The following supplement accompanies the article

Loggerhead turtles nesting in Libya: an important management unit for the Mediterranean stock

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Table S1. *Caretta caretta*. Loggerhead turtle rookeries and foraging grounds included in the many-to-many mixed stock analysis. Data on population size (pop size: annual average number of nests) are derived from Ehrhart et al. (2003), Margaritoulis et al. (2003), Casale & Margaritoulis (2010) and Monzon-Arguello et al. (2010). Size information of the analysed loggerhead turtle foraging habitats is given by the straight carapace length (SCL) range in cm. Source populations – LIB: Libya, CAL: Calabria, GRE: Greece, M.ISL: Mediterranean Islands comprising Cyprus and Crete, TUR: Turkey, ISR: Israel, CV: Cape Verde, BR1: Rio de Janeiro/Espírito Santo, BR2: Bahia/Sergippe, DT: Dry Tortugas, YUC: Quintana Roo, Yucatan, NWFL: Florida coast/northern Gulf of Mexico, NEF.NC: northeast Florida to North Carolina, SFL: south Florida. Oceanic habitats - AZ/MA: Azores/Madeira, GIB: Gulf of Cadiz and Alboran Sea, WMED: western Mediterranean, EMED: eastern Mediterranean. Neritic habitats – NES: north-eastern Spain, SIT: south Italy, NCA: north-central Adriatic sea, ST: southern Tunisia, N.USA: Pamlico–Albemarle Estuarine Complex in North Carolina, S.USA: south Florida. Data sources are shown by superscripts: (1) Garofalo et al. (2009), (2) Carreras et al. (2007), (3) Laurent et al. (1998), (4) Monzon-Arguello et al. (2010) (5) Reis et al. (2010), (6) Bowen et al. (2004), (7) Bolten et al. (1998), (8) Revelles et al. (2007), (9) Laurent et al. (1998), (10) Carreras et al. (2006), (11) Maffucci et al. (2006), (12) Giovannotti et al. (2010), (13) Laurent et al. (1998), (14) Bowen et al. (2004), (15) Bass et al. (2004)

		CC-A1	CC-A2	CC-A3	CC-A4	CC-A5	CC-A6	CC-A7	CC-A8	CC-A9	CC-A10	CC-A11	CC-A12	CC-A13	CC-A14	CC-A15	CC-A16	CC-A17	CC-A18	CC-A19	CC-A20	CC-A21	CC-A22	CC-A23	CC-A24	CC-A25	CC-A26	CC-A27	CC-A28	CC-A29	CC-A30	CC-A31	CC-A32	CC-A42	CC-A47	CC-A68	N	Pop size
Source pop.	**LIB**	0	41	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	1	49	800
	CAL[1]	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	38	15
	GRE[2]	0	54	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	60	2459
	M.ISL[2]	0	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	990
	TUR[3]	0	19	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	1366
	ISR[2]	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	20	33
	CV[4]	127	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	186	14000
	BR1[5]	0	0	0	113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	114	1858
	BR2[5]	0	0	0	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	76	2676
	DT[6]	4	50	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	217
	YUC[6]	0	11	2	0	0	0	0	1	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	1800
	NWFL[6]	38	7	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	600
	NEF.NC[6]	104	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	105	6200
	SFL[6]	52	45	4	0	1	0	3	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	109	67100
																																						SCL range (cm)
Oceanic habitats	**AZ.MA**[7]	60	50	7	0	0	0	0	1	0	3	1	1	2	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	131	7–66[a]
	GIB[8]	45	46	2	0	0	0	0	0	2	1	2	1	0	2	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	105	13–79
	WMED[9]	13	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	27.6–69
	EMED[9]	12	32	3	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	52	33–75.5
Neritic habitats	**NES**[10]	14	81	8	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	1	0	0	0	0	0	112	20–100[a]
	SIT[11]	6	88	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	2	0	0	0	107	16–72[a]
	NCA[12]	0	57	6	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	13–84
	ST[13]	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	34	32.3–91.8
	S.USA[14]	59	58	10	0	0	0	2	1	4	2	1	0	1	6	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	146	40–80
	N.USA[15]	165	98	8	1	3	0	5	1	1	4	0	0	1	7	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	295	40–80

[a]Data originally collected as curved carapace length (CCL) and transformed to SCL using the equation CCL = 1.388 + (1.053)SCL (Bjorndal et al. 2000)

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