

Supplementary Material S2

Table S1. Frequency of observation (%) based on the online survey for each size class of *C. reticulatus* (<30 cm; 30 to 50 cm and >50 cm).

%	< 30 cm	30 cm to 50 cm	> 50 cm
Frequently	46.4	10.7	14.3
Rarely	14.3	75	28.6
Never	35.7	14.3	53.6
Uncertain	3.6	0	3.6

Table S2. Characteristics of respondents to the online survey by conducted activity in number and percentage.

		Diving		Fishing		Spearfishing		Total	
#		9		6		13		28	
Experience	1 year	1	(11.1%)	1	(16.7%)	0	(0.0%)	2	(7.1%)
	1-5 years	0	(0.0%)	0	(0.0%)	1	(7.7%)	1	(3.6%)
	5-10 years	2	(22.2%)	0	(0.0%)	3	(23.1%)	5	(17.9%)
	Over 10 years	6	(66.7%)	5	(83.3%)	9	(69.2%)	20	(71.4%)
Time	1-3hour(s) each time	2	(22.2%)	1	(16.7%)	3	(23.1%)	6	(21.4%)
	1hour each time	5	(55.6%)	2	(33.3%)	0	(0.0%)	7	(25.0%)
	Over 3hour(s) each time	2	(22.2%)	3	(50.0%)	10	(76.9%)	15	(53.6%)
Frequency	1 time per month	3	(33.3%)	3	(50.0%)	2	(15.4%)	8	(28.6%)
	1 time per week	2	(22.2%)	1	(16.7%)	6	(46.2%)	9	(32.1%)
	2-3 times per month	2	(22.2%)	2	(33.3%)	2	(15.4%)	6	(21.4%)
	2-5 times per week	2	(22.2%)	0	(0.0%)	3	(23.1%)	5	(17.9%)
# of point	1	2	(22.2%)	2	(33.3%)	3	(23.1%)	7	(25%)
	2	3	(33.3%)	0	(0.0%)	1	(7.7%)	8	(14.3%)
	3	2	(22.2%)	2	(33.3%)	2	(15.4%)	8	(21.4%)
	5	0	(0.0%)	1	(16.7%)	2	(15.4%)	5	(10.7%)
	6	1	(11.1%)	0	(0.0%)	2	(15.4%)	5	(10.7%)
	7	0	(0.0%)	1	(16.7%)	0	(0.0%)	3	(3.6%)
	9	0	(0.0%)	0	(0.0%)	2	(15.4%)	5	(7.1%)
	13	1	(11.1%)	0	(0.0%)	0	(0.0%)	3	(3.6%)
	15	0	(0.0%)	0	(0.0%)	1	(7.7%)	5	(3.6%)
Total		33	(100%)	20	(100%)	66	(100%)	119	(100%)

Table S3. Dataset on additional *C. reticulatus* sightings based on scientific campaigns, museum records, scientific literature, and personal observations.

