

SAMPLE: 12373
 PLACE: Littoistenjärvi , yhdistetty N E
 DATE: 18.7.2019
 DEPTH: 0.00- 0.00 m

COUNTED BY Lounais-Suomen vesi- ja ympäristötutkimus Oy, SA ON 4/6/2020

CHAMBER VOLUME=3ml, DIAM=26mm

BIOMASS OF PHYTOPLANKTON COUNTED WITH Leica DMI3000 B:
 1422 units in 50 Kenttiä at 788x
 233 units in 2 Mittajana at 250x
 1190 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	2	1	911	3470133.1612884E8	89.41	316.13	7.89	10 fields
2 21 CHROOCOCCALES	4	5	3	69403	208209	0.06	1.04	0.03
2 21 CHROOCOCCALES	6	9	40	69403	2776120	0.79	24.99	0.62
2 21 CHROOCOCCALES	7	10	2	69403	138806	0.04	1.39	0.03
2 21 CHROOCOCCALES	9	19	37	69403	2567911	0.73	48.79	1.22
2 21 CHROOCOCCALES	11	26	4	69403	277612	0.08	7.22	0.18
2 21 CHROOCOCCALES	14	47	15	69403	1041045	0.29	48.93	1.22
2 21 CHROOCOCCALES	19	94	2	69403	138806	0.04	13.05	0.33
2 21 RHABDODERMA LINEARE SCHMIDLE&	1	10	45	69403	3123135	0.88	31.23	0.78
2 21 ROMERIA SP.	1	6	18	69403	1249254	0.35	7.50	0.19
2 21 ROMERIA SP.	3	21	155	69403	10757465	3.04	225.91	5.64
2 21 ROMERIA SP.	4	42	13	69403	902239	0.26	37.89	0.95
2 21 SNOWELLA SEPTENTRIONALIS KOMA	2	164	1	6807	6807	0.00	1.12	0.03
2 21 SNOWELLA SEPTENTRIONALIS KOMA	4	654	4	6807	27228	0.01	17.81	0.44
2 24 OSCILLATORIALES	2	314	1	6807	6807	0.00	2.14	0.05
2 25 ANABAENA LEMMERMANNII P.RICHT	3	471	75	6807	510525	0.14	240.46	6.00
2 25 ANABAENA SMITHII KOMAREK	3	6231	63	333	20979	0.01	130.72	3.26
2 25 ANABAENA SP. 'STRAIGHT'	5	1308	673	333	224109	0.06	293.13	7.32
2 25 ANABAENA SP. 'TWISTED'	9	3215	84	333	27972	0.01	89.93	2.24
2 25 APHANIZOMENON ISSATSCHENKOI (U	2	962	220	333	73260	0.02	70.48	1.76
2 25 APHANIZOMENON SP.	3	707	32	333	10656	0.00	7.53	0.19
4 0 CRYPTOMONADALES	3	94	4	69403	277612	0.08	26.10	0.65
4 0 CRYPTOMONADALES	4	151	3	69403	208209	0.06	31.44	0.78
4 0 CRYPTOMONADALES	6	377	14	69403	971642	0.27	366.31	9.14
4 0 CRYPTOMONAS SP.	2	754	49	6807	333543	0.09	251.49	6.28
4 0 CRYPTOMONAS SP.	3	1769	8	6807	54456	0.02	96.33	2.40
4 0 CRYPTOMONAS SP.	4	2257	10	6807	68070	0.02	153.63	3.83
4 0 CRYPTOMONAS SP.	5	4136	3	6807	20421	0.01	84.46	2.11
4 0 KATABLEPHARIS OVALIS SKUJA	1 HET	92	9	69403	624627	0.18	57.47	1.43
4 0 RHODOMONAS LACUSTRIS PASCH.&R	1	37	4	69403	277612	0.08	10.27	0.26
4 0 RHODOMONAS LACUSTRIS PASCH.&R	3	122	1	69403	69403	0.02	8.47	0.21
5 0 CERATIUM HIRUNDINELLA (O.F.MÜLL		44178	2	333	666	0.00	29.42	0.73
5 0 DINOPHYCEAE	5	2010	1	6807	6807	0.00	13.68	0.34
5 0 DINOPHYCEAE	6	4421	14	6807	95298	0.03	421.31	10.52
6 62 CHRYSOCHROMULINA SP.	2	17	84	69403	5829852	1.65	99.11	2.47
6 62 CHRYSOCHROMULINA SP.	3	25	13	69403	902239	0.26	22.56	0.56
6 63 PSEUDOPEDINELLA SP.	2	65	2	69403	138806	0.04	9.02	0.23
6 63 UROGLENA SP.	1	105	2	69403	138806	0.04	14.57	0.36
6 65 AULACOSEIRA AMBIGUA (GRUN.) SI	6	1570	2	6807	13614	0.00	21.37	0.53
6 65 AULACOSEIRA SP.	2	755	16	6807	108912	0.03	82.23	2.05
