

SAMPLE: 15274
 PLACE: Littoistenjärvi , yhdistetty N E
 DATE: 14.9.2017
 DEPTH: 0.00- 0.00 m

COUNTED BY Lounais-Suomen vesi- ja ympäristötutkimus Oy, SA ON 1/25/2018

CHAMBER VOLUME=10ml, DIAM=26mm

BIOMASS OF PHYTOPLANKTON COUNTED WITH Leica DMI3000 B:
 409 units in 100 Kenttiä at 788x
 961 units in 2 Mittajana at 250x
 2160 units in 1 Pohja at 125x

Species	Size A/H	Volume	Units	Coeff.	Units/l	Units %	ww µg/l	ww %
2 21 CHROOCOCCALES	4	5	5	10410	52050	0.81	0.26	0.01
2 21 CHROOCOCCALES	7	10	3	10410	31230	0.49	0.31	0.01
2 21 CHROOCOCCALES	11	26	2	10410	20820	0.32	0.54	0.02
2 21 CHROOCOCCALES	16	52	1	10410	10410	0.16	0.54	0.02
2 21 CYANODICTYON IMPERFECTUM	3	26	1	10410	10410	0.16	0.27	0.01
2 21 SNOWELLA ATOMUS KOMAREK & HIN	1	13	1	10410	10410	0.16	0.14	0.01
2 21 SNOWELLA SP.	3	42	2	10410	20820	0.32	0.87	0.04
4 0 CRYPTOMONADALES	2	24	3	10410	31230	0.49	0.75	0.03
4 0 KATABLEPHARIS OVALIS SKUJA	1 HET	92	3	10410	31230	0.49	2.87	0.12
4 0 RHODOMONAS LACUSTRIS PASCH.&R	1	37	22	10410	229020	3.56	8.47	0.36
5 0 PERIDINIUM SP.	6	29910	6	100	600	0.01	17.95	0.75
6 62 CHRYSOCHROMULINA SP.	2	17	1	10410	10410	0.16	0.18	0.01
6 63 BITRICHIA CHODATII (REV.) CHOD		226	9	2042	18378	0.29	4.15	0.17
6 63 KEPHYRIUM SP.		92	1	10410	10410	0.16	0.96	0.04
6 63 MALLOMONAS AKROKOMOS RUTTN.	1	1010	889	2042	1815338	28.21	1833.49	76.97
6 63 MALLOMONAS SP.	4	837	13	2042	26546	0.41	22.22	0.93
6 63 PSEUDOPEDINELLA SP.	2	65	7	10410	72870	1.13	4.74	0.20
6 63 SPINIFEROMONAS SP.	1	65	1	10410	10410	0.16	0.68	0.03
6 65 ASTERIONELLA FORMOSA HASS.	1	540	1730	100	173000	2.69	93.42	3.92
6 65 AULACOSEIRA AMBIGUA (GRUN.) SI	6	1570	184	100	18400	0.29	28.89	1.21
6 65 AULACOSEIRA GRANULATA V. ANGUS		377	2	100	200	0.00	0.08	0.00
6 65 AULACOSEIRA SP.	2	755	105	100	10500	0.16	7.93	0.33
6 65 AULACOSEIRA SP.	3	1570	88	100	8800	0.14	13.82	0.58
6 65 BACILLARIALES	8	1980	1	2042	2042	0.03	4.04	0.17
6 65 EUPODISCALES	5	393	11	10410	114510	1.78	45.00	1.89
6 65 EUPODISCALES	6	1325	2	10410	20820	0.32	27.59	1.16
6 66 TRIBOPHYCEAE		226	1	2042	2042	0.03	0.46	0.02
7 71 EUGLENOPHYCEAE		1413	1	2042	2042	0.03	2.89	0.12
7 74 ANKYRA JUDAYI (G.M.SM.) FOTT		71	44	2042	89848	1.40	6.38	0.27
7 74 CHLOROCOCCALES	1	8	6	10410	62460	0.97	0.50	0.02
7 74 CHLOROCOCCALES	4	718	6	10410	62460	0.97	44.85	1.88
7 74 CHLOROPHYCEAE	1	113	2	10410	20820	0.32	2.35	0.10
7 74 DICTYOSPHAERIUM PULCHELLUM WO		452	1	10410	10410	0.16	4.71	0.20
7 74 ELAKATOTHRIX GENEVENSIS HIND.	1	7	2	10410	20820	0.32	0.15	0.01
7 74 KIRCHNERIELLA SP.	1	14	2	10410	20820	0.32	0.29	0.01
