

SAMPLE: 17969
 PLACE: Littoistenjärvi , yhdistetty N E
 DATE: 13.9.2019
 DEPTH: 0.00- 0.00 m

COUNTED BY Lounais-Suomen vesi- ja ympäristötutkimus Oy, SA ON 4/16/2020

CHAMBER VOLUME=10ml, DIAM=26mm

BIOMASS OF PHYTOPLANKTON COUNTED WITH Leica DMI3000 B:
 253 units in 120 Kenttiä at 788x
 183 units in 2 Mittajana at 250x
 5691 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	1	8675	8675	0.28	0.04	0.00
2 21 CHROOCOCCALES	11	26	1	8675	8675	0.28	0.23	0.01
4 0 CRYPTOMONADALES	4	151	1	8675	8675	0.28	1.31	0.08
4 0 CRYPTOMONADALES	6	377	16	8675	138800	4.42	52.33	3.16
4 0 CRYPTOMONAS SP.	2	754	38	2042	77596	2.47	58.51	3.53
4 0 CRYPTOMONAS SP.	3	1769	58	2042	118436	3.77	209.51	12.64
4 0 CRYPTOMONAS SP.	4	2257	15	2042	30630	0.98	69.13	4.17
4 0 CRYPTOMONAS SP.	5	4136	5	2042	10210	0.33	42.23	2.55
4 0 CRYPTOMONAS SP.	6	13565	26	2042	53092	1.69	720.19	43.45
4 0 KATABLEPHARIS OVALIS	SKUJA 1 HET	92	7	8675	60725	1.94	5.59	0.34
4 0 RHODOMONAS LACUSTRIS	PASCH.&R 1	37	64	8675	555200	17.70	20.54	1.24
4 0 RHODOMONAS LACUSTRIS	PASCH.&R 2	82	73	8675	633275	20.18	51.93	3.13
4 0 RHODOMONAS LACUSTRIS	PASCH.&R 3	122	24	8675	208200	6.64	25.40	1.53
5 0 CERATIUM HIRUNDINELLA	(O.F.MÜL 1	44178	1	100	100	0.00	4.42	0.27
5 0 PERIDINIUM SP.	5	16747	2	100	200	0.01	3.35	0.20
6 62 CHRYSOCHROMULINA SP.	2	17	2	8675	17350	0.55	0.29	0.02
6 63 MALLOMONAS AKROKOMOS	RUTTN. 1	1010	6	2042	12252	0.39	12.37	0.75
6 63 MALLOMONAS SP.	3	335	2	8675	17350	0.55	5.81	0.35
6 63 MALLOMONAS SP.	4	837	4	2042	8168	0.26	6.84	0.41
6 63 PSEUDOPEDINELLA SP.	2	65	7	8675	60725	1.94	3.95	0.24
6 63 UROGLENA SP.	1	105	1	8675	8675	0.28	0.91	0.05
6 65 ASTERIONELLA FORMOSA	HASS. 1	540	5674	100	567400	18.08	306.40	18.49
6 65 AULACOSEIRA AMBIGUA (GRUN.)	SI 6	1570	1	2042	2042	0.07	3.21	0.19
6 65 AULACOSEIRA SP.	2	755	2	2042	4084	0.13	3.08	0.19
6 65 BACILLARIALES	3	198	1	2042	2042	0.07	0.40	0.02
6 65 BACILLARIALES	10	2640	2	2042	4084	0.13	10.78	0.65
6 65 EUPODISCALES	7	3140	1	100	100	0.00	0.31	0.02
6 65 SYNEDRA SP.	2	280	1	2042	2042	0.07	0.57	0.03
6 66 PSEUDOSTAURASTRUM LIMNETICUM	(1	1018	1	100	100	0.00	0.10	0.01
7 71 EUGLENOPHYCEAE	1	1413	1	2042	2042	0.07	2.89	0.17
