

Supplementary Material

Drivers of macrophyte and diatom diversity in a shallow hypertrophic lake

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Table S6. List of diatom taxa found in particular samples of epiphyton of the Dehtář fishpond in 2015, 2016 and 2019. At least 400 diatom valves were counted and identified in each sample. In the case of the occurrence of highly dominant species where a higher number of diatom cells occurred at one site, all of them were counted, resulting usually in higher counts than 400 diatom valves in a sample. Each taxon is given a colour according to its affiliation to a particular FT group: green – planktonic taxa from FT1, red – attached periphytic taxa from FT2, purple – attachable benthic araphid taxa from FT3, yellow – attachable benthic taxa with raphe with fibulae from FT4, blue – motile benthic raphid taxa from FT5.

year 2015	F1	F2	F3	F4	F5	F6	F7	F8	B9	B10	B11	B12	B13	B14	B15	B16	B17	D18	D19	D20	D21
<i>Cyclotella meneghiniana</i> Kützing	0	0	0	4	1	1	2	0	0	8	1	1	0	5	2	0	2	3	0	0	1
<i>Cymatopleura solea</i> (Brébisson) W. Smith	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
<i>Cymbella cf. subcistula</i> Krammer	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cymbella neocistula</i> Krammer	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
<i>Cymbella</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Discostella pseudosteligera</i> (Hustedt) Houk & Klee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Encyonema auerswaldii</i> Rabenhorst	6	10	1	26	2	4	12	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Encyonema minutum</i> agg.	1	2	3	2	2	0	1	0	0	1	0	1	0	0	0	0	1	2	1	1	1
<i>Epithemia</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eunotia bidens</i> Ehrenberg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eunotia bilunaris</i> (Ehrenberg) Schaarschmidt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eunotia</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fallacia pygmaea</i> (Kützing) A.J.Stickle & D.G.Mann	0	1	0	0	0	2	0	0	1	0	1	0	2	3	2	0	5	1	0	1	0
<i>Fistulifera saprophila</i> (Lange-Bertalot & Bonik) Lange-Bertalot	5	3	6	0	4	0	0	0	0	0	0	0	0	4	0	0	2	6	0	0	1
<i>Fragilaria capucina</i> Desmazières	0	2	1	0	0	3	0	0	0	0	0	1	1	0	0	0	0	2	1	1	7
<i>Fragilaria gracilis</i> Østrup	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria perdelicatissima</i> Lange-Bertalot & Van de Vijver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria radians</i> (Kützing) D.M. Williams & Round	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria recapitulata</i> Lange-Bertalot & Metzeltin	0	0	0	0	0	0	0	2	0	0	1	2	0	1	0	1	0	1	2	2	2
<i>Fragilaria rumpens</i> (Kützing) Carlson	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria saxoplanctonica</i> Lange-Bertalot & Ulrich	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria tenera</i> (W.Smith) Lange-Bertalot	7	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
<i>Fragilaria vaucheriae</i> (Kützing) Petersen	1	1	1	9	0	0	1	0	0	0	2	0	0	0	0	0	0	1	0	1	0
<i>Fragilariforma virescens</i> (Ralfs) D.M. Williams & Round	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Frustulia vulgaris</i> (Thwaites) De Toni	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Geisleria cummerowi</i> (L. Kalbe) Lange-Bertalot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Geisleria</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gomphonema clavatum</i> Reichardt	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Gomphonema graciledictum</i> Reichardt	5	4	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Gomphonema innocens</i> Reichardt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
<i>Gomphonema italicum</i> Kützing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gomphonema minutum</i> (C. Agardh) C. Agardh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gomphonema pala</i> Reichardt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gomphonema parvulum</i> agg.	24	38	6	19	29	21	50	1	0	9	0	2	0	2	0	6	7	7	6	1	24

