S4 Table. List of gobiid taxa identified in the samples. Gobiid taxa identified by integrative taxonomy (X: mean annual abundance in larvae m^{-2}, %FO frequency of occurrence in each station).Taxa with no occurrence in the Red Sea according to an updated checklist of Red Sea fishes [1] and/or the Red Sea FishBase [2] are indicated with (*). Comments on species naming are indicated with superscripts.

	Inshore		**Offshore**	
Taxon	**X**	**%FO**	**X**	**%FO**
Acentrogobius nebulosus	0.03	8	-	-
Amblyeleotris diagonalis	0.04	8	-	-
Amblyeleotris steinitzi	0.03	8	-	-
Amblyeleotris wheeleri	0.01	8	-	-
Amblygobius albimaculatus	0.87	50	0.12	25
Eviota cf. guttata	0.56	58	0.69	75
Eviota indica	0.09	17	0.02	8
Eviota sp. ‘Red Sea 1’	0.27	33	0.04	17
Eviota sp. ‘Red Sea 2’	0.43	50	0.02	17
Eviota sp. ‘Red Sea 3’	0.44	58	0.01	8
Favonigobius reichei	0.01	8	-	-
Fusigobius neophytus	0.04	8	-	-
Gnatholepis scapulostigma[1]	0.04	17	-	-
Koumansetta hectori	1.53	67	0.35	58
Lotilia cf. garaciliosa	0.20	25	0.03	8
Mahidolia sp.	0.05	25	-	-
*Oxyurichthys ophthalmonema**	0.12	25	0.08	33
Oxyurichthys petersii	0.37	33	0.51	75
Paragobiodon cf .echinocephalus	0.07	17	0.03	8
*Paragobiodon lacunicolus**	-	-	0.03	17
Priolepis cincta	0.08	17	0.06	25
Gobiidae sp. 1	0.99	92	0.12	25
Gobiidae sp. 2	1.00	58	1.71	58
Gobiidae sp. 3	0.12	42	-	-
Gobiidae sp. 4	0.10	17	-	-
Gobiidae sp. 5	0.04	25	-	-
Gobiidae sp. 6	0.04	8	-	-
Gobiidae sp. 7	0.07	25	-	-
Gobiidae sp. 8	0.46	67	0.55	58
Gobiidae sp. 9	0.01	8	0.02	8
Gobiidae sp. 10	0.16	17	-	-
Gobiidae sp. 11	0.03	17	0.02	8
Gobiidae sp. 12	0.01	8	0.03	17
Gobiidae sp. 13	0.03	17	0.01	8
Gobiidae sp. 14	0.20	42	-	-
Gobiidae sp. 15	0.03	8	-	-

S4 Table continued

Taxon	Inshore X	Inshore %FO	Offshore X	Offshore %FO
Gobiidae sp. 16	0.11	33	0.01	8
Gobiidae sp. 17	-	-	0.05	17
Gobiidae sp. 18	-	-	0.02	8
Gobiidae sp. 19	0.06	17	0.15	8
Gobiidae sp. 20	0.04	8	-	-
Gobiidae sp. 21	0.14	33	0.03	17
Gobiidae sp. 22	2.14	92	0.59	50
Gobiidae sp. 23	0.04	17	-	-
Gobiidae sp. 24	0.01	8	-	-
Gobiidae sp. 25	1.70	83	0.21	33
Gobiidae sp. 26	0.26	33	0.02	8
Gobiidae sp. 27	0.04	17	-	-
Gobiidae sp. 28	0.94	42	0.30	33
Gobiidae sp. 29	0.03	8	-	-
Gobiidae sp. 30	0.01	8	-	-
Gobiidae sp. 31	0.07	17	-	-
Gobiidae sp. 32	0.06	8	-	-
Gobiidae sp. 33	-	-	0.08	17
Gobiidae sp. 34	0.21	50	0.31	67
Gobiidae sp. 35	0.03	8	0.03	17
Gobiidae sp. 36	0.04	8	0.03	8
Gobiidae sp. 37	0.08	17	-	-
Gobiidae sp. 38	0.20	25	0.02	8
Gobiidae sp. 39	0.32	58	0.04	17
Gobiidae sp. 40	0.01	8	-	-
Gobiidae sp. 41	-	-	0.14	17
Gobiidae sp. 42	0.41	50	0.02	8
Gobiidae sp. 43	0.21	42	-	-
Gobiidae sp. 44	0.12	17	0.04	8
Gobiidae sp. 45	0.01	8	0.02	8
Gobiidae sp. 46	0.06	17	0.04	8
Gobiidae sp. 47	0.08	33	-	-
Gobiidae sp. 48	0.07	8	-	-
Gobiidae sp. 49	0.23	42	0.05	25
Gobiidae sp. 50	0.02	8	-	-
Gobiidae sp. 51	0.43	17	-	-
Gobiidae sp. 52	0.08	17	-	-
Gobiidae sp. 53	0.02	8	-	-
Gobiidae sp. 54	0.02	8	-	-
Gobiidae sp. 55	0.60	42	0.06	8
Gobiidae sp. 56	-	-	0.05	17
Gobiidae sp. 57	0.07	8	0.26	17

S4 Table continued	Inshore		Offshore	
Taxon	**X**	**%FO**	**X**	**%FO**
Gobiidae sp. 58	0.05	17	0.06	25
Gobiidae sp. 59	0.51	67	0.24	25
Gobiidae sp. 60	0.02	8	0.02	8
Gobiidae sp. 61	0.02	8	-	-
Gobiidae sp. 62	0.01	8	-	-
Gobiidae sp. 63	0.03	8	-	-
Gobiidae sp. 64	0.01	8	0.01	8
Gobiidae sp. 65	0.12	17	-	-
Gobiidae sp. 66	0.01	8	0.01	8
Gobiidae sp. 67	1.83	67	0.38	67
Gobiidae sp. 68	-	-	0.10	25
Gobiidae sp. 69	0.04	17	-	-
Gobiidae sp. 70	0.06	17	-	-
Gobiidae sp. 71	0.04	8	-	-
Gobiidae sp. 72	-	-	0.03	8
Gobiidae sp. 73	1.53	58	-	-
Gobiidae sp. 74	0.19	25	0.04	8
Gobiidae sp. 75	0.13	17	-	-
Gobiidae sp. 76	0.02	8	-	-
Gobiidae sp. 77	0.02	8	-	-
Gobiidae sp. 78	0.01	8	0.04	17

[1] accepted as *Gnatholepis cauerensis* according to WoRMs

References

1. Golani D, Bogorodsky SV. The fishes of the Red Sea - Reappraisal and updated checklist. Zootaxa. 2010;(2463):1-100. PubMed PMID: WOS:000277812600001.

2. Froese R, Pauly D. FishBase. World Wide Web electronic publication. www.fishbase.org, version (06/2016). 2016.