

SAMPLE: 15275
 PLACE: Littoistenjärvi , yhdistetty N E
 DATE: 15.8.2019
 DEPTH: 0.00- 0.00 m

COUNTED BY Lounais-Suomen vesi- ja ympäristötutkimus Oy, SA ON 4/9/2020

CHAMBER VOLUME=3ml, DIAM=26mm

BIOMASS OF PHYTOPLANKTON COUNTED WITH Leica DMI3000 B:
 652 units in 50 Kenttiä at 788x
 184 units in 2 Mittajana at 250x
 672 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	176	69403	12214928	26.78	12.21	0.36
2 21 CHROOCOCCALES	4	5	105	69403	7287315	15.98	36.44	1.06
2 21 CHROOCOCCALES	6	9	5	69403	347015	0.76	3.12	0.09
2 21 CHROOCOCCALES	7	10	12	69403	832836	1.83	8.33	0.24
2 21 CHROOCOCCALES	9	19	3	69403	208209	0.46	3.96	0.12
2 21 ROMERIA SP.	3	21	1	69403	69403	0.15	1.46	0.04
2 21 SNOWELLA SEPTENTRIONALIS KOMA	3	327	1	6807	6807	0.01	2.23	0.06
2 21 SNOWELLA SEPTENTRIONALIS KOMA	4	654	1	6807	6807	0.01	4.45	0.13
2 21 SNOWELLA SEPTENTRIONALIS KOMA	5	981	1	6807	6807	0.01	6.68	0.19
2 25 ANABAENA LEMMERMANNII P.RICHT	3	471	1	333	333	0.00	0.16	0.00
2 25 ANABAENA SP. 'STRAIGHT'	6	1922	259	333	86247	0.19	165.77	4.82
2 25 APHANIZOMENON ISSATSCHENKOI (U	2	962	217	333	72261	0.16	69.52	2.02
4 0 CRYPTOMONADALES	4	151	1	69403	69403	0.15	10.48	0.30
4 0 CRYPTOMONADALES	6	377	4	69403	277612	0.61	104.66	3.04
4 0 CRYPTOMONAS SP.	2	754	12	6807	81684	0.18	61.59	1.79
4 0 CRYPTOMONAS SP.	3	1769	5	6807	34035	0.07	60.21	1.75
4 0 CRYPTOMONAS SP.	4	2257	10	6807	68070	0.15	153.63	4.47
4 0 CRYPTOMONAS SP.	6	13565	1	333	333	0.00	4.52	0.13
4 0 KATABLEPHARIS OVALIS SKUJA	1 HET	92	6	69403	416418	0.91	38.31	1.11
4 0 RHODOMONAS LACUSTRIS PASCH.&R	1	37	2	69403	138806	0.30	5.14	0.15
4 0 RHODOMONAS LACUSTRIS PASCH.&R	3	122	2	69403	138806	0.30	16.93	0.49
5 0 CERATIUM HIRUNDINELLA (O.F.MÜL		44178	18	333	5994	0.01	264.80	7.70
5 0 DINOPHYCEAE	4	942	3	6807	20421	0.04	19.24	0.56
5 0 DINOPHYCEAE	7	7235	4	6807	27228	0.06	196.99	5.73
5 0 DINOPHYCEAE	10	31387	1	333	333	0.00	10.45	0.30
6 62 CHRYSOCHROMULINA SP.	2	17	199	69403	13811197	30.28	234.79	6.83
6 63 MALLOMONAS SP.	3	335	6	6807	40842	0.09	13.68	0.40
6 63 MALLOMONAS SP.	4	837	1	6807	6807	0.01	5.70	0.17
6 63 PSEUDOPEDINELLA SP.	2	65	5	69403	347015	0.76	22.56	0.66
6 63 UROGLENA SP.	1	105	1	69403	69403	0.15	7.29	0.21
6 65 ASTERIONELLA FORMOSA HASS.	1	540	34	333	11322	0.02	6.11	0.18
6 65 AULACOSEIRA AMBIGUA (GRUN.) SI	6	1570	39	6807	265473	0.58	416.79	12.12
6 65 AULACOSEIRA SP.	2	755	17	6807	115719	0.25	87.37	2.54
6 65 BACILLARIALES	2	135	4	6807	27228	0.06	3.68	0.11
6 65 BACILLARIALES	7	1800	1	6807	6807	0.01	12.25	0.36
6 65 BACILLARIALES	10	2640	3	333	999	0.00	2.64	0.08
6 65 EUPODISCALES	6	1325	1	6807	6807	0.01	9.02	0.26
6 65 EUPODISCALES	7	3140	2	6807	13614	0.03	42.75	1.24
6 65 SYNEDRA ACUS KÜTZ.	4	3200	9	333	2997	0.01	9.59	0.28
6 65 SYNEDRA SP.	2	280	14	6807	95298	0.21	26.68	0.78
6 65 SYNEDRA SP.	3	630	3	6807	20421	0.04	12.87	0.37
6 65 SYNEDRA SP.	6	1800	2	333	666	0.00	1.20	0.03
6 66 GONIOCHLORIS FALLAX FOTT		3395	1	6807	6807	0.01	23.11	0.67
6 66 PSEUDOSTAURASTRUM LIMNETICUM (1018	1	6807	6807	0.01	6.93	0.20
7 71 TRACHELOMONAS ARMATA (EHR.) ST		12382	1	6807	6807	0.01	84.28	2.45
7 71 TRACHELOMONAS HISPIDA (PERTY)		4912	6	6807	40842	0.09	200.62	5.83
7 71 TRACHELOMONAS SP.	1	904	7	6807	47649	0.10	43.07	1.25
7 71 TRACHELOMONAS SP.	2	1592	1	6807	6807	0.01	10.84	0.32
7 74 ANKISTRODESMUS FUSIFORMIS		132	4	6807	27228	0.06	3.59	0.10
7 74 ANKYRA JUDAYI (G.M.SM.) FOTT		71	1	6807	6807	0.01	0.48	0.01
7 74 CHLOROCOCCALES	3	204	14	6807	95298	0.21	19.44	0.57
7 74 CRUCIGENIELLA SP.		209	2	69403	138806	0.30	29.01	0.84
7 74 DICTYOSPHAERIUM PULCHELLUM WO		452	3	6807	20421	0.04	9.23	0.27
7 74 ELAKATOTHRIX GENEVENSIS HIND.	1	7	2	6807	13614	0.03	0.10	0.00
7 74 ELAKATOTHRIX GENEVENSIS HIND.	2	58	2	6807	13614	0.03	0.79	0.02
7 74 GOLENKINIA PAUCISPINA W.&G.S.		2144	1	6807	6807	0.01	14.59	0.42
7 74 GOLENKINIA RADIATA CHOD.		697	2	6807	13614	0.03	9.49	0.28
7 74 KIRCHNERIELLA CONTORTA (SCHMID		23	2	69403	138806	0.30	3.19	0.09
7 74 MONORAPHIDIUM CONTORTUM (THUR	1	9	1	6807	6807	0.01	0.06	0.00
7 74 MONORAPHIDIUM DYBOWSKII (WOLOS	1	16	2	69403	138806	0.30	2.22	0.06
7 74 MONORAPHIDIUM DYBOWSKII (WOLOS	2	84	2	69403	138806	0.30	11.66	0.34
7 74 MONORAPHIDIUM MINUTUM (NÄG.) K	1	32	2	69403	138806	0.30	4.44	0.13
7 74 MONORAPHIDIUM SP.	1	10	3	69403	208209	0.46	2.08	0.06
7 74 PAULSCHULZIA PSEUDOVOVVOX (SCH	2	12208	3	333	999	0.00	12.20	0.35
7 74 PEDIASTRUM DUPLEX V. GRACILLIM		5024	2	333	666	0.00	3.35	0.10
7 74 SCENEDESMUS DISCIFORMIS F. DIS		1151	1	69403	69403	0.15	79.88	2.32
7 74 SCENEDESMUS OPOLIENSIS P.RICH	4	1356	3	6807	20421	0.04	27.69	0.81
7 74 ULOTRICHIALES	1	85	102	333	33966	0.07	2.89	0.08
7 74 ULOTRICHIALES	2	314	18	333	5994	0.01	1.88	0.05
7 74 VOLVOCALES	4	113	1	69403	69403	0.15	7.84	0.23
7 75 CLOSTERIUM ACUTUM V. VARIABLE		377	2	333	666	0.00	0.25	0.01
7 75 STAUSTRUM CHAETOCERAS (SCHRÖ	2	1601	1	6807	6807	0.01	10.90	0.32
7 75 STAUSTRUM CINGULUM (W.&G.S.W		7168	1	6807	6807	0.01	48.79	1.42
7 75 STAURODESMUS DEJECTUS (BRÉB.)		1616	7	6807	47649	0.10	77.00	2.24
9 92 FLAGELLATES SPP. AUTO (OVAL)	2	5	1	69403	69403	0.15	0.35	0.01

