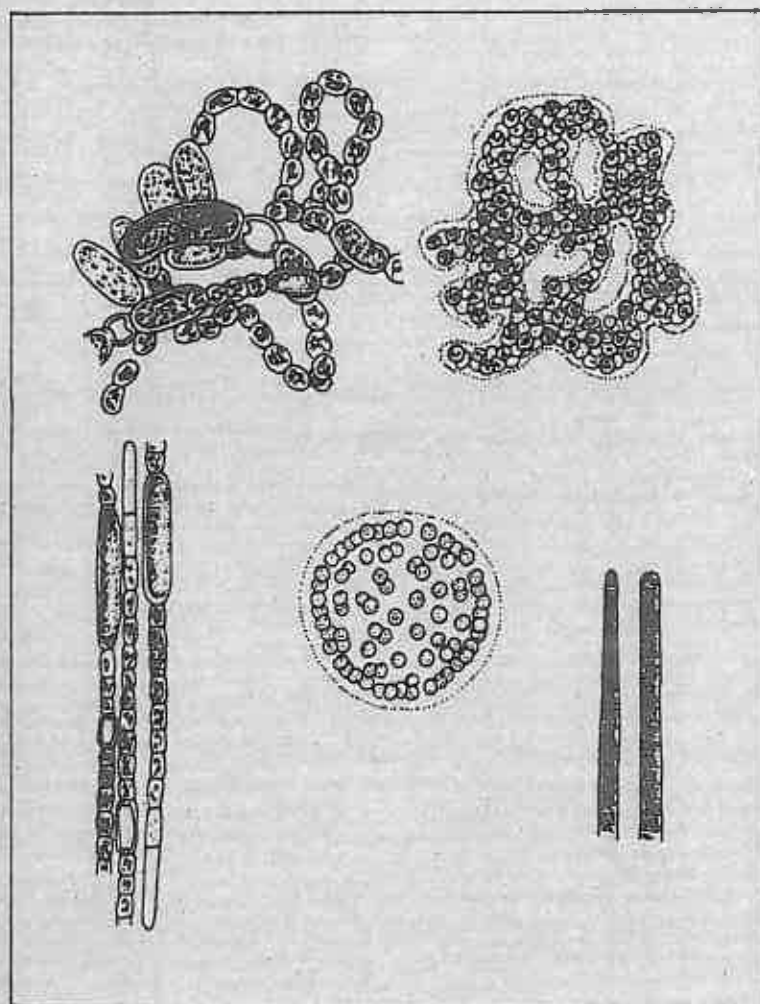


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Haldenvassdragets Vassdragsforbund

Undersøkelse i Haldenvassdraget



Del 5.

**Planteplankton i innsjøene—
septemberhåvtrekk 1961 - 1976**

Norsk institutt for vannforskning  NIVA

0-70219

HALDENVASSDRAGETS VASSDRAGSFORBUND

Undersøkelse i Haldenvassdraget

Del 5:

Planteplankton i innsjøene -
septemberhåvtrekk 1961-1976.

Blindern, 19. juli 1979
Saksbeh.: Olav Skulberg
Medarb.: Jozef Kotai
Reidun Aaker

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Prøvene ble samlet inn ved hjelp av en planktonhåv med poreåpning 25 µm. Ved mikroskopering ble det for hver prøve foretatt en subjektiv vurdering av mengden av de ulike artene. Tabellene angir en kvantitativ forekomst etter følgende skala.

- + Tilstede
- 1 Sjelden
- 2 Sparsom
- 3 Vanlig
- 4 Hyppig
- 5 Dominant

Tabell 371 Planteplankton i Rødenesjøen September-håvtrekk 1961-1976.

