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LAMPIRAN

Lampiran 1. Data Morfometrik Lamun *Thalassodendron ciliatum*

Stasiun	Tegakan ke	Daun				Batang		Rhizoma		Akar		
		Panjang (cm)	Lebar (cm)	Tebal (mm)	Jumlah	Panjang (cm)	Diameter (mm)	Panjang (cm)	Diameter (mm)	Panjang (cm)	Diameter (mm)	Jumlah
1.1	1	4.56	0.88	0.06	5.0	3.45	1.82	3.45	2.35	7.63	0.97	3.0
	2	4.40	0.74	0.05	5.0	7.52	1.45	7.55	3.35	5.43	0.85	4.0
	3	3.93	0.83	0.06	7.0	3.25	1.90	3.25	2.50	5.20	0.90	3.0
	4	5.23	0.90	0.05	6.0	3.75	2.11	3.76	3.40	3.85	0.83	4.0
	5	4.42	0.90	0.04	6.0	8.25	1.65	8.10	3.76	2.43	0.98	4.0
	6	6.00	0.89	0.04	7.0	5.15	1.78	5.10	2.80	3.87	0.90	3.0
	7	3.22	0.82	0.04	6.0	5.10	2.25	5.10	2.66	4.17	0.90	3.0
1.2	1	4.93	1.07	0.07	7.0	7.15	2.45	7.13	2.67	3.04	0.92	5.0
	2	4.58	1.04	0.08	8.0	2.15	1.64	2.00	3.35	4.83	0.80	3.0
	3	4.23	1.00	0.08	8.0	3.20	1.24	3.20	3.75	5.93	0.97	3.0
	4	2.89	0.98	0.08	8.0	7.20	1.67	7.50	2.00	5.25	0.88	4.0
	5	3.43	1.09	0.06	8.0	7.85	2.35	7.24	2.76	4.74	0.88	5.0
	6	5.31	1.13	0.12	8.0	1.25	2.24	1.35	3.15	2.33	0.88	4.0
	7	6.19	0.87	0.09	7.0	3.26	2.50	2.75	2.15	2.94	0.92	5.0
	8	5.86	1.15	0.17	8.0	2.76	2.70	2.15	3.77	5.05	0.93	4.0

Lampiran 2. Lanjutan

Data Morfometrik Lamun *Thalassodendron ciliatum*

Stasiun	Tegakan ke	Daun				Batang		Rhizoma		Akar		
		Panjang (cm)	Lebar (cm)	Tebal (mm)	Jumlah	Panjang (cm)	Diameter (mm)	Panjang (cm)	Diameter (mm)	Panjang (cm)	Diameter (mm)	Jumlah
2.1	1	4.62	0.96	0.08	5.0	5.53	2.15	2.65	3.75	6.40	1.10	3.0
	2	5.80	0.77	0.13	6.0	8.15	2.45	2.62	2.85	4.40	0.85	4.0
	3	4.25	0.65	0.12	6.0	2.95	1.76	4.15	2.75	3.90	0.70	3.0
	4	4.44	0.86	0.06	5.0	2.55	1.68	3.12	2.50	3.43	1.05	3.0
	5	4.96	1.03	0.54	7.0	3.15	2.75	3.67	3.50	5.55	1.05	4.0
	6	3.38	0.64	0.64	5.0	5.12	2.75	3.55	3.35	4.18	0.98	4.0
	7	2.50	0.94	0.94	5.0	6.05	2.35	4.00	2.25	4.50	1.00	4.0
2.2	1	5.31	1.10	0.07	8.0	4.70	2.55	2.55	2.75	4.73	1.00	4.0
	2	6.44	1.14	0.08	7.0	7.50	1.69	3.00	2.55	1.77	0.90	3.0
	3	3.33	1.13	0.08	6.0	5.15	1.66	4.50	5.45	2.88	0.90	4.0
	4	4.35	1.03	0.11	6.0	7.35	2.87	1.89	3.75	4.16	0.92	5.0
	5	5.00	0.90	0.19	7.0	7.23	2.45	3.55	2.85	3.50	0.95	4.0
	6	4.71	1.03	0.14	8.0	8.10	1.65	3.45	2.75	5.44	1.02	5.0
	7	6.04	1.18	0.16	8.0	3.90	2.78	2.24	2.55	3.48	0.90	5.0
	8	6.18	1.15	0.11	8.0	2.75	2.90	3.50	3.45	4.10	0.96	5.0

