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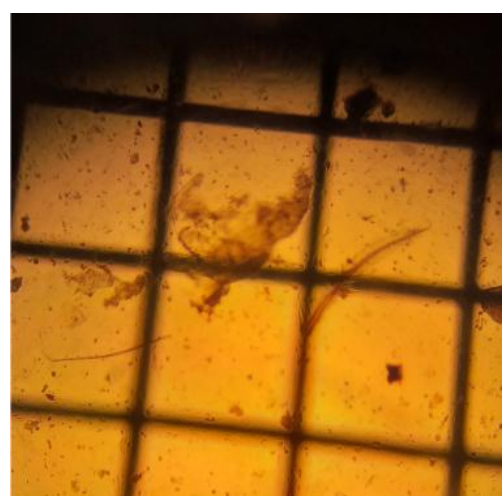
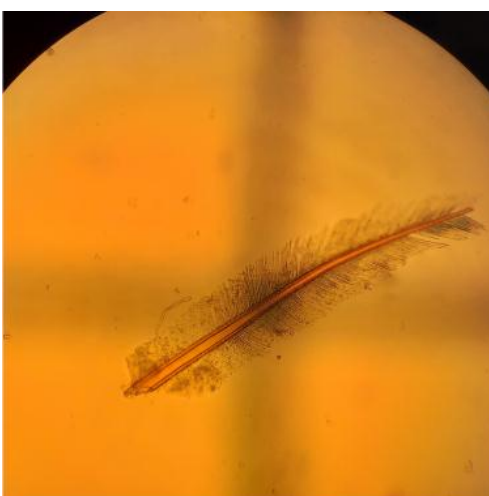
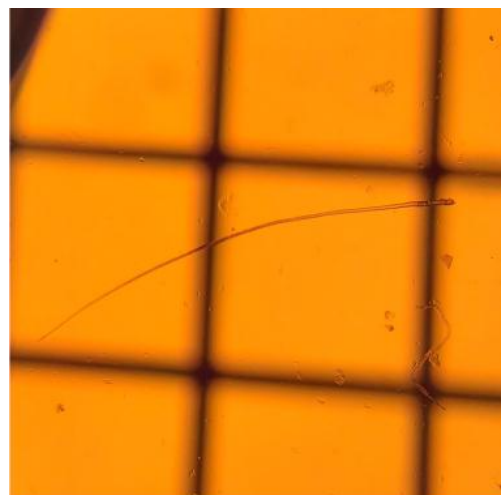
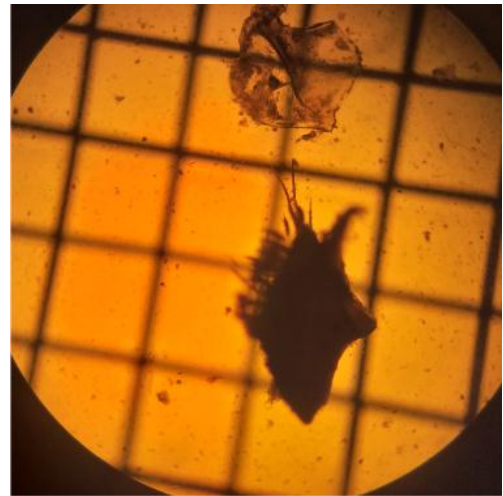
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LAMPIRAN

Lampiran 1. Jenis makanan yang ditemukan pada lambung dan usus udang mantis
Gonodactylus chiragra Fabricius (1781)

