

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
 1309 units in 1 Pohja at 125x
 1004 units in 1 Mittajana at 250x

Species	Size A/H	Volume	Units	Coeff.	Units/l	Units %	ww µg/l	ww %
2 21 CHROOCOCCALES	4	5	3	10307	30921	0.41	0.15	0.02
2 21 CYANODICTYON IMPERFECTUM	2	10	2	10307	20614	0.27	0.21	0.02
2 21 MICROCYSTIS AERUGINOSA (KÜTZ.)	1	6542	1	100	100	0.00	0.65	0.07
2 21 MICROCYSTIS SP.	5	3271	3	100	300	0.00	0.98	0.11
2 21 MICROCYSTIS WESENBERGII (KOM.)	1	8707	1	100	100	0.00	0.87	0.09
2 21 SNOWELLA SP.	3	42	39	10307	401973	5.33	16.88	1.81
2 21 WORONICHINIA NAEGELIANA (UNGER)	3	7052	1	100	100	0.00	0.71	0.08
2 25 ANABAENA SP. 'STRAIGHT'	5	1308	11	100	1100	0.01	1.44	0.15
2 25 ANABAENA SP. 'STRAIGHT'	8	3215	20	100	2000	0.03	6.43	0.69
2 25 ANABAENA SP. 'STRAIGHT'	10	5233	1	100	100	0.00	0.52	0.06
2 25 ANABAENA SP. 'TWISTED'	9	3215	5	100	500	0.01	1.61	0.17
2 25 APHANIZOMENON SP.	3	707	2	100	200	0.00	0.14	0.02
4 0 CRYPTOMONADALES	6	377	2	10307	20614	0.27	7.77	0.83
4 0 CRYPTOMONADALES	7	628	1	10307	10307	0.14	6.47	0.69
4 0 CRYPTOMONAS SP.	2	754	13	4084	53092	0.70	40.03	4.29
5 0 CERATIUM HIRUNDINELLA (O.F.MÜLL)		44178	1	100	100	0.00	4.42	0.47
5 0 DINOPHYCEAE	1	105	6	10307	61842	0.82	6.49	0.70
5 0 DINOPHYCEAE	5	2010	1	4084	4084	0.05	8.21	0.88
6 62 CHRYSOCHROMULINA SP.	2	17	1	10307	10307	0.14	0.18	0.02
6 63 DINOBYRON BAVARICUM IMH.		226	225	4084	918900	12.19	207.67	22.26
6 63 DINOBYRON SOCIALE EHR.		157	3	4084	12252	0.16	1.92	0.21
6 63 DINOBYRON SP.	1	47	10	10307	103070	1.37	4.84	0.52
6 63 KEPHYRION SP.		92	13	10307	133991	1.78	12.33	1.32
6 63 MALLOMONAS SP.	4	837	1	4084	4084	0.05	3.42	0.37
6 63 PSEUDOPEDINELLA SP.	2	65	2	10307	20614	0.27	1.34	0.14
6 63 SPINIFEROMONAS SP.	1	65	2	10307	20614	0.27	1.34	0.14
6 63 UROGLENA SP.	1	105	1	10307	10307	0.14	1.08	0.12
6 65 ASTERIONELLA FORMOSA HASS.	1	540	11	100	1100	0.01	0.59	0.06
6 65 AULACOSEIRA AMBIGUA (GRUN.) SI	5	904	224	100	22400	0.30	20.25	2.17
6 65 AULACOSEIRA AMBIGUA (GRUN.) SI	6	1570	73	100	7300	0.10	11.46	1.23
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	0.17	40.12	4.30
6 65 AULACOSEIRA SP.	2	755	740	100	74000	0.98	55.87	5.99
6 65 AULACOSEIRA SP.	3	1570	20	100	2000	0.03	3.14	0.34
6 65 BACILLARIALES	1	72	10	10307	103070	1.37	7.42	0.80
6 65 BACILLARIALES	2	135	2	4084	8168	0.11	1.10	0.12
6 65 BACILLARIALES	3	198	215	4084	878060	11.65	173.86	18.64
6 65 BACILLARIALES	10	2640	1	100	100	0.00	0.26	0.03
6 65 FRAGILARIA SP.	2	525	37	100	3700	0.05	1.94	0.21
6 65 SYNEDRA ULNA (NITZSCH) EHR.	2	5760	1	100	100	0.00	0.58	0.06
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	0.03
7 73 SCOURFIELDIA COMPLANATA G.S.W	cf.	31	1	10307	10307	0.14	0.32	0.03
7 74 CHLOROCOCCALES	2	24	2	10307	20614	0.27	0.49	0.05
7 74 CHLOROPHYCEAE	1	113	8	10307	82456	1.09	9.32	1.00
7 74 DICTYOSPHAERIUM SP.	2	619	1	10307	10307	0.14	6.38	0.68
7 74 KIRCHNERIELLA SP.	1	14	2	10307	20614	0.27	0.29	0.03
7 74 KIRCHNERIELLA SP.	2	100	1	10307	10307	0.14	1.03	0.11
7 74 KOLIELLA LONGISETA HIND.		126	63	4084	257292	3.41	32.42	3.48
7 74 KOLIELLA SPICULIFORMIS (VISCHE	1	4	2	10307	20614	0.27	0.08	0.01
7 74 MICRACTINIUM PUSILLUM FRES.		368	1	10307	10307	0.14	3.79	0.41
7 74 MONORAPHIDIUM CONTORTUM (THUR.	1	9	61	4084	249124	3.30	2.24	0.24
7 74 MONORAPHIDIUM CONTORTUM (THUR.	4	42	419	4084	1711196	22.70	71.87	7.70
7 74 MONORAPHIDIUM MINUTUM (NÄG.) K	1	32	1	10307	10307	0.14	0.33	0.04
7 74 PEDIASTRUM BORYANUM (TURP.) ME		20096	19	100	1900	0.03	38.18	4.09
7 74 PEDIASTRUM DUPLEX MEYEN	1	1963	2	100	200	0.00	0.39	0.04
7 74 PEDIASTRUM DUPLEX MEYEN	2	5024	2	100	200	0.00	1.00	0.11
7 74 SCENEDESMUS BICELLULARIS		75	18	10307	185526	2.46	13.91	1.49
7 74 SCENEDESMUS OPOLIENSIS P.RICH	1	201	1	10307	10307	0.14	2.07	0.22
7 74 SCENEDESMUS SEMPERVIRENS	1	167	1	10307	10307	0.14	1.72	0.18
7 74 SCENEDESMUS SEMPERVIRENS	2	335	3	10307	30921	0.41	10.36	1.11
7 74 SCENEDESMUS SP.	1	25	2	10307	20614	0.27	0.52	0.06
7 74 SCENEDESMUS SP.	4	151	2	10307	20614	0.27	3.11	0.33
7 74 SCENEDESMUS SP.	6	301	2	10307	20614	0.27	6.20	0.67
7 74 SPERMATOZOPSIS EXULTANS KORSH		19	1	10307	10307	0.14	0.20	0.02
7 74 TETRAEDRON SP.		211	1	10307	10307	0.14	2.17	0.23
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	4084	4084	0.05	3.76	0.40
9 92 FLAGELLATES SPP. AUTO (OVAL)	2	5	8	10307	82456	1.09	0.41	0.04
9 92 FLAGELLATES SPP. AUTO (OVAL)	3	19	18	10307	185526	2.46	3.52	0.38
9 92 FLAGELLATES SPP. AUTO (OVAL)	4	64	3	10307	30921	0.41	1.98	0.21
9 92 FLAGELLATES SPP. AUTO (OVAL)	5	181	1	10307	10307	0.14	1.87	0.20
9 92 FLAGELLATES SPP. AUTO (SPHERE)	2	8	36	10307	371052	4.92	2.97	0.32
9 92 FLAGELLATES SPP. AUTO (SPHERE)	3	33	24	10307	247368	3.28	8.16	0.88
9 92 FLAGELLATES SPP. AUTO (SPHERE)	5	321	3	10307	30921	0.41	9.93	1.06

