

BIOLOGISKE DATA
ØRN SØ 1998

FYTOPLANKTON

Fytoplankton µgC/l	DATO															
	980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Taxonomisk gruppe																
Cyanophyta					1.5	34.3	8.7									
Planktolyngbya subtilis							1.9								.1	
Pseudanabaena limnetica																
Blågrønalgæ spp. filamenter																
Cryptophyceae																
Cryptomonas spp. (20-30µm)	6.7	30.4	54.6		58.6	9.2	33.9	45.7	138.8	261.4	42.9	113.6	165.8	32.9	25.4	9.2
Cryptomonas spp. (>30µm)	3.0	1.7	2.7		2.9			.1				.9	1.2	.1	.1	.3
Cryptophyceae spp. (5-10 µm)		8.8				12.7	85.7	118.9	15.5	22.7	27.4	61.1	37.6	10.1	2.3	
Cryptophyceae spp. (15-20 µm)											28.3	60.7	40.8			
Dinophyceae																
Thekate furealger (A) (20-50 µm)		1.7	.7													
Chrysophyceae																
Chrysohyceae sp.			7.0			35.0										
Dinobryon divergens					.1											
Synurophyceae					.8	.3	.0									
Synura sp.		.4		.4												
Diatomophyceae		.7	.3	6.3	2.9		4.1				.4					
Melosira varians	.2															
Aulacoseira granulata var. angustissima			23.9	145.6	39.0	109.2	6.0	10.0	13.7	1.9	1.9	.8	.5	.0		21.5
Aulacoseira italica	.8						.1			11.2	4.2	43.1	46.9	49.5	35.0	
Stephanodiscus rotula																
Centriske kiselalger spp. (< 10 µm)						17.2						39.4				
Centriske kiselalger spp. (10-20 µm)	.1	.2	5.8	127.4	64.9	1.2	1.6	.8		.7	.4					
Asterionella formosa		2.6		5.0												
Diatoma elongatum					.1	.2						.4				
Fragilaria sp.												.1				
Nitzschia sigmoidea												.0				
Synedra acus	.0	.1	.1	.8	1.1	1.0	.7	.0	.5	13.5	.1	.0	.0			.3
Synedra ulna	.2	.1	.5	1.6	3.9	4.5	3.6		.2	.1						
Pennate kiselalger spp. 30-50 µm											7.7	17.3	36.4			
Prymnesiophyceae																
Prymnesiophyceae spp.							96.6									
Euglenophyceae																
Euglena sp.		.0				.2										
Phacus sp.						.1										
Trachelomonas hispida								4.5								
Chlorophyceae																
Chlorogonium maximum																
Volvocale grønalgæ spp. >10 µm		.0	37.7								2.6	1.6	.9		.1	
Coelastrum microporum																

Fytoplankton µgC/l	DATO															
	980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Pediastrum boryanum	.5			.0	.4	.1	.8	1.5	.4	.9	3.3	2.7	.8	.3	.2	.5
Pediastrum duplex						.1	.5	1.1	8.5	1.9	7.8	10.9	4.0	1.0	.4	.9
Pediastrum tetras										.0	.1				.1	
Monoraphidium sp.			6.5	1.8		2.0		1.7	.1	2.5	.4	2.3	.9	.3	.6	.0
Monoraphidium contortum						.4	.8	.3	.1	.1		.5	.6		.1	
Closterium sp.	.0		.0	.0	.1	.0	.0									
Closterium acutum	.0	.0	.0	.0	.0	.0	.0									
Closterium acutum var. variabile							.3	.4	.7	.0	.1	.2	.6	.5	.4	.5
Staurastrum sp.								.3	.2		.1	.2	.1	.0	.1	.0
Ubestemte eller fåtallige celler																
Ubestemte flagellater (A) (5-10 µm)					4.9	15.9				18.9	50.5	32.2	7.9			
Zoomastigophora																
Ubestemte flagellater (H) (15-20 µm)										51.7						

Fytoplankton SUM µgC/l	DATO															
	980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
GRAND TOTAL	11.6	46.7	140.0	289.1	181.1	243.7	245.3	185.2	210.2	317.2	199.4	413.8	375.1	103.2	64.9	33.0
Taxonomisk gruppe																
Cyanophyta	9.7	40.8	57.4		1.5	34.3	10.6									
Cryptophyceae		1.7	7.0		61.4	21.8	119.6	164.6	154.3	284.1	98.6	236.3	245.4	43.1	27.8	9.4
Dinophyceae																
Chrysophyceae																
Synurophyceae																
Diatomophyceae																
Prymnesiophyceae	1.4	3.7	30.7	286.8	111.9	133.4	16.1	10.8	46.0	27.6	14.7	101.1	83.9	49.6	35.0	21.8
Euglenophyceae							96.6									
Chlorophyceae	.5	.0	44.2	1.8	.5	.2	2.3	4.5	9.8	5.6	14.6	18.4	7.8	2.2	2.0	1.8
Ubestemte eller fåtallige celler					4.9	15.9		5.2			18.9	50.5	32.2	7.9		
Zoomastigophora											51.7					

Fytoplankton volumenbiomasse mm ³ /l = mg vådvægt/l	DATO															
	980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Taxonomisk gruppe																
Cyanophyta					.0134	.3120	.0790 .0177				.0073	.0683	.0537	.0040	.0009	
Planktolynghya subtilis	.0605	.2760	.4967		.5323	.0834	.3083	.4151	1.2622	2.3762	.3898	1.0331	1.5069	.2992	.2310	.0834
Pseudanabaena limnetica	.0274	.0152	.0247		.0261	.1152	.7787	1.0807	.1409	.2065	.2495	.0081	.0111	.0006	.0007	.0023
Blågrønalgæ spp. filamenter		.0796									.2573	.5556	.3417	.0918	.0212	
Cryptophyceae												.5518	.3709			
Cryptomonas spp. (20-30µm)																
Cryptomonas spp. (>30µm)																
Cryptophyceae spp. (5-10 µm)																
Cryptophyceae spp. (15-20 µm)																
Dinophyceae		.0130	.0057													
Thekate furealger (A) (20-50 µm)																
Chrysophyceae			.0640			.3180										
Chrysophyceae sp.				.0002												
Dinobryon divergens				.0039	.0072	.0024	.0004									
Synurophyceae		.0036														
Synura sp.				.0573	.0265	.0373					.0036					
Diatomophyceae	.0022	.0063	.0031													
Melosira varians				1.3240	.3548	.9928	.0549	.0908	.1244	.0174	.0177	.0075	.0044	.0003	.3180	.1951
Aulacoseira granulata var. angustissima	.0074	.2173				.1566	.0012			.1021	.0384	.3917	.4267	.4504		
Aulacoseira italica																
Stephanodiscus rotula																
Centriske kiselalger spp. (< 10 µm)												.3582				
Centriske kiselalger spp. (10-20 µm)	.0013	.0022	.0529	1.1582	.5897	.0112	.0143	.0074	.2871	.0067	.0036					
Asterionella formosa		.0233		.0456		.0022						.0038				
Diatoma elongatum					.0012							.0013				
Fragilaria sp.												.0002				
Nitzschia sigmoidea																
Synedra acus	.0002	.0008	.0012	.0072	.0100	.0087	.0061	.0001	.0049	.1231	.0006	.0002	.0002	.0004		
Synedra ulna	.0018	.0013	.0047	.0149	.0351	.0413	.0329	.0018	.0018	.0013						.0027
Pennate kiselalger spp. 30-50 µm											.0701	.1571	.3312			
Prymnesiophyceae																
Prymnesiophyceae spp.							.8778									
Euglenophyceae																
Euglena sp.		.0003				.0016										
Phacus sp.						.0005										
Trachelomonas hispida								.0412								
Chlorophyceae																
Chlorogonium maximum																
Volvocale grønalgæ spp. >10 µm		.0004	.3425								.0236	.0147	.0082	.0014		
Coelastrum microporum																

