

BIOLOGISKE DATA
ØRNSØ 1997

FYTOPLANKTON
DATALISTER 1997



Fytoplankton µgC/l	DATO																
	960222	960314	960411	960423	960509	960523	960606	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Taxonomisk gruppe																	
Cyanophyta																	
Aphanizomenon flos-aquae																	
Pseudanabaena limnetica																	
Pseudanabaena mucicola																	
Cryptophyceae																	
Cryptomonas spp. (20-30µm)	.2	5.8															
Cryptomonas spp. (> 30µm)	1.5	9.5	29.8	35.4													
Cryptophyceae spp. (5-10 µm)				107.9													
Cryptophyceae spp. (10-15 µm)		8.0	6.0														
Cryptophyceae spp. (15-20 µm)																	
Dinophyceae																	
Nøgne furealger (A) (20-50 µm)	.2	.0	6.4														
Thekate furealger (A) (10-20 µm)																	
Thekate furealger (A) (20-50 µm)	.1	1.7															.3
Chrysophyceae																	
Dinobryon divergens																	
Uroglena sp.																	
Synurophyceae																	
Mallomonas sp.		4.5		15.6													
Mallomonas akrokomos																	
Synura sp.	.1	1.2	37.0	10.7													.0
Diatomophyceae																	
Aulacoseira granulata var. angustissima																	
Aulacoseira italica	.0																.0
Centriske kiselalger spp. (< 10 µm)		6.4	558.8	12.9	287.5												.1
Centriske kiselalger spp. (10-20 µm)			3.4	3.0	231.6												.0
Asterionella formosa																	.4
Diatoma elongatum																	.1
Fragilaria crotonensis																	.4
Nitzschia acicularis																	.2
Synedra acus	.0	.1	10.0	104.8	646.4												.8
Synedra ulna	.1				48.5												.5
Pennate kiselalger (> 20 µm)																	.2
Euglenophyceae																	
Euglena sp.	.1																.2
Trachelomonas sp.																	.6
Trachelomonas planctonica																	.3
Trachelomonas volvocinopsis	.1																.3
Chlorophyceae																	

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Fytoplankton µgC/l	DATO																
	960222	960314	960411	960423	960509	960523	960606	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Chlorogonium sp. Actinastrium hantzschii Monoraphidium contortum Koliella longiseta Closterium sp. Closterium acutum Mougeotia sp. Ubestemte eller fátallige celler Ubestemte flagellater (A) (5-10 µm) Zoomastigophora Ubestemte flagellater (H) (> 20 µm)	.0	.8			12.0		1.0	.1	23.8		.7	.7	1.2		.1 .0		.2

Fytoplankton volumenbiomasse mm ³ /l = mg vådvægt/l	DATO																
	960222	960314	960411	960423	960509	960523	960606	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Taxonomisk gruppe																	
Cyanophyta																	
Aphanizomenon flos-aquae																	
Pseudanabaena limnetica																	
Pseudanabaena mucicola																	
Cryptophyceae																	
Cryptomonas spp. (20-30µm)	.0015	.0527															
Cryptomonas spp. (> 30µm)	.0137	.0864	.2713	.3219													
Cryptophyceae spp. (5-10 µm)				.9808													
Cryptophyceae spp. (10-15 µm)		.0726	.0547														
Cryptophyceae spp. (15-20 µm)																	
Dinophyceae																	
Nøgne furealger (A) (20-50 µm)	.0017	.0003	.0584														
Thekate furealger (A) (10-20 µm)																	
Thekate furealger (A) (20-50 µm)	.0011	.0132															
Chrysophyceae																	
Dinobryon divergens																	
Uroglena sp.																	
Synurophyceae																	
Mallomonas sp.		.0408		.1417				.1032		.3404	.1750		.2299		.0233		.0019
Mallomonas akrokomos	.0009	.0106	.3360	.0976									.2667				.0003
Synura sp.																	
Diatomophyceae																	
Aulacoseira granulata var. angustissima																	
Aulacoseira italica	.0003						.1772	.0627	.3613	.0319				.0144		.0002	
Centriske kiselalger spp. (< 10 µm)								.3329	1.0607	.2163	.2156	.0452	.1396	.1445	.1074	.0002	.0006
Centriske kiselalger spp. (10-20 µm)		.0581	5.0804	.1173	2.6134				.4023	.0999	.1408						
Centriske kiselalger spp. (20-50 µm)			.0306	.0274	2.1053				1.8768	.1539	.5516	.3589	.2346	.1975	.0034	.0006	
Asterionella formosa						.0612	.0272	.0063	.0517	.1279	.1880	.0528					
Diatoma elongatum						.1995	4.7807										
Fragilaria crotonensis						.0865	.0349	.3037	.4983	.4697	.5406	.1330	.1538		.0200	.0041	
Nitzschia acicularis									.0634		.0499	.0057	.0080				
Synedra acus	.0002	.0009	.0911	.9530	5.8766	.2128	.0440	.0025	.0937	.6758	.6038	.1245	.0267	.0136	.0071	.0004	
Synedra ulna	.0013				.4406	.2095	.2734	.0309	.2462	.6602	.6565	.1053	.0941	.0681	.0983	.0041	.0018
Pennate kiselalger (> 20 µm)																	
Euglenophyceae																	
Euglena sp.	.0005																
Trachelomonas sp.																	
Trachelomonas planctonica	.0013																
Trachelomonas volvocinopsis																	
Chlorophyceae																	

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Fytoplankton volumenbiomasse mg/l = mg vådvægt/l	DATO																
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Chlorogonium sp. Actinastrum hantzschii Monoraphidium contortum Koliella longiseta Closterium sp. Closterium acutum Mougeotia sp. Ubestemte eller fåtallige celler µm Ubestemte flagellater (A) (5-10 µm) Zoomastigophora µm Ubestemte flagellater (H) (> 20 µm)	.0000	.0073			.1092		.0088	.0013	.2162		.0064	.0064	.0113		.0011 .0001		.0018

Fytoplankton individer/ml	DATO																
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Taxonomisk gruppe																	
Cyanophyta																	
Woronichinia naegeliana																	
Snowella lacustris																	
Microcystis aeruginosa																	
Microcystis wesenbergii																	
Anabaena sp.																	
Anabaena flos-aquae																	
Anabaena solitaria																	
Aphanizomenon flos-aquae																	
Pseudanabaena limnetica																	
Pseudanabaena mucicola																	
Blågrønalgeliggende celler																	
Cryptophyceae																	
Cryptomonas spp. (20-30µm)	1.4	47.6	+	+	+	+	224.2	520.5	572.6	628.6	442.4	238.2	668.7	1429.4	492.5	22.0	11.4
Cryptomonas spp. (> 30µm)	3.6	26.2	95.1	99.0	+	+	+	+	+	+	+	+	14.4	94.5	10.4	2.2	2.7
Cryptophyceae spp. (5-10 µm)				7530.0	+	+	+	+	+	+	+	+	+	433.9	+	+	+
Cryptophyceae spp. (10-15 µm)				+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cryptophyceae spp. (15-20 µm)				79.3	+	+	+	524.5	524.5	396.4	476.5	812.8	716.7	644.6	282.3	+	+
Dinophyceae																	
Gymnodinium helveticum																	
Peridiniopsis sp.																	
Peridinium sp.																	
Møgne furealger (A) (10-20 µm)																	
Møgne furealger (A) (20-50 µm)																	
Thekate furealger (A) (10-20 µm)	1.3																
Thekate furealger (A) (20-50 µm)	.1	.8															.4
Chrysophyceae																	
Chrysophyceae sp.																	
Dinobryon divergens																	
Uroglena sp.																	
Synurophyceae																	
Mallomonas sp.																	
Mallomonas akrokomos																	
Synura sp.																	
Diatomophyceae																	
Melosira varians																	
Aulacoseira granulata var. angustissima																	
Aulacoseira italica																	
Aulacoseira italica var. tenuissima																	
Aulacoseira granulata																	

+: til stede

(fortsættes)