7 73 SCOURFIELDIA COMPLANATA	G.S.W 1	31	1	8675	8675	0.28	0.27	0.02
7 74 ANKYRA JUDAYI (G.M.SM.)	FOTT 23	71	23	2042	46966	1.50	3.33	0.20
7 74 DICTYOSPHAERIUM PULCHELLUM	WO 8	452	8	100	800	0.03	0.36	0.02
7 74 MONOMASTIX SP.	1	31	5	8675	43375	1.38	1.34	0.08
7 74 MONORAPHIDIUM SP.	1	10	1	8675	8675	0.28	0.09	0.01
7 74 OOCYSTIS SP.	1	59	1	8675	8675	0.28	0.51	0.03
7 74 PEDIASTRUM BORYANUM (TURP.)	ME 1	20096	1	100	100	0.00	2.01	0.12
7 74 PEDIASTRUM DUPLEX	MEYEN 3	9499	1	100	100	0.00	0.95	0.06
7 74 PEDIASTRUM DUPLEX	MEYEN 4	11304	1	100	100	0.00	1.13	0.07
7 74 SCENEDESMUS SP.	1	25	4	8675	34700	1.11	0.87	0.05
7 75 COSMARIUM MARGARITIFERUM	MENE 1	48565	1	100	100	0.00	4.86	0.29
9 92 FLAGELLATES SPP. AUTO (OVAL)	2	5	3	8675	26025	0.83	0.13	0.01
9 92 FLAGELLATES SPP. AUTO (OVAL)	3	19	5	8675	43375	1.38	0.82	0.05
9 92 FLAGELLATES SPP. AUTO (SPHERE)	2	8	7	8675	60725	1.94	0.49	0.03
9 92 FLAGELLATES SPP. AUTO (SPHERE)	3	33	4	8675	34700	1.11	1.15	0.07
9 92 MONAD AUTOTROPHIC	2	14	12	8675	104100	3.32	1.46	0.09
9 92 MONAD AUTOTROPHIC	3	24	1	8675	8675	0.28	0.21	0.01
9 92 MONAD AUTOTROPHIC	4	65	4	8675	34700	1.11	2.26	0.14
9 92 MONAD AUTOTROPHIC	6	180	3	8675	26025	0.83	4.68	0.28
9 92 MONAD AUTOTROPHIC	7	188	2	8675	17350	0.55	3.26	0.20
9 92 MONAD AUTOTROPHIC	9	523	1	8675	8675	0.28	4.54	0.27
2	CYANOPHYTA - CYANOPHYCEAE		2		17350	0.55	0.27	0.02
2 21	CHROOCOCCALES		2		17350	0.55	0.27	0.02
4	CRYPTOPHYTA		327		1894839	60.39	1256.67	75.82
5	DINOPHYTA		3		300	0.01	7.77	0.47
6	CHRYSOPHYTA		5705		706414	22.51	355.04	21.42
6 62	PRYMNESIOPHYCEAE		2		17350	0.55	0.29	0.02
6 63	CHRYSOPHYCEAE		20		107170	3.42	29.88	1.80
6 65	DIATOMOPHYCEAE		5682		581794	18.54	324.76	19.60
6 66	TRIBOPHYCEAE		1		100	0.00	0.10	0.01
7	CHLOROPHYTA		48		154308	4.92	18.61	1.12
7 71	EUGLENOPHYCEAE		1		2042	0.07	2.89	0.17
7 73	PRASINOPHYCEAE		1		8675	0.28	0.27	0.02
7 74	CHLOROPHYCEAE		45		143491	4.57	10.60	0.64
7 75	CONJUGATOPHYCEAE		1		100	0.00	4.86	0.29
9	OTHER PHYTOPLANKTON		42		364350	11.61	18.99	1.15
9 92	MONADS AND FLAGELLATES		42		364350	11.61	18.99	1.15
Total counted:			6127		3137561		1657.34	
Total autotrophs:			6120		3076836	98.06	1651.75	99.66
Total heterotrophs:			7		60725	1.94	5.59	0.34