

List of taxa and their abundances in two investigation years.

	Investigation years	
	2008	2009
<i>List of phytoplankton taxa and their abundances (ind.L<sup>-1</sup>)</i>		
<b>Chlorophyta</b>		
<i>Acanthosphaera zachariasii</i> Lemmermann, 1899	160.000 ± 160.000	0
<i>Actinastrum hantzschii</i> var. <i>subtile</i> J. Woloszynska	24.853.333 ± 12.941.196	60.800 ± 33.183
<i>Cosmarium</i> sp. Corda ex Ralfs, 1848	0	267 ± 267
<i>Chlamydomonas</i> sp. Ehrenberg, 1833	2.354.667 ± 2.181.693	204.333 ± 150.839
<i>Chlorella</i> sp. M. Beijerinck, 1890	1.014.400 ± 669.649	25.200 ± 15.371
<i>Chlorella vulgaris</i> Beyerinck [Beijerinck], 1890	453.333 ± 308.048	0
<i>Chlorogonium</i> sp. Ehrenberg, 1837	0	533 ± 533
<i>Chlorolobion</i> sp. Korshikov, 1953	0	34.667 ± 34.667
<i>Closterium acutum</i> Brébisson, 1848	0	21.200 ± 15.365
<i>Closterium incurvum</i> Brébisson, 1856	2.146.667 ± 1.290.642	1.867 ± 1.867
<i>Closterium limneticum</i> Lemmermann, 1899	5.676.000 ± 4.792.536	0
<i>Closterium limneticum</i> var. <i>tenue</i> Lemmermann, 1899	634.667 ± 426.014	0
<i>Coelastrum microporum</i> Nägeli, 1855	393.333 ± 347.465	0
<i>Coenochloris hindakii</i> J. Komárek, 1979	189.333 ± 189.333	0
<i>Crucigeniella pulchra</i> (West & G.S. West) Komárek	0	133 ± 133
<i>Dictyosphaerium pulchellum</i> H.C. Wood, 1873	200.000 ± 136.626	0
<i>Dictyosphaerium tetrachotomum</i> Printz, 1914	66.667 ± 66.667	0
<i>Hyaloraphidium contortum</i> Pasher & Korshikov	0	12.267 ± 10.526
<i>Kirchneriella contorta</i> (Schmidle) Bohlin, 1897	80.000 ± 53.333	0
<i>Lagerheimia</i> sp. R. Chodat, 1985	0	133 ± 133
<i>Lagerheimia subsalsa</i> Lemmermann, 1898	26.667 ± 26.667	0
<i>Micractinium pusillum</i> Fresenius, 1858	40.000 ± 40.000	0
<i>Monoraphidium arcuatum</i> (Korshikov) Hindák, 1970	2.150.667 ± 1.220.354	359.973 ± 128.000
<i>Monoraphidium contortum</i> (Thuret) Komárková-Legnerová, 1969	9.600 ± 9.600	115.333 ± 69.470
<i>Monoraphidium komarkovae</i> Nygaard, 1979	284.000 ± 141.666	123.147 ± 35.722
<i>Monoraphidium minutum</i> (Nägeli) Komárková-Legnerová, 1969	0	45.333 ± 23.298
<i>Monoraphidium obtusum</i> (Korshikov) Komárková-Legnerová, 1969	0	1.067 ± 1.067
<i>Nephrocytium</i> sp. Nägeli, 1849	133.333 ± 119.257	0
<i>Oocystis</i> sp. Nägeli ex A. Braun, 1855	485.067 ± 156.975	1.933 ± 902
<i>Oocystis marssonii</i> Lemmermann, 1898	0	2.133 ± 2.133
<i>Pandorina morum</i> (O.F. Muller) Bory de Saint-Vincent, 1824	9.067 ± 7.700	0
<i>Pediastrum boryanum</i> (Turpin) Meneghini, 1840	216.000 ± 96.840	0
<i>Pediastrum duplex</i> Meyen, 1829	693.867 ± 322.515	0
<i>Pediastrum tetras</i> (Ehrenberg) Ralfs, 1844	413.333 ± 206.406	800 ± 569
<i>Radiococcus planktonicus</i> J.W.G. Lund, 1956	200.000 ± 185.659	0
