	Kehicap emas		√						√		√
178	*Monarcha guttulus* Garnot, 1829	Kehicap tutul	√	√	√							√
179	*Monarcha manadensis* Quoy & Gaimard, 1830	Kehicap bertopi			√							√
180	*Myiagra alecto* Temminck, 1827	Sikatan kilap							√	√		
	Motacillidae											
181	*Anthus novaeseelandiae* Gmelin, 1789	Apung tanah							√			
182	*Motacilla flava* Linnaeus, 1758	Kicuit kerbau			√							√

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	Nectariniidae											
183	*Cinnyris jugularis* Linnaeus, 1766	Burungmadu sriganti	√	√	√							√
184	*Nectarinia aspasia* Lesson & Garnot, 1828	Burung-madu hitam	√	√	√	√			√	√	√	√
185	*Nectarinia jugularis* Linnaeus, 1766	Burung-madu sriganti							√	√	√	
	Oriolidae											
186	*Oriolus szalayi* Madarász, 1900	Kepudang coklat	√	√	√				√	√	√	√
	Orthonychidae											
187	*Ptilorrhoa caerulescens* Temminck, 1835	Tepuspermata biru	√	√	√				√			√
	Pachycephalidae											
188	*Pachycephala simplex* Gould, 1843	Kancilan kelabu		√	√					√		√
189	*Pitohui ferrugineus* Bonaparte, 1850	Pitohui karat	√	√	√		√	√	√	√	√	√
190	*Pitohui kirhocephalus* Lesson & Garnot, 1827	Pitohui belang	√	√	√				√	√	√	√
191	*Pitohui sp.*	Pitohui									√	
	Paradisaeidae											
192	*Cicinnurus regius* Linnaeus, 1758	Cenderawasih raja								√		
193	*Manucodia ater* Lesson, 1830	Manucodia kilap								√	√	
194	*Manucodia keraudrenii* Lesson & Garnot, 1826	Manukodia terompet									√	
195	*Paradisaea minor* Shaw, 1809	Cenderawasih kecil	√	√	√				√	√	√	√
196	*Ptiloris magnificus* Vieillot, 1819	Toowa cemerlang								√		
197	*Seleucidis melanoleucus* Daudin, 1800	Cendrawasih duabelas kawat								√		
	Petroicidae											
198	*Microeca flavigaster* Gould, 1843	Sikatan perut-kuning	√	√	√							√
199	*Microeca flavovirescens* Gray, 1858	Sikatan zaitun		√	√					√		√
200	*Monachella muelleriana* Schlegel, 1871	Sikatan sungai							√			
201	*Peneoenanthe pulverulenta* Bonaparte, 1850	Robin bakau				√						√
202	*Poecilodryas hypoleuca* Gray, 1859	Robin belang								√		
	Pittidae											
203	*Pitta erythrogaster* Temminck, 1823	Paok mopo		√	√					√		√
204	*Pitta sordida* Müller, 1776	Paok hijau			√					√	√	√

No.	Ordo/Famili/Spesies	Nama Indonesia	Survei Tahun 2011						Spesies yang ada Pada Tahun			
			Tr1	Tr2	Tr3	HMR	HPT	SVN	2001	2002	2007	2011
	Ploceidae											
205	*Passer domesticus* Linnaeus, 1758	Burung-gereja rumah						√				√
	Pomatostomidae											
206	*Pomatostomus isidorei* Lesson, 1827	Cicapapua merah	√	√	√					√	√	√
	Ptilonorhynchidae											
207	*Ailuroedus buccoides* Temminck, 1835	Burung-kucing telinga putih							√		√	
208	*Chlamydera cerviniventris* Gould, 1850	Namdur coklat							√			
	Rhipiduridae											
209	*Rhipidura albolimbata* Salvadori, 1874	Kipasan dagu-putih									√	
210	*Rhipidura hyperythra* Gray, 1858	Kipasan perut-coklat	√	√	√						√	√
211	*Rhipidura leucophrys* Latham, 1801	Kipasan kebun	√	√		√	√	√	√	√	√	√
212	*Rhipidura leucothorax* Salvadori, 1874	Kipasan-semak perut-putih							√	√		
213	*Rhipidura maculipectus* Gray, 1858	Kipasan-semak hitam	√	√	√					√	√	√
214	*Rhipidura rufidorsa* Meyer, 1874	Kipasan tunggir-merah								√		
215	*Rhipidura rufifrons* Latham, 1801	Kipasan dada-hitam							√			
216	*Rhipidura rufiventris* Vieillot, 1818	Kipasan dada-lurik	√	√	√					√	√	√
217	*Rhipidura threnothorax* Müller, 1843	Kipasan-semak bayan			√					√		√
	Sturnidae											
218	*Aplonis cantoroides* Gray, 1862	Perling kicau				√	√	√	√			√
219	*Aplonis metallica* Temminck, 1824	Perling ungu							√		√	
220	*Mino anais* Lesson, 1839	Mino emas							√	√	√	
221	*Mino dumontii* Lesson, 1827	Mino muka-kuning							√	√	√	
	Sylviidae											
222	*Acrocephalus orientalis* Temminck & Schlegel, 1847	Kerakbasi besar							√			
223	*Acrocephalus stentoreus* Ehrenberg, 1833	Kerakbasi ramai							√			
224	*Cisticola exilis* Vigors & Horsfield, 1827	Cici merah							√			
	PELECANIFORMES											
	Fregatidae											

