BIOLOGISKE DATA
RAVN SØ 1997

FYTOPLANKTON

DATALISTER 1997

Ravn Sø 1996

Fytoplankton µgC/l	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
Taxonomisk gruppe															
Cyanophyta															
Woronichinia naegeliana									3.2	4.7	8.9	15.7	15.4	7.2	8.3
Snowella lacustris								3.4							
Anabaena Lemmermannii									.5						
Aphanizomenon flos-aquae	2.1		2.5	2.5				1.0	2.5	4.4	8.6	11.1	2.8		
Lyngbya sp.												7.9	13.4	4.1	2.3
Planktolyngbya subtilis	1.4	1.2	.4	.4											
Ubestemte kolonidannende cyanobakterier		12.2													
Cryptophyceae															
Cryptomonas spp. (20-30µm)							34.1	16.1	37.7	20.6	63.0	32.0	34.5		
Cryptophyceae spp. (5-10 µm)			11.9	89.2	42.9	17.9	14.2			13.5	5.2				
Cryptophyceae spp. (10-15 µm)											23.0				
Dinophyceae															
Ceratium hirundinella			1.6	2.0	10.2	18.8	383.5	9.6	14.5	31.9	47.4	150.6	141.9	.6	
Ceratium hirundinella (cyste)													5.1		
Diplopsalis acuta											1.9	2.7	9.5	.4	
Gymnodinium helveticum	.1	1.3	43.1	11.7	.1				.4		.3	.1	.4	.9	.4
Peridiniopsis polonicum									1.1	2.3	1.2				
Peridinium cinctum					.8			5.4	2.2	.8	2.5	5.8	10.8		
Peridinium spp.								1.5	2.5		1.9	1.4	.8		
Nøgne furealger (A) (20-50 µm)			3.7												
Chrysophyceae															
Dinobryon divergens											49.0	39.7			
Diatomophyceae															
Aulacoseira italica	19.4	134.6	145.0	11.3										2.9	13.6
Centriske kiselalger spp. (< 10 µm)						14.7					7.4				
Centriske kiselalger spp. (10-20 µm)		18.1	97.7												
Asterionella formosa				3.3				10.9							
Diatoma elongatum												144.6			
Fragilaria crotonensis												50.7	131.1		
Synedra acus			.9	.4	.5			.2	37.7						
Pennate kiselalger spp. (20-30 µm)					17.8	21.0									
Pennate kiselalger spp. (50-100 µm)											17.4				
Prymnesiophyceae															
Prymnesiophyceae spp.				16.2				19.5	22.4	36.7					
Prasinophyceae															
Carteria sp.									12.6		20.1				
Chlorophyceae															
Ankyra judayi							1.1								
Closterium acutum								.1	2.2	1.6	.5				

(fortsættes)

Ravn Sø 1996

Fytoplankton µgC/l	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
Closterium aciculare									.3	2.5	5.0				
Staurastrum paradoxum								85.4	150.8	117.5	28.9	22.9			
Mougeotia sp.												29.8	13.9		

Ravn Sø 1996

Fytoplankton SUM µgC/l	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
GRAND TOTAL	23.0	167.3	306.7	137.1	72.3	72.3	433.0	153.2	290.6	236.6	291.8	515.2	379.6	16.1	24.5
Taxonomisk gruppe															
Cyanophyta	3.5	13.4	2.8	2.9				4.4	6.1	9.1	17.4	34.7	31.6	11.3	10.6
Cryptophyceae			11.9	89.2	42.9	17.9	48.3	16.1	37.7	34.1	91.1	32.0	34.5		
Dinophyceae	.1	1.3	48.4	13.8	11.1	18.8	383.5	16.6	20.7	35.0	55.1	160.7	168.6	1.9	.4
Chrysophyceae											49.0	39.7			
Diatomophyceae	19.4	152.7	243.6	15.0	18.3	35.7		11.1	37.7		24.8	195.3	131.1	2.9	13.6
Prymnesiophyceae				16.2				19.5	22.4	36.7					
Prasinophyceae									12.6		20.1				
Chlorophyceae							1.1	85.5	153.3	121.6	34.3	52.8	13.9		

Ravn Sø 1996

Fytoplankton volumenbiomasse mm3/l = mg vådvægt/l	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
Taxonomisk gruppe															
Cyanophyta															
Woronichinia naegeliana									.0290	.0426	.0806	.1429	.1400	.0656	.0754
Snowella lacustris								.0309							
Anabaena Lemmermannii									.0045						
Aphanizomenon flos-aquae	.0191		.0224	.0225				.0090	.0223	.0404	.0779	.1008	.0254		
Lyngbya sp.												.0718	.1218	.0374	.0207
Planktolyngbya subtilis	.0126	.0108	.0035	.0035											
Ubestemte kolonidannende cyanobakterier		.1110													
Cryptophyceae															
Cryptomonas spp. (20-30µm)							.3101	.1461	.3431	.1873	.5724	.2912	.3132		
Cryptophyceae spp. (5-10 µm)			.1079	.8114	.3899	.1626	.1291			.1226	.0469				
Cryptophyceae spp. (10-15 µm)											.2087				
Dinophyceae															
Ceratium hirundinella			.0120	.0157	.0783	.1445	2.9502	.0741	.1112	.2455	.3643	1.1585	1.0915	.0048	
Ceratium hirundinella (cyste)													.0467		
Diplopsalis acuta											.0147	.0205	.0731	.0030	
Gymnodinium helveticum	.0008	.0117	.3922	.1065	.0011				.0033		.0025	.0012	.0033	.0084	.0035
Peridiniopsis polonicum									.0085	.0176	.0089				
Peridinium cinctum					.0060			.0416	.0173	.0063	.0191	.0449	.0834		
Peridinium spp.								.0116	.0193		.0143	.0109	.0063		
Nøgne furealger (A) (20-50 µm)			.0337												
Chrysophyceae															
Dinobryon divergens											.4451	.3610			
Diatomophyceae															
Aulacoseira italica	.1762	1.2235	1.3179	.1030										.0262	.1232
Centriske kiselalger spp. (< 10 µm)						.1335					.0669				
Centriske kiselalger spp. (10-20 µm)		.1643	.8886												
Asterionella formosa				.0304				.0990							
Diatoma elongatum												1.3148			
Fragilaria crotonensis												.4611	1.1921		
Synedra acus			.0078	.0034	.0042			.0021	.3430						
Pennate kiselalger spp. (20-30 µm)					.1622	.1908									
Pennate kiselalger spp. (50-100 µm)											.1585				
Prymnesiophyceae															
Prymnesiophyceae spp.				.1473				.1772	.2039	.3335					
Prasinophyceae															
Carteria sp.									.1142		.1827				
Chlorophyceae															
Ankyra judayi							.0104								
Closterium acutum								.0011	.0201	.0146	.0042				

(fortsættes)

Ravn Sø 1996

Fytoplankton volumenbiomasse mm3/l = mg vådvægt/l	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
Closterium aciculare									.0025	.0230	.0452				
Staurastrum paradoxum								.7764	1.3709	1.0681	.2626	.2086			
Mougeotia sp.												.2712	.1264		

Ravn Sø 1996

Fytoplankton volumenbiomasse SUM mm3/l = mg vådvægt/l	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
GRAND TOTAL	.209	1.521	2.786	1.244	.642	.631	3.400	1.369	2.613	2.102	2.576	4.459	3.223	.145	.223
Taxonomisk gruppe															
Cyanophyta	.032	.122	.026	.026				.040	.056	.083	.159	.315	.287	.103	.096
Cryptophyceae			.108	.811	.390	.163	.439	.146	.343	.310	.828	.291	.313		
Dinophyceae	.001	.012	.438	.122	.085	.144	2.950	.127	.160	.269	.424	1.236	1.304	.016	.004
Chrysophyceae											.445	.361			
Diatomophyceae	.176	1.388	2.214	.137	.166	.324		.101	.343		.225	1.776	1.192	.026	.123
Prymnesiophyceae				.147				.177	.204	.334					
Prasinophyceae									.114		.183				
Chlorophyceae							.010	.778	1.393	1.106	.312	.480	.126		

Fytoplankton individer/ml	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
Taxonomisk gruppe															
Cyanophyta															
Woronichinia naegeliana	+	+	+	+	+	+	+	+	.3	.4	.9	1.6	1.8	1.5	1.2
Snowella sp.						+									
Snowella lacustris	+	+		+	+	+	+	22.0	+	+	+		+	+	+
Microcystis aeruginosa										+	+	+			
Microcystis viridis								+			+	+	+		
Microcystis wesenbergii										+			+		+
Anabaena Lemmermannii					+	+	+		2.9	+	+				
Aphanizomenon flos-aquae	9.8	+	10.2	13.6	+		+	7.1	13.2	36.5	61.3	101.3	20.8	+	+
Lyngbya sp.											+	40.2	64.4	23.0	13.2
Planktolyngbya subtilis	16.8	11.6	4.0	4.2	+	+		+					+		
Ubestemte kolonidannende cyanobakterier		453.1	+												
Cryptophyceae															
Cryptomonas spp. (20-30µm)		+	+	+	+		181.5	125.1	242.2	142.8	386.4	212.2	206.2	+	
Cryptophyceae spp. (< 5 µm)													+		
Cryptophyceae spp. (5-10 µm)	+		995.5	4894.5	8040.5	3203.4	1671.9	+	+	2022.9	867.9		+	+	+
Cryptophyceae spp. (10-15 µm)	+										759.4				
Cryptophyceae spp. (15-20 µm)										+					
Dinophyceae															
Ceratium hirundinella			.2	.3	1.0	2.5	42.8	1.5	1.7	5.4	8.6	25.5	22.6	.1	
Ceratium hirundinella (cyste)		+		+					+				1.2	+	+
Diplopsalis acuta										+	.5	.7	2.0	.1	
Gymnodinium helveticum	.1	1.6	47.0	12.2	.1				.3		.2	.1	.3	.7	.6
Peridiniopsis polonicum								+	.4	1.1	.5				
Peridinium cinctum					.1		+	1.0	.4	.2	.5	1.0	2.1	+	
Peridinium spp.								.5	1.2	+	1.9	1.6	.6		
Nøgne furealger (A) (20-50 µm)			4.4												
Thekate furealger (A) (10-20 µm)			+	+											
Thekate furealger (A) (20-50 µm)										+					
Chrysophyceae															
Dinobryon divergens										+	1579.4	1247.6	+		
Synurophyceae															
Mallomonas sp.			+	+					+	+	+				
Mallomonas akrokomos		+	+												
Synura sp.														+	
Diatomophyceae															
Melosira varians		+	+	+											
Aulacoseira italica	319.1	4020.3	3962.8	338.3	+	+	+		+			+		69.6	358.6
Aulacoseira italica var. tenuissima		+													
Stephanodiscus rotula		+		+			+	+						+	+

