

Distribution and diversity of oligotrich and choreotrich ciliates across an environmental gradient in a large temperate estuary

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Supplement. This supplementary material contains 2 tables that list all of the haplotypes found in the 2 clone libraries generated for this study. It also includes results of BLAST searches on GenBank that indicate OTU species identities or previous observations of the same haplotype.

Table S1. Haplotype diversity of primer set OCSP-A library constructed with 9 samples from 6 stations in Long Lsland Sound. Numbers in columns represent number of clones sequenced of the haplotypes listed. Sequence name shows the given haplotype name assembled at 99% similarity. Haplotypes newly found in this study are shown in bold

Sequence name	River-S	Plume-S	Near_Plume-S	Offshore-S	Shore-S	Front-S	River-D	Shore-D	Front-D	GenBank no.
LAK_plu_hap01	9	8				1	9	1	13	HM046312
<i>Strombidium biarmatum</i> ^a				3	9	12				AY541684, HM046355
hap33			5	12	4	3				EF553366, HM046310
LAK_plu_hap03	5	3					10		2	HM046314
hap56		3	5	8	1			2		EF553389, HM046311
LAK_plu_hap02		1	2		7	7		1		HM046313
LAK_plu_hap05	5					1		1	8	HM046316
LAK_plu_hap04	4	4	2				3		1	HM046315
<i>Pelagotrombidium neptuni</i>			1	3	1			8		AY546183, HM046354
LAK_plu_hap06			8	2						HM046317
LAK_plu_hap08								5		HM046318
LAK_plu_hap09					3	1				HM046319

LAK_plu_hap10				3	1					HM046320
LAK_plu_hap11			2	1						HM046321
LAK_plu_hap12		2				1				HM046322
LAK_plu_hap13		2				1				HM046323
LAK_plu_hap14				1			2			HM046324
LAK_plu_hap15			3							HM046325
LAK_plu_hap19	2					1				HM046329
LAK_plu_hap20		1					1	1		HM046330
<i>Strombidium</i> sp.					2					AY143565, HM046356
LAK_plu_hap16							2			HM046326
LAK_plu_hap17			2							HM046327
LAK_plu_hap18		1	1							HM046328
LAK48068	1									HM046331
LAK48081	1									HM046332
LAK48089	1									HM046333
LAK48092	1									HM046334
LAK48097	1									HM046335
LAK48105		1								HM046336
LAK48107		1								HM046337
LAK48111		1								HM046338
LAK48113		1								HM046339
LAK48119		1								HM046340
LAK48124		1								HM046341
LAK48137			1							HM046342
LAK48139			1							HM046343
LAK48162			1							HM046344
LAK48253						1				HM046345
LAK48255						1				HM046346
LAK48286							1			HM046347
LAK48287							1			HM046348
LAK48309								1		HM046349
LAK48323									1	HM046350
LAK48338									1	HM046351
LAK48340									1	HM046352
LAK48351									1	HM046353
Total	30	31	32	30	32	27	30	22	29	

^aHaplotype identical to *Strombidium biarmatum* AY541684

Table S2. Haplotype diversity of primer set OCSP-B library constructed with 9 samples from 6 stations in Long Lsland Sound. Numbers in columns represent number of clones sequenced of the haplotypes listed. Sequence name shows the given haplotype name assembled at 99% similarity. Haplotypes newly found in this study are shown in bold

Sequence name	River-S	Plume-S	Near_Plume-S	Offshore-S	Shore-S	Front-S	GenBank no.
<i>Strombidium biarmatum</i>		4	11	4	20	39	AY541684, HM046408
<i>Strombidium</i> sp.	5	9	9	10	25	4	AY143565, HM046409
hbp1	4	17	17	13	0	2	EF553391, HM046361
LAK_plu_hbp01	5	16		10			HM046365
LAK_plu_hbp02	2	11		2			HM046366
LAK_plu_hbp03	1	3	1	1	2	3	HM046367
<i>Pelagotrombidium neptuni</i>	3		1	4	2		AY546183, HM046407
hbp36			8				EF553418, HM046363
LAK_plu_hbp04		4		2	2		HM046368
<i>Eutintinnus</i>					2	5	AY143569, HM046360
LAK_plu_hbp05			1	2	3	1	HM046369
LAK_plu_hbp06		1	2	1	2		HM046370
258_03 ^a	1	3		1			GU207348
258_06 ^a					3	2	HM046359
LAK_plu_hbp07	1	3		1			HM046371
LAK_plu_hbp08		1	4				HM046372
LAK_plu_hbp09	2	3					HM046373
LAK_plu_hbp10		2		1			HM046374
LAK_plu_hbp12						3	HM046376
LAK_plu_hbp13	1	2					HM046377
LAK_plu_hbp11		2					HM046375
258_05 ^a		1					HM046358
hbp19	1						EF553400, HM046362
hbp39			1				EF553421, HM046364
<i>Tintinnopsis dadayi</i>			1				AY143562, HM046410
LAK45387		1					HM046378
LAK45388		1					HM046379
LAK45562	1						HM046380
LAK45565	1						HM046381
LAK45571	1						HM046382
LAK45586	1						HM046383

LAK45591		1						HM046384
LAK45602		1						HM046385
LAK45623						1		HM046386
LAK45651						1		HM046387
LAK45656		1						HM046388
LAK45658		1						HM046389
LAK45661		1						HM046390
LAK45668		1						HM046391
LAK45669		1						HM046392
LAK45673		1						HM046393
LAK45675		1						HM046394
LAK45686				1				HM046395
LAK45699				1				HM046396
LAK45704				1				HM046397
LAK45709				1				HM046398
LAK45722						1		HM046399
LAK46683			1					HM046400
LAK46774						1		HM046401
LAK47090		1						HM046402
LAK47098		1						HM046403
LAK47108		1						HM046404
LAK47113		1						HM046405
LAK47114		1						HM046406
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Total		30	98	57	56	62	62	

^aHaplotypes found in Doherty et al. (2010a)