Lampiran 3. Lanjutan

Data Morfometrik Lamun *Thalassodendron ciliatum*

Stasiun	Tegakan ke	Daun				Batang		Rhizoma		Akar		
		Panjang (cm)	Lebar (cm)	Tebal (mm)	Jumlah	Panjang (cm)	Diameter (mm)	Panjang (cm)	Diameter (mm)	Panjang (cm)	Diameter (mm)	Jumlah
3.1	1	5.66	0.96	0.20	5.0	8.10	1.65	6.15	2.85	4.95	1.03	4.0
	2	6.20	0.96	0.20	5.0	9.10	1.86	2.75	3.55	3.38	0.85	4.0
	3	6.03	0.97	0.08	7.0	8.67	2.44	2.40	2.45	6.07	1.07	3.0
	4	6.98	1.02	0.07	5.0	6.55	2.35	2.50	3.67	5.55	1.03	4.0
	5	5.20	0.98	0.07	6.0	3.45	2.25	3.35	3.88	2.95	0.88	4.0
	6	2.76	0.81	0.24	7.0	3.00	1.86	4.25	3.65	3.98	0.90	4.0
	7	1.72	0.45	0.45	6.0	6.55	2.44	4.14	2.75	2.25	0.83	4.0
3.2	1	1.88	0.36	0.06	5.0	2.58	1.65	3.22	2.55	2.04	0.96	5.0
	2	2.78	0.62	0.08	5.0	4.35	1.35	3.45	5.67	2.95	1.03	4.0
	3	3.71	1.03	0.09	7.0	4.55	1.86	3.75	3.55	2.95	0.83	4.0
	4	4.80	1.03	0.13	6.0	6.15	1.89	2.45	3.20	3.60	0.95	4.0
	5	4.90	1.12	0.11	6.0	8.24	1.76	2.23	3.15	6.12	1.00	5.0
	6	5.93	1.01	0.09	7.0	7.55	2.55	1.55	3.45	2.03	0.88	4.0
	7	5.96	0.86	0.08	7.0	5.78	2.54	6.00	3.25	3.68	1.00	5.0
	8	4.26	0.90	0.07	7.0	3.57	2.35	3.45	2.85	3.23	0.90	4.0

Lampiran 4. Data Kondisi Lingkungan Perairan

PASANG						
Stasiun	Ulangan	Suhu (°C)	Salinitas (‰)	Kec.Arus (m/s)	Kedalaman (m)	Kekeruhan (NTU)
1	1	30	34	0.015	2.40	3.48
	2	30	33	0.053	1.76	3.29
	3	30	34	0.046	2.09	3.44
	Rata-rata	30	34	0.038	2.08	3.40
2	1	30	32	0.062	2.36	3.70
	2	30	33	0.081	2.38	3.40
	3	30	33	0.122	2.41	3.77
	Rata-rata	30	33	0.088	2.38	3.62
3	1	31	34	0.088	2.10	3.94
	2	31	34	0.030	2.15	4.03
	3	31	34	0.043	2.21	4.15
	Rata-rata	31	34	0.054	2.15	4.04

SURUT						
Stasiun	Ulangan	Suhu (°C)	Salinitas (‰)	Kec.Arus (m/s)	Kedalaman (m)	Kekeruhan (NTU)
1	1	30	34	0.175	1.38	3.56
	2	30	34	0.233	1.36	3.40
	3	30	34	0.204	1.38	3.08
	Rata-rata	30	34	0.204	1.37	3.35
2	1	30	32	0.213	1.33	3.79
	2	30	33	0.094	1.37	3.42
	3	30	33	0.114	1.35	3.76
	Rata-rata	30	33	0.140	1.35	3.66
3	1	31	34	0.083	1.24	3.61
	2	31	34	0.081	1.22	3.61
	3	31	34	0.078	1.26	3.74
	Rata-rata	31	34	0.081	1.24	3.65