ARTER	1961	1962	1963	1964	1965	1967	1968	1969	1970	1971	1972	1973	1974	1976
CYANOPHYCEAE														
<i>Anabaena circinalis</i> Rabenh.					1					3		2		1
<i>Anabaena flos-aquae</i> (Lyngb.) Bréb.	1		+	1				+				1		
<i>Anabaena planctonica</i> Brunth.	1		1	1	1						4			
<i>Anabaena spiroides</i> Klebahn	3			+		3	4		2		1			1
<i>Anabaena</i> Bory sp.		1		1		+	1	1	2	3				
<i>Aphanizomenon flos-aquae</i> (L.) Ralfs	3	5	5	5	4	1	3	+	3	1	1	2		3
<i>Coelosphaerium naegelianum</i> Ungar	4	3	3	3	2	3	4	2	4	3	3	3		4
<i>Composphaeria aponina</i> Kütz.										1				1
<i>Composphaeria lacustris</i> Chod.													1	
<i>Merismopedia glauca</i> (Ehr.) Næg.								1						
<i>Microcystis aeruginosa</i> Kütz.													1	
<i>Microcystis</i> Kütz. sp.				1										
<i>Oscillatoria agardhii</i> var. <i>isothrix</i> Skuja	2		+	+				+				1	5 ^x	1
<i>Oscillatoria limosa</i> Ag.								+						
<i>Oscillatoria splendida</i> Grev.								1						
<i>Pseudanabaena</i> Laut. sp.								+						
CHLOROPHYCEAE														
<i>Borryococcus braunii</i> Kütz.		+			1			1	1	1		1		+
<i>Closterium</i> Nitzsch sp.								1	+					
<i>Coelastrum</i> cf. <i>cambricum</i> Arch.	1								+	+				
<i>Coelastrum microporum</i> Næg.											1			
<i>Cosmarium</i> Corda sp.														
<i>Dictyosphaerium pulchellum</i> Wood	1	1						1	1	2	+	1		
<i>Eudorina elegans</i> Ehr.					1				1			1		
<i>Gloeocystis</i> Næg. sp.						1	1				+			
<i>Kirchneriella obesa</i> (W. West) Schmidle		+	+									+		
<i>Nephrocytium agardhianum</i> Næg.												+		1
<i>Oocystis lacustris</i> Chod.											+			
<i>Oocystis</i> Næg. sp.												1		1
<i>Pandorina morum</i> (Müller) Bory		1			1			1	1			1		1
<i>Pediastrum boryanum</i> (Turp.) Menegh.								+	1					1
<i>Pediastrum duplex</i> Meyen		+										+		
<i>Pediastrum tetras</i> (Ehr.) Ralfs														
<i>Quadrigula pfitzeri</i> (Schroeder) Printz														1
<i>Scenedesmus</i> cf. <i>acuminatus</i> (Lagerh.) Chod.								+						
<i>Scenedesmus falcatus</i> Chod.							+							
<i>Scenedesmus quadricauda</i> (Turp.) Bréb.								1						1
<i>Sphaerocystis schroeteri</i> Chod.														
<i>Spondylosium planum</i> (Wolle) W. & G.S. West														1
<i>Staurastrum</i> cf. <i>cuspidatum</i> Bréb.								1		1				
<i>Staurastrum</i> Meyen spp.	1		+	2	1	1	1	1	2	1	+	1		2
<i>Ulotricha</i> grønnalge											2			
<i>Xanthidium antilopseum</i> (Bréb.) Kütz.						1	1	1						1
<i>Xanthidium</i> Ehr. sp.														
BACILLARIOPHYCEAE														
<i>Asterionella formosa</i> Hass.	3		1	1		+		2	2	2	3	2		2
<i>Attheya zachvatkini</i> Brun.	1		+	1		+	+			1	1	1		1
<i>Fragilaria crotonensis</i> Kitton	1		+			2	2	1	2	2	1	2		
<i>Fragilaria</i> Lyngb. sp.												+		
<i>Melosira</i> cf. <i>ambigua</i> (Grun.) O. Mill.											+			
<i>Melosira granulata</i> (Ehr.) Ralfs														1
<i>Melosira</i> Agardh sp.		1		+	2				1					1
<i>Rhizosolenia longiseta</i> Zach.	1	1	+							2	2	1		2
<i>Surirella</i> Turp. sp.								+						
<i>Synedra ulna</i> (Nitz.) Ehrenb.														1
<i>Tabellaria fenestrata</i> (Lyngb.) Kütz.				1		1	1	1	2	2	3	3		2
<i>Tabellaria fenestrata</i> var. <i>asterionelloides</i> Grun.	3	1	2											
<i>Tabellaria flocculosa</i> (Roth) Kütz.					1			1				+		
CHRYSOPHYCEAE														
<i>Dinobryon bavaricum</i> Imh.	1										+	1		1
<i>Dinobryon divergens</i> Imh.	2			2				+		1	1			1
<i>Dinobryon sociale</i> Ehr.	1			+							2			2
<i>Mallomonas fastigata</i> Zach.		1											1	
<i>Mallomonas</i> Perty spp.	1		+	+					2	2			1	2
<i>Synura uvella</i> Ehr.	1	1	+								1	+		2
DINOPHYCEAE														
<i>Ceratium hirundinella</i> (O. Mill.) Schrank	1	1	+	1	2			1	1	1	1	1		1
<i>Peridinium</i> Ehr. sp.		+	+	+	2				+	1				1

