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## LAMPIRAN

Lampiran 1. Hasil analisis Bagian Terbesar (%) jenis makanan ikan selar kuning *Selaroides leptolepis* (Cuvier,1833) jantan

Kelas	Frekuensi	Vol	Vol SCR	Vi	Oi	Vi*Oi	IBT
Appendicularia	2	4	0,0040	1,4184	1,9231	2,7278	0,0647
Bacillariophyceae	20	39	0,0390	13,8298	19,2308	265,9574	6,3097
Chlorophyceae	28	57	0,0570	20,2128	26,9231	544,1899	12,9105
Copepoda	68	141	0,1410	50,0000	65,3846	3269,2308	77,5603
Tubulinea	2	5	0,0050	1,7730	1,9231	3,4097	0,0809
Zygnemophyceae	5	11	0,0110	3,9007	4,8077	18,7534	0,4449
Crustacea	13	25	0,0250	8,8652	12,5000	110,8156	2,6290
<b>Jumlah</b>	<b>104</b>	<b>282</b>	<b>0,2820</b>	<b>100,0000</b>	<b>132,6923</b>	<b>4215,0846</b>	<b>100,0000</b>

Lampiran 2. Hasil analisis Indeks Bagian Terbesar (%) jenis makanan ikan selar kuning *Selaroides leptolepis* (Cuvier,1833) betina

Kelas	Frekuensi	Vol	Vol SRC	Vi	Oi	Vi*Oi	IBT
Appendicularia	5	9	0,0090	2,6946	4,8077	12,9549	0,3171
Bacillariophyceae	33	62	0,0620	18,5629	31,7308	589,0143	14,4186
Chlorophyceae	34	72	0,0720	21,5569	32,6923	704,7444	17,2516
Copepoda	66	139	0,1390	41,6168	63,4615	2641,0640	64,6512
Crustacea	6	11	0,0110	3,2934	5,7692	19,0005	0,4651
Monogononta	11	21	0,0210	6,2874	10,5769	66,5016	1,6279
Tubulinea	9	20	0,0200	5,9880	8,6538	51,8194	1,2685
<b>Jumlah</b>	<b>104</b>	<b>334</b>	<b>0,3340</b>	<b>100,0000</b>	<b>157,6923</b>	<b>4085,0990</b>	<b>100,0000</b>

Lampiran 3. Indeks bagian terbesar (%) jenis makanan ikan selar kuning *Selaroides leptolepis* (Cuvier,1833) berdasarkan jenis kelamin

Kelas	Jenis Kelamin	
	Jantan	Betina
Bacillariophyceae	6,3097	14,4186
Chlorophyceae	12,9105	17,2516
Zygnemophyceae	0,4449	-
Tubulinea	0,0809	1,2685
Monogononta	-	1,6279
Copepoda	77,5603	64,6512
Appendicularia	0,0647	0,3171
Crustacea	2,6290	0,4651

Lampiran 4. Uji T-test (*two-Sample Assuming Equal Variances*) indeks bagian terbesar (%) jenis makanan ikan selar kuning *Selaroides leptolepis* berdasarkan jenis kelamin

	Jantan	Betina
Mean	12,5	12,5
Variance	711,3162526	491,4096301
Observations	8	8
Pooled Variance	601,3629414	
Hypothesized Mean Difference	0	
df	14	
t Stat	-1,44874E-16	
P(T<=t) one-tail	0,5	
t Critical one-tail	1,761310136	
P(T<=t) two-tail	1	
t Critical two-tail	2,144786688	

Lampiran 5. Hasil analisis indeks bagian terbesar (%) jenis makanan ikan selar kuning *Selaroides leptolepis* (Cuvier, 1833) bulan Desember 2022

Kelas	Frekuensi	Volume	Volume SCR	Vi	Oi	Vi*Oi	IBT
Appendicularia	4	7	0,0070	3,8462	3,8462	14,7929	0,5853
Bacillariophyceae	10	22	0,0220	12,0879	9,6154	116,2299	4,5987
Chlorophyceae	29	62	0,0620	34,0659	27,8846	949,9155	37,5836
Copepoda	34	79	0,0790	43,4066	32,6923	1419,0617	56,1455
Crustaceae	5	10	0,0100	5,4945	4,8077	26,4159	1,0452
Zygnemophyceae	1	2	0,0020	1,0989	0,9615	1,0566	0,0418
<b>Jumlah</b>	<b>104</b>	<b>182</b>	<b>0,1820</b>	<b>100,0000</b>	<b>79,8077</b>	<b>2527,4725</b>	<b>100,0000</b>

