LAMPIRAN

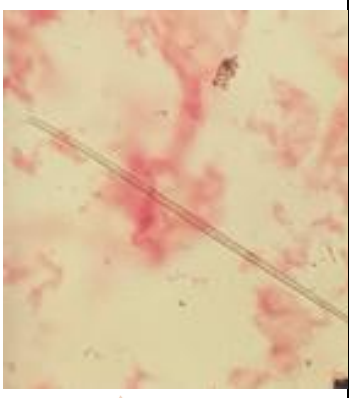
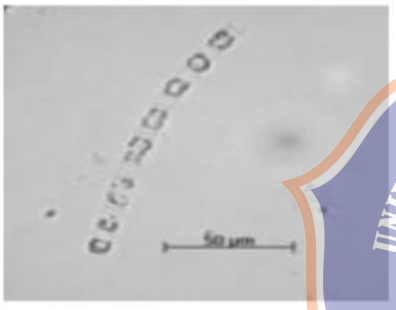
Lampiran 1. Tabel Daftar Komposisi Taksonomi dan Jenis Fitoplankton

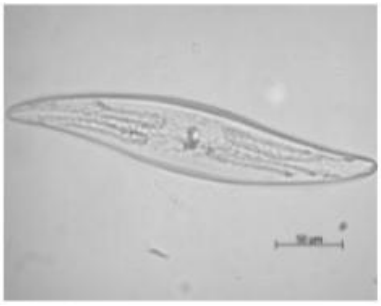
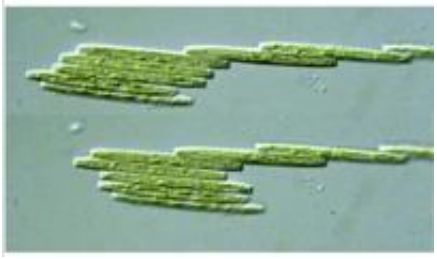
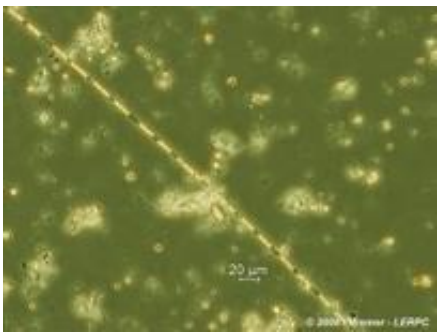
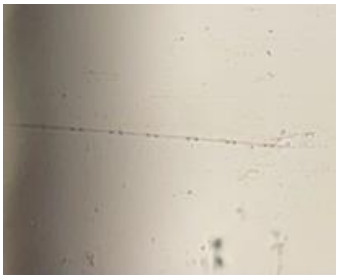
No	Kelas Taksonomi	Spesies Fitoplankton	Status	St. 1 (Muara)	St. 2 (Tengah)	St. 3 (KJA)	St. 4 (Luar)	Total (N)	Komposisi (%)
I	**Bacillariophyceae**								
1		*Skeletonema* sp.	+	40	67	100	61	268	3.30%
2		*Cyclotella* sp.	+	30	48	76	64	218	2.69%
3		*Pleurosigma* sp.	+	21	33	48	30	132	1.63%
4		*Bacillaria* cf. *paradoxa*	+	24	39	58	34	155	1.91%
5		*Striatella* sp.	+	0	27	51	0	78	0.96%
6		*Leptocylindrus minimus*	+	55	76	106	70	307	3.78%
7		*Aulacoseira* sp.	+	18	30	42	24	114	1.40%
8		*Navicula* sp.	+	27	37	54	34	152	1.87%
9		*Bacteriastrum hyalinum*	+	24	45	66	42	177	2.18%
10		*Melosira moniliformis*	+	21	33	57	30	141	1.74%
11		*Chaetoceros decipiens*	+	58	79	108	85	330	4.07%
12		*Chaetoceros* sp.	+	40	64	91	58	253	3.12%
13		*Chaetoceros seiracanthus*	+	21	30	48	33	132	1.63%
14		*Chaetoceros peruvianus*	+	18	33	54	0	105	1.29%
15		*Chaetoceros contortus*	+	27	42	58	40	167	2.06%
16		*Chaetoceros affinis*	+	49	70	0	94	213	2.63%
17		*Chaetoceros curvisetus*	+	43	73	96	84	296	3.65%
18		*Chaetoceros elegans*	+	15	0	42	27	84	1.04%
19		*Bacteriastrum* sp.	+	37	61	88	0	186	2.29%
20		*Asteromphalus* sp.	+	18	31	45	24	118	1.45%
21		*Trieres mobiliensis*	+	21	33	54	36	144	1.77%
22		*Thalassiosira hendeyi*	+	18	30	48	27	123	1.52%
23		*Ditylum brightwellii*	+	21	0	58	0	79	0.97%
24		*Fragilaria striatula*	+	0	24	39	18	81	1.00%
25		*Thalassionema* sp.	+	15	33	45	27	120	1.48%
26		*Lauderia annulata*	+	18	30	51	24	123	1.52%
27		*Thalassiosira* sp.	+	0	27	45	0	72	0.89%
28		*Proboscia alata*	+	43	61	96	64	264	3.25%
29		*Pseudo-nitzschia australis*	+	37	67	87	55	246	3.03%
30		*Pseudo-nitzschia fraudulenta*	+	18	27	39	21	105	1.29%
31		*Pseudo-nitzschia* sp.	+	33	45	0	30	108	1.33%
32		*Cylindrotheca closterium*	+	18	30	42	27	117	1.44%
33		*Hemiaulus* sp.	+	18	33	49	27	127	1.57%
34		*Thalassiothrix* sp.	+	24	33	54	30	141	1.74%
35		*Biddulphia* sp.	+	21	39	51	24	135	1.66%

36	*Rhizosolenia* sp.	+	34	58	85	70	247	3.04%
37	*Pseudosolenia calcar-avis*	+	21	35	49	27	132	1.63%
38	*Lauderia* sp.	+	18	30	51	24	123	1.52%
39	*Proboscia truncata*	+	21	42	50	30	143	1.76%
40	*Coscinodiscus* sp.	+	37	55	70	49	211	2.60%
41	*Rhabdonema* sp.	+	18	30	48	24	120	1.48%
42	*Halamphora* sp.	+	15	30	42	21	108	1.33%
43	*Leptocylindrus danicus*	+	18	27	0	18	63	0.78%
II	**Cyanophyceae**							
44	*Oscillatoria* sp.	-	46	35	24	18	123	1.52%
45	*Spirulina* sp.	*	27	0	40	0	67	0.83%
46	*Anabaena* sp.	-	33	24	18	12	87	1.07%
47	*Trichodesmium* sp.	-	18	30	39	24	111	1.37%
48	*Microcystis aeruginosa*	-	40	33	18	12	103	1.27%
49	*Cylindrospermopsis* sp.	-	37	30	15	10	92	1.13%
III	**Dinoflagellata**							
50	*Ceratium* sp.	-	19	28	40	20	107	1.32%
51	*Prorocentrum micans*	*	22	19	41	25	107	1.32%
52	*Scrippsiella precaria*	*	18	19	35	15	87	1.07%
IV	**Chrysophyceae**							
53	*Synura* sp.	*	21	30	42	21	114	1.40%
V	**Chlorophyceae**							
54	*Pandorina* sp.	*	18	27	36	21	102	1.26%
55	*Staurastrum* sp.	*	18	27	36	21	102	1.26%
VI	**Euglenophyceae**							
56	*Euglena* sp.	*	34	39	57	24	154	1.90%
TOTAL KELIMPAHAN KESELURUHAN			1424	2078	2882	1730	8114	100%