9 92	FLAGELLATES SPP. AUTO (OVAL)	3	19	5	69403	347015	0.76	6.59	0.19
9 92	FLAGELLATES SPP. AUTO (OVAL)	4	64	10	69403	694030	1.52	44.42	1.29
9 92	FLAGELLATES SPP. AUTO (SPHERE)	3	33	5	69403	347015	0.76	11.45	0.33
9 92	MONAD AUTOTROPHIC	2	14	13	69403	902239	1.98	12.63	0.37
9 92	MONAD AUTOTROPHIC	3	24	6	69403	416418	0.91	9.99	0.29
9 92	MONAD AUTOTROPHIC	4	65	45	69403	3123135	6.85	203.00	5.90
9 92	MONAD AUTOTROPHIC	6	180	12	69403	832836	1.83	149.91	4.36
9 92	MONAD AUTOTROPHIC	9	523	2	69403	138806	0.30	72.60	2.11
2	CYANOPHYTA - CYANOPHYCEAE		782			21138968	46.34	314.31	9.14
2 21	CHROOCOCCALES		305			20980127	45.99	78.87	2.29
2 25	NOSTOCALES		477			158841	0.35	235.44	6.85
4	CRYPTOPHYTA		43			1225167	2.69	455.47	13.24
5	DINOPHYTA		26			53976	0.12	491.49	14.29
6	CHRYSOPHYTA		343			14856229	32.57	945.00	27.48
6 62	PRYMNESIOPHYCEAE		199			13811197	30.28	234.79	6.83
6 63	CHRYSOPHYCEAE		13			464067	1.02	49.22	1.43
6 65	DIATOMOPHYCEAE		129			567351	1.24	630.95	18.35
6 66	TRIBOPHYCEAE		2			13614	0.03	30.04	0.87
7	CHLOROPHYTA		199			1471335	3.23	721.87	20.99
7 71	EUGLENOPHYCEAE		15			102105	0.22	338.81	9.85
7 74	CHLOROPHYCEAE		173			1307301	2.87	246.11	7.16
7 75	CONJUGATOPHYCEAE		11			61929	0.14	136.94	3.98
9	OTHER PHYTOPLANKTON		99			6870897	15.06	510.94	14.86
9 92	MONADS AND FLAGELLATES		99			6870897	15.06	510.94	14.86
Total counted:			1492			45616572		3439.07	
Total autotrophs:			1486			45200154	99.09	3400.76	98.89
Total heterotrophs:			6			416418	0.91	38.31	1.11