Fytoplankton volumenbiomasse mm ³ /l = mg vådvægt/l	DATO															
	980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Pediastrum boryanum	.0046			.0004	.0036	.0013	.0072	.0132	.0035	.0086	.0303	.0247	.0077	.0029	.0019	.0042
Pediastrum duplex					.0013	.0043	.0072	.0099	.0770	.0177	.0713	.0989	.0361	.0090	.0032	.0077
Pediastrum tetras					.0013	.0043	.0072	.0099	.0770	.0003	.0008				.0010	
Monoraphidium sp.			.0589	.0160		.0181		.0158		.0228	.0011	.0205	.0084		.0056	
Monoraphidium contortum					.0012	.0032	.0068	.0026	.0008	.0010	.0039	.0044	.0051	.0029	.0008	.0001
Closterium sp.	.0000		.0004	.0003	.0001	.0003	.0003	.0026	.0063	.0003	.0006	.0018	.0051	.0047	.0039	.0043
Closterium acutum	.0001	.0000		.0000		.0003	.0003	.0026	.0015		.0013	.0019	.0006	.0002	.0005	.0004
Closterium acutum var. variabile																
Staurastrum sp.																
Ubestemte eller fåtallige celler																
Ubestemte flagellater (A) (5-10 µm)					.0446	.1449					.1717	.4590	.2923	.0720		
Zoomastigophora																
Ubestemte flagellater (H) (15-20 µm)																

Fytoplankton individer/ml	DATO															
	980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Taxonomisk gruppe																
Cyanophyta																
Snowella sp.																
Snowella lacustris																
Merismopedia sp.																
Microcystis aeruginosa																
Microcystis viridis																
Microcystis wesenbergii																
Anabaena sp.																
Anabaena flos-aquae																
Anabaena spiroides																
Planktolyngbya subtilis																
Pseudanabaena limnetica																
Pseudanabaena mucicola																
Ubestemte kolonidannende cyanobakterier																
Blågrønne spp. filamenter																
Blågrønne lignende celler																
Cryptophyceae																
Cryptomonas spp. (20-30 µm)	49.9	186.9	291.0		352.4	60.8	154.7	168.1	914.2	1988.0	226.2	892.9	1113.1	358.4	202.2	53.0
Cryptomonas spp. (>30 µm)	7.4	4.5	6.4		7.8			.3				2.7	4.0	.2	.2	.7
Cryptophyceae spp. (5-10 µm)		604.6						14234	1991.0	1825.1	3139.6	7006.7	3688.4	1585.8	209.5	
Cryptophyceae spp. (10-15 µm)																
Cryptophyceae spp. (15-20 µm)																
Dinophyceae																
Nøgne furealger (A) (10-20 µm)																
Nøgne furealger (A) (20-50 µm)																
Thekate furealger (A) (10-20 µm)																
Thekate furealger (A) (20-50 µm)																
Chrysophyceae																
Chrysophyceae sp.																
Dinobryon sp.																
Dinobryon divergens																
Uroglena sp.																
Synurophyceae																
Mallomonas sp.																
Mallomonas tonsurata																
Mallomonas akrokomos																
Mallomonas spp.																
Synura sp.																
Diatomophyceae																
Melosira varians	.6	1.5	.4	8.2	24.5	8.2	1.5				.6					
				6.6	3.1		3.8									

+: til stede

(fortsættes)

Fytoplankton individer/ml	DATO															
	980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Aulacoseira granulata var. angustissima	+									51.6	48.6	12.7	7.9			
Aulacoseira italica	10.8	+	197.6	648.4	642.5	1797.8	89.3	164.4	268.3	184.9	73.9	772.8	772.8	756.8	564.6	212.0
Aulacoseira italica var. tenuissima	+	+					.1	+	+	+	+	+	+	+		
Aulacoseira granulata																
Stephanodiscus rotula				+							+					
Stephanodiscus hantzschii																
Centriske kiselalger spp. (< 10 µm)	+	+	+	+	+	989.1		+			3190.7					
Centriske kiselalger spp. (10-20 µm)	+	+							88.9							
Asterionella formosa	5.9	10.1	220.6	4504.5	2403.3	53.3	63.5	30.0	+	20.8	16.5	+	+	+	+	+
Diatoma elongatum	2.3	2.3	+	90.2	6.5	5.0	+	+	+	+	+	7.1	+	+	+	+
Fragilaria sp.												+	+			
Fragilaria berolinensis												+	+			
Nitzschia acicularis												+	+			
Nitzschia sigmaidea	.1	.2	.4	4.0	4.8	12.8	4.9	.1	2.2	45.2	.2	.1	.2			.3
Synedra acus	.2	.1	.6	2.0	4.1	5.3	5.0		.2	.1						
Synedra ulna																
Pennate kiselalger spp. 30-50 µm	+	+	+	+	+	+	+	+	+	+	280.3	426.4	1113.1	+	+	
Prymnesiophyceae																
Prymnesiophyceae spp.	+	+	+	+	+	+	23388	+	+	+	+	+	+	+	+	+
Euglenophyceae																
Euglena sp.	.2					.2										
Phacus sp.						.1										
Trachelomonas hispida	+	+	+	+	+	+	+	1.6	+	+	+	+	+	+	+	+
Trachelomonas volvocinopsis																
Chlorophyceae																
Chlorogonium maximum	+															
Gonium sociale																
Volvocale grønalger spp. <5 µm																
Volvocale grønalger spp. 5-10 µm	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Volvocale grønalger spp. >10 µm			198.9													
Ankistrodesmus fusiformis																
Botryococcus braunii																
Coelastrum microporum																
Dictyosphaerium sp.																
Dictyosphaerium pulchellum																
Lagerheimia sp.																
Oocystis sp.			+													
Pediastrum boryanum	.2	+		.1	.2	.1	.7	2.3	.7	.5	2.3	3.1	2.1	.7	.3	.4
Pediastrum duplex		+	+	.1	+	.1	.5	1.3	2.9	.9	5.4	8.4	3.8	.7	.2	.5

+: til stede

(fortsættes)

Fytoplankton individer/ml	DATO															
	980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Pediastrum tetras	+	+	+	+	+	+	+	+	+	.2	.2	+	+	+	+	
Scenedesmus sp.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Scenedesmus acuminatus																
Scenedesmus spp.																
Actinastrum hantzschii		+														
Sphaerocystis schroeteri/Eutetramorus fottii		+														
Tetraëdron minimum		+														
Tetraëdron caudatum		+														
Tetraëdron incus		+														
Monoraphidium sp.	+	+	1263.3	312.3	+	+	+	284.3	+	544.5	11.9	544.5	236.2	+	6.6	+
Monoraphidium contortum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	146.8	+
Monoraphidium minutum		+														
Ankyra judayi		+														
Treubaria triappendiculata		+														
Treubaria setigera		+														
Golenkinia radiata		+														
Tetrastrum staurogeniaeforme		+														
Microactinium pusillum		+														
Crucigenia tetrapedia		+														
Elakatothrix genevensis		+														
Elakatothrix sp.	.1	.4		.2	1.1	3.4	6.4	5.4	1.5	1.6	4.5	7.4	7.1	1.1	.7	.1
Closterium sp.	.2	.1		.1	.3	.6	1.2									
Closterium acutum var. variabile		+					1.4	12.6	43.2	1.8	4.0	6.3	25.2	22.6	17.3	14.7
Staurastrum sp.		+					1.4	1.4	1.3		.7	.9	.3	.1	.2	.2
Ubestemte eller fåtallige celler		+														
Ubestemte flagellater (A) (5-10 µm)		+		+	478.6	2297.3	+		+	1314.6	5232.7	3382.1	1005.1	+	+	+
Zoomastigophora		+														
Paramastix confifera		+														
Ubestemte flagellater (H) (10-15 µm)		+														
Ubestemte flagellater (H) (15-20 µm)		+														