<i>Scenedesmus acuminatus</i> (Lagerheim) Chodat, 1902	777.333 ± 282.032	314.613 ± 106.642
<i>Scenedesmus acutus</i> Meyen, 1829	123.733 ± 80.999	0
<i>Scenedesmus bicaudatus</i> (Hansgirg) Chodat	2.734.667 ± 1.168.080	6.333 ± 3.301
<i>Scenedesmus ecornis</i> (Ehrenberg) Chodat	31.733 ± 17.063	0
<i>Scenedesmus linearis</i> Komárek	3.200 ± 3.200	1.133 ± 703
<i>Scenedesmus obtusus</i> Meyen, 1829	1.333 ± 1.333	0
<i>Scenedesmus opoliensis</i> P.G. Richter, 1897	0	7.200 ± 6.493
<i>Scenedesmus quadricauda</i> (Turpin) Brébisson in Brébisson & Godey, 1835	16.481.333 ± 10.156.131	152.080 ± 48.650
<i>Scenedesmus sempervirens</i> Chodat	0	933 ± 630
<i>Scenedesmus</i> spp. Meyen, 1829	9.616.000 ± 9.616.000	0
<i>Schroederia</i> sp. Lemmermann, 1898	0	4.800 ± 3.951
<i>Schroederia setigera</i> (Schröder) Lemmermann, 1898	9.600 ± 9.600	0
<i>Tetraedron caudatum</i> (Corda) Hansgirg, 1888	0	533 ± 533
<i>Tetraedron minimum</i> (A. Braun) Hansgirg, 1888	0	67 ± 67
<i>Tetraedron triangulare</i> Korshikov	0	533 ± 533
<i>Tetrastrum elegans</i> Playfair, 1917	40.000 ± 28.458	0
<i>Tetrastrum heteracanthum</i> (Nordstedt) Chodat	189.333 ± 117.821	0
<i>Tetrastrum komarekii</i> Hindák, 1977	32.000 ± 32.000	0
<i>Tetrastrum triacanthum</i> Korshikov	32.267 ± 31.971	0
<i>Tetrastrum triangulare</i> (Chodat) Komárek, 1974	198.667 ± 138.056	15.333 ± 13.177
<i>Willea</i> sp. Schmidle, 1900	14.667 ± 14.667	0

Table (Contd)

	Investigation years	
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<b>Cyanobacteria</b>		
<i>Anabaena</i> sp. Bory de Saint-Vincent ex Bornet & Flahault, 1886	0	533 ± 533
<i>Anabaena spiroides</i> Klebahn, 1895	146.667 ± 146.667	0
<i>Anabaenopsis</i> sp. V.V. Miller, 1923	0	87.733 ± 87.733
<i>Leptodermella parva</i> Hindak	93.333 ± 93.333	0
<i>Oscillatoria</i> sp. Vaucher ex Gomont, 1892	13.333 ± 13.333	0
<i>Phormidium</i> sp. Kützing ex Gomont, 1892	88.000 ± 47.545	7.133 ± 4.981
<i>Planktolyngbya contorta</i> (Lemmermann) Anagnostidis & Komárek, 1988	4.442.667 ± 2.750.778	0
<i>Planktolyngbya limnetica</i> (Lemmermann) J. Komárková-Legnerová & G. Cronberg, 1992	50.093.333 ± 20.913.768	6.684.533 ± 1.768.882
<b>Bacillariophyta</b>		
<i>Cyclotella meneghiniana</i> Kützing, 1844	108.800 ± 108.800	0
<i>Cyclotella</i> sp. (Kützing) Brébisson, 1838	1.311.733 ± 971.848	36.467 ± 14.959
<i>Fragilaria ulna</i> (Nitzsch) Lange-Bertalot, 1980	3.669.600 ± 1.411.394	667 ± 667
<i>Fragilaria</i> sp. Lyngbye, 1819	0	3.200 ± 3.200
<i>Navicula</i> sp. Bory de Saint-Vincent, 1822	172.267 ± 69.960	12.267 ± 11.973
<i>Nitzschia acicularis</i> (Kützing) W. Smith, 1835	19.795.200 ± 9.300.407	16.880 ± 8.170
<i>Nitzschia sigmoidea</i> (Nitzsch) W. Smith, 1853	2.667 ± 2.667	0