Lampiran 5. Hasil Analisis Gradistat

Sub-Stasiun 1.1

SAMPLE STATISTICS						
SAMPLE IDENTITY: Sedimen			ANALYST & DATE: Ukuran Butir,			
SAMPLE TYPE: Polymodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Very Coarse Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	1200.0	-0.243	GRAVEL: 18.4%		COARSE SAND: 29.0%	
MODE 2:	605.0	0.747	SAND: 81.6%		MEDIUM SAND: 10.2%	
MODE 3:	2400.0	-1.243	MUD: 0.0%		FINE SAND: 11.6%	
D ₁₀ :	163.8	-1.222			V FINE SAND: 1.4%	
MEDIAN or D ₅₀ :	691.2	0.533	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.0%	
D ₉₀ :	2332.3	2.610	COARSE GRAVEL: 0.0%		COARSE SILT: 0.0%	
(D ₉₀ / D ₁₀):	14.24	-2.137	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.0%	
(D ₉₀ - D ₁₀):	2168.5	3.832	FINE GRAVEL: 0.0%		FINE SILT: 0.0%	
(D ₇₅ / D ₂₅):	2.541	-2.574	V FINE GRAVEL: 18.4%		V FINE SILT: 0.0%	
(D ₇₅ - D ₂₅):	787.4	1.346	V COARSE SAND: 29.4%		CLAY: 0.0%	
	METHOD OF MOMENTS		FOLK & WARD METHOD			
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	1019.3	724.0	0.466	736.9	0.440	Coarse Sand
SORTING (σ):	750.0	2.423	1.277	2.574	1.364	Poorly Sorted
SKEWNESS ($s\bar{x}$):	0.807	-0.527	0.527	-0.002	0.002	Symmetrical
KURTOSIS (k):	2.470	2.615	2.615	1.276	1.276	Leptokurtic
Setelah dibagi 1000 0.7369						

Sub-Stasiun 1.2

SAMPLE STATISTICS						
SAMPLE IDENTITY: Sedimen			ANALYST & DATE: Ukuran Butir,			
SAMPLE TYPE: Polymodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Very Coarse Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	1200.0	-0.243	GRAVEL: 15.4%		COARSE SAND: 30.7%	
MODE 2:	605.0	0.747	SAND: 84.5%		MEDIUM SAND: 10.7%	
MODE 3:	2400.0	-1.243	MUD: 0.1%		FINE SAND: 8.6%	
D ₁₀ :	252.4	-1.170			V FINE SAND: 1.1%	
MEDIAN or D ₅₀ :	701.3	0.512	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.0%	
D ₉₀ :	2250.2	1.986	COARSE GRAVEL: 0.0%		COARSE SILT: 0.0%	
(D ₉₀ / D ₁₀):	8.914	-1.697	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.0%	
(D ₉₀ - D ₁₀):	1997.8	3.156	FINE GRAVEL: 0.0%		FINE SILT: 0.0%	
(D ₇₅ / D ₂₅):	2.412	-2.668	V FINE GRAVEL: 15.4%		V FINE SILT: 0.0%	
(D ₇₅ - D ₂₅):	744.3	1.270	V COARSE SAND: 33.5%		CLAY: 0.0%	
	METHOD OF MOMENTS		FOLK & WARD METHOD			
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	1003.7	745.8	0.423	669.4	0.579	Coarse Sand
SORTING (σ):	697.3	2.276	1.186	2.241	1.164	Poorly Sorted
SKEWNESS ($s\bar{x}$):	0.895	-0.685	0.685	-0.097	0.097	Symmetrical
KURTOSIS (k):	2.845	3.520	3.520	1.320	1.320	Leptokurtic
Setelah dibagi 1000 0.6694						