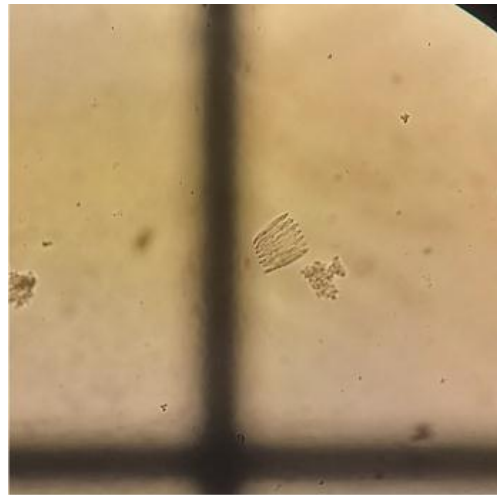
Potongan Tubuh krustasea



Lampiran 1. Lanjutan



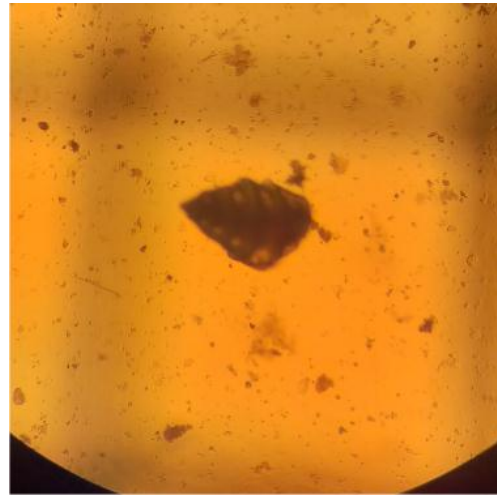
Ophiuroidea



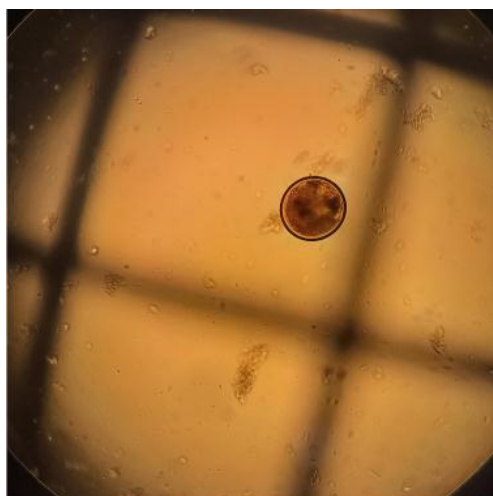
Bacillaria sp.



Arctodiaptomus sp.



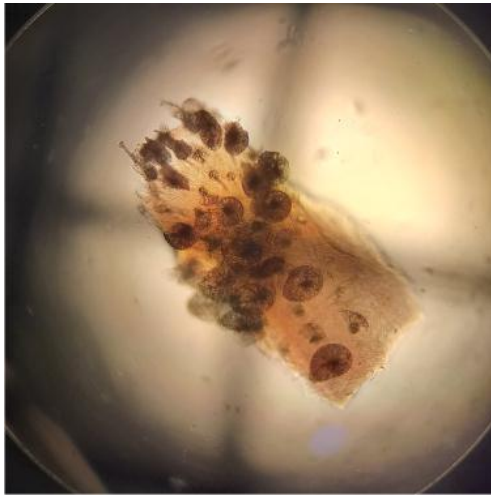
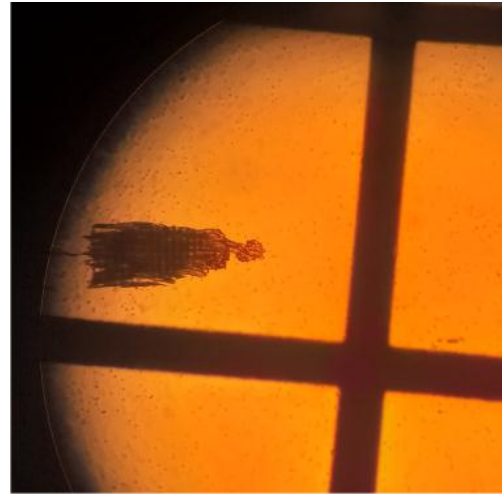
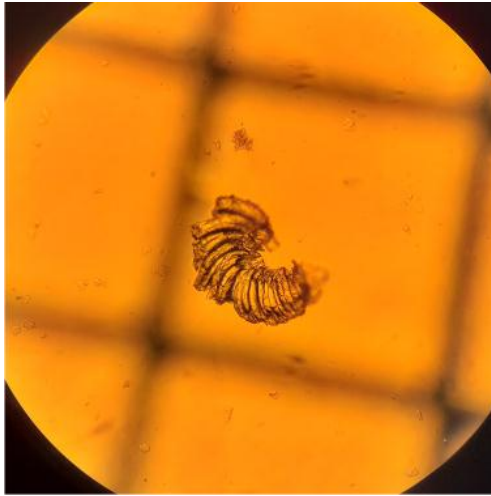
Gastropoda