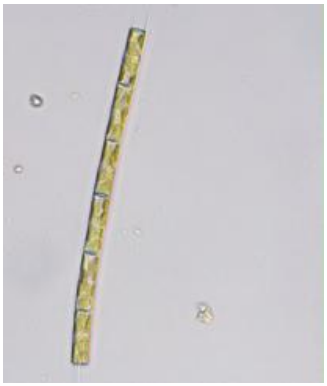
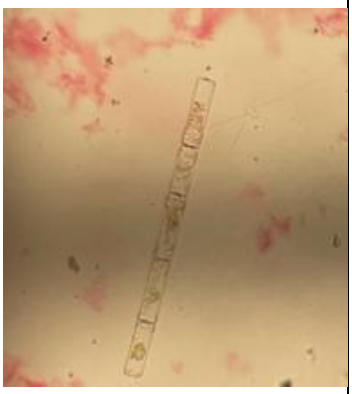
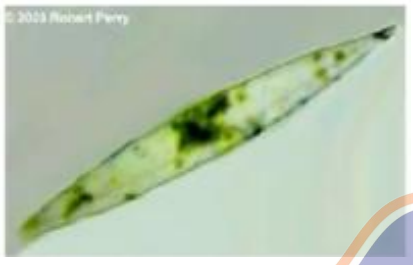
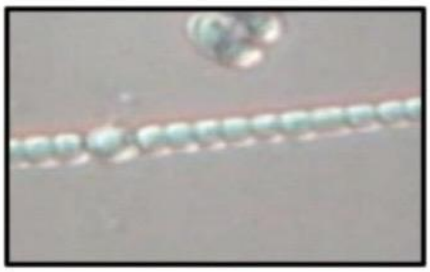
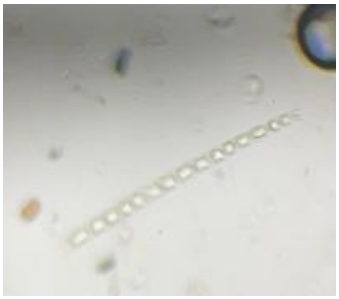
(Catatan Metodologi: Nilai pada stasiun mewakili akumulasi jumlah sel selama 3 minggu pengamatan).

Lampiran 2. Tabel Hasil Identifikasi Fitoplankton

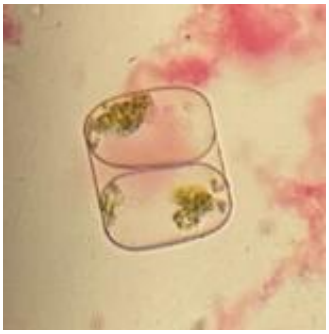
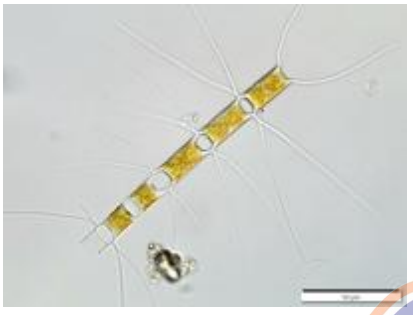
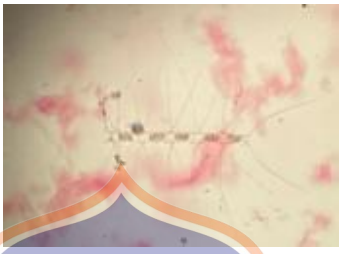
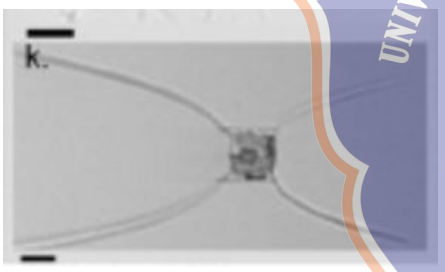
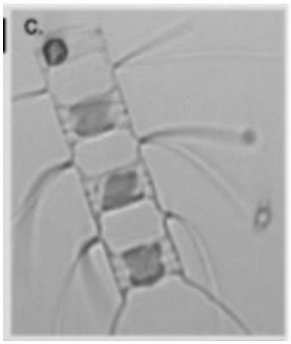
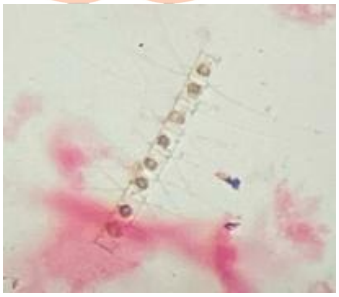
No.	Spesimen		Taksonomi
	Literatur	Hasil Pengamatan	
1.	 Source: CCAP 1459/13		Divisi: Cyanophyta Kelas: Cyanophyceae Ordo: Oscillatoriales Familia: Oscillatoriaceae Genus: Oscillatoria Spesies: *Oscillatoria* sp. (Desikachary, 1959)
2.	 Source: Dwi Yuni Wulandari, dkk		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Thalassiosiraceae Genus: Skeletonema Spesies: *Skeletonema* sp. (Tomas, 1997)
3.	 Source: Dwi Yuni Wulandari, dkk		Divisi: Cyanophyta Kelas: Cyanophyceae Ordo: Oscillatoriales Familia: Oscillatoriaceae Genus: Spirulina Spesies: *Spirulina* sp. (Desikachary, 1959)
4.	 Source: keweenawalgae.mtu.edu		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Thalassiosiraceae Genus: Cyclotella Spesies: *Cyclotella* sp. (Tomas, 1997)

5.	 Source: Dwi Yuni Wulandari, dkk		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Pennales Familia: Pleurosigmataceae Genus: Pleurosigma Spesies: *Pleurosigma* sp. (Tomas, 1997)
6.	 Source: cfb.unh.edu		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Pennales Familia: Bacillariaceae Genus: Bacillaria Spesies: *Bacillaria* cf. *paradoxa* (Tomas, 1997)
7.	 Source: dreamstime.com		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Pennales Familia: Striatellaceae Genus: Striatella Spesies: *Striatella* sp. (Tomas, 1997)
8.	 Source: coast.ifremer.fr		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Leptocylindraceae Genus: Leptocylindrus Spesies: *Leptocylindrus minimus* (Tomas, 1997)

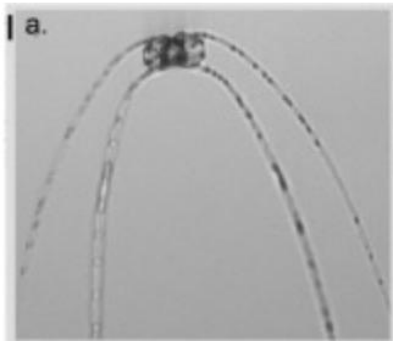
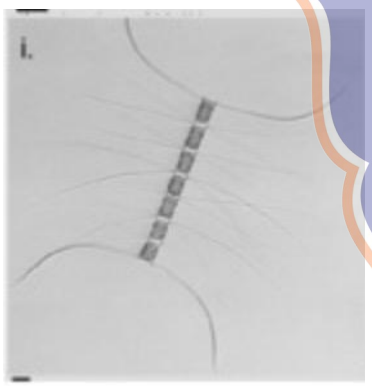
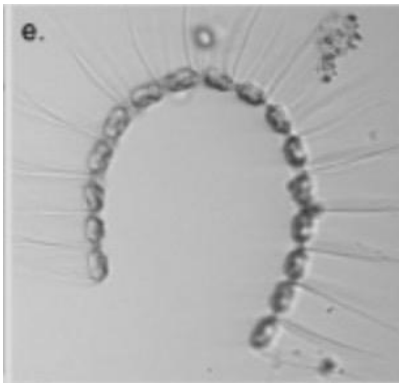
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9.	 Source: iNaturalist		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Aulacoseiraceae Genus: Aulacoseira Spesies: *Aulacoseira* sp. (Round *et a*l., 1990)
10.	 Source: Robert Perry 3nd edition		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Pennales Familia: Naviculaceae Genus: Navicula Spesies: *Navicula* sp. (Tomas, 1997)
11.	 Source: Robert Perry 3nd edition		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Chaetocerotaceae Genus: Bacteriastrum Spesies: *Bacteriastrum hyalinum* (Tomas, 1997)
12.	 Source: Vuuren, 2006		Divisi: Cyanophyta Kelas: Cyanophyceae Ordo: Nostocales Familia: Nostocaceae Genus: Anabaena Spesies: *Anabaena* sp. (Desikachary, 1959)

