

# Testing predictions of length at first maturity of teleostean fishes, given their maximum length

by

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## Online supplementary materials

Table S1. – Fishes used in the present study (n = 120), ordered alphabetically by family (n = 31), then genus (n = 48) and species (n = 57). Length at first maturity ( $L_m$ ) and maximum length ( $L_{max}$ ) of the fishes used to compute  $L_m^D$  and  $L_{max}^D$ . Ecosystem types (E): 0: Freshwater, 1: Seawater, 2: Brackish water; Sex (females, ♀; male, ♂; Female);  $a$  and  $b$ : parameters of length-weight relationship parameters of the formula  $W = a \cdot L^b$ , as used to estimate  $W_{max}$ .

No	Common name	Species	Family	E	Location, sampling period	$L_m$ (cm) TL or L*	$L_{max}$ (cm) TL or L*	Sex	$a$	$b$	Reference(s)	$D$	$L_m^D$	$L_{max}^D$
1	Big-scale sand smelt	<i>Atherina boyeri</i>	Atherinidae	0	Lake Eğirdir, Turkey, Jan. 10 to Dec. 10	3.2*	9.8*	both	0.0059	3.202	Apaydin <i>et al.</i> (2015)	0.88	2.8	7.4
2	Mediterranean Scaldfish	<i>Arnoglossus laterna</i>	Bothidae	1	Central Aegean Sea, July 04 to June 07	11.8	19.8	♀	0.035	3.301	İkyaz <i>et al.</i> (2017); Bayhan <i>et al.</i> (2008)	0.67	5.3	7.5
3		<i>Arnoglossus laterna</i>	Bothidae	1	Central Aegean Sea, July 04 to June 07	11.4	17.6	♂	0.0066	3.043	İkyaz <i>et al.</i> (2017); Bayhan <i>et al.</i> (2008)	0.80	7.1	10.1
4	Thor's scaldfish	<i>Arnoglossus thori</i>	Bothidae	1	Central Aegean Sea, July 04 to June 07	8.8	12.5	♀	0.0054	3.26	İkyaz <i>et al.</i> (2008, 2018)	0.84	6.2	8.3
5		<i>Arnoglossus thori</i>	Bothidae	1	Central Aegean Sea, July 04 to June 07	8.6	11.7	♂	0.0053	3.25	İkyaz <i>et al.</i> (2008, 2018)	0.85	6.2	8.1
6	Boarfish	<i>Capros aper</i>	Caproidae	1	South Aegean Sea, Dec. 09 to Nov. 10	6.7	10.5	both	0.0194	2.934	Yapici and Filiz (2014)	0.84	4.9	7.2
7	Red bandfish	<i>Cepola macrophthalmia</i>	Cepolidae	1	Central Aegean Sea, July 04 to June 07	31.1	51	♀	0.0772	1.65	İkyaz <i>et al.</i> (2008, 2018)	0.79	15.3	22.7
8	Red bandfish	<i>Cepola macrophthalmia</i>	Cepolidae	1	Central Aegean Sea, July 04 to June 07	34.7	51.6	♂	0.0707	1.68	İkyaz <i>et al.</i> (2008, 2018)	0.79	16.6	22.7
9	Mossul bleak	<i>Alburnus mossulensis</i>	Cyprinidae	0	Karasu River, Turkey, Nov. 95 to Oct. 97	9.7*	18.5*	♀	0.073	3.136	Yıldırım <i>et al.</i> (2003, 2007)	0.67	4.6	7.1
10	Mossul bleak	<i>Alburnus mossulensis</i>	Cyprinidae	0	Karasu River, Turkey, Nov. 95 to Oct. 97	9.2*	18*	♂	0.0129	2.913	Yıldırım <i>et al.</i> (2003, 2007)	0.79	5.8	9.7
