

SAMPLE: 7588
 PLACE: Littoistenjärvi , yhdistetty N E
 DATE: 6.6.2017
 DEPTH: 0.00- 0.00 m

COUNTED BY Lounais-Suomen vesi- ja ympäristötutkimus Oy, SA ON 6/15/2017

CHAMBER VOLUME=10ml, DIAM=26mm

BIOMASS OF PHYTOPLANKTON COUNTED WITH Leica DMI3000 B:
 321 units in 101 Kenttiä at 788x
 1004 units in 1 Sarake at 250x
 1309 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	3	10307	30921	0.51	0.15	0.02
2 21 CYANODICTYON IMPERFECTUM	2	10	2	10307	20614	0.34	0.21	0.03
2 21 MICROCYSTIS AERUGINOSA (KÜTZ.)	1	6542	1	100	100	0.00	0.65	0.09
2 21 MICROCYSTIS SP.	5	3271	3	100	300	0.00	0.98	0.13
2 21 MICROCYSTIS WESENBERGII (KOM.)	1	8707	1	100	100	0.00	0.87	0.12
2 21 SNOWELLA SP.	3	42	39	10307	401973	6.68	16.88	2.31
2 21 WORONICHINIA NAEGELIANA (UNGER)	3	7052	1	100	100	0.00	0.71	0.10
2 25 ANABAENA SP. 'STRAIGHT'	5	1308	11	100	1100	0.02	1.44	0.20
2 25 ANABAENA SP. 'STRAIGHT'	8	3215	20	100	2000	0.03	6.43	0.88
2 25 ANABAENA SP. 'STRAIGHT'	10	5233	1	100	100	0.00	0.52	0.07
2 25 ANABAENA SP. 'TWISTED'	9	3215	5	100	500	0.01	1.61	0.22
2 25 APHANIZOMENON SP.	3	707	2	100	200	0.00	0.14	0.02
4 0 CRYPTOMONADALES	6	377	2	10307	20614	0.34	7.77	1.07
4 0 CRYPTOMONADALES	7	628	1	10307	10307	0.17	6.47	0.89
4 0 CRYPTOMONAS SP.	2	754	13	2565	33345	0.55	25.14	3.45
5 0 CERATIUM HIRUNDINELLA (O.F.MÜLL)		44178	1	100	100	0.00	4.42	0.61
5 0 DINOPHYCEAE	1	105	6	10307	61842	1.03	6.49	0.89
5 0 DINOPHYCEAE	5	2010	1	2565	2565	0.04	5.16	0.71
6 62 CHRYSOCHROMULINA SP.	2	17	1	10307	10307	0.17	0.18	0.02
6 63 DINOBRYON BAVARICUM IMH.		226	225	2565	577125	9.60	130.43	17.88
6 63 DINOBRYON SOCIALE EHR.		157	3	2565	7695	0.13	1.21	0.17
6 63 DINOBRYON SP.	1	47	10	10307	103070	1.71	4.84	0.66
6 63 KEPHYRION SP.		92	13	10307	133991	2.23	12.33	1.69
6 63 MALLOMONAS SP.	4	837	1	2565	2565	0.04	2.15	0.29
6 63 PSEUDOPEDINELLA SP.	2	65	2	10307	20614	0.34	1.34	0.18
6 63 SPINIFEROMONAS SP.	1	65	2	10307	20614	0.34	1.34	0.18
6 63 UROGLENA SP.	1	105	1	10307	10307	0.17	1.08	0.15
6 65 ASTERIONELLA FORMOSA HASS.	1	540	11	100	1100	0.02	0.59	0.08
6 65 AULACOSEIRA AMBIGUA (GRUN.) SI	5	904	224	100	22400	0.37	20.25	2.78
6 65 AULACOSEIRA AMBIGUA (GRUN.) SI	6	1570	73	100	7300	0.12	11.46	1.57
6 65 AULACOSEIRA GRANULATA V. ANGUS		377	2	100	200	0.00	0.08	0.01
6 65 AULACOSEIRA ISLANDICA (O.MÜLL.		3184	126	100	12600	0.21	40.12	5.50
6 65 AULACOSEIRA SP.	2	755	740	100	74000	1.23	55.87	7.66
6 65 AULACOSEIRA SP.	3	1570	20	100	2000	0.03	3.14	0.43
6 65 BACILLARIALES	1	72	10	10307	103070	1.71	7.42	1.02
6 65 BACILLARIALES	2	135	2	2565	5130	0.09	0.69	0.09
6 65 BACILLARIALES	3	198	215	2565	551475	9.17	109.19	14.97
6 65 BACILLARIALES	10	2640	1	100	100	0.00	0.26	0.04
6 65 FRAGILARIA SP.	2	525	37	100	3700	0.06	1.94	0.27
6 65 SYNEDRA ULNA (NITZSCH) EHR.	2	5760	1	100	100	0.00	0.58	0.08
6 66 PSEUDOSTAURASTRUM LIMNETICUM (1018	1	100	100	0.00	0.10	0.01
7 71 EUGLENA SP.	1	3224	1	100	100	0.00	0.32	0.04
7 73 SCOURFIELDIA COMPLANATA G.S.W	cf.	31	1	10307	10307	0.17	0.32	0.04
7 74 CHLOROCOCCALES	2	24	2	10307	20614	0.34	0.49	0.07
7 74 CHLOROPHYCEAE	1	113	8	10307	82456	1.37	9.32	1.28
7 74 DICTYOSPHAERIUM SP.	2	619	1	10307	10307	0.17	6.38	0.87
7 74 KIRCHNERIELLA SP.	1	14	2	10307	20614	0.34	0.29	0.04
7 74 KIRCHNERIELLA SP.	2	100	1	10307	10307	0.17	1.03	0.14
7 74 KOLIELLA LONGISETA HIND.		126	63	2565	161595	2.69	20.36	2.79
7 74 KOLIELLA SPICULIFORMIS (VISCHE	1	4	2	10307	20614	0.34	0.08	0.01
7 74 MICRACTINIUM PUSILLUM FRES.		368	1	10307	10307	0.17	3.79	0.52
7 74 MONORAPHIDIUM CONTORTUM (THUR.	1	9	61	2565	156465	2.60	1.41	0.19
7 74 MONORAPHIDIUM CONTORTUM (THUR.	4	42	419	2565	1074735	17.87	45.14	6.19
7 74 MONORAPHIDIUM MINUTUM (NÄG.) K	1	32	1	10307	10307	0.17	0.33	0.05
7 74 PEDIASTRUM BORYANUM (TURP.) ME		20096	19	100	1900	0.03	38.18	5.23
7 74 PEDIASTRUM DUPLEX MEYEN	1	1963	2	100	200	0.00	0.39	0.05
7 74 PEDIASTRUM DUPLEX MEYEN	2	5024	2	100	200	0.00	1.00	0.14
7 74 SCENEDESMUS BICELLULARIS		75	18	10307	185526	3.08	13.91	1.91
7 74 SCENEDESMUS OPOLIENSIS P.RICH	1	201	1	10307	10307	0.17	2.07	0.28
7 74 SCENEDESMUS SEMPERVIRENS	1	167	1	10307	10307	0.17	1.72	0.24
7 74 SCENEDESMUS SEMPERVIRENS	2	335	3	10307	30921	0.51	10.36	1.42
7 74 SCENEDESMUS SP.	1	25	2	10307	20614	0.34	0.52	0.07
7 74 SCENEDESMUS SP.	4	151	2	10307	20614	0.34	3.11	0.43
7 74 SCENEDESMUS SP.	6	301	2	10307	20614	0.34	6.20	0.85
7 74 SPERMATOZOPSIS EXULTANS KORSH		19	1	10307	10307	0.17	0.20	0.03
7 74 TETRAEDRON SP.		211	1	10307	10307	0.17	2.17	0.30
7 75 CLOSTERIUM ACUTUM V. VARIABILE		377	2	100	200	0.00	0.08	0.01
7 75 CLOSTERIUM SP.	1	837	1	100	100	0.00	0.08	0.01
7 75 STAURASTRUM SP.	2	921	1	2565	2565	0.04	2.36	0.32
9 92 FLAGELLATES SPP. AUTO (OVAL)	2	5	8	10307	82456	1.37	0.41	0.06
9 92 FLAGELLATES SPP. AUTO (OVAL)	3	19	18	10307	185526	3.08	3.52	0.48
9 92 FLAGELLATES SPP. AUTO (OVAL)	4	64	3	10307	30921	0.51	1.98	0.27
9 92 FLAGELLATES SPP. AUTO (OVAL)	5	181	1	10307	10307	0.17	1.87	0.26
9 92 FLAGELLATES SPP. AUTO (SPHERE)	2	8	36	10307	371052	6.17	2.97	0.41
9 92 FLAGELLATES SPP. AUTO (SPHERE)	3	33	24	10307	247368	4.11	8.16	1.12
9 92 FLAGELLATES SPP. AUTO (SPHERE)	5	321	3	10307	30921	0.51	9.93	1.36