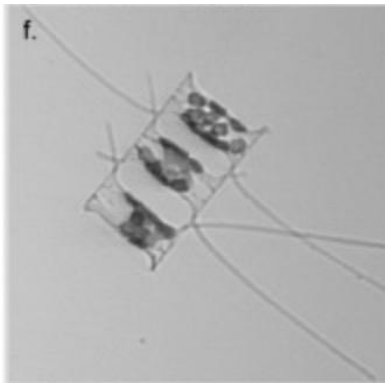
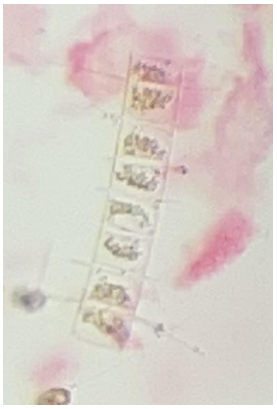
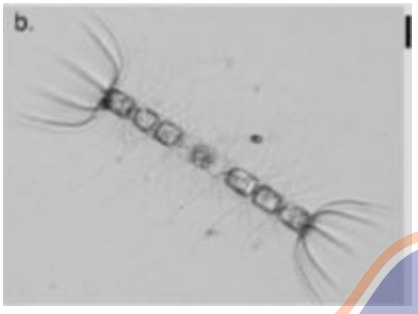
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13.	 Source: copepedia		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Melosiraceae Genus: Melosira Spesies: *Melosira moniliformis* (Tomas, 1997)
14.	 Source: iNaturalist		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Chaetocerotaceae Genus: Chaetoceros Spesies: *Chaetoceros decipiens* (Tomas, 1997)
15.	 Source: Lisa Campbell, dkk.		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Chaetocerotaceae Genus: Chaetoceros Spesies: *Chaetoceros* sp. (Tomas, 1997)
16.	 Source: Lisa Campbell, dkk.		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Chaetocerotaceae Genus: Chaetoceros Spesies: *Chaetoceros seiracanthus* (Tomas, 1997)

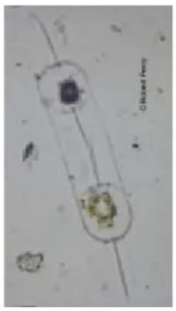
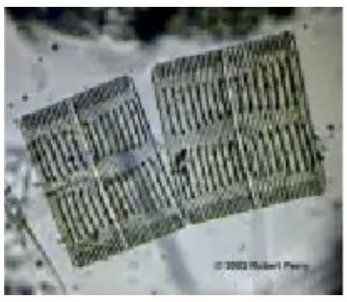
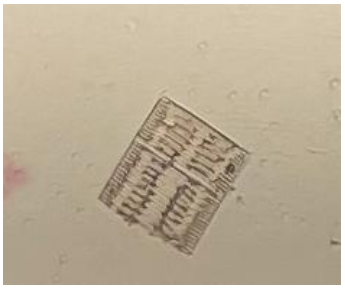
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17.	 Source: Lisa Campbell, dkk.		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Chaetocerotaceae Genus: Chaetoceros Spesies: *Chaetoceros peruvianus* (Tomas, 1997)
18.	 Source: Lisa Campbell, dkk.		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Chaetocerotaceae Genus: Chaetoceros Spesies: *Chaetoceros contortus* (Tomas, 1997)
19.	 Source: Lisa Campbell, dkk.		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Chaetocerotaceae Genus: Chaetoceros Spesies: *Chaetoceros affinis* (Tomas, 1997)
20.	 Source: Lisa Campbell, dkk.		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Chaetocerotaceae Genus: Chaetoceros Spesies: *Chaetoceros curvisetus* (Tomas, 1997)

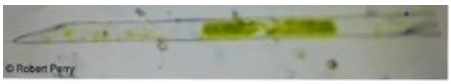
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21.	 Source: Lisa Campbell, dkk.		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Chaetocerotaceae Genus: Chaetoceros Spesies: *Chaetoceros elegans* (Tomas, 1997)
22.	 Source: Lisa Campbell, dkk.		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Chaetocerotaceae Genus: Bacteriastrum Spesies: *Bacteriastrum* sp. (Tomas, 1997)
23.	 Source: Robert Perry 3nd edition		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Pennales Familia: Bacillariaceae Genus: Pseudo-nitzschia Spesies: *Pseudo-nitzschia australis* (Tomas, 1997)
24.	 Source: Robert Perry 3nd edition		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Asterolampraceae Genus: Asteromphalus Spesies: *Asteromphalus* sp. (Tomas, 1997)

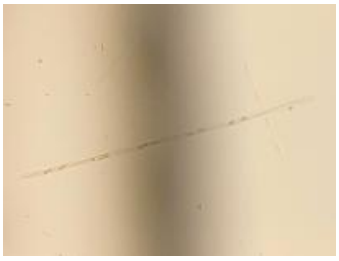
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25.	 Source: CCAP 1054/4		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Rhizosoleniaceae Genus: Trieres Spesies: *Trieres mobiliensis* (Tomas, 1997)
26.	 Source: copepedia		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Thalassiosiraceae Genus: Thalassiosira Spesies: *Thalassiosira hendeyi* (Tomas, 1997)
27.	 Source: Robert Perry 3nd edition		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Lithodesmiaceae Genus: Ditylum Spesies: *Ditylum brightwellii* (Tomas, 1997)
28.	 Source: Robert Perry 3nd edition		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Pennales Familia: Fragilariaceae Genus: Fragilaria Spesies: *Fragilaria striatula* (Tomas, 1997)

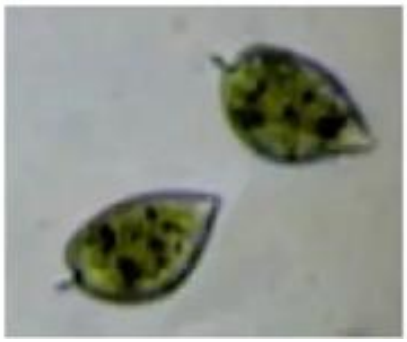
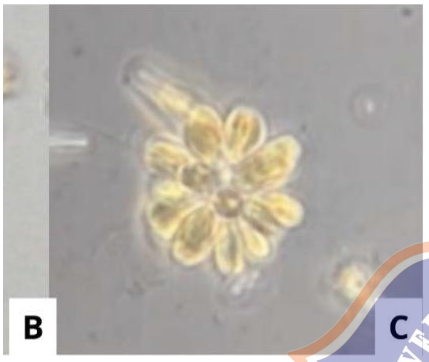
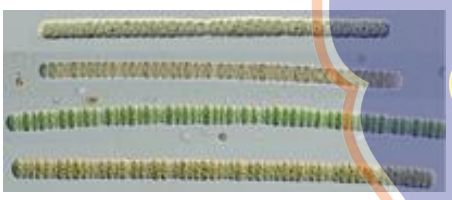
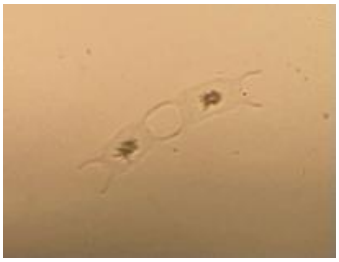
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29.	 Source:Robert Perry 3nd edition		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Pennales Familia: Thalassionemataceae Genus: Thalassionema Spesies: *Thalassionema* sp. (Tomas, 1997)
30.	 Source: Robert Perry 3nd edition		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Lauderiaceae Genus: Lauderia Spesies: *Lauderia annulata* (Tomas, 1997)
31.	 Source: Robert Perry 3nd edition		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Thalassiosiraceae Genus: Thalassiosira Spesies: *Thalassiosira* sp. (Tomas, 1997)
32.	 Source: Robert Perry 3nd edition		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Rhizosoleniaceae Genus: Proboscia Spesies: *Proboscia alata* (Tomas, 1997)