7 74 KOLIELLA SPICULIFORMIS (VISCHE)	1	4	4	10410	41640	0.65	0.17	0.01
7 74 MONOMASTIX SP.	1	31	3	10410	31230	0.49	0.97	0.04
7 74 MONORAPHIDIUM CONTORTUM (THUR.	1	9	2	2042	4084	0.06	0.04	0.00
7 74 MONORAPHIDIUM DYBOWSKII (WOLOS	1	16	1	10410	10410	0.16	0.17	0.01
7 74 MONORAPHIDIUM DYBOWSKII (WOLOS	2	84	2	10410	20820	0.32	1.75	0.07
7 74 OOCYSTIS SP.	1	59	1	10410	10410	0.16	0.61	0.03
7 74 PEDIASTRUM ANGULOSUM (EHR.) ME	1	22687	1	100	100	0.00	2.27	0.10
7 74 PEDIASTRUM BORYANUM (TURP.) ME		20096	6	100	600	0.01	12.06	0.51
7 74 PSEUDOSPHAEROCYSTIS LACUSTRIS	1	1072	8	10410	83280	1.29	89.28	3.75
7 74 SCENEDESMUS BICELLULARIS		75	2	10410	20820	0.32	1.56	0.07
7 74 TETRAEDRON MINIMUM (A.BRAUN) H		256	1	10410	10410	0.16	2.66	0.11
7 75 CLOSTERIUM ACUTUM V. VARIABILE		377	35	100	3500	0.05	1.32	0.06
7 75 COSMARIUM SP.	2	938	1	2042	2042	0.03	1.92	0.08
7 75 STAUSTRUM CINGULUM (W.&G.S.W		7168	3	100	300	0.00	2.15	0.09
9 92 FLAGELLATES SPP. AUTO (OVAL)	2	5	29	10410	301890	4.69	1.51	0.06
9 92 FLAGELLATES SPP. AUTO (OVAL)	3	19	81	10410	843210	13.10	16.02	0.67
9 92 FLAGELLATES SPP. AUTO (OVAL)	5	181	1	10410	10410	0.16	1.88	0.08
9 92 FLAGELLATES SPP. AUTO (SPHERE)	2	8	61	10410	635010	9.87	5.08	0.21
9 92 FLAGELLATES SPP. AUTO (SPHERE)	3	33	47	10410	489270	7.60	16.15	0.68
9 92 MONAD AUTOTROPHIC	1	6	7	10410	72870	1.13	0.44	0.02
9 92 MONAD AUTOTROPHIC	2	14	46	10410	478860	7.44	6.70	0.28
9 92 MONAD AUTOTROPHIC	3	24	4	10410	41640	0.65	1.00	0.04
9 92 MONAD AUTOTROPHIC	4	65	8	10410	83280	1.29	5.41	0.23
9 92 MONAD AUTOTROPHIC	5	92	6	10410	62460	0.97	5.75	0.24
9 92 MONAD AUTOTROPHIC	6	180	12	10410	124920	1.94	22.49	0.94
2 CYANOPHYTA - CYANOPHYCEAE			15		156150	2.43	2.94	0.12
2 21 CHROOCOCCALES			15		156150	2.43	2.94	0.12
4 CRYPTOPHYTA			28		291480	4.53	12.10	0.51
5 DINOPHYTA			6		600	0.01	17.95	0.75
6 CHRYSOPHYTA			3045		2314676	35.96	2087.63	87.64
6 62 PRYMNESIOPHYCEAE			1		10410	0.16	0.18	0.01
6 63 CHRYSOPHYCEAE			920		1953952	30.36	1866.23	78.35
6 65 DIATOMOPHYCEAE			2123		348272	5.41	220.76	9.27
6 66 TRIBOPHYCEAE			1		2042	0.03	0.46	0.02
7 CHLOROPHYTA			134		529326	8.22	179.02	7.52
7 71 EUGLENOPHYCEAE			1		2042	0.03	2.89	0.12
7 74 CHLOROPHYCEAE			94		521442	8.10	170.75	7.17
7 75 CONJUGATOPHYCEAE			39		5842	0.09	5.39	0.23
9 OTHER PHYTOPLANKTON			302		3143820	48.85	82.43	3.46
9 92 MONADS AND FLAGELLATES			302		3143820	48.85	82.43	3.46

Total counted:	3530	6436052		2382.06
Total autotrophs:	3527	6404822	99.51	2379.18 99.88
Total heterotrophs:	3	31230	0.49	2.87 0.12