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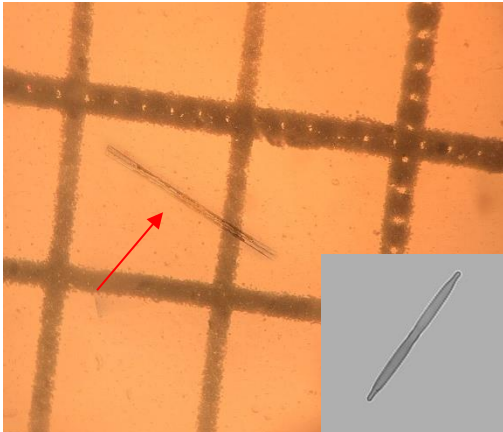
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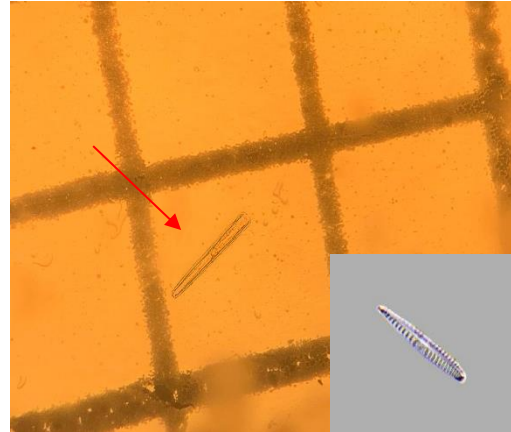
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LAMPIRAN

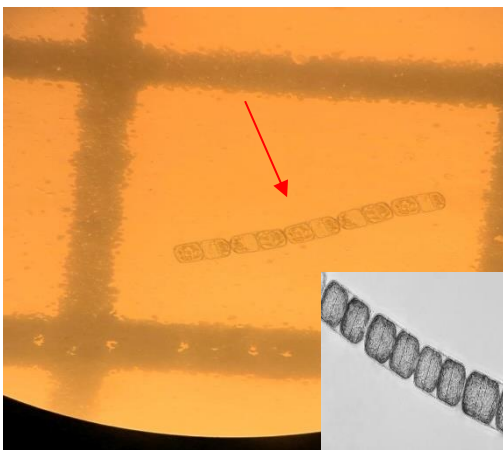
Lampiran 1. Gambar dan klasifikasi jenis makanan ikan bungo (*Glossogobius giuris*) (Buchanan, 1822)