Lampiran 6. Hasil analisis indeks bagian terbesar (%) jenis makanan ikan selar kuning *Selaroides leptolepis* (Cuvier, 1833) bulan Januari 2023

Kelas	Frekuensi	Volume	Volume SCR	Vi	Oi	Vi*Oi	IBT
Bacillariophyceae	23	41	0,0410	20,0000	22,1154	442,3077	18,9968
Chlorophyceae	28	53	0,0530	25,8537	26,9231	696,0600	29,8952
Copepoda	34	65	0,0650	31,7073	32,6923	1036,5854	44,5205
Crustaceae	9	17	0,0170	8,2927	8,6538	71,7636	3,0822
monogononta	6	13	0,0130	6,3415	5,7692	36,5854	1,5713
Tubulinea	6	16	0,0160	7,8049	5,7692	45,0281	1,9339
<b>Jumlah</b>	<b>104</b>	<b>205</b>	<b>0,2050</b>	<b>100,0000</b>	<b>101,9231</b>	<b>2328,3302</b>	<b>100,0000</b>

Lampiran 7. Hasil analisis indeks bagian terbesar (%) jenis makanan ikan selar kuning *Selaroides leptolepis* (Cuvier, 1833) bulan Februari 2023

Kelas	Frekuensi	Volume	Volume SCR	Vi	Oi	Vi*Oi	IBT
Appendicularia	3	6	0,0060	2,7149	2,8846	7,8315	0,1806
Bacillariophyceae	20	38	0,0380	17,1946	19,2308	330,6648	7,6267
Chlorophyceae	7	14	0,0140	6,3348	6,7308	42,6384	0,9834
Copepoda	66	136	0,1360	61,5385	63,4615	3905,3254	90,0753
Crustacea	5	9	0,0090	4,0724	4,8077	19,5788	0,4516
Monogononta	2	2	0,0020	0,9050	1,9231	1,7403	0,0401
Tubulinea	4	7	0,0070	3,1674	3,8462	12,1824	0,2810
Zygnemophyceae	4	9	0,0090	4,0724	3,8462	15,6631	0,3613
<b>Jumlah</b>	<b>104</b>	<b>221</b>	<b>0,2210</b>	<b>100,0000</b>	<b>106,7308</b>	<b>4335,6248</b>	<b>100,0000</b>

Lampiran 8. Indeks bagian terbesar (%) jenis makanan ikan selar kuning *Selaroides leptolepis* (Cuvier, 1833) berdasarkan waktu pengambilan sampel

Kelas	Waktu Pengambilan Sampel		
	Desember 2022	Januari 2023	Februari 2023
Bacillariophyceae	4,5987	18,9968	7,6267
Chlorophyceae	37,5836	29,8952	0,9834
Zygnemophyceae	0,0418	0,0000	0,3613
Tubulinea	0,0000	1,9339	0,2810
Monogononta	0,0000	1,5713	0,0401
Copepoda	56,1455	44,5205	90,0753
Appendicularia	0,5853	0,0000	0,1806
Crustacea	1,0452	3,0822	0,4516

Lampiran 9. Uji T-test (*two-Sample Assuming Equal Variances*) indeks bagian terbesar (%) jenis makanan ikan selar kuning *Selaroides leptolepis* berdasarkan waktu pengambilan sampel

A) Antara bulan Desember 2022 dan Januari 2023

t-Test: Two-Sample Assuming Equal Variances

	<i>Desember 2022</i>	<i>Januari 2023</i>
Mean	12,5000125	12,4999875
Variance	476,7752096	286,055389
Observations	8	8
Pooled Variance	381,4152993	
Hypothesized Mean Difference	0	
Df	14	
t Stat	2,56018E-06	
P(T<=t) one-tail	0,499998997	
t Critical one-tail	1,761310136	
P(T<=t) two-tail	0,999997993	
t Critical two-tail	2,144786688	