Sub-Stasiun 1.3

SAMPLE STATISTICS						
SAMPLE IDENTITY: Sedimen			ANALYST & DATE: Ukuran Butir,			
SAMPLE TYPE: Polymodal, Moderately Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Very Coarse Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	1200.0	-0.243	GRAVEL: 11.0%		COARSE SAND: 34.2%	
MODE 2:	605.0	0.747	SAND: 89.0%		MEDIUM SAND: 15.4%	
MODE 3:	302.5	1.747	MUD: 0.0%		FINE SAND: 3.4%	
D ₁₀ :	290.0	-1.046			V FINE SAND: 0.1%	
MEDIAN or D ₅₀ :	688.1	0.539	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.0%	
D ₉₀ :	2064.9	1.786	COARSE GRAVEL: 0.0%		COARSE SILT: 0.0%	
(D ₉₀ / D ₁₀):	7.121	-1.707	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.0%	
(D ₉₀ - D ₁₀):	1774.9	2.832	FINE GRAVEL: 0.0%		FINE SILT: 0.0%	
(D ₇₅ / D ₂₅):	2.307	-3.064	V FINE GRAVEL: 11.0%		V FINE SILT: 0.0%	
(D ₇₅ - D ₂₅):	696.0	1.206	V COARSE SAND: 35.9%		CLAY: 0.0%	
	METHOD OF MOMENTS		FOLK & WARD METHOD			
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	954.5	760.1	0.396	673.7	0.570	Coarse Sand
SORTING (σ):	618.2	1.972	0.980	1.985	0.989	Moderately Sorted
SKEWNESS ($s\bar{x}$):	1.116	-0.293	0.293	0.038	-0.038	Symmetrical
KURTOSIS (k):	3.636	2.681	2.681	1.093	1.093	Mesokurtic
Setelah dibagi 1000 0.6737						

Lampiran 6. Lanjutan

Hasil Analisis Gradistat

Sub-Stasiun 2.1

SAMPLE STATISTICS						
SAMPLE IDENTITY: Sedimen			ANALYST & DATE: Ukuran Butir,			
SAMPLE TYPE: Polymodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Very Coarse Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	1200.0	-0.243	GRAVEL:	13.8%	COARSE SAND:	30.2%
MODE 2:	605.0	0.747	SAND:	86.2%	MEDIUM SAND:	10.2%
MODE 3:	2400.0	-1.243	MUD:	0.0%	FINE SAND:	8.5%
D_{10} :	252.3	-1.134			V FINE SAND:	1.2%
MEDIAN or D_{50} :	708.8	0.496	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D_{90} :	2194.8	1.987	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D_{90} / D_{10}) :	8.698	-1.752	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
$(D_{90} - D_{10})$:	1942.5	3.121	FINE GRAVEL:	0.0%	FINE SILT:	0.0%
(D_{75} / D_{25}) :	2.378	-2.732	V FINE GRAVEL:	13.8%	V FINE SILT:	0.0%
$(D_{75} - D_{25})$:	730.8	1.250	V COARSE SAND:	36.0%	CLAY:	0.0%
	METHOD OF MOMENTS		FOLK & WARD METHOD			
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	991.7	745.9	0.423	670.7	0.576	Coarse Sand
SORTING (σ):	673.3	2.233	1.159	2.225	1.154	Poorly Sorted
SKEWNESS (s_k):	0.913	-0.642	0.642	-0.113	0.113	Fine Skewed
KURTOSIS (k_k):	3.039	2.970	2.970	1.337	1.337	Leptokurtic
						Setelah dibagi 1000
						0.6707