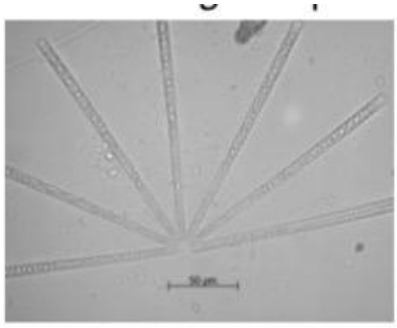
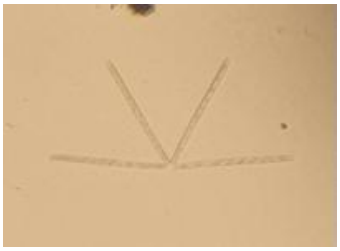
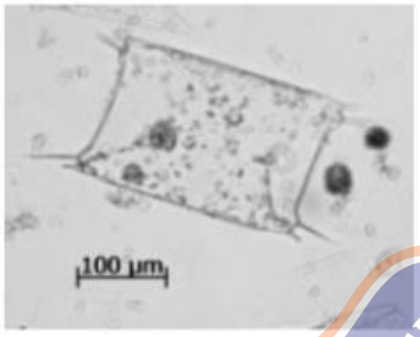
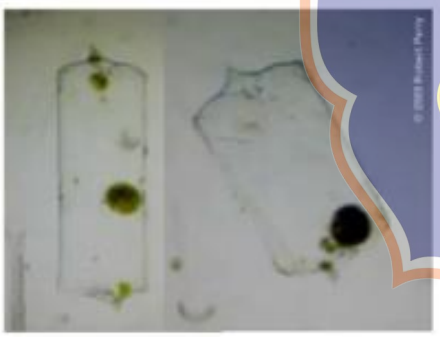
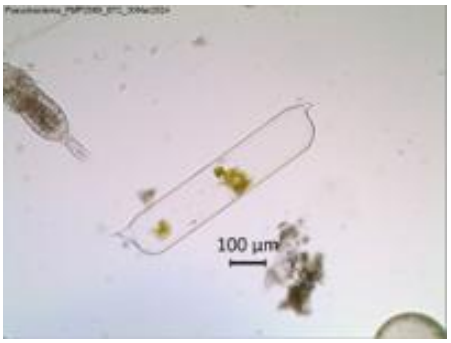
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33.	 Casco Bay off Falmouth, Maine USA 31 Oct 2011		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Pennales Familia: Bacillariaceae Genus: Pseudo-nitzschia Spesies: *Pseudo-nitzschia fraudulenta* (Tomas, 1997)
34.	 Source: CCAP 1061/42		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Pennales Familia: Bacillariaceae Genus: Pseudo-nitzschia Spesies: *Pseudo-nitzschia* sp. (Tomas, 1997)
35.	 Source: algaebase		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Pennales Familia: Bacillariaceae Genus: Cylindrotheca Spesies: *Cylindrotheca closterium* (Tomas, 1997)
36.	 Source: sc.niigata-u.ac.jp		Divisi: Dinophyta Kelas: Dinophyceae Ordo: Gonyaulacales Familia: Ceratiaceae Genus: Ceratium Spesies: *Ceratium* sp. (Tomas, 1997)

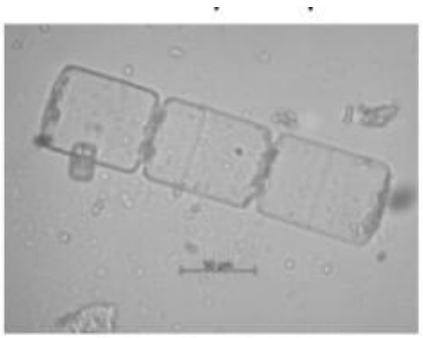
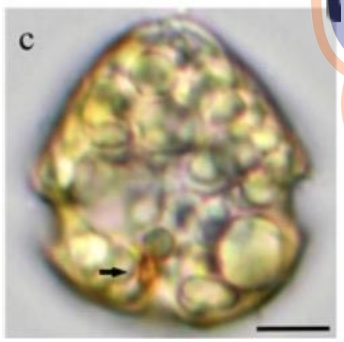
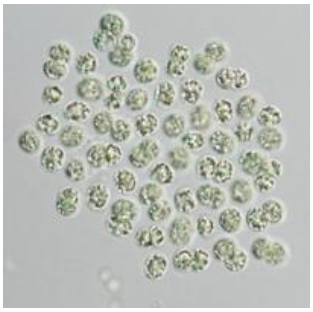
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37.	 Source: Robert Perry 3nd edition		Divisi: Dinophyta Kelas: Dinophyceae Ordo: Prorocentrales Familia: Prorocentraceae Genus: Prorocentrum Spesies: *Prorocentrum micans* (Tomas, 1997)
38.	 Source: Van Vuuren, 2006		Divisi: Chrysophyta Kelas: Chrysophyceae Ordo: Synurales Familia: Synuraceae Genus: Synura Spesies: *Synura* sp. (Prescott, 1978)
39.	 Source: iNaturalist		Divisi: Cyanophyta Kelas: Cyanophyceae Ordo: Oscillatoriales Familia: Trichodesmiaceae Genus: Trichodesmium Spesies: *Trichodesmium* sp. (Desikachary, 1959)
40.	 Source: Dwi Yuni Wulandari, dkk		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Hemiaulaceae Genus: Hemiaulus Spesies: *Hemiaulus* sp. (Tomas, 1997)

