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LAMPIRAN



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Lampiran 1. Tutupan lamun Pulau Kapoposang dan Gondong Bali

STASIUN	LINE TRANSEK	Ulangan	Tutupan/jenis (%)		Cover tutupan (%)	
			Ea	Th		
Kapoposang 1	line 1	1	50	25	75	
		2	25	50	75	
		3	25	50	75	
		4	25	50	75	
		5	25	50	75	
			jumlah	150	225	375
			Rata-rata	30	45	75
	line 2	1	25	50	75	
		2	25	50	75	
		3	25	50	75	
		4	25	50	75	
		jumlah	100	200	300	
			Rata-rata	25	50	75
	line 3	1	50	25	75	
		2	25	50	75	
		3	25	50	75	
		4	50	25	75	
		5	25	50	75	
		6	50	25	75	
		7	25	50	75	
		8	50	25	75	
		9	50	25	75	
		10	25	50	75	
		11	50	25	75	
		12	50	25	75	
		13	25	50	75	
		14	50	25	75	
15		50	25	75		
		jumlah	600	525	1125	
		Rata-rata	40	35	75	



Lampiran 1. Tutupan lamun Pulau Kapoposang dan Gondong Bali (Lanjutan...)

STASIUN	LINE TRANSEK	Ulangan	Tutupan/jenis (%)		Cover tutupan (%)	
			Ea	Th		
Kapoposang 2	line1	1	50	25	75	
		2	25	50	75	
		3	50	25	75	
		4	50	25	75	
		jumlah		175	125	300
		Rata-rata		43.75	31.25	75
	line 2	1	50	25	75	
		2	50	25	75	
		3	50	25	75	
		4	50	25	75	
		jumlah		200	100	300
		Rata-rata		50	25	75
	line 3	1	50	25	75	
		2	25	50	75	
		3	25	50	75	
		4	50	25	75	
		jumlah		150	150	300
		Rata-rata		37.5	37.5	75



Lampiran 1. Tutupan lamun Pulau Kapoposang dan Gondong Bali (Lanjutan...)

STASIUN	LINE TRANSEK	Ulangan	Tutupan/jenis (%)			Cover tutupan (%)	
			Ea	Th	Cr		
G. Balin1	line1	1	25	25	25	75	
		2	25	25	25	75	
		3	25	25	25	75	
		4	25	25	25	75	
		5	25	25	25	75	
			jumlah	125	125	125	375
			Rata-rata	25	25	25	75
	line 2	1	25	25	25	75	
		2	25	25	25	75	
		3	25	25	25	75	
		4	25	25	25	75	
		5	25	25	25	75	
		6	25	25	25	75	
		7	25	25	25	75	
		8	25	25	25	75	
		9	25	25	25	75	
		10	25	25	25	75	
			jumlah	250	250	250	750
			Rata-rata	25	25	25	75
	line 3	1	25	25	25	75	
		2	25	25	25	75	
		3	25	25	25	75	
		4	25	25	25	75	
		5	25	25	25	75	
		6	25	25	25	75	
		7	25	25	25	75	
		8	25	25	25	75	
			jumlah	200	200	200	600
			Rata-rata	25.00	25.00	25	75.00



Lampiran 1. Tutupan lamun Pulau Kapoposang dan Gondong Bali (Lanjutan...)

STASIUN	LINE TRANSEK	Ulangan	Tutupan/jenis (%)			Cover tutupan (%)	
			Ea	Th	Cr		
G. Bali 2	line1	1	25	25	25	75	
		2	25	25	25	75	
		3	25	25	25	75	
		4	25	25	25	75	
		5	25	25	25	75	
		6	25	25	25	75	
		7	25	25	25	75	
		8	25	25	25	75	
		jumlah		200	200	200	600
		Rata-rata		25.00	25.00	25.00	75.00
	line 2	1	25	25	25	75	
		2	25	25	25	75	
		3	25	25	25	75	
		4	25	50	25	75	
		5	25	25	25	75	
		jumlah		125	150	25	375
		Rata-rata		25	25	25	75
	line 3	1	25	25	25	75	
		2	25	25	25	75	
		3	25	25	25	75	
		4	25	25	25	75	
		5	25	25	25	75	
		6	25	50	25	100	
		jumlah		150	175	150	475
	Rata-rata		25.00	29.16667	25	79.17	



Lampiran 2. Kerapatan Lamun di Pulau Kapoposang dan Pulau Gondong Bali

Stasiun	Ulangan	Kerapatan Lamun			Cover	Rata-rata
		Enhalus acoroides	Tallasia hempricii	Cymodocea rotundata		
Kapoposang 1	U1	35	20		55	50.40
		31	20		51	
		24	23		47	
		23	22		45	
		32	22		54	
	U2	25	24		49	47.25
		28	23		51	
		28	21		49	
		25	15		40	
	U3	50	25		75	63.13
		50	25		75	
		54	35		89	
		25	17		42	
		45	25		70	
		54	25		79	
		25	15		40	
		45	25		70	
		45	25		70	
		35	22		57	
	Kapoposang 2	U1	35	25		60
36			23		59	
35			21		56	
34			23		57	
U2		33	15		48	79.25
		33	24		57	
		25	24		49	
U3		20	25		45	84.25
		25	25		50	
		40	35		75	
	44	35		79		
	43	38		81		
U3	44	38		82	84.25	
	45	33		78		
	46	33		79		
	47	38		85		
		50	45		95	



Lampiran 2. Kerapatan Lamun di Pulau Kapoposang dan Pulau Gondong Bali (Lanjutan...)

