

Supplementary Table S1. Spatial variability of the holopelagic sargasso morphotypes biomass (Mean  $\pm$  SD) during the landings months (N= 13) for the surveyed beaches.

Beach	Morphotype	Mean ( $\pm$ SD) biomass (wet kg m <sup>-2</sup> )
Cojímar	<i>S. natans</i> I	1.57 $\pm$ 0.89
	<i>S. natans</i> VIII	0.73 $\pm$ 0.60
	<i>S. fluitans</i> III	1.34 $\pm$ 0.79
Bacuranao	<i>S. natans</i> I	1.55 $\pm$ 0.83
	<i>S. natans</i> VIII	0.89 $\pm$ 0.75
	<i>S. fluitans</i> III	1.38 $\pm$ 0.81
Tarará	<i>S. natans</i> I	2.15 $\pm$ 0.83
	<i>S. natans</i> VIII	1.33 $\pm$ 0.66
	<i>S. fluitans</i> III	1.93 $\pm$ 0.81
Mégano	<i>S. natans</i> I	2.61 $\pm$ 0.91
	<i>S. natans</i> VIII	1.35 $\pm$ 0.65
	<i>S. fluitans</i> III	1.87 $\pm$ 0.78
Santa María	<i>S. natans</i> I	2.93 $\pm$ 0.88
	<i>S. natans</i> VIII	1.39 $\pm$ 0.73
	<i>S. fluitans</i> III	1.92 $\pm$ 0.85
Paseo Marítimo	<i>S. natans</i> I	1.23 $\pm$ 0.92
	<i>S. natans</i> VIII	0.44 $\pm$ 0.56
	<i>S. fluitans</i> III	0.79 $\pm$ 0.55