

SAMPLE: 6612
 PLACE: Littoistenjärvi , yhdistetty N E
 DATE: 23.5.2017
 DEPTH: 0.00- 0.00 m

COUNTED BY Lounais-Suomen vesi- ja ympäristötutkimus Oy, SA ON 6/13/2017

CHAMBER VOLUME=50ml, DIAM=26mm

BIOMASS OF PHYTOPLANKTON COUNTED WITH Leica DMI3000 B:
 145 units in 100 Kenttiä at 788x
 39 units in 1 Pohja at 125x
 374 units in 2 Mittajana at 250x

COMMENT: Näytteessä runsaasti sakkaa sekä tyhjiä piileväkuoria.

Species	Size A/H	Volume	Units	Coeff.	Units/l	Units %	ww µg/l	ww %
2 21 APHANOCAPSA SP.	2	305	3	408	1224	0.27	0.37	0.39
2 21 CHROOCOCCALES	4	5	1	2082	2082	0.46	0.01	0.01
2 21 CHROOCOCCALES	6	9	1	2082	2082	0.46	0.02	0.02
2 21 CHROOCOCCALES	11	26	1	2082	2082	0.46	0.05	0.06
2 21 CHROOCOCCALES	14	47	1	2082	2082	0.46	0.10	0.10
2 21 CHROOCOCCALES	16	52	1	2082	2082	0.46	0.11	0.11
2 21 CYANODICTYON IMPERFECTUM	3	cf. 26	3	2082	6246	1.38	0.16	0.17
2 21 MICROCYSTIS AERUGINOSA (KÜTZ.)	1	6542	1	20	20	0.00	0.13	0.14
2 21 MICROCYSTIS SP.	2	65	15	408	6120	1.35	0.40	0.42
2 21 SNOWELLA SP.	3	42	14	2082	29148	6.42	1.22	1.29
2 21 WORONICHINIA NAEGELIANA (UNGER)	3	7052	1	20	20	0.00	0.14	0.15
5 0 DINOPHYCEAE	5	2010	2	408	816	0.18	1.64	1.73
6 65 AULACOSEIRA AMBIGUA (GRUN.) SI	6	1570	24	408	9792	2.16	15.37	16.26
6 65 AULACOSEIRA GRANULATA V. ANGUS		377	4	408	1632	0.36	0.62	0.65
6 65 AULACOSEIRA SP.	2	755	61	408	24888	5.48	18.79	19.87
6 65 AULACOSEIRA SP.	3	1570	17	408	6936	1.53	10.89	11.52
6 65 BACILLARIALES	1	72	1	2082	2082	0.46	0.15	0.16
6 65 BACILLARIALES	2	135	3	408	1224	0.27	0.17	0.17
6 65 BACILLARIALES	3	198	58	408	23664	5.21	4.69	4.96
6 65 BACILLARIALES	7	1800	1	20	20	0.00	0.04	0.04
6 65 BACILLARIALES	8	1980	2	408	816	0.18	1.62	1.71
6 65 EUPODISCALES	3	49	1	2082	2082	0.46	0.10	0.11
6 65 FRAGILARIA SP.	2	525	3	408	1224	0.27	0.64	0.68
6 65 SYNEDRA ULNA (NITZSCH) EHR.	3	9800	1	20	20	0.00	0.20	0.21
7 71 EUGLENOPHYCEAE		1413	7	408	2856	0.63	4.04	4.27
7 74 BOTRYOCOCCUS SP.	2	3052	1	20	20	0.00	0.06	0.06
7 74 COELASTRUM MICROPORUM NÄG.		3215	1	408	408	0.09	1.31	1.39
7 74 COELASTRUM SPHAERICUM NÄG.		cf. 2872	2	20	40	0.01	0.11	0.12
7 74 KIRCHNERIELLA SP.	2	100	1	2082	2082	0.46	0.21	0.22
7 74 KOLIELLA LONGISETA HIND.		126	9	408	3672	0.81	0.46	0.49
7 74 KOLIELLA SPICULIFORMIS (VISCHE)	1	cf. 4	5	408	2040	0.45	0.01	0.01