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Stephanodiscus rotula																	
Centriske kiselalger spp. (< 10 µm)	+	363.7	15417	411.6	8582.9		+		944.4	287.2	631.8	+	+	+	+	+	+
Centriske kiselalger spp. (10-20 µm)		+	+	2080.3			+	855.1	76.1	262.3	197.8		+	+	+	.6	+
Centriske kiselalger spp. (20-30 µm)			81.6	102.9	+	132.1	+	180.6	263.9	506.5	122.0	589.0	468.1	8.2	+	+	+
Asterionella formosa						82.5	2941.8										
Diatoma elongatum						270.8	100.8	920.9	1173.2	1141.1	1289.3	328.3	332.3	+	53.6	7.9	+
Fragilaria sp.			+	+	+	+	+	+	676.4	+	508.5	66.7	98.1	+	+	+	+
Fragilaria crotonensis			+	+	+	+	+	3.9	140.1	528.5	286.3	78.1	20.8	8.2	2.6	.2	+
Nitzschia acicularis	.3	1.0	73.0	1033.0	9820.9	334.7	75.0	2.8	+	68.1	65.4	9.8	9.0	6.6	7.6	.4	.1
Synedra acus	.1				30.0	9.0	17.4										
Synedra ulna									593.5	+	+	150.0	+	+	+	+	+
Tabellaria flocculosa																	
Pennate kiselalger (> 20 µm)																	
Prymnesiophyceae																	
Prymnesiophyceae spp.	+	+								+	+						
Euglenophyceae	.1	+	+														
Euglena sp.																	
Trachelomonas sp.																	
Trachelomonas hispida																	
Trachelomonas planctonica	.3	+	+							+	+						
Trachelomonas volvocinopsis	+	+	+							+	+	145.5	231.9	+	+	2.7	1.0
Chlorophyceae																	
Chlamydomonas sp.																	
Pandorina morum																	
Chlorogonium sp.																	
Eudorina elegans		1.8	+														
Volvocale grønalger spp. (5-10 µm)																	
Volvocale grønalger spp. (> 10 µm)	+	+	+														
Paulschulzia tenera																	
Coelastrum microporum																	
Coelastrum astroideum																	
Coelastrum indicum																	
Dictyosphaerium pulchellum																	
Dictyosphaerium ehrenbergianum																	
Kirchneriella obesa																	
Lagerheimia sp.																	
Lagerheimia genevensis																	
Oocystis sp.																	
Pediastrum boryanum																	
Pediastrum duplex																	

+: til stede

(fortsættes)

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Pediastrum tetras	+																
Scenedesmus sp.			+														
Scenedesmus acuminatus																	
Scenedesmus obtusus																	
Scenedesmus spp.					+												
Actinastrum hantzschii																	
Selenastrum bibratanum								20.4	3399.4								
Sphaerocystis schroeteri/Eutetramorus fottii																	
Tetraëdron caudatum																	
Monoraphidium sp.																	
Monoraphidium contortum																	
Monoraphidium minutum							124.1										
Ankyra judayi																	
Tetrastrum staurogeniaeforme																	
Tetrastrum triangulare																	
Micractinium pusillum																	
Planktonema lauterbornii																	
Koliella longiseta																	
Elakatothrix genevensis																	
Closterium sp.																	
Closterium acutum																	
Closterium aciculare																	
Staurastrum sp.																	
Staurastrum paradoxum																	
Mougeotia sp.																	
Ubestemte eller fåtallige celler																	
Ubestemte flagellater (A) (< 5 µm)																	
Ubestemte flagellater (A) (5-10 µm)																	
Zoomastigophora																	
Ubestemte flagellater (H) (10-15 µm)																	
Ubestemte flagellater (H) (15-20 µm)																	
Ubestemte flagellater (H) (> 20 µm)																	

+: til stede

Fytoplankton Volumenbiomasse procentvis sammensætning	DATO																
	960222	960314	960411	960423	960509	960523	960606	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Taxonomisk gruppe																	
Cyanophyta																	
Aphanizomenon flos-aquae																	
Pseudanabaena limnetica																	
Pseudanabaena mucicola																	
Cryptophyceae																	
Cryptomonas spp. (20-30µm)	6.5	15.4															
Cryptomonas spp. (> 30µm)	60.8	25.2	4.6	12.2			7.0	47.2	14.5	25.3	17.2	15.3	31.7	63.0	62.0	46.1	47.2
Cryptophyceae spp. (5-10 µm)				37.2									1.3	7.6	3.4	10.4	22.2
Cryptophyceae spp. (10-15 µm)		21.2	.9						4.8	6.5	6.0	15.7	11.0	2.0	13.2		
Cryptophyceae spp. (15-20 µm)																	
Dinophyceae																	
Nøgne furealger (A) (20-50 µm)	7.5	.1	1.0														
Thekate furealger (A) (10-20 µm)																	
Thekate furealger (A) (20-50 µm)	5.1	3.8															5.4
Chrysophyceae																	
Dinobryon divergens																	
Uroglena sp.								5.9		8.2	4.2		7.4		1.8		.7
Synurophyceae																	
Mallomonas sp.																	
Mallomonas akrokomos	3.8	11.9	5.7	5.4													
Synura sp.		3.1	3.7														
Diatomophyceae																	
Aulacoseira granulata var. angustissima																	
Aulacoseira italica	1.5							3.6	5.9	.8							.6
Centriske kiselalger spp. (< 10 µm)							3.0	19.0	17.4	5.2	5.1	2.2	4.5	4.4	8.4	5.6	1.8
Centriske kiselalger spp. (10-20 µm)									6.6	2.4	3.4						
Asterionella formosa									30.8	3.7	13.1	17.8					
Diatoma elongatum								.4	.8	3.1	4.5	2.6	7.6	6.1	.3	.9	
Fragilaria crotonensis								17.3	8.2	11.3	12.9	6.6	5.0		1.6	6.3	
Nitzschia acicularis									1.0	1.2	1.2	.3	.3				
Synedra acus								.1	1.5	16.2	14.4	6.2	.9	.4	.6	.6	
Synedra ulna								1.8	4.0	15.8	15.6	5.2	3.0	2.1	7.7	6.4	5.0
Pennate kiselalger (> 20 µm)																	
Euglenophyceae																	
Euglena sp.	2.3															13.6	4.1
Trachelomonas sp.																	
Trachelomonas planctonica																	
Trachelomonas volvocinopsis	5.7															7.9	6.8
Chlorophyceae																	

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Fytoplankton Volumenbiomasse procentvis sammensætning	DATO																
	960222	960314	960411	960423	960509	960523	960606	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Chlorogonium sp. Actinastrum hantzschii Monoraphidium contortum Koliella longiseta Closterium sp. Closterium acutum Mougeotia sp. Ubestemte eller fåtallige celler Ubestemte flagellater (A) (5-10 µm) Zoomastigophora Ubestemte flagellater (H) (> 20 µm)	.1	2.1			1.0		.1	.1	3.6		.2	.3	.4		.1 .0		5.0