year 2015	F1	F2	F3	F4	F5	F6	F7	F8	B9	B10	B11	B12	B13	B14	B15	B16	B17	D18	D19	D20	D21
<i>Gomphonema pseudaugur</i> Lange-Bertalot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gomphonema pumilum</i> (Grunow) Reichardt & Lange-Bertalot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gomphonema sarcophagus</i> Gregory	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gomphonema subclavatum</i> (Grunow) Grunow	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma acuminatum</i> (Kützing) Rabenhorst	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma kuetzingii</i> (Grunow) Cleve	0	0	0	2	1	1	0	0	1	0	0	0	2	1	3	0	2	0	3	1	1
<i>Halamphora veneta</i> (Kützing) Levkov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Hantzschia abundans</i> Lange-Bertalot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
<i>Hippodonta capitata</i> (Ehrenberg) Lange-Bertalot, Metzeltin & Witkovski	5	2	7	0	0	4	2	0	2	5	3	2	3	3	9	1	4	1	0	3	0
<i>Lemnicola hungarica</i> (Grunow) Round & Basson	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Luticola</i> cf. <i>saprophila</i> Levkov, Metzeltin & Pavlov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Luticola</i> cf. <i>ventricosa</i> (Kützing) D.G. Mann	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Luticola</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i> C. Agardh	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
<i>Meridion circulare</i> agg.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula antonii</i> Lange-Bertalot	1	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
<i>Navicula capitatoradiata</i> Germain	249	112	59	159	202	228	190	2	26	13	14	28	13	23	12	17	20	47	18	57	49
<i>Navicula</i> cf. <i>upsaliensis</i> (Grunow) Peragallo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula cryptocephala</i> Kützing	22	9	12	4	12	23	0	0	5	21	10	1	9	20	0	5	17	10	7	33	14
<i>Navicula cryptotenella</i> Lange-Bertalot	1	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
<i>Navicula cryptotenelloides</i> Lange-Bertalot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula erifuga</i> Lange-Bertalot	0	0	0	0	0	0	0	0	5	18	10	8	1	6	14	5	3	0	2	12	0
<i>Navicula gregaria</i> Donkin	7	5	13	0	4	7	0	0	0	3	2	1	4	10	1	1	8	4	1	0	3
<i>Navicula ingrata</i> Krasske	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula lacuum</i> Lange-Bertalot, G. Hofmann, Werum & Van de Viver	2	1	1	0	1	2	0	0	9	8	4	1	7	6	3	1	0	2	0	0	0
<i>Navicula lanceolata</i> (C. Agardh) Ehrenberg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula menisculus</i> Schumann	0	0	1	0	0	1	0	0	1	4	1	0	0	0	0	2	0	0	0	0	0
<i>Navicula meniscus</i> Schumann	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
<i>Navicula reichardtiana</i> Lange-Bertalot	3	3	2	0	4	0	1	0	3	8	1	3	3	9	4	1	14	9	2	16	2
<i>Navicula simulata</i> Manguin	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula slesvicensis</i> Grunow	0	0	0	0	0	1	0	0	0	0	2	0	0	0	1	0	0	0	1	0	1
<i>Navicula tenelloides</i> Hustedt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula tripunctata</i> (O.F. Müller) Bory	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula trivialis</i> Lange-Bertalot	0	0	2	0	0	1	0	1	7	32	21	10	6	11	9	3	16	13	2	25	6

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<i>Navicula upsaliensis</i> (Grunow) Peragallo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
<i>Navicula viridula</i> (Kützing) Ehrenberg	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Neidium dubium</i> (Ehrenberg) Cleve	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
<i>Neidium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia acicularis</i> (Kützing) W. Smith	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia amphibia</i> Grunow	0	0	1	0	0	0	0	0	1	1	0	1	0	1	0	0	1	0	0	0	0
<i>Nitzschia archibaldii</i> Lange-Bertalot	29	87	25	0	20	11	0	0	2	12	3	4	4	12	3	1	19	21	5	32	14
<i>Nitzschia dissipata</i> (Kützing) Grunow	0	3	4	0	0	2	4	0	2	4	2	1	4	0	1	0	0	3	1	3	1
<i>Nitzschia filiformis</i> (W. Smith) Van Heurck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia linearis</i> (C. Agardh) W. Smith	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0
<i>Nitzschia palea</i> (Kützing) W. Smith	39	30	56	3	43	52	0	0	6	72	30	6	7	64	18	3	42	53	2	72	43
<i>Nitzschia paleacea</i> (Grunow) Grunow	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia perminuta</i> (Grunow) M. Peragallo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia pumila</i> Hustedt	0	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
<i>Nitzschia recta</i> Hantzsch	0	0	2	0	1	2	0	0	0	0	0	0	0	0	0	0	1	3	0	1	2
<i>Nitzschia solgensis</i> Cleve-Euler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Nitzschia subacicularis</i> Hustedt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pinnularia borealis</i> Ehrenberg	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Pinnularia brebissonii</i> (Kützing) Rabenhorst	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pinnularia dornii</i> Metzeltin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pinnularia gibba</i> Ehrenberg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pinnularia grunowii</i> Krammer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pinnularia isselana</i> Krammer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pinnularia marchia</i> I. Schönfelder ex Krammer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pinnularia neomajor</i> Krammer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pinnularia obscura</i> Krasske	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pinnularia pseudogibba</i> Krammer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pinnularia schoenfelderii</i> Krammer	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	1	1	0	0	0	0
<i>Pinnularia sinistra</i> Krammer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pinnularia subcapitata</i> Gregory	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pinnularia subgibba</i> Krammer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pinnularia viridiformis</i> Krammer	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0