Rhizopoda

Lampiran 1. Lanjutan

Tidak teridentifikasi



Lampiran 2. Klasifikasi spesies plankton yang ditemukan pada lambung dab usus udang mantis, *Gonodactylus chiragra* Fabricius (1781)

Kingdom : Animalia
Divisi : Arthropoda
Kelas : Malacostraca
Ordo :
Famili :
Genus :
Spesies :

Kingdom : Animalia
Divisi : Arthropoda
Kelas : Maxillopoda
Ordo :
Famili :
Genus :
Spesies :

Kingdom : Animalia
Divisi : Mollusca
Kelas : Gastropoda
Ordo :
Famili :
Genus :
Spesies :

Kingdom : Animalia
Divisi : Echinodermata
Kelas : Ophiuroidea
Ordo :
Famili :
Genus :
Spesies :

Kingdom : Protozoa
Divisi : Protozoa
Kelas : Lobosa
Ordo : Arcellinida
Famili : Arcellidae
Genus : *Arcella*
Spesies :

Lampiran 3. Hasil analisis Indeks Bagian Terbesar (%) jenis makanan udang mantis *Gonodactylus chiragra* Fabricius (1781) Jantan

Ukuran Udang Jantan								
No	Kelas	Frekuensi	Volume	Volume SCR	Vi	Oi	Vi*Oi	IBT
1	Ophiuroidea	2	2	0.0020	0.0696	0.8065	0.0561	0.0006
2	Gastropoda	1	1	0.0010	0.0348	0.4032	0.0140	0.0002
3	Malacostraca	225	2840	2.8400	98.8514	90.7258	8968.3707	99.9732
4	Maxillopoda	4	5	0.0050	0.1740	1.6129	0.2807	0.0031
5	Rhizopoda	9	10	0.0100	0.3481	3.6290	1.2632	0.0141
6	Tidak teridentifikasi	4	11	0.0110	0.3829	1.6129	0.6175	0.0069
Jumlah		248	2873	2.8730	100	100	8970.7707	100

Lampiran 4. Hasil analisis Indeks Bagian Terbesar (%) jenis makanan udang mantis *Gonodactylus chiragra* Fabricius (1781) Betina

Ukuran Udang Betina								
No	Kelas	Frekuensi	Volume	Volume SCR	Vi	Oi	Vi*Oi	IBT
1	Ophiuroidea	3	4	0.0040	0.3630	2.2222	0.8066	0.0099
2	Malacostraca	115	1057	1.0570	95.9165	85.1852	8170.6661	99.8333
3	Maxillopoda	6	9	0.0090	0.8167	4.4444	3.6298	0.0444
4	Rhizopoda	6	17	0.0170	1.5426	4.4444	6.8562	0.0838
5	Tidak teridentifikasi	2	10	0.0100	0.9074	1.4815	1.3444	0.0164
Jumlah		135	1102	1.1020	100	100	8184.3114	100

Lampiran 5. Uji t-test (*Two-Sample Assuming Equal Variances*) indeks bagian terbesar berdasarkan jenis kelamin

	IBT Jantan	IBT Betina
Mean	14.2857	16.6667
Variance	1427.6798	1660.0052
Observations	7	6
Pooled Variance	1533.2822	
Hypothesized Mean Difference	0	
df	11	
t Stat	-0.1093	
P(T<=t) one-tail	0.4575	
t Critical one-tail	1.7959	
P(T<=t) two-tail	0.9149	
t Critical two-tail	2.2010	