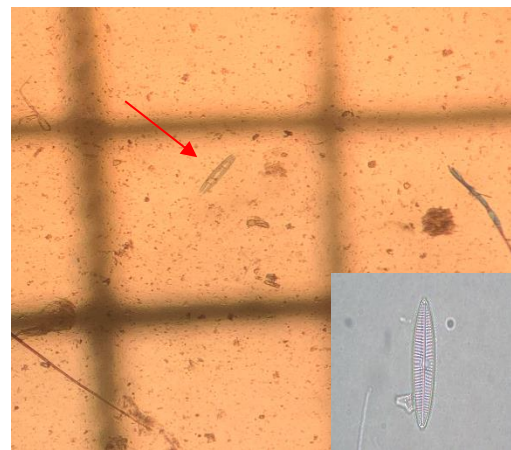
Fragilaria capucina



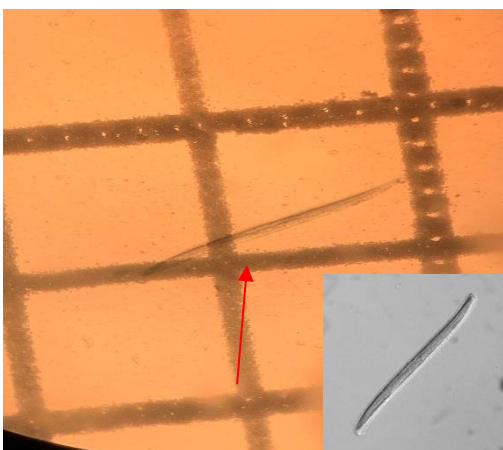
Gomphonema acuminatum



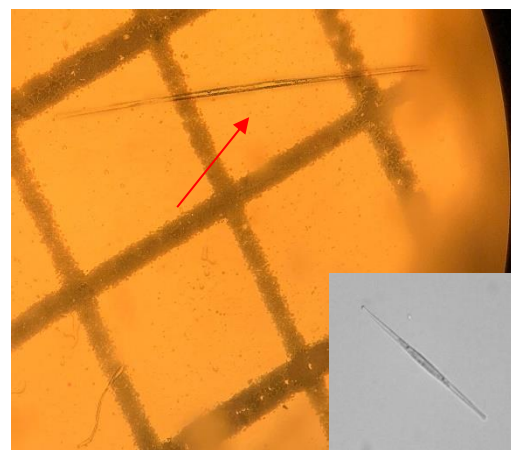
Melosira nummuloides



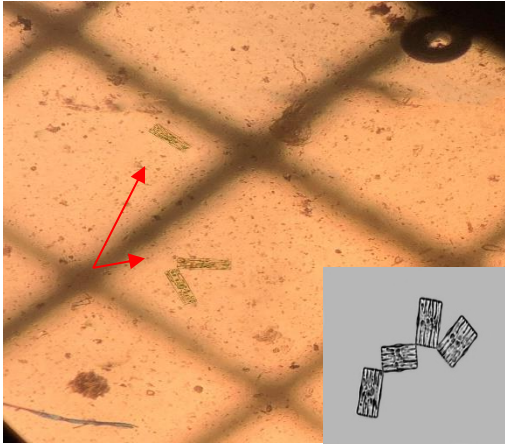
Navicula tripunctata



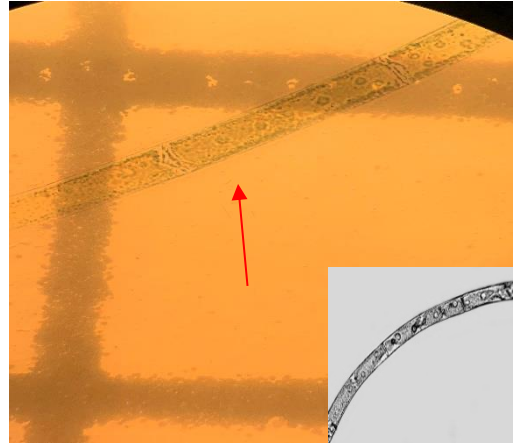
Nitzschia sigmoidea



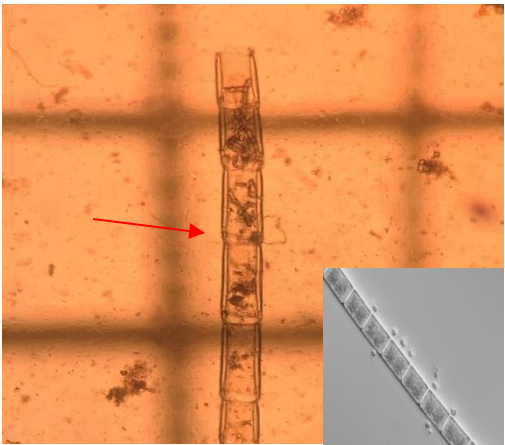
Synedra acus



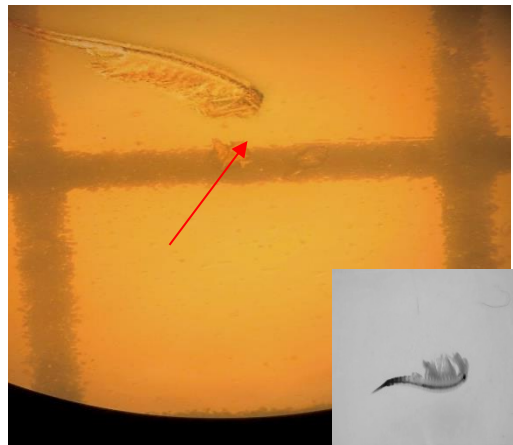
Tabellaria sp



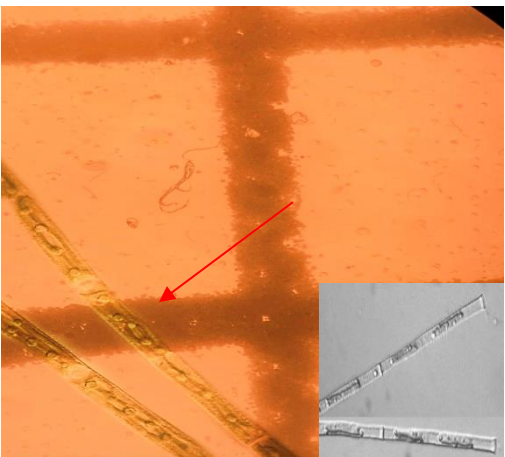
Mougeotia sp



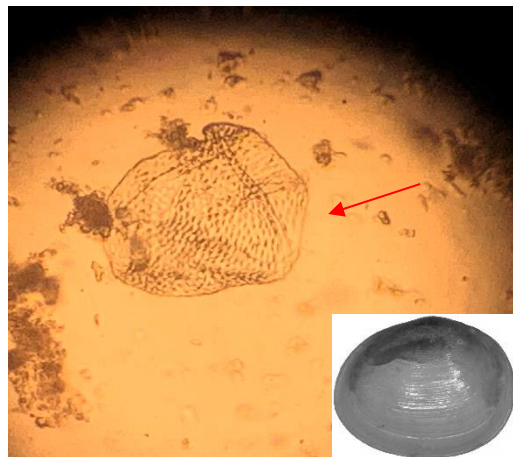
Zygnema stellinum



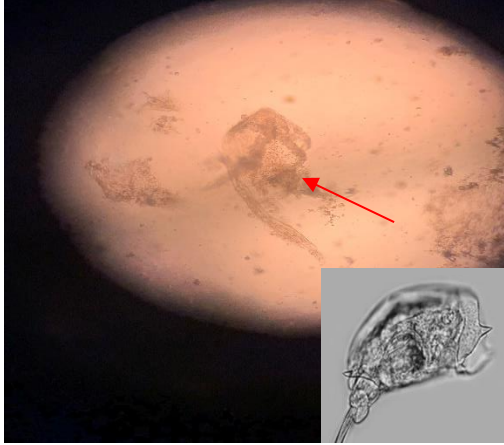
Eubranchipus vernalis



Gonatozygon aculeatum



Pisidium sp



Mytilina ventralis

Lampiran 1. Lanjutan

Kingdom	: Chromista	Order	: Bacillariales
Phylum	: Ochrophyta	Family	: Bacillariaceae
Class	: Bacillariophyceae	Genus	: Nitzschia
Order	: Fragilariales	Species	: <i>N. sigmoidea</i>
Family	: Fragilariaceae	Kingdom	: Chromista
Genus	: Fragilaria	Phylum	: Ochrophyta
Species	: <i>F. capucina</i>	Class	: Bacillariophyceae
Kingdom	: Chromista	Order	: Fragilariales