B) Antara bulan Januari 2023 dan Februari 2023

t-Test: Two-Sample Assuming Equal Variances

	<i>Januari 2023</i>	<i>Februari 2023</i>
Mean	12,4999875	12,5
Variance	286,055389	989,0201377
Observations	8	8
Pooled Variance	637,5377634	
Hypothesized Mean Difference	0	
Df	14	
t Stat	-9,90118E-07	
P(T<=t) one-tail	0,499999612	
t Critical one-tail	1,761310136	
P(T<=t) two-tail	0,999999224	
t Critical two-tail	2,144786688	



Lampiran 4. Lanjutan

C) Antara bulan Februari 2023 dan Desember 2022

t-Test: Two-Sample Assuming Equal Variances

	Februari 2023	Desember 2022
Mean	12,5	12,5000125
Variance	989,0201377	476,7752096
Observations	8	8
Pooled Variance	732,8976737	
Hypothesized Mean Difference	0	
Df	14	
t Stat	-9,23461E-07	
P(T<=t) one-tail	0,499999638	
t Critical one-tail	1,761310136	
P(T<=t) two-tail	0,999999276	
t Critical two-tail	2,144786688	

Lampiran 10. Hasil analisis indeks bagian terbesar (%) jenis makanan ikan selar kuning *Selaroides leptolepis* (Cuvier, 1833) kelompok ukuran kecil 220 – 247 mm

Kelas	Frekuensi	Volume	Volume SCR	Vi	Oi	Vi*Oi	IBT
Appendicularia	2	4	0,0040	1,1050	1,9231	2,1249	0,0449
Bacillariophyceae	32	60	0,0600	16,5746	30,7692	509,9873	10,7780
Chlorophyceae	44	93	0,0930	25,6906	42,3077	1086,9103	22,9707
Copepoda	75	152	0,1520	41,9890	72,1154	3028,0493	63,9946
Crustacea	8	13	0,0130	3,5912	7,6923	27,6243	0,5838
Monogononta	7	14	0,0140	3,8674	6,7308	26,0306	0,5501
Tubulinea	9	19	0,0190	5,2486	8,6538	45,4207	0,9599
Zygnemophyceae	3	7	0,0070	1,9337	2,8846	5,5780	0,1179
<b>Jumlah</b>	<b>104</b>	<b>362</b>	<b>0,3620</b>	<b>100,0000</b>	<b>173,0769</b>	<b>4731,7255</b>	<b>100,0000</b>

Lampiran 11. Hasil analisis indeks bagian terbesar (%) jenis makanan ikan selar kuning *Selaroides leptolepis* (Cuvier, 1833) kelompok ukuran sedang 248 – 273 mm

Kelas	Frekuensi	Volume	Volume SCR	Vi	Oi	Vi*Oi	IBT
Appendicularia	2	4	0,0040	3,3058	1,9231	6,3573	0,4564
Bacillariophyceae	10	19	0,0190	15,7025	9,6154	150,9854	10,8386
Chlorophyceae	9	17	0,0170	14,0496	8,6538	121,5830	8,7279
Copepoda	24	53	0,0530	43,8017	23,0769	1010,8074	72,5613
Crustacea	6	15	0,0150	12,3967	5,7692	71,5194	5,1341
Monogononta	4	7	0,0070	5,7851	3,8462	22,2505	1,5973
Tubulinea	2	6	0,0060	4,9587	1,9231	9,5359	0,6845
<b>Jumlah</b>	<b>104</b>	<b>121</b>	<b>0,1210</b>	<b>100,0000</b>	<b>54,8077</b>	<b>1393,0388</b>	<b>100,0000</b>

Lampiran 12. Hasil analisis indeks bagian terbesar (%) jenis makanan ikan selar kuning *Selaroides leptolepis* (Cuvier, 1833) kelompok ukuran besar 274 – 300mm

