

Appendix 1 – Diatom species list and relative abundances (in %) in biofilms translocated before transfer, and five weeks after translocation to Upstream, M1, MS, M2 and M3 in the Riera d’Osor.

a.f.: abnormal form. Densities (in cell/cm² of colonized substrate) and mortality (in %) are provided at the end of the table.

	CS, week 0, n=5		CS, week 5, n=3		Up, week 5, n=3		M1, week 5, n=3		MS, week 5, n=3		M2, week 5, n=3		M3, week 5, n=3	
	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.
<i>Achnantheidium bioretii</i> (H.Germ.) Edlund	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Achnantheidium affine</i> (Grunow) Czarn.	0 ± 0		0 ± 0		1 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Achnantheidium eutrophilum</i> (Lange-Bert.) Lange-Bert.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Achnantheidium minutissimum</i> (Kütz.) Czarn.	9 ± 1		2 ± 1		3 ± 1		1 ± 0		50 ± 1		1 ± 1		4 ± 2	
<i>Achnantheidium minutissimum</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		5 ± 0		1 ± 0		0 ± 0	
<i>Achnantheidium pyrenaicum</i> (Hust.) H.Kobayasi	16 ± 2		3 ± 1		1 ± 1		1 ± 1		4 ± 3		0 ± 0		3 ± 1	
<i>Achnantheidium pyrenaicum</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Achnantheidium saprophilum</i> (H.Kobayasi & Mayama) Round & Bukht.	1 ± 0		0 ± 0		0 ± 0		0 ± 0		5 ± 0		0 ± 0		1 ± 1	
<i>Achnantheidium saprophilum</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Achnantheidium subatomus</i> (Hust.) Lange-Bert.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Amphipleura</i> cf. <i>pellucida</i> Kütz.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Amphora copulata</i> (Kütz.) Schoeman & R.E.M.Archibald	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Amphora inariensis</i> Krammer	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Amphora ovalis</i> (Kütz.) Kütz.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Amphora pediculus</i> (Kütz.) Grunow	5 ± 2		8 ± 3		5 ± 0		2 ± 1		1 ± 0		0 ± 0		2 ± 1	
<i>Aulacoseira lirata</i> (Ehrenb.) R.Ross	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Caloneis amphisbaena</i> (Bory) Cleve f. <i>amphisbaena</i>	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Caloneis bacillum</i> (Grunow) Cleve	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		1 ± 0	
<i>Caloneis bacillum</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Caloneis hyalina</i> Hust.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Cocconeis pseudolineata</i> (Geitler) Lange-Bert.	1 ± 1		0 ± 0		2 ± 1		0 ± 0		0 ± 0		0 ± 0		1 ± 0	
<i>Cocconeis pediculus</i> Ehrenb.	0 ± 0		8 ± 6		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Cocconeis pediculus</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Cocconeis placentula</i> Ehrenb. var. <i>placentula</i>	3 ± 2		22 ± 4		18 ± 1		32 ± 4		1 ± 1		0 ± 0		35 ± 4	
<i>Cocconeis placentula</i> a.f.	0 ± 0		0 ± 0		0 ± 0		1 ± 0		0 ± 0		0 ± 0		1 ± 0	
<i>Cocconeis placentula</i> Ehrenb. var. <i>euglypta</i> (Ehrenb.) Grunow	0 ± 0		0 ± 0		0 ± 1		7 ± 3		0 ± 0		0 ± 0		12 ± 2	
<i>Cocconeis placentula</i> var. <i>euglypta</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	

	CS, week 0, n = 5		CS, week 5, n=3		Up, week 5, n=3		M1, week 5, n=3		MS, week 5, n=3		M2, week 5, n=3		M3, week 5, n=3	
	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.
<i>Cocconeis placentula</i> Ehrenb. var. <i>lineata</i> (Ehr.) Van Heurck	0 ± 0		2 ± 1		13 ± 2		16 ± 3		1 ± 0		0 ± 0		1 ± 0	
<i>Craticula</i> cf. <i>accomoda</i> (Hust.) D.G.Mann	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Craticula molestiformis</i> (Hust.) Lange-Bert.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Cyclotella atomus</i> Hust.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Cyclotella meneghiniana</i> Kütz.	0 ± 0		1 ± 1		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Diadasmus biceps</i> Arn. ex Grunow	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Diadasmus gallica</i> var. <i>perpusilla</i> (Grunow) Lange-Bert.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Diatoma mesodon</i> (Ehrenb.) Kütz.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Diatoma vulgare</i> Bory	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Diploneis oblongella</i> (Nägeli) Cleve-Euler	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Encyonopsis microcephala</i> (Grunow) Krammer	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Encyonema minutum</i> (Hilse in Rabenh.) D.G.Mann	1 ± 0		0 ± 0		0 ± 0		0 ± 0		1 ± 0		0 ± 0		0 ± 0	
<i>Encyonema prostratum</i> (Berk.) Kütz.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Encyonema prostratum</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Encyonema silesiacum</i> (Bleisch in Rabenh.) D.G.Mann	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Eolimna minima</i> (Grunow) Lange-Bert.	3 ± 1		1 ± 0		2 ± 1		1 ± 0		7 ± 2		62 ± 5		3 ± 1	
<i>Eolimna minima</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		3 ± 1		0 ± 0	
<i>Eolimna subminuscula</i> (Manguin) G.Moser Lange-Bert. & Metzeltin	17 ± 5		1 ± 0		1 ± 0		0 ± 0		1 ± 1		0 ± 0		1 ± 0	
<i>Eolimna subminuscula</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Eucoconeis laevis</i> (Østrup) Lange-Bert.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Eunotia</i> cf. <i>implicata</i> Nörpel, Lange-Bert. & Alles	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	
<i>Fallacia insociabilis</i> (Krasske) D.G.Mann	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Fallacia lenzi</i> (Hust.) Lange-Bert.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Fallacia subhamulata</i> (Grunow in Van Heurck) D.G.Mann	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Fragilaria capucina</i> Desm. var. <i>capucina</i>	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Fragilaria capucina</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Fragilaria capucina</i> Desm. var. <i>vaucheriae</i> (Kütz.) Lange-Bert.	1 ± 0		0 ± 0		1 ± 0		1 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Fragilaria capucina</i> var. <i>vaucheriae</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Frustulia vulgaris</i> (Thwaites) De Toni	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Gomphoneis minuta</i> (Stone) Kociolek & Stoermer var. <i>minuta</i>	1 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Gomphoneis minuta</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	