Lampiran 6. Hasil analisis Indeks Bagian Terbesar (%) jenis makanan udang mantis *Gonodactylus chiragra* Fabricius (1781) berdasarkan ukuran

Ukuran Udang Kecil 48 - 66								
No	Kelas	Frekuensi	Volume	Volume SCR	V_i	O_i	$V_i \cdot O_i$	IBT
1	Malacostraca	20	174	0.1740	98.3051	90.9091	8936.8259	99.8279
2	Rhizopoda	2	3	0.0030	1.6949	9.0909	15.4083	0.1721
Jumlah		22	177	0.177	100	100	8952.2342	100

Ukuran Udang sedang 67 - 84								
No	Kelas	Frekuensi	Volume	Volume SCR	V_i	O_i	$V_i \cdot O_i$	IBT
1	Malacostraca	105	1071	1.0710	97.8082	91.3043	8930.3157	99.9325
2	Bacillariophyceae	2	3	0.0030	0.2740	1.7391	0.4765	0.0053
3	Rhizopoda	4	14	0.0140	1.2785	3.4783	4.4471	0.0498
4	Echinodermata	2	3	0.0030	0.2740	1.7391	0.4765	0.0053
5	Maxillopoda	2	4	0.0040	0.3653	1.7391	0.6353	0.0071
Jumlah		115	1095	1.0950	100	100	8936.3510	100

Ukuran Udang sedang 85 - 102								
No	Kelas	Frekuensi	Volume	Volume SCR	V_i	O_i	$V_i \cdot O_i$	IBT
1	Malacostraca	215	2652	2.6520	97.8598	87.7551	8587.6949	99.9353
2	Rhizopoda	9	10	0.0100	0.3690	3.6735	1.3555	0.0158
3	Maxillopoda	8	10	0.0100	0.3690	3.2653	1.2049	0.0140
4	Echinodermata	3	3	0.0030	0.1107	1.2245	0.1356	0.0016
5	gastropoda	1	1	0.0010	0.0369	0.4082	0.0151	0.0002
6	Tidak teridentifikasi	6	29	0.0290	1.0701	2.4490	2.6207	0.0305
Jumlah		245	2710	2.71	100	100	8593.2525	100

Lampiran 7. Uji t-test (*Two-Sample Assuming Equal Variances*) Indeks Bagian Terbesar berdasarkan ukuran panjang total tubuh (mm)

	48 - 66	67 - 84
Mean	33.3333	20.0000
Variance	3313.2941	1996.6249
Observations	3	5
Pooled Variance	2435.5147	
Hypothesized Mean Difference	0	
df	6	
t Stat	0.3700	
P(T<=t) one-tail	0.3621	
t Critical one-tail	1.9432	
P(T<=t) two-tail	0.7241	
t Critical two-tail	2.4469	
	48 - 66	85 - 102

Mean	33.3333	14.2857
Variance	3313.2941	1426.4165
Observations	3	7
Pooled Variance	1898.1359	
Hypothesized Mean Difference	0	
df	8	
t Stat	0.6336	
P(T<=t) one-tail	0.2720	
t Critical one-tail	1.8595	
P(T<=t) two-tail	0.5441	
t Critical two-tail	2.3060	

	67 - 84	85 - 102
Mean	20.0000	14.2857
Variance	1996.6249	1426.4165
Observations	5	7
Pooled Variance	1654.4999	
Hypothesized Mean Difference	0	
df	10	
t Stat	0.2399	
P(T<=t) one-tail	0.4076	
t Critical one-tail	1.8125	
P(T<=t) two-tail	0.8152	
t Critical two-tail	2.2281	

Lampiran 8. Hasil pengukuran panjang relatif usus (*relative gut length*) udang mantis *Gonodactylus chiragra* Fabricius (1781) Jantan