<i>Pinnularia</i> sp. Ehrenberg, 1843	0	267 ± 267
<b>Euglenophyta</b>		
<i>Euglena adhaerens</i> Matvienko, 1938	0	533 ± 533
<i>Euglena anabaena</i> Mainx, 1926	26.667 ± 26.667	41.333 ± 40.742
<i>Euglena anabaena</i> var. <i>minima</i> Mainx, 1928	0	8.533 ± 8.533
<i>Euglena acus</i> (O.F. Müller) Ehrenberg, 1830	2.667 ± 2.667	0
<i>Euglena caudata</i> Hübner, 1886	3.200 ± 3.200	0
<i>Euglena chlamydophora</i> Mainx, 1927	256.000 ± 149.386	44.467 ± 15.307
<i>Euglena clara</i> Skuja, 1948	18.667 ± 18.667	13.267 ± 7.574
<i>Euglena clavata</i> Skuja, 1948	9.333 ± 9.333	3.400 ± 2.254
<i>Euglena ehrenbergii</i> Klebs, 1883	0	67 ± 67
<i>Euglena geniculata</i> Dujardin, 1841	53.333 ± 53.333	0
<i>Euglena limnophila</i> Lemmermann, 1898	141.333 ± 106.020	14.400 ± 9.674
<i>Euglena limnophila</i> var. <i>swirenkoi</i> (Arnoldi) T.G. Popova, 1955	133.333 ± 133.333	0
<i>Euglena minima</i> Francé, 1897	0	866.133 ± 763.328
<i>Euglena oblonga</i> F. Schmitz, 1884	37.333 ± 27.599	800 ± 800
<i>Euglena oxyuris</i> Schmarda, 1846	36.000 ± 19.070	0
<i>Euglena pascheri</i> Swirengo, 1915	6.667 ± 6.667	67 ± 67
<i>Euglena retronata</i> L.P. Johnson, 1944	44.533 ± 32.368	0
<i>Euglena rostrifera</i> L.P. Johnson, 1944	0	267 ± 267
<i>Euglena</i> sp. Ehrenberg, 1830	120.000 ± 85.375	26.667 ± 17.309
<i>Euglena variabilis</i> G.A. Klebs, 1883	0	25.067 ± 13.639
<i>Euglena viridis</i> (O.F. Müller) Ehrenberg, 1830	29.333 ± 26.503	34.667 ± 14.052
<i>Lepocinclis salina</i> F.E. Fritsch, 1914	1.478.667 ± 486.582	1.333 ± 820
<i>Lepocinclis</i> sp. Perty, 1849	0	12.800 ± 12.800
<i>Phacus acuminatus</i> Stokes, 1885	77.333 ± 52.165	3.800 ± 2.898
<i>Phacus anomalus</i> F.E. Fritsch & M.F. Rich, 1929	21.333 ± 14.767	1.067 ± 1.067
<i>Phacus caudatus</i> Hübner, 1886	296.267 ± 221.230	533 ± 533
<i>Phacus cylindrus</i> Pochmann, 1942	84.000 ± 56.710	202.067 ± 113.832
<i>Phacus chloroplastes</i> Prescott, 1944	8.000 ± 8.000	0
<i>Phacus curvicauda</i> Svirengo, 1915	765.333 ± 311.315	0
<i>Phacus hamatus</i> Pochmann, 1942	5.333 ± 5.333	0
<i>Phacus longicauda</i> (Ehrenberg) Dujardin, 1841	262.667 ± 120.903	600 ± 403
<i>Phacus longicauda</i> var. <i>tortus</i> Lemmermann, 1976	136.000 ± 59.952	0
<i>Phacus orbicularis</i> K. Hübner, 1886	1.161.333 ± 528.106	4.547 ± 3.149
<i>Phacus pleuronectes</i> (O.F. Müller) Nitzsch ex Dujardin, 1841	0	11.400 ± 7.431
<i>Phacus pyrum</i> (Ehrenberg) W. Archer, 1871	258.667 ± 204.784	36.600 ± 18.010
<i>Phacus raciborskii</i> Drezepolski, 1925	176.000 ± 86.656	0
<i>Phacus similis</i> H.R. Christen, 1961	8.000 ± 8.000	0
<i>Phacus</i> sp. Dujardin, 1841	0	533 ± 533
<i>Phacus triquetus</i> (Ehrenberg) Perty, 1852	0	133 ± 133

