

SAMPLE: 15742  
 PLACE: Littoistenjärvi , yhdistetty N E  
 DATE: 13.9.2018  
 DEPTH: 0.00- 0.00 m

COUNTED BY Lounais-Suomen vesi- ja ympäristötutkimus Oy, SA ON 5/2/2019

CHAMBER VOLUME=25ml, DIAM=26mm

BIOMASS OF PHYTOPLANKTON COUNTED WITH Leica DMI3000 B:  
 426 units in 65 Kenttiä at 788x  
 397 units in 2 Mittajana at 250x  
 196 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	14	6406	89684	2.93	0.45	0.10
2 21 CHROOCOCCALES	6	9	2	6406	12812	0.42	0.12	0.02
2 21 CHROOCOCCALES	13	42	2	6406	12812	0.42	0.54	0.11
2 21 SNOWELLA SP.	3	42	1	6406	6406	0.21	0.27	0.06
2 25 ANABAENA SP. 'STRAIGHT'	8	3215	1	40	40	0.00	0.13	0.03
2 25 ANABAENA SP. 'TWISTED'	6	1308	1	40	40	0.00	0.05	0.01
2 25 APHANIZOMENON SP.	5	cf. 1256	2	40	80	0.00	0.10	0.02
4 0 CRYPTOMONADALES	4	151	5	6406	32030	1.05	4.84	1.03
4 0 CRYPTOMONADALES	6	377	5	6406	32030	1.05	12.08	2.57
4 0 CRYPTOMONAS SP.	2	754	72	817	58824	1.92	44.35	9.46
4 0 CRYPTOMONAS SP.	3	1769	57	817	46569	1.52	82.38	17.57
4 0 CRYPTOMONAS SP.	4	2257	16	817	13072	0.43	29.50	6.29
4 0 RHODOMONAS LACUSTRIS PASCH.&R	1	37	73	6406	467638	15.28	17.30	3.69
4 0 RHODOMONAS LACUSTRIS PASCH.&R	3	122	64	6406	409984	13.39	50.02	10.67
4 0 RHODOMONAS LACUSTRIS PASCH.&R	4	204	28	6406	179368	5.86	36.59	7.80
5 0 CERATIUM HIRUNDINELLA (O.F.MÜL		44178	27	40	1080	0.04	47.71	10.17
5 0 DINOPHYCEAE	4	942	1	817	817	0.03	0.77	0.16
5 0 PERIDINIUM SP.	6	29910	4	40	160	0.01	4.79	1.02
6 62 CHRYSOCHROMULINA SP.	2	17	9	6406	57654	1.88	0.98	0.21
6 63 MALLOMONAS SP.	4	837	4	817	3268	0.11	2.74	0.58
6 63 MALLOMONAS TONSURATA TEIL.	1	670	2	817	1634	0.05	1.09	0.23
6 63 PSEUDOPEDINELLA SP.	2	65	7	6406	44842	1.46	2.91	0.62
6 63 SPINIFEROMONAS SP.	1	65	1	6406	6406	0.21	0.42	0.09
6 65 ASTERIONELLA FORMOSA HASS.	1	540	68	40	2720	0.09	1.47	0.31
6 65 AULACOSEIRA AMBIGUA (GRUN.) SI	6	1570	4	817	3268	0.11	5.13	1.09
6 65 AULACOSEIRA GRANULATA V. ANGUS		377	40	817	32680	1.07	12.32	2.63
6 65 BACILLARIALES	3	198	5	817	4085	0.13	0.81	0.17
6 65 BACILLARIALES	12	6075	4	40	160	0.01	0.97	0.21
6 65 EUPODISCALES	3	49	2	6406	12812	0.42	0.63	0.13
6 65 EUPODISCALES	5	393	1	6406	6406	0.21	2.52	0.54
6 65 EUPODISCALES	6	1325	2	817	1634	0.05	2.17	0.46
6 66 PSEUDOSTAURASTRUM LIMNETICUM (		1018	6	40	240	0.01	0.24	0.05
7 71 EUGLENA SP.	1	3224	1	40	40	0.00	0.13	0.03
7 71 EUGLENOPHYCEAE		1413	1	817	817	0.03	1.15	0.25
7 71 TRACHELOMONAS ARMATA (EHR.) ST		12382	1	40	40	0.00	0.50	0.11
7 74 ANKYRA JUDAYI (G.M.SM.) FOTT		71	193	817	157681	5.15	11.20	2.39