11	Tigris scraper	<i>Capoeta umbla</i>	Cyprinidae	0	Karasu River, Turkey, Nov. 95 to Oct. 97	20.9*	40.2*	♀	0.0117	2.991	Türkmen <i>et al.</i> (2020)	0.67	7.7	11.9
12	Tigris scraper	<i>Capoeta umbla</i>	Cyprinidae	0	Karasu River, Turkey, Nov. 95 to Oct. 97	16.9*	35.6*	♂	0.0139	2.936	Türkmen <i>et al.</i> (2020)	0.69	7.0	11.7
13	Prussian carp	<i>Carassius gibelio</i>	Cyprinidae	0	Lake Eğirdir, Turkey, March 01 to Feb. 02	9.7*	33*	♀	0.0134	3.223	Balik <i>et al.</i> (2004)	0.65	4.4	9.8

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No	Common name	Species	Family	E	Location, sampling period	$L_m$ (cm) TL or L*	$L_{max}$ (cm) TL or L*	Sex	$a$	$b$	Reference(s)	$D$	$L_m^D$	$L_{max}^D$
14	Prussian carp	<i>Carassius gibelio</i>	Cyprinidae	0	Lake Eğirdir, Turkey, March 01 to Feb. 02	10.3*	33*	♂	0.0185	3.109	Balik <i>et al.</i> (2004)	0.66	4.6	9.9
15	Prussian carp	<i>Carassius gibelio</i>	Cyprinidae	2	Büyükçekmece L, Turkey, March 09 to April 10	13.2*	31.4*	♀	0.014	3.159	Saç and Okgerman (2015)	0.67	5.6	10
16	Pearl-spotted killifish	<i>Aphanius mento</i>	Cyprinodontidae	0	Kirkgöz Sıpring, Turkey, Jan. 20 to Dec. 20	2.5	8.8	♀	0.0626	2.335	Güçlü and Küçük (2008, 2011)	0.87	2.2	6.6
17	Bluespotted cornetfish	<i>Fistularia commersonii</i>	Fistulariidae	1	Eastern Mediterranean Sea, August 04 to Sep. 05	69.9	120.2	♀	0.0001	3.352	Saad and Sabour (2010); Saad and Khalaf (2016); Bariche and Kajajian (2012)	0.65	15.5	22.1
18		<i>Fistularia commersonii</i>	Fistulariidae	1	Eastern Mediterranean Sea, August 04 to Sep. 05	67.3	120.2	♂	0.0001	3.399		0.64	15.1	21.9
19	Silvery pout	<i>Gadiculus argenteus</i>	Gadidae	1	North Aegean Sea, April 05 to Sep. 08	8.9	16.8	both	0.011	2.924	İşmen <i>et al.</i> (2019a)	0.8	5.8	9.6
20	Whiting	<i>Merlangius merlangus</i>	Gadidae	1	Black Sea, April 90 to May 93	14.5	30.7	♀	0.004	3.225	İşmen (1995, 2002)	0.72	6.9	11.8
21	Whiting	<i>Merlangius merlangus</i>	Gadidae	1	Black Sea, April 90 to May 93	12.5	19.5	♂	0.0043	3.225	İşmen (1995, 2002)	0.78	7.3	10.3
22	Four-spotted goby	<i>Deltentosteus quadrimaculatus</i>	Gobiidae	1	Central Aegean Sea, July 04 to June 07	6.2	9.1	♀	0.0032	3.52	Metin <i>et al.</i> (2011a)	0.88	5.0	7.0
23		<i>Deltentosteus quadrimaculatus</i>	Gobiidae	1	Central Aegean Sea, July 04 to June 07	6.4	9.2	♂	0.0049	3.29	Metin <i>et al.</i> (2011a)	0.89	5.2	7.1
24	Giant goby	<i>Gobius cobitis</i>	Gobiidae	1	Eastern Black Sea, Jan. 05 to Dec. 05	6.1	14.1	♀	0.0716	2.810	Engin (2008)	0.75	3.9	7.4