Nr	Lat	Long	Year	Source
1	33.0052	-16.37033	2020	MARE@PortoSanto 2020 scientific campaign
2	33.104194	-16.290000	2016	Emanuel Almada
3	33.055667	-16.278222	2017	Emanuel Almada
4	33.027389	-16.382472	2020	Emanuel Almada
5	33.108972	-16.321722	2020	Emanuel Almada
6	32.644485 *	-16.97613 *	1941	Museu Municipal do Funchal
7	NA	NA	1941	Museu Municipal do Funchal
8	NA	NA	1943	Museu Municipal do Funchal
9	NA	NA	1951	Museu Municipal do Funchal
10	32.641260 *	-16.895057 *	1957	Museu Municipal do Funchal
11	32.641260 *	-16.895057 *	1960	Museu Municipal do Funchal
12	32.641260 *	-16.895057 *	1962	Museu Municipal do Funchal
13	NA	NA	1963	Museu Municipal do Funchal
14	NA	NA	1963	Museu Municipal do Funchal
15	NA	NA	1963	Museu Municipal do Funchal
16	32.641260 *	-16.895057 *	1964	Museu Municipal do Funchal
17	NA	NA	1977	Museu Municipal do Funchal
18	NA	NA	1977	Museu Municipal do Funchal
19	32.666545 *	-17.059477 *	1990	Museu Municipal do Funchal
20	NA	NA	1898	Natural History Museum London
21	NA	NA	1929	Natural History Museum London
22	NA	NA	1929	Natural History Museum London
23	NA	NA	1933	Natural History Museum London
24	30.02883333	-16.03533333	2010	M@rBis Selvagens 2010 scientific campaign
25	30.14075	-15.891000	2010	M@rBis Selvagens 2010 scientific campaign
26	30.14135	-15.85346667	2010	M@rBis Selvagens 2010 scientific campaign
27	30.1428	-15.85696667	2010	M@rBis Selvagens 2010 scientific campaign
28	30.1339	-15.87113333	2010	M@rBis Selvagens 2010 scientific campaign
29	30.132533	-15.87043333	2010	M@rBis Selvagens 2010 scientific campaign
30	32.84049	-17.23706	2016	Friedlander et al., 2018 ¹

* GPS coordinates were estimated based on the description of the location in the museum's record. ¹Friedlander, A.M.; Ballesteros, E.; Clemente, S.; Gonçalves, E.J.; Estep, A.; Rose, P.; Sala, E. Contrasts in the marine ecosystem of two Macaronesian islands: A comparison between the remote Selvagens Reserve and Madeira Island. *PLoS One*. **2017**, *12*(11),e0187935. doi: 10.1371/journal.pone.0187935.

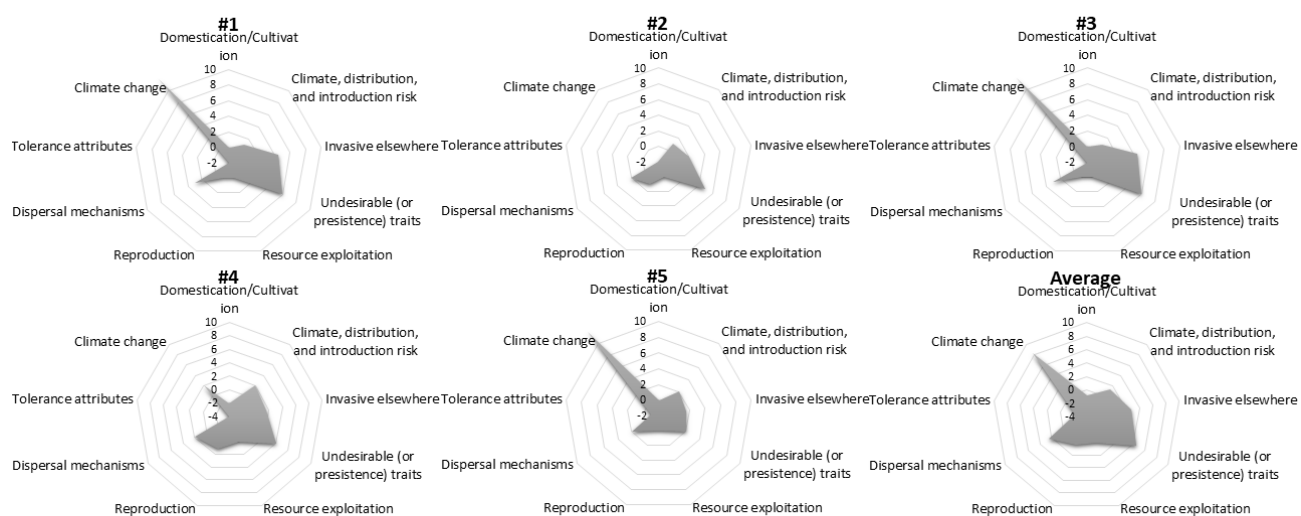


Figure S2. Radar plots showing the scores *C. reticulatus* achieved in the different AS-ISK categories for all five individual assessments (#1 - #5) and their average.