Kelas	Frekuensi	Volume	Volume SCR	Vi	Oi	Vi*Oi	IBT
Appendicularia	3	5	0,0050	4,0000	2,8846	11,5385	0,4900
Bacillariophyceae	11	22	0,0220	17,6000	10,5769	186,1538	7,9059
Chlorophyceae	9	19	0,0190	15,2000	8,6538	131,5385	5,5864
Copepoda	35	75	0,0750	60,0000	33,6538	2019,2308	85,7563
Zygnemophyceae	2	4	0,0040	3,2000	1,9231	6,1538	0,2614
<b>Jumlah</b>	<b>104</b>	<b>125</b>	<b>0,1250</b>	<b>100,0000</b>	<b>57,6923</b>	<b>2354,6154</b>	<b>100,0000</b>

Lampiran 13. Indeks bagian terbesar (%) jenis makanan ikan selar kuning *Selaroides leptolepis* (Cuvier,1833) berdasarkan ukuran panjang total tubuh

Kelas	Panjang Total Tubuh (mm)		
	220 - 247 mm	248 – 273 mm	274 - 300 mm
Bacillariophyceae	10,7780	10,8386	7,9059
Chlorophyceae	22,9707	8,7279	5,5864
Zygnemophyceae	0,1179	0,0000	0,2614
Tubulinea	0,9599	0,6845	0,0000
Monogononta	0,5501	1,5973	0,0000
Copepoda	63,9946	72,5613	85,7563
Appendicularia	0,0449	0,4564	0,4900
Crustacea	0,5838	5,1341	0,0000

Lampiran 14. Uji T-test (*two-Sample Assuming Equal Variances*) indeks bagian terbesar (%) jenis makanan ikan selar kuning *Selaroides leptolepis* (Cuvier, 1833), berdasarkan ukuran panjang total tubuh

A) Antara kelompok ukuran kecil dan sedang

t-Test: Two-Sample Assuming Equal Variances

	Kecil	Sedang
Mean	12,4999875	12,5000125
Variance	498,6729184	605,4826339
Observations	8	8
Pooled Variance	552,0777761	
Hypothesized Mean Difference	0	
Df	14	
t Stat	-2,12799E-06	
P(T<=t) one-tail	0,499999166	
t Critical one-tail	1,761310136	
P(T<=t) two-tail	0,999998332	
t Critical two-tail	2,144786688	

Lanjutan lampiran 14.

B) Antara kelompok ukuran sedang dan besar

t-Test: Two-Sample Assuming Equal Variances

	<i>Sedang</i>	<i>Besar</i>
Mean	12,5000125	12,5
Variance	605,4826339	885,4517913
Observations	8	8
Pooled Variance	745,4672126	
Hypothesized Mean Difference	0	
Df	14	
t Stat	9,15642E-07	
P(T<=t) one-tail	0,499999641	
t Critical one-tail	1,761310136	
P(T<=t) two-tail	0,999999282	
t Critical two-tail	2,144786688	

C) Antara kelompok ukuran besar dan kecil

t-Test: Two-Sample Assuming Equal Variances

	<i>Besar</i>	<i>Kecil</i>
Mean	12,5	12,4999875
Variance	885,4517913	498,6729184
Observations	8	8
Pooled Variance	692,0623549	
Hypothesized Mean Difference	0	
Df	14	
t Stat	9,50315E-07	
P(T<=t) one-tail	0,499999628	
t Critical one-tail	1,761310136	
P(T<=t) two-tail	0,999999255	
t Critical two-tail	2,144786688	

Lampiran 15. Uji T-test (*two-Sample Assuming Equal Variances*) panjang relatif usus ikan selar kuning *Selaroides leptolepis* (Cuvier, 1833) berdasarkan jenis kelamin

t-Test: Two-Sample Assuming Equal Variances

	<i>Jantan</i>	<i>Betina</i>
Mean	0,293333333	0,325666667
Variance	0,033504573	0,038477343
Observations	3	3
Pooled Variance	0,035990958	
Hypothesized Mean Difference	0	
Df	4	
t Stat	-0,208736984	
P(T<=t) one-tail	0,422426138	
t Critical one-tail	2,131846786	
P(T<=t) two-tail	0,844852275	
t Critical two-tail	2,776445105	

Lampiran 16. Uji T-test (*two-Sample Assuming Equal Variances*) panjang relatif usus ikan selar kuning *Selaroides leptolepis* (Cuvier, 1833) berdasarkan waktu pengambilan sampel

