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## **LAMPIRAN – LAMPIRAN**

### Lampiran.1. Nama Ilmiah, Vernacular dan Berat jenis

No	Nama Spesies	Vernacular	Berat Jenis
1	<i>Adenanthera pavonina</i> L.	Saga	0,7100
2	<i>Alstonia scholaris</i> (L.) R. Br.	Pule	0,3399
3	<i>Alstonia spectabilis</i> R.Br	Pule Batu	0,6370
4	<i>Avicennia lanata</i> Ridl.	Avicennia	0,7316
5	<i>Barringtonia asiatica</i> (L.) Kurz	Hutung	0,5299
6	<i>Bombax ceiba</i> L	Kapok Hutan	0,3205
7	<i>Brachychiton discolor</i> F.Muell.	Papaya Hutan	0,2468
8	<i>Bruguiera gymnorhiza</i> (L.) Lam.	Mange-mange hitam	0,8683
9	<i>Calophyllum inophyllum</i> L.	Bintanggur	0,6000
10	<i>Cassia fistula</i> L.	Pohon Kawengo	0,8293
11	<i>Celtis paniculata</i> (Endl.) Planch.	Kayu kasian	0,5686
12	<i>Cerbera manghas</i> L	Mangga berabu	0,4400
13	<i>Ceriops tagal</i> (Perr.) C.B.Rob.	Mange-mange merah	0,8859
14	<i>Clerodendrum minahassae</i> Teijsm. & Binn.	Pohon Matel	0,5800
15	<i>Cocos nucifera</i> L	Kelapa	0,6167
16	<i>Cordia subcordata</i> Lamk	Salamuli	0,5664
17	<i>Diospyros pilosanthera</i> Blanco	Belo Hitam	0,7450
18	<i>Dodonaea viscosa</i> Jack	Cengke Pante	0,9470
19	<i>Dysoxylum caulostachyum</i> Merr	Langsat Hutan	0,7000
20	<i>Endospermum moluccanum</i> Teijsm. & Binn	Kayu raja	0,3760
21	<i>Eugenia</i> sp	Kihete (Jambu-jambuan)	0,7695
22	<i>Excoecaria agallocha</i> L	buta-buta	0,4288
23	<i>Ficus benjamina</i> L.	Beringin	0,4993
24	<i>Ficus pubinervis</i> Blume	Kayu Kopi	0,3267
25	<i>Ficus septica</i> Burm. f.	Gondal	0,4705
26	<i>Guettarda speciosa</i> L.	Ketapang pasir	0,6900
27	<i>Gymnacranthera farquhariana</i> Warb.	Laharu	0,6946
28	<i>Heritiera littoralis</i> Aiton	Kayu Benteng	0,8847
29	<i>Koordersiodendron pinnatum</i> Merr	Kulit Buaya	0,6935
30	<i>Laplacea amboinensis</i> Miq	Nani Air	0,7100
31	<i>Lumnitzera racemosa</i> Willd.	Manjariti putih	0,8325
32	<i>Macaranga tanarius</i> Mull Arg	Hanuwa	0,4824
33	<i>Mangifera indica</i> L	Mangga Asli	0,5977
34	<i>Memecylon ceramense</i> Bakh.f	Koramu	0,6797
35	<i>Metrosideros vera</i> Roxb	Nani batu	1,2000
36	<i>Morinda citrifolia</i> L	Mengkudu	0,6460
37	<i>Nauclea orientalis</i> L	Kayu Marsegu	0,5189
38	<i>Ochrosia glomerata</i> Val	Pisang-pisang	0,6633
39	<i>Pandanus tectorius</i> Soland	Pohon Tikar	0,3310
40	<i>Pemphis acidula</i> J.R. Forst. & G. Forst.	Papua Hutan	1,0550