+: til stede

Fytoplankton Biomasse (C) - procentvis sammensætning	DATO															
	980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Taxonomisk gruppe																
Cyanophyta					.8	14.1	3.5				.4	1.8	1.6	.4		
Planktolyngbya subtilis							.8								.2	
Pseudanabaena limnetica																
Blågrønalg spp. filamenter																
Cryptophyceae																
Cryptomonas spp. (20-30µm)	57.4	65.0	39.0		32.3	3.8	13.8	24.7	66.1	82.4	21.5	27.5	44.2	31.9	39.1	27.8
Cryptomonas spp. (>30µm)	25.9	3.6	1.9		1.6	5.2	34.9	.0	7.4	7.2	13.8	.2	.3	.1	.1	.8
Cryptophyceae spp. (5-10 µm)		18.8						64.2			14.2	14.8	10.0	9.8	3.6	
Cryptophyceae spp. (15-20 µm)												14.7	10.9			
Dinophyceae																
Thekate furealger (A) (20-50 µm)		3.6	.5													
Chrysoophyceae																
Chrysoophyceae sp.			5.0		.0	14.4										
Dinobryon divergens																
Synurophyceae																
Synura sp.		.8		.1	.4	.1	.0									
Diatomophyceae																
Melosira varians	2.0	1.5	.2	2.2	1.6	1.7					.2					
Aulacoseira granulata var. angustissima																
Aulacoseira italica	7.0				21.5	44.8	2.5	5.4	6.5	.6	1.0	.2	.1	.0	53.9	65.0
Stephanodiscus rotula							.1			3.5	2.1	10.4	12.5	48.0		
Centriske kiselalger spp. (< 10 µm)												9.5				
Centriske kiselalger spp. (10-20 µm)																
Asterionella formosa	1.3	.5	4.2	44.1	35.8	.5	.6	.4	15.0	.2	.2					
Diatoma elongatum		5.5		1.7												
Fragilaria sp.					.1	.1						.1				
Nitzschia sigmaidea												.0				
Synedra acus	.2	.2	.1	.3	.6	.4	.3	.0	.3	4.3	.0	.0	.0		.1	.9
Synedra ulna	1.7	.3	.4	.6	2.1	1.9	1.5		.1	.0						
Pennate kiselalger spp. 30-50 µm																
Prymnesiophyceae																
Prymnesiophyceae spp.							39.4									
Euglenophyceae																
Euglena sp.		.1				.1										
Phacus sp.						.0										
Trachelomonas hispida								2.4								
Chlorophyceae																
Chlorogonium maximum																
Volvocale grønalgler spp. >10 µm		.1	26.9								1.3	.4	.2		.2	
Coelastrum microporum																

Fytoplankton Biomasse (C) - procentvis sammensætning	DATO															
	980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Pediastrum boryanum	4.4			.0	.2	.1	.3	.8	.2	.3	1.7	.7	.2	.3	.3	1.4
Pediastrum duplex						.1	.2	.6	4.0	.6	3.9	2.6	1.1	1.0	.5	2.6
Pediastrum tetras				.0						.0	.0					
Monoraphidium sp.			4.6	.6		.8		.9		.8	.1	.5	.2		.2	
Monoraphidium contortum					.1	.1	.3	.2	.0	.0	.2	.1	.1	.3	1.0	.0
Closterium sp.	.0		.0	.0	.0	.0	.0									
Closterium acutum	.1	.0														
Closterium acutum var. variabile																
Staurastrum sp.						.1		.2	.3	.0	.0	.0	.2	.5	.7	1.4
Ubestemte eller fåtallige celler Ubestemte flagellater (A) (5-10 µm)					2.7	6.5		.2	.1		.1	.1	.0	.0	.1	.1
Zoomastigophora											9.5	12.2	8.6	7.7		
Ubestemte flagellater (H) (15-20 µm)											25.9					

Fytoplankton Biomasse (C) - procentvis sammensætning	DATO															
	980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
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
Taxonomisk gruppe																
Cyanophyta	83.3	87.4	41.0		.8	14.1	4.3									
Cryptophyceae		3.6	.5		33.9	9.0	48.7		73.4	89.6	49.5	1.8	1.6	.4	.2	28.5
Dinophyceae			5.0									57.1	65.4	41.7	42.8	
Chrysophyceae				.0		14.4										
Synurophyceae				.1	.4	.1	.0									
Diatomophyceae	12.2	8.0	21.9	99.2	61.8	54.8	6.6	5.8	21.9	8.7	7.4	24.4	22.4	48.1	53.9	65.9
Prymnesiophyceae							39.4									
Euglenophyceae																
Chlorophyceae	4.5	.1	31.6	.6	.3	.1	1.0	2.4	4.7	1.8	7.3	4.4	2.1	2.1	3.1	5.6
Ubestemte eller fåtallige celler					2.7	6.5		2.8			9.5	12.2	8.6	7.7		
Zoomastigophora											25.9					

Fytoplankton Volumenbiomasse procentvis sammensætning	DATO															
	980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Taxonomisk gruppe																
Cyanophyta					.8	14.1	3.5			.4		1.8	1.6	.4		
Planktolyngbya subtilis							.8								.2	
Pseudanabaena limnetica															39.1	27.8
Blågrønne spp. filamenter															.1	.8
Cryptophyceae																
Cryptomonas spp. (20-30µm)	57.4	65.4	39.0		32.3	3.8	13.8	24.7	66.1	82.4	21.5	27.5	44.2	31.9		
Cryptomonas spp. (>30µm)	25.9	3.6	1.9		1.6			.0				.2	.3	.1		
Cryptophyceae spp. (5-10 µm)		18.9				5.2	34.9	64.2	7.4	7.2	13.8	14.8	10.0	9.8	3.6	
Cryptophyceae spp. (15-20 µm)											14.2	14.7	10.9			
Dinophyceae																
Thekate furealger (A) (20-50 µm)		3.1	.4													
Chrysophyceae																
Chrysophyceae sp.			5.0			14.4										
Dinobryon divergens					.0											
Synurophyceae					.1	.1	.0									
Synura sp.																
Diatomophyceae																
Melosira varians	2.0	1.5	.2	2.2	1.6		1.7			.2						
Aulacoseira granulata var. angustissima																
Aulacoseira italica	7.0		17.1	50.4	21.5	44.8	2.5	5.4	6.5	.6	1.0	.2	.1	48.0	53.9	65.0
Stephanodiscus rotula							.1			3.5	2.1	10.4	12.5	.0		
Centriske kiselalger spp. (< 10 µm)						7.1						9.5				
Centriske kiselalger spp. (10-20 µm)																
Asterionella formosa	1.3	.5	4.2	44.1	35.8	.5	.6	.4	15.0	.2						
Diatoma elongatum		5.5		1.7												
Fragilaria sp.					.1	.1										
Nitzschia sigmoidea												.1				
Synedra acus	.2	.2	.1	.3	.6	.4	.3	.0	.3	4.3	.0	.0	.0		.1	.9
Synedra ulna	1.7	.3	.4	.6	2.1	1.9	1.5		.1	.0						
Pennate kiselalger spp. 30-50 µm																
Prymnesiophyceae																
Prymnesiophyceae spp.							39.4									
Euglenophyceae																
Euglena sp.		.1				.1										
Phacus sp.						.0										
Trachelomonas hispida								2.4								
Chlorophyceae																
Chlorogonium maximum		.1	26.9													
Volvocale grønnealger spp. >10 µm																
Coelastrum microporum											1.3	.4	.2		.2	

Fytoplankton Volumenbiomasse procentvis sammensætning	DATO															
	980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Pediastrum boryanum	4.4			.0	.2	.1	.3	.8	.2	.3	1.7	.7	.2	.3	.3	1.4
Pediastrum duplex						.1	.2	.6	4.0	.6	3.9	2.6	1.1	1.0	.5	2.6
Pediastrum tetras				.6				.0	.0	.0	.1				.2	
Monoraphidium sp.			4.6			.8		.9		.8		.5	.2			
Monoraphidium contortum	.0		.0	.0	.1	.1	.3	.2	.0	.0	.2	.1	.1	.3	1.0	.0
Closterium sp.	.1	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.2	.5	.7	1.4
Closterium acutum								.2	.1	.0	.1	.1	.0	.0	.1	.1
Closterium acutum var. variabile							.1			.0	.0	.0	.2	.5	.7	1.4
Staurastrum sp.																
Ubestemte eller fåtallige celler																
Ubestemte flagellater (A) (5-10 µm)					2.7						9.5	12.2	8.6			
Zoomastigophora						6.5								7.7		
Ubestemte flagellater (H) (15-20 µm)											25.9					

