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LAMPIRAN

Lampiran 1. Jenis-Jenis Sponge yang didapatkan di Back Reef Pulau Barranglompo



Spheciospongia inconstans



Chalinula molitba



Haliclona cymaeformis

Lampiran 1. Lanjutan.....



Haliclona tubifera

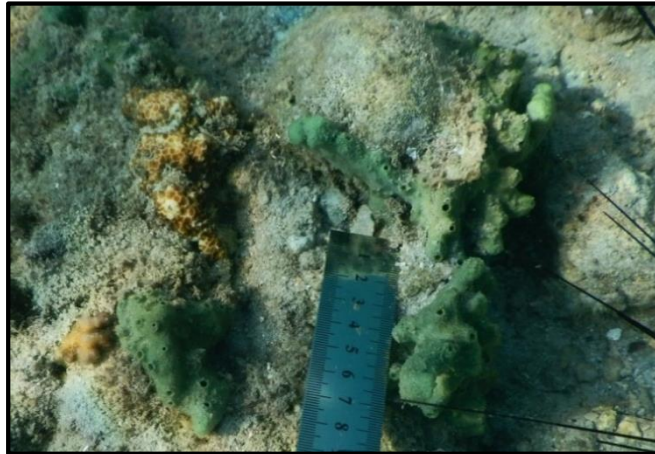


Haliclona sp.1



Haliclona sp.2

Lampiran 1. Lanjutan...



Amphimedon viridis



Neopetrosia carbonaria



Petrosia nigricans

Lampiran 1. Lanjutan.....



Xestospongia sp.



Oceanapia sagittaria

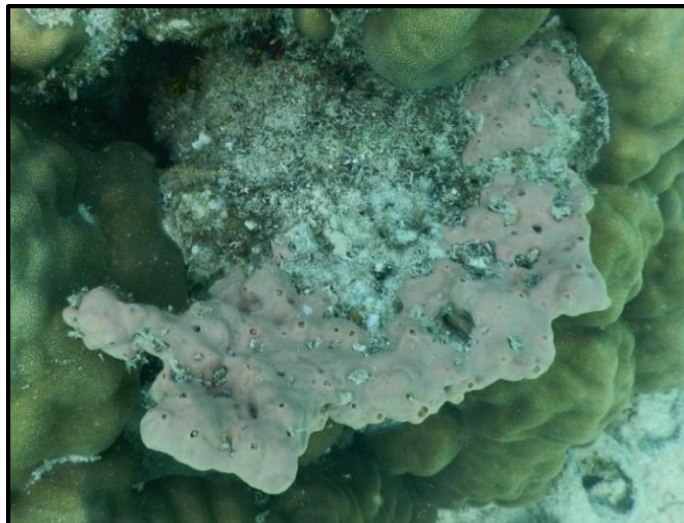


Coelocarteria singaporensis

Lampiran 1. Lanjutan.....



Clathria reinwardti



Clathria sp.1



Mycale grandis

Lampiran 1. Lanjutan.....



Stylissa massa



Aptos aptos

Lampiran 1. Lanjutan.....



Cinachyrella sp.



Lamellodysidea herbacea



Carteriospongia foliascens

Lampiran 1. Lanjutan.....



Dactylospongia sp.



Hyrtios erectus

Lampiran 2. Hasil Analisis Ragam Densitas Sponge antar Stasiun

Descriptives

LN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
					1	7		
2	11	3.0895	.91056	.27454	2.4777	3.7012	1.10	4.03
3	8	3.2271	.75843	.26815	2.5930	3.8611	1.61	3.97
Total	26	3.0166	.76800	.15062	2.7064	3.3268	1.10	4.03

Test of Homogeneity of Variances

LN

Levene Statistic	df1	df2	Sig.
1.601	2	23	.223

ANOVA

LN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.295	2	.648	1.107	.347
Within Groups	13.450	23	.585		
Total	14.745	25			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: LN

LSD

(I) Stasiun	(J) Stasiun	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
1	2	-.42793	.36974	.259	-1.1928	.3369
	3	-.56554	.39578	.166	-1.3843	.2532
2	1	.42793	.36974	.259	-.3369	1.1928
	3	-.13760	.35533	.702	-.8727	.5975
3	1	.56554	.39578	.166	-.2532	1.3843
	2	.13760	.35533	.702	-.5975	.8727

Lampiran 3. Hubungan Densitas Sponge dengan Ukuran Spikula 63 Mikron

	Mean	Std. Deviation	N
Sponge63	18.82	14.593	11
Spikula63	506.45	134.834	11

Correlations

		Sponge63	Spikula63
Pearson Correlation	Sponge63	1.000	.511
	Spikula63	.511	1.000
Sig. (1-tailed)	Sponge63	.	.054
	Spikula63	.054	.
N	Sponge63	11	11
	Spikula63	11	11