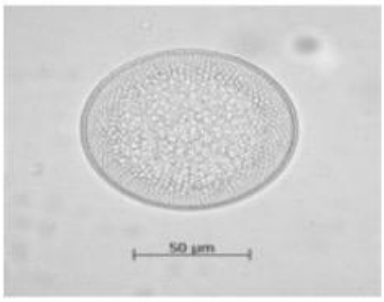
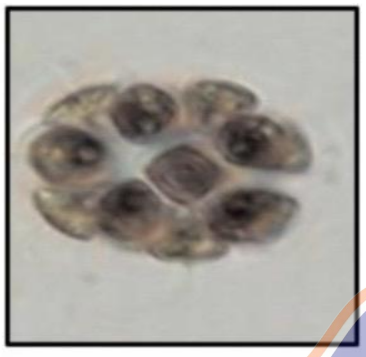
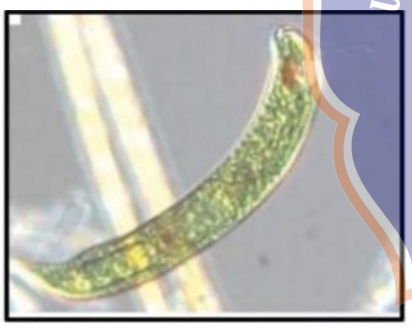
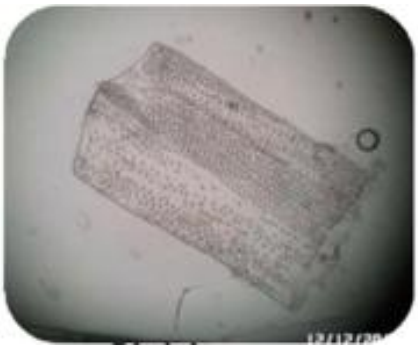
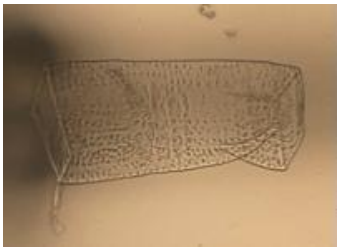
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41.	 Source: Dwi Yuni Wulandari, dkk		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Pennales Familia: Rhaphoneidaceae Genus: Thalassiothrix Spesies: *Thalassiothrix* sp. (Tomas, 1997)
42.	 Source: Dwi Yuni Wulandari, dkk		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Biddulphiaceae Genus: Biddulphia Spesies: *Biddulphia* sp. (Tomas, 1997)
43.	 Source: Robert Perry 3nd edition		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Rhizosoleniaceae Genus: Rhizosolenia Spesies: *Rhizosolenia* sp. (Tomas, 1997)
44.	 Source: iNaturalist		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Rhizosoleniaceae Genus: Pseudosolenia Spesies: *Pseudosolenia calcar-avis* (Tomas, 1997)

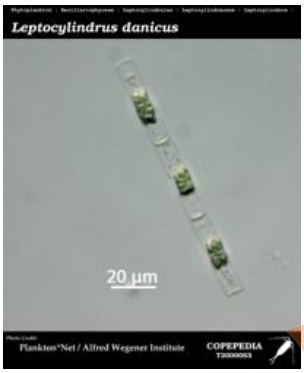
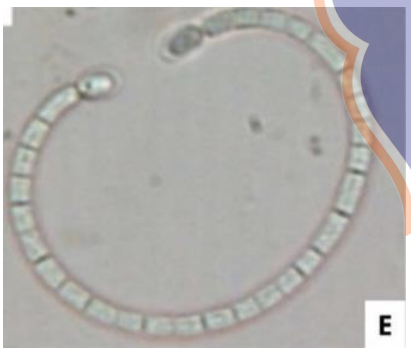
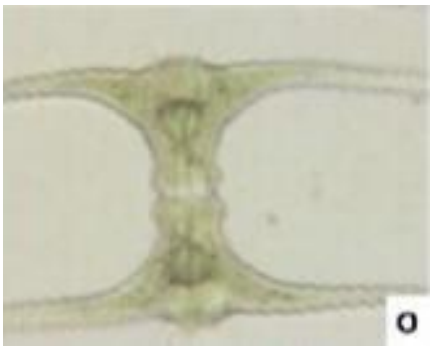
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45.	 Source: Dwi Yuni Wulandari, dkk		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Lauderiaceae Genus: Lauderia Spesies: *Lauderia* sp. (Tomas, 1997)
46.	 Source: CCAP 1064/3		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Rhizosoleniaceae Genus: Proboscia Spesies: *Proboscia truncata* (Tomas, 1997)
47.	 Source: jurnal hyung jung kim		Divisi: Dinophyta Kelas: Dinophyceae Ordo: Peridiniales Familia: Thoracosphaeraceae Genus: Scrippsiella Spesies: *Scrippsiella precaria* (Tomas, 1997)
48.	 Source: california water science center		Divisi: Cyanophyta Kelas: Cyanophyceae Ordo: Chroococcales Familia: Microcystaceae Genus: Microcystis Spesies: *Microcystis aeruginosa* (Desikachary, 1959)

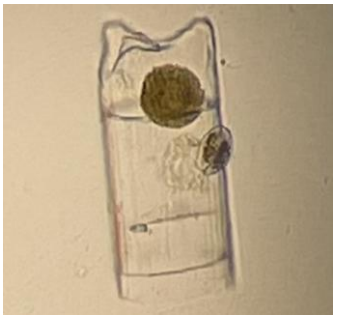
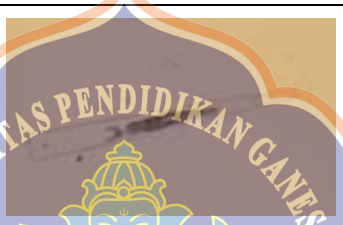
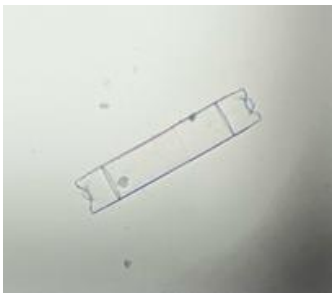
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49.	 Source: Dwi Yuni Wulandari, dkk		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Coscinodiscaceae Genus: Coscinodiscus Spesies: *Coscinodiscus* sp. (Tomas, 1997)
50.	 Source: Vuuren, 2006		Divisi: Chlorophyta Kelas: Chlorophyceae Ordo: Volvocales Familia: Volvocaceae Genus: Pandorina Spesies: *Pandorina* sp. (Prescott, 1978)
51.	 Source: Vuuren, 2006		Divisi: Euglenophyta Kelas: Euglenophyceae Ordo: Euglenales Familia: Euglenaceae Genus: Euglena Spesies: *Euglena* sp. (Prescott, 1978)
52.	 Source: Jurnal Gustini Sri Unila, dkk		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Pennales Familia: Rhabdonemataceae Genus: Rhabdonema Spesies: *Rhabdonema* sp. (Tomas, 1997)

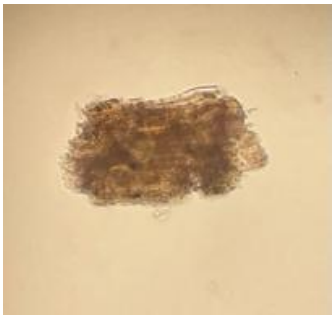
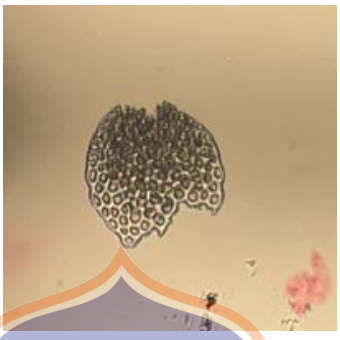
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53.	 Source: CCAP 1031/1		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Pennales Familia: Catenulaceae Genus: Halamphora Spesies: *Halamphora* sp. (Tomas, 1997)
54.	 Source: copepedia		Divisi: Bacillariophyta Kelas: Bacillariophyceae Ordo: Centrales Familia: Leptocylindraceae Genus: Leptocylindrus Spesies: *Leptocylindrus danicus* (Tomas, 1997)
55.	 Source: Van Vuuren, 2006		Divisi: Cyanophyta Kelas: Cyanophyceae Ordo: Nostocales Familia: Nostocaceae Genus: Cylindrospermopsis Spesies: *Cylindrospermopsis* sp. (Desikachary, 1959)
56.	 Source: Van Vuuren, 2006		Divisi: Chlorophyta Kelas: Zygnemophyceae Ordo: Desmidiales Familia: Desmidiaceae Genus: Staurastrum Spesies: *Staurastrum* sp. (Prescott, 1978)