25	Giant goby	<i>Gobius cobitis</i>	Gobiidae	1	Eastern Black Sea, Jan. 05 to Dec. 05	6.4	14.4	♂	0.0978	2.705	Engin (2008)	0.75	4.0	7.4
26	Black goby	<i>Gobius niger</i>	Gobiidae	1	Central Aegean Sea, March 03 to Feb. 04	7.8	14	♀	0.0197	2.74	Filiz and Toğulga (2009)	0.82	5.4	8.8
27	Rock goby	<i>Gobius paganellus</i>	Gobiidae	1	Eastern Black Sea, Jan. 05 to Dec. 05	5.5	12.2	♀	0.0653	2.556	Engin (2008)	0.81	4.0	7.5
28	Rock goby	<i>Gobius paganellus</i>	Gobiidae	1	Eastern Black Sea, Jan. 05 to Dec. 05	5.2	14.1	♂	0.0758	2.521	Engin (2008)	0.79	3.7	8
29	Round goby	<i>Neogobius melanostomus</i>	Gobiidae	1	Eastern Black Sea, Jan. 05 to Dec. 05	6.4	20.8	♀	0.0095	3.154	Engin (2008)	0.75	4.0	9.7
30	Flatsnout goby	<i>Neogobius platyrostris</i>	Gobiidae	1	Eastern Black Sea, Jan. 05 to Dec. 05	7.5	15.7	♀	0.0094	3.126	Engin (2008)	0.79	5.0	8.9
31	Flatsnout goby	<i>Neogobius platyrostris</i>	Gobiidae	1	Eastern Black Sea, Jan. 05 to Dec. 05	9.3	19.1	♂	0.0101	3.068	Engin (2008)	0.77	5.6	9.7
32	Round goby	<i>Neogobius melanostomus</i>	Gobiidae	1	Eastern Black Sea, Jan. 05 to Dec. 05	9.1	28.4	♂	0.0055	3.327	Engin (2008)	0.7	4.7	10.5
33	Blackbellied angler	<i>Lophius budegassa</i>	Lophiidae	1	North Aegean Sea, Sep. 06 to Sep. 08	58.8	107	♀	0.013	3.001	Yigin <i>et al.</i> (2015); Stergiou and Moutopoulos (2001)	0.53	8.5	11.7
34	Blackbellied angler	<i>Lophius budegassa</i>	Lophiidae	1	North Aegean Sea, Sep. 06 to Sep. 08	42.5	75.7	♂	0.0114	3.017	Yigin <i>et al.</i> (2015); Stergiou and Moutopoulos (2001)	0.58	8.7	12.2
35	European hake	<i>Merluccius merluccius</i>	Merlucciidae	1	Central Aegean Sea, July 04 to June 07	21.5	45.5	♀	0.004	3.21	Soykan <i>et al.</i> (2015a)	0.66	7.7	12.6
36	European hake	<i>Merluccius merluccius</i>	Merlucciidae	1	Central Aegean Sea, July 04 to June 07	25.7	40.1	♂	0.004	3.18	Soykan <i>et al.</i> (2015a)	0.69	9.3	12.7
37	European hake	<i>Merluccius merluccius</i>	Merlucciidae	1	Marmara Sea, Oct. 14 to Sep. 15	29.9	55.3	♀	0.0048	3.12	Kahraman <i>et al.</i> (2017); FishBase	0.64	8.9	13.2
38	European hake	<i>Merluccius merluccius</i>	Merlucciidae	1	Marmara Sea, Oct. 14 to Sep. 15	22.5	40.5	♂	0.0048	3.12	Kahraman <i>et al.</i> (2017); FishBase	0.69	8.5	12.8

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39	Leaping mullet	<i>Chelon saliens</i>	Mugilidae	2	Beymelek Lagoon, Turkey, Feb. 06 to Jan. 07	23.3	33.9	♀	0.006	3.124	Balik <i>et al.</i> (2011)	0.7	9.1	11.9
40	Red mullet	<i>Mullus barbatus barbatus</i>	Mullidae	1	North Aegean Sea, Sep. 06 to Sep. 08	12.1	23.6	♀	0.061	3.19	Arslan and İşmen (2014)	0.64	4.9	7.5