Arternes specifikke volumener i 10+3 µm ³ /individ = 10-3 µg vådvægt/individ	DATO															
	980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Taxonomisk gruppe																
Cyanophyta																
Planktolyngbya subtilis																
Pseudanabaena limnetica																
Blågrønne spp. filamenter																
Cryptophyceae																
Cryptomonas spp. (20-30µm)	1212.7	1477.0			1510.8	1371.7	1992.7	2469.7	1380.7	1195.3	1723.0	1157.0	1353.8	834.8	1142.2	1573.4
Cryptomonas spp. (>30µm)	3697.7	3378.5			3351.6		102.5	2748.4				3006.8	2779.7	2915.8	3304.6	3301.0
Cryptophyceae spp. (5-10 µm)		131.7						75.9	70.7	113.2	79.5	79.3	92.6	57.9	101.3	
Cryptophyceae spp. (15-20 µm)											626.9	433.3	520.4			
Dinophyceae																
Thekate furealger (A) (20-50 µm)		10852														
Chrysophyceae																
Chrysothrix sp.																
Dinobryon divergens																
Synurophyceae																
Synura sp.		578.1														
Diatomophyceae																
Melosira varians	3589.5	4197.0	7854.0	8688.5	8549.4		9817.5				6013.2					
Aulacoseira granulata var. angustissima																
Aulacoseira italica	683.5		1099.6	2042.0	552.2	552.2	614.8	552.2	463.9	337.5	364.7	589.0	552.2	490.9		
Stephanodiscus rotula							12272			552.2	519.1	506.8	552.2	595.2	563.3	920.4
Centriske kiselalger spp. (< 10 µm)																
Centriske kiselalger spp. (10-20 µm)																
Asterionella formosa	226.6	215.6	239.7	257.1	245.4	210.9	225.1	247.1	3229.9	320.5	216.3					
Diatoma elongatum		10125		505.5	180.0	440.0										
Fragilaria sp.																
Nitzschia sigmoidea																
Synedra acus	2261.9	4172.5	3092.5	1799.7	2079.7	678.6	1247.2	989.6	2210.5	2723.4	2796.0	777.6	1148.7	3730.6	8961.4	
Synedra ulna	8922.1	12959	7780.0	7474.2	8565.9	7791.2	6589.5	8796.4	12959							
Pennate kiselalger spp. 30-50 µm																
Prymnesiophyceae																
Prymnesiophyceae spp.																
Euglenophyceae																
Euglena sp.																
Phacus sp.																
Trachelomonas hispida																
Chlorophyceae																
Chlorogonium maximum		1641.5														
Volvocale grønnealger spp. >10 µm		3927.0	1722.1													

Ørn Sø, 1998 - Fytoplankton

Arternes specifikke volumener i 10+3 µm ³ /individ = 10-3 µg vådvægt/individ	DATO															
	980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Coelastrum microporum					17966	12566	10348	5743.2	5035.5	17262	143.2	250.3	377.4		523.6	
Pediastrum boryanum	23047			3681.6		12566	8668.0	7596.3	26537	19635	13195	7952.2	3660.7	4193.1	6365.0	10443
Pediastrum duplex										1256.7	3982.0	11774	9497.2	12875	16101	15472
Pediastrum tetras											94.8				148.7	
Monoraphidium sp.			46.6	51.3		61.1			41.9			37.7	35.6			
Monoraphidium contortum	377.0					955.2	1067.2	477.7	559.2	629.3	861.1	588.9	714.7	2596.4	1129.3	1210.8
Closterium sp.	387.5	481.7	1030.8	1632.9	1105.1	427.5	246.5									
Closterium acutum var. variabile				392.7	492.2											
Staurastrum sp.									155.1		156.2	290.1	203.8	209.7	223.8	289.9
Ubestemte eller fåtallige celler Ubestemte flagellater (A) (5-10 µm)					93.2		1886.3	1877.7	1190.9		1855.5	2101.6	2148.1	2148.1	2428.5	2136.3
Zoomastigophora						63.1					130.6	87.7	86.4	71.6		
Ubestemte flagellater (H) (15-20 µm)											2007.7					

Ørn Sø, 1998
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
GRAND TOTAL	1.832	100.0%	.735	2.323	100.0%	.586	1.558	100.0%	.537
TAXONOMISKE GRUPPER									
Cyanophyta	.032	1.7%	.312	.050	2.2%	.312	.058	3.7%	.312
Cryptophyceae	1.004	54.8%	2.583	1.445	62.2%	2.583	.412	26.4%	1.210
Dinophyceae	.001	.1%	.013	.000	.0%	.000	.003	.2%	.013
Chrysophyceae	.021	1.1%	.318	.027	1.2%	.318	.058	3.7%	.318
Synurophyceae	.001	.1%	.007	.001	.0%	.007	.002	.1%	.007
Diatomophyceae	.531	29.0%	2.607	.469	20.2%	1.213	.800	51.3%	2.607
Prymnesiophyceae	.057	3.1%	.878	.091	3.9%	.878	.110	7.1%	.878
Euglenophyceae	.004	.2%	.041	.006	.3%	.041	.001	.1%	.012
Chlorophyceae	.076	4.1%	.402	.070	3.0%	.167	.088	5.6%	.402
Ubestemte eller fåtallige celler	.072	3.9%	.459	.111	4.8%	.459	.026	1.7%	.145
Zoomastigophora	.033	1.8%	.470	.053	2.3%	.470	.000	.0%	.000

Ørn Sø, 1998
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
GRAND TOTAL	201.536	100.0%	80.928	255.494	100.0%	64.476	171.563	100.0%	59.067
TAXONOMISKE GRUPPER									
Cyanophyta	3.478	1.7%	34.324	5.492	2.1%	34.324	6.412	3.7%	34.324
Cryptophyceae	110.465	54.8%	284.094	159.001	62.2%	284.094	45.362	26.4%	133.086
Dinophyceae	.149	.1%	1.693	.000	.0%	.000	.403	.2%	1.693
Chrysophyceae	2.355	1.2%	34.992	2.957	1.2%	34.992	6.365	3.7%	34.992
Synurophyceae	.100	.0%	.794	.061	.0%	.756	.267	.2%	.794
Diatomophyceae	58.397	29.0%	286.807	51.543	20.2%	133.405	88.014	51.3%	286.807
Prymnesiophyceae	6.280	3.1%	96.556	10.032	3.9%	96.556	12.149	7.1%	96.556
Euglenophyceae	.401	.2%	4.531	.637	.2%	4.531	.091	.1%	1.359
Chlorophyceae	8.357	4.1%	44.193	7.678	3.0%	18.357	9.657	5.6%	44.193
Ubestemte eller fåtallige celler	7.874	3.9%	50.490	12.215	4.8%	50.490	2.843	1.7%	15.934
Zoomastigophora	3.680	1.8%	51.729	5.878	2.3%	51.729	.000	.0%	.000

Ørn sø, 1998
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	8081.001	100.0%	5044.068	11519.734	100.0%	4891.236	8110.993	100.0%	4332.376
TAXONOMISKE GRUPPER									
Cyanophyta	66.016	.8%	504.504	104.016	.9%	504.504	101.729	1.3%	504.504
Cryptophyceae	3772.244	46.7%	14402.586	5798.834	50.3%	14402.586	1586.045	19.6%	9744.764
Dinophyceae	.097	.0%	1.200	.000	.0%	.000	.262	.0%	1.200
Chrysophyceae	359.835	4.5%	4977.469	420.244	3.6%	4977.469	972.741	12.0%	4977.469
Synurophyceae	2.429	.0%	24.500	1.882	.0%	23.336	6.493	.1%	24.500
Diatomophyceae	1225.456	15.2%	5255.683	1214.526	10.5%	4409.982	1736.662	21.4%	5255.683
Prymnesiophyceae	1521.153	18.8%	23387.721	2429.893	21.1%	23387.721	2942.741	36.3%	23387.721
Euglenophyceae	.164	.0%	1.600	.244	.0%	1.600	.092	.0%	.480
Chlorophyceae	301.471	3.7%	1462.526	263.183	2.3%	629.444	380.820	4.7%	1462.526
Ubestemte eller fåtallige celler	815.473	10.1%	5232.724	1260.295	10.9%	5232.724	383.408	4.7%	2297.293
Zoomastigophora	16.663	.2%	234.234	26.617	.2%	234.234	.000	.0%	.000

Ørn Sø, 1998

Fytoplankton µgC/l	DATO															
	980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Størrelsesklasse																
<=20µm	9.7	8.8	44.7	2.2	4.9	80.8	182.2	118.9	47.1	25.3	126.5	214.0	111.5	18.0	3.0	
21-50µm	1.9	33.8	64.6	286.9	61.4	11.5	35.7	60.0	161.6	264.3	68.8	147.0	256.1	83.8	26.2	10.7
>50µm		4.2	30.8		114.8	151.3	27.4	6.3	1.5	27.7	4.1	52.8	7.6	1.3	35.7	22.3

