

Supplementary material

Contribution of epiphyte load to light attenuation on seagrass leaves is small but critical in turbid waters

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Table S1. Standard deviation of percentage light on leaf source (PLL) values according to water column light attenuation (Kd) and epiphyte biomass

Epiphyte biomass (mg)	Kd = 0.1	Kd = 0.3	Kd = 0.5	Kd = 0.9	Kd = 1.1	Kd = 1.3
0.8	4.16	8.59	9.95	8.89	7.76	6.61
0.9	4.59	9.47	10.97	9.81	8.56	7.28
1.3	4.48	9.25	10.71	9.57	8.35	7.11
1.4	4.84	9.99	11.57	10.34	9.03	7.68
1.8	4.73	9.77	11.31	10.11	8.83	7.51
3.2	3.85	7.96	9.21	8.24	7.19	6.12
3.9	3.92	8.09	9.37	8.38	7.31	6.22
4.5	3.97	8.20	9.50	8.49	7.41	6.31
4.5	3.22	6.66	7.71	6.89	6.01	5.12
4.6	3.50	7.23	8.38	7.49	6.54	5.56
4.7	3.75	7.74	8.96	8.01	6.99	5.95
5.0	4.84	9.99	11.57	10.34	9.03	7.68
5.0	3.14	6.49	7.51	6.71	5.86	4.99
5.2	3.31	6.83	7.91	7.07	6.17	5.25
5.6	3.94	8.13	9.41	8.42	7.35	6.25
5.8	4.63	9.56	11.07	9.89	8.64	7.35
7.3	3.32	6.86	7.95	7.10	6.20	5.28
8.6	4.50	9.29	10.75	9.61	8.39	7.14
8.7	2.37	4.88	5.66	5.06	4.41	3.76
11.9	3.55	7.33	8.49	7.59	6.63	5.64
12.8	2.93	6.06	7.02	6.27	5.47	4.66
12.9	3.67	7.59	8.79	7.85	6.85	5.83
13.1	3.14	6.48	7.51	6.71	5.86	4.98
13.1	3.84	7.92	9.18	8.20	7.16	6.09
13.7	2.56	5.28	6.11	5.46	4.77	4.06
15.4	2.30	4.76	5.51	4.92	4.30	3.66
15.7	2.40	4.95	5.73	5.12	4.47	3.80
20.5	2.51	5.19	6.01	5.37	4.69	3.99
21.2	2.55	5.27	6.10	5.45	4.76	4.05
21.2	2.93	6.06	7.02	6.27	5.47	4.66
21.6	2.43	5.01	5.80	5.18	4.52	3.85
21.7	2.88	5.95	6.89	6.16	5.38	4.57
22.4	2.82	5.83	6.75	6.04	5.27	4.48

Epiphyte biomass (mg)	Kd = 0.1	Kd = 0.3	Kd = 0.5	Kd = 0.9	Kd = 1.1	Kd = 1.3
22.5	2.60	5.37	6.22	5.56	4.85	4.13
23.2	2.50	5.17	5.98	5.35	4.67	3.97
24.3	3.61	7.46	8.64	7.72	6.74	5.74
24.9	2.90	5.98	6.92	6.19	5.40	4.60
28.1	2.41	4.98	5.77	5.15	4.50	3.83
29.3	2.43	5.02	5.82	5.20	4.54	3.86
29.5	2.28	4.71	5.45	4.87	4.25	3.62
32.7	2.50	5.16	5.98	5.34	4.66	3.97
33.2	2.18	4.51	5.22	4.67	4.07	3.47
33.5	3.03	6.25	7.24	6.47	5.64	4.80
36.6	2.37	4.90	5.67	5.07	4.43	3.77
37.9	2.13	4.40	5.10	4.55	3.98	3.38
39.1	3.28	6.78	7.85	7.01	6.12	5.21
39.2	2.03	4.19	4.85	4.34	3.79	3.22
40.8	2.10	4.33	5.02	4.49	3.92	3.33
41.5	2.94	6.07	7.03	6.29	5.49	4.67
42.3	2.37	4.90	5.67	5.07	4.43	3.77
43.9	3.18	6.56	7.60	6.80	5.93	5.05
44.1	2.37	4.90	5.67	5.07	4.43	3.77
45.4	2.01	4.15	4.81	4.30	3.75	3.19
46.3	2.26	4.67	5.41	4.84	4.22	3.59
48.1	2.18	4.51	5.22	4.66	4.07	3.46
48.8	2.39	4.94	5.72	5.11	4.46	3.80
49.7	2.20	4.54	5.26	4.70	4.10	3.49
50.8	3.00	6.19	7.17	6.40	5.59	4.76
54.9	2.09	4.31	4.99	4.46	3.89	3.31
58.5	2.15	4.43	5.13	4.59	4.00	3.41
59.1	2.67	5.51	6.38	5.71	4.98	4.24
59.6	2.20	4.53	5.25	4.69	4.10	3.49
60.9	2.08	4.29	4.96	4.44	3.87	3.30
63.0	2.34	4.84	5.60	5.01	4.37	3.72
65.2	2.67	5.51	6.39	5.71	4.98	4.24
66.6	2.11	4.35	5.04	4.50	3.93	3.34
67.6	2.04	4.22	4.89	4.37	3.81	3.25
72.4	2.05	4.24	4.91	4.39	3.83	3.26
83.4	2.39	4.93	5.70	5.10	4.45	3.79
83.5	2.35	4.85	5.62	5.03	4.39	3.73
84.5	2.02	4.17	4.84	4.32	3.77	3.21
84.6	2.33	4.80	5.56	4.97	4.34	3.69
86.2	2.27	4.68	5.42	4.84	4.23	3.60
87.9	2.04	4.21	4.88	4.36	3.80	3.24
87.9	2.04	4.21	4.88	4.36	3.80	3.24
90.9	2.02	4.17	4.83	4.32	3.77	3.21
91.4	2.50	5.17	5.99	5.35	4.67	3.98
93.4	1.98	4.09	4.73	4.23	3.69	3.14
93.4	1.98	4.09	4.73	4.23	3.69	3.14
96.1	2.87	5.92	6.85	6.12	5.35	4.55
97.6	1.99	4.11	4.76	4.26	3.72	3.16
102.9	2.09	4.31	5.00	4.46	3.90	3.32
104.4	1.96	4.04	4.68	4.18	3.65	3.11
107.9	2.54	5.24	6.07	5.43	4.74	4.03
108.6	2.18	4.49	5.20	4.65	4.06	3.45
111.1	2.06	4.26	4.93	4.41	3.85	3.27
112.0	1.95	4.02	4.66	4.16	3.63	3.09
113.9	2.05	4.23	4.90	4.38	3.82	3.25
128.8	1.94	4.00	4.63	4.14	3.61	3.07
142.0	2.25	4.64	5.37	4.80	4.19	3.57
157.6	2.04	4.20	4.87	4.35	3.80	3.23
168.3	2.11	4.36	5.05	4.51	3.94	3.35
197.2	1.91	3.95	4.57	4.09	3.57	3.04