No	Nama Spesies	Vernacular	Berat Jenis
41	<i>Phyllanthus sp. var. papua</i>	Katok hutan	0,7600
42	<i>Piper aduncum L</i>	Sirihan	0,3300
43	<i>Pittosporum moluccanum Miq.</i>	Halaor	0,7325
44	<i>Pongamia pinnata (L.) Pierre</i>	Besi pantai	0,6198
45	<i>Pouteria maclayana (F.Muell.) Baehni</i>	Mangga-mangga	0,5100
46	<i>Premna corymbosa R.et W</i>	Gofasa Pante	0,6367
47	<i>Pternandra coerulescens Jack</i>	Kayu Sirih	0,5780
48	<i>Rhizophora apiculata Blume</i>	Akar tinggi	0,8814
49	<i>Rhizophora mucronata Lam.</i>	Akar tinggi kulit buaya	0,9400
50	<i>Rhizophora stylosa Griff.</i>	Akar tinggi	0,9400
51	<i>Scaevola taccada (Gaertn.) Roxb.</i>	Papaceda	0,6500
52	<i>Sterculia ceramica R. Br.</i>	Kuboha	0,3404
53	<i>Syzygium zeylanicum DC</i>	Jambu-jambu	0,7120
54	<i>Teijsmanniodendron ahernianum (Merr.) Bakh.</i>	Daun tiga	1,1212
55	<i>Terminalia catappa L.</i>	Katapang	0,5404
56	<i>Pterocarpus indicus Willd.</i>	Wande	0,7426
57	<i>Timonius timon (Spreng.) Merr.</i>	Kayu Timor	0,6836
58	<i>Tristania obovata Benn.</i>	Kayu Merah/Luri	1,0575
59	<i>Vitex cofassus Reinw. ex Blume</i>	Gofasa	0,7021
60	<i>Vitex moluccana Blume</i>	Gofasa Putih/Gaba-Gaba	0,4152
61	<i>Ximenia americana L.</i>	Lemon pante	0,8667
62	<i>Xylocarpus granatum J. Koenig</i>	Kira-kira daun lebar	0,6721
63	<i>Xylocarpus moluccensis (Lam.) M.Roem.</i>	Kira-kira daun kecil	0,6535