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<i>Placoneis anglica</i> (Ralfs) E.J.Cox	0	0	0	0	0	2	0	0	4	6	5	3	8	3	5	0	1	0	0	0	0
<i>Placoneis clementioides</i> (Hustedt) Cox	5	7	8	4	4	7	3	0	7	4	2	3	15	8	6	5	4	0	0	0	0
<i>Placoneis clementis</i> (Grunow) Cox	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Placoneis paraelginensis</i> Lange-Bertalot	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Placoneis placentula</i> (Ehrenberg) Heinzerling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Placoneis pseudanglica</i> (Lange-Bertalot) Cox	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Placoneis</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Planothidium</i> cf. <i>dau</i> i (Foged) Lange-Bertalot	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Planothidium delicatulum</i> (Kützing) Round & Bukhtiyarova	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Planothidium frequentissimum</i> (Lange-Bertalot) Lange-Bertalot	2	2	4	2	2	0	0	1	0	0	0	0	0	3	2	0	10	1	0	3	5
<i>Planothidium lanceolatum</i> (Brébisson ex Kützing) Lange-Bertalot	0	0	0	0	1	0	0	0	1	0	0	0	1	6	0	0	1	1	0	0	9
<i>Pseudostaurosira brevistriata</i> (Grunow) Williams & Round	14	26	35	36	5	39	47	229	15	9	23	31	41	19	39	79	43	23	39	30	45
<i>Pseudostaurosira elliptica</i> (Schumann) Edlund, Morales & Spaulding	0	3	19	31	2	14	13	34	160	122	178	218	264	160	212	143	127	213	210	125	99
<i>Puncticulata balatonis</i> (Pantocsek) Wojtal & Budzy	30	10	27	20	11	28	29	24	22	5	4	5	7	7	8	24	15	10	21	20	17
<i>Rhoicosphenia abbreviata</i> (C. Agardh) Lange-Bertalot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rosithidium petersenii</i> (Hustedt) Round & Bukhtiyarova	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sellaphora bacillum</i> (Ehrenberg) D.G.Mann	0	3	2	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0	0	0	0
<i>Sellaphora pupula</i> (Kützing) Mereschkovsky	4	9	9	0	5	9	2	0	1	29	14	3	14	6	4	0	1	1	0	6	0
<i>Stauroneis leguminopsis</i> Lange-Bertalot & Krammer	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stauroneis</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stauroneis subgracilis</i> Lange-Bertalot et Krammer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Staurosira binodis</i> (Ehrenberg) Lange-Bertalot	2	5	2	3	0	0	9	6	13	6	11	6	11	2	7	10	3	0	3	5	1
<i>Staurosira</i> cf. <i>venter</i> (Ehrenberg) Grunow	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Staurosira construens</i> Ehrenberg	0	1	0	4	0	2	1	2	4	4	5	2	4	2	4	4	1	0	0	0	3
<i>Staurosirella leptostauron</i> var. <i>dubia</i> (Grunow) M.B. Edlund	39	44	53	75	23	24	45	137	44	16	33	43	53	33	35	97	74	27	66	43	48
<i>Stephanodiscus hantzschii</i> Grunow	4	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0
<i>Surirella angusta</i> Kützing	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella brebissonii</i> Krammer & Lange-Bertalot	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	0	1	0
<i>Surirella minuta</i> Brébisson	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
<i>Tryblionella salinarum</i> (Grunow) Pantocsek	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ulnaria acus</i> (Kützing) Aboal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ulnaria grunowii</i> (Lange-Bertalot & Ulrich) Cantonati & Lange-Bertalot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ulnaria ulna</i> (Nitzsch) P.Compère	0	0	0	0	0	0	0	1	0	0	1	1	0	0	2	0	1	1	3	0	2