Ørn Sø 1996 - Fytoplankton

Arternes specifikke volumener i 10+3 µm ³ /individ = 10-3 µg vådvægt/individ	DATO																
	960222	960314	960411	960423	960509	960523	960606	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Taxonomisk gruppe																	
Cyanophyta																	
Aphanizomenon flos-aquae																	
Pseudanabaena limnetica																	
Pseudanabaena mucicola																	
Cryptophyceae																	
Cryptomonas spp. (20-30µm)	1052.8	1108.2															
Cryptomonas spp. (> 30µm)	3816.7	3296.6	2852.7	3253.0													
Cryptophyceae spp. (5-10 µm)		236.9	689.9	130.3													
Cryptophyceae spp. (10-15 µm)																	
Cryptophyceae spp. (15-20 µm)																	
Dinophyceae																	
Nøgne furealger (A) (20-50 µm)																	
Thekate furealger (A) (10-20 µm)	1304.5																
Thekate furealger (A) (20-50 µm)	11454	16493															4817.1
Chrysophyceae																	
Dinobryon divergens																	
Uroglena sp.																	
Synurophyceae																	
Mallomonas sp.		97.7		435.3													
Mallomonas akrokomos		502.0	545.7	463.4													
Synura sp.	226.2																
Diatomophyceae																	
Aulacoseira granulata var. angustissima																	
Aulacoseira italica	274.9																
Centriske kiselalger spp. (< 10 µm)		159.9	329.5	284.9	304.5												
Centriske kiselalger spp. (10-20 µm)					1012.0												
Asterionella formosa						463.5	483.1	371.0	2194.8	2022.6	2103.3	1814.1					
Diatoma elongatum						2418.7	1625.1		286.3	484.6	371.3	432.9					
Fragilaria crotonensis						319.5	346.5	329.7	424.7	411.6	419.3	405.1					
Nitzschia acicularis									93.8	84.9	98.2	84.9					
Synedra acus									668.9	1278.7	2109.2	1595.0					
Synedra ulna	540.0	883.6	1248.3	922.5	598.4	635.7	587.1	628.3	668.9	9699.6	10039	10740					
Pennate kiselalger (> 20 µm)	13352				14686	23276	15715	11040	414.9								
Euglenophyceae																	
Euglena sp.	5152.1																
Trachelomonas sp.																	
Trachelomonas planctonica	4323.6																
Trachelomonas volvocinopsis																	
Chlorophyceae																	

(fortsættes)

Ørn Sjø 1996 - Fytoplankton

Arternes spesifikke volumener i 10+3 µm ³ /individ = 10-3 µg vådvøgt/individ	DATO																
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Chlorogonium sp. Actinastrum hantzschii Monoraphidium contortum Koliella longiseta Closterium sp. Closterium acutum Mougeotia sp. Ubestemte eller fåtallige celler µm) Ubestemte flagellater (A) (5-10 µm) Zoomastigophora Ubestemte flagellater (H) (> 20 µm)	98.2	4082.4			70.5		70.8	65.1	63.6		22.2	33.3	17.3		1806.4 285.1		1767.2

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Tidsvægtede gennemsnit - Fytoplankton, cellevolumen

mm ³ /l	Hele perioden			1/5 - 31/9			1/3 - 31/5		
	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum
	2.972	100.0%	1.758	4.181	100.0%	1.752	3.945	100.0%	1.496
TAXONOMISKE GRUPPER									
Cyanophyta	.020	.7%	.097	.032	.8%	.097	.000	.0%	.000
Cryptophyceae	.737	24.8%	2.740	.915	21.9%	2.740	.334	8.5%	1.303
Dinophyceae	.005	.2%	.058	.000	.0%	.000	.016	.4%	.058
Chrysophyceae	.094	3.2%	.497	.107	2.6%	.497	.121	3.1%	.336
Diatomophyceae	2.012	67.7%	11.036	2.931	70.1%	11.036	3.373	85.5%	11.036
Euglenophyceae	.042	1.4%	.512	.079	1.9%	.512	.000	.0%	.001
Chlorophyceae	.019	.6%	.216	.033	.8%	.216	.020	.5%	.109
Ubestemte eller fåtallige celler	.018	.6%	.125	.035	.8%	.125	.004	.1%	.080
Zoomastigophora	.025	.8%	.542	.049	1.2%	.542	.077	2.0%	.542

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Tidsvægtede gennemsnit - Fytoplankton, kulstof

µg/l	Hele perioden			1/5 - 31/9			1/3 - 31/5		
	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum
	326.636	100.0%	193.392	459.518	100.0%	192.678	434.101	100.0%	164.576
TAXONOMISKE GRUPPER									
Cyanophyta	2.160	.7%	10.645	3.488	.8%	10.645	.000	.0%	.000
Cryptophyceae	81.014	24.8%	301.429	100.690	21.9%	301.429	36.729	8.5%	143.304
Dinophyceae	.599	.2%	6.423	.000	.0%	.000	1.835	.4%	6.423
Chrysophyceae	10.299	3.2%	54.627	11.759	2.6%	54.627	13.324	3.1%	36.963
Diatomophyceae	221.051	67.7%	1213.952	321.923	70.1%	1213.952	371.046	85.5%	1213.952
Euglenophyceae	4.661	1.4%	56.355	8.703	1.9%	56.355	.009	.0%	.123
Chlorophyceae	2.050	.6%	23.786	3.662	.8%	23.786	2.173	.5%	12.017
Ubestemte eller fåtallige celler	2.004	.6%	13.741	3.878	.8%	13.741	.475	.1%	8.833
Zoomastigophora	2.798	.9%	59.568	5.415	1.2%	59.568	8.510	2.0%	59.568

Ørn SØ 1996
Tidsvægtede gennemsnit - Fytoplankton, celleantal

celler/ml	Hele perioden			1/5 - 31/9			1/3 - 31/5		
	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum
GRAND TOTAL	5932.410	100.0%	5373.841	7772.610	100.0%	4948.165	9169.631	100.0%	3519.344
TAXONOMISKE GRUPPER									
Cyanophyta	600.099	10.1%	12277.760	1150.286	14.8%	12277.760	.000	.0%	.000
Cryptophyceae	972.841	16.4%	7628.977	933.214	12.0%	3814.489	1288.617	14.1%	7628.977
Dinophyceae	1.257	.0%	16.600	.000	.0%	.000	3.859	.0%	16.600
Chrysophyceae	361.866	6.1%	2246.242	496.771	6.4%	2246.242	322.678	3.5%	615.802
Diatomophyceae	3423.126	57.7%	20514.199	4102.282	52.8%	20514.199	7219.654	78.7%	20514.199
Euglenophyceae	18.231	.3%	231.856	34.303	.4%	231.856	.019	.0%	.248
Chlorophyceae	306.556	5.2%	3399.393	575.018	7.4%	3399.393	254.861	2.8%	1550.673
Ubestemte eller fåtallige celler	244.484	4.1%	1965.462	473.092	6.1%	1965.462	67.931	.7%	1263.511
Zoomastigophora	3.950	.1%	84.084	7.644	.1%	84.084	12.012	.1%	84.084

Fytoplankton µgC/l	DATO																
	960222	960314	960411	960423	960509	960523	960606	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Størrelsesklasse <=20µm	.3	14.4	564.9	136.4	519.1		13.7	9.0	282.5	95.1	133.6	122.5	119.0	49.2	18.6	.6	.3
21-50µm	2.0	22.7	73.2	46.1	12.0	91.0	46.3	102.6	145.4	116.1	85.3	43.1	143.9	252.2	92.1	5.0	3.2
>50µm	.3	.9	13.4	107.8	694.9	53.2	587.1	81.3	238.9	247.4	242.5	53.3	77.3	56.0	30.1	1.5	.5

Fytoplankton volumenbiomasse mm3/l = mg vådvægt/l	DATO																
	960222	960314	960411	960423	960509	960523	960606	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Størrelsesklasse <=20µm	.0026	.1307	5.1350	1.2398	4.7188		.1249	.0820	2.5685	.8644	1.2147	1.1136	1.0819	.4477	.1691	.0057	.0024
21-50µm	.0177	.2041	.6657	.4195	.1092	.8276	.4209	.9326	1.3455	1.0558	.7771	-4.120	1.3089	2.2926	.8374	.0451	.0283
>50µm	.0024	.0082	.1217	.9804	6.3172	.4835	5.3375	.7390	2.1741	2.2490	2.2045	.4849	.7032	.5094	.2734	.0136	.0049

Fytoplankton Biomasse (C) - procentvis sammensætning	DATO																
	960222	960314	960411	960423	960509	960523	960606	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Størrelsesklasse <=20µm	12.4	37.8	86.7	47.0	42.3		2.1	4.7	42.4	20.7	29.0	56.0	35.0	13.8	13.2	8.9	6.7
21-50µm	77.3	59.8	11.2	15.9	1.0	63.1	7.2	53.2	21.8	25.3	18.5	19.7	42.3	70.5	65.4	70.1	79.8
>50µm	10.3	2.4	2.1	37.1	56.7	36.9	90.7	42.1	35.8	53.9	52.6	24.4	22.7	15.7	21.4	21.1	13.5