Phylum	: Ochrophyta	Family	: Fragilariaceae
Class	: Bacillariophyceae	Genus	: Synedra
Order	: Cymbellales	Species	: <i>S. acus</i>
Family	: Gomphonemataceae	Kingdom	: Chromista
Genus	: Gomphonema	Phylum	: Ochrophyta
Species	: <i>G. acuminatum</i>	Class	: Bacillariophyceae
Kingdom	: Chromista	Order	: Tabellariales
Phylum	: Ochrophyta	Family	: Tabellariaceae
Class	: Bacillariophyceae	Genus	: Tabellaria
Order	: Melosirales	Species	: <i>Tabellaria sp</i>
Family	: Melosiraceae	Kingdom	: Plantae
Genus	: Melosira	Phylum	: Charophyta
Species	: <i>M. nummuloides</i>	Class	: Conjugatophyceae
Kingdom	: Chromista	Order	: Zygnematales
Phylum	: Ochrophyta	Family	: Zygnemataceae
Class	: Bacillariophyceae	Genus	: Mougeotia
Order	: Naviculales	Species	: <i>Mougeotia sp</i>
Family	: Naviculaceae	Kingdom	: Plantae
Genus	: Navicula	Phylum	: Charophyta
Species	: <i>N. tripunctata</i>	Class	: Conjugatophyceae
Kingdom	: Chromista	Order	: Zygnematales
Phylum	: Ochrophyta	Family	: Zygnemataceae
Class	: Bacillariophyceae	Genus	: Zygnema
		Species	: <i>Z. stellinum</i>

