

Fig. S1. Map of sampling locations



Cíes Islands (Atlantic Islands National Park)



Cabrera Archipelago National Park

Map label	Community	Depth (m)	Park	Locality	Sampling date	Coordinates
LAGOON	Tidal lagoon sediments	0	Cíes	Illa do Faro, Lago dos Nenos	9/10/2014	42°13'22"N,08°54'14"W
PHOTO1	Photophilous with <i>Cystoseira nodicaulis</i>	1-2	Cíes	Illa do Faro, Punta Muxieiro	9/9/2014	42°13'34.71"N,08°53'54.21"W
PHOTO2	Photophilous with <i>Cystoseira tamariscifolia</i>	1-2	Cíes	Illa do Faro, Punta Muxieiro	9/9/2014	42°13'34.71"N,08°53'54.21"W
SACCO	Sciaphilous <i>Saccorhiza polyschides</i>	16	Cíes	Illa de San Martiño, Cabo dos Bicos	9/9/2014	42°11'29"N,08°53'20"W
MAERL1	Detritic beds (Atlantic maërl)	20	Cíes	Penela dos Viños	9/8/2014	42°12'42"N,08°53'51"W
PHOTO3	Photophilous with <i>Lophocladia lallemandii</i>	1-2	Cabrera	Illot Imperial	9/22/2014	39°07'30.32"N,2°57'36.93"E
PHOTO4	Photophilous with Mediterranean seaweeds	1-2	Cabrera	Illot Imperial	9/23/2014	39°07'30.32"N,2°57'36.93"E
PRECOR	Sciaphilous (Precoralligen)	30	Cabrera	Illot Imperial	9/22/2014	39°07'30.32"N,2°57'36.93"E
MAERL2	Detritic beds (Mediterranean maërl)	50	Cabrera	Illot Imperial	9/24/2014	39°07'30.32"N,2°57'36.93"E