Fytoplankton Volumenbiomasse procentvis sammensætning	DATO																
	960222	960314	960411	960423	960509	960523	960606	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Størrelsesklasse <=20µm	11.3	38.1	86.7	47.0	42.3		2.1	4.7	42.2	20.7	28.9	55.4	35.0	13.8	13.2	8.9	6.8
21-50µm	78.2	59.5	11.2	15.9	1.0	63.1	7.2	53.2	22.1	25.3	18.5	20.5	42.3	70.5	65.4	70.1	79.6
>50µm	10.5	2.4	2.1	37.1	56.7	36.9	90.7	42.1	35.7	53.9	52.5	24.1	22.7	15.7	21.4	21.1	13.6

ZOOPLANKTON
DATALISTER 1997

Zooplankton µg C/l	DATO																
	960314	960411	960423	960509	960523	960606	960618	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Taxonomisk gruppe																	
Rotatoria									.1								
Rotaria neptunia				.0	.1	.1											
Brachionus angularis				5.6	27.5	.7							.0				
Brachionus calyciflorus														.0			
Brachionus diversicornis				.0	.3	.7											
Brachionus urceolaris	.0	.0	.0	.0	.3	.7	.2	.1	.1	.0	.0	.0	.1	.2	.9	.0	.0
Keratella cochlearis							.1	.1	.4	.1	.0	.0	.0	.1	.3	.1	
Keratella cochlearis tecta		1.5	.2	1.5	6.8	7.0	4.4	.3	.2	.0	.0	.0	.0	.0	.3	.1	
Keratella quadrata						.0											
Anuraeopsis fissa		.0	.0	.2	.3	.6	.5	.4	.9	.3	.1	.1	.0	.1	.6	.1	.0
Kellikottia longispina	.0	.0	.0														
Notholca acuminata																	
Euchlanis dilatata																	
Lecane sp.									.0								
Lecane luna																	
Lecane lunaris																	
Colurella sp.								.0						.0			.0
Trichocerca capucina						.0	.1	.4	7.1	5.2	3.0	1.2	2.2	1.4	.1		
Trichocerca pusilla		.0	.0	.0	.0	.0					.0	.0	.0	.0			
Trichocerca rousseleti																	
Trichocerca similis								.0									
Polyarthra major	.1	.2	3.9	7.8	4.4	12.4	.3					.0	.0				.1
Polyarthra vulgaris	.4	.1											.0	.0		.9	.0
Polyarthra dolichoptera	.1												.0	.0		.0	.0
Polyarthra remata																	
Synchaeta spp.		.0	.5	.5	.5	.6	2.6	2.1	.8	.8	1.1	.3	5.3	1.4	3.2	.0	.1
Asplanchna priodonta		.0	.2	2.4	61.5	137.4	11.9			.3	.8	1.3	.6	.1	10.0	9.2	.1
Pompholyx sulcata				.0	.0				.0	.3	.8	.0	.6	.2	.0		
Filinia longiseta			.0	.1	.3	.6				1.4	.9	1.9	.6	1.5	.6		
Conochilus unicornis	.0	.0	.0	.1	.6	3.7	5.6	.2	1.8	1.4	.9	1.9	.6	1.5	.6		.2
Collotheca sp.								.0	.0	.0	.0	.1	.0	.0			.0
Uidentificeret hjuldyr sp. 1								.0	.0	.0	.0	.1	.0	.0			.0
Cladocera																	
Ceriodaphnia pulchella				3.3	9.0	191.2	1046.1	306.9	742.8	795.3	2392.5	1988.7	1768.5	636.4	606.9	355.2	63.1
Daphnia cucullata				.2	1.4	15.1	62.7	24.1	8.8	16.4	24.4	4.4	5.2	1.7	.3		
Daphnia galeata				.5	5.5	19.1	58.3	10.8	3.9	9.7	62.6	13.5	3.1	2.6	2.9	4.4	1.2
Daphnia hyalina	.2	.5	.5	.5	.1	1.8	7.0	.2	.8	.4	2.8	1.7	5.1	3.0	1.4	1.5	.3
Bosmina coregoni			.0	.3	3.1	2.9	3.1	1.2	.5	.8	.0	.0	.1	.1	.6	.5	.3
Bosmina longirostris																	
Acroperus harpae																	
Alona quadrangularis						.1											
Peracantha truncata						.1	.1						.2	.1			.0
Chydorus sphaericus																	
Pleuroxus uncinatus				.2	.5	2.3	11.8	5.5	7.0	8.0	3.0	.2	9.9	3.4			
Leptodora kindtii		.0		.5	.5	2.3	11.8	5.5	7.0	8.0	3.0	.2	9.9	3.4			

Zooplankton volumenbiomasse mm ³ /l = mg vådvægt/l	DATO																
	960314	960411	960423	960509	960523	960606	960618	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Taxonomisk gruppe																	
Rotatoria									.0015								
Rotaria neptunia												.0006					
Brachionus angularis				.0011	.0028	.0037		.0018	.0016	.0002	.0006	.0009	.0014	.0060	.0253	.0007	.0001
Brachionus calyciflorus				.1512	.7455	.0195		.0022	.0119	.0017		.0006	.0011	.0017	.0069	.0040	
Brachionus diversicornis				.0004	.0068	.0203	.0067	.0081	.0052	.0008		.0006		.0000			
Brachionus urceolaris				.0009	.0068	.0203	.0025	.0081	.0052	.0008		.0006		.0000			
Keratella cochlearis		.0003	.0001	.0009	.0068	.0203	.0025	.0081	.0052	.0008		.0006		.0000			
Keratella cochlearis tecta		.0415	.0061	.0416	.1842	.1906	.1195	.0081	.0052	.0008		.0006		.0000			
Keratella quadrata						.0000						.0000					
Anuraeopsis fissa		.0003	.0002	.0046	.0074	.0172	.0135	.0102	.0252	.0074	.0032	.0027	.0008	.0038	.0168	.0030	.0001
Kellikottia longispina		.0003	.0002														
Notholca acuminata		.0003															
Euchlanis dilatata																	
Lecane sp.									.0001								
Lecane luna																	
Lecane lunaris																	
Colurella sp.								.0001									.0001
Trichocerca capucina			.0000	.0003	.0002	.0004	.0020	.0119	.1928	.1419	.0803	.0326	.0587	.0390	.0030		
Trichocerca pusilla											.0002	.0002		.0002			
Trichocerca rousseleti																	
Trichocerca similis								.0001									
Polyarthra major		.0064	.1046	.2122	.1187	.3367	.0091								.0008		
Polyarthra vulgaris	.0017	.0064															
Polyarthra dolichoptera	.0113	.0023															
Polyarthra remata	.0014																
Synchaeta spp.		.0008	.0128	.0131	.0125	.0149	.0714	.0572	.0217	.0204	.0292	.0093	.0002	.0007	.0773	.0241	.0030
Asplanchna priodonta		.0018	.0157	.1655	4.1672	9.3117	.8045								.0014	.0004	.0001
Pompholyx sulcata				.0002	.0002										.0864	.0006	.0019
Filinia longiseta			.0003	.0015	.0076	.0156			.0005	.0081	.0228	.0341	.0163	.0083	.6802	.6241	.0048
Conochilus unicornis	.0001		.0001	.0016	.0159	.1007	.1517	.0053	.0476	.0374	.0233	.0506	.0172	.0414	.0172	.0058	
Collotheca sp.								.0005			.0005						
Uidentificeret hjuldyr sp. 1								.0000	.0002	.0002	.0000	.0015	.0000	.0001			.0000
Cladocera																	
Ceriodaphnia pulchella				.0707	.1961	4.1448	22.680	6.6531	16.103	17.243	.0011	43.116	38.343	13.797	13.158	7.7008	1.3678
Daphnia cucullata				.0043	.0311	.3284	1.3588	.5216	.1907	.3553	.5286	.0957	.1129	.0374	.0070		
Daphnia galeata				.0106	.1200	4.152	1.2636	.2352	.0856	.2097	1.3583	.2932	.0662	.0558	.0638	.0953	.0253
Daphnia hyalina					.0026	.0390	.1513	.0053	.0180	.0077	.0602	.0378	.1109	.0643	.0312	.0336	
Bosmina coregoni				.0065	.0673	.0634	.0663	.0259	.0098	.0181		.0004	.0019	.0033	.0137	.0103	.0060
Bosmina longirostris																	
Acroperus harpae						.0024											
Alona quadrangularis							.0020										
Peracantha truncata						.0018	.0023										
Chydorus sphaericus					.0045												
Pleuroxus uncinatus					.0111	.0503	.2559	.1192	.1516	.1736	.0640	.0045	.2137	.0027		.0007	
Leptodora kindtii		.0002															