Fytoplankton Biomasse (C) - procentvis sammensætning	DATO															
	980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Størrelsesklasse																
<=20µm	18.8	31.9			2.7	33.2	74.3	64.2	22.4	8.0	63.4	51.7	29.7	17.5	4.5	
21-50µm	83.3	72.3	46.1	.8	33.9	4.7	14.5	32.4	76.9	83.3	34.5	35.5	68.3	81.2	40.4	32.5
>50µm	16.7	8.9	22.0	99.2	63.4	62.1	11.2	3.4	.7	8.7	2.1	12.8	2.0	1.3	55.0	67.5

Fytoplankton Volumenbiomasse procentvis sammensætning		DATO															
		980303	980319	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Størrelsesklasse																	
<=20µm	18.9	32.0			2.7	33.2	74.3	64.2	22.4	8.0	63.4	51.7	29.7	17.5	4.5		
21-50µm	83.3	72.1	46.1	.8	33.9	4.7	14.5	32.4	76.9	83.3	34.5	35.5	68.3	81.2	40.4		
>50µm	16.7	9.0	22.0	99.2	63.4	62.1	11.2	3.4	.7	8.7	2.1	12.8	2.0	1.3	55.0		

ZOOPLANKTON

Zooplankton µg C/l	DATO														
	980303	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Taxonomisk gruppe															
Rotatoria															
Brachionus angularis		.0			.0	.0			.0						.0
Brachionus calyciflorus				.0	.0	.0		.0	.0				.0		.0
Brachionus urceolaris				.0	.0	.0									
Keratella cochlearis				.1	.1	.3		1.5	.4				.1		.1
Keratella cochlearis tecta			.0						.0						
Keratella quadrata									.0						
Anuraeopsis fissa					.0	.1		1.3	.2		.1	.2	.5	.3	.1
Kellikottia longispina	.0														
Notholca acuminata	.0				.0										
Notholca squamula															
Argonotholca foliacea				.0									.0		
Lecane lunaris														.0	
Lepadella sp.															
Colurella sp.														.0	
Trichocerca pusilla															
Trichocerca similis															
Ascomorpha saltans				.0				.1	.1	.6	1.5	2.6	.8	1.0	.2
Polyarthra major				.3	.1		.1	.0	.0	.0	.2	.1	.1	.2	.2
Polyarthra vulgaris		.3	.9	.0	.0		.0								
Polyarthra dolichoptera			.0	.0	.0										
Polyarthra remata				.1	.0										
Synchaeta spp.			1.0	1.4	55.2	52.4	31.6	151.6	.0	.0	.1	.0	.1	.5	2.6
Asplanchna priodonta					.0										
Testudinella truncata															
Pompholyx sulcata				.0	.0		.0	.0	.1		.0		.0	.0	.0
Filinia longiseta				.0											
Conochilus unicornis		.0	.0	.8	4.8	5.0	3.6	3.0	.0	.2	.3	4.1	1.6	.3	.2
Collotheca sp.															
Cladocera															
Diaphanosoma brachyurum										.1					
Ceriodaphnia pulchella				1.6	24.3	39.3	102.5	249.1	426.9	87.8	229.7	378.1	235.3	141.2	12.9
Daphnia cucullata				1.0	7.9	29.4	27.0	102.1	29.2	19.7	11.7	39.1	20.0	14.8	26.5
Daphnia galeata				45.1	43.2	39.6	35.6	117.4	19.4	9.0	5.1	28.3	34.1	33.7	94.3
Daphnia hyalina				.6	6.4	3.3	5.8	7.0	2.8	.8	1.2	.7	.7	.2	.1
Bosmina coregoni		.1	.6	.6	5.8	25.7	245.7	32.4	.2	.0			.3	.2	.1
Bosmina longirostris															
Alona costata															
Alona quadrangularis		1.0	1.2	.9	.3	.1	.0	.2	.1	.1	.2	.4	.3	.3	.3
Chydorus sphaericus				.0											
Leptodora kindtii															
Calanoida															
Eudiaptomus spp.		.2	.1	.7	1.9	1.5	10.9	28.7	6.0	.1	4.8	9.1	8.3	6.8	8.9
Eudiaptomus gracilis	1.0				4.3	2.3	6.5	66.6	38.0	8.3	2.0	24.9	29.4	19.2	18.7
Calanoida nauplier	.7	1.5	.8	.4	.8	2.6	8.0	6.6	29.2	12.0	2.6	7.3	5.1	1.5	3.4

Zooplankton SUM µg C/l	DATO														
	980303	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
GRAND TOTAL	162.3	99.4	213.0	227.5	331.6	490.6	812.9	922.1	791.8	370.6	526.1	867.3	846.0	335.2	194.3
Taxonomisk gruppe															
Rotatoria	.1	.4	2.0	2.7	60.3	57.9	35.8	157.5	1.0	1.0	2.2	7.1	3.2	2.6	3.5
Cladocera	9.0	13.5	54.6	49.8	87.9	137.6	416.6	508.6	478.6	124.3	250.1	446.6	290.8	190.0	133.9
Calanoida	1.6	1.6	1.0	1.2	7.0	6.4	25.4	101.9	73.2	20.3	9.4	41.3	42.8	27.5	31.0
Cyclopoidea	151.6	83.9	155.4	173.0	176.4	288.7	335.0	154.0	239.0	225.1	264.1	372.2	508.9	115.1	25.3
Herpacticoida				.7							.2		.3		.7

Zooplankton volumenbiomasse mm ³ /l = mg vådvægt/l	DATO														
	980303	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Taxonomisk gruppe															
Rotatoria		.0003			.0002	.0007		.0009	.0009	.0000	.0001	.0010	.0013		.0009
Brachionus angularis				.0011	.0001	.0001	.0001	.0003	.0004	.0000	.0001	.0010	.0013	.0005	.0007
Brachionus calyciflorus				.0000	.0001	.0001	.0001	.0399	.0109	.0006		.0010	.0030	.0033	.0021
Brachionus urceolaris		.0009	.0008	.0014	.0023	.0084	.0085	.0399	.0109	.0006		.0010	.0030	.0033	.0021
Keratella cochlearis					.0002	.0024	.0053	.0360	.0051	.0010	.0015	.0054	.0123	.0070	.0020
Keratella cochlearis tecta					.0001										
Keratella quadrata					.0001										
Anuraeopsis fissa	.0001														
Kellikottia longispina	.0001														
Notholca acuminata															
Notholca squamula															
Argonotholca foliacea				.0001								.0001			
Lecane lunaris															
Lepadella sp.							.0001							.0002	
Colurella sp.															
Trichocerca pusilla									.0001						
Trichocerca similis															
Ascomorpha saltans				.0004				.0014	.0027	.0168	.0407	.0707	.0216	.0282	.0055
Polyarthra major		.0073	.0243	.0084	.0029	.0029	.0017	.0005	.0007	.0011	.0042	.0019	.0029	.0065	.0054
Polyarthra vulgaris	.0008		.0001	.0003	.0002	.0002	.0002	.0002	.0001	.0025	.0001	.0009	.0023	.0018	.0054
Polyarthra dolichoptera			.0006	.0020	.0010	.0001	2.1435	10.272	.0001	.0025	.0072	.0019	.0040	.0363	.0008
Polyarthra remata	.0026	.0002	.0696	.0933	3.7421	3.5505	2.1435	10.272	.0031	.0025	.0072	.0019	.0040	.0363	.1764
Synchaeta spp.					.0001		.0001	.0005	.0031		.0002		.0002	.0002	.0001
Asplanchna priodonta															
Testudinella truncata															
Pompholyx sulcata			.0003												
Filinia longiseta		.0012	.0011	.0230	.1311	.1354	.0964	.0821	.0007	.0058	.0090	.1102	.0425	.0086	.0058
Conochilus unicornis															
Collotheca sp.															
Cladocera										.0032					
Diaphanosoma brachyurum								.0081							
Ceriodaphnia pulchella				.0338	.5267	.8529	2.2223	5.4005	9.2558	1.9041	4.9804	8.1973	5.1009	3.0602	.2806
Daphnia cucullata				.0222	.1713	.6373	.5850	2.2135	.6336	.4266	.2527	.8483	.4329	.3204	.5746
Daphnia galeata	.1898	.2692	1.1401	.9768	.9368	.8591	.7720	2.5463	.4209	.1956	.1101	.6136	.7396	.7298	2.0436
Daphnia hyalina			.0050	.0139	.1382	.0723	.1264	.1520	.0598	.0179	.0261	.0154	.0151	.0040	.0017
Bosmina coregoni	.0023	.0030	.0127	.0134	.1267	.5579	5.3260	.7027	.0043	.0003			.0065	.0040	.0015
Bosmina longirostris						.0010									
Alona costata				.0193	.0059	.0020	.0005	.0040	.0023	.0018	.0035	.0085	.0066	.0066	
Alona quadrangularis	.0029	.0207	.0262	.0007						.1447	.0502		.0006	.0034	
Chydorus sphaericus															
Leptodora kindtii															
Calanoidea															
Eudiaptomus spp.		.0033	.0027	.0159	.0422	.0315	.2370	.6220	.1294	.0015	.1043	.1972	.1795	.1464	.1937
Eudiaptomus gracilis	.0207	.0321	.0180	.0097	.0938	.0506	.1403	1.4447	.8239	.1793	.0441	.5409	.6373	.4156	.4047
Calanoida naupliar	.0147				.0163	.0560	.1729	.1426	.6334	.2595	.0562	.1573	.1107	.0332	.0737