Stasiun	Ulangan	Kerapatan Lamun			COVER	Rata-rata
		Enhalus acoroides	Tallasia hempricii	Cymodocea rotundata		
Gondong Bali 1	U1	40	33	22	95	104.20
		45	25	15	85	
		50	50	20	120	
		50	50	33	133	
		40	33	15	88	
	U2	50	50	20	120	117.50
		33	25	16	74	
		40	33	10	83	
		50	61	44	155	
		33	24	15	72	
		50	57	35	142	
		45	44	20	109	
		55	43	25	123	
		54	70	20	144	
		54	65	34	153	
	U3	61	50	32	143	115.13
		52	52	45	149	
		50	66	30	146	
		55	44	22	121	
		55	33	24	112	
33		25	15	73		
45		32	10	87		
33	45	12	90			



Lampiran 2. Kerapatan Lamun di Pulau Kapoposang dan Pulau Gondong Bali (Lanjutan...)

Stasiun	Ulangan	Kerapatan Lamun			COVER	Rata-rata
		Enhalus acoroides	Tallasia hempricii	Cymodocea rotundata		
Gondong Bali 2	U1	45	55	25	125	96.38
		40	80	25	145	
		40	33	15	88	
		40	33	15	88	
		45	33	12	90	
		48	32	10	90	
		40	25	10	75	
		36	22	12	70	
	U2	50	45	20	115	149.20
		50	70	33	153	
		60	67	45	172	
		56	59	23	138	
		50	78	40	168	
	U3	50	45	33	128	129.83
		54	40	33	127	
		55	57	23	135	
		52	56	55	163	
		54	45	32	131	
		50	33	12	95	



Lampiran 3. Tutupan spons di Pulau Kapoposang dan Pulau Gondong Bali (tutupan Spons stasiun 1 Pulau Kapoposang)

LINE 1	LINE 2	LINE 3
$1.1 = \frac{1}{4}, \frac{1}{4}$	$2.1 = \frac{1}{4}, \frac{1}{4}$	$3.1 = \frac{1}{4}, \frac{1}{4}$
$1.2 = \frac{1}{4}, \frac{1}{4}$	$2.2 = \frac{1}{4}$	$3.2 = \frac{1}{4}, \frac{1}{4}$
$1.3 = \frac{1}{2},$	$2.3 = \frac{1}{4}$	$3.3 = \frac{1}{4}, \frac{1}{4}, \frac{1}{4}$
$1.4 = \frac{1}{4}, \frac{1}{4}$	$2.4 = \frac{1}{4}$	$3.4 = \frac{1}{4}$
$1.5 = \frac{1}{4}, \frac{1}{4}$		$3.5 = \frac{1}{2}, \frac{1}{4}$
		$3.6 = \frac{1}{4}, \frac{1}{4}, \frac{1}{4}$
		$3.7 = \frac{1}{4}$
		$3.8 = \frac{1}{4}, \frac{1}{4}$
		$3.9 = \frac{1}{4}, \frac{1}{4}$
		$3.10 = \frac{1}{4}, \frac{1}{4}, \frac{1}{4}$
		$3.11 = \frac{1}{4}, \frac{1}{4}$
		$3.12 = \frac{1}{4}$
		$3.13 = \frac{1}{4}$
		$3.14 = \frac{1}{2}, \frac{1}{4}$
		$3.15 = \frac{1}{4}, \frac{1}{4}$



Lampiran 3. Tutupan spons di Pulau Kapoposang dan Pulau Gondong Bali (tutupan Spons stasiun 2 Pulau Kapoposang, Lanjutan...)

LINE 1	LINE 2	LINE 3
$1.1 = \frac{1}{4}$	$2.1 = \frac{1}{4}, \frac{1}{4}, \frac{1}{4}$	$3.1 = \frac{1}{4}$
$1.2 = \frac{1}{4}$	$2.2 = \frac{1}{2}, \frac{1}{4}$	$3.2 = \frac{1}{4}, \frac{1}{4}$
$1.3 = \frac{1}{4}$	$2.3 = \frac{1}{4}, \frac{1}{4}$	$3.3 = \frac{1}{4}, \frac{1}{4}$
$1.4 = \frac{1}{4}$	$2.4 = \frac{1}{4}, \frac{1}{4}$	$3.4 = \frac{1}{4}, \frac{1}{4}$

Lampiran 3. Tutupan spons di Pulau Kapoposang dan Pulau Gondong Bali (tutupan spons stasiun 1 Gondong, Lanjutan...)