Table (Contd)

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<i>Strombomonas acuminata</i> (Schmarda) Deflandre, 1930	362.667 ± 324.833	6.800 ± 2.856
<i>Strombomonas fluviatilis</i> (Lemmermann) Deflandre, 1930	24.000 ± 24.000	0
<i>Strombomonas scabra</i> (Playfair) G. Tell & V. Conforti	0	1.200 ± 1.060
<i>Strombomonas schauinslandii</i> (Lemmermann) Deflandre, 1930	289.333 ± 163.445	135.200 ± 40.529
<i>Strombomonas</i> sp. Deflandre, 1930	0	800 ± 800
<i>Trachelomonas bacillifera</i> Playfair, 1915	0	1.333 ± 1.333
<i>Trachelomonas dybowskii</i> Drezepolski, 1921	25.333 ± 25.333	0
<i>Trachelomonas hispida</i> (Perty) F. Stein, 1878	16.000 ± 16.000	0
<i>Trachelomonas oblonga</i> Lemmermann, 1899	147.733 ± 77.687	0
<i>Trachelomonas</i> sp. Ehrenberg, 1835	4.840.000 ± 2.842.203	16.947 ± 6.121
<i>Trachelomonas volvocina</i> (Ehrenberg) Ehrenberg, 1833	432.000 ± 203.585	12.133 ± 8.805
<b>Pyrrophyta</b>		
<i>Cryptomonas</i> sp. Ehrenberg, 1831	716.533 ± 432.832	92.933 ± 40.078
<i>Cryptomonas ovata</i> Ehrenberg, 1832	0	267 ± 267
<i>Peridinium</i> sp. Ehrenberg, 1832	0	533 ± 533
<b>Xanthophyta</b>		
<i>Centrtractus belonophorus</i> (W. Schmidel) E. Lemmermann	12.800 ± 12.800	0
<i>List of zooplankton taxa and their abundances (ind.L<sup>-1</sup>)</i>		
<b>Rotifera</b>		
<i>Anuraeopsis fissa</i> Gosse, 1851	9.11 ± 5.18	0
<i>Ascomorpha saltans</i> Bartsch, 1870	0.22 ± 0.22	0
<i>Asplanchna</i> sp. Gosse, 1850	2.09 ± 2.09	0
<i>Asplanchna brightwellii</i> Gosse, 1850	5.56 ± 5.20	0
<i>Asplanchna priodonta</i> Gosse, 1850	11.33 ± 8.66	0
<i>Brachionus angularis</i> Gosse, 1851	1004 ± 299	0.89 ± 0.66
<i>Brachionus calyciflorus</i> Pallas, 1766	6.33 ± 3.90	0.11 ± 0.11
<i>Brachionus quadridentatus</i> Hermann, 1783	0.83 ± 0.57	0
<i>B. quadridentatus</i> var. <i>cluniorbicularis</i> Skorikov, 1894	0.33 ± 0.24	0.11 ± 0.11
<i>B. quadridentatus</i> var. <i>brevispinus</i> Ehrenberg, 1832	0.33 ± 0.33	0
<i>Brachionus falcatus</i> Zacharias, 1898	0.89 ± 0.52	0.44 ± 0.25
<i>Brachionus urceolaris</i> O.F. Müller, 1773	0.11 ± 0.11	0.78 ± 0.37
<i>Cephalodella</i> sp. Bory de St. Vincent, 1826	4.47 ± 1.96	0
<i>Filinia terminalis</i> Plate, 1886	0.44 ± 0.30	0
<i>Keratella cochlearis</i> Gosse, 1851	2026 ± 848	0.56 ± 0.34
<i>Keratella tecta</i> Gosse, 1851	22862 ± 1050	2.44 ± 1.35
<i>Keratella testudo</i> Ehrenberg, 1832	1.33 ± 1.33	0
<i>Keratella tropica</i> Apstein, 1907	4902 ± 2552	0
<i>Keratella quadrata quadrata</i> O.F. Müller, 1786	11.44 ± 7.14	0.11 ± 0.11
<i>Keratella valga</i> Ehrenberg, 1834	0	1.33 ± 0.64
<i>Lecane</i> sp. Nitzsch, 1827	0.22 ± 0.15	0.11 ± 0.11
<i>Lecane closterocerca</i> Schmarda, 1859	0.89 ± 0.89	0
<i>Lepadella</i> sp. Bory de St. Vincent, 1826	0.78 ± 0.66	0