Zooplankton volumenbiomasse mm ³ /l = mg vådvægt/l	DATO																
	960314	960411	960423	960509	960523	960606	960618	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Calanoïda	.0131	.0362	.0061	.0016	.0226	.1037	.1163	.0633	.0171	.0338	.0386	.0430	.0147	.1700	.1044	.0632	.0235
Eudiaptomus spp.	.0267	.0091	.0091	.1181	.0248	.0143	.3464	.2457	.0440	.0808	.4160	.1469		.0941	.2622	.0915	.0281
Eudiaptomus graciloides								.0044									
Eudiaptomus graciloides				.0065	.0757	.0379	.1914	.0105	.0540	.0224	.0496	.1632	.1042	.0528	.0494	.0282	.0053
Calanoïde nauplier																	
Cyclopoïda																	
Cyclops vicinus	.1486	.2933	.2326	.2276	.1930	.4487	1.8190	.4383	1.0567	2.3933	5.2814	1.4200	.2824	.6710	.6653	.2460	.0473
Mesocyclops leuckarti	.0042	.0143	.0387	.0047	.0090	.1053	.1829	.0646	.0511	.2166	.3343	.2150	.0311	.0163	.0090	.0018	
Thermocyclops oithonoides	.0010	.0104	.0164	.0603	.0375	.1065	.1848	.0387	.0710	.0930	.1407	.2183	.0973	.1083	.0877	.0037	
Cyclopoïde nauplier	.0587	.0725	.0726	.1648	.2056	1.2029	.6276	.9292	.8670	2.0012	1.1408	.9992	.4193	.5559	.3866	.0951	.0322
Herpacticoida																	
Herpacticoidae nauplier									.0056								
Canthocamptus staphylinus		.0035				.0032	.0043					.0037					

Zooplankton volumenbiomasse mm ³ /l = mg vådvægt/l	DATO																
	960314	960411	960423	960509	960523	960606	960618	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
GRAND TOTAL	.271	.484	.526	1.270	6.269	17.099	30.434	9.452	19.034	23.066	61.446	46.892	40.045	15.851	15.755	9.035	1.546
Taxonomisk gruppe																	
Rotatoria	.015	.054	.140	.594	5.269	10.031	1.181	.097	.308	.218	.161	.135	.241	.147	.917	.663	.010
Cladocera	.003	.000	.011	.092	.432	5.045	25.780	7.560	16.559	18.007	53.883	43.548	38.855	14.035	13.274	7.843	1.399
Calanoida	.040	.036	.015	.126	.123	.156	.654	.324	.115	.137	.504	.353	.119	.317	.416	.183	.057
Cyclopoida	.213	.391	.360	.457	.445	1.863	2.814	1.471	2.046	4.704	6.897	2.852	.830	1.352	1.149	.347	.079
Herpacticoida		.004				.003	.004		.006			.004					

Zooplankton tørvægt µg/l	DATO																
	960314	960411	960423	960509	960523	960606	960618	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT
Taxonomisk gruppe																	
Rotatoria									.1								
<i>Rotaria neptunia</i>																	
<i>Brachionus angularis</i>					.4												
<i>Brachionus calyciflorus</i>					2.0												
<i>Brachionus diversicornis</i>																	
<i>Brachionus urceolaris</i>																	
<i>Keratella cochlearis</i>					2.0		.7	.2	.2	.0	.1	.1	.1	.6	2.5	.1	.0
<i>Keratella cochlearis tecta</i>							.3	.2	1.2	.2	.1	.1	.1	.2	.7	.4	
<i>Keratella quadrata</i>		4.1	.6	4.2	18.4	19.1	11.9	.8	.5	.1	.1	.1	.1	.0	.0	.4	.0
<i>Anuraeopsis fissa</i>					.0				2.5	.7	.3	.3	.1	.4	1.7	.3	.0
<i>Kellikottia longispina</i>					.7	1.7	1.4	1.0									
<i>Notholca acuminata</i>																	
<i>Euchlanis dilatata</i>																	
<i>Lecane sp.</i>																	
<i>Lecane luna</i>																	
<i>Lecane lunaris</i>																	
<i>Colurella sp.</i>																	
<i>Trichocerca capucina</i>																	
<i>Trichocerca pusilla</i>																	
<i>Trichocerca rousseleti</i>																	
<i>Trichocerca similis</i>																	
<i>Polyarthra major</i>																	
<i>Polyarthra vulgaris</i>	.2	.6	10.5	21.2	11.9	33.7	.9										
<i>Polyarthra dolichoptera</i>	1.1	.2															
<i>Polyarthra remata</i>	.1																
<i>Synchaeta spp.</i>																	
<i>Asplanchna priodonta</i>																	
<i>Pompholyx sulcata</i>																	
<i>Filinia longiseta</i>																	
<i>Conochilus unicornis</i>																	
<i>Collotheca sp.</i>																	
<i>Utdentificeret hjuldyr sp. 1</i>																	
Cladocera																	
<i>Ceriodaphnia pulchella</i>																	
<i>Daphnia cucullata</i>																	
<i>Daphnia galeata</i>																	
<i>Daphnia hyalina</i>																	
<i>Bosmina coregoni</i>	.4		1.3	1.3	15.0	51.9	158.0	29.4	10.7	26.2	169.8	36.6	8.3	7.0	8.0	11.9	3.2
<i>Bosmina longirostris</i>																	
<i>Acroperus harpae</i>																	
<i>Alona quadrangularis</i>																	
<i>Peracantha truncata</i>																	
<i>Chydorus sphaericus</i>																	

Zooplankton Individer/l	DATO																
	960314	960411	960423	960509	960523	960606	960618	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Taxonomisk gruppe																	
Rotatoria																	
Rotaria neptunia Hunner									.2								
Brachionus angularis Hunner				1.9	6.2	8.2							.7	+			
Brachionus calyciflorus Hunner			+	38.8	213.3	4.3							.5	.3	.3		+
Brachionus diversicornis Hunner												.2					
Brachionus urceolaris Hunner				.6													
Keratella cochlearis Hunner	2.3	6.2	2.0	25.2	173.0	716.4	298.2	67.9	69.2	6.7	22.2	31.5	52.1	216.4	801.4	11.5	2.8
Keratella cochlearis tecta Hunner							120.0	108.7	628.2	86.2	59.3	27.4	43.8	71.6			
Keratella quadrata Hunner	1.6	65.8	9.4	64.1	290.7	283.6	210.9	16.6	10.3	1.5		1.4		+	9.6	7.2	+
Anuraeopsis fissa Hunner						.7						.7		.7			
Kellikottia longispina Hunner	2.3	4.8	2.7	56.3	90.0	194.0	196.4	117.7	333.3	83.3	35.6	32.9	10.3	53.7	205.5	44.6	.7
Notholca acuminata Hunner		.7															
Euchlanis dilatata Hunner							+							+			+
Lecane sp. Hunner													.7				
Lecane luna Hunner									.6								
Lecane lunaris Hunner															.7		
Lepadella sp. Hunner																	
Lepadella ovalis Hunner		+											+				
Colurella sp. Hunner								.8							+		1.4
Trichocerca capucina Hunner																	
Trichocerca pusilla Hunner				2.6	1.4	4.5	32.7	122.3	2717.9	1977.7	1540.7	650.7	931.5	447.8	34.9		
Trichocerca rousseleti Hunner			.7								2.2	3.4		2.2			
Trichocerca similis																	

