

SAMPLE: 10800
 PLACE: Littoistenjärvi , yhdistetty N E
 DATE: 4.7.2019
 DEPTH: 0.00- 0.00 m

COUNTED BY Lounais-Suomen vesi- ja ympäristötutkimus Oy, SA ON 4/2/2020

CHAMBER VOLUME=3ml, DIAM=26mm

BIOMASS OF PHYTOPLANKTON COUNTED WITH Leica DMI3000 B:
 505 units in 50 Kenttiä at 788x
 576 units in 2 Mittajana at 250x
 1671 units in 1 Pohja at 125x

COMMENT: Anabaena = Dolichospermum

Species	Size A/H	Volume	Units	Coeff.	Units/l	Units %	ww µg/l	ww %
2 21 CHROOCOCCALES	4	5	1	69403	69403	0.16	0.35	0.01
2 21 CHROOCOCCALES	6	9	153	69403	10618659	24.65	95.57	1.47
2 21 CHROOCOCCALES	7	10	3	69403	208209	0.48	2.08	0.03
2 21 CHROOCOCCALES	9	19	178	69403	12353734	28.68	234.72	3.62
2 21 CHROOCOCCALES	14	47	38	69403	2637314	6.12	123.95	1.91
2 21 RHABDODERMA LINEARE SCHMIDLE&	1	10	12	69403	832836	1.93	8.33	0.13
2 21 ROMERIA SP.	1	6	16	69403	1110448	2.58	6.66	0.10
2 21 ROMERIA SP.	2	13	4	69403	277612	0.64	3.61	0.06
2 21 ROMERIA SP.	3	21	43	69403	2984329	6.93	62.67	0.97
2 21 SNOWELLA SEPTENTRIONALIS KOMA	4	654	2	69403	138806	0.32	90.78	1.40
2 25 ANABAENA LEMMERMANNII P.RICHT	3	471	521	13614	7092894	16.47	3340.75	51.51 1 fields
2 25 ANABAENA MACROSPORA KLEB.	2	2189	633	333	210789	0.49	461.42	7.11
2 25 ANABAENA SMITHII KOMAREK	3	6231	86	333	28638	0.07	178.44	2.75
2 25 ANABAENA SP. 'STRAIGHT'	5	1308	259	333	86247	0.20	112.81	1.74
2 25 ANABAENA SP. 'TWISTED'	6	1308	7	333	2331	0.01	3.05	0.05
2 25 ANABAENA SP. 'TWISTED'	9	3215	224	333	74592	0.17	239.81	3.70
2 25 APHANIZOMENON ISSATSCHENKOI (U	2	962	6	333	1998	0.00	1.92	0.03
2 25 APHANIZOMENON SP.	3	707	417	333	138861	0.32	98.17	1.51
2 25 APHANIZOMENON SP.	5	1256	5	333	1665	0.00	2.09	0.03
4 0 CRYPTOMONADALES	4	151	1	69403	69403	0.16	10.48	0.16
4 0 CRYPTOMONADALES	6	377	5	69403	347015	0.81	130.82	2.02
4 0 CRYPTOMONAS SP.	2	754	14	6807	95298	0.22	71.85	1.11
4 0 CRYPTOMONAS SP.	3	1769	5	6807	34035	0.08	60.21	0.93
4 0 KATABLEPHARIS OVALIS SKUJA	1 HET	92	1	69403	69403	0.16	6.39	0.10
4 0 RHODOMONAS LACUSTRIS PASCH.&R	1	37	6	69403	416418	0.97	15.41	0.24
4 0 RHODOMONAS LACUSTRIS PASCH.&R	3	122	4	69403	277612	0.64	33.87	0.52
5 0 DINOPHYCEAE	4	942	4	6807	27228	0.06	25.65	0.40
5 0 DINOPHYCEAE	5	2010	4	6807	27228	0.06	54.73	0.84
5 0 DINOPHYCEAE	6	4421	2	6807	13614	0.03	60.19	0.93
6 62 CHRYSOCHROMULINA SP.	2	17	1	69403	69403	0.16	1.18	0.02
6 65 AULACOSEIRA AMBIGUA (GRUN.) SI	6	1570	18	333	5994	0.01	9.41	0.15