	CS, week 0, n = 5		CS, week 5, n=3		Up, week 5, n=3		M1, week 5, n=3		MS, week 5, n=3		M2, week 5, n=3		M3, week 5, n=3	
	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.
<i>Gomphonema acuminatum</i> Ehrenb.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Gomphonema clavatum</i> Ehrenb.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Gomphonema clevei</i> Fricke	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Gomphoneis herculeana</i> (Ehrenb.) Cleve var. <i>herculeana</i>	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Gomphonema micropus</i> Kütz. var. <i>micropus</i>	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Gomphonema minutum</i> (C.Agardh) C.Agardh f. <i>minutum</i>	1 ± 0		2 ± 2		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Gomphonema olivaceum</i> (Hornem.) Bréb. var. <i>olivaceum</i>	1 ± 0		1 ± 1		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Gomphonema parvulum</i> (Kütz.) Kütz. var. <i>parvulum</i> f. <i>parvulum</i>	2 ± 0		1 ± 0		1 ± 0		0 ± 0		0 ± 0		0 ± 0		1 ± 0	
<i>Gomphonema parvulum</i> Kütz. a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Gomphonema pumilum</i> (Grunow) E.Reichardt & Lange-Bert.	1 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Gomphonema pumilum</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Gomphonema rhombicum</i> M.Schmidt	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Gomphonema truncatum</i> Ehrenb.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Halamphora montana</i> (Krasske) Levkov	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Halamphora veneta</i> (Kütz.) Levkov	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Hippodonta capitata</i> (Ehrenb.) Lange-Bert., Metzeltin & Witkowski	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Karayevia clevei</i> (Grunow) Bukht.	0 ± 0		1 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Karayevia ploenensis</i> (Hust.) Bukht.	0 ± 0		0 ± 0		1 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Karayevia ploenensis</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Luticola acidoclinata</i> Lange-Bert.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Luticola cohnii</i> (Hilse) D.G.Mann	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Mayamaea atomus</i> var. <i>permitis</i> (Hust.) Lange-Bert.	1 ± 0		1 ± 0		0 ± 0		0 ± 0		1 ± 1		3 ± 1		0 ± 0	
<i>Mayamaea atomus</i> var. <i>permitis</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Melosira varians</i> C.Agardh	1 ± 1		3 ± 1		1 ± 0		1 ± 1		0 ± 0		0 ± 0		1 ± 0	
<i>Meridion circulare</i> (Grev.) C.Agardh var. <i>circulare</i>	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Navicula capitatoradiata</i> H.Germ.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Navicula catalanogermanica</i> Lange-Bert. & Hofmann	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Navicula cincta</i> (Ehrenb.) Ralfs in Pritchard	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Navicula cryptotenella</i> Lange-Bert.	1 ± 0		0 ± 0		1 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Navicula gregaria</i> Donkin	4 ± 1		4 ± 0		5 ± 1		3 ± 1		2 ± 1		1 ± 0		2 ± 0	
<i>Navicula gregaria</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Navicula lanceolata</i> (C.Agardh) Ehrenb.	4 ± 1		5 ± 0		2 ± 1		2 ± 0		1 ± 0		0 ± 0		2 ± 1	