+: til stede

(fortsættes)

Ravn Sø 1996

Fytoplankton individer/ml	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
Centriske kiselalger spp. (< 10 µm)	+	+	+		+	823.2		+	+		347.8			+	+
Centriske kiselalger spp. (10-20 µm)		110.1	480.5	+		+				+		+		+	+
Centriske kiselalger spp. (20-30 µm)	+														
Asterionella formosa		+	+	64.0	+		+	194.8	+	+		+	+	+	+
Diatoma elongatum		+	+	+	+			+	+	+	+	983.0	+		
Fragilaria sp.			+				+		+						
Fragilaria crotonensis		+	+	+			+	+	+	+	+	458.9	1155.2	+	+
Nitzschia acicularis			+								+		+	+	
Synedra acus		+	6.2	2.8	3.6			2.5	289.3	+	+	+			
Synedra ulna							+								
Pennate kiselalger spp. (20-30 µm)					536.0	733.9									
Pennate kiselalger spp. (50-100 µm)											338.3	+	+		
Prymnesiophyceae															
Prymnesiophyceae spp.		+	+	4403.1	+	+	+	6030.4	11882	11710	+		+		
Euglenophyceae															
Euglena sp.		+	+												
Trachelomonas sp.			+												
Prasinophyceae															
Carteria sp.									104.1	+	134.8	+			
Chlorophyceae															
Pandorina morum								+	+	+	+				
Volvocale grønalger spp. (> 10 µm)									+				+		
Paulschulzia tenera						+	+	+					+	+	
Coelastrum microporum												+		+	
Coelastrum astroideum									+		+	+	+	+	+
Coelastrum indicum						+	+		+		+	+			
Oocystis sp.				+		+	+	+	+				+	+	
Pediastrum boryanum					+		+		+			+	+	+	
Pediastrum duplex						+		+	+	+	+	+	+	+	
Scenedesmus obtusus									+		+	+	+		
Scenedesmus spp.			+		+			+	+	+		+		+	+
Sphaerocystis schroeteri/Eutetramorus fottii						+									
Monoraphidium sp.		+													
Monoraphidium contortum		+	+								+	+	+	+	
Ankyra judayi							162.2	+	+	+	+	+			
Elakatothrix genevensis		+	+	+	+	+		+	+	+		+		+	
Closterium sp.											+				

+: til stede

(fortsættes)

Ravn Sø 1996

Fytoplankton individer/ml	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
Closterium acutum	+	+	+	+	+	+		6.9	110.3	67.5	19.5		+	+	+
Closterium aciculare		+		+				+	5.8	36.1	52.9	+	+	+	+
Staurastrum paradoxum		+	+		+	+	+	44.0	76.0	58.1	14.7	15.5		+	+
Cosmarium sp.		+	+	+	+	+	+						+		
Mougeotia sp.							+		+	+	+	550.5	276.3		+
Ubestemte eller fåtallige celler															
Ubestemte flagellater (A) (< 5 µm)	+	+					+		+		+	+	+		+
Ubestemte flagellater (A) (5-10 µm)	+	+					+							+	
Zoomastigophora															
Choanoflagellater spp.									+	+	+	+			+
Ubestemte flagellater (H) (5-10 µm)													+		

+: til stede

Ravn Sø 1996

Fytoplankton SUM individer/ml	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
GRAND TOTAL	345.8	4596.7	5510.8	9733.1	8581.4	4763.0	2058.4	6435.8	12730	14081	4575.4	3639.7	1753.4	95.0	373.6
Taxonomisk gruppe															
Cyanophyta	26.6	464.7	14.2	17.8				29.1	16.4	36.9	62.2	143.1	87.0	24.5	14.4
Cryptophyceae			995.5	4894.5	8040.5	3203.4	1853.4	125.1	242.2	2165.7	2013.6	212.2	206.2		
Dinophyceae	.1	1.6	51.6	12.5	1.2	2.5	42.8	3.0	4.0	6.7	12.2	28.9	28.8	.9	.6
Chrysophyceae											1579.4	1247.6			
Synurophyceae															
Diatomophyceae	319.1	4130.4	4449.5	405.2	539.6	1557.1		197.3	289.3		686.1	1441.8	1155.2	69.6	358.6
Prymnesiophyceae				4403.1				6030.4	11882	11710					
Euglenophyceae															
Prasinophyceae									104.1		134.8				
Chlorophyceae							162.2	50.9	192.1	161.8	87.1	566.0	276.3		
Ubestemte eller fåtallige celler															
Zoomastigophora															

Fytoplankton Biomasse (C) - procentvis sammensætning	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
Taxonomisk gruppe															
Cyanophyta															
Woronichinia naegeliana									1.1	2.0	3.0	3.1	4.1	44.7	33.8
Snowella lacustris								2.2							
Anabaena Lemmermannii									.2						
Aphanizomenon flos-aquae	9.2		.8	1.8				.6	.8	1.9	2.9	2.2	.7		
Lyngbya sp.												1.5	3.5	25.5	9.3
Planktolyngbya subtilis	6.0	.7	.1	.3											
Ubestemte kolonidannende cyanobakterier		7.3													
Cryptophyceae															
Cryptomonas spp. (20-30µm)							7.9	10.5	13.0	8.7	21.6	6.2	9.1		
Cryptophyceae spp. (5-10 µm)			3.9	65.1	59.3	24.7	3.3			5.7	1.8				
Cryptophyceae spp. (10-15 µm)											7.9				
Dinophyceae															
Ceratium hirundinella			.5	1.5	14.1	26.0	88.6	6.3	5.0	13.5	16.2	29.2	37.4	3.8	
Ceratium hirundinella (cyste)													1.4		
Diplopsalis acuta											.7	.5	2.5	2.4	
Gymnodinium helveticum	.4	.8	14.1	8.5	.2				.1		.1	.0	.1	5.7	1.6
Peridiniopsis polonicum									.4	1.0	.4				
Peridinium cinctum					1.1			3.5	.8	.3	.9	1.1	2.9		
Peridinium spp.								1.0	.9		.6	.3	.2		
Nøgne furealger (A) (20-50 µm)			1.2												
Chrysophyceae															
Dinobryon divergens											16.8	7.7			
Diatomophyceae															
Aulacoseira italica	84.4	80.4	47.3	8.3										17.9	55.3
Centriske kiselalger spp. (< 10 µm)						20.3					2.5				
Centriske kiselalger spp. (10-20 µm)		10.8	31.9												
Asterionella formosa				2.4				7.1							
Diatoma elongatum												28.1			
Fragilaria crotonensis												9.8	34.5		
Synedra acus			.3	.3	.6			.2	13.0						
Pennate kiselalger spp. (20-30 µm)					24.7	29.0									
Pennate kiselalger spp. (50-100 µm)											6.0				
Prymnesiophyceae															
Prymnesiophyceae spp.				11.8				12.7	7.7	15.5					
Prasinophyceae															
Carteria sp.									4.3		6.9				
Chlorophyceae															
Ankyra judayi							.3								
Closterium acutum								.1	.8	.7	.2				

(fortsættes)

Ravn Sø 1996

Fytoplankton Biomasse (C) - procentvis sammensætning	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
Closterium aciculare									.1	1.1	1.7				
Staurastrum paradoxum								55.8	51.9	49.7	9.9	4.5			
Mougeotia sp.												5.8	3.7		

Ravn Sø 1996

Fytoplankton Biomasse (C) - procentvis sammensætning	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
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															
Cyanophyta	15.2	8.0	.9	2.1				2.9	2.1	3.9	6.0	6.7	8.3	70.2	43.1
Cryptophyceae			3.9	65.1	59.3	24.7	11.2	10.5	13.0	14.4	31.2	6.2	9.1		
Dinophyceae	.4	.8	15.8	10.0	15.3	26.0	88.6	10.8	7.1	14.8	18.9	31.2	44.4	12.0	1.6
Chrysophyceae											16.8	7.7			
Diatomophyceae	84.4	91.2	79.4	11.0	25.3	49.3		7.3	13.0		8.5	37.9	34.5	17.9	55.3
Prymnesiophyceae				11.8				12.7	7.7	15.5					
Prasinophyceae									4.3		6.9				
Chlorophyceae							.3	55.8	52.8	51.4	11.8	10.2	3.7		

Ravn Sø 1996

Fytoplankton Volumenbiomasse procentvis sammensætning	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
Taxonomisk gruppe															
Cyanophyta															
Woronichinia naegeliana									1.1	2.0	3.1	3.2	4.3	45.1	33.8
Snowella lacustris								2.3							
Anabaena Lemmermannii									.2						
Aphanizomenon flos-aquae	9.2		.8	1.8				.7	.9	1.9	3.0	2.3	.8		
Lyngbya sp.												1.6	3.8	25.7	9.3
Planktolyngbya subtilis	6.0	.7	.1	.3											
Ubestemte kolonidannende cyanobakterier		7.3													
Cryptophyceae															
Cryptomonas spp. (20-30µm)							9.1	10.7	13.1	8.9	22.2	6.5	9.7		
Cryptophyceae spp. (5-10 µm)			3.9	65.2	60.8	25.8	3.8			5.8	1.8				
Cryptophyceae spp. (10-15 µm)											8.1				
Dinophyceae															
Ceratium hirundinella			.4	1.3	12.2	22.9	86.8	5.4	4.3	11.7	14.1	26.0	33.9	3.3	
Ceratium hirundinella (cyste)													1.4		
Diplopsalis acuta											.6	.5	2.3	2.1	
Gymnodinium helveticum	.4	.8	14.1	8.6	.2				.1		.1	.0	.1	5.8	1.6
Peridiniopsis polonicum									.3	.8	.3				
Peridinium cinctum					.9			3.0	.7	.3	.7	1.0	2.6		
Peridinium spp.								.8	.7		.6	.2	.2		
Nøgne furealger (A) (20-50 µm)			1.2												
Chrysophyceae															
Dinobryon divergens											17.3	8.1			
Diatomophyceae															
Aulacoseira italica	84.4	80.4	47.3	8.3										18.1	55.3
Centriske kiselalger spp. (< 10 µm)						21.1					2.6				
Centriske kiselalger spp. (10-20 µm)		10.8	31.9												
Asterionella formosa				2.4				7.2							
Diatoma elongatum												29.5			
Fragilaria crotonensis												10.3	37.0		
Synedra acus			.3	.3	.7			.2	13.1						
Pennate kiselalger spp. (20-30 µm)					25.3	30.2									
Pennate kiselalger spp. (50-100 µm)											6.2				
Prymnesiophyceae															
Prymnesiophyceae spp.				11.8				12.9	7.8	15.9					
Prasinophyceae															
Carteria sp.									4.4		7.1				
Chlorophyceae															
Ankyra judayi							.3								
Closterium acutum								.1	.8	.7	.2				

