

SAMPLE: 4597  
 PLACE: Littoistenjärvi , yhdistetty N E  
 DATE: 12.4.2017  
 DEPTH: 0.00- 0.00 m

COUNTED BY Lounais-Suomen vesi- ja ympäristötutkimus Oy, SA ON 6/12/2017

CHAMBER VOLUME=1.5ml, DIAM=26mm

BIOMASS OF PHYTOPLANKTON COUNTED WITH Leica DMI3000 B:  
 440 units in 50 Kenttiä at 788x  
 25 units in 1 Pohja at 125x  
 614 units in 1 Mittajana at 250x

COMMENT: Näytteessä paljon pientä flagellaattia ja pikoplanktonia.

Species	Size A/H	Volume	Units	Coeff.	Units/l	Units %	ww µg/l	ww %
2 21 CHROOCOCCALES	4	5	15	138805	2082075	2.68	10.41	0.19
2 21 CHROOCOCCALES	6	9	1	138805	138805	0.18	1.25	0.02
2 21 CHROOCOCCALES	7	10	4	138805	552220	0.71	5.55	0.10
2 21 CHROOCOCCALES	11	26	1	138805	138805	0.18	3.61	0.07
2 21 MICROCYSTIS AERUGINOSA (KÜTZ.)	2	13083	1	667	667	0.00	8.73	0.16
2 21 MICROCYSTIS SP.	5	3271	2	667	1334	0.00	4.36	0.08
2 21 SNOWELLA SP.	3	42	28	138805	3886540	5.00	163.23	3.00
4 0 CRYPTOMONADALES	4	151	2	138805	277610	0.36	41.92	0.77
4 0 CRYPTOMONAS SP.	1	452	2	27227	54454	0.07	24.61	0.45
4 0 KATABLEPHARIS OVALIS SKUJA	1 HET	92	18	138805	2498490	3.21	229.86	4.23
4 0 KATABLEPHARIS OVALIS SKUJA	2 HET	170	5	138805	694025	0.89	117.98	2.17
4 0 RHODOMONAS LACUSTRIS PASCH.&R	1	37	8	138805	1110440	1.43	41.09	0.76
5 0 DINOPHYCEAE	4	942	4	27227	108908	0.14	102.59	1.89
6 63 DINOBRYON SOCIALE EHR.		157	6	667	4002	0.01	0.63	0.01
6 63 KEPHYRION SP.		92	14	138805	1943270	2.50	178.78	3.29
6 63 MALLOMONAS AKROKOMOS RUTTN.	1	1010	3	27227	81681	0.10	82.50	1.52
6 63 PSEUDOPEDINELLA SP.	2	65	4	138805	552220	0.71	36.09	0.66
6 63 SPINIFEROMONAS SP.	1	65	1	138805	138805	0.18	9.02	0.17
6 65 AULACOSEIRA SP.	2	755	8	27227	217816	0.28	164.45	3.02
6 65 BACILLARIALES	3	198	407	27227	11081389	14.24	2194.12	40.35
6 65 BACILLARIALES	4	240	2	138805	277610	0.36	66.63	1.23
6 65 BACILLARIALES	7	1800	1	667	667	0.00	1.20	0.02
6 65 BACILLARIALES	10	2640	1	667	667	0.00	1.76	0.03
6 65 BACILLARIALES	15	72000	1	667	667	0.00	48.02	0.88
6 65 EUPODISCALES	5	393	1	138805	138805	0.18	54.55	1.00
6 65 FRAGILARIA SP.	2	525	3	667	2001	0.00	1.05	0.02
6 65 SYNEDRA ULNA (NITZSCH) EHR.	2	5760	3	667	2001	0.00	11.53	0.21
7 71 EUGLENA SP.	1	3224	4	667	2668	0.00	8.60	0.16
7 71 TRACHELOMONAS HISPIDA (PERTY)		4912	1	27227	27227	0.03	133.74	2.46
7 73 SCOURFIELDIA COMPLANATA G.S.W	cf.	31	159	138805	22069995	28.36	684.17	12.58
7 74 DICTYOSPHAERIUM SP.	1	18	2	138805	277610	0.36	5.00	0.09
