

SAMPLE: 14098  
 PLACE: Littoistenjärvi , yhdistetty N E  
 DATE: 31.8.2017  
 DEPTH: 0.00- 0.00 m

COUNTED BY Lounais-Suomen vesi- ja ympäristötutkimus Oy, SA ON 1/24/2018

CHAMBER VOLUME=10ml, DIAM=26mm

BIOMASS OF PHYTOPLANKTON COUNTED WITH Leica DMI3000 B:

412 units in 75 Kenttiä at 788x  
 593 units in 2 Mittajana at 250x  
 1184 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	8	13881	111048	1.58	0.56	0.05
2 21 CHROOCOCCALES	7	10	7	13881	97167	1.38	0.97	0.08
2 21 CHROOCOCCALES	11	26	5	13881	69405	0.98	1.80	0.16
2 21 CHROOCOCCALES	16	52	1	13881	13881	0.20	0.72	0.06
2 21 MICROCYSTIS SP.	4	707	1	100	100	0.00	0.07	0.01
2 21 SNOWELLA SP.	1	10	2	13881	27762	0.39	0.28	0.02
2 21 SNOWELLA SP.	3	42	2	13881	27762	0.39	1.17	0.10
2 25 ANABAENA SP. 'STRAIGHT'	1	641	1	2042	2042	0.03	1.31	0.11
2 25 APHANIZOMENON SP.	5	1256	2	100	200	0.00	0.25	0.02
4 0 CRYPTOMONADALES	2	24	2	13881	27762	0.39	0.67	0.06
4 0 CRYPTOMONADALES	4	151	1	13881	13881	0.20	2.10	0.18
4 0 CRYPTOMONADALES	6	377	1	13881	13881	0.20	5.23	0.46
4 0 CRYPTOMONAS SP.	2	754	1	2042	2042	0.03	1.54	0.13
4 0 KATABLEPHARIS OVALIS SKUJA	1 HET	92	7	13881	97167	1.38	8.94	0.78
4 0 RHODOMONAS LACUSTRIS PASCH.&R	1	37	18	13881	249858	3.54	9.24	0.81
5 0 CERATIUM HIRUNDINELLA (O.F.MÜL		44178	16	100	1600	0.02	70.68	6.17
5 0 PERIDINIUM SP.	6	29910	10	100	1000	0.01	29.91	2.61
6 63 BITRICHIA CHODATII (REV.) CHOD		226	10	2042	20420	0.29	4.61	0.40
6 63 DINOBRYON ACUMINATUM RUTTN.		117	7	2042	14294	0.20	1.67	0.15
6 63 DINOBRYON DIVERGENS IMH.		153	26	100	2600	0.04	0.40	0.03
6 63 KEPHYRION SP.		92	5	13881	69405	0.98	6.39	0.56
6 63 MALLOMONAS AKROKOMOS RUTTN.	1	1010	4	2042	8168	0.12	8.25	0.72
6 63 MALLOMONAS SP.	3	335	3	13881	41643	0.59	13.95	1.22
6 63 MALLOMONAS SP.	4	837	15	2042	30630	0.43	25.64	2.24
6 63 PSEUDOPEDINELLA SP.	1	21	1	13881	13881	0.20	0.29	0.03
6 63 PSEUDOPEDINELLA SP.	2	65	8	13881	111048	1.58	7.22	0.63
6 63 SPINIFEROMONAS SP.	1	65	2	13881	27762	0.39	1.80	0.16
6 65 ASTERIONELLA FORMOSA HASS.	1	540	401	2042	818842	11.62	442.17	38.61
6 65 AULACOSEIRA AMBIGUA (GRUN.) SI	6	1570	511	100	51100	0.72	80.23	7.01
6 65 AULACOSEIRA GRANULATA V. ANGUS		377	3	100	300	0.00	0.11	0.01
6 65 AULACOSEIRA SP.	2	755	378	100	37800	0.54	28.54	2.49
6 65 AULACOSEIRA SP.	3	1570	183	100	18300	0.26	28.73	2.51
6 65 BACILLARIALES	2	135	2	2042	4084	0.06	0.55	0.05
6 65 BACILLARIALES	3	198	3	2042	6126	0.09	1.21	0.11
6 65 BACILLARIALES	8	1980	1	2042	2042	0.03	4.04	0.35
6 65 EUPODISCALES	4	135	1	13881	13881	0.20	1.87	0.16
6 65 EUPODISCALES	5	393	9	13881	124929	1.77	49.10	4.29
6 65 EUPODISCALES	6	1325	3	13881	41643	0.59	55.18	4.82
6 65 RHIZOLENIA LONGISETA ZACH.	1	1319	2	2042	4084	0.06	5.39	0.47
6 65 SYNEDRA ACUS KÜTZ.	5	10080	1	100	100	0.00	1.01	0.09
6 66 GONIOCHLORIS FALLAX FOTT		3395	1	2042	2042	0.03	6.93	0.61
6 66 OPHIOCYTIUM CAPITATUM WOLLE		2308	3	2042	6126	0.09	14.14	1.23
7 74 ANKYRA JUDAYI (G.M.SM.) FOTT		71	135	2042	275670	3.91	19.57	1.71
7 74 BOTRYOCOCCUS SP.	1	589	2	100	200	0.00	0.12	0.01
7 74 CHLOROCOCCALES	1	8	20	13881	277620	3.94	2.22	0.19
7 74 CHLOROCOCCALES	2	24	6	13881	83286	1.18	2.00	0.17
7 74 CHLOROCOCCALES	4	718	1	13881	13881	0.20	9.97	0.87
7 74 DICTYOSPHAERIUM PULCHELLUM WO		452	1	13881	13881	0.20	6.27	0.55
7 74 ELAKATOTHRIX GENEVENSIS HIND.	1	7	8	13881	111048	1.58	0.78	0.07
7 74 KIRCHNERIELLA SP.	1	14	5	13881	69405	0.98	0.97	0.08
7 74 KOLIELLA SPICULIFORMIS (VISCHE	1	4	8	13881	111048	1.58	0.44	0.04
7 74 MONOMASTIX SP.	1	31	1	13881	13881	0.20	0.43	0.04
7 74 MONORAPHIDIUM CONTORTUM (THUR.	1	9	6	2042	12252	0.17	0.11	0.01
7 74 MONORAPHIDIUM DYBOWSKII (WOLOS	2	84	8	13881	111048	1.58	9.33	0.81
7 74 MONORAPHIDIUM MINUTUM (NÄG.) K	1	32	1	13881	13881	0.20	0.44	0.04
7 74 MONORAPHIDIUM SP.	1	10	1	13881	13881	0.20	0.14	0.01
7 74 OOCYSTIS SP.	1	59	4	13881	55524	0.79	3.28	0.29
7 74 OOCYSTIS SP.	2	196	1	13881	13881	0.20	2.72	0.24
7 74 PEDIASTRUM BORYANUM (TURP.) ME		20096	15	100	1500	0.02	30.14	2.63
7 74 PEDIASTRUM DUPLEX MEYEN	1	1963	1	2042	2042	0.03	4.01	0.35
7 74 PSEUDOSPHAEROCYSTIS LACUSTRIS	1	1072	3	13881	41643	0.59	44.64	3.90
7 74 SCENEDESMUS BICELLULARIS		75	5	13881	69405	0.98	5.21	0.45
7 74 SPERMATIZOOPSIS EXULTANS KORSH		19	2	13881	27762	0.39	0.53	0.05
7 74 TETRASTRUM SP.		247	1	13881	13881	0.20	3.43	0.30
7 75 CLOSTERIUM ACUTUM V. VARIABILE		377	36	100	3600	0.05	1.36	0.12
7 75 COSMARIUM SP.	1	88	1	13881	13881	0.20	1.22	0.11
9 92 FLAGELLATES SPP. AUTO (OVAL)	2	5	61	13881	846741	12.01	4.23	0.37
9 92 FLAGELLATES SPP. AUTO (OVAL)	3	19	36	13881	499716	7.09	9.49	0.83
9 92 FLAGELLATES SPP. AUTO (OVAL)	4	64	2	13881	27762	0.39	1.78	0.16
9 92 FLAGELLATES SPP. AUTO (OVAL)	5	181	1	13881	13881	0.20	2.51	0.22
9 92 FLAGELLATES SPP. AUTO (SPHERE)	2	8	61	13881	846741	12.01	6.77	0.59
9 92 FLAGELLATES SPP. AUTO (SPHERE)	3	33	16	13881	222096	3.15	7.33	0.64
9 92 FLAGELLATES SPP. AUTO (SPHERE)	4	113	2	13881	27762	0.39	3.14	0.27
9 92 MONAD AUTOTROPHIC	1	6	3	13881	41643	0.59	0.25	0.02
9 92 MONAD AUTOTROPHIC	2	14	40	13881	555240	7.88	7.77	0.68
9 92 MONAD AUTOTROPHIC	3	24	8	13881	111048	1.58	2.67	0.23