(fortsættes)

Ravn Sø 1996

Fytoplankton Volumenbiomasse procentvis sammensætning	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
Closterium aciculare									.1	1.1	1.8				
Staurastrum paradoxum								56.7	52.5	50.8	10.2	4.7			
Mougeotia sp.												6.1	3.9		

Ravn Sø 1996

Fytoplankton Volumenbiomasse procentvis sammensætning	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
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															
Cyanophyta	15.2	8.0	.9	2.1				2.9	2.1	4.0	6.2	7.1	8.9	70.8	43.1
Cryptophyceae			3.9	65.2	60.8	25.8	12.9	10.7	13.1	14.7	32.1	6.5	9.7		
Dinophyceae	.4	.8	15.7	9.8	13.3	22.9	86.8	9.3	6.1	12.8	16.5	27.7	40.5	11.1	1.6
Chrysophyceae											17.3	8.1			
Diatomophyceae	84.4	91.2	79.5	11.0	25.9	51.4		7.4	13.1		8.8	39.8	37.0	18.1	55.3
Prymnesiophyceae				11.8				12.9	7.8	15.9					
Prasinophyceae									4.4		7.1				
Chlorophyceae							.3	56.8	53.3	52.6	12.1	10.8	3.9		

Ravn Sø 1996 - Fytoplankton

Arternes specifikke volumener i 10+3 µm3/individ = 10-3 µg vådvægt/individ	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
Taxonomisk gruppe															
Cyanophyta															
Woronichinia naegeliana									96691	106583	89588	89320	77767	43712	62798
Snowella lacustris								1405.2							
Anabaena Lemmermannii									1542.1						
Aphanizomenon flos-aquae	1954.1		2193.2	1650.9				1267.9	1688.6	1106.2	1271.5	995.3	1221.6		
Lyngbya sp.												1784.3	1890.8	1626.8	1569.8
Planktolyngbya subtilis	749.3	926.8	875.2	824.7											
Ubestemte kolonidannende cyanobakterier		245.0													
Cryptophyceae															
Cryptomonas spp. (20-30µm)							1708.4	1167.4	1416.3	1311.8	1481.5	1372.1	1519.0		
Cryptophyceae spp. (5-10 µm)			108.4	165.8	48.5	50.7	77.2			60.6	54.1				
Cryptophyceae spp. (10-15 µm)											274.8				
Dinophyceae															
Ceratium hirundinella			59818	52360	78322	57782	68922	49424	65431	45467	42363	45433	48298	47517	
Ceratium hirundinella (cyste)													38934		
Diplopsalis acuta											29322	29322	36542	30106	
Gymnodinium helveticum	7602.7	7293.4	8344.6	8730.1	10799				10886		12582	11708	11109	11960	5864.3
Peridiniopsis polonicum									21272	15979	17780				
Peridinium cinctum					59669			41601	43197	31491	38242	44925	39710		
Peridinium spp.								23223	16080		7549.2	6794.3	10567		
Nøgne furealger (A) (20-50 µm)			7662.6												
Chrysophyceae															
Dinobryon divergens											281.8	289.4			
Diatomophyceae															
Aulacoseira italica	552.2	304.3	332.6	304.3										377.0	343.6
Centriske kiselalger spp. (< 10 µm)						162.1					192.4				
Centriske kiselalger spp. (10-20 µm)		1492.3	1849.4												
Asterionella formosa				475.5				508.5							
Diatoma elongatum												1337.6			
Fragilaria crotonensis												1004.8	1032.0		
Synedra acus			1259.2	1181.2	1175.0			848.2	1185.6						
Pennate kiselalger spp. (20-30 µm)					302.5	260.0									
Pennate kiselalger spp. (50-100 µm)											468.5				
Prymnesiophyceae															
Prymnesiophyceae spp.				33.5				29.4	17.2	28.5					
Prasinophyceae															
Carteria sp.									1096.5		1355.4				
Chlorophyceae															
Ankyra judayi							64.2								

(fortsættes)

Ravn Sø 1996 - Fytoplankton

Arternes specifikke volumener i 10+3 µm3/individ = 10-3 µg vådvægt/individ	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
Closterium acutum								159.2	182.2	216.5	216.8				
Closterium aciculare									428.8	635.9	854.8				
Staurastrum paradoxum								17653	18032	18377	17866	13456			
Mougeotia sp.												492.6	457.4		

Ravn Sø 1996
Tidsvægtede gennemsnit - Fytoplankton, cellevolumen

mm3/l	Hele perioden			1/5 - 31/9			1/3 - 31/5		
	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum
GRAND TOTAL	1.647	100.0%	1.083	2.165	100.0%	1.063	1.232	100.0%	.466
TAXONOMISKE GRUPPER									
Cyanophyta	.093	5.6%	.316	.074	3.4%	.316	.057	4.6%	.122
Cryptophyceae	.232	14.1%	.828	.392	18.1%	.828	.192	15.6%	.811
Dinophyceae	.479	29.1%	2.950	.712	32.9%	2.950	.095	7.7%	.438
Chrysophyceae	.040	2.4%	.445	.075	3.5%	.445	.000	.0%	.000
Diatomophyceae	.537	32.6%	2.214	.429	19.8%	2.054	.864	70.1%	2.214
Prymnesiophyceae	.042	2.6%	.334	.079	3.6%	.334	.024	1.9%	.147
Prasinophyceae	.015	.9%	.183	.028	1.3%	.183	.000	.0%	.000
Chlorophyceae	.209	12.7%	1.394	.376	17.4%	1.394	.000	.0%	.000

Ravn Sø 1996
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	190.125	100.0%	126.490	251.687	100.0%	124.292	135.674	100.0%	51.353
TAXONOMISKE GRUPPER									
Cyanophyta	10.233	5.4%	34.705	8.188	3.3%	34.705	6.232	4.6%	13.392
Cryptophyceae	25.529	13.4%	91.084	43.065	17.1%	91.084	21.065	15.5%	89.249
Dinophyceae	61.587	32.4%	383.520	91.968	36.5%	383.520	10.769	7.9%	48.405
Chrysophyceae	4.395	2.3%	48.958	8.220	3.3%	48.958	.000	.0%	.000
Diatomophyceae	59.106	31.1%	243.573	47.166	18.7%	225.994	94.994	70.0%	243.573
Prymnesiophyceae	4.635	2.4%	36.689	8.668	3.4%	36.689	2.614	1.9%	16.205
Prasinophyceae	1.622	.9%	20.099	3.034	1.2%	20.099	.000	.0%	.000
Chlorophyceae	23.018	12.1%	153.290	41.378	16.4%	153.290	.000	.0%	.000

Ravn 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	4417.427	100.0%	3396.083	6740.936	100.0%	3316.626	4983.555	100.0%	2176.183
TAXONOMISKE GRUPPER									
Cyanophyta	80.031	1.8%	464.677	32.008	.5%	143.129	168.399	3.4%	464.677
Cryptophyceae	1330.636	30.1%	8040.527	2418.441	35.9%	8040.527	1867.620	37.5%	8040.527
Dinophyceae	11.798	.3%	51.600	15.646	.2%	48.592	9.939	.2%	51.600
Chrysophyceae	140.163	3.2%	1579.389	262.123	3.9%	1579.389	.000	.0%	.000
Diatomophyceae	1096.798	24.8%	4449.511	758.215	11.2%	4138.409	2227.412	44.7%	4449.511
Prymnesiophyceae	1659.444	37.6%	11882.110	3103.376	46.0%	11882.110	710.185	14.3%	4403.146
Prasinophyceae	11.847	.3%	134.801	22.156	.3%	134.801	.000	.0%	.000
Chlorophyceae	86.710	2.0%	566.050	128.971	1.9%	566.050	.000	.0%	.000

Ravn Sø 1996

Fytoplankton volumenbiomasse mm3/l = mg vådvægt/l	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
Størrelsesklasse															
<=20µm		.2753	.9965	.9587	.3899	.2960	.1291	.1772	.3225	.4966	1.2129	.3610	.0467		
21-50µm		.0117	.4259	.1065	.1632	.1908	.3101	.2302	.3914	.2112	.6320	.3238	.4794	.0114	.1267
>50µm	.2087	1.2343	1.3635	.1784	.0885	.1445	2.9606	.9618	1.8990	1.3938	.7308	3.7746	2.6972	.1340	.0961

Fytoplankton µgC/l	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
Størrelsesklasse															
<=20µm		30.3	109.6	105.5	42.9	32.6	14.2	19.5	35.5	54.6	133.4	39.7	5.1		
21-50µm		1.3	46.9	11.7	18.0	21.0	34.1	26.4	44.0	23.7	70.7	36.2	56.0	1.3	13.9
>50µm	23.0	135.8	150.2	19.9	11.4	18.8	384.7	107.3	211.1	158.2	87.7	439.3	318.5	14.8	10.6

Fytoplankton Volumenbiomasse procentvis sammensætning	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
Størrelsesklasse															
<=20µm		18.1	35.8	77.1	60.8	46.9	3.8	12.9	12.3	23.6	47.1	8.1	1.4		
21-50µm		.8	15.3	8.6	25.4	30.2	9.1	16.8	15.0	10.1	24.5	7.3	14.9	7.8	56.9
>50µm	100.0	81.1	48.9	14.3	13.8	22.9	87.1	70.2	72.7	66.3	28.4	84.6	83.7	92.2	43.1

Fytoplankton Biomasse (C) - procentvis sammensætning	DATO														
	960227	960417	960430	960513	960530	960612	960710	960724	960808	960821	960904	960919	961002	961107	961211
Størrelsesklasse															
<=20µm		18.1	35.7	76.9	59.3	45.0	3.3	12.7	12.2	23.1	45.7	7.7	1.4		
21-50µm		.8	15.3	8.5	24.8	29.0	7.9	17.2	15.1	10.0	24.2	7.0	14.7	8.1	56.9
>50µm	100.0	81.1	49.0	14.5	15.8	26.0	88.8	70.0	72.7	66.9	30.1	85.3	83.9	91.9	43.1