Kingdom : Animalia
Phylum : Arthropoda
Class : Brachiopoda
Order : Anostraca
Family : Chirocephalidae
Genus : Eubbranchipus
Species : *E. vernalis*

Kingdom : Animalia
Phylum : Mollusca
Class : Bivalvia
Order : Sphaeriida
Family : Sphaeriidae
Genus : Pisidium
Species : *Pisidium sp*

Kingdom : Plantae
Phylum : Charophyta
Class : Conjugatophyceae
Order : Desmidiiales
Family : Gonatozygaceae
Genus : Gonatozygon
Species : *G. aculeatum*

Kingdom : Animalia
Phylum : Rotifera
Class : Eurotatoria
Order : Ploima
Family : Mytilinidae
Genus : Mytilina
Species : *M. ventralis*

Lampiran 2. Indeks Bagian Terbesar (%) jenis makanan ikan bungo, *Glossogobius giuris* (Buchanan, 1822) jantan pada bulan Agustus 2020

Jenis	Kelas	Vi	Oi	Vi*Oi	IBT
Fitoplankton	Bacillariophyceae	79.7042	64.5722	5146.6743	96.2880
	Conjugatophyceae	3.6702	7.6203	27.9683	0.5233
Zooplankton	Bivalvia	3.4511	4.8128	16.6096	0.3107
	Brachiopoda	8.3539	12.1658	101.6314	1.9014
	Eurotatoria	4.8206	10.8289	52.2017	0.9766

Lampiran 3. Indeks Bagian Terbesar (%) jenis makanan ikan bungo, *Glossogobius giuris* (Buchanan, 1822) jantan pada bulan September 2020

Jenis	Kelas	Vi	Oi	Vi*Oi	IBT
Fitoplankton	Bacillariophyceae	83.0469	74.0883	6152.8038	96.7801
	Conjugatophyceae	10.4970	15.9309	167.2264	2.6304
Zooplankton	Bivalvia	0.2322	0.1919	0.0446	0.0007
	Brachiopoda	5.2485	6.5259	34.2512	0.5388
	Eurotatoria	0.9754	3.2630	3.1826	0.0501

Lampiran 4. Indeks Bagian Terbesar (%) jenis makanan ikan bungo, *Glossogobius giuris* (Buchanan, 1822) jantan pada bulan Oktober 2020

Jenis	Kelas	Vi	Oi	Vi*Oi	IBT
Fitoplankton	Bacillariophyceae	95.1473	89.9371	8557.2741	99.7341
	Conjugatophyceae	3.1774	5.9748	18.9842	0.2213
Zooplankton	Brachiopoda	1.2709	2.5157	3.1973	0.0373
	Eurotatoria	0.4044	1.5723	0.6358	0.0074

Lampiran 5. Indeks Bagian Terbesar (%) jenis makanan ikan bungo, *Glossogobius giuris* (Buchanan, 1822) betina pada bulan Agustus 2020