Zooplankton volumenbiomasse mm ³ /l = mg vådvægt/l	DATO														
	980303	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
GRAND TOTAL	3.522	2.156	4.670	5.002	9.762	13.080	19.103	27.008	17.173	8.042	11.421	18.843	18.362	7.302	4.338
Taxonomisk gruppe															
Rotatoria	.004	.010	.097	.130	3.880	3.701	2.257	10.432	.028	.028	.063	.194	.090	.093	.200
Cladocera	.195	.293	1.184	1.080	1.906	2.982	9.032	11.027	10.377	2.694	5.423	9.683	6.306	4.118	2.902
Calanoida	.035	.035	.021	.026	.152	.138	.550	2.209	1.587	.440	.205	.895	.927	.595	.672
Cyclopoidea	3.288	1.818	3.368	3.751	3.824	6.259	7.263	3.339	5.181	4.880	5.725	8.070	11.033	2.496	.548
Herpacticoida				.015							.005		.006		.016

Zooplankton tørvægt µg/l	DATO														
	980303	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT
Taxonomisk gruppe															
Rotatoria															
Brachionus angularis		.0		.0	.0	.1			.1						.1
Brachionus calyciflorus			.1	.0	.0	.0			.0				.1		.1
Brachionus urceolaris			.0	.0	.0	.0			.0				.1		.1
Keratella cochlearis		.1	.1	.2	.8	.9		4.0	1.1	.1	.1	.5	.3	.3	.2
Keratella quadrata				.0	.2	.5		3.6	.5	.1	.1	1.2	.7	.7	.2
Anuraeopsis fissa	.0			.0	.2	.5									
Kellikottia longispina	.0			.0	.0	.0									
Notholca acuminata				.0	.0	.0									
Notholca squamula				.0	.0	.0									
Argonotholca foliacea				.0	.0	.0									
Lecane lunaris				.0	.0	.0									
Lepadella sp.				.0	.0	.0									
Colurella sp.				.0	.0	.0									
Trichocerca pusilla				.0	.0	.0									
Trichocerca similis				.0	.0	.0									
Ascomorpha saltans				.0	.0	.0		.1	.3	1.7	4.1	7.1	2.2	2.8	.5
Polyarthra major				.0	.3	.1		.0	.1	.1	.4	.2	.3	.6	.5
Polyarthra vulgaris	.1	.7	2.4	.8	.3	.3		.0	.1	.1	.2	.1	.2	.2	.5
Polyarthra dolichoptera			.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0
Polyarthra remata			.1	.2	.1	.0		.0	.0	.1	.3	.1	.2	1.5	.1
Synchaeta spp.	.1	.0	2.8	3.7	149.7	142.0	85.7	410.9	.1	.1	.3	.1	.2	1.5	7.1
Asplanchna priodonta				.0	.0	.0		.0	.3	.6	.0	.0	.0	.0	.0
Testudinella truncata				.0	.0	.0		.1	.3	.6	.0	.0	.0	.0	.0
Pompholyx sulcata			.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0
Filinia longiseta		.1	.1	2.3	13.1	13.5	9.6	8.2	.1	.6	.9	11.0	4.2	.9	.6
Conochilus unicornis				.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0
Collotheca sp.				.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0
Cladocera															
Diaphanosoma brachyurum								1.0	.4	.4					
Ceriodaphnia pulchella				4.2	65.8	106.6	277.8	675.1	1157.0	238.0	622.5	1024.7	637.6	382.5	35.1
Daphnia cucullata			2.8	21.4	79.7	73.1	276.7	79.2	79.2	53.3	31.6	106.0	54.1	40.0	71.8
Daphnia galeata			122.1	117.1	107.4	96.5	318.3	52.6	52.6	24.4	13.8	76.7	92.5	91.2	255.5
Daphnia hyalina			1.7	17.3	9.0	15.8	19.0	7.5	7.5	2.2	3.3	1.9	1.9	.5	.2
Bosmina coregoni			.6	1.7	15.8	69.7	665.8	87.8	.5	.0	.0	.0	.8	.5	.2
Bosmina longirostris	.3	.4	1.6	1.7	15.8	69.7	665.8	87.8	.5	.0	.0	.0	.8	.5	.2
Alona costata						.1									
Alona quadrangularis	.4	2.6	3.3	2.4	.7	.2	.1	.5	.3	.2	.4	1.1	.8	.1	.4
Chydorus sphaericus			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Leptodora kindtii															
Calanoida															

Zooplankton tørvægt µg/l	DATO															
	980303	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104	
	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	
GRAND TOTAL	440.0	269.3	577.1	616.4	898.7	1329.5	2202.9	2498.9	2145.7	1004.4	1425.6	2350.4	2292.7	908.3	526.7	
Taxonomisk gruppe																
Rotatoria	.2	1.0	5.5	7.4	163.5	157.0	97.1	427.0	2.6	2.6	5.9	19.3	8.8	7.1	9.4	
Cladocera	24.4	36.6	148.0	135.0	238.2	372.8	1129.0	1378.4	1297.1	336.8	677.9	1210.4	788.2	514.8	362.7	
Calanoida	4.4	4.4	2.6	3.2	19.0	17.3	68.8	276.2	198.3	55.0	25.6	111.9	115.9	74.4	84.0	
Cyclopoida	411.0	227.3	421.1	468.9	478.0	782.4	907.9	417.3	647.7	610.0	715.7	1008.8	1379.1	312.0	68.5	
Herpacticoida				1.9							.6		.7		2.0	

Zooplankton individer/l	DATO														
	980303	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Taxonomisk gruppe															
Rotatoria															
Rotaria neptunia								+							
Hunner															
Brachionus angularis			+		.7	1.3									
Hunner															
Brachionus calyciflorus		.2							.2						.2
Hunner															
Brachionus urceolaris			+	1.3											
Hunner															
Keratella cochlearis				.7	1.4	3.3	2.1	8.3	16.6	.7	2.1	30.3	34.7	14.3	18.8
Hunner						2.7									
Keratella cochlearis tecta						10.7	10.7	55.2	15.9	1.4		1.4	4.7	5.0	3.8
Hunner									.7						
Keratella quadrata															
Hunner															
Anuraeopsis fissa		1.3	1.3	2.7	3.6	10.7	10.7	2.9	29.4	68.6	441.4	66.2	154.7	81.4	26.3
Hunner															
Kellikottia longispina		+		+	2.9	29.4	68.6	441.4	66.2	12.4	17.9	66.2	154.7	81.4	26.3
Hunner															
Notholca acuminata															
Hunner															
Notholca squamula															
Hunner															
Argonotholca foliacea			+		.7										
Hunner															
Euchlanis dilatata															
Hunner															
Lecane lunaris															
Hunner															
Lepadella sp.															
Hunner															
Colurella sp.														1.4	
Hunner															
Trichocerca pusilla															
Hunner															
Trichocerca similis															
Hunner															
Ascomorpha saltans															
Hunner															
Polyarthra major			+					1.4	2.8	17.9	46.9	71.7	21.3	30.0	5.6
Hunner															
Polyarthra vulgaris								.7	1.4	3.4	9.7	5.5	4.7	10.7	
Hunner															
Polyarthra dolichoptera															

