

SAMPLE: 9653

PLACE: Littoistenjärvi , yhdistetty N E

DATE: 18.6.2019

DEPTH: 0.00- 0.00 m

COUNTED BY Lounais-Suomen vesi- ja ympäristötutkimus Oy, SA ON 3/31/2020

CHAMBER VOLUME=3ml, DIAM=26mm

BIOMASS OF PHYTOPLANKTON COUNTED WITH Leica DMI3000 B:

441 units in 102 Kenttiä at 788x

263 units in 2 Mittajana at 250x

807 units in 1 Pohja at 125x

Species	Size A/H	Volume	Units	Coeff.	Units/l	Units %	ww µg/l	ww %
2 21 CHROOCOCCALES	4	5	56	34021	1905176	11.19	9.53	0.47
2 21 CHROOCOCCALES	5	6	4	34021	136084	0.80	0.82	0.04
2 21 CHROOCOCCALES	6	9	36	34021	1224756	7.19	11.02	0.55
2 21 CHROOCOCCALES	7	10	13	34021	442273	2.60	4.42	0.22
2 21 CHROOCOCCALES	9	19	24	34021	816504	4.80	15.51	0.77
2 21 CHROOCOCCALES	11	26	8	34021	272168	1.60	7.08	0.35
2 21 CHROOCOCCALES	14	47	2	34021	68042	0.40	3.20	0.16
2 21 CHROOCOCCALES	16	52	1	34021	34021	0.20	1.77	0.09
2 21 CHROOCOCCALES	25	188	1	34021	34021	0.20	6.40	0.32
2 21 CYANODICTYON IAC CRONBERG & K	1	57	28	34021	952588	5.59	54.30	2.70
2 21 CYANODICTYON IAC CRONBERG & K	2	113	8	34021	272168	1.60	30.75	1.53
2 21 ROMERIA SP.	3	21	13	34021	442273	2.60	9.29	0.46
2 21 SNOWELLA SEPTENTRIONALIS KOMA	5	981	1	6807	6807	0.04	6.68	0.33
2 21 SNOWELLA SP.	1	10	1	34021	34021	0.20	0.34	0.02
2 21 SNOWELLA SP.	2	21	1	34021	34021	0.20	0.71	0.04
2 24 OSCILLATORIALES	1	79	1	6807	6807	0.04	0.54	0.03
2 24 PLANKTOTHRIX AGARDHII (GOM.) A	2	1963	1	333	333	0.00	0.65	0.03
2 25 ANABAENA LEMMERMANNII P.RICHT	3	471	96	6807	653472	3.84	307.79	15.31
2 25 ANABAENA SP. 'STRAIGHT'	5	1308	222	333	73926	0.43	96.70	4.81
2 25 ANABAENA SP. 'STRAIGHT'	8	3215	274	333	91242	0.54	293.34	14.59
2 25 ANABAENA SP. 'STRAIGHT'	10	5233	31	333	10323	0.06	54.02	2.69
2 25 ANABAENA SP. 'TWISTED'	10	5233	136	333	45288	0.27	236.99	11.79
2 25 APHANIZOMENON SP.	3	707	44	333	14652	0.09	10.36	0.52
2 25 APHANIZOMENON SP.	5	1256	81	333	26973	0.16	33.88	1.69
4 0 CRYPTOMONADALES	2	24	1	34021	34021	0.20	0.82	0.04
4 0 CRYPTOMONADALES	3	94	1	34021	34021	0.20	3.20	0.16
4 0 CRYPTOMONAS SP.	2	754	5	6807	34035	0.20	25.66	1.28
4 0 CRYPTOMONAS SP.	3	1769	3	6807	20421	0.12	36.12	1.80
4 0 KATABLEPHARIS OVALIS SKUJA	1 HET	92	2	34021	68042	0.40	6.26	0.31
4 0 RHODOMONAS LACUSTRIS PASCH.&R	1	37	7	34021	238147	1.40	8.81	0.44
4 0 RHODOMONAS LACUSTRIS PASCH.&R	3	122	2	34021	68042	0.40	8.30	0.41
6 62 CHRYSOCHROMULINA SP.	1	9	2	34021	68042	0.40	0.61	0.03
6 62 CHRYSOCHROMULINA SP.	2	17	113	34021	3844373	22.58	65.35	3.25
6 62 CHRYSOCHROMULINA SP.	3	25	1	34021	34021	0.20	0.85	0.04
6 63 MALLOMONAS SP.	4	837	3	6807	20421	0.12	17.09	0.85
6 63 PSEUDOPEDINELLA SP.	2	65	2	34021	68042	0.40	4.42	0.22
6 63 PSEUDOPEDINELLA SP.	3	132	1	34021	34021	0.20	4.49	0.22
6 65 ASTERIONELLA FORMOSA HASS.	1	540	13	333	4329	0.03	2.34	0.12
6 65 BACILLARIALES	2	135	25	6807	170175	1.00	22.97	1.14
