

The Status of *Posidonia oceanica* at Tremiti Islands Marine Protected Area (Adriatic Sea)

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Table S1. Density, phenological, and lepidochronological results for each sampling station in 2003, 2015, and 2020.

Station ID	M1			M2			M3			M4			M5			M6		
Year	2003	2015	2020	2003	2015	2020	2003	2015	2020	2003	2015	2020	2003	2015	2020	2003	2015	2020
Depth (m)	19	19	19	17	15	15	10	8	8	23	22	19	15	15	15	11	8	9
Absolute rhizome density (rhizomes m ⁻²)	291.3 ± 63.5	145.8 ± 28.6	197.9 ± 69.1	230.0 ± 10.3	132.6 ± 19.2	135.2 ± 18.1	316.3 ± 76.9	141.7 ± 21.1	169.9 ± 41.4	238.8 ± 49.3	108.7 ± 16.4	89.6 ± 33.9	356.3 ± 38.0	164.9 ± 15.1	104.2 ± 37.6	406.3 ± 108.1	160.8 ± 31.7	193.8 ± 46.0
Relative rhizome density (rhizomes m ⁻²)	262.1 ± 57.2	80.2 ± 15.7	105.6 ± 36.9	184 ± 8.2	101.7 ± 14.7	81.1 ± 10.9	126.5 ± 30.8	42.5 ± 6.3	96.3 ± 23.4	238.8 ± 49.3	45.3 ± 6.8	26.9 ± 10.2	356.3 ± 38.0	110.0 ± 10.0	52.1 ± 18.8	264.1 ± 70.2	92.7 ± 18.3	119.5 ± 28.4
Leaf area index (m ² m ⁻²)	5.4 ± 1.0	1.7 ± 0.3	2.4 ± 1.0	4.5 ± 0.8	2.0 ± 0.5	1.5 ± 0.2	1.7 ± 0.9	0.5 ± 0.2	2.1 ± 0.2	3.7 ± 0.8	0.9 ± 0.1	0.4 ± 0.1	4.0 ± 1.0	2.2 ± 0.6	0.8 ± 0.2	3.7 ± 1.0	1.0 ± 0.2	1.9 ± 0.3
Rhizome age	8.9 ± 2.9	10.3 ± 2.0	17.3 ± 5.1	10.7 ± 4.5	15.8 ± 9.9	16.8 ± 9.7	7.9 ± 4.0	10.3 ± 5.0	3.5 ± 2.5	9.3 ± 8.6	7.5 ± 2.4	17.7 ± 4.2	15.5 ± 5.8	8.3 ± 3.2	12.3 ± 9.2	7.2 ± 3.4	8.2 ± 3.5	10.2 ± 3.5