Zooplankton individer/l	DATO														
	980303	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Hunner	1.9	12.9	40.0	17.3	8.6	7.4	4.3					2.8	6.0	3.6	10.0
<i>Polyarthra remata</i> Hunner			.7	2.7	1.3	1.4									
<i>Synchaeta</i> spp. Hunner	+	+	7.3	5.3	1.4	.7	.7	1.4			.7			+	3.8
<i>Asplanchna priodonta</i> Hunner	.2	+	3.0	3.0	118.5	138.3	102.7	482.2	.2		.5	.2	.3	2.0	9.0
<i>Testudinella truncata</i> Hunner		.6													.6
<i>Pompholyx sulcata</i> Hunner					.7		.7	4.1	27.6		2.1		1.3	1.4	.6
<i>Filinia longiseta</i> Hunner			.7							+					.6
<i>Conochilus unicornis</i> Hunner	+	3.2	2.7	85.3	528.6	709.0	514.3	455.2	4.1	30.3	44.1	510.3	266.7	42.9	35.6
<i>Collotheca</i> sp. Hunner											.7	.7			
Cladocera															
<i>Diaphanosoma brachyurum</i> Hunner									+	.2					
<i>Ceriodaphnia pulchella</i> Hunner								1.7			+				
<i>Daphnia cucullata</i> Hunner			+	.5	7.3	12.7	30.8	59.3	75.0	14.5	34.8	69.7	32.8	25.3	1.7
<i>Daphnia galeata</i> Hunner	+		+	1.0	5.0	11.3	10.8	43.0	10.0	4.0	4.0	20.5	8.3	7.3	10.0
<i>Daphnia hyalina</i> Hunner	1.0	3.3	9.0	13.5	16.3	12.0	11.7	32.8	3.2	1.3	.7	6.7	9.7	8.3	27.2
<i>Bosmina coregoni</i> Hunner	+	+	.3	1.0	5.3	5.7	9.0	9.7	5.0	1.3	1.3	1.5	1.2	.2	.2
<i>Bosmina longirostris</i> Hunner	.2	.7	1.0	1.5	12.7	83.0	648.0	87.0	1.0	.2			.5	.3	.3
<i>Alona costata</i> Hunner							.3	+							
<i>Alona quadrangularis</i> Hunner	.2	1.0	1.3	.7		.2							.2		+
<i>Chydorus sphaericus</i> Hunner	+			.2	.5	.2	.2		+	.2	.7	.8	.2	+	+
<i>Pleuroxus uncinatus</i> Hunner	+														+
<i>Leptodora kindtii</i>															

Zooplancton SUM individer/l	DATO													
	980303	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012
67.5	86.9	388.5	363.8	985.0	1626.6	1915.9	2042.9	776.2	507.0	443.6	1182.1	857.2	379.5	209.1
4.0	18.2	55.7	119.7	667.1	904.2	709.1	1449.1	137.6	66.4	124.6	689.1	495.7	192.7	114.2
1.3	5.0	11.7	18.3	47.2	125.5	711.0	234.8	94.3	22.8	41.8	99.3	53.3	41.7	40.0
2.3	4.2	2.3	2.2	4.8	9.4	34.8	66.5	97.4	33.7	13.6	34.1	31.0	18.5	24.9
59.9	59.4	318.8	222.8	266.0	587.6	461.0	292.6	446.9	384.1	262.8	359.5	276.5	126.7	29.9
			.8							.7		.7		.2
Herpacticoida														

+: til stede

Zooplankton Biomasse (C) - procentvis sammensætning	DATO														
	980303	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Taxonomisk gruppe															
Rotatoria															
Brachionus angularis		.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Brachionus calyciflorus				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Brachionus urceolaris				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Keratella cochlearis				.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0
Keratella cochlearis tecta			.0												
Keratella quadrata									.0						
Anuraeopsis fissa	.0				.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0
Kellikottia longispina	.0														
Notholca acuminata															
Notholca squamula							.0								
Argonotholca foliaceae				.0									.0		
Lecane lunaris															
Lepadella sp.													.0		
Colurella sp.															
Trichocerca pusilla									.0						
Trichocerca similis				.0				.0	.0	.2	.3	.3	.1	.3	.1
Ascomorpha saltans							.0	.0	.0	.0	.0	.0	.0	.0	.0
Polyarthra major				.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Polyarthra vulgaris	.0	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
Polyarthra dolichoptera			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Polyarthra remata			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Synchaeta spp.	.0	.0	.5	.6	16.7	10.7	3.9	16.4	.0	.0	.0	.0	.0	.2	1.3
Asplanchna priodonta					.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
Testudinella truncata															
Pompholyx sulcata					.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
Filinia longisetata				.4	1.5	1.0	.4	.3	.0	.1	.1	.5	.2	.1	.1
Conochilus unicornis											.0	1.0			
Collotheca sp.															
Cladocera															
Diaphanosoma brachyurum										.0					
Ceriodaphnia pulchella				.7	7.3	8.0	12.6	27.0	53.9	23.7	43.7	43.6	27.8	42.1	6.7
Daphnia cucullata			.5	.5	2.4	6.0	3.3	11.1	3.7	5.3	2.2	4.5	2.4	4.4	13.6
Daphnia galeata			19.8	13.0	13.0	8.1	4.4	12.7	2.5	2.4	1.0	3.3	4.0	10.0	48.5
Daphnia hyalina			.3	.3	1.9	.7	.7	.8	.3	.2	.2	.1	.1	.1	.0
Bosmina coregoni			.3	.3	1.8	5.2	30.2	3.5	.0	.0	.0	.0	.0	.1	.0
Bosmina longirostris	.1	.1	.3	.3	1.8	5.2	30.2	3.5	.0	.0	.0	.0	.0	.1	.0
Alona costata						.0									
Alona quadrangularis	.1	1.0	.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Chydorus sphaericus															
Leptodora kindtii															
Calanoida															
Eudiaptomus spp.	.6	.2	.1	.3	.6	.3	1.3	3.1	.8	.0	.9	1.0	1.0	2.0	4.6
Eudiaptomus gracilis	.4	1.5	.4	.2	1.3	.5	.8	7.2	4.8	2.2	.4	2.9	3.5	5.7	9.6
Calanoida naupliar				.2	.2	.5	1.0	.7	3.7	3.2	.5	.8	.6	.5	1.7

Zooplankton Biomasse (C) - procentvis sammensætning	DATO														
	980303	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
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
Taxonomisk gruppe															
Rotatoria	.0	.4	1.0	1.2	18.2	11.8	4.4	17.1	.1	.3	.4	.8	.4	.8	1.8
Cladocera	5.5	13.6	25.6	21.9	26.5	28.0	51.3	55.2	60.5	33.5	47.5	51.5	34.4	56.7	68.9
Calanoïda	1.0	1.6	.4	.5	2.1	1.3	3.1	11.1	9.2	5.5	1.8	4.8	5.1	8.2	15.9
Cyclopoïda	93.4	84.4	73.0	76.1	53.2	58.8	41.2	16.7	30.2	60.7	50.2	42.9	60.2	34.4	13.0
Herpacticoida				.3							.0	.0	.0		.4