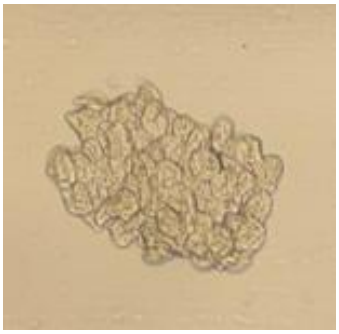
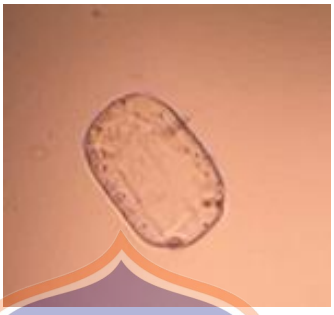
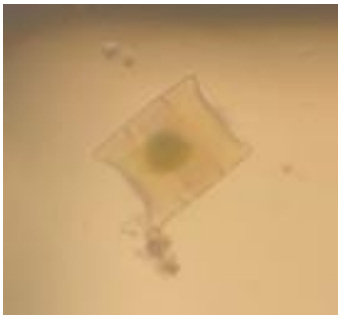
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			Spesies 1: Belum ditemukan pada buku identifikasi
			Spesies 2: Belum ditemukan pada buku identifikasi
			Spesies 3: Belum ditemukan pada buku identifikasi
			Spesies 4: Belum ditemukan pada buku identifikasi
			Spesies 5: Belum ditemukan pada buku identifikasi
			Spesies 6: Belum ditemukan pada buku identifikasi

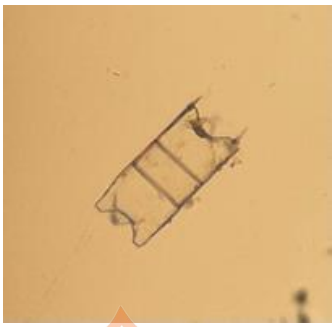
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			Spesies 7: Belum ditemukan pada buku identifikasi
			Spesies 8: Belum ditemukan pada buku identifikasi
			Spesies 9: Belum ditemukan pada buku identifikasi
			Spesies 10: Belum ditemukan pada buku identifikasi
			Spesies 11: Belum ditemukan pada buku identifikasi

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			Spesies 12: Belum ditemukan pada buku identifikasi
			Spesies 13: Belum ditemukan pada buku identifikasi
			Spesies 14: Belum ditemukan pada buku identifikasi
			Spesies 15: Belum ditemukan pada buku identifikasi
			Spesies 16: Belum ditemukan pada buku identifikasi

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			Spesies 17: Belum ditemukan pada buku identifikasi
			Spesies 18: Belum ditemukan pada buku identifikasi
			Spesies 19: Belum ditemukan pada buku identifikasi
			Spesies 20: Belum ditemukan pada buku identifikasi
			Spesies 21: Belum ditemukan pada buku identifikasi

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Lampiran 3. Dokumentasi Penelitian



DO meter



pH meter



Sedgwivk rafter counting cell



Formalin 4%



Mikroskop binokuler



Cooling box

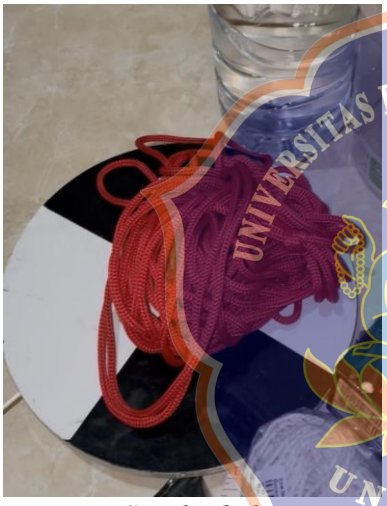
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Botol sampel



Botol nansen



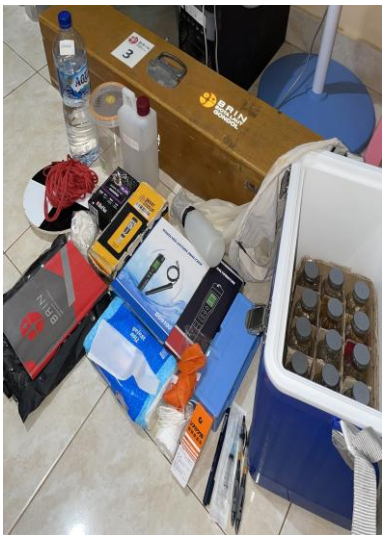
Secchi disk



Plankton net

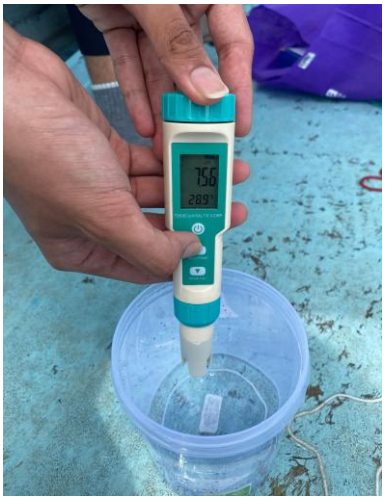


Refraktometer



Semua alat dan bahan

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Pengukuran pH



Mengukur suhu air laut



Pengukuran tingkat kecerahan air laut menggunakan *secchi disk*



Pengukuran kadar salinitas air laut



Mengukur kadar oksigen terlarut menggunakan DO meter



Pengambilan sampel air laut menggunakan botol nansen



Sampel air laut yang akan diidentifikasi



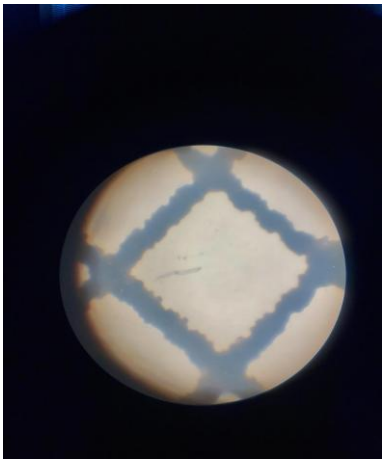
Menyiapkan alat dan bahan pada tahap identifikasi



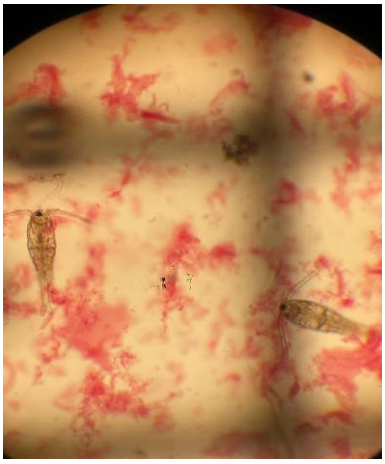
Proses identifikasi



Tampilan *sedgwick rafter* menggunakan lensa 4x



Tampilan *sedgwick rafter* menggunakan lensa 10x



Tampilan *sedgwick rafter* menggunakan lensa 40x

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Keramba jaring apung kerang mutiara



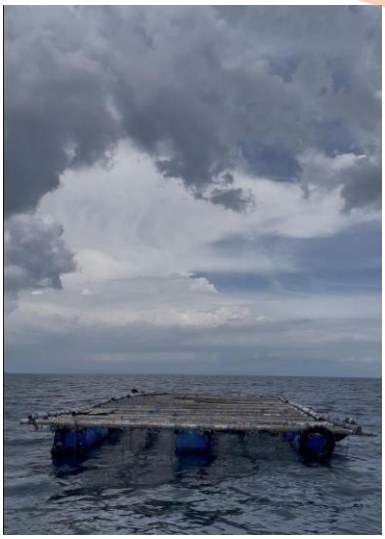
Pocket net pemeliharaan kerang mutiara



Lokasi pengambilan sampel (Stasiun 1)



Lokasi pengambilan sampel (Stasiun 2)



Lokasi pengambilan sampel (Stasiun 3)



Lokasi pengambilan sampel (Stasiun 4)