^x Observervert i kvantitativ prøve.

Tabell 372 Planteplankton i Øymarksjøen.

September-håvtrekk 1961 - 1976.

ARTER	1961	1962	1963	1964	1965	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
CYANOPHYCEAE															
<i>Anabaena circinalis</i> Rabenh.	3		1	1	2			2		2	1		+	2	2
<i>Anabaena flos-aquae</i> (Lyngb.) Bréb.	1		1		1			1	1	+					
<i>Anabaena planctonica</i> Brunth.			1	2	1			1	+		4	1	1	1	
<i>Anabaena spiroides</i> Kiebahn						3	4	+	2			1		1	
<i>Anabaena bory</i> spp.							1-2		1						
<i>Aphanizomenon flos-aquae</i> (L.) Ralfs	1	3	4	3	3	1	3	2	2	2	1	3	1	1	
<i>Coelosphaerium naegelianum</i> Unger	4	3	4	4	3	4	3-4	2	3	2	4	3	2	2	3
<i>Gomphosphaeria apotina</i> Kütz.										1				2	
<i>Gomphosphaeria lacustris</i> Chod.															
<i>Microcystis aeruginosa</i> Kütz.															
<i>Microcystis flos-aquae</i> (Witt.) Kirchn.											1				
<i>Microcystis</i> Kütz. sp.															
<i>Oscillatoria agardhii</i> var. <i>isothrix</i> Skuja	1			1				+	1			1	4-5	1	2
<i>Oscillatoria limnetica</i> Lemm.								+							
<i>Oscillatoria ramis</i> Ag.									+						
<i>Oscillatoria Vaucher</i> spp.	+							1							1
CHLOROPHYCEAE															
<i>Ankistrodesmus falcatus</i> (Corda) Ralfs								1			+		+	1	
<i>Arthrodesmus incus</i> (Bréb.) Haas.								1		+	1	+	+	+	+
<i>Botryococcus braunii</i> Kütz.		+						+	2	1	+	+	+		
<i>Closterium</i> Nitzsch sp.									1	1					
<i>Coelastrum</i> Näg. sp.				1		1							+	1	1
<i>Cosmarium</i> Corda sp.									1	1			+	1	1
<i>Crucigenia rectangularis</i> (A. Braun) Gay														1	
<i>Crucigenia tetrapedia</i> (Kirchn.) W. Sc. S. West								+							
<i>Dictyosphaerium</i> cf. <i>elegans</i> Bachm.														2	
<i>Dictyosphaerium pulchellum</i> Wood	1								1	2	2	1	1	1	1
<i>Elakatothrix gelatinosa</i> Wille										1		1			
<i>Eudorina elegans</i> Ehr.							+		+						
cf. <i>Gemellicystis neglecta</i> Teiling em. Skuja	1														
<i>Gloeocystis planctonica</i> (West) Lemm.															
cf. <i>Gloeocystis</i> Näg. sp.						1	1-2				+				
<i>Hyalotheca dissiliens</i> (J.E. Smith) Bréb.													+		
<i>Kirchneriella obesa</i> (W. West) Schmidle															
<i>Microstrorion</i> Ar. sp.															1
<i>Nephrocystum agardhianum</i> Näg.										1			1		
<i>Oocystis lacustris</i> Chod.															1
<i>Oocystis</i> Näg. sp.															
<i>Pandorina morum</i> (Müller) Bory		1											2	1	1
<i>Paulschulzia pseudovolvax</i> (Schulz) Skuja										+					