A) Antara bulan Desember 2022 dan Januari 2023

t-Test: Two-Sample Assuming Equal Variances

	Desember 2022	Januari 2023
Mean	0,3968	0,260066667
Variance	0,05360896	0,033059063
Observations	3	3
Pooled Variance	0,043334012	
Hypothesized Mean Difference	0	
Df	4	
t Stat	0,80446209	
P(T<=t) one-tail	0,233111207	
t Critical one-tail	2,131846786	
P(T<=t) two-tail	0,466222414	
t Critical two-tail	2,776445105	

B) Antara bulan Januari 2023 dan Februari 2023

t-Test: Two-Sample Assuming Equal Variances

	Januari 2023	Februari 2023
Mean	0,260066667	0,261666667
Variance	0,033059063	0,031868223
Observations	3	3
Pooled Variance	0,032463643	
Hypothesized Mean Difference	0	
Df	4	
t Stat	-0,010875945	
P(T<=t) one-tail	0,495921621	
t Critical one-tail	2,131846786	
P(T<=t) two-tail	0,991843243	
t Critical two-tail	2,776445105	

C) Antara bulan Februari 2023 dan Januari 2022

t-Test: Two-Sample Assuming Equal Variances

	Februari 2023	Januari 2022
Mean	0,261666667	0,3968
Variance	0,031868223	0,05360896
Observations	3	3
Pooled Variance	0,042738592	
Hypothesized Mean Difference	0	
Df	4	
t Stat	-0,800567611	
P(T<=t) one-tail	0,234116732	
t Critical one-tail	2,131846786	
P(T<=t) two-tail	0,468233465	
t Critical two-tail	2,776445105	

Lampiran 17. Uji T-test (*two-Sample Assuming Equal Variances*) panjang relatif usus ikan selar kuning *Selaroides leptolepis* (Cuvier, 1833) berdasarkan ukuran panjang total tubuh

A) Antara kelompok ukuran kecil dan sedang

t-Test: Two-Sample Assuming Equal Variances

	<i>Kecil</i>	<i>Sedang</i>
Mean	0,318933333	0,301133333
Variance	0,036128573	0,038013243
Observations	3	3
Pooled Variance	0,037070908	
Hypothesized Mean Difference	0	
Df	4	
t Stat	0,113226744	
P(T<=t) one-tail	0,457652997	
t Critical one-tail	2,131846786	
P(T<=t) two-tail	0,915305994	
t Critical two-tail	2,776445105	

B) Antara kelompok ukuran sedang dan besar

t-Test: Two-Sample Assuming Equal Variances

	<i>Sedang</i>	<i>Besar</i>
Mean	0,301133333	0,3264
Variance	0,038013243	0,03672004
Observations	3	3
Pooled Variance	0,037366642	
Hypothesized Mean Difference	0	
df	4	
t Stat	-0,160085334	
P(T<=t) one-tail	0,440286371	
t Critical one-tail	2,131846786	
P(T<=t) two-tail	0,880572741	
t Critical two-tail	2,776445105	

C) Antara kelompok besar dan kecil

t-Test: Two-Sample Assuming Equal Variances

	<i>Besar</i>	<i>Kecil</i>
Mean	0,3264	0,318933333
Variance	0,03672004	0,036128573
Observations	3	3
Pooled Variance	0,036424307	
Hypothesized Mean Difference	0	
df	4	
t Stat	0,04791558	
P(T<=t) one-tail	0,482040247	
t Critical one-tail	2,131846786	
P(T<=t) two-tail	0,964080494	
t Critical two-tail	2,776445105	

Lampiran 18. Klasifikasi jenis-jenis makanan yang ditemukan pada usus ikan selar kuning *Selaroides leptolepis* (Cuvier, 1833)