41	Red mullet	<i>Mullus barbatus barbatus</i>	Mullidae	1	North Aegean Sea, Sep. 06 to Sep. 08	11.9	24.1	♂	0.08	3.089	Arslan and İşmen (2014)	0.64	4.8	7.6
42	Red mullet	<i>Mullus barbatus barbatus</i>	Mullidae	1	Eastern Mediterranean Sea, May 07 to Sep. 09	12.6	25.9	♀	0.0076	3.138	Ok (2012)	0.73	6.3	10.7
43	Red mullet	<i>Mullus barbatus barbatus</i>	Mullidae	1	Eastern Mediterranean Sea, May 07 to Sep. 09	11.6	19.3	♂	0.0063	3.189	Ok (2012)	0.77	6.7	9.9
44	Blunt-snouted mullet	<i>Mullus barbatus ponticus</i>	Mullidae	1	Black Sea coast of Turkey, Sep. 16- March 17	10.9	14.4	both	0.0102	2.991	Erdem (2018)	0.82	7.1	8.9
45	Goldband goatfish	<i>Upeneus moluccensis</i>	Mullidae	1	Eastern Mediterranean Sea, May 99 to April 2000	11	20.5	♀	0.0097	3.0	İşmen (2005)	0.77	6.4	10.3
46	Goldband goatfish	<i>Upeneus moluccensis</i>	Mullidae	1	Eastern Mediterranean Sea, May 99 to April 2000	11	17.8	♂	0.0118	2.99	İşmen (2005)	0.78	6.5	9.5
47	Por's goatfish	<i>Upeneus pori</i>	Mullidae	1	Eastern Mediterranean Sea, May 07 to Sep. 09	10	19.2	♀	0.007	3.137	Ok (2012)	0.78	6	9.9
48	Por's goatfish	<i>Upeneus pori</i>	Mullidae	1	Eastern Mediterranean Sea, May 07 to Sep. 09	9.5	16.1	♂	0.0074	3.108	Ok (2012)	0.8	6.1	9.3
49	Randall's threadfin bream	<i>Nemipterus randalli</i>	Nemipteridae	1	South Aegean Sea, Jan. 16 to Dec. 16	12.9	21	♀	0.0099	3.12	Yapici and Filiz (2019)	0.75	6.8	9.8
50	Randall's threadfin bream	<i>Nemipterus randalli</i>	Nemipteridae	1	South Aegean Sea, Jan. 16 to Dec. 16	15.4	23	♂	0.013	3.1	Yapici and Filiz (2019)	0.73	7.3	9.8
51	Bluefish	<i>Pomatomus saltatrix</i>	Pomatomidae	1	Marmara & North Aegean seas, Jan. 03 to Dec. 04	25.4*	35*	both	0.0063	3.225	Ceyhan (2005)	0.68	9.0	11.2
52	Brown meagre	<i>Sciaena umbra</i>	Sciaenidae	1	Black Sea, Sep. 02 to August 03	22	45	♀	0.0045	3.3	Engin and Seyhan (2009)	0.64	7.3	11.6
53	Brown meagre	<i>Sciaena umbra</i>	Sciaenidae	1	Black Sea, Sep. 02 to August 03	19.5	43	♂	0.0045	3.3	Engin and Seyhan (2009)	0.65	6.9	11.6
54	Little tunny	<i>Euthynnus alletteratus</i>	Scombridae	1	Eastern Mediterranean Sea, Nov. 02 to May 05	60*	87*	both	0.0381	2.77	Kahraman and Aliçli (2007)	0.55	9.6	11.8
55	Little tunny	<i>Euthynnus alletteratus</i>	Scombridae	1	Eastern Mediterranean Sea, April 94 to May 98	60*	97.5*	both	0.0048	2.723	Kahraman and Oray (2001)	0.65	14.1	19.2
56	Atlantic bonito	<i>Sarda sarda</i>	Scombridae	1	Marmara & Black seas, May 11 to Sep. 12	42.5*	63*	♀	0.007	3.168	Kahraman <i>et al.</i> (2014)	0.6	9.4	11.9