<i>Pediastrum boryanum</i> (Turp.) Menegh.		+												+	
<i>Pediastrum duplex</i> Meyen															
<i>Quadrigula pfizleri</i> (Schroeder) Printz															
<i>Scenedesmus quadricauda</i> (Turp.) Bréb.															
<i>Scenedesmus</i> Meyen sp.															
<i>Sphaerocystis schroetari</i> Chod.														2	1
<i>Spondyliosium planum</i> (Wolle) W. Sc. S. West															
<i>Staurastrum</i> cf. <i>apiculatum</i> Bréb.										+	1				
<i>Staurastrum</i> cf. <i>cuspidatum</i> Bréb.														1	
<i>Staurastrum</i> cf. <i>gracile</i> Ralfs											1				
<i>Staurastrum</i> Meyen spp.	1		+	1					1	1		2	1	1	2
<i>Staurodesmus</i> Teiling sp.						1									
<i>Ulothrix</i> grønnalge											3				
<i>Xanthidium antilopaeum</i> (Bréb.) Kütz.									1			1			
<i>Xanthidium</i> Ehr. sp.	+														
BACILLARIOPHYCEAE															
<i>Asterionella formosa</i> Haas.	3			2			1	1	2	1	2	1	1	1	1
<i>Attheya zachvatkini</i> Brun.	2	+		2								2	1	1	1
<i>Cyclotella bodanica</i> Zulenst.															
<i>Cyclotella</i> Kütz. sp.															
<i>Diatom elongatum</i> (Lyngb.) C.A. Ag.															
<i>Fragilaria capucina</i> Desm.															
<i>Fragilaria cruxensis</i> Kirton															
<i>Melosira ambigua</i> (Grun.) O. Müll.				1	2	2	1	+	2	2		1	1	1	1
<i>Melosira distans</i> (Ehr.) Kütz.															
<i>Melosira Agardh</i> spp.		1		1	1							1			1
<i>Rhizosolenia erionais</i> H.L. Smith												1			
<i>Rhizosolenia longiseta</i> Zach.	2	1		2						1	1	2	3	1	1
<i>Tabellaria fenestrata</i> (Lyngb.) Kütz.		1	1	4	1	1	1	1	2	1	2	3	1	4	2
<i>Tabellaria fenestrata</i> var. <i>asterionelloides</i> Grun.	4	1													
<i>Tabellaria flocculosa</i> (Noth) Kütz.										+			+	+	
CHRYSOPHYCEAE															
<i>Dinobryon bavaricum</i> Imh.				1			1				1				
<i>Dinobryon divergens</i> Imh.	2		+				1								
<i>Dinobryon sociale</i> Ehr.	1								2	1					1
<i>Dinobryon sociale</i> var. <i>americanum</i> (Brunth.) Bachm.												2			
<i>Mallomonas fastigata</i> Zach.		1											2		
<i>Mallomonas reginae</i> Teil.													2		
<i>Mallomonas Fertz</i> sp.	4			1			1			2		1			2
<i>Scribneriella Joederleini</i> (Schmidle) Wille															
<i>Synura uvella</i> Ehr.	1	1										1		1	1
<i>Synura</i> Ehr. sp.															
DINOPHYCEAE															
<i>Ceratium hirundinella</i> (O. Müll.) Schrank		+									2		1	1	1
<i>Peridinium</i> Ehr. sp.	1	+											+		+

Tabell 373 Planteplankton i Aremarksjøen. September-håvtrekk 1961 - 1976.