No	Panjang Total (mm)	Panjang Usus mm)	RLG
1	59	31	0.53
2	66	36	0.55
3	69	38	0.55
4	73	40	0.55
5	73	48	0.66
6	73	49	0.67
7	75	50	0.67
8	76	52	0.68
9	80	54	0.68
10	83	55	0.66
11	84	55	0.65
12	86	55	0.64
13	86	56	0.65
14	87	55	0.63
15	87	55	0.63
16	87	56	0.64
17	88	57	0.65
18	88	57	0.65
19	89	58	0.65
20	89	59	0.66
21	90	59	0.66
22	91	59	0.65
23	91	61	0.67
24	91	62	0.68
25	92	63	0.68
26	92	63	0.68
27	92	64	0.70
28	92	64	0.70
29	92	64	0.70
30	93	65	0.70
31	93	65	0.70
32	93	65	0.70
33	93	65	0.70
34	94	66	0.70
35	95	67	0.71
36	95	68	0.72
37	95	69	0.73
38	96	69	0.72
39	96	69	0.72
40	97	70	0.72
41	97	70	0.72

42	98	71	0.72
43	101	72	0.71
44	101	72	0.71
45	102	73	0.72

Lampiran 9. Hasil pengukuran panjang relatif usus (*relative gut length*) udang mantis *Gonodactylus chiragra* Fabricius (1781) Betina

No	Panjang Total (mm)	Panjang Usus mm)	RLG
1	48.0	25	0.52
2	64.0	36	0.56
3	72.0	39	0.54
4	78.0	53	0.68
5	79.0	53	0.67
6	81.0	54	0.67
7	81.0	54	0.67
8	82.0	54	0.66
9	83.0	55	0.66
10	84.0	55	0.65
11	84.0	55	0.65
12	84.0	55	0.65
13	84.0	55	0.65
14	84.0	55	0.65
15	85.0	56	0.66
16	86.0	56	0.65
17	87.0	56	0.64
18	88.0	57	0.65
19	89.0	57	0.64
20	90.0	59	0.66
21	90.0	59	0.66
22	95.0	66	0.69
23	101.0	70	0.69

Lampiran 10. Uji t-test (*Two-Sample Assuming Equal Variances*) panjang relatif usus berdasarkan jenis kelamin

	RLG Jantan	RLG Betina
Mean	0.6701	0.6454
Variance	0.0024	0.0019
Observations	45	23
Pooled Variance	0.0022	
Hypothesized Mean Difference	0	
df	66	
t Stat	2.0387	
P(T<=t) one-tail	0.0227	
t Critical one-tail	1.6683	
P(T<=t) two-tail	0.0455	
t Critical two-tail	1.9966	

Lampiran 11. Uji t-test (*Two-Sample Assuming Equal Variances*) panjang relatif usus berdasarkan ukuran panjang total tubuh

	48 - 66	67 - 84
Mean	0.5386	0.6472
Variance	0.0004	0.0018
Observations	4	21
Pooled Variance	0.0016	
Hypothesized Mean Difference	0	
df	23	
t Stat	-4.9045	
P(T<=t) one-tail	0.0000	
t Critical one-tail	1.7139	
P(T<=t) two-tail	5.91E-05	
t Critical two-tail	2.0687	

	48 - 66	85 - 102
Mean	0.5386	0.6803
Variance	0.0004	0.0009
Observations	4	43
Pooled Variance	0.0009	
Hypothesized Mean Difference	0	
df	45	
t Stat	-9.1215	
P(T<=t) one-tail	4.27E-12	
t Critical one-tail	1.6794	
P(T<=t) two-tail	8.54E-12	
t Critical two-tail	2.0141	

	67 - 84	85 - 102
Mean	0.6472	0.6803
Variance	0.0018	0.0009
Observations	21	43
Pooled Variance	0.0012	
Hypothesized Mean Difference	0	
df	62	
t Stat	-3.5655	
P(T<=t) one-tail	0.0004	
t Critical one-tail	1.6698	
P(T<=t) two-tail	0.0007	
t Critical two-tail	1.9990	