Zooplankton individer/l	DATO																
	960314	960411	960423	960509	960523	960606	960618	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Hunner <i>Polyarthra major</i>								.8									
Hunner <i>Polyarthra vulgaris</i>	3.1	11.6	227.4	660.2	290.7	880.6	26.2					.7					
Hunner <i>Polyarthra dolichoptera</i>	29.7	8.2	+										1.4	3.7	164.4	66.2	7.6
Hunner <i>Polyarthra remata</i>	7.0														10.3	2.2	.7
Hunner <i>Synchaeta</i> spp.																	
Hunner <i>Asplanchna priodonta</i>	+	4.1	109.7	77.7	38.8	328.4	1774.5	1215.1	538.5	743.5	992.6	191.8	3232.9	656.7	143.8	2.9	5.6
Hunner <i>Pompholyx sulcata</i>		.2	.5	12.7	142.3	245.0	10.8					+		.7	45.2	29.8	.2
Hunner <i>Filinia longiseta</i>				1.3	1.4				4.5	74.3	201.5	301.4	142.5	53.7	2.7		
Hunner <i>Conochilus unicornis</i>	.8	+	1.3	4.5	18.0	31.3						.7		+			
Hunner <i>Collotheca</i> sp.		+	.7	7.8	49.8	679.1	945.5	36.2	243.6	190.3	106.7	235.6	90.4	209.0	123.3	28.8	+
Hunner <i>Uidentificeret hjuldyr</i> sp. 1								.8									
Hunner Cladocera								.8	7.7	8.9	1.5	41.1	.7	2.2			.7
Hunner <i>Ceriodaphnia pulchella</i>								+									
Hunner <i>Daphnia cucullata</i>				.5	.8	20.8	69.7	21.7	47.8	52.3	154.2	122.5	142.3	61.5	63.5	31.7	6.0
Hunner <i>Daphnia galeata</i>						.2	.2								2.3		
Hunner <i>Daphnia hyalina</i>	+	+	+	.2	.5	5.0	17.2	6.7	2.2	5.3	9.0	1.3	1.8	1.3	.2		
Hunner <i>Bosmina coregoni</i>	.2	+	.2	.3	1.3	4.0	12.7	1.8	.5	1.2	8.3	2.3	1.0	.5	1.3	1.2	.2
Hunner <i>Bosmina longirostris</i>							.2										
Hunner <i>Ilyocryptus sordidus</i>	+	+	.2	.8	6.7	15.3	16.3	6.7	1.7	4.0		.2	.3	1.0	2.3	1.3	.8
Hunner <i>Acroperus harpae</i>				+				+									
Hunner <i>Alona quadrangularis</i>	+			+		.2		+					.2		.2	.2	+

Zooplankton individer/l	DATO																
	960314	960411	960423	960509	960523	960606	960618	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Peracantha truncata Hunner						.2											
Chydorus sphaericus Hunner			+	+	+	.3		+						.7		.2	+
Pleuroxus uncinatus Hunner					.2			+						+			
Leptodora kindtii Hunner		.2	+	+	.3	1.2	3.3	1.7	1.5	1.3	2.0	.2	1.8	.5			
Hunner									+			+	.3				
Calanoida																	
Eudiaptomus spp.																	
Copepodit I-III	.2	+	.2	.3	2.3	3.0	5.0	1.2	2.3	.5	.7	1.3	1.7	5.0	2.8	2.5	.5
Copepodit IV-V	.3	1.2	.2	+	.3	2.3	2.2	1.5	+	.8	.8	1.0	+	3.3	2.0	1.0	.7
Eudiaptomus gracilis																	
Hunner	+	+	+	.5	.2	.2	2.8	1.7	.3	.2	3.2	1.3	+	.7	2.2	.5	+
Hunner	.7	+	.2	1.3	.2	+	2.0	2.0	.3	1.2	3.0	.8	+	.8	1.7	1.0	.5
Eudiaptomus graciloides																	
Hunner			+														
Hunner			+					.2									
Calanoide nauplier																	
nauplier	+	+	+	.6	9.7	4.5	26.2	1.5	7.1	3.0	6.7	20.5	12.3	6.0	6.2	3.6	.7
Cyclopoïda																	
Cyclops kolensis																	
Hunner																	
Hunner																	
Cyclops vicinus																	
Copepodit I-III	2.3	1.3	+	4.2	1.7	1.7	10.8	4.7	10.0	25.3	67.7	13.5	5.3	8.0	5.3	1.8	.5
Copepodit IV-V	1.0	3.0	.7	.5	1.2	.7	11.7	.2	3.5	9.3	16.3	4.3	.7	3.3	3.3	1.2	+
Hunner			.3	+	+	.5	.5	1.0	1.2	4.3	7.0	1.7	+	+	.3	.2	+
Hunner	+	.2	1.3	.5	.5	2.8	.8	1.3	2.8	1.8	5.0	5.0	.7	1.2	1.0	.5	.3
Mesocyclops leuckarti																	
Copepodit I-III	.2	.2	.8	.7	.5	3.3	2.5	.2	.7	4.3	7.3	17.2	2.5	1.0	+		
Copepodit IV-V	+	1.3	3.5	.3	.2	4.3	2.3	.7	2.3	5.0	10.8	10.0	1.7	1.2	.8	.2	
Hunner			+	+	+	.8	3.3	1.8	.5	2.2	3.7	.5	+	+	+		
Hunner	.3	+	.2	+	.3	.8	2.7	.2	1.0	6.0	6.3	2.0	+	+	+		
Thermocyclops oithonoides																	
Copepodit I-III	.2	.2	+	.7	.8	5.7	9.3	.8	4.3	6.3	5.0	12.7	6.7	6.3	5.3	.3	
Copepodit IV-V		1.0	.8	.2	.2	4.0	5.0	1.3	1.0	3.3	5.0	5.3	5.0	6.7	4.7	.2	
Hunner		+	.3	3.5	1.2	1.7	3.7	1.7	2.0	1.2	3.7	6.7	.8	.5	.7	+	
Hunner			.5	1.7	1.8	1.3	4.0	.2	1.3	.8	2.3	1.0	.2				
Cyclopoïde nauplier	7.8	9.6	10.0	22.7	30.5	154.5	89.5	117.7	120.5	285.5	142.2	137.0	57.5	65.7	49.3	13.7	4.2
nauplier																	
Herpacticoida																	
Herpacticoida nauplier	+	+	+					.6									+

Zooplankton individer/l	DATO																
	960314	960411	960423	960509	960523	960606	960618	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Canthocamptus staphylinus		.2				.2	.2					.2					
Copepodit IV-V		+	+														
Hunner		+															
Hanner				+													

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Zooplankton SUM individer/l	DATO																
	960314	960411	960423	960509	960523	960606	960618	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
GRAND TOTAL	60.0	119.8	373.7	993.2	1377.2	3618.5	3929.7	1866.3	4770.4	3598.3	3440.2	1893.6	4758.2	1900.8	1701.1	256.4	34.0
Taxonomisk gruppe																	
Rotatoria	46.9	101.5	354.3	953.8	1315.5	3376.2	3615.2	1687.5	4554.0	3172.5	2963.0	1521.4	4506.7	1719.7	1542.1	193.1	19.6
Cladocera	.2	.2	.3	1.8	10.2	50.0	130.0	39.0	54.5	64.7	180.5	130.2	156.5	71.5	73.3	36.7	7.0
Catanoidea	1.2	1.2	.5	2.8	12.7	10.0	38.2	8.0	10.1	5.6	14.3	25.0	14.0	15.8	14.8	8.6	2.4
Cyclopoidea	11.8	16.8	18.5	34.8	38.8	182.1	146.1	131.7	151.2	355.5	282.4	216.8	81.0	93.8	70.8	18.0	5.0
Herpacticoida	.2	.2				.2	.2		.6			.2					