ARTER	1961	1962	1963	1964	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
CYANOPHYCEAE														
Anabaena circinalis Rabenh.				2	+	1	1		1		+		2	+
Anabaena flos-aquae (Lyngb.) Bréb.	1		1	+		+		1	+	1		1		
Anabaena planctonica Brunnth.		1	1	2						2			1	
Anabaena spiroides Klebahn	1					2								
Anabaena Bory sp.	1		1	1	1	1		1	1				+	
Aphanizomenon flos-aquae (L.) Ralfs		2	3	1	1	1			2	1	1	+		
Aphanocapsa delicatissima W.A.C.S.West														+
cf. Aphanothece Næg. sp.														1
Coelosphaerium cf. Kützingerianum Næg.														1
Coelosphaerium neagalium Unger	3	3	4	4	3	3	2	1	3	2	1	2	3	1
Gomphosphaeria lacustris Chod.					1		+				+	3	1	1
Microcystis aeruginosa Kütz.							+							
Microcystis flos-aquae (Witzl.) Kirchn.							+							
Oscillatoria agardhii var. isothrix Skuja	+		+	1				1				4	1	1
Oscillatoria limosa Ag.														
Oscillatoria cf. tenuis Ag.														
Oscillatoria Vaucher sp.		+												
Pseudanabaena catenata Laut.							1							
CHLOROPHYCEAE														
Arthrodesmus lous (Bréb.) Hass.									1					
Botryococcus braunii Kütz.				+		1	1	1	1	2		1	1	1
Closterium Kützingerii Bréb.									+					
Coelastrum microporum Næg.	1					+								
Cosmarium Corda spp.	1				+	+		1	1			1	1	
Crucigenia rectangularis (A.Braun) Gay														
Crucigenia tetrapedia (Kirchn.) W.S.G.S.West							+		1			1		
Dictyosphaerium cf. elegans Bachm.														1
Dictyosphaerium pulchellum Wood			+		1	1	2		2	+	2	2	2	
Dictyosphaerium Næg. sp.	1													
Euastrum Ehr. sp.							+							
Eudorina elegans Ehr.				1	+	1	1	1						
cf. Gemellificystis neglecta Teiling em. Skuja	1								1					
cf. Gloeocystis Næg. sp.														
Kirchneriella obesa (W.West) Schmidle					1	1	1	1	1				+	1
Nephrocystium agardhianum Næg.												1	1	1
Oocystis lacustris Chod.														
Oocystis Næg. sp.														
Pandorina morum (Müller) Bory			+			+	1	+	+	1				
Paulschulzia pseudovolvox (Schulz) Skuja						+	+							
Pediastrum boryanum (Turp.) Menegh.				+			+							1
Pediastrum duplex Meyen							+							