	CS, week 0, n = 5		CS, week 5, n=3		Up, week 5, n=3		M1, week 5, n=3		MS, week 5, n=3		M2, week 5, n=3		M3, week 5, n=3	
	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.
<i>Navicula oligotrphenta</i> Lange-Bert. & G.Hofmann	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Navicula tripunctata</i> (O.F.Müll.) Bory	1 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Nitzschia acula</i> Hantzsch	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Nitzschia amphibia</i> Grunow f. <i>amphibia</i>	1 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Nitzschia archibaldii</i> Lange-Bert.	1 ± 0		3 ± 1		3 ± 1		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Nitzschia dissipata</i> (Kütz.) Grunow var. <i>dissipata</i>	2 ± 0		1 ± 0		2 ± 1		1 ± 0		1 ± 0		0 ± 0		1 ± 1	
<i>Nitzschia dissipata</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Nitzschia fonticola</i> Grunow in Cleve & J.D.Möller	1 ± 0		0 ± 0		0 ± 0		2 ± 2		1 ± 0		0 ± 0		4 ± 1	
<i>Nitzschia fonticola</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Nitzschia frustulum</i> (Kütz.) Grunow a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Nitzschia frustulum</i> (Kütz.) Grunow var. <i>frustulum</i>	1 ± 0		2 ± 0		1 ± 0		3 ± 1		1 ± 0		0 ± 0		2 ± 1	
<i>Nitzschia graciliformis</i> Lange-Bert. & Simonsen	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Nitzschia inconspicua</i> Grunow	6 ± 1		3 ± 1		1 ± 1		1 ± 1		1 ± 0		0 ± 0		2 ± 1	
<i>Nitzschia inconspicua</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Nitzschia intermedia</i> Hantzsch ex Cleve & Grunow	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Nitzschia linearis</i> (C.Agardh) W.Sm. var. <i>linearis</i>	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Nitzschia linearis</i> (C.Agardh) W.Sm. var. <i>tenuis</i> (W.Sm.) Grunow	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Nitzschia palea</i> (Kütz.) W.Sm.	0 ± 0		0 ± 0		2 ± 1		2 ± 1		2 ± 1		0 ± 0		2 ± 1	
<i>Nitzschia palea</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Nitzschia recta</i> Hantzsch in Rabenh.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Nitzschia sigma</i> (Kütz.) W.Sm.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Nitzschia solgensis</i> Cleve-Euler	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Nitzschia umbonata</i> (Ehrenb.) Lange-Bert.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Pinnularia brebissonii</i> (Kütz.) Rabenh. var. <i>brebissonii</i>	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Pinnularia microstauron</i> (Ehrenb.) Cleve var. <i>microstauron</i>	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Planothidium frequentissimum</i> (Lange-Bert.) Lange-Bert.	2 ± 1		2 ± 1		6 ± 1		6 ± 3		8 ± 1		22 ± 7		4 ± 2	
<i>Planothidium frequentissimum</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Planothidium hauckianum</i> (Grunow) Round & Bukht.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Planothidium lanceolatum</i> (Bréb. ex Kütz.) Lange-Bert.	6 ± 1		15 ± 3		22 ± 2		10 ± 4		2 ± 1		1 ± 0		8 ± 1	
<i>Planothidium lanceolatum</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Planothidium rostratum</i> (Østrup) Lange-Bert.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Pseudostaurosira parasitica</i> (W.Sm.) E.Morales	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	

	CS, week 0, n = 5		CS, week 5, n=3		Up, week 5, n=3		M1, week 5, n=3		MS, week 5, n=3		M2, week 5, n=3		M3, week 5, n=3	
	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.	Avg	S.E.
<i>Pseudostaurosira parasitica</i> var. <i>subconstricta</i> (Grunow) E.Morales	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Reimeria sinuata</i> (W.Greg.) Kociolek & Stoermer	2 ± 0		1 ± 0		0 ± 0		1 ± 1		0 ± 0		0 ± 0		1 ± 0	
<i>Rhoicosphenia abbreviata</i> (C.Agardh) Lange-Bert.	0 ± 0		0 ± 0		1 ± 0		0 ± 0		0 ± 0		0 ± 0		1 ± 0	
<i>Rhoicosphenia abbreviata</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Stauroneis thermicola</i> (J.B.Petersen) Lund	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Staurosira pinnata</i> Ehrenb.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Stauroneis pseudosuboptusoides</i> H.Germ.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Stenopterobia</i> sp.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Surirella angusta</i> Kütz.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		1 ± 1		0 ± 0		0 ± 0	
<i>Surirella brebissonii</i> Krammer & Lange-Bert. var. <i>brebissonii</i>	0 ± 0		1 ± 0		0 ± 0		0 ± 0		0 ± 1		0 ± 0		0 ± 0	
<i>Surirella brebissonii</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Surirella brebissonii</i> var. <i>kuetzingii</i> Krammer & Lange-Bert.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Ulnaria oxyrhynchus</i> (Kütz.) Aboal	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Ulnaria ulna</i> (Nitzsch) Compère	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
<i>Ulnaria ulna</i> a.f.	0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
Cell density (cells/cm ²)	958080 ± 125522	131733 ± 26085	89067 ± 17475	165333 ± 2355	34133 ± 10374	52533 ± 6982	100800 ± 35041							
Mortality (%)	12 ± 1	23 ± 2	23 ± 1	20 ± 2	22 ± 5	22 ± 2	19 ± 1							