S3 Table similarity analysis of loggerhead epizoic diatom assemblages within each sampling locality – typical species. SIMPER analysis was based on Bray-Curtis similarity, 70% cut off, taxa cumulatively contributing to the similarity over 70% are shown. Croatia (CRO), Greece (GRE), South Africa (SA), Florida (FLO)

Species	Average Abundance	Average Simmilarity	Dissimilarity /SD	Contribution %	Cumulative contribution
Croatia - average similarity = 21,05					
Poulinea CRO sp.1	3,71	3,44	0,98	16,34	16,34
Poulinea CRO sp.2	5,37	2,71	0,98	12,87	29,21
Amphora crenulata	3,54	2,62	0,96	12,45	41,66
Nitzschia CRO sp.2	3,89	1,72	0,63	8,18	49,84
Neosynedra provincialis	1,97	1,51	0,62	7,16	57
Berkeleya fennica	3,24	1,44	0,62	6,84	63,83
Licmophora debilis	1,33	1,03	0,6	4,88	68,71
Tabularia cf. *investiens*	1,46	0,9	1,15	4,27	72,98
Hyalosira hesperia	1,52	0,73	0,62	3,47	76,45
Florida - average similarity= 60,36					
Hyalosynedra laevigata	17,56	45,6	6,11	75,56	75,56
Greece carapace - average similarity: 57,83					
Nitzschia cf. *incospicua*	9,61	10,22	1,8	17,68	17,68
Nitzschia CRO sp.2	7,38	8,65	3,9	14,96	32,63
Cocconeis lineata	6,45	8,23	5,79	14,24	46,87
Navicula cf. *pavilardii*	4,29	5,78	6	10	56,87
Navicula cf. *perminuta*	4,29	4,68	4,58	8,09	64,96
Amphora crenulata	4,36	4,36	2,92	7,54	72,5
Seminavis insignis	2,18	1,99	2,32	3,44	75,94
Greece skin - average similarity: 62,11					
Nitzschia CRO sp.2	10,46	15,46	2,72	24,89	24,89
Navicula GRE sp.2	6,64	11,04	12,95	17,77	42,66
Medlinella amphoroidea	8	10,31	2,48	16,6	59,26
Proschkinia CRO sp.2	6,42	8,04	1,79	12,94	72,2
South Africa - average similarity = 49,32					
Chelonicola SA sp. 1	13,46	25,35	3,45	51,4	51,4
Nitzschia cf. *incospicua*	9,05	12,86	1,12	26,07	77,47