7 74 MONORAPHIDIUM CONTORTUM (THUR.)	1	9	114	408	46512	10.24	0.42	0.44
7 74 MONORAPHIDIUM CONTORTUM (THUR.)	4	42	40	408	16320	3.59	0.69	0.72
7 74 MONORAPHIDIUM GRIFFITHII (BERK)	2	141	1	408	408	0.09	0.06	0.06
7 74 PEDIASTRUM ANGULOSUM (EHR.) ME	1	22687	3	20	60	0.01	1.36	1.44
7 74 PEDIASTRUM BORYANUM (TURP.) ME		20096	23	20	460	0.10	9.24	9.78
7 74 PEDIASTRUM DUPLEX MEYEN	1	1963	1	408	408	0.09	0.80	0.85
7 74 PEDIASTRUM DUPLEX MEYEN	2	5024	2	20	40	0.01	0.20	0.21
7 74 PEDIASTRUM DUPLEX MEYEN	5	17663	1	20	20	0.00	0.35	0.37
7 74 PEDIASTRUM DUPLEX V. GRACILLIM		5024	2	20	40	0.01	0.20	0.21
7 74 PEDIASTRUM SP.		5652	1	408	408	0.09	2.31	2.44
7 74 SCENEDESMUS ARMATUS CHOD.	1	170	1	2082	2082	0.46	0.35	0.37
7 74 SCENEDESMUS BICELLULARIS		75	5	2082	10410	2.29	0.78	0.83
7 74 SCENEDESMUS OPOLIENSIS P.RICH	2	402	2	2082	4164	0.92	1.67	1.77
7 74 SCENEDESMUS SP.	1	25	6	2082	12492	2.75	0.31	0.33
7 74 SCENEDESMUS SP.	2	50	5	2082	10410	2.29	0.52	0.55
7 74 SCENEDESMUS SP.	4	151	2	2082	4164	0.92	0.63	0.66
7 74 SCENEDESMUS SP.	6	301	2	2082	4164	0.92	1.25	1.33
7 74 TETRAEDRON MINIMUM (A.BRAUN) H		256	1	2082	2082	0.46	0.53	0.56
7 74 TETRASTRUM SP.		cf. 247	1	2082	2082	0.46	0.51	0.54
7 75 STAUSTRUM SP.	2	921	1	20	20	0.00	0.02	0.02
9 92 FLAGELLATES SPP. AUTO (OVAL)	3	19	2	2082	4164	0.92	0.08	0.08
9 92 FLAGELLATES SPP. AUTO (SPHERE)	3	33	6	2082	12492	2.75	0.41	0.44
9 92 MONAD AUTOTROPHIC	1	6	5	2082	10410	2.29	0.06	0.07
9 92 MONAD AUTOTROPHIC	2	14	26	2082	54132	11.92	0.76	0.80
9 92 MONAD AUTOTROPHIC	3	24	10	2082	20820	4.59	0.50	0.53
9 92 MONAD AUTOTROPHIC	4	65	44	2082	91608	20.18	5.95	6.30
9 92 MONAD AUTOTROPHIC	6	180	2	2082	4164	0.92	0.75	0.79
2 CYANOPHYTA - CYANOPHYCEAE			42		53188	11.71	2.72	2.88
2 21 CHROOCOCCALES			42		53188	11.71	2.72	2.88
5 DINOPHYTA			2		816	0.18	1.64	1.73
6 CHRYSOPHYTA			176		74380	16.38	53.26	56.33
6 65 DIATOMOPHYCEAE			176		74380	16.38	53.26	56.33
7 CHLOROPHYTA			240		127864	28.16	28.42	30.06
7 71 EUGLENOPHYCEAE			7		2856	0.63	4.04	4.27
7 74 CHLOROPHYCEAE			232		124988	27.53	24.37	25.77
7 75 CONJUGATOPHYCEAE			1		20	0.00	0.02	0.02
9 OTHER PHYTOPLANKTON			95		197790	43.56	8.52	9.01
9 92 MONADS AND FLAGELLATES			95		197790	43.56	8.52	9.01
Total counted:			555		454038		94.56	
Total autotrophs:			555		454038	100.00	94.56	100.00

Total heterotrophs:

0

0

0.00

0.00

0.00