6 65 BACILLARIALES	3	198	2	6807	13614	0.08	2.70	0.13
6 65 EUPODISCALES	3	49	8	34021	272168	1.60	13.34	0.66
6 65 EUPODISCALES	4	135	16	34021	544336	3.20	73.49	3.66
6 65 EUPODISCALES	5	393	2	34021	68042	0.40	26.74	1.33
6 65 SYNEDRA ACUS KÜTZ.	4	3200	1	333	333	0.00	1.07	0.05
6 65 SYNEDRA SP.	2	280	84	6807	571788	3.36	160.10	7.96
7 74 ANKYRA JUDAYI (G.M.SM.) FOTT		71	32	6807	217824	1.28	15.47	0.77
7 74 CRUCIGENIELLA CRUCIFERA (WOLLE	cf.	165	1	6807	6807	0.04	1.12	0.06
7 74 ELAKATOTHRIX GENEVENSIS HIND.	1	7	2	34021	68042	0.40	0.48	0.02
7 74 GOLENKINIA PAUCISPINA W.&G.S.		2144	1	34021	34021	0.20	72.94	3.63
7 74 KIRCHNERIELLA CONTORTA (SCHMID		23	4	34021	136084	0.80	3.13	0.16
7 74 KIRCHNERIELLA SP.	1	14	5	34021	170105	1.00	2.38	0.12
7 74 MONOMASTIX SP.	1	31	2	34021	68042	0.40	2.11	0.10
7 74 MONORAPHIDIUM CONTORTUM (THUR.	1	9	2	6807	13614	0.08	0.12	0.01
7 74 MONORAPHIDIUM DYBOWSKII (WOLOS	2	84	1	34021	34021	0.20	2.86	0.14
7 74 MONORAPHIDIUM MINUTUM (NÄG.) K	1	32	3	34021	102063	0.60	3.27	0.16
7 74 PAULSCHULZIA TENERA (KORSH.) L		2093	5	6807	34035	0.20	71.24	3.54
7 74 PEDIASTRUM BORYANUM (TURP.) ME		20096	1	333	333	0.00	6.69	0.33
7 74 VOLVOCALES	4	113	2	34021	68042	0.40	7.69	0.38
7 74 WILLEA IRREGULARIS (WILLE) SCH		502	3	6807	20421	0.12	10.25	0.51
7 75 CLOSTERIUM ACUTUM V. VARIABILE		377	1	333	333	0.00	0.13	0.01
7 75 STAUSTRUM CHAETOCERAS (SCHRÖ	2	1601	2	333	666	0.00	1.07	0.05
9 92 FLAGELLATES SPP. AUTO (OVAL)	3	19	17	34021	578357	3.40	10.99	0.55
9 92 FLAGELLATES SPP. AUTO (OVAL)	4	64	3	34021	102063	0.60	6.53	0.32
9 92 FLAGELLATES SPP. AUTO (OVAL)	5	181	1	34021	34021	0.20	6.16	0.31
9 92 FLAGELLATES SPP. AUTO (SPHERE)	2	8	5	34021	170105	1.00	1.36	0.07
9 92 FLAGELLATES SPP. AUTO (SPHERE)	3	33	7	34021	238147	1.40	7.86	0.39
9 92 MONAD AUTOTROPHIC	2	14	3	34021	102063	0.60	1.43	0.07
9 92 MONAD AUTOTROPHIC	3	24	8	34021	272168	1.60	6.53	0.32
9 92 MONAD AUTOTROPHIC	4	65	12	34021	408252	2.40	26.54	1.32
9 92 MONAD AUTOTROPHIC	6	180	10	34021	340210	2.00	61.24	3.05
2 CYANOPHYTA - CYANOPHYCEAE			1083		7597939	44.62	1196.08	59.50
2 21 CHROOCOCCALES			197		6674923	39.20	161.81	8.05
2 24 OSCILLATORIALES			2		7140	0.04	1.19	0.06
2 25 NOSTOCALES			884		915876	5.38	1033.07	51.39
4 CRYPTOPHYTA			21		496729	2.92	89.17	4.44

6	CHRYSOPHYTA	273	5713705	33.55	395.56	19.68
6 62	PRYMNESIOPHYCEAE	116	3946436	23.18	66.82	3.32
6 63	CHRYSOPHYCEAE	6	122484	0.72	26.01	1.29
6 65	DIATOMOPHYCEAE	151	1644785	9.66	302.74	15.06
7	CHLOROPHYTA	67	974453	5.72	200.93	9.99
7 74	CHLOROPHYCEAE	64	973454	5.72	199.74	9.94
7 75	CONJUGATOPHYCEAE	3	999	0.01	1.19	0.06
9	OTHER PHYTOPLANKTON	66	2245386	13.19	128.63	6.40
9 92	MONADS AND FLAGELLATES	66	2245386	13.19	128.63	6.40
Total counted:		1510	17028212		2010.38	
Total autotrophs:		1508	16960170	99.60	2004.12	99.69
Total heterotrophs:		2	68042	0.40	6.26	0.31