Jenis	Kelas	Vi	Oi	Vi*Oi	IBT
Fitoplankton	Bacillariophyceae	75.3456	62.5654	4714.0324	94.5927
	Conjugatophyceae	3.6866	4.9738	18.3367	0.3679
Zooplankton	Bivalvia	4.9539	6.0209	29.8272	0.5985
	Brachiopoda	10.8295	14.9215	161.5919	3.2425
	Eurotatoria	5.1843	11.5183	59.7148	1.1982

Lampiran 6. Indeks Bagian Terbesar (%) jenis makanan ikan bungo, *Glossogobius giuris* (Buchanan, 1822) betina pada bulan September 2020

Jenis	Kelas	Vi	Oi	Vi*Oi	IBT
Fitoplankton	Bacillariophyceae	84.8850	77.7778	6602.1662	98.0351
	Conjugatophyceae	6.9003	10.2564	70.7726	1.0509
Zooplankton	Brachiopoda	7.0099	8.1197	56.9176	0.8452
	Eurotatoria	1.2048	3.8462	4.6339	0.0688

Lampiran 7. Indeks Bagian Terbesar (%) jenis makanan ikan bungo, *Glossogobius giuris* (Buchanan, 1822) betina pada bulan Oktober 2020

Jenis	Kelas	Vi	Oi	Vi*Oi	IBT
Fitoplankton	Bacillariophyceae	88.7173	81.5476	7234.6878	98.9567
	Conjugatophyceae	5.8195	7.7381	45.0317	0.6159
Zooplankton	Brachiopoda	3.5629	6.5476	23.3288	0.3191
	Eurotatoria	1.9002	4.1667	7.9177	0.1083

Lampiran 8. Uji *t*-test (Two-Sample Assuming Equal Variances) Indeks Bagian Terbesar (IBT) berdasarkan waktu pengambilan sampel ikan bungo, *Glossogobius giurus* (Buchanan, 1822)

Bulan Agustus		
	<i>IBT Jantan</i>	<i>IBT Betina</i>
Mean	16.66666667	16.66666667
Variance	1531.474489	1464.97513
Observations	6	6
Pooled Variance	1498.224809	
Hypothesized Mean Difference	0	
Df	10	
t Stat	0	
P(T<=t) one-tail	0.5	
t Critical one-tail	1.812461123	
P(T<=t) two-tail	1	
t Critical two-tail	2.228138852	

Bulan September		
	<i>IBT Jantan</i>	<i>IBT Betina</i>
Mean	20	20
Variance	1843.400343	1919.779173
Observations	5	5
Pooled Variance	1881.589758	
Hypothesized Mean Difference	0	
Df	8	
t Stat	-2.5899879	
P(T<=t) one-tail	0.5	
t Critical one-tail	1.859548038	
P(T<=t) two-tail	1	
t Critical two-tail	2.306004135	

Bulan Oktober		
	<i>IBT Jantan</i>	<i>IBT Betina</i>
Mean	25	25
Variance	2482.311454	2430.971
Observations	4	4
Pooled Variance	2456.641353	
Hypothesized Mean Difference	0	
Df	6	
t Stat	0	
P(T<=t) one-tail	0.5	
t Critical one-tail	1.943180281	
P(T<=t) two-tail	1	
t Critical two-tail	2.446911851	

Lampiran 9. Indeks Bagian Terbesar (%) jenis makanan ikan bungo, *Glossogobius giuris* (Buchanan, 1822) jantan ukuran kecil

Jenis	Kelas	Vi	Oi	Vi*Oi	IBT
Fitoplankton	Bacillariophyceae	83.8006	72.6496	6088.0757	97.9138
	Conjugatophyceae	5.7915	10.1787	58.9501	0.9481
Zooplankton	Bivalvia	1.7794	2.4087	4.2861	0.0689
	Brachiopoda	5.8083	8.3139	48.2896	0.7766
	Eurotatoria	2.8202	6.4491	18.1878	0.2925

Lampiran 10. Indeks Bagian Terbesar (%) jenis makanan ikan bungo, *Glossogobius giuris* (Buchanan, 1822) jantan ukuran sedang