Sub-Stasiun 2.2

SAMPLE STATISTICS						
SAMPLE IDENTITY: Sedimen			ANALYST & DATE: Ukuran Butir,			
SAMPLE TYPE: Polymodal, Moderately Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Very Coarse Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	1200.0	-0.243	GRAVEL:	10.6%	COARSE SAND:	33.4%
MODE 2:	605.0	0.747	SAND:	89.4%	MEDIUM SAND:	7.0%
MODE 3:	2400.0	-1.243	MUD:	0.0%	FINE SAND:	8.6%
D_{10} :	266.1	-1.026			V FINE SAND:	0.2%
MEDIAN or D_{50} :	1006.9	-0.010	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D_{90} :	2036.4	1.910	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D_{90} / D_{10}) :	7.653	-1.861	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
$(D_{90} - D_{10})$:	1770.3	2.936	FINE GRAVEL:	0.0%	FINE SILT:	0.0%
(D_{75} / D_{25}) :	2.252	-2.762	V FINE GRAVEL:	10.6%	V FINE SILT:	0.0%
$(D_{75} - D_{25})$:	690.0	1.171	V COARSE SAND:	40.3%	CLAY:	0.0%
	METHOD OF MOMENTS		FOLK & WARD METHOD			
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	973.3	766.1	0.384	877.3	0.189	Coarse Sand
SORTING (σ):	609.8	2.073	1.052	1.937	0.954	Moderately Sorted
SKEWNESS (s_k):	0.993	-0.707	0.707	-0.396	0.396	Very Fine Skewed
KURTOSIS (k_k):	3.612	3.186	3.186	1.385	1.385	Leptokurtic
						Setelah dibagi 1000
						0.8773

Sub-Stasiun 2.3

SAMPLE STATISTICS						
SAMPLE IDENTITY: Sedimen			ANALYST & DATE: Ukuran Butir,			
SAMPLE TYPE: Polymodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Very Coarse Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	1200.0	-0.243	GRAVEL:	14.5%	COARSE SAND:	24.4%
MODE 2:	605.0	0.747	SAND:	85.5%	MEDIUM SAND:	21.7%
MODE 3:	302.5	1.747	MUD:	0.0%	FINE SAND:	5.8%
D_{10} :	267.0	-1.151			V FINE SAND:	0.1%
MEDIAN or D_{50} :	689.0	0.537	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D_{90} :	2221.0	1.905	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D_{90} / D_{10}) :	8.319	-1.655	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
$(D_{90} - D_{10})$:	1954.0	3.056	FINE GRAVEL:	0.0%	FINE SILT:	0.0%
(D_{75} / D_{25}) :	3.704	-4.671	V FINE GRAVEL:	14.5%	V FINE SILT:	0.0%
$(D_{75} - D_{25})$:	919.6	1.889	V COARSE SAND:	33.4%	CLAY:	0.0%
	METHOD OF MOMENTS		FOLK & WARD METHOD			
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	971.7	725.0	0.464	653.9	0.613	Coarse Sand
SORTING (σ):	695.6	2.190	1.131	2.211	1.145	Poorly Sorted
SKEWNESS (s_k):	0.943	-0.240	0.240	-0.072	0.072	Symmetrical
KURTOSIS (k_k):	2.906	2.192	2.192	0.841	0.841	Platykurtic
						Setelah dibagi 1000
						0.6539

Lampiran 7. Lanjutan

Hasil Analisis Gradistat

Sub-Stasiun 3.1

SAMPLE STATISTICS						
SAMPLE IDENTITY: Sedimen			ANALYST & DATE: Ukuran Butir,			
SAMPLE TYPE: Polymodal, Moderately Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Very Coarse Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	1200.0	-0.243	GRAVEL: 12.4%	COARSE SAND: 34.0%		
MODE 2:	605.0	0.747	SAND: 87.6%	MEDIUM SAND: 15.8%		
MODE 3:	302.5	1.747	MUD: 0.0%	FINE SAND: 2.5%		
D ₁₀ :	295.0	-1.095	V FINE SAND: 0.1%			
MEDIAN or D ₅₀ :	692.8	0.529	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	2135.9	1.761	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	7.241	-1.609	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	1840.9	2.856	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	2.318	-2.887	V FINE GRAVEL: 12.4%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	705.9	1.213	V COARSE SAND: 35.2%	CLAY: 0.0%		
	METHOD OF MOMENTS		FOLK & WARD METHOD			
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	978.1	778.6	0.361	681.1	0.554	Coarse Sand
SORTING (σ):	636.8	1.966	0.975	1.983	0.988	Moderately Sorted
SKEWNESS ($S\bar{x}$):	1.085	-0.233	0.233	0.048	-0.048	Symmetrical
KURTOSIS (K):	3.407	2.612	2.612	1.085	1.085	Mesokurtic
Setelah dibagi 1000 0.6811						