+: til stede

Zooplankton Biomasse (C) - procentvis sammensætning	DATO																
	960314	960411	960423	960509	960523	960606	960618	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Taxonomisk gruppe																	
Rotatoria																	
Rotaria neptunia									.0								
Brachionus angularis				.1	.1	.0											
Brachionus calyciflorus				11.3	18.5	.1											
Brachionus diversicornis				.0													
Brachionus urceolaris				.0													
Keratella cochlearis	.0	.1	.0	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
Keratella cochlearis tecta																	
Keratella quadrata	.2	7.0	1.0	3.1	4.6	1.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
Anuraeopsis fissa																	
Kellikottia longispina	.1	.1	.0	.3	.2	.1	.0	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0
Notholca acuminata																	
Euchlanis dilatata		.1															
Lecane sp.									.0								
Lecane Luna																	
Lecane lunaris																	
Colurella sp.								.0									.0
Trichocerca capucina																	
Trichocerca pusilla			.0	.0	.0	.0	.0	.1	.8	.5	.1	.1	.1	.2	.0	.0	.0
Trichocerca rousseleti																	
Trichocerca similis								.0									
Polyarthra major	.5	1.1	17.0	15.8	3.0	2.5	.0										
Polyarthra vulgaris	3.4	.4															
Polyarthra dolichoptera	.4																
Polyarthra remata																	
Synchaeta spp.		.1	2.1	1.0	.3	.1	.2	.5	.1	.1	.0	.0	.0	.0	.4	.2	.2
Asplanchna priodonta		.1	1.0	4.9	41.5	28.0	.9						.3	.2	.5	.0	.0
Pompholyx sulcata				.0	.0								.0	.0	1.4	2.3	.1
Filinia longiseta				.1	.2	.1	.4						.0	.0			
Conochilus unicornis	.0		.0	.1	.4	.8	.4	.0	.2	.1	.0	.1	.0	.2	.1	.1	.0
Collotheca sp.								.0	.0	.0	.0	.0	.0	.0			.0
Uidentificeret hjuldyr sp. 1																	
Cladocera																	
Ceriodaphnia pulchella																	
Daphnia cucullata				6.6	6.1	39.0	76.1	70.5	84.9	74.9	84.5	92.0	95.9	87.2	86.3	89.5	88.7
Daphnia galeata				.4	1.0	3.1	4.6	5.5	1.0	1.5	.9	.2	.3	.2	.0	.0	.0
Daphnia hyalina				1.0	3.7	3.9	4.2	2.5	.5	.9	2.2	.6	.2	.4	.4	1.1	1.6
Bosmina coregoni					.1	.4	.5	.1	.1	.0	.1	.1	.3	.4	.2	.4	.4
Bosmina longirostris				.6	2.1	.6	.2	.3	.1	.1	.1	.0	.0	.0	.1	.1	.4
Acroperus harpae																	
Alona quadrangularis						.0	.0										
Peracantha truncata						.0	.0										.0
Chydorus sphaericus					.1	.3	.9	1.3	.8	.8	.1	.0	.5	.5	.0	.0	.0
Pleuroxus uncinatus																	
Leptodora kindtii	.0				.3	.5	.9	1.3	.8	.8	.1	.0	.5	.5	.0	.0	.0

Zooplankton Biomasse (C) - procentvis sammensætning	DATO																
	960314	960411	960423	960509	960523	960606	960618	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
GRAND TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Taxonomisk gruppe																	
Rotatoria	4.6	8.9	21.3	37.0	68.9	33.5	1.9	.8	1.3	.8	.2	.2	.5	.7	2.7	2.7	.4
Cladocera	1.2	.0	2.2	8.6	13.5	47.5	86.5	80.1	87.3	78.2	87.7	92.9	97.1	88.7	87.1	91.2	90.8
Calanoida	14.9	7.7	3.1	11.8	3.8	1.5	2.2	3.4	.6	.6	.8	.8	.3	2.0	2.7	2.1	3.7
Cyclopoida	79.3	82.7	73.4	42.7	13.8	17.5	9.4	15.6	10.8	20.4	11.2	6.1	2.1	8.5	7.5	4.0	5.2
Herpacticoida		.7				.0	.0		.0			.0					

Zooplankton Volumenbiomasse procentvis sammensætning	DATO																
	960314	960411	960423	960509	960523	960606	960618	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Taxonomisk gruppe																	
Rotatoria																	
Rotaria neptunia				.1	.0	.0			.0				.0				
Brachionus angularis				11.9	11.9	.1								.0			
Brachionus calyciflorus																	
Brachionus diversicornis				.0	.1	.1											
Brachionus urceolaris				.0	.1	.1											
Keratella cochlearis				.1	.1	.1											
Keratella cochlearis tecta				3.3	2.9	1.1											
Keratella quadrata	.2	8.6	1.2	.0	.4	.0											
Anuraeopsis fissa				.4	.1	.1											
Kellikottia longispina	.1	.1	.0	.4	.1	.1											
Notholca acuminata		.1															
Euchlanis dilatata																	
Lecane sp.																	
Lecane luna																	
Lecane lunaris																	
Colurella sp.																	.0
Trichocerca capucina								.0									
Trichocerca pusilla								.1	1.0	.6	.1	.0	.1	.2	.0		
Trichocerca rousseleti								.0			.0	.0	.0	.0			
Trichocerca similis																	
Polyarthra major	.6	1.3	19.9	16.7	1.9	2.0	.0										
Polyarthra vulgaris	4.2	.5															
Polyarthra dolichoptera	.5	.2	2.4	1.0	.2	.1	.2	.6	.1	.1	.0	.0	.4	.2	.5	.3	.2
Polyarthra remata		.4	3.0	13.0	66.5	54.5	2.6		.0	.0	.0	.1	.0	.1	4.3	.0	.1
Synchaeta spp.				.0	.0												
Asplanchna priodonta																	
Pompholyx sulcata																	
Filinia longiseta	.0		.1	.1	.1	.6	.5	.1	.2	.2	.0	.0	.0	.3	.1	.1	.0
Conochilus unicornis				.1	.3			.0	.0	.0	.0	.0	.0	.0	.0		
Collotheca sp.																	
Uidentifieret hjuldyr sp. 1																	
Cladocera																	
Ceriodaphnia pulchella				5.6	3.1	24.2	74.5	70.4	84.6	74.8	84.4	91.9	95.7	87.0	83.5	85.2	88.5
Daphnia cucullata				.3	.5	1.9	4.5	5.5	1.0	1.5	.9	.2	.3	.2	.0		
Daphnia galeata				.8	1.9	2.4	4.2	2.5	.4	.9	2.2	.6	.2	.4	.4	1.1	1.6
Daphnia hyalina	1.2		2.0		.0	.2	.5	.1	.1	.0	.1	.1	.3	.4	.2	.4	.4
Bosmina coregoni				.5	1.1	.4	.2	.3	.1	.1	.1	.0	.0	.0	.1	.1	.4
Bosmina longirostris																	
Acroperus harpae																	
Alona quadrangularis						.0	.0										
Peracantha truncata						.0	.0										
Chydorus sphaericus						.0	.0										
Pleuroxus uncinatus					.1	.3	.8	1.3	.8	.8	.1	.0	.5	.0	.5	.0	.5
Leptodora kindtii		.0			.2	.3	.8										

Zooplankton Volumenbiomasse procentvis sammensætning	DATO																
	960314	960411	960423	960509	960523	960606	960618	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
GRAND TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Taxonomisk gruppe																	
Rotatoria	5.6	11.1	26.6	46.8	84.0	58.7	3.9	1.0	1.6	.9	.3	.3	.6	.9	5.8	7.3	.7
Cladocera	1.2	.0	2.1	7.3	6.9	29.5	84.7	80.0	87.0	78.1	87.7	92.9	97.0	88.5	84.3	86.8	90.5
Calanoida	14.7	7.5	2.9	9.9	2.0	.9	2.1	3.4	.6	.6	.8	.8	.3	2.0	2.6	2.0	3.7
Cyclopoidea	78.4	80.7	68.4	36.0	7.1	10.9	9.2	15.6	10.7	20.4	11.2	6.1	2.1	8.5	7.3	3.8	5.1
Herpacticoida		.7				.0	.0		.0		.0						