<i>Notolca</i> sp. Gosse, 1886	0.22 ± 0.22	0
<i>Polyarthra</i> sp. Ehrenberg, 1834	0.11 ± 0.11	0
<i>Polyarthra vulgaris</i> Carlin, 1943	57.22 ± 28.78	7.56 ± 3.95
<i>Polyarthra remata</i> Skorikov, 1896	3.78 ± 3.78	0
<i>Polyarthra dolichoptera</i> Idelson, 1925	52.78 ± 39.44	0
<i>Pompholyx complanata</i> Gosse, 1851	8.50 ± 4.67	0
<i>Pompholyx sulcata</i> Hudson, 1885	23.58 ± 23.45	0
<i>Rotaria neptunia</i> Ehrenberg, 1830	44.44 ± 31.57	0
<i>Trichocerca</i> sp. Lamarck, 1801	0.11 ± 0.11	0
<b>Cladocera</b>		
<i>Alona</i> sp. Baird, 1843	4.56 ± 4.56	0
<i>Alona affinis</i> Leydig, 1860	0.33 ± 0.24	0
<i>Alona rectangula</i> Sars, 1861	0.11 ± 0.11	0
<i>Bosmina (Bosmina) longirostris similis</i> Sars G.O., 1890	598.72 ± 300.01	0.67 ± 0.38
<i>Daphnia</i> sp. O.F. Müller, 1785	0.33 ± 0.33	0
<i>Daphnia hyalina</i> Leydig, 1860	3.22 ± 1.93	0

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<i>Dafnia longispina</i> O.F. Muller, 1785	27.33 ± 27.21	0.22 ± 0.15
<i>Daphnia obtusa</i> Kurz, 1875	0.89 ± 0.59	0
<i>Moina</i> sp. Baird, 1850	2.00 ± 1.37	0.78 ± 0.57
<i>Moina brachiata</i> Jurine, 1820	1.00 ± 0.67	0
<i>Moina rectirostris</i> Leydig, 1860	1.11 ± 0.44	0
<b>Copepoda</b>		
Copepoda adults	313.48 ± 44.53	268.89 ± 45.95
Copepoda larvae	575.72 ± 69.37	100.11 ± 26.10
<i>List of macrozoobenthos taxa and their abundances (ind.m<sup>-2</sup>)</i>		
<b>Oligochaeta</b>	2.51 ± 1.68	3.81 ± 3.81
<b>Mollusca</b>		
<i>Planorbarius corneus</i> Linnaeus, 1758	6.32 ± 3.40	25.40 ± 13.66
<i>Radix peregra</i> O.F. Müller, 1774	1.26 ± 1.26	7.58 ± 3.37
<i>Gyraulus</i> sp. Charpentier, 1837	0.00	39.29 ± 17.15
<i>Bithynia tentaculata</i> Linnaeus, 1758	1.26 ± 1.26	7.58 ± 3.87
<i>Pisidium</i> sp. C. Pfeiffer, 1821	1.26 ± 1.26	5.06 ± 2.81
<b>Heteroptera</b>		
<i>Notonecta</i> sp. Linnaeus, 1758	2.55 ± 2.55	0
<b>Ephemeroptera</b>		
<i>Baetis</i> sp. Leach, 1815	1.26 ± 1.26	0
<b>Diptera (Chaoboridae)</b>		
<i>Chaoborus crystallinus</i> De Geer, 1776	1.26 ± 1.26	1.26 ± 1.26
<b>Chironomidae</b>		
<i>Chironomus</i> sp. Meigen, 1803	182.26 ± 49.72	93.89 ± 17.87
<i>Chironomus plumosus</i> Linnaeus, 1758	35.52 ± 23.98	6.36 ± 4.34
<i>Cricotopus gr. sylvestris</i> Fabricius, 1794	101.54 ± 67.72	0
<i>Polypedilum uncinatum</i> (Goetghebuer, 1921)	15.23 ± 10.84	0
<i>Polypedilum nubeculosum</i> (Meigen, 1804)	1.26 ± 1.26	0
<i>Procladius</i> sp. Skuse, 1889	8.72 ± 5.91	0
<i>Tanytarsus</i> sp. Van der Wulp, 1874	18.01 ± 12.01	0
<i>Tanypus punctipennis</i> Meigen, 1818	3.77 ± 3.77	0
<i>Tanypus kraatzii</i> Kieffer, 1912	4.95 ± 3.77	6.36 ± 4.34
<i>Micropsectra atrofasciata</i> Kieffer, 1911	3.77 ± 2.68	0
<i>Paratanytarsus grimmii</i> Schneider, 1885	1.26 ± 1.26	0