

SAMPLE: 6865  
 PLACE: Littoistenjärvi , yhdistetty N E  
 DATE: 17.5.2018  
 DEPTH: 0.00- 0.00 m

COUNTED BY Lounais-Suomen vesi- ja ympäristötutkimus Oy, SA ON 4/10/2019

CHAMBER VOLUME=10ml, DIAM=26mm

BIOMASS OF PHYTOPLANKTON COUNTED WITH Leica DMI3000 B:  
 469 units in 50 Kenttiä at 788x  
 448 units in 2 Mittajana at 250x  
 1499 units in 1 Pohja at 125x

Species	Size A/H	Volume	Units	Coeff.	Units/l	Units %	ww µg/l	ww %
2 21 CHROOCOCCALES	6	9	1	20821	20821	0.20	0.19	0.01
2 21 CHROOCOCCALES	7	10	1	20821	20821	0.20	0.21	0.01
2 21 CHROOCOCCALES	18	84	1	20821	20821	0.20	1.75	0.12
2 21 SNOWELLA SP.	3	42	8	20821	166568	1.61	7.00	0.47
2 21 SNOWELLA SP.	5	84	1	20821	20821	0.20	1.75	0.12
2 25 ANABAENA SP. 'STRAIGHT'	2	837	63	100	6300	0.06	5.27	0.36
2 25 ANABAENA SP. 'STRAIGHT'	5	1308	21	100	2100	0.02	2.75	0.19
2 25 ANABAENA SP. 'STRAIGHT'	6	1922	1	2042	2042	0.02	3.92	0.27
2 25 ANABAENA SP. 'STRAIGHT'	8	3215	4	100	400	0.00	1.29	0.09
2 25 ANABAENA SP. 'STRAIGHT'	10	5233	23	100	2300	0.02	12.04	0.82
2 25 APHANIZOMENON SP.	3	707	11	100	1100	0.01	0.78	0.05
4 0 KATABLEPHARIS OVALIS SKUJA	1 HET	92	39	20821	812019	7.87	74.71	5.06
4 0 RHODOMONAS LACUSTRIS PASCH.&R	1	37	6	20821	124926	1.21	4.62	0.31
5 0 DINOPHYCEAE	1	105	2	20821	41642	0.40	4.37	0.30
5 0 DINOPHYCEAE	2	251	1	20821	20821	0.20	5.23	0.35
6 62 CHRYSOCHROMULINA SP.	1	9	5	20821	104105	1.01	0.94	0.06
6 62 CHRYSOCHROMULINA SP.	2	17	40	20821	832840	8.07	14.16	0.96
6 63 BITRICHIA CHODATII (REV.) CHOD		226	2	2042	4084	0.04	0.92	0.06
6 63 CHRYSIDIATRUM CATENATUM LAUT		1281	15	20821	312315	3.03	400.08	27.09
6 63 CHRYSOLYKOS PLANCTONICUS MACK		105	1	20821	20821	0.20	2.19	0.15
6 63 DINOBYRON BAVARICUM IMH.		226	33	100	3300	0.03	0.75	0.05
6 63 PSEUDOPEDINELLA SP.	2	65	16	20821	333136	3.23	21.65	1.47
6 63 UROGLENA SP.	1	105	170	20821	3539570	34.30	371.65	25.17
6 65 ASTERIONELLA FORMOSA HASS.	2	1280	846	100	84600	0.82	108.29	7.33
6 65 AULACOSEIRA GRANULATA (EHR.) S	2	687	6	100	600	0.01	0.41	0.03
6 65 AULACOSEIRA GRANULATA V. ANGUS		377	21	100	2100	0.02	0.79	0.05
6 65 AULACOSEIRA SP.	2	755	246	100	24600	0.24	18.57	1.26
6 65 AULACOSEIRA SP.	3	1570	170	100	17000	0.16	26.69	1.81
6 65 BACILLARIALES	3	198	9	2042	18378	0.18	3.64	0.25
6 65 BACILLARIALES	12	6075	4	100	400	0.00	2.43	0.16
6 65 EUPODISCALES	5	393	3	20821	62463	0.61	24.55	1.66
6 65 RHIZOSOLENIA LONGISETA ZACH.	1	1319	40	2042	81680	0.79	107.74	7.30
6 65 SYNEDRA ACUS KÜTZ.	4	3200	3	100	300	0.00	0.96	0.07
6 65 SYNEDRA SP.	2	280	21	2042	42882	0.42	12.01	0.81
6 65 SYNEDRA SP.	5	990	5	2042	10210	0.10	10.11	0.68
6 66 OPHIOCYTIUM CAPITATUM WOLLE		2308	1	2042	2042	0.02	4.71	0.32
6 66 PSEUDOSTAURASTRUM LIMNETICUM (		1018	2	100	200	0.00	0.20	0.01