ZOOPLANKTON
DATALISTER 1997

Ravn Sø 1996

Zooplankton µg C/l	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
Taxonomisk gruppe																
Rotatoria																
Rotaria neptunia													.3			
Brachionus calyciflorus	.0	.0	.0		.0											
Brachionus urceolaris	.0															
Keratella cochlearis	.0	.0	.0	.1	.1	.1	.0	.0	.3	.2	.1	.2	.4	.9	.2	.1
Keratella cochlearis tecta											.0	.0	.0			.0
Keratella quadrata	.0	.0	.0	.1	.1	.1	.1	.2	.3	.0	.0	.0	.1	.1	.5	.1
Anuraeopsis fissa													.0			
Kellikottia longispina	.0	.0	.1	.3	.2	.4	.3	.3	.5	.2	.1	.6	.2	.1	.0	.0
Notholca squamula		.0														
Argonotholca foliacea				.0												
Lecane luna									.0	.0						
Lecane lunaris												.0		.0		
Lepadella sp.								.0								
Colurella sp.		.0						.0		.0						
Trichocerca birostris									.0	.0	.0	.0	.1	.1	.0	
Trichocerca pusilla												.0	.1	.4	.1	.0
Trichocerca rousseleti			.0									.0			.0	
Gastropus stylifer				.0												
Ascomorpha ovalis								.3	.0							
Ascomorpha saltans	.0	.3	.2	.0												
Polyarthra major										.1	1.2	.2	.1	.1	.1	
Polyarthra vulgaris		.0		.0	.0	.1	.0	.7	5.1	4.5	1.0	.2	.0	.1	.1	.0
Polyarthra dolichoptera		.0	.0	.2	.1	.2	.0		.0					.0	.0	
Polyarthra remata			.0	.0		.0		.1	.5	.2	.1			.0		
Synchaeta spp.	.1	.1	.2	.4	.0			.6	.2	.0	.1	1.0	.2	.2	.0	.0
Asplanchna priodonta			.1	1.3	1.8	.8		.1	2.3	.8	.0					
Pompholyx sulcata									.0							
Filinia longiseta	.2	.3	.3	.7	.7	.9	.7	.4	.3	.3	.3	.1	.0	.0	.0	.0
Conochilus unicornis		.0	.1	.3	2.0	3.1				.3	.2	.1				
Collotheca sp.		.0		.1		.3		.0	.1	.0	.0	.1			.0	
Uidentificeret hjuldyr sp. 1									.0							
Cladocera																
Diaphanosoma brachyurum					.1	.5	.3	.1	.3	.9	3.9	3.4	9.2	1.8	.1	
Sida crystallina						1.0										
Ceriodaphnia quadrangula						.0	.2	.1		.1	.2			.0		
Daphnia cucullata					5.8	97.7	535.1	184.2		8.6	8.5	3.4	30.4	55.0	213.8	88.8
Daphnia galeata						39.2	6.4	6.7			.1	.2	.8	2.0		
Daphnia hyalina		.1		.4	1.0	8.0	4.7	5.5	.4	.3	.9	.4		.1	.2	.1
Bosmina coregoni	.1		.1	.3	2.1	5.4	6.4	4.4	.9	1.1	.6	2.5	6.7	1.2	3.0	7.6
Bosmina longirostris				.2	1.7	2.5	8.4	2.3	2.2	2.6	5.7	12.9	3.7	.4	.2	
Acroperus harpae														.1		
Alona costata									.0							
Alonopsis elongata															.5	
Chydorus sphaericus					.0					.0						

(fortsættes)

Ravn Sø 1996

Zooplankton µg C/l	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
Graptoleberis testudinaria					.1											
Leptodora kindtii						.2		3.0	.3	.7	1.3	2.9	3.2	1.4		
Calanoida																
Eudiaptomus spp.	1.2	1.9	4.3	1.1	1.7	16.8	20.5	16.2	15.9	20.5	19.1	13.5	12.6	8.7	1.9	.4
Eudiaptomus gracilis	.2		.7	2.2	16.8	4.6	.6	.6	3.1	2.2	2.2	2.9	.5	.7	1.3	.5
Eudiaptomus graciloides	4.3	5.7	4.3	4.2	5.8	6.1	3.6	6.3	3.5	2.0	4.7	6.3	2.7	12.7	15.4	16.1
Eurytemora lacustris	4.4	1.4	2.6	3.0	7.9	11.1	13.4	8.7	1.0	5.9	4.1	7.3	4.1	.4	1.0	
Calanoide nauplier	2.1	1.3	2.2	7.6	14.8	39.2	2.6	1.3	5.3	4.2	3.6	3.8	1.9	3.7	.5	.7
Cyclopoida																
Paracyclops fimbriatus				.0												
Cyclops abyssorum	4.2	5.2	11.1	37.2	34.4	10.5	5.3	2.4	.9	.7	1.2		.4	.3	.6	.5
Cyclops vicinus	.5				.7	.6							.1			
Mesocyclops leuckarti	.1	.1	1.2	4.0	2.9	.9	.5	.1	.3	.4	1.1	4.8	7.1	9.5	2.7	
Thermocyclops oithonoides	.3	2.6	5.1	1.9	1.7	1.9	1.7	2.0	1.3	4.0	6.9	17.8	10.5	9.5	7.9	.9
Cyclopoide nauplier	2.5	10.2	13.9	9.0	6.2	13.3	11.0	7.4	6.3	9.9	28.3	25.0	21.4	18.3	6.0	1.9
Herpacticoida																
Canthocamptus staphylinus											.2					
Arachnidae																
Hydracarina indet.									.1	.1						

Ravn Sø 1996

Zooplankton SUM µg C/l	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
GRAND TOTAL	20.3	29.4	46.6	74.8	108.7	265.2	621.9	254.0	51.4	70.8	95.8	109.7	116.9	127.8	256.2	117.7
Taxonomisk gruppe																
Rotatoria	.4	.9	1.2	3.5	5.1	5.9	1.2	2.7	9.8	6.6	3.2	2.7	1.6	2.2	1.1	.3
Cladocera	.1	.1	.1	1.0	10.8	154.3	561.5	206.3	4.1	14.3	21.2	25.6	54.0	61.9	217.9	96.4
Calanoida	12.2	10.3	14.0	18.2	46.9	77.9	40.7	33.1	28.8	34.7	33.7	33.8	21.8	26.2	20.1	17.6
Cyclopoida	7.7	18.2	31.3	52.1	45.8	27.1	18.6	11.9	8.7	15.0	37.6	47.6	39.4	37.6	17.2	3.3
Herpacticoida											.2					
Arachnidae									.1	.1						

Ravn Sø 1996

Zooplankton volumenbiomasse mm3/l = mg vådvægt/l	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
Taxonomisk gruppe																
Rotatoria																
Rotaria neptunia													.0088			
Brachionus calyciflorus	.0003	.0005	.0004		.0002											
Brachionus urceolaris	.0005															
Keratella cochlearis	.0011	.0012	.0012	.0034	.0026	.0018	.0002	.0009	.0086	.0041	.0015	.0062	.0107	.0250	.0053	.0034
Keratella cochlearis tecta											.0000	.0000	.0000			.0000
Keratella quadrata	.0004	.0008	.0009	.0021	.0027	.0020	.0022	.0047	.0093	.0008	.0013	.0003	.0018	.0032	.0135	.0026
Anuraeopsis fissa													.0000			
Kellikottia longispina	.0009	.0012	.0035	.0075	.0042	.0104	.0086	.0089	.0128	.0058	.0037	.0159	.0058	.0037	.0004	.0001
Notholca squamula		.0001														
Argonotholca foliacea				.0001												
Lecane luna									.0001	.0002						
Lecane lunaris												.0000		.0001		
Lepadella sp.								.0000								
Colurella sp.		.0001						.0000		.0001						
Trichocerca birostris									.0011	.0002	.0004	.0010	.0030	.0022	.0002	
Trichocerca pusilla												.0002	.0035	.0122	.0022	.0003
Trichocerca rousseleti			.0001									.0001			.0001	
Gastropus stylifer				.0006												
Ascomorpha ovalis								.0080	.0001							
Ascomorpha saltans	.0004	.0092	.0055	.0002												
Polyarthra major										.0027	.0331	.0060	.0022	.0037	.0028	
Polyarthra vulgaris		.0002		.0004	.0003	.0020	.0013	.0176	.1381	.1216	.0273	.0066	.0005	.0024	.0026	.0006
Polyarthra dolichoptera		.0002	.0007	.0057	.0039	.0049	.0010		.0002					.0008	.0009	
Polyarthra remata			.0001	.0004		.0006		.0014	.0137	.0041	.0014			.0001		
Synchaeta spp.	.0016	.0017	.0052	.0103	.0007			.0167	.0065	.0010	.0037	.0280	.0066	.0045	.0006	.0003
Asplanchna priodonta			.0051	.0872	.1242	.0574		.0076	.1572	.0550	.0011					
Pompholyx sulcata									.0001							
Filinia longiseta	.0043	.0071	.0077	.0189	.0183	.0234	.0191	.0114	.0087	.0088	.0077	.0019	.0004	.0008	.0005	.0005
Conochilus unicornis		.0005	.0039	.0088	.0551	.0848				.0072	.0057	.0039				
Collotheca sp.		.0008		.0016		.0070		.0005	.0028	.0005	.0011	.0023			.0002	
Uidentificeret hjuldyr sp. 1									.0002							
Cladocera																
Diaphanosoma brachyurum					.0013	.0113	.0072	.0022	.0058	.0187	.0848	.0736	.1993	.0383	.0026	
Sida crystallina						.0207										
Ceriodaphnia quadrangula						.0005	.0033	.0022		.0028	.0040			.0004		
Daphnia cucullata					.1260	2.1172	11.600	3.9931		.1872	.1835	.0729	.6597	1.1925	4.6361	1.9246
Daphnia galeata						.8493	.1386	.1443			.0020	.0046	.0177	.0423		
Daphnia hyalina		.0018		.0090	.0217	.1726	.1028	.1197	.0078	.0067	.0204	.0076		.0017	.0047	.0012
Bosmina coregoni	.0017		.0026	.0072	.0465	.1165	.1387	.0955	.0195	.0243	.0140	.0540	.1447	.0260	.0654	.1637
Bosmina longirostris				.0054	.0375	.0536	.1822	.0509	.0485	.0554	.1226	.2794	.0809	.0083	.0037	
Acroperus harpae														.0018		
Alona costata									.0005							
Alonopsis elongata															.0117	
Chydorus sphaericus					.0003					.0009						

(fortsættes)