9 92	MONAD AUTOTROPHIC	1	6	21	10307	216447	2.87	1.30	0.14
9 92	MONAD AUTOTROPHIC	2	14	11	10307	113377	1.50	1.59	0.17
9 92	MONAD AUTOTROPHIC	3	24	9	10307	92763	1.23	2.23	0.24
9 92	MONAD AUTOTROPHIC	4	65	44	10307	453508	6.01	29.48	3.16
9 92	MONAD AUTOTROPHIC	6	180	1	10307	10307	0.14	1.86	0.20
2	CYANOPHYTA - CYANOPHYCEAE			89		458008	6.07	30.60	3.28
2 21	CHROOCOCCELES			50		454108	6.02	20.46	2.19
2 25	NOSTOCALES			39		3900	0.05	10.14	1.09
4	CRYPTOPHYTA			16		84013	1.11	54.28	5.82
5	DINOPHYTA			8		66026	0.88	19.12	2.05
6	CHRYSOPHYTA			1721		2347037	31.13	550.89	59.06
6 62	PRYMNESIOPHYCEAE			1		10307	0.14	0.18	0.02
6 63	CHRYSOPHYCEAE			257		1223832	16.23	233.95	25.08
6 65	DIATOMOPHYCEAE			1462		1112798	14.76	316.67	33.95
6 66	TRIBOPHYCEAE			1		100	0.00	0.10	0.01
7	CHLOROPHYTA			621		2739746	36.34	212.66	22.80
7 71	EUGLENOPHYCEAE			1		100	0.00	0.32	0.03
7 73	PRASINOPHYCEAE			1		10307	0.14	0.32	0.03
7 74	CHLOROPHYCEAE			615		2724955	36.14	208.10	22.31
7 75	CONJUGATOPHYCEAE			4		4384	0.06	3.92	0.42
9	OTHER PHYTOPLANKTON			179		1844953	24.47	65.28	7.00
9 92	MONADS AND FLAGELLATES			179		1844953	24.47	65.28	7.00
Total counted:				2634		7539783		932.83	
Total autotrophs:				2634		7539783	100.00	932.83	100.00
Total heterotrophs:				0		0	0.00	0.00	0.00