No.	Ordo/Famili/Spesies	Nama Indonesia	Survei Tahun 2011						Spesies yang ada Pada Tahun			
			Tr1	Tr2	Tr3	HMR	HPT	SVN	2001	2002	2007	2011
225	*Fregata ariel* Gray, 1845	Cikalang kecil							√		√	
226	*Fregata minor* Gmelin, 1789	Cikalang besar							√			
227	*Phalacrocorax melanoleucos* Vieillot, 1817	Pecuk padi belang							√			
	PSITTACIFORMES											
	Psittacidae											
228	*Alisterus amboinensis* Linnaeus, 1766	Nuri-raja ambon							√	√		
229	*Cacatua galerita* Latham, 1790	Kakatua koki	√	√	√			√	√	√	√	√
230	*Chalcopsitta atra* Scopoli, 1786	Nuri hitam	√	√	√		√		√	√	√	√
231	*Chalcopsitta sintillata* Temminck, 1835	Nuri aru	√	√							√	√
232	*Charmosyna josefinae* Finsch, 1873	Perkici josephina	√	√	√						√	√
233	*Charmosyna placentis* Temminck, 1834	Perkici dagu-merah		√	√				√	√		√
234	*Charmosyna rubronotata* Wallace, 1862	Perkici kepala-merah	√	√	√				√		√	√
235	*Eclectus roratus* Müller, 1776	Nuri bayan	√	√	√			√	√	√	√	√
236	*Geoffroyus geoffroyi* Bechstein, 1811	Nuri pipi-merah	√	√	√			√	√	√	√	√
237	*Geoffroyus simplex* Meyer, 1874	Nuri kalung-biru							√	√		
238	*Loriculus aurantiifrons* Schlegel, 1873	Serindit papua	√	√	√						√	√
239	*Lorius lory* Linnaeus, 1758	Kasturi kepala-hitam	√	√	√			√	√	√	√	√
240	*Micropsitta keiensis* Salvadori, 1875	Nurikate topi-kuning	√	√	√							√
241	*Oreopsittacus arfaki* Meyer, 1874	Perkici arfak									√	
242	*Probosciger aterrimus* Gmelin, 1788	Kakatua raja	√	√	√				√	√	√	√
243	*Pseudeos fuscata* Blyth, 1858	Nuri kelam	√	√	√					√		√
244	*Psittaculirostris desmarestii* Desmarest, 1826	Nuriara besar		√	√							√
245	*Psittrichas fulgidus* Lesson, 1830	Kasturi raja								√		
246	*Tanygnathus megalorynchos* Boddaert, 1783	Betetkelapa paruh-besar									√	
247	*Trichoglossus haematodus* Linnaeus, 1771	Perkici pelangi	√	√	√			√	√	√	√	√
	STRIGIFORMES											
	Strigidae											
248	*Uroglaux dimorpha* Salvadori, 1874	Beluk papua		√	√				√		√	√
	STRUTHIONIFORMES											

