

SAMPLE: 16791
 PLACE: Littoistenjärvi , yhdistetty N E
 DATE: 20.6.2017
 DEPTH: 0.00- 0.00 m

COUNTED BY Lounais-Suomen vesi- ja ympäristötutkimus Oy, SA ON 1/9/2018

CHAMBER VOLUME=3ml, DIAM=26mm

BIOMASS OF PHYTOPLANKTON COUNTED WITH Leica DMI3000 B:
 400 units in 100 Kenttiä at 788x
 418 units in 1 Mittajana at 250x
 1295 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	29	34701	1006329	5.03	5.03	0.20
2 21 CHROOCOCCALES	7	10	2	34701	69402	0.35	0.69	0.03
2 21 CHROOCOCCALES	11	26	2	34701	69402	0.35	1.80	0.07
2 21 MICROCYSTIS AERUGINOSA (KÜTZ.)	1	6542	1	333	333	0.00	2.18	0.09
2 21 MICROCYSTIS SP.	2	65	25	333	8325	0.04	0.54	0.02
2 21 MICROCYSTIS SP.	5	3271	1	333	333	0.00	1.09	0.04
2 21 MICROCYSTIS WESENBERGII (KOM.)	1	8707	1	333	333	0.00	2.90	0.11
2 21 SNOWELLA SP.	1	10	1	34701	34701	0.17	0.35	0.01
2 21 SNOWELLA SP.	3	42	14	34701	485814	2.43	20.40	0.80
2 25 ANABAENA SP. 'STRAIGHT'	6	1922	7	333	2331	0.01	4.48	0.18
2 25 ANABAENA SP. 'STRAIGHT'	8	3215	10	333	3330	0.02	10.71	0.42
2 25 APHANIZOMENON SP.	5	1256	1	333	333	0.00	0.42	0.02
4 0 CRYPTOMONADALES	4	151	3	34701	104103	0.52	15.72	0.62
5 0 DINOPHYCEAE	10	31387	1	333	333	0.00	10.45	0.41
5 0 GYMNODINIUM SP.	4	412	1	34701	34701	0.17	14.30	0.56
6 62 CHRYSOCHROMULINA SP.	2	17	1	34701	34701	0.17	0.59	0.02
6 63 KEPHYRION SP.	92	34	34	34701	1179834	5.90	108.54	4.26
6 63 MALLOMONAS SP.	3	335	1	13614	13614	0.07	4.56	0.18
6 63 PSEUDOKEPHYRION SP.	151	1	1	34701	34701	0.17	5.24	0.21
6 63 PSEUDOPEDINELLA SP.	2	65	13	34701	451113	2.26	29.32	1.15
6 63 PSEUDOPEDINELLA SP.	3	132	1	34701	34701	0.17	4.58	0.18
6 63 SPINIFEROMONAS SP.	1	65	15	34701	520515	2.60	33.83	1.33
6 65 ASTERIONELLA FORMOSA HASS.	1	540	14	333	4662	0.02	2.52	0.10
6 65 AULACOSEIRA AMBIGUA (GRUN.) SI	6	1570	142	333	47286	0.24	74.24	2.91
6 65 AULACOSEIRA GRANULATA V. ANGUS	377	10	333	3330	0.02	1.26	0.05	
6 65 AULACOSEIRA SP.	2	755	743	333	247419	1.24	186.80	7.33
6 65 AULACOSEIRA SP.	3	1570	303	333	100899	0.50	158.41	6.21
6 65 AULACOSEIRA SP.	4	4019	3	333	999	0.00	4.01	0.16
6 65 BACILLARIALES	2	135	5	13614	68070	0.34	9.19	0.36
6 65 BACILLARIALES	3	198	361	13614	4914654	24.57	973.10	38.18
6 65 BACILLARIALES	7	1800	3	13614	40842	0.20	73.52	2.88
6 65 EUPODISCALES	4	135	1	34701	34701	0.17	4.68	0.18
6 65 EUPODISCALES	7	3140	1	13614	13614	0.07	42.75	1.68
6 65 RHIZOLENIA LONGISETA ZACH.	1	1319	7	13614	95298	0.48	125.70	4.93
6 65 SYNEDRA ACUS KÜTZ.	4	3200	2	333	666	0.00	2.13	0.08
6 65 TABELLARIA FLOCCULOSA (ROTH) K	5	3240	10	333	3330	0.02	10.79	0.42
6 66 CENTRITRACTUS AFRICANUS FRITS	cf.	294	3	34701	104103	0.52	30.61	1.20
6 66 PSEUDOSTAURASTRUM LIMNETICUM (1018	1	333	333	0.00	0.34	0.01	
7 74 KIRCHNERIELLA SP.	1	cf.	4	34701	138804	0.69	1.94	0.08
7 74 KOLIELLA LONGISETA HIND.	126	6	13614	81684	0.41	10.29	0.40	
7 74 KOLIELLA SPICULIFORMIS (VISCHE)	1	4	13	13614	176982	0.88	0.71	0.03
7 74 LAGERHEIMIA GENEVENSIS (CHOD.)	126	4	34701	138804	0.69	17.49	0.69	
7 74 MICRACTINIUM PUSILLUM FRES.	368	1	34701	34701	0.17	12.77	0.50	
7 74 MONORAPHIDIUM CONTORTUM (THUR.)	1	9	3	34701	104103	0.52	0.94	0.04
7 74 MONORAPHIDIUM CONTORTUM (THUR.)	3	26	21	13614	285894	1.43	7.43	0.29
7 74 MONORAPHIDIUM MINUTUM (NÄG.) K	1	32	1	34701	34701	0.17	1.11	0.04
7 74 OOCYSTIS SP.	1	59	6	34701	208206	1.04	12.28	0.48
7 74 PEDIASTRUM BIRADIATUM MEYEN	5888	1	333	333	0.00	1.96	0.08	
7 74 PEDIASTRUM BORYANUM (TURP.) ME	20096	9	333	2997	0.01	60.23	2.36	
7 74 PEDIASTRUM DUPLEX MEYEN	1	1963	1	333	333	0.00	0.65	0.03
7 74 PEDIASTRUM DUPLEX MEYEN	2	5024	4	333	1332	0.01	6.69	0.26
7 74 PEDIASTRUM DUPLEX MEYEN	5	17663	1	333	333	0.00	5.88	0.23
7 74 SCENEDESMUS ARMATUS CHOD.	3	402	1	34701	34701	0.17	13.95	0.55
7 74 SCENEDESMUS SP.	1	25	6	34701	208206	1.04	5.21	0.20
7 74 SCENEDESMUS SP.	2	50	1	34701	34701	0.17	1.74	0.07
7 74 SCENEDESMUS SP.	4	151	1	34701	34701	0.17	5.24	0.21
7 74 SCENEDESMUS SP.	6	301	1	34701	34701	0.17	10.45	0.41
7 74 SPERMATOPHYTES EXULTANS KORSH	cf.	19	1	34701	34701	0.17	0.66	0.03
7 74 TETRAEDRON MINIMUM (A.BRAUN) H	256	1	34701	34701	0.17	8.88	0.35	
7 74 TREUBARIA TRIAPPENDICULATA BE	1	117	1	34701	34701	0.17	4.06	0.16
7 74 VOLVOCALES	3	67	1	34701	34701	0.17	2.32	0.09
7 74 VOLVOCALES	4	113	1	34701	34701	0.17	3.92	0.15
7 75 CLOSTERIUM ACUTUM BREB.	916	1	333	333	0.00	0.31	0.01	
7 75 CLOSTERIUM ACUTUM V. VARIABILE	377	2	333	666	0.00	0.25	0.01	
7 75 CLOSTERIUM GRACILE BREB.	2	1790	1	333	333	0.00	0.60	0.02
9 92 FLAGELLATES SPP. AUTO (OVAL)	2	5	24	34701	832824	4.16	4.16	0.16
9 92 FLAGELLATES SPP. AUTO (OVAL)	3	19	37	34701	1283937	6.42	24.39	0.96
9 92 FLAGELLATES SPP. AUTO (OVAL)	4	64	3	34701	104103	0.52	6.66	0.26
9 92 FLAGELLATES SPP. AUTO (SPHERE)	2	8	49	34701	1700349	8.50	13.60	0.53
9 92 FLAGELLATES SPP. AUTO (SPHERE)	3	33	42	34701	1457442	7.29	48.10	1.89
9 92 FLAGELLATES SPP. AUTO (SPHERE)	4	113	2	34701	69402	0.35	7.84	0.31
9 92 FLAGELLATES SPP. AUTO (SPHERE)	5	321	1	34701	34701	0.17	11.14	0.44
9 92 MONAD AUTOTROPHIC	1	6	1	34701	34701	0.17	0.21	0.01
9 92 MONAD AUTOTROPHIC	2	14	18	34701	624618	3.12	8.74	0.34
9 92 MONAD AUTOTROPHIC	3	24	10	34701	347010	1.73	8.33	0.33
9 92 MONAD AUTOTROPHIC	4	65	32	34701	1110432	5.55	72.18	2.83