year 2016	F1-16	F2-16	F3-16	F4-16	F5-16	F6-16	F7-16	F8-16	F9-16	F10-16	F11-16	B12-16	B13-16	B14-16	B15-16	B16-16	B17-16	B18-16	B19-16	B20-16	B21-16	B22-16	B23-16	B24-16	B25-16	B26-16	B27-16	B28-16	B29-16
	<i>Bolboschoenus laticarpus</i>	<i>Carex acuta</i>	<i>Phalaris arundinacea</i>	<i>Glyceria maxima</i>	<i>Salix triandra</i>	<i>Persicaria amphibia</i>	<i>Bolboschoenus laticarpus</i>	<i>Lemna gibba</i>	<i>Spirodela polyrrhiza</i>	<i>Lythrum salicaria</i>	<i>Poa palustris</i>	<i>Phragmites australis</i>	<i>Phalaris arundinacea</i>	<i>Alopecurus aequalis</i>	<i>Spirodela polyrrhiza</i>	<i>Lemna gibba</i>	<i>Glyceria maxima</i>	<i>Ranunculus sceleratus</i>	<i>Persicaria hydropiper</i>	<i>Veronica anagallis-aquatica</i>	<i>Persicaria amphibia</i>	<i>Poa palustris</i>	<i>Juncus effusus</i>	<i>Ranunculus flammula</i>	<i>Agrostis stolonifera</i>	<i>Alopecurus geniculatus</i>	<i>Juncus articulatus</i>	<i>Veronica scutellata</i>	<i>Potamogeton crispus</i>
<i>Achnanthes</i> sp.	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
<i>Achnanthidium catenatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Achnanthidium</i> cf. <i>affine</i>	0	0	0	0	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Achnanthidium minutissimum</i>	31	42	56	76	33	21	93	5	13	95	179	83	4	8	1	16	3	3	1	1	1	2	1	0	1	0	1	0	0
<i>Achnanthidium saprophilum</i>	147	49	42	10	65	38	139	6	11	108	89	32	12	3	1	0	7	2	5	12	2	66	2	4	6	4	35	6	0
<i>Adlafia minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphora copulata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphora lange-bertalotii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	3	0	0	0	1	0	0	0	0	0	0
<i>Amphora ovalis</i>	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
<i>Amphora pediculus</i>	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Anomoeoneis sphaerophora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionella formosa</i>	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Aulacoseira ambigua</i>	6	7	20	48	8	24	0	13	27	10	10	21	0	6	0	13	2	5	5	13	7	4	2	1	11	0	2	0	10
<i>Aulacoseira muzzanensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Aulacoseira</i> sp.	1	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	1	1	0	2	0	2	1	0	0	6	0	0	0
<i>Caloneis lancettula</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Caloneis silicula</i>	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis pediculus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis placentula</i>	185	95	71	106	82	62	21	1	1	42	42	2	1	12	0	0	7	1	4	1	0	0	1	0	0	0	0	0	111
<i>Craticula ambigua</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Craticula</i> cf. <i>halophila</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Craticula cuspidata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Craticula</i> sp.	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0
<i>Craticula subminuscula</i>	0	8	4	2	10	3	8	1	0	0	0	85	86	0	0	0	10	1	2	0	5	2	0	0	0	0	1	0	0
<i>Cyclostephanos dubius</i>	0	0	0	2	0	1	0	0	0	1	0	0	0	2	0	0	3	2	0	1	5	0	4	0	0	1	2	5	5
<i>Cyclotella atomus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	11	1	0	0	0	0	0

year 2016	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25	B26	B27	B28	B29
<i>Cyclotella meneghiniana</i>	0	0	0	1	0	0	0	0	0	0	0	1	0	16	3	5	2	2	3	7	13	25	6	47	3	4	11	8	0
<i>Cymatopleura solea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Cymbella cf. subcistula</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cymbella neocistula</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cymbella sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Discostella pseudosteliger</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Encyonema auerswaldii</i>	1	0	0	0	0	0	0	0	0	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Encyonema minutum</i> agg.	7	21	19	7	9	35	7	1	0	11	15	9	15	2	0	6	6	1	1	2	8	0	0	0	0	0	0	0	33
<i>Epithemia sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eunotia bidens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<i>Eunotia bilunaris</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	19	160	85	46	1	0	13	1	4	0	0	3	0
<i>Eunotia sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
<i>Fallacia pygmaea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fistuliifera saprophila</i>	0	1	6	14	36	7	8	1	5	0	0	9	96	1	1	7	0	6	1	0	1	0	0	2	1	0	1	0	0
<i>Fragilaria capucina</i>	0	1	0	9	0	2	0	1	0	0	2	0	9	3	0	0	0	7	2	4	0	1	3	2	1	0	0	1	0
<i>Fragilaria gracilis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0
<i>Fragilaria perdelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria radians</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria recapitellata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<i>Fragilaria rumpens</i>	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria saxoplanctonica</i>	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Fragilaria tenera</i>	4	0	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria vaucheriae</i>	1	3	5	4	1	2	0	0	0	0	2	0	0	1	0	0	11	7	4	4	0	0	5	7	2	0	0	2	4
<i>Fragilariforma virescens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Frustulia vulgaris</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Geisleria cummerowi</i>	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Geisleria sp.</i>	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gomphonema clavatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gomphonema graciledictum</i>	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0
<i>Gomphonema innocens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gomphonema italicum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1
<i>Gomphonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Gomphonema pala</i>	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gomphonema parvulum</i> agg.	13	75	20	34	32	39	48	0	11	35	68	40	25	10	0	11	27	10	23	10	10	0	5	6	1	3	5	5	147