Quadrigula pfitzeri (Schroeder) Printz							1		1		+	1	1	1
Scenedesmus quadricauda (Turp.) Bréb.							+							
Scenedesmus Meyen sp.							+							
Sphaerocystis Schroeteri Chod.														
Spondylosetium planum (Wolle) W.S.G.S.West	1		1			1	+	+		1		1	1	
Staurastrum cf. apiculatum Bréb.						2	2	+	2	1				
Staurastrum cf. cuspidatum Bréb.								2						2
Staurastrum cf. gracile														2
Staurastrum Meyen spp.	2	1	1	1	1	1			1	+	1	1	2	2
Staurodesmus Teiling sp.											+	2	1	+
Xanthidium antilopaeum (Bréb.) Kütz.	+			+		+			2	1			1	+
Xanthidium antilopaeum cf. var. hebridarum												+		
W.S.G.S.West														
BACILLARIOPHYCEAE														
Asterionella formosa Hass.	3	1	1	1	2	1	1	1		2	4	4	4	1
Arthea zachariasii Brun.	3	1	3	3	+		1		+	1	2	2	2	3
cf. Cyclotella Kütz. sp.							1							
Fragilaria capucina Desm.								+						
Fragilaria crotonensis Kitton	1		2	1	1	+	1	2	1	1	1	1	1	2
Gomphonema Ag. sp.														
Melosira distans (Ehrenb.) Kütz.													+	3
Melosira Agardh sp.	+	1		1								1	+	+
Rhizosolenia erianais H.L.Smith														
Rhizosolenia longicauda Zach.	1			1	1				1	2	2	3	2	2
Stauroneis cf. anceps Ehr.														
Tabellaria fenestrata (Lyngb.) Kütz.	4	3	3	4	2	1	1	3	2	2	2		3-4	3
Tabellaria fenestrata var. asterionelloides Grun.													+	+
Tabellaria flocculosa (Noth) Kütz.				1	+	+	+		+					
CHRYSOPHYCEAE														
Dinobryon bavaricum Imh.	1			1	1	1			1	2	1	3	1	1
Dinobryon divergens Imh.	3	1		2	2	1	1	1	1	2-4	2	2	2	1
Dinobryon sociale Ehr.	1												1	1
Dinobryon sociale var. americanum (Brunth.)											2-3	2	2	
Mallomonas fastigata Zach.			2							1		1	2	
Mallomonas reginae Teil.													2	
Mallomonas Parry sp.	1			1	2			+	2				2	1
Salpingoeca frequentissima (Zach.) Lemm.												2	2	
Stichogoea doederleinii (Schmidle) Willie												1	2	1
Symura uvella Ehr.	1	1	+								3	1	2	
Uroglena americana Calk.												1		
DINOPHYCEAE														
Ceratium hirundinella (O.Mill.) Schrank	1	+	+				+				1	1	2	2
Peridinium cf. williei Hustf.-Kass		1									+			
Peridinium Ehr. sp.				1		1			+			+	2	+