No.	Ordo/Famili/Spesies	Nama Indonesia	Survei Tahun 2011						Spesies yang ada Pada Tahun			
			Tr1	Tr2	Tr3	HMR	HPT	SVN	2001	2002	2007	2011
	Casuariidae											
249	*Casuarius casuarius* Linnaeus, 1758	Kasuari gelambir-ganda			√				√		√	√
250	*Casuarius unappendiculatus* Blyth, 1860	Kasuari gelambir-tunggal							√			
Jumlah Spesies			**63**	**88**	**86**	**22**	**28**	**24**	**120**	**122**	**108**	**142**

Keterangan : (√) spesies ditemukan; **Tr1**=Ekosistem hutan dataran rendah transek 1; **Tr2**= Ekosistem hutan dataran rendah transek 2, **Tr3**= Ekosistem hutan dataran rendah transek 3, HMR= Ekosistem mangrove, HPT=Ekosistem hutan pesisir, SVN= Savanna dan Site proyek LNG.

Lampiran III

Foto Dokumentasi

LAMPIRAN III FOTO DOKUMENTASI

Pengambilan Sampel Air Laut

Foto 1

Pengukuran pH dan DO (SW03)

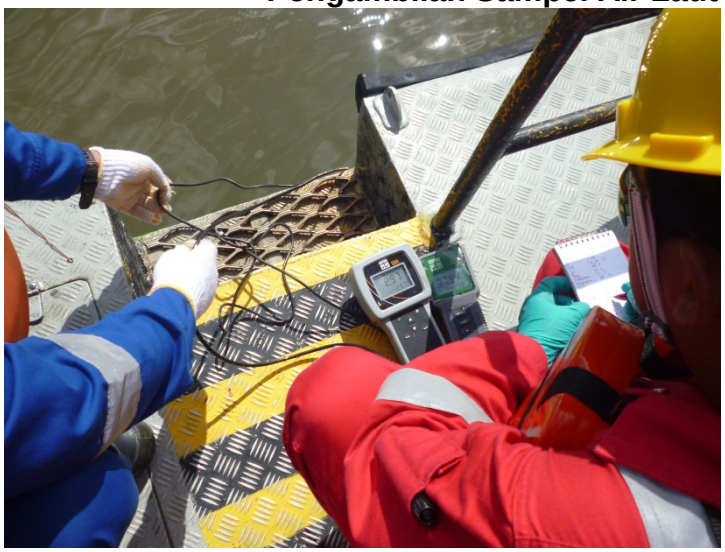

Foto 2

Pengambilan sampel air laut (OS-14)

Foto 3

Penurunan Sechi Disk (NS-07)

Foto 4

Penurunan Sechi Disk (NS-08)

Foto 5

Pengukuran pH dan DO (NS-09)

Foto 6

Pengukuran pH dan DO (OS-02)

Foto 7

Penurunan Sechi Disk (OS-02)

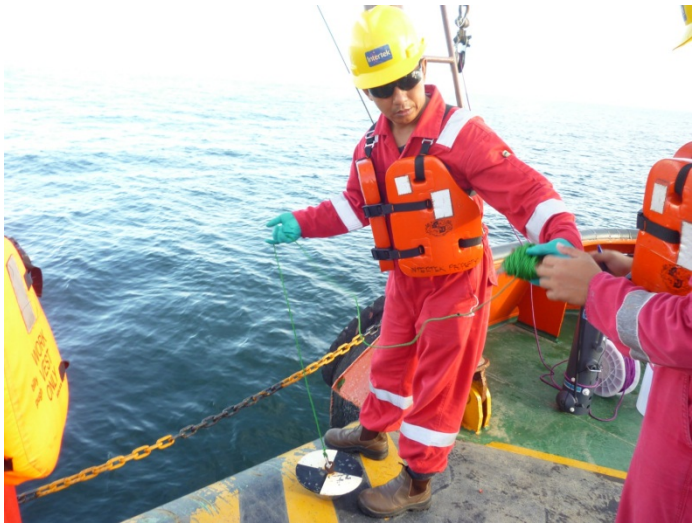

Foto 8

Persiapan pengambilan sampel air laut (OS-02)

Foto 9

Pengambilan sampel air laut (OS-02)

Foto 10

Pembotolan sampel air laut (OS-02)

Foto 11

Penyatatan Data Lapangan (OS-05)