year 2016	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25	B26	B27	B28	B29	
<i>Navicula upsaliensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Navicula viridula</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Neidium dubium</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Neidium sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
<i>Nitzschia acicularis</i>	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	7	0	0
<i>Nitzschia amphibia</i>	0	0	0	4	1	0	0	0	0	0	0	1	0	1	3	2	0	0	10	12	19	0	0	3	4	7	1	0	5	8
<i>Nitzschia archibaldii</i>	7	0	8	10	0	10	28	1	0	0	19	85	0	215	400	412	9	0	6	2	287	116	0	85	43	61	207	33	0	
<i>Nitzschia dissipata</i>	0	1	2	0	0	0	0	0	0	0	4	2	3	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0	2	
<i>Nitzschia filiformis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
<i>Nitzschia linearis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Nitzschia palea</i>	1	145	22	9	20	20	21	4	25	23	25	6	109	66	24	2	159	29	88	43	32	258	51	119	299	364	69	240	23	
<i>Nitzschia paleacea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	6	0	0	0	8	1	
<i>Nitzschia perminuta</i>	0	1	0	0	1	0	0	0	0	2	0	0	0	0	2	0	9	1	1	1	0	0	3	0	1	1	4	0	0	
<i>Nitzschia pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Nitzschia recta</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
<i>Nitzschia solgensis</i>	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Nitzschia subacicularis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	3	0	0	3	0	9	1	4	0	5	0	
<i>Nitzschia sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Pinnularia borealis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	5	0	0	0	0	0	0	
<i>Pinnularia brebissonii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Pinnularia dornii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
<i>Pinnularia gibba</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Pinnularia grunowii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	3	0	0	0	0	0	0	0	0	0	
<i>Pinnularia isselana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
<i>Pinnularia marchia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	18	34	0	0	12	6	0	0	0	2	0	
<i>Pinnularia neomajor</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
<i>Pinnularia obscura</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	3	9	0	0	0	2	0	0	0	4	0	0	
<i>Pinnularia pseudogibba</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	2	0	0	0	0	0	0	
<i>Pinnularia schoenfelderi</i>	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Pinnularia sinistra</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4	1	0	0	5	0	5	6	0	9	0	
<i>Pinnularia subcapitata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	9	1	0	0	22	0	0	0	0	0	0	
<i>Pinnularia subgibba</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	2	1	1	0	0	0	0	0	0	1	0	0	
<i>Pinnularia viridiformis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	36	5	12	3	0	0	18	2	0	0	8	0	

year 2016	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25	B26	B27	B28	B29
<i>Placoneis anglica</i>	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
<i>Placoneis clementioides</i>	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Placoneis clementis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Placoneis paraelginensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
<i>Placoneis placentula</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Placoneis pseudanglica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Placoneis</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
<i>Planothidium</i> cf. <i>dau</i> i	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Planothidium delicatulum</i>	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Planothidium frequentissimum</i>	9	4	11	16	5	20	1	8	39	36	27	2	9	2	0	0	15	5	12	16	4	1	9	1	2	0	0	0	24
<i>Planothidium lanceolatum</i>	0	0	0	0	0	0	2	5	4	3	0	0	1	8	0	0	0	0	0	0	1	0	0	1	0	0	0	1	17
<i>Pseudostaurosira brevistriata</i>	1	0	2	27	0	0	2	0	1	1	0	5	0	1	0	0	0	8	24	0	0	5	3	0	0	0	6	3	1
<i>Pseudostaurosira elliptica</i>	0	0	2	13	0	0	2	0	6	0	1	4	0	5	0	0	8	12	7	20	0	6	9	4	0	0	12	3	0
<i>Puncticulata balatonis</i>	2	2	6	20	2	5	2	2	1	3	1	3	0	5	1	1	2	5	3	0	4	3	1	8	0	0	2	3	2
<i>Rhoicosphenia abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rossethidium petersenii</i>	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sellaphora bacillum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sellaphora pupula</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	0	1	1	0	2	0	0	0	1	0	0
<i>Stauroneis leguminopsis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<i>Stauroneis</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	4	0	0	0	0	0	0	0
<i>Stauroneis subgracilis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5	7	0	3	0	0	0	2	0	0	1	8	0
<i>Staurosira binodis</i>	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	3	8	1	7	0	0	3	1	0	0	0	1	0
<i>Staurosira</i> cf. <i>venter</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
<i>Staurosira construens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	7	0	0	2	1	0	0	0	0	0
<i>Staurosirella leptostauron</i> var. <i>dubia</i>	4	1	1	10	0	0	0	0	0	3	3	0	0	5	0	0	1	5	6	1	0	1	2	9	0	1	0	3	0
<i>Stephanodiscus hantzschii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	5	18	0	1	0	0	26	0	0	
<i>Surirella angusta</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	14	0	33	0	0	0	0	0	0	0	0	0
<i>Surirella brebissonii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Surirella minuta</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tryblionella salinarum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ulnaria acus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
<i>Ulnaria grunowii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
<i>Ulnaria ulna</i>	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	3	1	16	13	16	0	2	17	5	2	1	4	2	7

