

SAMPLE: 7602  
 PLACE: Littoistenjärvi , yhdistetty N E  
 DATE: 23.5.2019  
 DEPTH: 0.00- 0.00 m

COUNTED BY Lounais-Suomen vesi- ja ympäristötutkimus Oy, SA ON 3/25/2020

CHAMBER VOLUME=25ml, DIAM=26mm

BIOMASS OF PHYTOPLANKTON COUNTED WITH Leica DMI3000 B:  
 609 units in 50 Kenttiä at 788x  
 149 units in 2 Mittajana at 250x  
 180 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	4	8328	33312	0.64	0.17	0.07
2 21 CHROOCOCCALES	6	9	6	8328	49968	0.96	0.45	0.18
2 21 CHROOCOCCALES	7	10	2	8328	16656	0.32	0.17	0.07
2 21 CHROOCOCCALES	9	19	2	8328	16656	0.32	0.32	0.12
2 21 SNOWELLA SP.	3	42	3	8328	24984	0.48	1.05	0.41
2 25 ANABAENA SP. 'STRAIGHT'	5	1308	3	40	120	0.00	0.16	0.06
2 25 ANABAENA SP. 'TWISTED'	4	1049	5	40	200	0.00	0.21	0.08
2 25 ANABAENA SP. 'TWISTED'	9	3215	1	40	40	0.00	0.13	0.05
4 0 CRYPTOMONADALES	4	151	1	8328	8328	0.16	1.26	0.50
4 0 CRYPTOMONADALES	6	377	1	8328	8328	0.16	3.14	1.24
4 0 CRYPTOMONAS SP.	2	754	6	817	4902	0.09	3.70	1.46
4 0 CRYPTOMONAS SP.	3	1769	7	817	5719	0.11	10.12	3.99
4 0 CRYPTOMONAS SP.	4	2257	5	817	4085	0.08	9.22	3.63
4 0 KATABLEPHARIS OVALIS SKUJA	1 HET	92	45	8328	374760	7.21	34.48	13.59
4 0 RHODOMONAS LACUSTRIS PASCH.&R	1	37	46	8328	383088	7.37	14.17	5.59
4 0 RHODOMONAS LACUSTRIS PASCH.&R	3	122	5	8328	41640	0.80	5.08	2.00
5 0 DINOPHYCEAE	4	942	2	817	1634	0.03	1.54	0.61
5 0 DINOPHYCEAE	6	4421	1	40	40	0.00	0.18	0.07
6 62 CHRYSOCHROMULINA SP.	1	9	34	8328	283152	5.44	2.55	1.00
6 62 CHRYSOCHROMULINA SP.	2	17	297	8328	2473416	47.56	42.05	16.57
6 62 CHRYSOCHROMULINA SP.	3	25	23	8328	191544	3.68	4.79	1.89
6 63 DINOBRYON ACUMINATUM RUTTN.		117	8	817	6536	0.13	0.76	0.30
6 63 KEPHYRION SP.		92	2	8328	16656	0.32	1.53	0.60
6 63 MALLOMONAS AKROKOMOS RUTTN.	1	1010	1	817	817	0.02	0.83	0.33
6 63 PSEUDOPEDINELLA SP.	2	65	12	8328	99936	1.92	6.50	2.56
6 65 ASTERIONELLA FORMOSA HASS.	1	540	3	40	120	0.00	0.06	0.03
6 65 AULACOSEIRA AMBIGUA (GRUN.) SI	6	1570	2	40	80	0.00	0.13	0.05
6 65 AULACOSEIRA SP.	2	755	6	817	4902	0.09	3.70	1.46
6 65 BACILLARIALES	2	135	1	817	817	0.02	0.11	0.04
6 65 BACILLARIALES	3	198	8	817	6536	0.13	1.29	0.51
6 65 BACILLARIALES	12	6075	2	40	80	0.00	0.49	0.19
6 65 EUPODISCALES	3	49	1	8328	8328	0.16	0.41	0.16
6 65 EUPODISCALES	4	135	1	8328	8328	0.16	1.12	0.44
6 65 EUPODISCALES	6	1325	2	817	1634	0.03	2.17	0.85
6 65 SYNEDRA SP.	2	280	1	817	817	0.02	0.23	0.09
6 66 OPHIOCYTIUM SP.		1696	1	817	817	0.02	1.39	0.55
6 67 GONYOSTOMUM SP.	2	9420	1	40	40	0.00	0.38	0.15
7 74 ANKYRA JUDAYI (G.M.SM.) FOTT		71	9	817	7353	0.14	0.52	0.21
7 74 BOTRYOCOCCUS SP.	1	589	1	40	40	0.00	0.02	0.01
7 74 BOTRYOCOCCUS SP.	2	3052	3	40	120	0.00	0.37	0.14