Chromista (Kingdom)	Chromista (Kingdom)
Bacillariophyta (Phylum)	Bacillariophyta (Phylum)
Bacillariophytina (Subphylum)	Bacillariophytina (Subphylum)
Bacillariophyceae (Class)	Bacillariophyceae (Class)
Fragilariophycidae (Subclass)	Fragilariophycidae (Subclass)
Fragilariophycanae (Superorder)	Fragilariophycanae (Superorder)
Thalassionematales (Order)	Fragilariales (Order)
Thalassionemataceae (Family)	Fragilariaceae (Family)
<i>Thalassiothrix</i> (Genus)	<i>Synedra</i> (Genus)
<i>Thalassiothrix</i> sp. (spesies)	<i>Synedra</i> sp. (spesies)
Chromista (Kingdom)	Plantae (Kingdom)
Bacillariophyta (Phylum)	Viridiplantae (Subkingdom)
Bacillariophytina (Subphylum)	Chlorophyta (nfrakingdom)
Bacillariophyceae (Class)	Chlorophyta (Phylum)
Bacillariophycidae (Subclass)	Chlorophytina (Subphylum)
Bacillariophycanae (Superorder)	Chlorophyceae (Class)
Naviculales (Order)	Sphaeropleales (Order)
Pinnulariaceae (Family)	Schroederiaceae (Family)
<i>Pinnularia</i> (Genus)	Schroederia (Genus)
<i>Pinnularia</i> sp. (spesies)	<i>Schroederia segitera</i> (Spesies)
	<i>Selenastrum</i> (Genus)
	<i>Selenastrum gracile</i> (Spesies)
Plantae (Kingdom)	
Viridiplantae (Subkingdom)	
Streptophyta (Infrakingdom)	
Charophyta (Phylum (Division))	
Zygnematophyceae (Class)	
Zygnematophycidae (Subclass)	
Desmidiiales (Order)	
Closteriaceae (Family)	
<i>Closterium</i> (Genus)	
<i>Closterium gracile</i> (Spesies)	

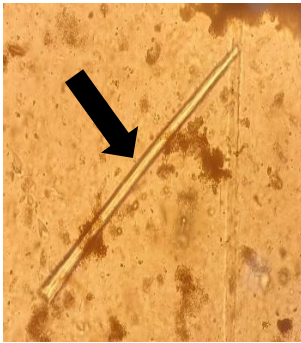
Protozoa (Kingdom)  
Sarcomastigota (Subkingdom)  
Amoebozoa (Phylum)  
Lobosa (Subphylum)  
Tubulinea (Class)  
Arcellinida (Order)  
Arcellina (Suborder)  
Arcellidae (Family)  
*Arcella* (Genus)  
*Arcella vulgaris* (Species)

Animalia (Kingdom)  
Rotifera (Phylum)  
Eurotatoria (Class)  
Monogononta (Subclass)  
Pseudotrocha (Superorder)  
Ploima (Order)  
Brachionidae (Family)  
*Brachionus* (Genus)  
*Branchionus quadridentatus* (Species)  
*Keratella* (Genus)  
*Keratella cochlearis* (Species)

Animalia (Kingdom)  
Arthropoda (Phylum)  
Crustacea (Subphylum)  
Multicrustacea (Superclass)  
Copepoda (Class)  
Neocopepoda (Infraclass)  
Podoplea (Superorder)  
Cyclopoida (Order)  
Ergasilida (Suborder)  
Oncaeidae (Family)  
*Oncaea* (Genus)  
*Oncaea venusta* (Species)  
Neocopepoda (Infraclass)  
Gymnoplea (Superorder)  
Calanoida (Order)  
Acartiidae (Family)  
*Acartia* (Genus)  
*Acartia* sp. (Species)  
Neocopepoda (Infraclass)  
Podoplea (Superorder)  
Cyclopoida (Order)

Animalia (Kingdom)  
Chordata (Phylum)  
Tunicata (Subphylum)  
Appendicularia (Class)  
Copelata (Order)  
Oikopleuridae (Family)  
Oikopleurinae (Subfamily)  
Labiata (Tribe)  
*Oikopleura* (Genus)  
*Oikopleura (Vexillaria)* (Subgenus)  
*Oikopleura* sp. (Species)

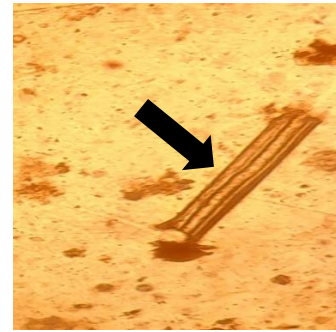
Lampiran 19. Gambar jenis-jenis makanan yang ditemukan pada usus ikan selar kuning *Selaroides leptolepis* (Cuvier, 1833)



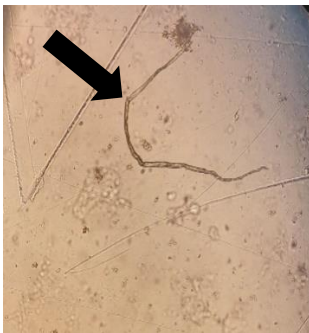
*Synedra* sp.