7 71 EUGLENA SP.	1	3224	1	100	100	0.00	0.32	0.02
7 74 DICTYOSPHAERIUM PULCHELLUM WO		452	8	2042	16336	0.16	7.38	0.50
7 74 ELAKATOTHRIX GENEVENSIS HIND.	2	58	2	2042	4084	0.04	0.24	0.02
7 74 KIRCHNERIELLA SP.	1	14	12	20821	249852	2.42	3.50	0.24
7 74 KOLIELLA SPICULIFORMIS (VISCHE	1	4	319	2042	651398	6.31	2.61	0.18
7 74 LAGERHEIMIA GENEVENSIS (CHOD.)		126	1	20821	20821	0.20	2.62	0.18
7 74 MONORAPHIDIUM CONTORTUM (THUR.	1	9	35	2042	71470	0.69	0.64	0.04
7 74 MONORAPHIDIUM MINUTUM (NÄG.) K	2	92	1	20821	20821	0.20	1.92	0.13
7 74 PEDIASTRUM BORYANUM (TURP.) ME		20096	7	100	700	0.01	14.07	0.95
7 74 PEDIASTRUM TETRAS (EHR.) RALFS	2	1809	1	100	100	0.00	0.18	0.01
7 74 SCENEDESMUS SP.	1	25	8	20821	166568	1.61	4.16	0.28
7 74 SCENEDESMUS SP.	4	151	1	20821	20821	0.20	3.14	0.21
7 74 TETRAEDRON MINIMUM V. TETRALOB		56	5	20821	104105	1.01	5.83	0.39
7 75 CLOSTERIUM ACUTUM V. VARIABILE		377	37	100	3700	0.04	1.39	0.09
9 92 FLAGELLATES SPP. AUTO (OVAL)	2	5	2	20821	41642	0.40	0.21	0.01
9 92 FLAGELLATES SPP. AUTO (OVAL)	3	19	11	20821	229031	2.22	4.35	0.29
9 92 FLAGELLATES SPP. AUTO (OVAL)	4	64	5	20821	104105	1.01	6.66	0.45
9 92 FLAGELLATES SPP. AUTO (OVAL)	5	181	5	20821	104105	1.01	18.84	1.28
9 92 FLAGELLATES SPP. AUTO (SPHERE)	2	8	6	20821	124926	1.21	1.00	0.07
9 92 FLAGELLATES SPP. AUTO (SPHERE)	3	33	22	20821	458062	4.44	15.12	1.02
9 92 FLAGELLATES SPP. AUTO (SPHERE)	4	113	13	20821	270673	2.62	30.59	2.07
9 92 FLAGELLATES SPP. AUTO (SPHERE)	5	321	2	20821	41642	0.40	13.37	0.91
9 92 MONAD AUTOTROPHIC	3	24	2	20821	41642	0.40	1.00	0.07
9 92 MONAD AUTOTROPHIC	4	65	23	20821	478883	4.64	31.13	2.11
9 92 MONAD AUTOTROPHIC	5	92	7	20821	145747	1.41	13.41	0.91
9 92 MONAD AUTOTROPHIC	6	180	9	20821	187389	1.82	33.73	2.28
2 CYANOPHYTA - CYANOPHYCEAE			135		264094	2.56	36.93	2.50
2 21 CHROOCOCCALES			12		249852	2.42	10.89	0.74
2 25 NOSTOCALES			123		14242	0.14	26.04	1.76
4 CRYPTOPHYTA			45		936945	9.08	79.33	5.37
5 DINOPHYTA			3		62463	0.61	9.60	0.65
6 CHRYSOPHYTA			1659		5497626	53.27	1133.43	76.75
6 62 PRYMNESIOPHYCEAE			45		936945	9.08	15.10	1.02
6 63 CHRYSOPHYCEAE			237		4213226	40.83	797.24	53.99
6 65 DIATOMOPHYCEAE			1374		345213	3.35	316.18	21.41
6 66 TRIBOPHYCEAE			3		2242	0.02	4.92	0.33
7 CHLOROPHYTA			438		1330876	12.90	48.01	3.25
7 71 EUGLENOPHYCEAE			1		100	0.00	0.32	0.02

7 74	CHLOROPHYCEAE	400	1327076	12.86	46.29	3.13
7 75	CONJUGATOPHYCEAE	37	3700	0.04	1.39	0.09
9	OTHER PHYTOPLANKTON	107	2227847	21.59	169.40	11.47
9 92	MONADS AND FLAGELLATES	107	2227847	21.59	169.40	11.47
Total counted:		2387	10319851		1476.70	
Total autotrophs:		2348	9507832	92.13	1402.00	94.94
Total heterotrophs:		39	812019	7.87	74.71	5.06