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Spikula63 ^b	.	Enter

a. Dependent Variable: Sponge63

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics			Sig. F Change	Durbin-Watson	
					R Square Change	F Change	df1			df2
1	.067 ^a	.004	-.106	15.348	.004	.040	1	9	.846	1.480

a. Predictors: (Constant), Spikul150

b. Dependent Variable: Sponge150

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	556.436	1	556.436	3.183	.108 ^b
	Residual	1573.201	9	174.800		
	Total	2129.636	10			

a. Dependent Variable: Sponge63

b. Predictors: (Constant), Spikula63

Lampiran 3. Lanjutan.....

Coefficients^a

Model		Unstandardized Coefficients		Standardized	t	Sig.
		B	Std. Error	Coefficients		
1	(Constant)	-9.201	16.202		-.568	.584
	Spikula63	.055	.031	.511	1.784	.108

a. Dependent Variable: Sponge63

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	8.12	31.57	18.82	7.459	11
Residual	-15.206	23.007	.000	12.543	11
Std. Predicted Value	-1.435	1.710	.000	1.000	11
Std. Residual	-1.150	1.740	.000	.949	11

a. Dependent Variable: Sponge63

Lampiran 4. Hubungan Densitas Sponge dengan Ukuran Spikula 150 Mikron

Descriptive Statistics

	Mean	Std. Deviation	N
Sponge150	18.82	14.593	11
Spikul150	25.18	12.505	11

Correlations

		Sponge150	Spikul150
Pearson Correlation	Sponge150	1.000	-.067
	Spikul150	-.067	1.000
Sig. (1-tailed)	Sponge150	.	.423
	Spikul150	.423	.
N	Sponge150	11	11
	Spikul150	11	11

Variables Entered/Removed^a

Model	Variables Entered	Variables	Method
		Removed	
1	Spikul150 ^b	.	Enter

a. Dependent Variable: Sponge150

b. All requested variables entered.

Lampiran 4. Lanjutan.....

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	R Square Change	Change Statistics			Sig. F Change	Durbin-Watson
						F Change	df1	df2		
1	.067 ^a	.004	-.106	15.348	.004	.040	1	9	.846	1.480

a. Predictors: (Constant), Spikul150

b. Dependent Variable: Sponge150

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	9.462	1	9.462	.040	.846 ^b
	Residual	2120.174	9	235.575		
	Total	2129.636	10			

a. Dependent Variable: Sponge150

b. Predictors: (Constant), Spikul150

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	20.777	10.814		1.921	.087
	Spikul150	-.078	.388	-.067	-.200	.846

a. Dependent Variable: Sponge150

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	16.42	19.92	18.82	.973	11
Residual	-16.921	27.701	.000	14.561	11
Std. Predicted Value	-2.465	1.134	.000	1.000	11
Std. Residual	-1.102	1.805	.000	.949	11

a. Dependent Variable: Sponge150

Lampiran 5. Hubungan Densitas Sponge dengan Ukuran Spikul 250 Mikron

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	R Square Change	Change Statistics			Sig. F Change	Durbin-Watson
						F Change	df1	df2		
1	.100 ^a	.010	-.114	16.137	.010	.080	1	8	.784	1.552

a. Predictors: (Constant), Spikul250

b. Dependent Variable: Sponge250

Descriptive Statistics

	Mean	Std. Deviation	N
Sponge250	19.30	15.290	10
Spikul250	11.60	15.721	10

Correlations

		Sponge250	Spikul250
Pearson Correlation	Sponge250	1.000	-.100
	Spikul250	-.100	1.000
Sig. (1-tailed)	Sponge250	.	.392
	Spikul250	.392	.
N	Sponge250	10	10
	Spikul250	10	10

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Spikul250 ^b	.	Enter

a. Dependent Variable: Sponge250

b. All requested variables entered.

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	20.936	1	20.936	.080	.784 ^b
	Residual	2083.164	8	260.396		
	Total	2104.100	9			

a. Dependent Variable: Sponge250

b. Predictors: (Constant), Spikul250

Lampiran 5. Lanjutan.....

Coefficients^a

Model		Unstandardized Coefficients		Standardized	t	Sig.
		B	Std. Error	Coefficients Beta		
1	(Constant)	20.425	6.465		3.160	.013
	Spikul250	-.097	.342	-.100	-.284	.784

a. Dependent Variable: Sponge250

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	15.19	20.33	19.30	1.525	10
Residual	-17.328	27.060	.000	15.214	10
Std. Predicted Value	-2.697	.674	.000	1.000	10
Std. Residual	-1.074	1.677	.000	.943	10

a. Dependent Variable: Sponge250