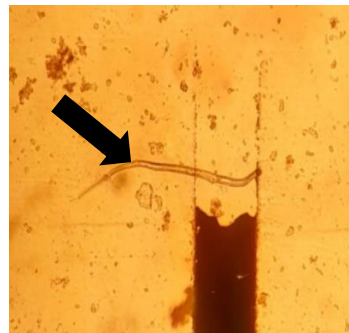
*Thalassiothrix* sp.



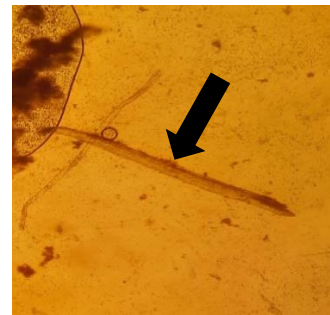
*Pinnularia* sp.



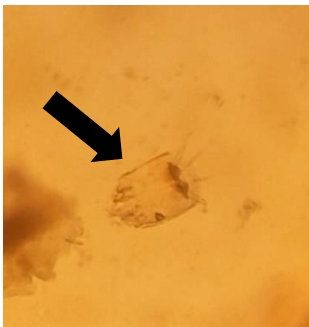
*Schroederia segitera*



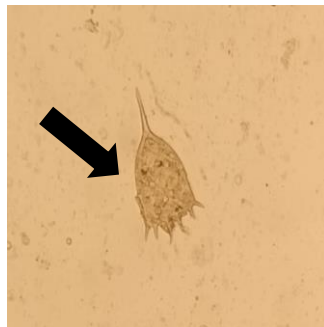
*Selenastrum gracile*



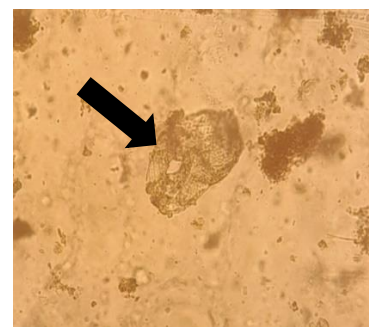
*Closterium gracile*



*Branchionus quadridentatus*

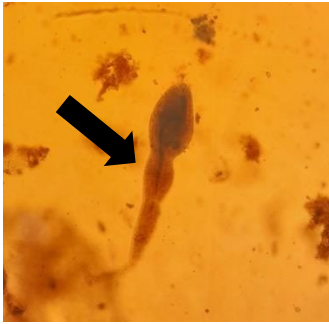


*Keretella cochlearis*

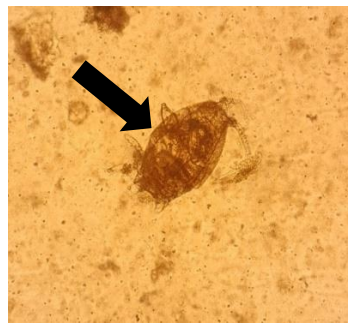


*Arcella discoides*





*Onchocerca venusta*



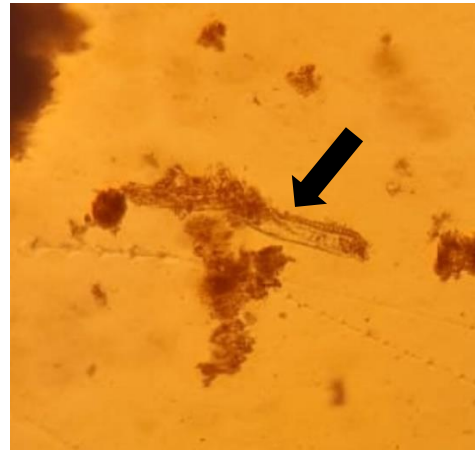
*Nauplius copepod*



*Acartia sp.*



*Oikopleura sp.*



Bagian tubuh kepiting



*Cyclopoid sp.*



Bagian tubuh udang