Ravn Sø 1996

Zooplankton volumenbiomasse mm3/l = mg vådvægt/l	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
Graptoleberis testudinaria					.0011											
Leptodora kindtii						.0042		.0644	.0058	.0145	.0284	.0634	.0696	.0306		
Calanoida																
Eudiaptomus spp.	.0270	.0407	.0922	.0239	.0367	.3652	.4441	.3504	.3450	.4434	.4138	.2935	.2724	.1882	.0405	.0086
Eudiaptomus gracilis	.0036		.0146	.0479	.3640	.0996	.0125	.0138	.0664	.0468	.0469	.0628	.0113	.0162	.0271	.0105
Eudiaptomus graciloides	.0925	.1235	.0934	.0915	.1249	.1325	.0780	.1367	.0758	.0435	.1024	.1368	.0592	.2753	.3349	.3482
Eurytemora lacustris	.0963	.0306	.0560	.0653	.1718	.2412	.2900	.1892	.0225	.1288	.0893	.1579	.0898	.0085	.0218	
Calanoide nauplier	.0447	.0282	.0478	.1656	.3203	.8509	.0574	.0272	.1148	.0906	.0777	.0814	.0403	.0803	.0108	.0151
Cyclopoida																
Paracyclops fimbriatus				.0002												
Cyclops abyssorum	.0916	.1137	.2416	.8063	.7453	.2268	.1143	.0517	.0185	.0158	.0264		.0086	.0065	.0122	.0111
Cyclops vicinus	.0117				.0158	.0120							.0016			
Mesocyclops leuckarti	.0031	.0015	.0267	.0878	.0631	.0192	.0117	.0021	.0060	.0094	.0241	.1048	.1533	.2070	.0595	
Thermocyclops oithonoides	.0067	.0565	.1106	.0405	.0361	.0402	.0375	.0435	.0284	.0859	.1499	.3865	.2284	.2050	.1704	.0205
Cyclopoide nauplier	.0546	.2219	.3007	.1952	.1334	.2891	.2394	.1611	.1358	.2144	.6142	.5412	.4634	.3957	.1301	.0410
Herpacticoida																
Canthocamptus staphylinus											.0039					
Arachnidae																
Hydracarina indet.									.0016	.0017						

Ravn Sø 1996

Zooplankton volumenbiomasse mm3/l = mg vådvægt/l	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
GRAND TOTAL	.443	.642	1.021	1.693	2.458	5.817	13.490	5.526	1.262	1.603	2.096	2.393	2.543	2.783	5.561	2.552
Taxonomisk gruppe																
Rotatoria	.010	.023	.034	.147	.212	.194	.032	.078	.360	.212	.088	.072	.043	.059	.029	.008
Cladocera	.002	.002	.003	.022	.234	3.346	12.173	4.472	.088	.310	.460	.555	1.172	1.342	4.724	2.089
Calanoida	.264	.223	.304	.394	1.018	1.689	.882	.717	.625	.753	.730	.732	.473	.568	.435	.382
Cyclopoida	.168	.394	.680	1.130	.994	.587	.403	.258	.189	.325	.815	1.033	.855	.814	.372	.073
Herpacticoida											.004					
Arachnidae									.002	.002						

Zooplankton tørvægt µg/l	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT
Taxonomisk gruppe																
Rotatoria																
Rotaria neptunia													.9			
Brachionus calyciflorus	.0	.0	.0		.0											
Brachionus urceolaris	.0															
Keratella cochlearis	.1	.1	.1	.3	.3	.2	.0	.1	.9	.4	.2	.6	1.1	2.5	.5	.3
Keratella cochlearis tecta											.0	.0	.0			.0
Keratella quadrata	.0	.1	.1	.2	.3	.2	.2	.5	.9	.1	.1	.0	.2	.3	1.4	.3
Anuraeopsis fissa													.0			
Kellikottia longispina	.1	.1	.3	.8	.4	1.0	.9	.9	1.3	.6	.4	1.6	.6	.4	.0	.0
Notholca squamula		.0														
Argonotholca foliacea				.0												
Lecane luna									.0	.0						
Lecane lunaris												.0		.0		
Lepadella sp.								.0								
Colurella sp.		.0						.0		.0						
Trichocerca birostris									.1	.0	.0	.1	.3	.2	.0	
Trichocerca pusilla												.0	.3	1.2	.2	.0
Trichocerca rousseleti			.0									.0			.0	
Gastropus stylifer				.1												
Ascomorpha ovalis								.8	.0							
Ascomorpha saltans	.0	.9	.6	.0												
Polyarthra major										.3	3.3	.6	.2	.4	.3	
Polyarthra vulgaris		.0		.0	.0	.2	.1	1.8	13.8	12.2	2.7	.7	.1	.2	.3	.1
Polyarthra dolichoptera		.0	.1	.6	.4	.5	.1		.0					.1	.1	
Polyarthra remata			.0	.0		.1		.1	1.4	.4	.1			.0		
Synchaeta spp.	.2	.2	.5	1.0	.1			1.7	.7	.1	.4	2.8	.7	.5	.1	.0
Asplanchna priodonta			.2	3.5	5.0	2.3		.3	6.3	2.2	.0					
Pompholyx sulcata									.0							
Filinia longiseta	.4	.7	.8	1.9	1.8	2.3	1.9	1.1	.9	.9	.8	.2	.0	.1	.0	.1
Conochilus unicornis		.0	.4	.9	5.5	8.5				.7	.6	.4				
Collotheca sp.		.1		.2		.7		.0	.3	.0	.1	.2			.0	
Uidentificeret hjuldyr sp. 1									.0							
Cladocera																
Diaphanosoma brachyurum					.2	1.4	.9	.3	.7	2.3	10.6	9.2	24.9	4.8	.3	
Sida crystallina						2.6										
Ceriodaphnia quadrangula						.1	.4	.3		.3	.5			.1		
Daphnia cucullata					15.8	264.7	1450.0	499.1		23.4	22.9	9.1	82.5	149.1	579.5	240.6
Daphnia galeata						106.2	17.3	18.0			.2	.6	2.2	5.3		
Daphnia hyalina		.2		1.1	2.7	21.6	12.9	15.0	1.0	.8	2.6	1.0		.2	.6	.1
Bosmina coregoni	.2		.3	.9	5.8	14.6	17.3	11.9	2.4	3.0	1.7	6.8	18.1	3.2	8.2	20.5
Bosmina longirostris				.7	4.7	6.7	22.8	6.4	6.1	6.9	15.3	34.9	10.1	1.0	.5	
Acroperus harpae														.2		
Alona costata									.1							

(fortsættes)

Ravn Sø 1996

Zooplankton tørvægt µg/l	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT
Alonopsis elongata															1.5	
Chydorus sphaericus					.0					.1						
Graptoleberis testudinaria					.1											
Leptodora kindtii						.5		8.1	.7	1.8	3.5	7.9	8.7	3.8		
Calanoida																
Eudiaptomus spp.	3.4	5.1	11.5	3.0	4.6	45.7	55.5	43.8	43.1	55.4	51.7	36.7	34.1	23.5	5.1	1.1
Eudiaptomus gracilis	.4		1.8	6.0	45.5	12.5	1.6	1.7	8.3	5.8	5.9	7.8	1.4	2.0	3.4	1.3
Eudiaptomus graciloides	11.6	15.4	11.7	11.4	15.6	16.6	9.8	17.1	9.5	5.4	12.8	17.1	7.4	34.4	41.9	43.5
Eurytemora lacustris	12.0	3.8	7.0	8.2	21.5	30.1	36.2	23.7	2.8	16.1	11.2	19.7	11.2	1.1	2.7	
Calanoide nauplier	5.6	3.5	6.0	20.7	40.0	106.4	7.2	3.4	14.4	11.3	9.7	10.2	5.0	10.0	1.4	1.9
Cyclopoida																
Paracyclops fimbriatus				.0												
Cyclops abyssorum	11.5	14.2	30.2	100.8	93.2	28.4	14.3	6.5	2.3	2.0	3.3		1.1	.8	1.5	1.4
Cyclops vicinus	1.5				2.0	1.5							.2			
Mesocyclops leuckarti	.4	.2	3.3	11.0	7.9	2.4	1.5	.3	.8	1.2	3.0	13.1	19.2	25.9	7.4	
Thermocyclops oithonoides	.8	7.1	13.8	5.1	4.5	5.0	4.7	5.4	3.5	10.7	18.7	48.3	28.5	25.6	21.3	2.6
Cyclopoide nauplier	6.8	27.7	37.6	24.4	16.7	36.1	29.9	20.1	17.0	26.8	76.8	67.7	57.9	49.5	16.3	5.1
Herpacticoida																
Canthocamptus staphylinus											.5					
Arachnidae																
Hydracarina indet.									.2	.2						

Ravn Sø 1996

Zooplankton tørvægt µg/l	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT	DWTOT
GRAND TOTAL	55.1	79.7	126.4	202.7	294.5	718.8	1685.4	688.3	139.4	191.7	259.7	297.3	316.8	346.5	694.4	318.9
Taxonomisk gruppe																
Rotatoria	1.0	2.3	3.1	9.5	13.8	16.0	3.2	7.3	26.5	17.9	8.7	7.2	4.3	5.9	2.9	.8
Cladocera	.2	.2	.3	2.7	29.3	418.2	1521.6	559.1	11.0	38.8	57.5	69.4	146.5	167.7	590.5	261.2
Calanoida	33.0	27.9	38.0	49.3	127.2	211.2	110.2	89.7	78.1	94.1	91.3	91.5	59.1	71.1	54.4	47.8
Cyclopoida	21.0	49.2	85.0	141.2	124.2	73.4	50.4	32.3	23.6	40.7	101.8	129.1	106.9	101.8	46.5	9.1
Herpacticoida											.5					
Arachnidae									.2	.2						

Ravn Sø 1996

Zooplankton individer/l	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
Taxonomisk gruppe																
Rotatoria																
Rotaria neptunia																
Hunner													.7			
Brachionus angularis																
Hunner	+															
Brachionus budapestinensis																
Hunner													+			
Brachionus calyciflorus																
Hunner	.1	.1	.1		.1											
Brachionus urceolaris																
Hunner	.6				+											
Keratella cochlearis																
Hunner	19.4	19.0	27.7	52.7	45.2	32.7	4.9	21.9	332.1	183.1	62.0	261.2	437.0	753.5	104.2	57.7
Keratella cochlearis tecta																
Hunner											2.3	.7	1.5			1.3
Keratella quadrata																
Hunner	.6	1.2	1.5	3.1	3.2	2.6	4.2	9.9	18.1	1.4	2.3	.7	3.7	8.5	26.8	4.7
Anuraeopsis fissa																
Hunner													1.5			
Kellikottia longispina																
Hunner	14.5	21.4	65.7	97.7	58.1	121.8	107.4	111.3	166.0	64.8	55.8	216.4	80.0	50.7	6.3	2.0
Notholca squamula																
Hunner		1.2														
Argonotholca foliacea																
Hunner				.8												
Euchlanis dilatata																
Hunner								+						+		
Lecane luna																
Hunner									1.5	.7						
Lecane lunaris																
Hunner												.7		.7		
Lepadella sp.																
Hunner								.7								
Colurella sp.																
Hunner		.6						.7		.7						
Trichocerca birostris																
Hunner									4.5	.7	1.6	4.5	12.6	9.2	.7	
Trichocerca capucina																
Hunner			+										+			
Trichocerca pusilla																
Hunner												3.7	53.3	183.1	28.2	4.0
Trichocerca rousseleti																
Hunner			.7									1.5			.7	
Ploesoma hudsoni																