Jenis	Kelas	Vi	Oi	Vi*Oi	IBT
Fitoplankton	Bacillariophyceae	85.0949	72.4382	6164.1146	98.1029
	Conjugatophyceae	4.5393	9.5406	43.3078	0.6893
Zooplankton	Bivalvia	1.6938	2.1201	3.5910	0.0572
	Brachiopoda	6.2331	8.8339	55.0624	0.8763
	Eurotatoria	2.4390	7.0671	17.2369	0.2743

Lampiran 11. Indeks Bagian Terbesar (%) jenis makanan ikan bungo, *Glossogobius giuris* (Buchanan, 1822) jantan ukuran besar

Jenis	Kelas	Vi	Oi	Vi*Oi	IBT
Fitoplankton	Bacillariophyceae	95.0980	88.2353	8391.0035	99.6575
	Conjugatophyceae	2.9412	5.8824	17.3010	0.2055
Zooplankton	Brachiopoda	1.9608	5.8824	11.5340	0.1370

Lampiran 12. Indeks Bagian Terbesar (%) jenis makanan ikan bungo, *Glossogobius giuris* (Buchanan, 1822) betina ukuran kecil

Jenis	Kelas	Vi	Oi	Vi*Oi	IBT
Fitoplankton	Bacillariophyceae	80.4117	70.2247	5646.8896	97.0464
	Conjugatophyceae	5.0499	7.1629	36.1717	0.6216
Zooplankton	Bivalvia	2.4767	2.9494	7.3048	0.1255
	Brachiopoda	8.5236	11.7978	100.5598	1.7282
	Eurotatoria	3.5381	7.8652	27.8279	0.4782

Lampiran 13. Indeks Bagian Terbesar (%) jenis makanan ikan bungo, *Glossogobius giuris* (Buchanan, 1822) betina ukuran sedang

Jenis	Kelas	Vi	Oi	Vi*Oi	IBT
Fitoplankton	Bacillariophyceae	82.9897	73.6842	6115.0298	98.0213
	Conjugatophyceae	1.5464	2.6316	4.0695	0.0652
Zooplankton	Bivalvia	4.6392	5.2632	24.4167	0.3914
	Brachiopoda	7.2165	7.8947	56.9723	0.9132
	Eurotatoria	3.6082	10.5263	37.9816	0.6088

Lampiran 14. Indeks Bagian Terbesar (%) jenis makanan ikan bungo, *Glossogobius giuris* (Buchanan, 1822) betina ukuran besar

Jenis	Kelas	Vi	Oi	Vi*Oi	IBT
Fitoplankton	Bacillariophyceae	91.3514	88.2353	8060.4134	98.7534
	Conjugatophyceae	8.6486	11.7647	101.7488	1.2466

Lampiran 15. Uji *t*-test (Two-Sample Assuming Equal Variances) Indeks Bagian Terbesar (IBT) berdasarkan kelompok kelas ukuran sampel ikan bungo, *Glossogobius giurus* (Buchanan, 1822)

Ukuran kecil		
	<i>IBT Jantan</i>	<i>IBT Betina</i>
Mean	16.66666667	16.66666667
Variance	1592.908208	1561.30298
Observations	6	6
Pooled Variance	1577.105594	
Hypothesized Mean Difference	0	
Df	10	
t Stat	0	
P(T<=t) one-tail	0.5	
t Critical one-tail	1.812461123	
P(T<=t) two-tail	1	
t Critical two-tail	2.228138852	
Ukuran sedang		
	<i>IBT Jantan</i>	<i>IBT Betina</i>
Mean	16.66666667	20
Variance	1599.618233	1902.384784
Observations	6	5
Pooled Variance	1734.181145	
Hypothesized Mean Difference	0	
Df	9	
t Stat	-0.13218915	
P(T<=t) one-tail	0.448871402	
t Critical one-tail	1.833112933	
P(T<=t) two-tail	0.897742803	
t Critical two-tail	2.262157163	
Ukuran besar		
	<i>IBT Jantan</i>	<i>IBT Betina</i>
Mean	33.33333333	50
Variance	3299.175893	4753.78971
Observations	3	2
Pooled Variance	3784.047165	
Hypothesized Mean Difference	0	
Df	3	
t Stat	-0.29679809	
P(T<=t) one-tail	0.392991647	
t Critical one-tail	2.353363435	
P(T<=t) two-tail	0.785983294	
t Critical two-tail	3.182446305	