7 74 CHLOROCOCCALES	2	24	2	8328	16656	0.32	0.40	0.16
7 74 ELAKATOTHRIX GENEVENSIS HIND.	2	58	4	817	3268	0.06	0.19	0.07
7 74 KIRCHNERIELLA CONTORTA (SCHMID		23	1	8328	8328	0.16	0.19	0.08
7 74 KOLIELLA SPICULIFORMIS (VISCHE	1	4	83	817	67811	1.30	0.27	0.11
7 74 LAGERHEIMIA GENEVENSIS (CHOD.)		126	1	8328	8328	0.16	1.05	0.41
7 74 MONORAPHIDIUM CONTORTUM (THUR.	1	9	4	817	3268	0.06	0.03	0.01
7 74 MONORAPHIDIUM MINUTUM (NÄG.) K	2	92	6	8328	49968	0.96	4.60	1.81
7 74 MONORAPHIDIUM SP.	1	10	4	8328	33312	0.64	0.33	0.13
7 74 PEDIASTRUM BORYANUM (TURP.) ME		20096	1	40	40	0.00	0.80	0.32
7 74 PEDIASTRUM DUPLEX MEYEN	2	5024	1	40	40	0.00	0.20	0.08
7 74 PEDIASTRUM PRIVUM (PRINTZ) HEG	1	452	1	817	817	0.02	0.37	0.15
7 74 SCENEDESMUS ARMATUS CHOD.	1	170	1	8328	8328	0.16	1.42	0.56
7 74 SCENEDESMUS BICELLULARIS		75	1	8328	8328	0.16	0.62	0.25
7 75 CLOSTERIUM ACUTUM V. VARIABLE		377	152	40	6080	0.12	2.29	0.90
7 75 COSMARIUM PUNCTULATUM BREB.		12015	2	40	80	0.00	0.96	0.38
7 75 STAUSTRUM SP.	2	921	2	40	80	0.00	0.07	0.03
9 92 FLAGELLATES SPP. AUTO (OVAL)	2	5	2	8328	16656	0.32	0.08	0.03
9 92 FLAGELLATES SPP. AUTO (OVAL)	3	19	7	8328	58296	1.12	1.11	0.44
9 92 FLAGELLATES SPP. AUTO (SPHERE)	2	8	10	8328	83280	1.60	0.67	0.26
9 92 FLAGELLATES SPP. AUTO (SPHERE)	3	33	20	8328	166560	3.20	5.50	2.17
9 92 FLAGELLATES SPP. AUTO (SPHERE)	4	113	31	8328	258168	4.96	29.17	11.50
9 92 FLAGELLATES SPP. AUTO (SPHERE)	5	321	6	8328	49968	0.96	16.04	6.32
9 92 MONAD AUTOTROPHIC	2	14	7	8328	58296	1.12	0.82	0.32
9 92 MONAD AUTOTROPHIC	3	24	1	8328	8328	0.16	0.20	0.08
9 92 MONAD AUTOTROPHIC	4	65	15	8328	124920	2.40	8.12	3.20
9 92 MONAD AUTOTROPHIC	5	92	1	8328	8328	0.16	0.77	0.30
9 92 MONAD AUTOTROPHIC	6	180	5	8328	41640	0.80	7.50	2.95
9 92 MONAD AUTOTROPHIC	9	523	3	8328	24984	0.48	13.07	5.15
2 CYANOPHYTA - CYANOPHYCEAE			26		141936	2.73	2.64	1.04
2 21 CHROOCOCCALES			17		141576	2.72	2.15	0.85
2 25 NOSTOCALES			9		360	0.01	0.50	0.20
4 CRYPTOPHYTA			116		830850	15.98	81.16	31.99
5 DINOPHYTA			3		1674	0.03	1.72	0.68
6 CHRYSOPHYTA			406		3104556	59.70	70.47	27.77

6 62	PRYMNESIOPHYCEAE	354	2948112	56.69	49.39	19.46
6 63	CHRYSOPHYCEAE	23	123945	2.38	9.62	3.79
6 65	DIATOMOPHYCEAE	27	31642	0.61	9.71	3.83
6 66	TRIBOPHYCEAE	1	817	0.02	1.39	0.55
6 67	RAPHIDOPHYCEAE	1	40	0.00	0.38	0.15
7	CHLOROPHYTA	279	222245	4.27	14.71	5.80
7 74	CHLOROPHYCEAE	123	216005	4.15	11.39	4.49
7 75	CONJUGATOPHYCEAE	156	6240	0.12	3.33	1.31
9	OTHER PHYTOPLANKTON	108	899424	17.29	83.03	32.72
9 92	MONADS AND FLAGELLATES	108	899424	17.29	83.03	32.72
Total counted:		938	5200685		253.74	
Total autotrophs:		893	4825925	92.79	219.26	86.41
Total heterotrophs:		45	374760	7.21	34.48	13.59