

Table 3 The three most numerous taxa (mean %) in each treatment (N=3), at each sampling time

Time	Control		Control Mesocosm		Impacted Mesocosm	
Before mixing (0)	Gloeocystis	18%	Merismopedia	24%	Merismopedia	38%
	Coelasphaerium	15%	Gloeocapsa	22%	Gloeocystis	19%
	Chroococcus	15%	Gloeocystis	14%	Coelasphaerium	15%
30 mins	Merismopedia	32%	Coelasphaerium	39%	Merismopedia	37%
	Gloeocystis	26%	Merismopedia	23%	Coelasphaerium	30%
	Coelasphaerium	16%	Gloeocystis	17%	Gloeocystis	12%
3 hrs	Coelasphaerium	29%	Merismopedia	30%	Coelastrum	22%
	Merismopedia	27%	Gloeocystis	13%	Merismopedia	19%
	Gloeocystis	14%	Coelastrum	11%	Coelasphaerium	16%
1 Day	Coelastrum	17%	Merismopedia	40%	Gloeocystis	26%
	Merismopedia	16%	Gloeocystis	30%	Merismopedia	25%
	Gloeocystis	12%	Aphanocapsa	9%	Coelasphaerium	19%
2 Days	Merismopedia	28%	Coelasphaerium	31%	Coelasphaerium	44%
	Coelasphaerium	25%	Merismopedia	23%	Merismopedia	19%
	Gloeocystis	16%	Palmellopsis	13%	Gloeocystis	9%
3 Days	Coelasphaerium	31%	Merismopedia	36%	Coelasphaerium	43%
	Merismopedia	20%	Coelasphaerium	27%	Gloeocystis	23%
	Gloeocystis	17%	Gloeocystis	14%	Aphanocapsa	12%
4 Days	Coelasphaerium	25%	Coelasphaerium	34%	Coelasphaerium	31%
	Merismopedia	16%	Merismopedia	33%	Gloeocystis	18%
	Tetraspora	5%	Coelastrum	8%	Merismopedia	17%
5 Days	Merismopedia	31%	Gloeocystis	32%	Coelasphaerium	26%
	Gloeocystis	28%	Coelasphaerium	24%	Merismopedia	20%
	Coelasphaerium	18%	Coelastrum	8%	Gloeocystis	15%