Tabell 374 Plantep plankton i Aspern.

September-håvtrekk 1967 - 1976.

ARTER	1967	1968	1969	1970	1971	1972	1973	1974	1976
CYANOPHYCEAE									
Anabaena circinalis Rabenh.	2	2	2		2			1	1
Anabaena flos-aquae (Lyngb.) Bréb.	+			+	3			+	
Anabaena planctonica Brunth.		+				+			2
Anabaena spiroides Klebahn									1
Anabaena Bory sp.	3			1					
Aphanizomenon flos-aquae (L.) Ralfs	1			1	+	1	+		
Chroococcus Næg. sp.									+
Coelosphaerium naegelianum Unger	3	3	3	1	4	3	1	3	3
Gomphosphaeria aponina Kütz.			+						
Gomphosphaeria lacustris Chod.	1	2	2		+			1	
Microcystis flos-aquae (Wittr.) Kirchn.					3				
Oscillatoria agardhii var. isothrix Skuja	+			+				+	1
Oscillatoria splendida Grev.						+			
Oscillatoria cf. tenuis Ag.				+					
CHLOROPHYCEAE									
Arthrodesmus incus (Bréb.) Hass.					+				
Botryococcus braunii Kütz.			+	+	2	1	+	1	1
Closterium Nitzsch sp.						+			
Cosmarium Corda sp.	+			1				1	1
Crucigenia rectangularis (A.Braun) Gay					+			1	1
Dictyosphaerium pulchellum Wood	+		1	1		1	1	1	
Eudorina elegans Ehr.			+	1		1	1		
cf. Gloeocystis Næg. sp.		2	+						
Nephrocytium agardhianum Næg.	+							+	
Oocystis lacustris Chod.								+	
Oocystis Næg. sp.			2		+				1
Pandorina morum (Müller) Bory	+	1	1						
Paulschulzia pseudovolvox (Schulz) Skuja						2			
Pediastrum boryanum (Turp.) Menegh.				+					
Pediastrum tetras (Ehr.) Ralfs								+	
Quadrigula pfitzeri (Schroeder) Printz			1					3	1
Scenedesmus Meyen sp.			+	+			+		
Sphaerocystis schroeteri Chod.								2	
Spondylosium planum (Wolle) W.&G.S.West		1		+					
Staurastrum cf. apiculatum Bréb.	1	2	1	1					
Staurastrum Meyen spp.	2	2	1	2	+	+	2	2	2
Xanthidium antilopaeum (Bréb.) Kütz.	1	+	+	2		+		+	1
Xanthidium Ehr. sp.							1		
BACILLARIOPHYCEAE									
Asterionella formosa Hass.	2	+	3	2	+	2	3	3	1
Attheya zachariasii Brun.	+		3	1	1	2	2	4	+
cf. Cyclotella Kütz. sp.			2						
Fragilaria crotonensis Kitton	1	1	1	2		1	+	+	
Melosira distans (Ehrenb.) Kütz.								+	
Melosira islandica O.Müll.			1						
Melosira Agardh spp.		1					1		1
Rhizosolenia eriensis H.L.Smith	1					1		1	
Rhizosolenia longiseta Zach.	1		2	1	+	1	2	4	3
Surirella Turp. sp.					+				
Synedra ulna (Nitz.) Ehrenb.							+		
Tabellaria fenestrata (Lyngb.) Kütz.	2	3	2	3	2	3	2	4	3
Tabellaria fenestrata var. asterionelloides Grun.}									
Tabellaria flocculosa (Roth) Kütz.		1			+	1			
CHRYSOPHYCEAE									
Dinobryon bavaricum Imhof						1		+	1
Dinobryon divergens Imhof	2	1	1	+		2	1	1	1
Dinobryon sociale Ehr.				+					2
Dinobryon sociale var. americanum (Brunth.) Bachm.						2		1	
Mallomonas cf. allorgei (Defl.) Conr.			2						
Mallomonas fastigata Zach.								1	
Mallomonas Perty spp.	+		+	1			2		2
Salpingoeca frequentissima (Zach.) Lemm.						2		2	
Stichogloea doederleinii (Schmidle)								1	1
Synura uvella Ehr.						+	1	1	2
DINOPHYCEAE									
Ceratium cornutum (Ehr.) Clap. & Lachm.	+								
Ceratium hirundinella (O.Müll.) Schrank	1	+	+	1		1	1	+	1
Peridinium Ehr. sp.		1	+	1					2