9	92	MONAD AUTOTROPHIC	5	92	6	34701	208206	1.04	19.15	0.75
9	92	MONAD AUTOTROPHIC	6	180	18	34701	624618	3.12	112.43	4.41
9	92	MONAD AUTOTROPHIC	9	523	2	34701	69402	0.35	36.30	1.42
2		CYANOPHYTA - CYANOPHYCEAE			94		1680966	8.40	50.59	1.98
2	21	CHROOCOCCALES			76		1674972	8.37	34.99	1.37
2	25	NOSTOCALES			18		5994	0.03	15.60	0.61
4		CRYPTOPHYTA			3		104103	0.52	15.72	0.62
5		DINOPHYTA			2		35034	0.18	24.75	0.97
6		CHRYSOPHYTA			1675		7949385	39.74	1886.71	74.02
6	62	PRYMNESIOPHYCEAE			1		34701	0.17	0.59	0.02
6	63	CHRYSOPHYCEAE			65		2234478	11.17	186.08	7.30
6	65	DIATOMOPHYCEAE			1605		5575770	27.88	1669.10	65.48
6	66	TRIBOPHYCEAE			4		104436	0.52	30.95	1.21
7		CHLOROPHYTA			94		1731054	8.65	197.96	7.77
7	74	CHLOROPHYCEAE			90		1729722	8.65	196.81	7.72
7	75	CONJUGATOPHYCEAE			4		1332	0.01	1.15	0.05
9		OTHER PHYTOPLANKTON			245		8501745	42.50	373.24	14.64
9	92	MONADS AND FLAGELLATES			245		8501745	42.50	373.24	14.64
Total counted:					2113		20002287		2548.98	
Total autotrophs:					2113		20002287	100.00	2548.98	100.00
Total heterotrophs:					0		0	0.00	0.00	0.00