year 2019	F1-19 <i>Bolboschoenus laticarpus</i>	F2-19 <i>Limosella aquatica</i>	F3-19 <i>Zannichellia palustris</i>	F4-19 <i>Elatine hydropiper</i>	FN5-19 <i>Bolboschoenus laticarpus</i>	FN6-19 <i>Limosella aquatica</i>	FN7-19 <i>Elatine hydropiper</i>	FN8-19 <i>Zannichellia palustris</i>
<i>Achnanthes</i> sp.	2	0	0	0	1	1	0	0
<i>Achnanthidium catenatum</i>	0	0	0	0	0	0	0	0
<i>Achnanthidium</i> cf. <i>affine</i>	0	0	0	0	0	0	0	0
<i>Achnanthidium minutissimum</i>	4	5	7	16	49	30	43	0
<i>Achnanthidium saprophilum</i>	19	3	18	28	18	14	14	4
<i>Adlafia minuscula</i>	0	0	0	0	0	0	0	0
<i>Amphora copulata</i>	0	0	0	0	0	0	0	0
<i>Amphora lange-bertalotii</i>	3	1	4	1	0	0	0	4
<i>Amphora ovalis</i>	0	0	0	0	0	0	0	0
<i>Amphora pediculus</i>	1	0	0	0	0	0	0	0
<i>Anomoeoneis sphaerophora</i>	0	0	0	0	0	0	0	0
<i>Asterionella formosa</i>	0	0	0	0	0	0	0	0
<i>Aulacoseira ambigua</i>	18	4	7	7	12	5	13	14
<i>Aulacoseira muzzanensis</i>	0	0	0	0	0	0	0	0
<i>Aulacoseira</i> sp.	0	0	0	0	0	0	0	0
<i>Caloneis lancettula</i>	0	0	0	0	0	0	0	0
<i>Caloneis silicula</i>	0	0	0	0	0	0	0	0
<i>Cocconeis pediculus</i>	0	0	0	0	0	0	0	1
<i>Cocconeis placentula</i>	0	2	3	0	0	0	0	1
<i>Craticula ambigua</i>	0	0	0	0	0	0	0	1
<i>Craticula</i> cf. <i>halophila</i>	0	1	0	0	0	0	0	0
<i>Craticula cuspidata</i>	0	0	0	0	0	0	0	0
<i>Craticula</i> sp.	0	0	0	0	0	0	0	0
<i>Craticula subminuscula</i>	0	0	0	0	1	0	1	1
<i>Cyclostephanos dubius</i>	0	0	0	0	0	0	0	0
<i>Cyclotella atomus</i>	0	1	0	0	1	0	3	2

year 2019	F1	F2	F3	F4	FN5	FN6	FN7	FN8
<i>Cyclotella meneghiniana</i>	1	0	0	0	0	0	0	0
<i>Cymatopleura solea</i>	1	0	0	0	0	0	0	1
<i>Cymbella cf. subcistula</i>	0	0	0	0	0	0	0	0
<i>Cymbella neocistula</i>	0	0	0	0	0	0	0	0
<i>Cymbella sp.</i>	0	0	0	0	0	0	0	0
<i>Discostella pseudosteliger</i>	0	0	0	0	0	0	0	0
<i>Encyonema auerswaldii</i>	0	1	0	1	0	0	0	0
<i>Encyonema minutum</i> agg.	5	4	1	7	14	7	2	3
<i>Epithemia sp.</i>	0	0	0	0	0	0	0	0
<i>Eunotia bidens</i>	0	0	0	0	0	0	0	0
<i>Eunotia bilunaris</i>	0	0	0	0	0	0	0	0
<i>Eunotia sp.</i>	0	0	0	0	0	0	0	0
<i>Fallacia pygmaea</i>	0	0	0	0	0	0	0	0
<i>Fistuliifera saprophila</i>	0	0	2	0	3	3	1	3
<i>Fragilaria capucina</i>	1	5	1	2	0	0	3	3
<i>Fragilaria gracilis</i>	0	0	0	0	0	0	0	0
<i>Fragilaria perdelicatissima</i>	0	0	0	1	0	0	0	0
<i>Fragilaria radians</i>	1	0	0	0	0	0	0	0
<i>Fragilaria recapitellata</i>	0	0	0	0	0	0	0	0
<i>Fragilaria rumpens</i>	0	0	0	0	0	0	0	0
<i>Fragilaria saxoplanctonica</i>	0	0	0	0	0	0	2	2
<i>Fragilaria tenera</i>	0	0	0	0	0	2	0	0
<i>Fragilaria vaucheriae</i>	2	7	7	3	0	1	4	3
<i>Fragilariforma virescens</i>	0	0	0	0	0	0	0	0
<i>Frustulia vulgaris</i>	0	0	0	0	0	0	0	0
<i>Geisleria cummerowi</i>	0	0	0	0	0	0	0	0
<i>Geisleria sp.</i>	0	0	0	0	0	0	0	0
<i>Gomphonema clavatum</i>	0	0	0	0	0	0	0	0
<i>Gomphonema graciledictum</i>	0	0	1	0	0	0	0	0
<i>Gomphonema innocens</i>	0	0	0	0	0	0	0	0
<i>Gomphonema italicum</i>	0	0	0	0	0	0	0	0
<i>Gomphonema minutum</i>	0	2	1	0	0	0	0	0
<i>Gomphonema pala</i>	0	0	0	0	0	0	0	0
<i>Gomphonema parvulum</i> agg.	60	152	137	124	150	215	98	63