9 92	MONAD AUTOTROPHIC	1	6	21	10307	216447	3.60	1.30	0.18
9 92	MONAD AUTOTROPHIC	2	14	11	10307	113377	1.88	1.59	0.22
9 92	MONAD AUTOTROPHIC	3	24	9	10307	92763	1.54	2.23	0.31
9 92	MONAD AUTOTROPHIC	4	65	44	10307	453508	7.54	29.48	4.04
9 92	MONAD AUTOTROPHIC	6	180	1	10307	10307	0.17	1.86	0.25
2	CYANOPHYTA - CYANOPHYCEAE			89		458008	7.61	30.60	4.19
2 21	CHROOCOCCALES			50		454108	7.55	20.46	2.80
2 25	NOSTOCALES			39		3900	0.06	10.14	1.39
4	CRYPTOPHYTA			16		64266	1.07	39.39	5.40
5	DINOPHYTA			8		64507	1.07	16.07	2.20
6	CHRYSOPHYTA			1721		1669563	27.76	406.59	55.73
6 62	PRYMNESIOPHYCEAE			1		10307	0.17	0.18	0.02
6 63	CHRYSOPHYCEAE			257		875981	14.56	154.72	21.21
6 65	DIATOMOPHYCEAE			1462		783175	13.02	251.60	34.49
6 66	TRIBOPHYCEAE			1		100	0.00	0.10	0.01
7	CHLOROPHYTA			621		1913410	31.81	171.64	23.53
7 71	EUGLENOPHYCEAE			1		100	0.00	0.32	0.04
7 73	PRASINOPHYCEAE			1		10307	0.17	0.32	0.04
7 74	CHLOROPHYCEAE			615		1900138	31.59	168.47	23.09
7 75	CONJUGATOPHYCEAE			4		2865	0.05	2.52	0.35
9	OTHER PHYTOPLANKTON			179		1844953	30.67	65.28	8.95
9 92	MONADS AND FLAGELLATES			179		1844953	30.67	65.28	8.95
Total counted:				2634		6014707		729.56	
Total autotrophs:				2634		6014707	100.00	729.56	100.00
Total heterotrophs:				0		0	0.00	0.00	0.00