6 65 AULACOSEIRA SP.	1	236	4	6807	27228	0.06	6.43	0.10
6 65 BACILLARIALES	2	135	12	6807	81684	0.19	11.03	0.17
6 65 BACILLARIALES	3	198	3	6807	20421	0.05	4.04	0.06
6 65 BACILLARIALES	12	6075	3	6807	20421	0.05	124.06	1.91
6 65 SYNEDRA ACUS KÜTZ.	4	3200	9	333	2997	0.01	9.59	0.15
6 66 PSEUDOSTAURASTRUM LIMNETICUM (1018	1	333	333	0.00	0.34	0.01
7 74 BOTRYOCOCCUS SP.	2	3052	1	333	333	0.00	1.02	0.02
7 74 BOTRYOCOCCUS SP.	3	8584	1	333	333	0.00	2.86	0.04
7 74 COELASTRUM MICROPORUM NÄG.		3215	1	69403	69403	0.16	223.13	3.44
7 74 ELAKATOTHRIX GENEVENSIS HIND.	1	7	1	6807	6807	0.02	0.05	0.00
7 74 MONORAPHIDIUM MINUTUM (NÄG.) K	2	92	3	69403	208209	0.48	19.16	0.30
7 74 PAULSCHULZIA SP.		268	7	69403	485821	1.13	130.20	2.01
7 74 PEDIASTRUM BORYANUM (TURP.) ME		20096	3	333	999	0.00	20.08	0.31
7 74 SCENEDESMUS DISCIFORMIS F. DIS		1151	1	6807	6807	0.02	7.83	0.12
7 74 SCENEDESMUS OPOLIENSIS P.RICH	2	402	1	6807	6807	0.02	2.74	0.04
7 74 SPHAERELLOPSIS SP.		2031	2	69403	138806	0.32	281.91	4.35
7 75 CLOSTERIUM ACUTUM V. VARIABILE		377	1	333	333	0.00	0.13	0.00
7 75 STAUSTRUM CHAETOCERAS (SCHRÖ	2	1601	1	6807	6807	0.02	10.90	0.17
9 92 FLAGELLATES SPP. AUTO (OVAL)	3	19	10	69403	694030	1.61	13.19	0.20
9 92 FLAGELLATES SPP. AUTO (OVAL)	4	64	1	69403	69403	0.16	4.44	0.07
9 92 FLAGELLATES SPP. AUTO (SPHERE)	3	33	2	69403	138806	0.32	4.58	0.07
9 92 FLAGELLATES SPP. AUTO (SPHERE)	4	113	1	69403	69403	0.16	7.84	0.12
9 92 MONAD AUTOTROPHIC	4	65	9	69403	624627	1.45	40.60	0.63
9 92 MONAD AUTOTROPHIC	6	180	1	69403	69403	0.16	12.49	0.19
2 CYANOPHYTA - CYANOPHYCEAE			2608		38869365	90.24	5067.20	78.13
2 21 CHROOCOCCALES			450		31231350	72.51	628.72	9.69
2 25 NOSTOCALES			2158		7638015	17.73	4438.47	68.43
4 CRYPTOPHYTA			36		1309184	3.04	329.03	5.07
5 DINOPHYTA			10		68070	0.16	140.56	2.17
6 CHRYSOPHYTA			51		228481	0.53	166.07	2.56
6 62 PRYMNESIOPHYCEAE			1		69403	0.16	1.18	0.02
6 65 DIATOMOPHYCEAE			49		158745	0.37	164.56	2.54
6 66 TRIBOPHYCEAE			1		333	0.00	0.34	0.01
7 CHLOROPHYTA			23		931465	2.16	699.99	10.79
7 74 CHLOROPHYCEAE			21		924325	2.15	688.97	10.62
7 75 CONJUGATOPHYCEAE			2		7140	0.02	11.02	0.17
9 OTHER PHYTOPLANKTON			24		1665672	3.87	83.14	1.28
9 92 MONAD AUTOTROPHIC			24		1665672	3.87	83.14	1.28
Total counted:			2752		43072237		6486.00	
Total autotrophs:			2751		43002834	99.84	6479.62	99.90
Total heterotrophs:			1		69403	0.16	6.39	0.10