6 65 BACILLARIALES	2	135	4	6807	27228	0.01	3.68	0.09
6 65 BACILLARIALES	7	1800	2	6807	13614	0.00	24.51	0.61
6 65 SYNEDRA ACUS KÜTZ.	3	2400	40	333	13320	0.00	31.97	0.80
6 65 SYNEDRA ACUS KÜTZ.	4	3200	29	333	9657	0.00	30.90	0.77
6 66 PSEUDOSTAURASTRUM LIMNETICUM (1018	4	333	1332	0.00	1.36	0.03
7 74 CHLOROCOCCALES	3	204	1	69403	69403	0.02	14.16	0.35
7 74 CHLOROPHYCEAE	1	113	2	69403	138806	0.04	15.69	0.39
7 74 ELAKATOTHRIX GENEVENSIS HIND.	1	7	1	69403	69403	0.02	0.49	0.01
7 74 GONIUM PECTORALE O.F.MÜLL.		5024	2	6807	13614	0.00	68.40	1.71
7 74 MONORAPHIDIUM MINUTUM (NÄG.) K	2	92	1	69403	69403	0.02	6.39	0.16
7 74 PAULSCHULZIA SP.		268	37	6807	251859	0.07	67.50	1.68
7 74 PEDIASTRUM BORYANUM (TURP.) ME		20096	1	333	333	0.00	6.69	0.17
7 74 ULOTRICHALES	1	85	26	333	8658	0.00	0.74	0.02
7 74 ULOTRICHALES	2	314	16	333	5328	0.00	1.67	0.04
7 75 STAURASTRUM CHAETOCERAS (SCHRÖ	2	1601	2	6807	13614	0.00	21.80	0.54
7 75 STAURASTRUM PARADOXUM V. PARVU		273	1	6807	6807	0.00	1.86	0.05
9 92 FLAGELLATES SPP. AUTO (OVAL)	2	5	2	69403	138806	0.04	0.69	0.02
9 92 FLAGELLATES SPP. AUTO (OVAL)	3	19	8	69403	555224	0.16	10.55	0.26
9 92 FLAGELLATES SPP. AUTO (OVAL)	4	64	2	69403	138806	0.04	8.88	0.22
9 92 FLAGELLATES SPP. AUTO (OVAL)	5	181	1	69403	69403	0.02	12.56	0.31
9 92 FLAGELLATES SPP. AUTO (SPHERE)	2	8	1	69403	69403	0.02	0.56	0.01
9 92 FLAGELLATES SPP. AUTO (SPHERE)	3	33	6	69403	416418	0.12	13.74	0.34
9 92 FLAGELLATES SPP. AUTO (SPHERE)	4	113	1	69403	69403	0.02	7.84	0.20
9 92 FLAGELLATES SPP. AUTO (SPHERE)	5	321	1	69403	69403	0.02	22.28	0.56
9 92 FLAGELLATES SPP. AUTO (SPHERE)	6	1022	1	69403	69403	0.02	70.93	1.77
9 92 FLAGELLATES SPP. AUTO (SPHERE)	7	2805	1	6807	6807	0.00	19.09	0.48
9 92 MONAD AUTOTROPHIC	4	65	5	69403	347015	0.10	22.56	0.56
9 92 MONAD AUTOTROPHIC	6	180	4	69403	277612	0.08	49.97	1.25
9 92 MONAD AUTOTROPHIC	7	188	4	69403	277612	0.08	52.19	1.30
2	CYANOPHYTA - CYANOPHYCEAE		2398		3.4021779E8	96.22	1617.37	40.37
2 21	CHROOCOCCALES		1250		3.3934348E8	95.97	782.98	19.54
2 24	OSCILLATORIALES		1		6807	0.00	2.14	0.05
2 25	NOSTOCALES		1147		867501	0.25	832.25	20.77
4	CRYPTOPHYTA		105		2905595	0.82	1085.97	27.11

5	DINOPHYTA	17	102771	0.03	464.42	11.59
6	CHRYSOPHYTA	198	7197380	2.04	341.27	8.52
6 62	PRYMNESIOPHYCEAE	97	6732091	1.90	121.66	3.04
6 63	CHRYSOPHYCEAE	4	277612	0.08	23.60	0.59
6 65	DIATOMOPHYCEAE	93	186345	0.05	194.65	4.86
6 66	TRIBOPHYCEAE	4	1332	0.00	1.36	0.03
7	CHLOROPHYTA	90	647228	0.18	205.36	5.13
7 74	CHLOROPHYCEAE	87	626807	0.18	181.71	4.54
7 75	CONJUGATOPHYCEAE	3	20421	0.01	23.65	0.59
9	OTHER PHYTOPLANKTON	37	2505315	0.71	291.85	7.28
9 92	MONADS AND FLAGELLATES	37	2505315	0.71	291.85	7.28
Total counted:		2845	3.5357608E8		4006.24	
Total autotrophs:		2836	3.5295145E8	99.82	3948.77	98.57
Total heterotrophs:		9	624627	0.18	57.47	1.43