year 2019	F1	F2	F3	F4	FN5	FN6	FN7	FN8
<i>Gomphonema pseudaugur</i>	0	0	0	0	0	0	0	0
<i>Gomphonema pumilum</i>	0	0	0	0	0	0	0	0
<i>Gomphonema sarcophagus</i>	0	0	0	0	0	0	0	0
<i>Gomphonema subclavatum</i>	2	1	1	0	0	0	0	0
<i>Gyrosigma acuminatum</i>	0	0	0	0	0	0	0	0
<i>Gyrosigma kuetzingii</i>	0	0	0	0	0	0	0	0
<i>Halamphora veneta</i>	0	0	1	9	0	0	0	0
<i>Hantzschia abundans</i>	0	0	0	0	0	0	0	0
<i>Hippodonta capitata</i>	2	0	2	0	1	0	1	4
<i>Lemnicola hungarica</i>	0	0	0	0	0	0	0	0
<i>Luticola</i> cf. <i>saprophila</i>	0	0	0	0	0	0	0	0
<i>Luticola</i> cf. <i>ventricosa</i>	0	0	0	0	0	0	0	0
<i>Luticola</i> sp.	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0
<i>Meridion circulare</i> agg.	0	0	0	0	0	1	0	0
<i>Navicula antonii</i>	0	0	0	0	0	0	0	0
<i>Navicula capitatoradiata</i>	96	85	124	74	14	12	32	36
<i>Navicula</i> cf. <i>upsaliensis</i>	0	0	0	0	0	0	0	0
<i>Navicula cryptocephala</i>	13	6	4	4	6	5	11	10
<i>Navicula cryptotenella</i>	0	0	0	0	1	0	1	0
<i>Navicula cryptotenelloides</i>	0	0	0	0	0	0	0	0
<i>Navicula erifuga</i>	0	0	0	0	0	0	0	0
<i>Navicula gregaria</i>	0	0	0	0	0	0	0	0
<i>Navicula ingrata</i>	0	0	0	0	0	0	0	0
<i>Navicula lacuum</i>	2	3	1	2	2	3	3	4
<i>Navicula lanceolata</i>	0	0	0	0	0	0	0	0
<i>Navicula menisculus</i>	0	0	0	0	0	0	1	0
<i>Navicula meniscus</i>	0	0	0	0	0	0	0	0
<i>Navicula reichardtiana</i>	8	2	3	3	2	5	5	3
<i>Navicula simulata</i>	0	0	0	0	0	0	0	0
<i>Navicula slesvicensis</i>	0	0	0	0	0	0	0	0
<i>Navicula tenelloides</i>	0	0	0	0	0	0	0	0
<i>Navicula tripunctata</i>	0	0	0	0	0	0	0	0
<i>Navicula trivialis</i>	3	0	1	2	2	0	6	5