57	Atlantic bonito	<i>Sarda sarda</i>	Scombridae	1	Marmara & Black seas, May 11 to Sep. 12	36.8*	56.5*	♂	0.009	3.009	Kahraman <i>et al.</i> (2014)	0.63	9.7	12.8
58	Atlantic bonito	<i>Sarda sarda</i>	Scombridae	1	North Aegean Sea, Sep. 06 to Oct. 09	41.9	72	♀	0.002	3.41	Cengiz (2013)	0.59	9	12.3
59	Atlantic bonito	<i>Sarda sarda</i>	Scombridae	1	North Aegean Sea, Sep. 06 to Oct. 09	35.8	69.5	♂	0.002	3.32	Cengiz (2013)	0.61	8.9	13.4
60	Atlantic bonito	<i>Sarda sarda</i>	Scombridae	1	Marmara & Black seas, Oct. 03 to May 05	36.9	71	both	0.0054	3.215	Ateş <i>et al.</i> (2008)	0.58	8.2	12
61	Atlantic bluefin tuna	<i>Thunnus thynnus</i>	Scombridae	1	Mediterranean Sea, May 98 to Sep. 04	103.6*	330*	both	0.0028	3.34	Corriero <i>et al.</i> (2005); Perçin and Akyol (2009); Akyüz and Artüz (1957)	0.35	5.1	7.6
62	Turbot	<i>Scophthalmus maximus</i>	Scophthalmidae	1	Black Sea, Oct. 04 to Sep. 05	20.4	70	♀	0.0085	3.158	Eryilmaz and Dalyan (2015)	0.57	5.7	11.5
63	Turbot	<i>Scophthalmus maximus</i>	Scophthalmidae	1	Black Sea, Oct. 04 to Sep. 05	24.7	50.8	♂	0.0085	3.158	Eryilmaz and Dalyan (2015)	0.62	7.3	11.5

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64	Black scorpionfish	<i>Scorpaena porcus</i>	Scorpaenidae	1	Black Sea, March 02 to April 03	17.5	31.7	♀	0.0163	3.067	Bilgin and Çelik (2009)	0.68	6.9	10.3
65		<i>Scorpaena porcus</i>	Scorpaenidae	1	Black Sea, March 02 to April 03	16.7	23.6	♂	0.0166	3.055	Bilgin and Çelik (2009)	0.72	7.6	9.7
66	Comber	<i>Serranus cabrilla</i>	Serranidae	1	Central Aegean Sea, Jan. 05 to Dec. 05	13.2	22.5	both	0.0111	3.000	Ilhan <i>et al.</i> (2010)	0.75	7.0	10.4
67	Brown comber	<i>Serranus hepatus</i>	Serranidae	1	Central Aegean Sea, July 04 to June 07	7.8	12.3	both	0.013	3.11	Soykan <i>et al.</i> (2013)	0.82	5.3	7.8
68	Marbled spinefoot	<i>Siganus rivulatus</i>	Siganidae	1	South Aegean Sea, July 16 to June 18	16.6	26.1	♀	0.0066	3.209	Soykan <i>et al.</i> (2020)	0.72	7.6	10.6
69		<i>Siganus rivulatus</i>	Siganidae	1	South Aegean Sea, July 16 to June 18	16.8	25.2	♂	0.0133	2.954	Soykan <i>et al.</i> (2020)	0.73	7.9	10.7
70	Wels catfish	<i>Silurus glanis</i>	Siluridae	0	Menzelet Reservoir, Turkey, Dec. 00 to Nov. 01	87.1	155	♀	0.0038	3.130	Alp <i>et al.</i> (2004, 2011)	0.50	9.4	12.6
71	Wels catfish	<i>Silurus glanis</i>	Siluridae	0	Menzelet Reservoir, Turkey, Dec. 00 to Nov. 01	78.8	195	♂	0.0104	2.913	Alp <i>et al.</i> (2004, 2011)	0.47	7.9	12.2