## Lampiran 2. Komunitas Hutan Batu Karang Sekunder

A. Hutan batu karang sekunder awal



B. Hutan batu karang sekunder tengah



C. Hutan batu karang sekunder akhir





### Lampiran 3. Komunitas Hutan Mangrove

A. Mangrove Proximal



B. Mangrove Middle



C. Mangrove Distal





## Lampiran 4. Komunitas Hutan Pantai

### A. Perbatasan Mangrove



### B. Hutan Pantai



### C. Kebun Kelapa



## Lampiran 5. Komunitas Suksesi *Imperata*

### A. Daerah *Imperata Cylindrica*



### B. Areal rehabilitasi *Imperata*



### C. Daerah Vegetasi Ketapang Bekas *Imperata*



**Lampiran 6. Hasil Koefisien Analisis SPSS dengan  
Metode Backward Elimination**

Model		Coefficients <sup>a</sup>						
		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	-213,901	174,510		-1,226	,436		
	N total	161,516	112,243	,901	1,439	,387	,011	93,974
	P tersedia	-8,813	3,661	-1,544	-2,407	,251	,010	98,559
	K tersedia	,391	,380	,297	1,028	,491	,050	19,980
	C/N	-,237	1,663	-,042	-,142	,910	,048	20,976
	pH	43,025	23,852	,175	1,804	,322	,441	2,266
	DHL	-,027	,022	-1,426	-1,231	,434	,003	321,879
	KTK	6,012	3,075	1,445	1,955	,301	,008	130,872
	IS (Pohon)	-46,191	70,639	-,312	-,654	,631	,018	54,518
	Kerapatan Pohon >10	-,088	,113	-,235	-,776	,580	,045	21,981
	LBD	6,185	2,527	,661	2,448	,247	,057	17,475
2	(Constant)	-220,273	120,468		-1,828	,209		
	N total	152,197	65,109	,849	2,338	,144	,016	61,986
	P tersedia	-8,717	2,571	-1,527	-3,391	,077	,011	95,232
	K tersedia	,368	,247	,280	1,494	,274	,061	16,485
	pH	41,711	15,708	,170	2,655	,117	,519	1,927
	DHL	-,025	,012	-1,320	-2,092	,172	,005	186,835
	KTK	5,981	2,191	1,438	2,730	,112	,008	130,248
	IS (Pohon)	-36,603	15,160	-,247	-2,414	,137	,203	4,922
	Kerapatan Pohon >10	-,089	,080	-,239	-1,113	,382	,046	21,752
	LBD	6,164	1,802	,659	3,422	,076	,057	17,416
3	(Constant)	-211,780	124,913		-1,695	,189		
	N total	120,919	61,020	,675	1,982	,142	,020	50,436
	P tersedia	-9,895	2,434	-1,733	-4,065	,027	,013	79,112
	K tersedia	,462	,241	,351	1,921	,151	,069	14,549
	pH	37,260	15,782	,152	2,361	,099	,555	1,802
	DHL	-,030	,011	-1,602	-2,671	,076	,006	156,548
	KTK	7,599	1,703	1,826	4,461	,021	,014	72,936
	IS (Pohon)	-32,264	15,221	-,218	-2,120	,124	,218	4,597
	LBD	4,345	,786	,464	5,526	,012	,325	3,074
4	(Constant)	-53,255	121,268		-,439	,683		
	N total	71,411	71,529	,398	,998	,375	,024	41,438
	P tersedia	-6,990	2,467	-1,224	-2,833	,047	,021	48,593
	pH	22,010	17,640	,090	1,248	,280	,743	1,346
	DHL	-,014	,010	-,739	-1,438	,224	,015	68,757
	KTK	5,384	1,622	1,294	3,320	,029	,025	39,519
	IS (Pohon)	-33,438	19,669	-,226	-1,700	,164	,218	4,590
	LBD	4,998	,917	,534	5,450	,006	,400	2,500
5	(Constant)	-59,670	121,057		-,493	,643		
	P tersedia	-5,159	1,649	-,904	-3,128	,026	,046	21,726
	pH	22,889	17,612	,093	1,300	,250	,745	1,343
	DHL	-,006	,005	-,293	-1,154	,301	,059	16,830
	KTK	4,864	1,535	1,169	3,169	,025	,028	35,440
	IS (Pohon)	-25,257	17,875	-,171	-1,413	,217	,264	3,793
	LBD	4,483	,758	,479	5,913	,002	,585	1,710
6	(Constant)	-34,138	122,253		-,279	,789		
	P tersedia	-3,540	,891	-,620	-3,974	,007	,166	6,009
	pH	19,931	17,898	,081	1,114	,308	,761	1,314
	KTK	3,213	,569	,772	5,643	,001	,216	4,620
	IS (Pohon)	-30,803	17,684	-,208	-1,742	,132	,284	3,519
	LBD	4,464	,779	,477	5,733	,001	,585	1,709



Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
	B	Std. Error	Beta			Tolerance	VIF
7 (Constant)	99,859	21,972		4,545	,003		
P tersedia	-3,702	,894	-,648	-4,142	,004	,171	5,849
KTK	3,191	,579	,767	5,515	,001	,217	4,615
IS (Pohon)	-27,885	17,787	-,188	-1,568	,161	,291	3,441
LBD	4,250	,767	,454	5,538	,001	,623	1,605
8 (Constant)	<b>73,202</b>	15,132		4,838	<b>,001</b>		
P tersedia	<b>-4,880</b>	,527	-,855	-9,258	<b>,000</b>	<b>,581</b>	<b>1,720</b>
KTK	<b>3,849</b>	,433	,925	8,883	<b>,000</b>	<b>,457</b>	<b>2,189</b>
LBD	<b>3,790</b>	,771	,405	4,916	<b>,001</b>	<b>,730</b>	<b>1,370</b>

a. Dependent Variable: C/Ton/Ha

Model Summary				
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,998 <sup>a</sup>	,996	,954	22,08986
2	,998 <sup>b</sup>	,996	,976	15,76702
3	,997 <sup>c</sup>	,993	,975	16,36065
4	,992 <sup>d</sup>	,984	,957	21,28964
5	,990 <sup>e</sup>	,980	,957	21,32838
6	,988 <sup>f</sup>	,975	,954	21,93843
7	,985 <sup>g</sup>	,970	,953	22,27513
8	,980 <sup>h</sup>	,960	,945	24,12677