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Arternes specifikke volumener i 10+3 µm ³ /individ = 10-3 µg vådvægt/individ	DATO																
	960314	960411	960423	960509	960523	960606	960618	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Taxonomisk gruppe																	
Rotatoria								8897.8									
Rotaria neptunia																	
Brachionus angularis				553.4	452.1	447.7							386.0				
Brachionus calyciflorus				3894.5	3494.4	4507.5						3564.0	3779.4	3415.0	3230.8		
Brachionus diversicornis																	
Brachionus urceolaris				637.1	39.3	28.3											
Keratella cochlearis	51.4	50.2	42.7	33.9		22.3	22.3	23.4	28.5	27.2	27.2	27.2	27.1	27.9	31.6	56.9	45.0
Keratella cochlearis tecta						21.2	21.2	19.0	19.3	20.1	20.1	22.3	25.7	23.4			
Keratella quadrata	352.4	630.5	649.1	649.7	633.7	672.1	566.5	502.2	563.3	445.4	445.4	445.4			723.3	561.8	
Anuraeopsis fissa						14.2						22.6					
Kellikottia longispina	73.2	66.5	82.3	81.6	82.1	88.6	68.9	86.8	88.6	89.0	81.2	79.0	70.3	81.6	67.1	87.7	
Notholca acuminata																	
Euchlanis dilatata																	
Lecane sp.																	
Lecane luna																	
Lecane lunaris																	
Colurella sp.																	
Trichocerca capucina																	
Trichocerca pusilla																	
Trichocerca rousseletti																	
Trichocerca similis																	
Polyarthra major																	
Polyarthra vulgaris	548.3	549.1	459.8	321.5	408.4	382.3	347.6										
Polyarthra dolichoptera	379.1	277.8															
Polyarthra remata	193.9																
Synchaeta spp.																	
Asplanchna priodonta																	
Pompholyx sulcata																	
Filinia longiseta																	
Conochilus unicornis	146.2																
Collotheca sp.																	
Uidentificeret hjuldyr sp. 1																	
Cladocera																	
Ceriodaphnia pulchella																	
Daphnia cucullata																	
Daphnia galeata																	
Daphnia hyalina																	
Bosmina coregoni	19811																
Bosmina longirostris																	
Acroperus harpae																	
Alona quadrangularis																	
Peracantha truncata																	
Chydorus sphaericus																	
Pleuroxus uncinatus																	

(fortsættes)

Ørn Sø 1996 - Zooplankton

Arternes specifikke volumener i 10 ⁺³ µm ³ /individ = 10 ⁻³ µg vådvægt/individ	DATO																
	960314	960411	960423	960509	960523	960606	960618	960703	960718	960801	960813	960828	960910	960925	961023	961120	961216
Leptodora kindtii	1069.2				33187	43137	76783	71508	101050	130240	31982	26838	105660	85933			
Calanoïda					15568	20911	21609	22132	7312.9	22239	23991	19975	8829.4	22877	24415	24487	18588
Eudiaptomus spp.	22199	31008	18250	4806.8	74139	85468	69685	68259	66023	66611	67238	66301		63926	67004	64801	56226
Eudiaptomus gracilis	40104		54494	70468				26165									
Eudiaptomus graciloides																	
Calanoïde nauplier				10004	7808.0	8469.9	7308.7	6975.5	7663.5	7515.5	7444.2	7942.9	8448.0	8836.8	8019.3	7835.2	7694.6
Cyclopoida																	
Cyclops vicinus	51719	70527	112404	71720	67934	90246	108327	90170	90486	91143	92024	86615	65499	74164	103910	102865	62529
Mesocyclops leuckarti	7206.8	6960.9	7812.6	5658.4	11453	13499	15725	15141	12524	13987	13363	12626	8081.2	7290.3	10830	10574	
Thermocyclops oithonoides	5984.0	7650.9	9914.8	8590.8	9268.6	9198.0	9067.7	9221.4	8854.3	8994.9	8989.9	9120.4	8955.3	9063.8	9252.3	7764.7	
Cyclopoïde nauplier	7515.5	7558.5	7233.0	7273.6	6750.4	7786.6	7015.7	7892.1	7194.4	7009.4	8021.1	7294.1	7288.2	8464.4	7838.4	6958.2	7730.4
Herpacticoida																	
Herpacticoida nauplier									8787.2								
Canthocamptus staphylinus		21028				18983	25465					22094					

Ørn Sø 1996
Tidsvægtede gennemsnit - Zooplankton, kulstof

µg/l	Hele perioden			1/5 - 31/9			1/3 - 31/5		
	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum
GRAND TOTAL	732.892	100.0%	599.576	1073.113	100.0%	599.576	65.237	100.0%	73.607
TAXONOMISKE GRUPPER									
Rotatoria	21.031	2.9%	163.995	31.459	2.9%	163.995	28.410	43.5%	141.911
Cladocera	631.520	86.2%	2485.330	924.130	86.1%	2485.330	13.579	20.8%	156.730
Calanoida	10.294	1.4%	30.169	12.136	1.1%	30.169	3.196	4.9%	6.648
Cyclopoida	69.997	9.6%	318.128	105.319	9.8%	318.128	20.006	30.7%	62.583
Harpacticoida	.050	.0%	.260	.069	.0%	.260	.046	.1%	.162

Ørn Sø 1996
Tidsvægtede gennemsnit - Zooplankton, cellevolumen

mm ³ /l	Hele perioden			1/5 - 31/9			1/3 - 31/5		
	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum
GRAND TOTAL	16.500	100.0%	14.294	24.189	100.0%	14.294	2.228	100.0%	2.647
TAXONOMISKE GRUPPER									
Rotatoria	1.066	6.5%	10.031	1.605	6.6%	10.031	1.430	64.2%	8.330
Cladocera	13.692	83.0%	53.883	20.036	82.8%	53.883	.294	13.2%	3.398
Calanoida	.223	1.4%	.654	.263	1.1%	.654	.069	3.1%	.144
Cyclopoida	1.518	9.2%	6.897	2.283	9.4%	6.897	.434	19.5%	1.357
Harpacticoida	.001	.0%	.006	.002	.0%	.006	.001	.0%	.004

Ørn Sø 1996
Tidsvægtede gennemsnit - Zooplankton, tørvægt

µg/l	Hele perioden			1/5 - 31/9			1/3 - 31/5		
	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum
GRAND TOTAL	1986.174	100.0%	1624.868	2908.204	100.0%	1624.868	176.795	100.0%	199.477
TAXONOMISKE GRUPPER									
Rotatoria	56.994	2.9%	444.431	85.254	2.9%	444.431	76.993	43.5%	384.583
Cladocera	1711.453	86.2%	6735.322	2504.455	86.1%	6735.322	36.799	20.8%	424.747
Calanoida	27.897	1.4%	81.758	32.889	1.1%	81.758	8.660	4.9%	18.016
Cyclopoida	189.694	9.6%	862.127	285.418	9.8%	862.127	54.217	30.7%	169.602
Harpacticoida	.136	.0%	.704	.188	.0%	.704	.126	.1%	.439

Ørn Sø 1996
Tidsvægtede gennemsnit - Zooplankton, celleantal

celler/ml	Hele perioden			1/5 - 31/9			1/3 - 31/5		
	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum
GRAND TOTAL	1.884	100.0%	1.026	2.878	100.0%	1.026	.667	100.0%	.564
TAXONOMISKE GRUPPER									
Rotatoria	1.717	91.1%	4.554	2.633	91.5%	4.554	.629	94.3%	2.640
Cladocera	.057	3.0%	.181	.079	2.7%	.181	.004	.6%	.036
Calanoida	.011	.6%	.038	.014	.5%	.038	.004	.6%	.013
Cyclopoida	.099	5.3%	.356	.152	5.3%	.356	.030	4.5%	.131
Harpacticoida	.000	.0%	.001	.000	.0%	.001	.000	.0%	.000