9	92	MONAD AUTOTROPHIC	4	65	14	13881	194334	2.76	12.63	1.10
9	92	MONAD AUTOTROPHIC	6	180	5	13881	69405	0.98	12.49	1.09
2		CYANOPHYTA - CYANOPHYCEAE			29		349367	4.96	7.13	0.62
2	21	CHROOCOCCALES			26		347125	4.92	5.57	0.49
2	25	NOSTOCALES			3		2242	0.03	1.56	0.14
4		CRYPTOPHYTA			30		404591	5.74	27.72	2.42
5		DINOPHYTA			26		2600	0.04	100.59	8.78
6		CHRYSOPHYTA			1583		1471250	20.87	789.43	68.93
6	63	CHRYSOPHYCEAE			81		339851	4.82	70.22	6.13
6	65	DIATOMOPHYCEAE			1498		1123231	15.94	698.14	60.96
6	66	TRIBOPHYCEAE			4		8168	0.12	21.07	1.84
7		CHLOROPHYTA			272		1364101	19.35	149.33	13.04
7	74	CHLOROPHYCEAE			235		1346620	19.11	146.75	12.81
7	75	CONJUGATOPHYCEAE			37		17481	0.25	2.58	0.23
9		OTHER PHYTOPLANKTON			249		3456369	49.04	71.07	6.21
9	92	MONADS AND FLAGELLATES			249		3456369	49.04	71.07	6.21
Total counted:					2189		7048278		1145.27	
Total autotrophs:					2182		6951111	98.62	1136.33	99.22
Total heterotrophs:					7		97167	1.38	8.94	0.78