Zooplankton Volumenbiomasse procentvis sammensætning	DATO														
	980303	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Taxonomisk gruppe															
Rotatoria															
Brachionus angularis		.0			.0	.0			.0						.0
Brachionus calyciflorus				.0				.0						.0	
Brachionus urceolaris				.0										.0	
Keratella cochlearis				.0				.1						.0	
Keratella cochlearis tecta				.0										.0	
Keratella quadrata								.0						.1	
Anuraeopsis fissa	.0				.0	.0		.1						.1	
Kellikottia longispina	.0														
Notholca acuminata															
Notholca squamula									.0						
Argonotholca foliacea				.0											
Lecane lunaris															
Lepadella sp.															
Colurella sp.															
Trichocerca pusilla															
Trichocerca similis					.0										
Ascomorpha saltans								.0						.4	.1
Polyarthra major								.0						.0	
Polyarthra vulgaris		.3	.5	.2	.0	.0	.0	.0	.0	.2	.4	.4	.1	.4	.1
Polyarthra dolichoptera	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Polyarthra remata					.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Synchaeta spp.	.1	.0	1.5	1.9	38.3	27.1	11.2	38.0	.0	.0	.1	.0	.0	.5	4.1
Asplanchna priodonta					.0										
Testudinella truncata					.0										
Pompholyx sulcata					.0										
Filinia longiseta		.1	.0	.5	1.3	1.0	.5	.3	.0	.1	.1	.6	.2	.1	.1
Conochilus unicornis															
Collotheca sp.															
Cladocera															
Diaphanosoma brachyurum															
Ceriodaphnia pulchella															
Daphnia cucullata				.7	5.4	6.5	11.6	20.0	.0	23.7	43.6	43.5	27.8	41.9	6.5
Daphnia galeata				.4	1.8	4.9	3.1	8.2	3.7	5.3	2.2	4.5	2.4	4.4	13.2
Daphnia hyalina				19.5	9.6	6.6	4.0	9.4	2.5	2.4	1.0	3.3	4.0	10.0	47.1
Bosmina coregoni				.3	1.4	.6	.7	.6	.3	.2	.2	.1	.1	.1	.0
Bosmina longirostris	.1	.1	.3	.3	1.3	4.3	27.9	2.6	.0	.0	.0	.0	.0	.1	.0
Alona costata				.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Alona quadrangularis				.0											
Chydorus sphaericus															
Leptodora kindtii															
Calanoida															
Eudiaptomus spp.		.2	.1	.3	.4	.2	1.2	2.3	.8	.0	.9	1.0	1.0	2.0	4.5
Eudiaptomus gracilis	.6				1.0	.4	.7	5.3	4.8	2.2	.4	2.9	3.5	5.7	9.3
Calanoida naupliar	.4	1.5	.4	.2	.2	.4	.9	.5	3.7	3.2	.5	.8	.6	.5	1.7

Zooplankton Volumenbiomasse procentvis sammensætning	DATO														
	980303	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
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
Taxonomisk gruppe															
Rotatoria	.1	.5	2.1	2.6	39.7	28.3	11.8	38.6	.2	.3	.6	1.0	.5	1.3	4.6
Cladocera	5.5	13.6	25.4	21.6	19.5	22.8	47.3	40.8	60.4	33.5	47.5	51.4	34.3	56.4	66.9
Calanoida	1.0	1.6	.4	.5	1.6	1.1	2.9	8.2	9.2	5.5	1.8	4.8	5.1	8.2	15.5
Cyclopoida	93.4	84.3	72.1	75.0	39.2	47.9	38.0	12.4	30.2	60.7	50.1	42.8	60.1	34.2	12.6
Herpacticoida				.3							.0		.0		.4

Arternes spesifikke volumener i 10 ⁻³ µm ³ /individ = 10 ⁻³ µg vådvægt/individ	DATO														
	980303	980331	980423	980430	980514	980526	980615	980707	980728	980817	980901	980917	980930	981012	981104
Taxonomisk gruppe															
Rotatoria															
Brachionus angularis		2062.5			211.4	501.1			5659.5						5659.5
Brachionus calyciflorus			844.5												
Brachionus urceolaris			30.1		37.6	35.4	30.1	34.3	26.8	30.1	26.4	33.4	38.0	36.1	35.0
Keratella cochlearis						19.0									
Keratella cochlearis tecta					64.7.3	784.3	796.8	723.3	684.9	417.8	739.3	739.3	652.4	652.4	568.7
Keratella quadrata									14.2						
Anuraeopsis fissa															
Kellikottia longispina	87.7														
Notholca acuminata	76.9														
Notholca squamula				102.4											
Argonotholca foliacea													160.2		
Lecane lunaris															
Lepadella sp.															
Colurella sp.							112.5							112.5	
Trichocerca pusilla															
Trichocerca similis									133.7						
Ascomorpha saltans				579.2											
Polyarthra major															
Polyarthra vulgaris															
Polyarthra dolichoptera	406.2	562.5	607.0	485.9	333.7	393.8	477.7	1035.0	967.8	936.5	868.9	985.7	1012.6	940.9	970.3
Polyarthra remata			84.6	130.8	720.7	115.4	146.2	676.7	493.3	330.1	437.8	336.2	624.3	603.3	544.2
Synchaeta spp.			79.2	370.2	31579	25666	20878	21303	18287	14720	14397	11650	386.3	507.9	544.2
Asplanchna priodonta	15852	334.1	23201	31099											
Testudinella truncata															
Pompholyx sulcata															
Filinia longiseta			380.1												
Conochilus unicornis		379.4	395.1	269.0	248.0	190.9	187.4	180.3	162.5	191.4	204.0	215.9	159.3	200.4	164.1
Collotheca sp.															
Cladocera															
Diaphanosoma brachyurum															
Ceriodaphnia pulchella															
Daphnia cucullata															
Daphnia galeata															
Daphnia hyalina	189770	80777	126680	67659	71821	67329	72076	91021	123410	131320	142980	88704	131820	120800	134255
Bosmina coregoni				22193	34257	60136	54000	51476	63364	106640	63185	41380	51948	43690	57462
Bosmina longirostris				72352	57355	65562	61063	67191	132910	146740	165090	92042	76508	61140	69785
Alona costata	14071	4546.7	14917	13947	25922	12751	14049	15725	11963	13394	19552	10252	12926	23875	9959.9
Alona quadrangularis				8926.6	10003	6721.2	10682	8077.2	4344.1	1859.3			13066	12073	4484.4
Chydorus sphaericus															
Leptodora kindtii	17475	20650	19625	28984	11890	11846	3028.6	12040	14064	90378	150820	10230	3560.5	20089	
Calanoida															
Eudiaptomus spp.															
Eudiaptomus gracilis	62069	9934.1	8170.8	21525	26161	23624	25391	25148	20892	4534.2	20643	26890	23716	23201	24586
					89282	82409	71354	70045	65320	60379	70447	69777	68591	72185	69593

Ørn SØ, 1998
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	11.768	100.0%	6.943	15.841	100.0%	6.943	5.773	100.0%	3.103
TAXONOMISKE GRUPPER									
Rotatoria	1.603	13.6%	10.432	2.518	15.9%	10.432	1.080	18.7%	3.880
Cladocera	4.902	41.7%	11.027	6.759	42.7%	11.027	1.185	20.5%	4.797
Calanoida	.614	5.2%	2.209	.826	5.2%	2.209	.067	1.2%	.262
Cyclopoïda	4.647	39.5%	11.033	5.737	36.2%	11.033	3.439	59.6%	6.560
Harpacticoida	.002	.0%	.015	.001	.0%	.014	.002	.0%	.015

Ørn SØ, 1998
 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	494.109	100.0%	255.536		653.933	100.0%	255.524	233.545	100.0%	119.394
TAXONOMISKE GRUPPER										
Rotatoria	25.278	5.1%	157.545		39.404	6.0%	157.545	17.085	7.3%	60.320
Cladocera	226.085	45.8%	508.625		311.752	47.7%	508.625	54.642	23.4%	221.277
Calanoida	28.318	5.7%	101.903		38.095	5.8%	101.903	3.110	1.3%	12.076
Cyclopoida	214.336	43.4%	508.894		264.615	40.5%	508.894	158.627	67.9%	302.596
Harpacticoida	.092	.0%	.712		.067	.0%	.652	.081	.0%	.702

Ørn Sø, 1998
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	.831	100.0%	.569	1.174	100.0%	.569	.508	100.0%	.362
TAXONOMISKE GRUPPER									
Rotatoria	.401	48.3%	1.449	.583	49.7%	1.449	.246	48.4%	.904
Cladocera	.119	14.3%	.711	.179	15.2%	.711	.036	7.1%	.301
Calanoida	.028	3.4%	.097	.038	3.2%	.097	.004	.8%	.017
Cyclopoidea	.283	34.1%	.588	.374	31.9%	.588	.222	43.7%	.588
Harpacticoida	.000	.0%	.001	.000	.0%	.001	.000	.0%	.001

Ørn Sø, 1998
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	1339.052	100.0%	692.506	1772.181	100.0%	692.474	632.910	100.0%	323.562
TAXONOMISKE GRUPPER									
Rotatoria	68.505	5.1%	426.952	106.785	6.0%	426.952	46.300	7.3%	163.469
Cladocera	612.700	45.8%	1378.410	844.860	47.7%	1378.410	148.080	23.4%	599.666
Calanoida	76.743	5.7%	276.158	103.238	5.8%	276.158	8.429	1.3%	32.727
Cyclopoida	580.856	43.4%	1379.082	717.116	40.5%	1379.082	429.882	67.9%	820.047
Harpacticoida	.248	.0%	1.929	.182	.0%	1.766	.219	.0%	1.902