Sub-Stasiun 3.2

SAMPLE STATISTICS						
SAMPLE IDENTITY: Sedimen			ANALYST & DATE: Ukuran Butir,			
SAMPLE TYPE: Polymodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Very Coarse Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	1200.0	-0.243	GRAVEL: 13.5%	COARSE SAND: 32.1%		
MODE 2:	605.0	0.747	SAND: 86.5%	MEDIUM SAND: 13.1%		
MODE 3:	2400.0	-1.243	MUD: 0.0%	FINE SAND: 4.7%		
D ₁₀ :	286.2	-1.127	V FINE SAND: 0.2%			
MEDIAN or D ₅₀ :	708.7	0.497	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	2183.8	1.805	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	7.630	-1.602	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	1897.6	2.932	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	2.333	-2.680	V FINE GRAVEL: 13.5%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	719.3	1.222	V COARSE SAND: 36.3%	CLAY: 0.0%		
	METHOD OF MOMENTS		FOLK & WARD METHOD			
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	1001.8	784.5	0.350	688.3	0.539	Coarse Sand
SORTING (σ):	655.4	2.050	1.035	2.010	1.007	Poorly Sorted
SKEWNESS ($S\bar{x}$):	0.985	-0.437	0.437	0.014	-0.014	Symmetrical
KURTOSIS (K):	3.163	2.831	2.831	1.108	1.108	Mesokurtic
Setelah dibagi 1000 0.6883						

Sub-Stasiun 3.3

SAMPLE STATISTICS						
SAMPLE IDENTITY: Sedimen			ANALYST & DATE: Ukuran Butir,			
SAMPLE TYPE: Polymodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Very Coarse Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	1200.0	-0.243	GRAVEL: 14.1%	COARSE SAND: 31.1%		
MODE 2:	605.0	0.747	SAND: 85.9%	MEDIUM SAND: 16.3%		
MODE 3:	302.5	1.747	MUD: 0.0%	FINE SAND: 2.6%		
D ₁₀ :	293.1	-1.141	V FINE SAND: 0.0%			
MEDIAN or D ₅₀ :	1000.1	0.000	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	2206.1	1.771	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	7.527	-1.551	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	1913.0	2.912	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	2.361	-2.664	V FINE GRAVEL: 14.1%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	728.7	1.239	V COARSE SAND: 35.9%	CLAY: 0.0%		
	METHOD OF MOMENTS		FOLK & WARD METHOD			
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	1010.8	797.6	0.326	771.2	0.375	Coarse Sand
SORTING (σ):	661.4	2.001	1.001	2.003	1.002	Poorly Sorted
SKEWNESS ($S\bar{x}$):	0.987	-0.254	0.254	-0.370	0.370	Very Fine Skewed
KURTOSIS (K):	3.082	2.478	2.478	1.071	1.071	Mesokurtic
Setelah dibagi 1000 0.7712						

Lampiran 8. Hasil Uji Statistik Oneway ANOVA Panjang Daun

Descriptives

Stasiun

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
4,28	2	2,50	,707	,500	-3,85	8,85	2	3	
4,54	1	1,00	.	.	.	.	1	1	
4,68	1	1,00	.	.	.	.	1	1	
4,93	1	3,00	.	.	.	.	3	3	
5,17	1	2,00	.	.	.	.	2	2	
Total	6	2,00	,894	,365	1,06	2,94	1	3	
Model	Fixed Effects		,707	,289	-1,67	5,67			
	Random Effects			,393	,91	3,09			,321

ANOVA

Stasiun

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3,500	4	,875	1,750	,508
Within Groups	,500	1	,500		
Total	4,000	5			

Lampiran 9. Hasil Uji Statistik Oneway ANOVA Tebal Daun

Descriptives

Stasiun

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
,05	1	1,00	.	.	.	.	1	1	
,09	2	2,00	1,414	1,000	-10,71	14,71	1	3	
,12	1	2,00	.	.	.	.	2	2	
,19	1	3,00	.	.	.	.	3	3	
,36	1	2,00	.	.	.	.	2	2	
Total	6	2,00	,894	,365	1,06	2,94	1	3	
Model	Fixed Effects		1,414	,577	-5,34	9,34			
	Random Effects			,577 ^a	,40 ^a	3,60 ^a			1,286