(fortsættes)

Zooplankton individer/l	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
Hunner							+									
Gastropus stylifer																
Hunner				.8												
Ascomorpha ovalis																
Hunner								119.2	.8							
Ascomorpha saltans																
Hunner	.6	15.5	20.4	.8												
Polyarthra major																
Hunner								+	+	2.8	35.7	5.2	2.2	3.5	2.8	
Polyarthra vulgaris																
Hunner		.6		.8	.6	4.5	2.8	51.7	437.7	338.0	89.9	20.9	1.5	7.7	7.7	2.0
Polyarthra dolichoptera																
Hunner		.6	1.5	21.7	14.2	13.5	2.8		.8					2.8	2.8	
Polyarthra remata																
Hunner			.7	3.1		3.8		7.3	78.5	33.8	9.3			.7		
Synchaeta spp.																
Hunner	2.4	7.1	27.7	23.3	.6			317.9	60.4	9.2	116.3	417.9	127.4	121.1	1.4	2.7
Asplanchna priodonta																
Hunner	+	+	.2	2.3	5.8	4.2		.3	10.8	5.0	.1	+			+	
Pompholyx sulcata																
Hunner									.8							
Filinia longiseta																
Hunner	10.9	15.5	35.0	46.5	51.6	57.7	53.7	35.8	22.6	22.5	18.6	5.2	.7	3.5	1.4	1.3
Conochilus unicornis																
Hunner	+	2.4	23.4	43.4	296.8	512.8	+			33.8	43.4	29.9	+	+		
Collotheca sp.																
Hunner		.6		1.6	+	7.7		.7	.8	.7	3.9	3.7			.7	
Uidentificeret hjuldyr sp. 1																
Hunner									1.5							
Cladocera																
Diaphanosoma brachyurum																
Hunner					.1	.7	.5	.3	.4	1.3	4.5	9.5	8.4	1.5	.2	
Hanner											+	.7	1.7	1.0	.1	
Sida crystallina																
Hunner				+		.1										
Ceriodaphnia dubia																
Hunner			+	+												
Ceriodaphnia pulchella																
Hunner		+														
Ceriodaphnia quadrangula																
Hunner					+	.1	.5	.3		.3	.5			.1		
Daphnia cucullata																
Hunner	+		+	+	1.0	10.8	22.6	7.7	+	.6	1.3	.6	2.2	4.0	13.6	9.5
Hanner							.2	.1						.1	.3	+
Daphnia galeata																

(fortsættes)

Ravn Sø 1996

Zooplankton individer/l	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
Hunner	+			+	+	5.0	.6	.8	+		.1	.2	.1	.7	+	
Hanner							.3	.1								
Daphnia hyalina																
Hunner		.1	+	.2	.2	1.7	.7	1.3	.1	.1	.2	.1	+	.1	.1	.1
Bosmina coregoni																
Hunner	.2	+	.1	.4	2.7	8.2	7.3	3.8	1.8	2.0	1.1	4.0	8.9	2.2	4.2	8.6
Hanner																+
Bosmina longirostris																
Hunner	+	+	+	.6	5.8	5.8	28.9	7.3	6.3	7.3	14.0	36.9	7.4	1.5	.4	+
Hanner							.1									
Acroperus harpae																
Hunner				+							+			.1		
Alona costata																
Hunner								+	.1							
Alona quadrangularis																
Hunner										+	+					
Alonopsis elongata																
Hunner															.1	
Chydorus sphaericus																
Hunner					.1			+	+	.1	+			+		
Graptoleberis testudinaria																
Hunner					.1											
Leptodora kindtii																
Hunner		+	+	+	+	.1	+	.2	.3	.4	.3	.3	.3	.1		
Hanner							+		+	+	+	.2	.1			
Calanoida																
Eudiaptomus spp.																
Copepodit I-III	1.1	1.3	.3	.3	4.0	22.6	25.8	15.8	10.4	7.7	4.3	6.8	1.2	.7	1.2	.5
Copepodit IV-V	.8	.8	2.8	.4	.4	5.4	7.3	7.7	9.0	18.5	17.2	10.4	10.9	8.1	1.0	.2
Eudiaptomus gracilis																
Hunner	+	+	.2	.4	2.1	.8	+	.1	.5	.4	.5	.5	+	.2	.2	.1
Hanner	.1	+	.1	.2	3.0	.3	.2	.1	.7	.4	.3	.5	.2	.1	.3	.1
Eudiaptomus graciloides																
Hunner	2.5	2.6	2.3	2.1	3.2	3.0	1.0	1.4	1.3	.6	1.1	2.0	1.0	5.4	5.8	5.0
Hanner	.9	1.7	.9	1.0	.9	.5	.9	2.0	.6	.6	1.6	1.6	.5	3.0	4.0	5.8
Eurytemora lacustris																
Copepodit I-III	1.6	.4	.4	.6	2.8	2.5	1.7	.3	.3	5.4	2.8	1.7	.3			+
Copepodit IV-V	.5	.3	.3	.2	3.2	4.5	4.5	2.5	.5	.9	.4	2.3	.3	+	.1	
Hunner	.4	+	.1	.1	.2	.1	.4	.1		+	.2	.3	.2	.1	.1	+
Hanner	.5	.2	.3	.3	.1	.2	.2	.4		.2	.2	.2	.5	+	.1	+
Calanoide nauplier																
nauplier	4.8	3.6	5.8	21.7	38.7	90.4	8.5	3.3	13.6	11.3	9.3	9.7	5.2	10.6	1.4	2.0
Cyclopoida																
Paracyclops fimbriatus																
Copepodit I-III				.1												

(fortsættes)

Ravn Sø 1996

Zooplankton individer/l	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
Cyclops abyssorum																
Copepodit I-III	1.0	.2	11.3	17.6	10.8	2.7			.1	.1	+					.3
Copepodit IV-V	1.2	.1	.2	7.3	9.0	2.0	.2	.1		+	+	+			.3	+
Hunner	+	1.0	.1	+			.3	.1		.1			+			
Hanner	.2	.3	.3		.1	.3	.3	.3	.2	+	.3		.1	.1		
Cyclops vicinus																
Copepodit I-III	.1	+	+		.1							+	.1			+
Copepodit IV-V	.1	+	+													
Hunner						.1				+	+					
Hanner		+	+		.1											
Megacyclops viridis																
Hunner					+											
Hanner														+		
Mesocyclops leuckarti																
Copepodit I-III	.3	+	1.5	6.8	3.7	1.8	.3	.3	.3	+	.4	2.8	2.5	5.0	2.8	
Copepodit IV-V	.1	.2	1.3	4.5	2.2	.2	.1	.1	.3	.6	.7	3.0	7.4	11.8	4.5	+
Hunner		+	.3	.7	1.2	.5	.3	+	+	.2	.7	2.5	2.5	1.4		
Hanner	.1		.5	.8	.1	.1	.3	+	.2	.1	.4	1.8	1.0			
Thermocyclops oithonoides																
Copepodit I-III	.1	.2	.3		.2	5.4	.8	2.5	1.3	5.0	6.2	15.4	7.9	14.0	9.0	.5
Copepodit IV-V	.7	5.8	8.2	.2	+		2.2	1.7	.7	2.7	4.5	28.7	16.3	10.4	11.8	1.8
Hunner	+	.1	.8	2.3	2.5	.6	.9	1.0	1.0	1.6	5.0	3.0	1.7	.6	.1	
Hanner			2.7	1.6	.9	.3	.3	.3	.4	1.7	2.1	+				
Cyclopoide nauplier																
nauplier	6.7	31.0	38.0	24.8	20.6	48.1	35.3	21.9	19.6	29.6	89.9	77.6	71.1	56.3	18.3	5.4
Herpacticoida																
Canthocamptus staphylinus																
Hunner											.1					
Arachnidae																
Hydracarina indet.																
juvinil									.1	.1						
Chaoborus sp.																
juvinil											+					

Ravn Sø 1996

Zooplankton SUM individer/l	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
GRAND TOTAL	72.9	135.5	283.3	393.4	596.1	985.8	329.0	760.7	1207.0	796.8	611.0	1195.5	882.0	1284.0	263.4	115.6
Taxonomisk gruppe																
Rotatoria	49.2	85.8	204.6	298.5	476.2	761.2	176.0	677.1	1136.9	697.3	441.2	972.4	722.2	1145.1	183.8	75.8
Cladocera	.2	.1	.1	1.2	9.9	32.4	61.5	21.7	9.1	12.1	21.8	52.3	29.0	11.3	18.8	18.2
Calanoida	13.3	10.8	13.5	27.2	58.5	130.3	50.3	33.7	36.9	45.9	37.8	35.9	20.2	28.1	14.1	13.7
Cyclopoida	10.3	38.8	65.1	66.6	51.4	61.9	41.3	28.2	24.0	41.5	110.1	134.9	110.6	99.6	46.6	7.9
Herpacticoida											.1					
Arachnidae									.1	.1						

