Supplementary Data

Changes in the juvenile fish assemblage of a Mediterranean shallow *Posidonia oceanica* seagrass nursery area after half century

Carlos DÍAZ-GIL, Amalia GRAU, Antonio Maria GRAU, Miquel PALMER, Remedios CABRERA, Gabriel JORDÀ and Ignacio A. CATALÁN

Mediterranean Marine Science, 2019, 20 (3)

Table S.1: environmental variables used for the 2012/2013 analysis period. Variables marked with a No were highly correlated with others (>60%) and therefore not used in the RDA model.

Variable	Origin	Units	RDA model
Sea Surface Temperature	Satellite	ōС	Yes
Salinity	Buoy	PSU	Yes
Significant wave Height	Buoy	m	Yes
WEWave	Buoy	m	Yes
SNWave	Buoy	m	No
SurfaceCurrent	Buoy	m/s	Yes
WECurrent	Buoy	m/s	Yes
SNCurrent	Buoy	m/s	Yes
WindIntensity	Buoy	m/s	Yes
WEWind	Buoy	m/s	Yes
SNWind	Buoy	m/s	Yes
SSTanomaly	Modelled	ōС	Yes
ModelTemperature	Modelled	ōC	No
ModelSurfaceSalinity	Modelled	PSU	No
ModelSurfaceCurrent	Modelled	m/s	No
ModelWECurrents	Modelled	m/s	Yes
ModelSNCurrent	Modelled	m/s	No
Moon Phase	Calculated	% of moon	Yes
Photoperiod	Calculated	h	Yes
Depth	Measured	m	Yes

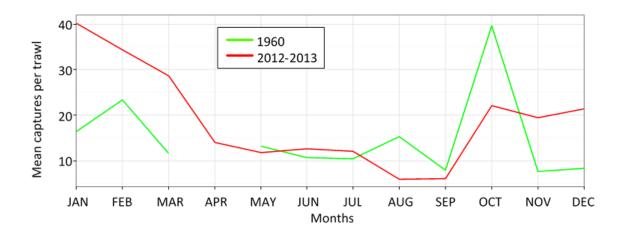


Fig. S. 1: Mean captures per trawl during years 1960 and 2012-2013 (number of individuals).

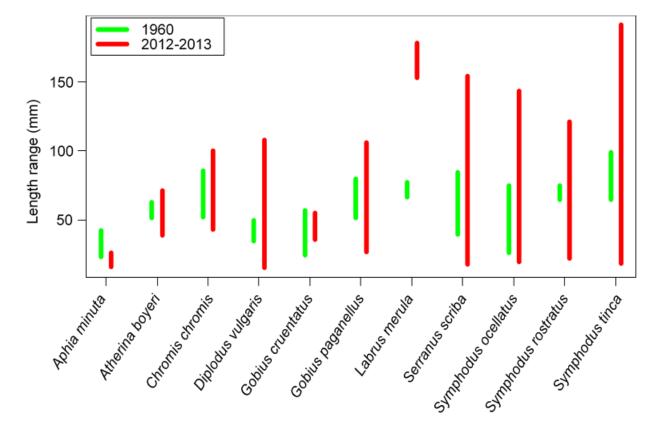


Fig. S.2: Length range (TL) of individuals captured in 1960 and 2012-2013. Only species captured in both years (abundance >1 individuals) are shown. The rest of species and length ranges can be found in Table 2.



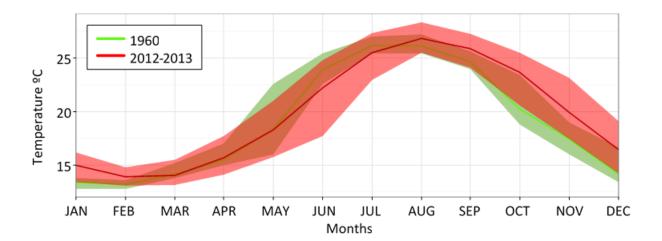


Fig. S.3: Temperatures (°C) along 1960 and 2012-2013 periods. Shaded areas represent min and max temperatures, solid lines are the mean temperatures of each period.