

SAMPLE: 17753  
 PLACE: Littoistenjärvi , yhdistetty N E  
 DATE: 19.10.2017  
 DEPTH: 0.00- 0.00 m

COUNTED BY Lounais-Suomen vesi- ja ympäristötutkimus Oy, SA ON 1/29/2018

CHAMBER VOLUME=10ml, DIAM=26mm

BIOMASS OF PHYTOPLANKTON COUNTED WITH Leica DMI3000 B:  
 465 units in 65 Kenttiä at 788x  
 196 units in 2 Mittajana at 250x  
 460 units in 1 Pohja at 125x

COMMENT: Näytteessä runsaasti pikoplanktonia, jonka vuoksi ei voitu laskeuttaa suurempaa näytetilavuutta.

Species	Size A/H	Volume	Units	Coeff.	Units/l	Units %	ww µg/l	ww %
2 21 SNOWELLA SP.	3	42	8	16016	128128	1.62	5.38	1.15
4 0 CRYPTOMONAS SP.	2	754	1	2042	2042	0.03	1.54	0.33
4 0 KATABLEPHARIS OVALIS SKUJA	1 HET	92	2	16016	32032	0.41	2.95	0.63
4 0 RHODOMONAS LACUSTRIS PASCH.&R	1	37	62	16016	992992	12.58	36.74	7.83
4 0 RHODOMONAS LACUSTRIS PASCH.&R	4	204	5	16016	80080	1.01	16.34	3.48
5 0 PERIDINIUM SP.	6	29910	1	100	100	0.00	2.99	0.64
6 63 BITRICHIA CHODATII (REV.) CHOD	1	226	1	2042	2042	0.03	0.46	0.10
6 63 KEPHYRION SP.	2	92	2	16016	32032	0.41	2.95	0.63
6 63 MALLOMONAS AKROKOMOS RUTTN.	1	1010	120	2042	245040	3.10	247.49	52.75
6 63 MALLOMONAS SP.	4	837	2	2042	4084	0.05	3.42	0.73
6 63 PSEUDOPEDINELLA SP.	2	65	8	16016	128128	1.62	8.33	1.78
6 63 UROGLENA SP.	1	105	1	16016	16016	0.20	1.68	0.36
6 65 ASTERIONELLA FORMOSA HASS.	1	540	346	100	34600	0.44	18.68	3.98
6 65 AULACOSEIRA AMBIGUA (GRUN.) SI	6	1570	2	100	200	0.00	0.31	0.07
6 65 AULACOSEIRA SP.	2	755	5	100	500	0.01	0.38	0.08
6 65 AULACOSEIRA SP.	3	1570	21	100	2100	0.03	3.30	0.70
6 65 BACILLARIALES	8	1980	1	100	100	0.00	0.20	0.04
6 65 NITZSCHIA SP.	5	2500	1	100	100	0.00	0.25	0.05
7 74 ANKYRA JUDAYI (G.M.SM.) FOTT	1	71	68	2042	138856	1.76	9.86	2.10
7 74 BOTRYOCOCCUS SP.	1	589	3	100	300	0.00	0.18	0.04
7 74 ELAKATOTHRIX GENEVENSIS HIND.	1	7	1	16016	16016	0.20	0.11	0.02
7 74 KOLIELLA SPICULIFORMIS (VISCHE	1	4	4	2042	8168	0.10	0.03	0.01
7 75 CLOSTERIUM ACUTUM V. VARIABLE	1	377	80	100	8000	0.10	3.02	0.64
9 92 FLAGELLATES SPP. AUTO (OVAL)	2	5	42	16016	672672	8.52	3.36	0.72
9 92 FLAGELLATES SPP. AUTO (OVAL)	3	19	123	16016	1969968	24.96	37.43	7.98
9 92 FLAGELLATES SPP. AUTO (OVAL)	4	64	1	16016	16016	0.20	1.03	0.22
9 92 FLAGELLATES SPP. AUTO (SPHERE)	2	8	96	16016	1537536	19.48	12.30	2.62
9 92 FLAGELLATES SPP. AUTO (SPHERE)	3	33	33	16016	528528	6.70	17.44	3.72
9 92 MONAD AUTOTROPHIC	1	6	10	16016	160160	2.03	0.96	0.20
9 92 MONAD AUTOTROPHIC	2	14	58	16016	928928	11.77	13.00	2.77
9 92 MONAD AUTOTROPHIC	3	24	3	16016	48048	0.61	1.15	0.25
9 92 MONAD AUTOTROPHIC	4	65	7	16016	112112	1.42	7.29	1.55
9 92 MONAD AUTOTROPHIC	6	180	3	16016	48048	0.61	8.65	1.84
2 CYANOPHYTA - CYANOPHYCEAE			8		128128	1.62	5.38	1.15
2 21 CHROOCOCCALES			8		128128	1.62	5.38	1.15
4 CRYPTOPHYTA			70		1107146	14.03	57.56	12.27
5 DINOPHYTA			1		100	0.00	2.99	0.64
6 CHRYSOPHYTA			510		464942	5.89	287.45	61.26
6 63 CHRYSOPHYCEAE			134		427342	5.41	264.33	56.34
6 65 DIATOMOPHYCEAE			376		37600	0.48	23.12	4.93
7 CHLOROPHYTA			156		171340	2.17	13.20	2.81
7 74 CHLOROPHYCEAE			76		163340	2.07	10.18	2.17
7 75 CONJUGATOPHYCEAE			80		8000	0.10	3.02	0.64
9 OTHER PHYTOPLANKTON			376		6022016	76.29	102.61	21.87
9 92 MONADS AND FLAGELLATES			376		6022016	76.29	102.61	21.87
Total counted:			1121		7893672		469.19	
Total autotrophs:			1119		7861640	99.59	466.25	99.37
Total heterotrophs:			2		32032	0.41	2.95	0.63