LINE 1	LINE 2	LINE 3
$1.1 = \frac{1}{4}, \frac{1}{4}$	$2.1 = \frac{1}{4}, 1$	$3.1 = \frac{1}{2}, \frac{1}{4}, \frac{1}{4}$
$1.2 = \frac{1}{4}$	$2.2 = \frac{1}{4}$	$3.2 = \frac{1}{4}, \frac{1}{4}$
$1.3 = \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}$	$2.3 = \frac{1}{4}$	$3.3 = \frac{1}{2}, \frac{1}{4}$
$1.4 = \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}$	$2.4 = \frac{1}{4}, \frac{1}{4}$	$3.4 = \frac{1}{4}, \frac{1}{4}$
$1.5 = \frac{1}{4}$	$2.5 = \frac{1}{4}, \frac{1}{4}$	$3.5 = \frac{1}{4}$
	$2.6 = \frac{1}{4}, \frac{1}{4}$	$3.6 = \frac{1}{4}$
	$2.7 = \frac{1}{4}$	$3.7 = \frac{1}{2}$
	$2.8 = \frac{1}{4}, \frac{1}{4}$	$3.8 = \frac{1}{4}, \frac{1}{4}, \frac{1}{4}$
	$2.9 = \frac{1}{4}, \frac{1}{4}$	
	$2.10 = \frac{1}{4}, \frac{1}{4}$	



Lampiran 3. Tutupan spons di Pulau Kapoposang dan Pulau Gondong Bali (tutupan Spons stasiun 2 Gondong Bali, Lanjutan...)

LINE 1	LINE 2	LINE 3
$1.1 = \frac{1}{4}, \frac{1}{4}$	$2.1 = \frac{1}{4}, \frac{1}{4}$	$3.1 = \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}$
$1.2 = \frac{1}{2}, \frac{1}{4}$	$2.2 = \frac{1}{4}, \frac{1}{4}$	$3.2 = \frac{1}{4}, \frac{1}{4}, \frac{1}{4}$
$1.3 = \frac{1}{4}$	$2.3 = \frac{1}{4}, \frac{1}{4}, \frac{1}{4}$	$3.3 = \frac{1}{4}, \frac{1}{4}$
$1.4 = \frac{1}{4}, \frac{1}{4}$	$2.4 = \frac{1}{4}, \frac{1}{4}$	$3.4 = \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}$
$1.5 = \frac{1}{4}, \frac{1}{4}$	$2.5 = \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}$	$3.5 = \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}$
$1.6 = \frac{1}{4}$		$3.6 = \frac{1}{4}$
$1.7 = \frac{1}{4}$		
$1.8 = \frac{1}{2}$		



Lampiran 4. Korelasi Tutupan Spons Dengan Tutupan Lamun

Descriptive Statistics

	Mean	Std. Deviation	N
Penutupan Lamun	75.3205	2.83069	78
Sponge	13.1635	9.02232	78

Correlations

		Lamun	Sponge
Penutupan Lamun	Pearson Correlation	1	-.088
	Sig. (2-tailed)		.444
	Sum of Squares and Cross-products	616.987	-172.837
	Covariance	8.013	-2.245
	N	78	78
Sponge	Pearson Correlation	-.088	1
	Sig. (2-tailed)	.444	
	Sum of Squares and Cross-products	-172.837	6.268E3
	Covariance	-2.245	81.402
	N	78	78



Lampiran 5. Korelasi Tutupan Spons Dengan Kerapatan Lamun

Descriptive Statistics

	Mean	Std. Deviation	N
Kerapatan	91.7436	36.57848	78
Sponge	13.1635	9.02232	78

Correlations

		Kerapatan	Sponge
Kerapatan	Pearson Correlation	1	.506**
	Sig. (2-tailed)		.000
	Sum of Squares and Cross-products	1.0305	1.2874
	Covariance	1337.985	167.156
	N	78	78
Sponge	Pearson Correlation	.506**	1
	Sig. (2-tailed)	.000	
	Sum of Squares and Cross-products	1.2874	6.2683
	Covariance	167.156	81.402
	N	78	78

** . Correlation is significant at the 0.01 level (2-tailed).



Lampiran 5. Kegiatan Penelitian



Pengamatan Salinitas



Pengamatan Kekeruhan



Pemberian materi pada sampel spons



Melakukan sentrifus pada vial yang berisi spons



Mencampurkan materi spons dengan vortex



Pengamatan spikula dan kerangka spons



Optimization Software:
www.balesio.com

Lampiran 7. Jenis lamun yang ada di lokasi penelitian



Thalassia hempricii



Cymodocea rotundata



Enhalus acoroides



Lampiran 8. Tutupan dan kerapatan lamun di TWP Kepulauan Kapoposang