ARTER	1961	1963	1964	1967	1968	1969	1970	1971	1972	1973	1974	1976
CYANOPHYCEAE												
Anabaena circinalis Rabenh.	1		1	2				+				1
Anabaena flos-aquae (Lyngb.) Bréb.	2			+	1	+	+	+	2	1		+
Anabaena planctonica Brunth.		2	2						3			1
Anabaena spiroides Klebahn		1										+
Anabaena Bory sp.		1		3	1		2					+
Aphanizomenon flos-aquae (L.) Ralfs		1	1	1			+		1	+		+
Coelosphaerium naegelianum Unger	4	3	4	3	3	2	2	3	4	2	3	3
Gomposphaeria lacustris Chod.	+		+		1	+		1				
Merismopedia glauca (Ehr.) Näg.												1
Merismopedia Meyen sp.												
Microcystis flos-aquae (Witttr.) Kirchn.					+							
Microcystis Kütz. sp.	+											+
Oscillatoria agardhii var. isothrix Skuja		+	+	+	+	+				+		+
Oscillatoria Vaucher sp.												+
CHLOROPHYCEAE												
Arthrodesmus incus (Bréb.) Hass.	1											
Botryococcus braunii Kütz.	2		+		1	+	2			+	1	1
Closterium Nitzsch sp.										+		
Coelastrum cf. cambricum Arch.										+		+
Coelastrum microporum Näg.								+				+
Cosmarium Corda sp.				+				+				1
Crucigenia rectangularis (A. Braun) Gay											1	1
Crucigenia tetrapedia (Kirchn.) W. & G.S. West												
Dictyosphaerium pulchellum Wood	1	1			1	1			1			+
Euastrum verrucosum Ehr.										+		
Eudorina elegans Ehr.			1		1	+	1			2		
cf. Gemelliscystis neglecta Teiling em. Skuja			1									
cf. Gloeocystis Näg. sp.									+			
Kirchneriella obesa (W. West) Schmidle	1											
Micrasterias americana (Ehr.) Ralfs												1
Nephrocytium agardhianum Näg.	1		+		+			+			1	1
Oocystis lacustris Chod.											1	
Oocystis Näg. sp.								+				+
Pandorina morum (Müller) Bory					1				1			
Paulschulzia pseudovolvox (Schulz) Skuja					1				1			
Pediastrum boryanum (Turp.) Menegh.		+	1				+				1	1
Pediastrum duplex Meyen										1	1	1
Quadrigula pfitzeri (Schroeder) Printz						+			+		1	1
Scenedesmus Meyen sp.												1
Sphaerocystis schroeteri Chod.												
Spondylosium planum (Wolle) W. & G.S. West		+	1		1				+	+		
Staurastrum cf. apiculatum Bréb.					1			+				
Staurastrum aretiscum (Ehr.) Lund					1					+		
Staurastrum cf. cuspidatum Bréb.					1	1	1	2				
Staurastrum ophiura Lund												
Staurastrum Meyen spp.		1	1	1	1	+	2	1	1	2	2	3
Staurodesmus Teiling spp.	2								1		2	
Tetmemorus Ralfs sp.										+		
Ulotrichal grønnaige									1			
Xanthidium antilopaeum (Bréb.) Kütz.			+	+	1	+	1	2	1	+	1	1
Xanthidium antilopaeum (Bréb.) Kütz. var.									1		1	
Xanthidium Ehr. sp.	1								2	2		
BACILLARIOPHYCEAE												
Asterionella formosa Hass.	3	2	2	2	1	1	2	2	2	2	3	1
Attheya zachariasii Brun.			1		1	+	+		1	1	1	
cf. Cyclotella Kütz. sp.						1						
Fragilaria capucina Desm.						+						
Fragilaria construens (Ehr.) Grun.							+					
Fragilaria crotonensis Kitton				2			1		+			
Fragilaria Lyngb. sp.										1		
Melosira distans (Ehrenb.) Kütz.											1	
Melosira Ag. sp.			1				1					
Rhizosolenia ariensis H.L. Smith					1							
Rhizosolenia longiseta Zach.	2		1		1	1		2	1	3	4	1
Stenopteroberia intermedia (Lewis) Fricke										+		
Tabellaria fenestrata (Lyngb.) Kütz.	3	4	3	1	1	3	3	3	3	3	3	3
Tabellaria fenestrata var. asterionelloides Grun.												
Tabellaria flocculosa (Roth) Kütz.			1	+		1	1	+	+	1	2	1
CHRYSOPHYCEAE												
Chrysophaerella longispina Laut.										+		
Dinobryon bavarium Imh.	1								2	+		
Dinobryon cylindricum Imh.	2								2			1
Dinobryon divergens Imh.	2								2	1	1	
Dinobryon sociale var. americanum (Brunth.) Bachm.					1	+	1	1	1			
Mallomonas cf. allorgei (Delf.) Conr.												
Mallomonas fastigata Zach.									1		1	
Mallomonas Perty spp.	1		1	1		1	+					2
Stichoglossa doederleinii (Schmidle) Wille			+									2
Synura uvella Ehr.	3							2		1		
DINOPHYCEAE												
Ceratium hirundinella (O.Müll.) Schrank	2	+	+	+	+	+	1	2			2	2
Peridinium cf. willei Huitf.-Kaas			1									
Peridinium Ehr. sp.						+	1					+