7 74 BOTRYOCOCCUS SP.	1	589	1	40	40	0.00	0.02	0.01
7 74 CHLOROCOCCALES	2	24	16	6406	102496	3.35	2.46	0.52
7 74 CHLOROPHYCEAE	1	113	3	6406	19218	0.63	2.17	0.46
7 74 CHLOROPHYCEAE	2	1072	5	6406	32030	1.05	34.34	7.32
7 74 COELASTRUM CAMBRICUM ARCHER	1	8373	1	40	40	0.00	0.33	0.07
7 74 COELASTRUM MICROPORUM NÄG.		3215	1	40	40	0.00	0.13	0.03
7 74 MONOMASTIX SP.	1	31	4	6406	25624	0.84	0.79	0.17
7 74 MONORAPHIDIUM DYBOWSKII (WOLOS	1	16	3	6406	19218	0.63	0.31	0.07
7 74 MONORAPHIDIUM MINUTUM (NÄG.) K	1	32	1	6406	6406	0.21	0.20	0.04
7 74 PEDIASTRUM BORYANUM (TURP.) ME		20096	8	40	320	0.01	6.43	1.37
7 74 PEDIASTRUM DUPLEX MEYEN	1	1963	1	40	40	0.00	0.08	0.02
7 74 PEDIASTRUM DUPLEX MEYEN	2	5024	2	40	80	0.00	0.40	0.09
7 75 CLOSTERIUM ACUTUM V. VARIABILE		377	67	40	2680	0.09	1.01	0.22
9 92 FLAGELLATES SPP. AUTO (OVAL)	2	5	1	6406	6406	0.21	0.03	0.01
9 92 FLAGELLATES SPP. AUTO (OVAL)	3	19	6	6406	38436	1.26	0.73	0.16
9 92 FLAGELLATES SPP. AUTO (SPHERE)	2	8	3	6406	19218	0.63	0.15	0.03
9 92 FLAGELLATES SPP. AUTO (SPHERE)	3	33	8	6406	51248	1.67	1.69	0.36
9 92 FLAGELLATES SPP. AUTO (SPHERE)	4	113	1	6406	6406	0.21	0.72	0.15
9 92 MONAD AUTOTROPHIC	1	6	1	6406	6406	0.21	0.04	0.01
9 92 MONAD AUTOTROPHIC	2	14	109	6406	698254	22.81	9.78	2.08
9 92 MONAD AUTOTROPHIC	3	24	6	6406	38436	1.26	0.92	0.20
9 92 MONAD AUTOTROPHIC	4	65	37	6406	237022	7.74	15.41	3.29
9 92 MONAD AUTOTROPHIC	6	180	6	6406	38436	1.26	6.92	1.48
9 92 MONAD AUTOTROPHIC	7	188	1	6406	6406	0.21	1.20	0.26
9 92 MONAD AUTOTROPHIC	9	523	1	6406	6406	0.21	3.35	0.71
2 CYANOPHYTA - CYANOPHYCEAE			23		121874	3.98	1.65	0.35
2 21 CHROOCOCCALES			19		121714	3.98	1.37	0.29
2 25 NOSTOCALES			4		160	0.01	0.28	0.06
4 CRYPTOPHYTA			320		1239515	40.49	277.06	59.08
5 DINOPHYTA			32		2057	0.07	53.27	11.36
6 CHRYSOPHYTA			155		177809	5.81	34.40	7.33
6 62 PRYMNESIOPHYCEAE			9		57654	1.88	0.98	0.21
6 63 CHRYSOPHYCEAE			14		56150	1.83	7.16	1.53
6 65 DIATOMOPHYCEAE			126		63765	2.08	26.01	5.55
6 66 TRIBOPHYCEAE			6		240	0.01	0.24	0.05
7 CHLOROPHYTA			309		366810	11.98	61.66	13.15
7 71 EUGLENOPHYCEAE			3		897	0.03	1.78	0.38
7 74 CHLOROPHYCEAE			239		363233	11.87	58.87	12.55
7 75 CONJUGATOPHYCEAE			67		2680	0.09	1.01	0.22

9	OTHER PHYTOPLANKTON	180	1153080	37.67	40.95	8.73
9 92	MONADS AND FLAGELLATES	180	1153080	37.67	40.95	8.73
	Total counted:	1019	3061145		468.98	
	Total autotrophs:	1019	3061145	100.00	468.98	100.00
	Total heterotrophs:	0	0	0.00	0.00	0.00