year 2019	F1	F2	F3	F4	FN5	FN6	FN7	FN8
<i>Navicula upsaliensis</i>	0	0	0	0	0	0	0	0
<i>Navicula viridula</i>	0	0	0	0	0	0	0	0
<i>Neidium dubium</i>	0	0	0	0	0	0	0	0
<i>Neidium sp.</i>	0	0	0	0	0	0	0	0
<i>Nitzschia acicularis</i>	0	0	0	0	0	0	0	0
<i>Nitzschia amphibia</i>	7	6	9	3	0	0	6	6
<i>Nitzschia archibaldii</i>	5	5	18	50	11	63	35	33
<i>Nitzschia dissipata</i>	0	1	0	3	2	0	0	0
<i>Nitzschia filiformis</i>	0	0	0	0	0	0	0	0
<i>Nitzschia linearis</i>	0	0	0	0	0	0	0	0
<i>Nitzschia palea</i>	12	3	11	8	2	4	6	3
<i>Nitzschia paleacea</i>	0	0	0	0	0	0	0	0
<i>Nitzschia perminuta</i>	0	0	0	0	0	0	0	0
<i>Nitzschia pumila</i>	0	0	0	0	0	0	0	0
<i>Nitzschia recta</i>	0	0	0	0	0	0	0	0
<i>Nitzschia solgensis</i>	0	0	0	0	0	0	5	0
<i>Nitzschia subacicularis</i>	0	0	0	0	0	0	0	0
<i>Nitzschia sp.</i>	1	0	0	0	0	0	0	0
<i>Pinnularia borealis</i>	0	0	0	0	0	0	0	0
<i>Pinnularia brebissonii</i>	0	0	0	4	0	0	0	0
<i>Pinnularia dornii</i>	0	0	0	0	0	0	0	0
<i>Pinnularia gibba</i>	0	0	0	0	0	0	0	0
<i>Pinnularia grunowii</i>	0	0	0	0	0	0	0	0
<i>Pinnularia isselana</i>	0	0	0	0	0	0	0	0
<i>Pinnularia marchia</i>	0	0	0	0	0	0	0	0
<i>Pinnularia neomajor</i>	0	0	0	0	0	0	0	0
<i>Pinnularia obscura</i>	0	0	0	0	0	0	0	0
<i>Pinnularia pseudogibba</i>	0	0	0	0	0	0	0	0
<i>Pinnularia schoenfelderi</i>	0	0	0	0	0	0	0	0
<i>Pinnularia sinistra</i>	0	0	0	0	0	0	0	0
<i>Pinnularia subcapitata</i>	0	1	0	0	0	0	1	0
<i>Pinnularia subgibba</i>	0	0	0	0	0	0	0	0
<i>Pinnularia viridiformis</i>	0	0	0	0	2	0	0	0

year 2019	F1	F2	F3	F4	FN5	FN6	FN7	FN8
<i>Placoneis anglica</i>	0	0	0	0	0	0	0	0
<i>Placoneis clementioides</i>	0	1	0	0	0	0	0	0
<i>Placoneis clementis</i>	0	0	0	0	0	0	0	0
<i>Placoneis paraelginensis</i>	0	0	0	0	0	0	0	0
<i>Placoneis placentula</i>	0	0	0	0	1	0	1	0
<i>Placoneis pseudanglica</i>	0	2	0	0	0	0	0	0
<i>Placoneis</i> sp.	0	0	0	0	0	0	0	0
<i>Planothidium</i> cf. <i>dau</i>	0	0	0	0	0	0	0	0
<i>Planothidium delicatulum</i>	0	0	0	0	0	0	0	0
<i>Planothidium frequentissimum</i>	22	12	2	13	7	5	4	1
<i>Planothidium lanceolatum</i>	0	0	0	1	0	0	0	0
<i>Pseudostaurosira brevistriata</i>	0	23	5	3	39	7	31	96
<i>Pseudostaurosira elliptica</i>	0	36	23	25	43	37	42	49
<i>Puncticulata balatonis</i>	7	2	1	8	4	3	3	4
<i>Rhoicosphenia abbreviata</i>	0	0	0	0	0	0	0	0
<i>Rosithidium petersenii</i>	0	0	0	0	0	0	0	0
<i>Sellaphora bacillum</i>	0	0	0	0	0	0	0	0
<i>Sellaphora pupula</i>	10	3	1	4	3	1	2	1
<i>Stauroneis leguminopsis</i>	0	0	0	0	0	0	0	0
<i>Stauroneis</i> sp.	0	0	0	0	0	0	0	0
<i>Stauroneis subgracilis</i>	0	0	0	0	0	0	0	0
<i>Staurosira binodis</i>	2	1	0	0	1	0	2	3
<i>Staurosira</i> cf. <i>venter</i>	0	0	0	0	0	0	0	0
<i>Staurosira construens</i>	0	0	0	0	0	0	0	0
<i>Staurosirella leptostauron</i> var. <i>dubia</i>	31	18	4	17	16	19	21	42
<i>Stephanodiscus hantzschii</i>	0	0	0	0	0	1	3	2
<i>Surirella angusta</i>	1	1	0	0	0	0	0	0
<i>Surirella brebissonii</i>	0	0	0	0	0	0	0	0
<i>Surirella minuta</i>	0	0	0	0	0	0	0	0
<i>Tryblionella salinarum</i>	0	1	0	0	0	0	0	0
<i>Ulnaria acus</i>	0	1	0	0	0	0	0	0
<i>Ulnaria grunowii</i>	0	0	0	0	0	0	0	0
<i>Ulnaria ulna</i>	1	0	0	0	0	0	1	0