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Lampiran 4. Data Penelitian

Data Fitoplankton Minggu 1

Spesies Fitoplankton	Staisiun 1	Stasiun 2	Stasiun 3	Stasiun 4	Ket
Oscillatoria sp.	14	10	7	5	Cyanophyceae
Skeletonema sp.	I2	21	31	19	Bacillariophyceae
Spirulina sp.	8	0	12	0	Cyanophyceae
Cyclotella sp.	10	15	24	20	Bacillariophyceae
Pleurosigma sp.	6	10	15	9	Bacillariophyceae
Bacillaria cf. *paradoxa*	7	12	18	10	Bacillariophyceae
Striatella sp.	0	8	16	0	Bacillariophyceae
Leptocylindrus minimus	17	24	34	22	Bacillariophyceae
Aulacoseira sp.	5	9	13	7	Bacillariophyceae
Navicula sp.	8	11	17	10	Bacillariophyceae
Bacteriastrum hyalinum	7	14	21	13	Bacillariophyceae
Anabaena sp.	10	7	5	3	Cyanophyceae
Melosira moniliformis	6	10	18	9	Bacillariophyceae
Chaetoceros decipiens	18	25	35	27	Bacillariophyceae
Chaetoceros sp.	12	20	29	18	Bacillariophyceae
Chaetoceros seiracanthus	6	9	15	10	Bacillariophyceae
Chaetoceros peruvianus	5	10	17	0	Bacillariophyceae
Chaetoceros contortus	8	13	18	12	Bacillariophyceae
Chaetoceros affinis	15	22	0	30	Bacillariophyceae
Chaetoceros curvisetus	13	23	30	27	Bacillariophyceae
Chaetoceros elegans	4	0	13	8	Bacillariophyceae
Bacteriastrum sp.	11	19	28	0	Bacillariophyceae
Pseudo-nitzschia australis	5	9	14	7	Bacillariophyceae
Asteromphalus sp.	6	10	17	11	Bacillariophyceae
Trieres mobiliensis	5	9	15	8	Bacillariophyceae
Thalassiosira hendeyi	6	0	18	0	Bacillariophyceae
Ditylum brightwellii	0	7	12	5	Bacillariophyceae
Fragilaria striatula	4	10	14	8	Bacillariophyceae
Thalassionema sp.	5	9	16	7	Bacillariophyceae

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Lauderia annulata	0	8	14	0	Bacillariophyceae
Thalassiosira sp.	13	19	30	20	Bacillariophyceae
Proboscia alata	11	21	27	17	Bacillariophyceae
Pseudo-nitzschia fraudulenta	5	8	12	6	Bacillariophyceae
Pseudo-nitzschia sp.	10	14	0	9	Bacillariophyceae
Cylindrotheca closterium	5	9	13	8	Bacillariophyceae
Ceratium sp.	4	7	11	5	Dinoflagellata
Prorocentrum micans	9	0	16	10	Dinoflagellata
Synura sp.	6	9	13	6	Chrysophyceae
Trichodesmium sp.	5	9	12	7	Cyanophyceae
Hemiaulus sp.	5	10	15	8	Bacillariophyceae
Thalassiothrix sp.	7	10	17	9	Bacillariophyceae
Biddulphia sp.	6	12	16	7	Bacillariophyceae
Rhizosolenia sp.	10	18	27	22	Bacillariophyceae
Pseudosolenia calcar-avis	6	10	15	8	Bacillariophyceae
Lauderia sp.	5	9	16	7	Bacillariophyceae
Proboscia truncata	6	19	15	9	Bacillariophyceae
Scrippsiella precaria	5	0	10	0	Dinoflagellata
Microcystis aeruginosa	12	10	5	3	Cyanophyceae
Coscinodiscus sp.	11	17	22	15	Bacillariophyceae
Pandorina sp.	5	8	11	6	Chlorophyceae
Euglena sp.	10	12	18	7	Euglenophyceae
Rhabdonema sp.	5	9	15	7	Bacillariophyceae
Halamphora sp.	4	9	13	6	Bacillariophyceae
Leptocylindrus danicus	5	8	0	5	Bacillariophyceae
Cylindrospermopsis sp.	11	9	4	3	Cyanophyceae
Staurastrum sp.	5	8	11	6	Chlorophyceae

Data Kualitas Air Minggu 1

Parameter	Stasiun 1	Stasiun 2	Stasiun 3	Stasiun 4	Satuan	Ket
Suhu	29,9	29	29,1	29,1	°C	*In-situ*
Kecepatan Arus	7,59	5,40	9,51	7,81	s/m	*In-situ*
Kecerahan	1,9	10,6	8,55	7,56	m	*In-situ*
pH	7,4	7,58	7,59	7,6	-	*In-situ*
Kadar Oksigen (DO)	5,9	6,0	6,8	7,3	mg/l	*In-situ*
Salinitas	36	36	38	38	ppt	*Ex-situ*

Data Fitoplankton Minggu 2

Spesies Fitoplankton	Staisiun 1	Stasiun 2	Stasiun 3	Stasiun 4	Ket
Oscillatoria sp.	17	13	9	7	Cyanophyceae
Skeletonema sp.	15	24	36	22	Bacillariophyceae
Spirulina sp.	10	0	15	0	Cyanophyceae
Cyclotella sp.	8	17	27	23	Bacillariophyceae
Pleurosigma sp.	8	12	17	11	Bacillariophyceae
Bacillaria cf. *paradoxa*	9	14	21	13	Bacillariophyceae
Striatella sp.	0	10	18	0	Bacillariophyceae
Leptocylindrus minimus	20	27	37	25	Bacillariophyceae
Aulacoseira sp.	7	11	15	9	Bacillariophyceae
Navicula sp.	10	14	19	13	Bacillariophyceae
Bacteriastrum hyalinum	9	16	23	15	Bacillariophyceae
Anabaena sp.	12	9	7	5	Cyanophyceae
Melosira moniliformis	8	12	20	11	Bacillariophyceae
Chaetoceros decipiens	21	28	37	30	Bacillariophyceae
Chaetoceros sp.	15	23	32	21	Bacillariophyceae
Chaetoceros seiracanthus	8	11	17	12	Bacillariophyceae
Chaetoceros peruvianus	7	12	19	0	Bacillariophyceae
Chaetoceros contortus	10	15	21	15	Bacillariophyceae
Chaetoceros affinis	18	25	0	33	Bacillariophyceae
Chaetoceros curvisetus	16	26	34	29	Bacillariophyceae
Chaetoceros elegans	6	0	15	10	Bacillariophyceae
Bacteriastrum sp.	14	22	31	0	Bacillariophyceae
Pseudo-nitzschia australis	7	12	16	9	Bacillariophyceae
Asteromphalus sp.	8	12	19	13	Bacillariophyceae
Trieres mobiliensis	7	11	17	10	Bacillariophyceae
Thalassiosira hendeyi	8	0	21	0	Bacillariophyceae
Ditylum brightwellii	0	9	14	7	Bacillariophyceae
Fragilaria striatula	6	12	16	10	Bacillariophyceae
Thalassionema sp.	7	11	18	9	Bacillariophyceae
Lauderia annulata	0	10	16	0	Bacillariophyceae