+: til stede

Zooplankton Biomasse (C) - procentvis sammensætning	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
Taxonomisk gruppe																
Rotatoria																
Rotaria neptunia													.3			
Brachionus calyciflorus	.1	.1	.0		.0											
Brachionus urceolaris	.1															
Keratella cochlearis	.2	.1	.1	.2	.1	.0	.0	.0	.6	.2	.1	.2	.3	.7	.1	.1
Keratella cochlearis tecta											.0	.0	.0			.0
Keratella quadrata	.1	.1	.1	.1	.1	.0	.0	.1	.7	.0	.0	.0	.1	.1	.2	.1
Anuraeopsis fissa													.0			
Kellikottia longispina	.2	.2	.3	.4	.1	.1	.1	.1	.9	.3	.1	.5	.2	.1	.0	.0
Notholca squamula		.0														
Argonotholca foliacea				.0												
Lecane luna									.0	.0						
Lecane lunaris												.0		.0		
Lepadella sp.								.0								
Colurella sp.		.0						.0		.0						
Trichocerca birostris									.1	.0	.0	.0	.1	.1	.0	
Trichocerca pusilla												.0	.1	.4	.0	.0
Trichocerca rousseleti			.0									.0			.0	
Gastropus stylifer				.0												
Ascomorpha ovalis								.1	.0							
Ascomorpha saltans	.1	1.2	.4	.0												
Polyarthra major										.1	1.3	.2	.1	.1	.0	
Polyarthra vulgaris		.0		.0	.0	.0	.0	.3	9.9	6.3	1.1	.2	.0	.1	.0	.0
Polyarthra dolichoptera		.0	.1	.3	.1	.1	.0		.0					.0	.0	
Polyarthra remata			.0	.0		.0		.0	1.0	.2	.1			.0		
Synchaeta spp.	.3	.2	.4	.5	.0			.2	.5	.1	.1	.9	.2	.1	.0	.0
Asplanchna priodonta			.2	1.7	1.7	.3		.0	4.5	1.1	.0					
Pompholyx sulcata									.0							
Filinia longiseta	.8	.9	.6	.9	.6	.3	.1	.2	.6	.5	.3	.1	.0	.0	.0	.0
Conochilus unicornis		.1	.3	.4	1.9	1.2				.4	.2	.1				
Collotheca sp.		.1		.1		.1		.0	.2	.0	.0	.1			.0	
Uidentificeret hjuldyr sp. 1									.0							
Cladocera																
Diaphanosoma brachyurum					.1	.2	.1	.0	.5	1.2	4.1	3.1	7.9	1.4	.0	
Sida crystallina						.4										
Ceriodaphnia quadrangula						.0	.0	.0		.2	.2			.0		
Daphnia cucullata					5.3	36.8	86.0	72.5		12.2	8.8	3.1	26.0	43.0	83.5	75.5
Daphnia galeata						14.8	1.0	2.6			.1	.2	.7	1.5		
Daphnia hyalina		.3		.6	.9	3.0	.8	2.2	.7	.4	1.0	.3		.1	.1	.0
Bosmina coregoni	.4		.3	.4	2.0	2.0	1.0	1.7	1.7	1.6	.7	2.3	5.7	.9	1.2	6.4
Bosmina longirostris				.3	1.6	.9	1.4	.9	4.4	3.6	5.9	11.7	3.2	.3	.1	
Acroperus harpae														.1		
Alona costata									.0							
Alonopsis elongata															.2	
Chydorus sphaericus					.0					.1						

(fortsættes)

Ravn Sø 1996

Zooplankton Biomasse (C) - procentvis sammensætning	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
Graptoleberis testudinaria					.0											
Leptodora kindtii						.1		1.2	.5	.9	1.4	2.7	2.7	1.1		
Calanoida																
Eudiaptomus spp.	6.1	6.4	9.1	1.5	1.6	6.4	3.3	6.4	30.9	28.9	19.9	12.3	10.7	6.8	.7	.3
Eudiaptomus gracilis	.8		1.4	3.0	15.4	1.7	.1	.3	6.0	3.0	2.3	2.6	.4	.6	.5	.4
Eudiaptomus graciloides	21.0	19.4	9.2	5.6	5.3	2.3	.6	2.5	6.8	2.8	4.9	5.8	2.3	9.9	6.0	13.7
Eurytemora lacustris	21.8	4.8	5.5	4.0	7.3	4.2	2.2	3.4	2.0	8.4	4.3	6.6	3.5	.3	.4	
Calanoide nauplier	10.1	4.4	4.7	10.2	13.6	14.8	.4	.5	10.3	5.9	3.7	3.4	1.6	2.9	.2	.6
Cyclopoida																
Paracyclops fimbriatus				.0												
Cyclops abyssorum	20.8	17.8	23.9	49.7	31.6	3.9	.8	.9	1.7	1.0	1.3		.3	.2	.2	.4
Cyclops vicinus	2.6				.7	.2							.1			
Mesocyclops leuckarti	.7	.2	2.6	5.4	2.7	.3	.1	.0	.5	.6	1.2	4.4	6.0	7.5	1.1	
Thermocyclops oithonoides	1.5	8.9	10.9	2.5	1.5	.7	.3	.8	2.5	5.6	7.2	16.3	9.0	7.4	3.1	.8
Cyclopoide nauplier	12.4	34.8	29.7	12.0	5.7	5.0	1.8	2.9	12.2	14.0	29.6	22.8	18.3	14.3	2.3	1.6
Herpacticoida																
Canthocamptus staphylinus											.2					
Arachnidae																
Hydracarina indet.									.1	.1						

Ravn Sø 1996

Zooplankton Biomasse (C) - procentvis sammensætning	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
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																
Rotatoria	1.7	2.9	2.5	4.7	4.7	2.2	.2	1.1	19.0	9.3	3.4	2.4	1.4	1.7	.4	.2
Cladocera	.4	.3	.3	1.3	10.0	58.2	90.3	81.2	7.9	20.2	22.1	23.4	46.2	48.4	85.0	81.9
Calanoida	59.9	35.0	30.1	24.3	43.2	29.4	6.5	13.0	56.0	49.1	35.1	30.8	18.7	20.5	7.8	15.0
Cyclopoida	38.0	61.8	67.2	69.7	42.2	10.2	3.0	4.7	16.9	21.2	39.2	43.4	33.7	29.4	6.7	2.8
Herpacticoida											.2					
Arachnidae									.1	.1						

Ravn Sø 1996

Zooplankton Volumenbiomasse procentvis sammensætning	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
Taxonomisk gruppe																
Rotatoria																
Rotaria neptunia													.3			
Brachionus calyciflorus	.1	.1	.0		.0											
Brachionus urceolaris	.1															
Keratella cochlearis	.3	.2	.1	.2	.1	.0	.0	.0	.7	.3	.1	.3	.4	.9	.1	.1
Keratella cochlearis tecta											.0	.0	.0			.0
Keratella quadrata	.1	.1	.1	.1	.1	.0	.0	.1	.7	.0	.1	.0	.1	.1	.2	.1
Anuraeopsis fissa													.0			
Kellikottia longispina	.2	.2	.3	.4	.2	.2	.1	.2	1.0	.4	.2	.7	.2	.1	.0	.0
Notholca squamula		.0														
Argonotholca foliacea				.0												
Lecane luna									.0	.0						
Lecane lunaris												.0		.0		
Lepadella sp.								.0								
Colurella sp.		.0						.0		.0						
Trichocerca birostris									.1	.0	.0	.0	.1	.1	.0	
Trichocerca pusilla												.0	.1	.4	.0	.0
Trichocerca rousseleti			.0									.0			.0	
Gastropus stylifer				.0												
Ascomorpha ovalis								.1	.0							
Ascomorpha saltans	.1	1.4	.5	.0												
Polyarthra major										.2	1.6	.2	.1	.1	.0	
Polyarthra vulgaris		.0		.0	.0	.0	.0	.3	10.9	7.6	1.3	.3	.0	.1	.0	.0
Polyarthra dolichoptera		.0	.1	.3	.2	.1	.0		.0					.0	.0	
Polyarthra remata			.0	.0		.0		.0	1.1	.3	.1			.0		
Synchaeta spp.	.4	.3	.5	.6	.0			.3	.5	.1	.2	1.2	.3	.2	.0	.0
Asplanchna priodonta			.5	5.2	5.1	1.0		.1	12.5	3.4	.1					
Pompholyx sulcata									.0							
Filinia longiseta	1.0	1.1	.8	1.1	.7	.4	.1	.2	.7	.5	.4	.1	.0	.0	.0	.0
Conochilus unicornis		.1	.4	.5	2.2	1.5				.4	.3	.2				
Collotheca sp.		.1		.1		.1		.0	.2	.0	.1	.1			.0	
Uidentificeret hjuldyr sp. 1									.0							
Cladocera																
Diaphanosoma brachyurum					.1	.2	.1	.0	.5	1.2	4.0	3.1	7.8	1.4	.0	
Sida crystallina						.4										
Ceriodaphnia quadrangula						.0	.0	.0		.2	.2			.0		
Daphnia cucullata					5.1	36.4	86.0	72.3		11.7	8.8	3.0	25.9	42.8	83.4	75.4
Daphnia galeata						14.6	1.0	2.6			.1	.2	.7	1.5		
Daphnia hyalina		.3		.5	.9	3.0	.8	2.2	.6	.4	1.0	.3		.1	.1	.0
Bosmina coregoni	.4		.3	.4	1.9	2.0	1.0	1.7	1.5	1.5	.7	2.3	5.7	.9	1.2	6.4
Bosmina longirostris				.3	1.5	.9	1.4	.9	3.8	3.5	5.8	11.7	3.2	.3	.1	
Acroperus harpae														.1		
Alona costata									.0							
Alonopsis elongata															.2	
Chydorus sphaericus					.0					.1						

(fortsættes)

Ravn Sø 1996

Zooplankton Volumenbiomasse procentvis sammensætning	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
Graptoleberis testudinaria					.0											
Leptodora kindtii						.1		1.2	.5	.9	1.4	2.7	2.7	1.1		
Calanoida																
Eudiaptomus spp.	6.1	6.3	9.0	1.4	1.5	6.3	3.3	6.3	27.3	27.7	19.7	12.3	10.7	6.8	.7	.3
Eudiaptomus gracilis	.8		1.4	2.8	14.8	1.7	.1	.2	5.3	2.9	2.2	2.6	.4	.6	.5	.4
Eudiaptomus graciloides	20.9	19.2	9.1	5.4	5.1	2.3	.6	2.5	6.0	2.7	4.9	5.7	2.3	9.9	6.0	13.6
Eurytemora lacustris	21.7	4.8	5.5	3.9	7.0	4.1	2.1	3.4	1.8	8.0	4.3	6.6	3.5	.3	.4	
Calanoide nauplier	10.1	4.4	4.7	9.8	13.0	14.6	.4	.5	9.1	5.7	3.7	3.4	1.6	2.9	.2	.6
Cyclopoida																
Paracyclops fimbriatus				.0												
Cyclops abyssorum	20.7	17.7	23.7	47.6	30.3	3.9	.8	.9	1.5	1.0	1.3		.3	.2	.2	.4
Cyclops vicinus	2.6				.6	.2							.1			
Mesocyclops leuckarti	.7	.2	2.6	5.2	2.6	.3	.1	.0	.5	.6	1.1	4.4	6.0	7.4	1.1	
Thermocyclops oithonoides	1.5	8.8	10.8	2.4	1.5	.7	.3	.8	2.2	5.4	7.2	16.2	9.0	7.4	3.1	.8
Cyclopoide nauplier	12.3	34.6	29.5	11.5	5.4	5.0	1.8	2.9	10.8	13.4	29.3	22.6	18.2	14.2	2.3	1.6
Herpacticoida																
Canthocamptus staphylinus											.2					
Arachnidae																
Hydracarina indet.									.1	.1						