Hasil analisis SPSS Regresi Multivariate Metode Backward Elimination dibuat persamaan sebagai berikut :

$$Y = 73,202 - 4,880X_2 + 3,849X_7 + 3,790X_{10}$$

Keterangan:

$X_2$  = P tsd

$X_7$  = KTK (Kapasitas Tukar Kation)

$X_{10}$  = LBD (Luas Bidang Dasar)

### Lampiran 7. Hasil Koefisien Analisis SPSS dengan Metode Foward Selection

		Coefficients <sup>a</sup>						
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	116,593	18,972		6,145	,000		
	DHL	,016	,003	,862	5,385	,000	1,000	1,000
2	(Constant)	62,393	28,172		2,215	,054		
	DHL	,013	,003	,700	4,648	,001	,785	1,274
	LBD	3,273	1,408	,350	2,324	,045	,785	1,274
3	(Constant)	126,230	26,159		4,826	,001		
	DHL	,008	,002	,441	3,538	,008	,509	1,965
	LBD	4,718	1,025	,505	4,604	,002	,658	1,521
	Indeks Shannon phn	-57,518	16,417	-,388	-3,504	,008	,643	1,555

a. Dependent Variable: C/Ton/Ha

Model Summary				
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,862 <sup>a</sup>	,744	,718	54,62016
2	,916 <sup>b</sup>	,840	,804	45,51288
3	,968 <sup>c</sup>	,937	,913	30,32277

Hasil analisis SPSS Regresi Multivariate Metode Foward Selection dibuat persamaan sebagai berikut :

$$Y = 126,230 + 0,008X_6 + 4,718X_{10} - 57,518X_8$$

Keterangan:

$X_6$  = DHL (Daya Hantar Listrik)

$X_8$  = Indek Shannon-Wiener (Pohon)

$X_{10}$  = LBD (Luas Bidang Dasar)

### Lampiran 8. Hasil Koefisien Analisis SPSS dengan Metode Stepwise

		Coefficients <sup>a</sup>					Collinearity Statistics	
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Tolerance	VIF
		B	Std. Error	Beta				
1	(Constant)	116,593	18,972		6,145	,000		
	DHL	,016	,003	,862	5,385	,000	1,000	1,000
2	(Constant)	62,393	28,172		2,215	,054		
	DHL	,013	,003	,700	4,648	,001	,785	1,274
	LBD	3,273	1,408	,350	2,324	,045	,785	1,274
3	(Constant)	126,230	26,159		4,826	,001		
	DHL	,008	,002	,441	3,538	,008	,509	1,965
	LBD	4,718	1,025	,505	4,604	,002	,658	1,521
	Indeks Shannon phn	-57,518	16,417	-,388	-3,504	,008	,643	1,555

a. Dependent Variable: C/Ton/Ha

Model Summary				
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,862 <sup>a</sup>	,744	,718	54,62016
2	,916 <sup>b</sup>	,840	,804	45,51288
3	,968 <sup>c</sup>	,937	,913	30,32277

Hasil analisis SPSS Regresi Multivariate Metode Stepwise dibuat persamaan sebagai berikut :

$$Y = 126,230 + 0,008X_6 + 4,718X_{10} - 57,518X_8$$

Keterangan:

$X_6$  = DHL (Daya Hantar Listrik)

$X_8$  = Indek Shannon-Wiener (Pohon)

$X_{10}$  = LBD (Luas Bidang Dasar)