ANOVA

Stasiun

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2,000	4	,500	,250	,884
Within Groups	2,000	1	2,000		
Total	4,000	5			

Lampiran 10. Hasil Uji Statistik Oneway ANOVA Diameter Rhizoma

Descriptives

Stasiun

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
					2,95	1			
2,97	1	1,00	.	.	.	.	1	1	
2,99	1	2,00	.	.	.	.	2	2	
3,26	2	2,50	,707	,500	-3,85	8,85	2	3	
3,46	1	3,00	.	.	.	.	3	3	
Total	6	2,00	,894	,365	1,06	2,94	1	3	
Model	Fixed Effects		,707	,289	-1,67	5,67			
	Random Effects			,393	,91	3,09			,321

ANOVA

Stasiun

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3,500	4	,875	1,750	,508
Within Groups	,500	1	,500		
Total	4,000	5			

Lampiran 11. Hasil Uji Statistik Oneway ANOVA Diameter Akar

Descriptives

Stasiun

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
,90	2	1,00	,000	,000	1,00	1,00	1	1	
,94	3	2,67	,577	,333	1,23	4,10	2	3	
,96	1	2,00	.	.	.	.	2	2	
Total	6	2,00	,894	,365	1,06	2,94	1	3	
Model			,471	,192	1,39	2,61			
Fixed Effects									
Random Effects				,586	-,52	4,52			,788

ANOVA

Stasiun

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3,333	2	1,667	7,500	,068
Within Groups	,667	3	,222		
Total	4,000	5			

Lampiran 12. Hasil Uji Statistik Oneway ANOVA Jumlah Akar

Descriptives

Stasiun

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
3,4	1	1,00	.	.	.	.	1	1	
3,6	1	2,00	.	.	.	.	2	2	
3,9	1	3,00	.	.	.	.	3	3	
4,1	1	1,00	.	.	.	.	1	1	
4,4	2	2,50	,707	,500	-3,85	8,85	2	3	
Total	6	2,00	,894	,365	1,06	2,94	1	3	
Model	Fixed		,707	,289	-1,67	5,67			
	Effects								
	Random			,393	,91	3,09			
	Effects								,321

ANOVA

Stasiun

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3,500	4	,875	1,750	,508
Within Groups	,500	1	,500		
Total	4,000	5			

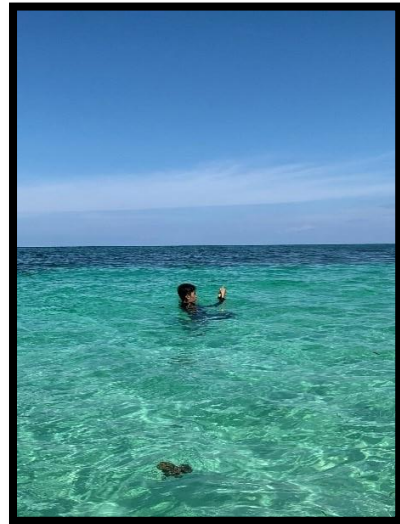
Lampiran 13. Hasil Uji Kruskal Wallis Morfometrik Lamun

Uji Kruskal Wallis			
	Chi_Squares	df	Sig.
Lebar Daun	,000	2	1,000
Jumlah Daun	,857	2	,651
Panjang Batang	2,571	2	,276
Diameter Batang	3,714	2	,156
Panjang Rhizoma	3,714	2	,156
Panjang Akar	2,571	2	,276

Lampiran 14. Pengambilan Data di Lapangan



Sampel Lamun



Pengambilan Sampel Air



Alat SCUBA



Alat Pengukur Parameter



Sampel Tegakan Lamun

Lampiran 15. Pengamatan Sampel di Laboratorium



Analisis Ukuran Butir



Pengukuran Kekeruhan