

SAMPLE: 19975
 PLACE: Littoistenjärvi , yhdistetty N E
 DATE: 9.10.2019
 DEPTH: 0.00- 0.00 m

COUNTED BY Lounais-Suomen vesi- ja ympäristötutkimus Oy, SA ON 4/20/2020

CHAMBER VOLUME=25ml, DIAM=26mm

BIOMASS OF PHYTOPLANKTON COUNTED WITH Leica DMI3000 B:
 464 units in 85 Kenttiä at 788x
 382 units in 2 Mittajana at 250x
 480 units in 1 Pohja at 125x

Species	Size A/H	Volume	Units	Coeff.	Units/l	Units %	ww µg/l	ww %
4 0 CRYPTOMONADALES	4	151	5	4899	24495	0.94	3.70	0.37
4 0 CRYPTOMONADALES	6	377	10	4899	48990	1.88	18.47	1.85
4 0 CRYPTOMONAS SP.	2	754	97	817	79249	3.04	59.75	5.97
4 0 CRYPTOMONAS SP.	3	1769	50	817	40850	1.57	72.26	7.23
4 0 CRYPTOMONAS SP.	4	2257	54	817	44118	1.69	99.57	9.96
4 0 CRYPTOMONAS SP.	5	4136	39	817	31863	1.22	131.79	13.18
4 0 CRYPTOMONAS SP.	6	13565	25	817	20425	0.78	277.07	27.70
4 0 KATABLEPHARIS OVALIS	SKUJA 1 HET	92	3	4899	14697	0.56	1.35	0.14
4 0 RHODOMONAS LACUSTRIS	PASCH.&R 1	37	54	4899	264546	10.16	9.79	0.98
4 0 RHODOMONAS LACUSTRIS	PASCH.&R 3	122	220	4899	1077780	41.38	131.49	13.15
4 0 RHODOMONAS LACUSTRIS	PASCH.&R 4	204	79	4899	387021	14.86	78.95	7.89
5 0 DINOPHYCEAE	4	942	7	817	5719	0.22	5.39	0.54
5 0 DINOPHYCEAE	5	2010	2	817	1634	0.06	3.28	0.33
6 62 CHRYSOCHROMULINA SP.	1	9	1	4899	4899	0.19	0.04	0.00
6 63 MALLOMONAS AKROKOMOS	RUTTN. 1	1010	83	817	67811	2.60	68.49	6.85
6 63 MALLOMONAS SP.	3	335	5	817	4085	0.16	1.37	0.14
6 63 MALLOMONAS SP.	4	837	1	817	817	0.03	0.68	0.07
6 63 PSEUDOPEDINELLA SP.	2	65	7	4899	34293	1.32	2.23	0.22
6 63 SPINIFEROMONAS SP.	1	65	1	4899	4899	0.19	0.32	0.03
6 65 ASTERIONELLA FORMOSA	HASS. 1	540	459	40	18360	0.70	9.91	0.99
6 65 AULACOSEIRA AMBIGUA (GRUN.)	SI 6	1570	17	40	680	0.03	1.07	0.11
6 65 AULACOSEIRA SP.	2	755	6	817	4902	0.19	3.70	0.37
6 65 BACILLARIALES	2	135	5	817	4085	0.16	0.55	0.06
6 65 BACILLARIALES	8	1980	1	817	817	0.03	1.62	0.16
6 65 BACILLARIALES	10	2640	1	40	40	0.00	0.11	0.01
6 65 SYNEDRA ACUS	KÜTZ. 4	3200	1	40	40	0.00	0.13	0.01
7 74 ANKYRA JUDAYI (G.M.SM.)	FOTT 6	71	6	817	4902	0.19	0.35	0.03
7 74 ELAKATOTHRIX GENEVENSI	HIND. 3	196	1	817	817	0.03	0.16	0.02
7 74 MONORAPHIDIUM SP.	1	10	1	4899	4899	0.19	0.05	0.00
7 74 PEDIASTRUM BORYANUM (TURP.)	ME 6	20096	1	40	40	0.00	0.80	0.08
7 74 SCENEDESMUS SP.	1	25	2	4899	9798	0.38	0.24	0.02
7 74 TETRAEDRON MINIMUM V.	TETRALOB 5	56	5	4899	24495	0.94	1.37	0.14
7 75 STAUSTRUM SP.	2	921	1	40	40	0.00	0.04	0.00
9 92 FLAGELLATES SPP. AUTO (OVAL)	2	5	2	4899	9798	0.38	0.05	0.00
9 92 FLAGELLATES SPP. AUTO (OVAL)	3	19	3	4899	14697	0.56	0.28	0.03
9 92 FLAGELLATES SPP. AUTO (OVAL)	5	181	2	4899	9798	0.38	1.77	0.18
9 92 FLAGELLATES SPP. AUTO (SPHERE)	2	8	23	4899	112677	4.33	0.90	0.09
9 92 FLAGELLATES SPP. AUTO (SPHERE)	3	33	6	4899	29394	1.13	0.97	0.10
9 92 FLAGELLATES SPP. AUTO (SPHERE)	4	113	1	4899	4899	0.19	0.55	0.06
9 92 FLAGELLATES SPP. AUTO (SPHERE)	5	321	2	4899	9798	0.38	3.15	0.31
9 92 MONAD AUTOTROPHIC	1	6	12	4899	58788	2.26	0.35	0.04
9 92 MONAD AUTOTROPHIC	2	14	9	4899	44091	1.69	0.62	0.06
9 92 MONAD AUTOTROPHIC	3	24	4	4899	19596	0.75	0.47	0.05
9 92 MONAD AUTOTROPHIC	4	65	10	4899	48990	1.88	3.18	0.32
9 92 MONAD AUTOTROPHIC	6	180	2	4899	9798	0.38	1.76	0.18
4 CRYPTOPHYTA			636		2034034	78.10	884.19	88.41
5 DINOPHYTA			9		7353	0.28	8.67	0.87
6 CHRYSOPHYTA			588		145728	5.60	90.22	9.02
6 62 PRYMNESIOPHYCEAE			1		4899	0.19	0.04	0.00
6 63 CHRYSOPHYCEAE			97		111905	4.30	73.09	7.31
6 65 DIATOMOPHYCEAE			490		28924	1.11	17.09	1.71
7 CHLOROPHYTA			17		44991	1.73	3.01	0.30
7 74 CHLOROPHYCEAE			16		44951	1.73	2.98	0.30
7 75 CONJUGATOPHYCEAE			1		40	0.00	0.04	0.00
9 OTHER PHYTOPLANKTON			76		372324	14.30	14.06	1.41
9 92 MONADS AND FLAGELLATES			76		372324	14.30	14.06	1.41
Total counted:			1326		2604430		1000.16	
Total autotrophs:			1323		2589733	99.44	998.80	99.86
Total heterotrophs:			3		14697	0.56	1.35	0.14