Ravn Sø 1996

Zooplankton Volumenbiomasse procentvis sammensætning	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
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																
Rotatoria	2.1	3.7	3.4	8.7	8.6	3.3	.2	1.4	28.5	13.2	4.2	3.0	1.7	2.1	.5	.3
Cladocera	.4	.3	.3	1.3	9.5	57.5	90.2	80.9	7.0	19.4	21.9	23.2	46.1	48.2	85.0	81.9
Calanoida	59.6	34.8	29.8	23.3	41.4	29.0	6.5	13.0	49.5	47.0	34.8	30.6	18.6	20.4	7.8	15.0
Cyclopoida	37.9	61.3	66.6	66.8	40.4	10.1	3.0	4.7	15.0	20.3	38.9	43.2	33.6	29.3	6.7	2.8
Herpacticoida											.2					
Arachnidae									.1	.1						

Ravn Sø 1996 - Zooplankton

Arternes specifikke volumener i 10+3 µm3/individ = 10-3 µg vådvægt/individ	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
Taxonomisk gruppe																
Rotatoria																
Rotaria neptunia													11843			
Brachionus calyciflorus	3932.4	5659.5	5188.2		2598.1											
Brachionus urceolaris	795.8															
Keratella cochlearis	58.3	60.7	44.7	64.5	58.3	55.0	40.8	39.5	26.0	22.3	24.9	23.8	24.6	33.1	51.1	58.3
Keratella cochlearis tecta											19.0	30.1	19.0			19.0
Keratella quadrata	643.3	643.3	643.3	667.9	835.2	787.2	510.0	470.2	515.3	563.3	546.3	352.4	489.1	381.2	505.1	556.0
Anuraeopsis fissa													14.2			
Kellikottia longispina	60.9	57.3	52.7	77.2	72.5	85.5	79.9	80.3	76.8	89.0	66.7	73.2	72.9	72.5	68.3	60.0
Notholca squamula		66.5														
Argonotholca foliacea				76.9												
Lecane luna									47.5	292.4						
Lecane lunaris												47.5		112.5		
Lepadella sp.								75.4								
Colurella sp.		112.5						75.4		75.4						
Trichocerca birostris									253.8	237.6	228.5	228.3	239.9	241.4	255.9	
Trichocerca pusilla												53.9	65.5	66.4	78.0	66.8
Trichocerca rousseleti			164.5									61.7			72.0	
Gastropus stylifer				759.3												
Ascomorpha ovalis								67.0	90.4							
Ascomorpha saltans	723.4	595.1	270.7	263.6												
Polyarthra major										967.8	927.5	1144.8	990.2	1061.8	979.0	
Polyarthra vulgaris		346.5		493.3	493.3	451.3	456.6	341.5	315.4	359.8	303.6	315.4	346.5	315.4	338.3	308.3
Polyarthra dolichoptera		346.5	454.4	260.7	272.5	364.4	354.6		232.1					289.3	333.1	
Polyarthra remata			146.2	115.4		150.2		189.1	174.4	121.5	150.2			146.2		
Synchaeta spp.	643.6	241.1	186.3	444.3	1079.4			52.6	108.3	110.5	31.5	67.1	51.8	37.5	394.5	108.1
Asplanchna priodonta			30510	37371	21293	13769		30400	14515	11007	13643					
Pompholyx sulcata									168.7							
Filinia longiseta	393.3	455.7	218.8	406.4	355.4	406.4	355.2	318.9	385.8	391.1	412.4	358.5	493.5	240.5	332.9	380.1
Conochilus unicornis		204.5	168.0	202.6	185.7	165.4				213.1	131.2	130.6				
Collotheca sp.		1359.4		1027.7		913.5		696.0	3730.2	696.0	293.6	615.5			293.6	
Uidentificeret hjuldyr sp. 1									153.1							
Cladocera																
Diaphanosoma brachyurum					15532	16885	14429	8693.9	13892	14029	18842	9527.2	17101	15170	11545	
Sida crystallina						248330										
Ceriodaphnia quadrangula						6146.4	6581.2	6682.6		8384.2	7900.2			4827.4		
Daphnia cucullata					126020	195440	429490	397990		321180	146810	125000	304410	303630	251810	202590
Daphnia galeata						169860	145048	134250			23739	27465	211880	63429		
Daphnia hyalina		21712		53789	130110	103520	154130	95774	93600	80086	122440	91259		20749	56766	13962
Bosmina coregoni	10091		31563	17169	17438	14260	19130	24918	10636	12146	12908	13503	16226	11996	15699	19074
Bosmina longirostris				9243.8	6436.9	9181.5	9655.6	7025.3	7662.0	7644.4	8755.2	7567.3	10901	5529.5	8773.0	
Acroperus harpae														21031		
Alona costata									6038.0							
Alonopsis elongata															140270	

(fortsættes)

Ravn Sø 1996 - Zooplankton

Arternes specifikke volumener i 10+3 µm3/individ = 10-3 µg vådvægt/individ	DATO															
	960227	960417	960430	960513	960530	960612	960627	960710	960724	960808	960821	960904	960919	961002	961107	961211
Chydorus sphaericus					3560.5					10553						
Graptoleberis testudinaria					13127											
Leptodora kindtii						49921		385740	17384	34708	113530	155945	189975	367050		
Calanoida																
Eudiaptomus spp.	15222	21103	24271	30544	16546	17100	17719	16571	18174	14998	16083	15612	16678	15586	19311	17174
Eudiaptomus gracilis	43106		56564	78482	73306	79645	74705	82877	57749	56088	59726	62771	67542	61662	66580	63137
Eudiaptomus graciloides	26118	28502	27790	28659	29543	35472	40530	41003	37733	37296	39405	37583	37387	31668	33492	32328
Eurytemora lacustris	46332	49326	58914	77461	82141	76207	76940	72792	23539	59867	74578	62252	68821	101620	87280	
Calanoide nauplier	9221.1	7897.2	8180.1	7628.8	8275.6	9414.5	6769.3	8216.4	8452.3	8037.0	8349.3	8388.3	7766.6	7599.3	7690.9	7498.2
Cyclopoida																
Paracyclops fimbriatus				1891.9												
Cyclops abyssorum	41447	53413	51075	39151	57079	63463	128286	133215	59538	94532	105670		102720	78241	48744	44313
Cyclops vicinus	69940				94515	143910							18932			
Mesocyclops leuckarti	9656.7	9230.1	9804.0	10234	11702	11988	11109	6351.9	8562.1	12735	10405	10468	11404	11999	7507.1	
Thermocyclops oithonoides	8075.4	8442.1	8753.9	9460.1	8742.1	8514.4	8834.7	8541.0	8506.4	8535.7	8574.1	8685.7	9109.6	9166.3	8965.2	8456.6
Cyclopoide nauplier	8186.7	7168.1	7923.5	7867.7	6462.1	6012.5	6774.6	7371.4	6920.4	7247.2	6829.9	6973.2	6516.5	7024.1	7105.8	7643.7
Herpacticoida																
Canthocamptus staphylinus											46319					
Arachnidae																
Hydracarina indet.									18817	20580						

Ravn Sø 1996
Tidsvægtede gennemsnit - Zooplankton, cellevolumen

mm3/l	Hele perioden			1/5 - 31/9			1/3 - 31/5		
	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum	Gennemsnit	Procent	Maximum
GRAND TOTAL	3.112	100.0%	2.560	3.696	100.0%	2.560	1.040	100.0%	.529
TAXONOMISKE GRUPPER									
Rotatoria	.086	2.8%	.360	.138	3.7%	.360	.064	6.2%	.212
Cladocera	1.912	61.4%	12.173	2.116	57.3%	12.173	.040	3.8%	.713
Calanoida	.579	18.6%	1.689	.771	20.9%	1.689	.368	35.4%	1.121
Cyclopoida	.535	17.2%	1.130	.671	18.2%	1.130	.568	54.6%	1.130
Harpacticoida	.000	.0%	.004	.000	.0%	.004	.000	.0%	.000
Arachnidae	.000	.0%	.002	.000	.0%	.002	.000	.0%	.000

Ravn 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	142.193	100.0%	116.927	168.219	100.0%	116.927	46.699	100.0%	23.656
TAXONOMISKE GRUPPER									
Rotatoria	2.606	1.8%	9.789	4.049	2.4%	9.789	1.706	3.7%	5.210
Cladocera	88.182	62.0%	561.470	97.590	58.0%	561.470	1.860	4.0%	32.894
Calanoida	26.705	18.8%	77.926	35.580	21.2%	77.926	16.956	36.3%	51.713
Cyclopoida	24.684	17.4%	52.116	30.970	18.4%	52.116	26.177	56.1%	52.116
Harpacticoida	.008	.0%	.178	.016	.0%	.178	.000	.0%	.000
Arachnidae	.008	.0%	.080	.014	.0%	.080	.000	.0%	.000

Ravn 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	385.343	100.0%	316.869	455.876	100.0%	316.869	126.557	100.0%	64.107
TAXONOMISKE GRUPPER									
Rotatoria	7.062	1.8%	26.530	10.973	2.4%	26.530	4.625	3.7%	14.118
Cladocera	238.973	62.0%	1521.574	264.470	58.0%	1521.574	5.040	4.0%	89.143
Calanoida	72.371	18.8%	211.181	96.423	21.2%	211.181	45.952	36.3%	140.143
Cyclopoida	66.894	17.4%	141.235	83.930	18.4%	141.235	70.940	56.1%	141.235
Harpacticoida	.023	.0%	.483	.042	.0%	.483	.000	.0%	.000
Arachnidae	.020	.0%	.214	.038	.0%	.214	.000	.0%	.000

Ravn 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	.565	100.0%	.245	.776	100.0%	.244	.239	100.0%	.112
TAXONOMISKE GRUPPER									
Rotatoria	.461	81.6%	1.145	.639	82.3%	1.137	.175	73.2%	.520
Cladocera	.017	3.0%	.062	.023	3.0%	.062	.002	.8%	.013
Calanoida	.031	5.5%	.130	.046	5.9%	.130	.020	8.4%	.070
Cyclopoida	.056	9.9%	.135	.068	8.8%	.135	.042	17.6%	.067
Harpacticoida	.000	.0%	.000	.000	.0%	.000	.000	.0%	.000
Arachnidae	.000	.0%	.000	.000	.0%	.000	.000	.0%	.000