7 74 KIRCHNERIELLA CONTORTA (SCHMID		23	1	138805	138805	0.18	3.19	0.06
7 74 KIRCHNERIELLA SP.	1	14	3	138805	416415	0.54	5.83	0.11
7 74 KOLIELLA LONGISETA HIND.		126	10	27227	272270	0.35	34.31	0.63
7 74 KOLIELLA SP.	3	59	6	27227	163362	0.21	9.64	0.18
7 74 KOLIELLA SPICULIFORMIS (VISCHE	1	4	74	27227	2014798	2.59	8.06	0.15
7 74 LAGERHEIMIA GENEVENSIS (CHOD.)		126	1	138805	138805	0.18	17.49	0.32
7 74 MONORAPHIDIUM CONTORTUM (THUR.	4	42	94	27227	2559338	3.29	107.49	1.98
7 74 MONORAPHIDIUM GRIFFITHII (BERK	2	141	5	27227	136135	0.17	19.20	0.35
7 74 MONORAPHIDIUM MINUTUM (NÄG.) K	1	32	1	138805	138805	0.18	4.44	0.08
7 74 PEDIASTRUM BORYANUM (TURP.) ME		20096	2	667	1334	0.00	26.81	0.49
7 74 SCENEDESMUS BICELLULARIS		75	12	138805	1665660	2.14	124.92	2.30
7 74 TETRAEDRON MINIMUM (A.BRAUN) H	cf.	256	1	138805	138805	0.18	35.53	0.65
7 75 CLOSTERIUM SP.	1	837	1	667	667	0.00	0.56	0.01
9 92 FLAGELLATES SPP. AUTO (OVAL)	2	5	6	138805	832830	1.07	4.16	0.08
9 92 FLAGELLATES SPP. AUTO (OVAL)	3	19	23	138805	3192515	4.10	60.66	1.12
9 92 FLAGELLATES SPP. AUTO (OVAL)	5	181	1	138805	138805	0.18	25.12	0.46
9 92 FLAGELLATES SPP. AUTO (OVAL)	6	575	1	138805	138805	0.18	79.81	1.47
9 92 FLAGELLATES SPP. AUTO (SPHERE)	2	8	48	138805	6662640	8.56	53.30	0.98
9 92 FLAGELLATES SPP. AUTO (SPHERE)	3	33	30	138805	4164150	5.35	137.42	2.53
9 92 MONAD AUTOTROPHIC	1	6	2	138805	277610	0.36	1.67	0.03
9 92 MONAD AUTOTROPHIC	2	14	8	138805	1110440	1.43	15.55	0.29
9 92 MONAD AUTOTROPHIC	3	24	19	138805	2637295	3.39	63.30	1.16
9 92 MONAD AUTOTROPHIC	4	65	18	138805	2498490	3.21	162.40	2.99
2 CYANOPHYTA - CYANOPHYCEAE			52		6803446	8.74	197.15	3.63
2 21 CHROOCOCCALES			52		6803446	8.74	197.15	3.63
4 CRYPTOPHYTA			35		4635019	5.96	455.46	8.38
5 DINOPHYTA			4		108908	0.14	102.59	1.89
6 CHRYSOPHYTA			455		14444601	18.56	2850.32	52.42
6 63 CHRYSOPHYCEAE			28		2722978	3.50	307.02	5.65
6 65 DIATOMOPHYCEAE			427		11721623	15.06	2543.30	46.77
7 CHLOROPHYTA			377		30162699	38.77	1228.98	22.60
7 71 EUGLENOPHYCEAE			5		29895	0.04	142.34	2.62
7 73 PRASINOPHYCEAE			159		22069995	28.36	684.17	12.58
7 74 CHLOROPHYCEAE			212		8062142	10.36	401.91	7.39
7 75 CONJUGATOPHYCEAE			1		667	0.00	0.56	0.01
9 OTHER PHYTOPLANKTON			156		21653580	27.83	603.39	11.10
9 92 MONADS AND FLAGELLATES			156		21653580	27.83	603.39	11.10
Total counted:			1079		77808253		5437.89	
Total autotrophs:			1056		74615738	95.90	5090.04	93.60
Total heterotrophs:			23		3192515	4.10	347.85	6.40