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Thalassiosira sp.	16	22	34	23	Bacillariophyceae
Proboscia alata	14	24	31	20	Bacillariophyceae
Pseudo-nitzschia fraudulenta	6	10	14	8	Bacillariophyceae
Pseudo-nitzschia sp.	12	16	0	11	Bacillariophyceae
Cylindrotheca closterium	7	11	15	10	Bacillariophyceae
Ceratium sp.	6	9	13	7	Dinoflagellata
Prorocentrum micans	11	0	19	12	Dinoflagellata
Synura sp.	8	11	15	8	Chrysophyceae
Trichodesmium sp.	7	11	14	9	Cyanophyceae
Hemiaulus sp.	7	12	18	10	Bacillariophyceae
Thalassiothrix sp.	9	12	19	11	Bacillariophyceae
Biddulphia sp.	8	13	18	9	Bacillariophyceae
Rhizosolenia sp.	13	21	30	25	Bacillariophyceae
Pseudosolenia calcar-avis	8	13	18	10	Bacillariophyceae
Lauderia sp.	7	11	18	9	Bacillariophyceae
Proboscia truncata	8	12	19	11	Bacillariophyceae
Scrippsiella precaria	6	0	12	0	Dinoflagellata
Microcystis aeruginosa	15	12	7	5	Cyanophyceae
Coscinodiscus sp.	14	20	25	18	Bacillariophyceae
Pandorina sp.	7	10	13	8	Chlorophyceae
Euglena sp.	13	14	20	9	Euglenophyceae
Rhabdonema sp.	7	11	17	9	Bacillariophyceae
Halamphora sp.	6	11	15	8	Bacillariophyceae
Leptocylindrus danicus	7	10	0	7	Bacillariophyceae
Cylindrospermopsis sp.	14	11	6	4	Cyanophyceae
Staurastrum sp.	7	10	13	8	Chlorophyceae

Data Kualitas Air Minggu 2

Parameter	Stasiun 1	Stasiun 2	Stasiun 3	Stasiun 4	Satuan	Ket
Suhu	29,7	28,6	29,3	28,9	°C	*In-situ*
Kecepatan Arus	7,25	5,82	9,2	8,11	s/m	*In-situ*
Kecerahan	2	9,8	8,2	7,8	m	*In-situ*
pH	7,47	7,56	7,60	7,57	-	*In-situ*
Kadar Oksigen (DO)	6,9	6,6	7,7	7,5	mg/l	*In-situ*
Salinitas	36	36	38	39	ppt	*Ex-situ*

Data Fitoplankton Minggu 3

Spesies Fitoplankton	Staisiun 1	Stasiun 2	Stasiun 3	Stasiun 4	Ket
Oscillatoria sp.	15	12	8	6	Cyanophyceae
Skeletonema sp.	13	22	33	20	Bacillariophyceae
Spirulina sp.	9	0	13	0	Cyanophyceae
Cyclotella sp.	12	16	25	21	Bacillariophyceae
Pleurosigma sp.	7	11	16	10	Bacillariophyceae
Bacillaria cf. *paradoxa*	8	13	19	11	Bacillariophyceae
Striatella sp.	0	9	17	0	Bacillariophyceae
Leptocylindrus minimus	18	25	35	23	Bacillariophyceae
Aulacoseira sp.	6	10	14	8	Bacillariophyceae
Navicula sp.	9	12	18	11	Bacillariophyceae
Bacteriastrum hyalinum	8	15	22	14	Bacillariophyceae
Anabaena sp.	11	8	6	4	Cyanophyceae
Melosira moniliformis	7	11	19	10	Bacillariophyceae
Chaetoceros decipiens	19	26	36	28	Bacillariophyceae
Chaetoceros sp.	13	21	30	19	Bacillariophyceae
Chaetoceros seiracanthus	7	10	16	11	Bacillariophyceae
Chaetoceros peruvianus	6	11	18	0	Bacillariophyceae
Chaetoceros contortus	9	14	19	13	Bacillariophyceae
Chaetoceros affinis	16	23	0	31	Bacillariophyceae
Chaetoceros curvisetus	14	24	32	28	Bacillariophyceae
Chaetoceros elegans	5	0	14	9	Bacillariophyceae
Bacteriastrum sp.	12	20	29	0	Bacillariophyceae
Pseudo-nitzschia australis	6	10	15	8	Bacillariophyceae
Asteromphalus sp.	7	11	18	12	Bacillariophyceae
Trieres mobiliensis	6	10	16	9	Bacillariophyceae
Thalassiosira hendeyi	7	0	19	0	Bacillariophyceae
Ditylum brightwellii	0	8	13	6	Bacillariophyceae
Fragilaria striatula	5	11	15	9	Bacillariophyceae
Thalassionema sp.	6	10	17	8	Bacillariophyceae
Lauderia annulata	0	9	15	0	Bacillariophyceae

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Thalassiosira sp.	14	20	32	21	Bacillariophyceae
Proboscia alata	12	22	29	18	Bacillariophyceae
Pseudo-nitzschia fraudulenta	7	9	13	7	Bacillariophyceae
Pseudo-nitzschia sp.	11	15	0	10	Bacillariophyceae
Cylindrotheca closterium	6	10	14	9	Bacillariophyceae
Ceratium sp.	5	8	12	6	Dinoflagellata
Prorocentrum micans	10	0	17	11	Dinoflagellata
Synura sp.	7	10	14	7	Chrysophyceae
Trichodesmium sp.	6	10	13	8	Cyanophyceae
Hemiaulus sp.	6	11	16	9	Bacillariophyceae
Thalassiothrix sp.	8	11	18	10	Bacillariophyceae
Biddulphia sp.	7	14	17	8	Bacillariophyceae
Rhizosolenia sp.	11	19	28	23	Bacillariophyceae
Pseudosolenia calcar-avis	7	12	16	9	Bacillariophyceae
Lauderia sp.	6	10	17	8	Bacillariophyceae
Proboscia truncata	7	11	16	10	Bacillariophyceae
Scrippsiella precaria	7	0	11	0	Dinoflagellata
Microcystis aeruginosa	13	11	6	4	Cyanophyceae
Coscinodiscus sp.	12	18	23	16	Bacillariophyceae
Pandorina sp.	6	9	12	7	Chlorophyceae
Euglena sp.	11	13	19	8	Euglenophyceae
Rhabdonema sp.	6	10	16	8	Bacillariophyceae
Halamphora sp.	5	10	14	7	Bacillariophyceae
Leptocylindrus danicus	6	9	0	6	Bacillariophyceae
Cylindrospermopsis sp.	12	10	5	3	Cyanophyceae
Staurastrum sp.	6	9	12	7	Chlorophyceae

Data Kualitas Air Minggu 3

Parameter	Stasiun 1	Stasiun 2	Stasiun 3	Stasiun 4	Satuan	Ket
Suhu	30,1	29,1	29	29,2	°C	*In-situ*
Kecepatan Arus	7,86	5,48	10,1	7,67	s/m	*In-situ*
Kecerahan	1,9	10,8	8,7	7,40	m	*In-situ*
pH	7,46	7,6	7,58	7,59	-	*In-situ*
Kadar Oksigen (DO)	5,80	6,10	6,9	7,40	mg/l	*In-situ*
Salinitas	36	36	37	38	ppt	*Ex-situ*

Lampiran 5. Riwayat Hidup Penulis

RIWAYAT HIDUP



Nursaleha lahir di Sari pada tanggal 14 November 2002, dari pasangan Bapak Nukman dan Ibu Kartini. Penulis berkewarganegaraan Indonesia dan beragama Islam. Saat ini penulis beralamat di Desa Sari, Kecamatan Sape, Kabupaten Bima, Provinsi Nusa Tenggara Barat. Penulis menempuh pendidikan dasar di SD Negeri Inpres Sari dan lulus pada tahun 2014. Pendidikan menengah pertama ditempuh di SMP Negeri 2 Sape dan lulus pada tahun 2017. Kemudian, pada tahun 2020 penulis lulus dari SMA Negeri 1 Wawo dengan jurusan MIPA. Pada tahun 2022 penulis melanjutkan pendidikan jenjang perguruan tinggi di Universitas Pendidikan Ganesha pada program studi Akuakultur.

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