Lampiran 16. Alat pencernaan ikan bungo (*Glossogobius giuris*, Buchanan 1822)



Lampiran 17. Uji *t*-test (Two-Sample Assuming Equal Variances) Panjang Relatif Usus berdasarkan waktu pengamatan sampel ikan bungo, *Glossogobius giuris* (Buchanan, 1822)

Bulan Agustus		
	<i>RLG Jantan</i>	<i>RLG Betina</i>
Mean	0.556666394	0.680735335
Variance	0.024995128	0.035679505
Observations	70	34
Pooled Variance	0.028451838	
Hypothesized Mean Difference	0	
Df	102	
t Stat	3.518679572	
P(T<=t) one-tail	0.000324685	
t Critical one-tail	1.659929976	
P(T<=t) two-tail	0.00064937	
t Critical two-tail	1.983495259	

Bulan September		
	<i>RLG Jantan</i>	<i>RLG Betina</i>
Mean	0.507006147	0.51661846
Variance	0.036809664	0.042204117
Observations	55	23
Pooled Variance	0.038371216	
Hypothesized Mean Difference	0	
Df	76	
t Stat	0.197616439	
P(T<=t) one-tail	0.421936383	
t Critical one-tail	1.665151353	
P(T<=t) two-tail	0.843872767	
t Critical two-tail	1.99167261	

Bulan Oktober		
	<i>RLG Jantan</i>	<i>RLG Betina</i>
Mean	0.532158068	0.443250223
Variance	0.029572088	0.039791583
Observations	36	18
Pooled Variance	0.032913077	
Hypothesized Mean Difference	0	
Df	52	
t Stat	1.69764337	
P(T<=t) one-tail	0.047776457	
t Critical one-tail	1.674689154	
P(T<=t) two-tail	0.095552913	
t Critical two-tail	2.006646805	

Lampiran 18. Uji *t*-test (Two-Sample Assuming Equal Variances) Panjang Relatif Usus berdasarkan kelas ukuran sampel ikan bungo, *Glossogobius giurus* (Buchanan, 1822)

Ukuran kecil		
	<i>RLG Jantan</i>	<i>RLG Betina</i>
Mean	0.536375447	0.600010069
Variance	0.02659617	0.043048989
Observations	131	67
Pooled Variance	0.032136405	
Hypothesized Mean Difference	0	
Df	196	
t Stat	2.363389365	
P(T<=t) one-tail	0.009543639	
t Critical one-tail	1.652665059	
P(T<=t) two-tail	0.019087279	
t Critical two-tail	1.972141222	
Ukuran sedang		
	<i>RLG Jantan</i>	<i>RLG Betina</i>
Mean	0.54628599	0.494956493
Variance	0.043170531	0.032266387
Observations	28	4
Pooled Variance	0.042080117	
Hypothesized Mean Difference	0	
Df	30	
t Stat	0.468125784	
P(T<=t) one-tail	0.321538986	
t Critical one-tail	1.697260887	
P(T<=t) two-tail	0.643077973	
t Critical two-tail	2.042272456	
Ukuran besar		
	<i>RLG Jantan</i>	<i>RLG Betina</i>
Mean	0.224242424	0.20630735
Variance	0.003599633	0.001340365
Observations	2	4
Pooled Variance	0.001905182	
Hypothesized Mean Difference	0	
Df	4	
t Stat	0.474465134	
P(T<=t) one-tail	0.329955064	
t Critical one-tail	2.131846786	
P(T<=t) two-tail	0.659910128	
t Critical two-tail	2.776445105	