72	Solenette	<i>Buglossidium luteum</i>	Soleidae	1	Central Aegean Sea, July 04 to June 07	8.1	11.6	♀	0.0091	3.06	Ikyaz <i>et al.</i> (2008, 2018)	0.85	5.9	8.0
73	Solenette	<i>Buglossidium luteum</i>	Soleidae	1	Central Aegean Sea, July 04 to June 07	7.8	10.7	♂	0.0088	3.07	Ikyaz <i>et al.</i> (2008, 2018)	0.86	5.8	7.7
74	Common sole	<i>Solea solea</i>	Soleidae	1	Eastern Mediterranean Sea, March 00 to Feb. 01	15.2	28.2	♀	0.009	3.077	Türkmen (2003)	0.72	7.1	11
75	Common sole	<i>Solea solea</i>	Soleidae	1	Eastern Mediterranean Sea, March 00 to Feb. 01	14.8	25	♂	0.0117	2.998	Türkmen (2003)	0.74	7.3	10.7
76	Bogue	<i>Boops boops</i>	Sparidae	1	Central Aegean Sea, July 04 to June 07	13	21.3	♀	0.004	3.358	Soykan <i>et al.</i> (2015b)	0.76	6.9	10.1
77	Bogue	<i>Boops boops</i>	Sparidae	1	Central Aegean Sea, July 04 to June 07	12.9	21.3	♀	0.0036	3.36	Ikyaz <i>et al.</i> (2008, 2018)	0.76	7.0	10.2
78	Large-eye Dentex	<i>Dentex macrophthalmus</i>	Sparidae	1	Central Aegean Sea, July 04 to June 07	10.8	21.3	♀	0.019	2.93	Soykan <i>et al.</i> (2015b)	0.74	5.9	9.8
79		<i>Dentex macrophthalmus</i>	Sparidae	1	Central Aegean Sea, July 04 to June 07	11.8	20.3	♂	0.024	2.825	Soykan <i>et al.</i> (2015b)	0.76	6.4	9.7
80	Annular seabream	<i>Diplodus annularis</i>	Sparidae	1	Central Aegean Sea, July 04 to June 07	10	18.3	♀	0.0133	3.09	Ikyaz <i>et al.</i> (2008, 2018)	0.76	5.8	9.1
81		<i>Diplodus annularis</i>	Sparidae	1	Central Aegean Sea, July 04 to June 07	10.5	17.7	♂	0.0112	3.16	Ikyaz <i>et al.</i> (2008, 2018)	0.76	6.0	9.0
82	Common two-banded seabream	<i>Diplodus vulgaris</i>	Sparidae	1	Central Aegean Sea, July 04 to June 07	12.9	18.7	♀	0.0033	3.59	Ikyaz <i>et al.</i> (2008, 2018)	0.75	6.9	9.1
83		<i>Diplodus vulgaris</i>	Sparidae	1	Central Aegean Sea, July 04 to June 07	13.4	17.5	♂	0.0046	3.46	Ikyaz <i>et al.</i> (2008, 2018)	0.77	7.3	9.0
84		<i>Diplodus vulgaris</i>	Sparidae	1	North Aegean Sea, Nov. 17 to Oct. 18	20.4	29.8	♀	0.0179	2.97	İşmen <i>et al.</i> (2019)	0.70	8.1	10.6
85		<i>Diplodus vulgaris</i>	Sparidae	1	North Aegean Sea, Nov. 17 to Oct. 18	18.3	29.6	♂	0.0161	3.01	İşmen <i>et al.</i> (2019)	0.69	7.5	10.5
86		<i>Diplodus vulgaris</i>	Sparidae	1	Central Aegean Sea, July 04 to June 07	12.9	18.7	♀	0.003	3.586	Soykan <i>et al.</i> (2015b)	0.76	7.0	9.2
87		<i>Diplodus vulgaris</i>	Sparidae	1	Central Aegean Sea, July 04 to June 07	13.4	17.5	♂	0.005	3.358	Soykan <i>et al.</i> (2015b)	0.78	7.5	9.2

No	Common name	Species	Family	E	Location, sampling period	$L_m$ (cm) TL or L*	$L_{max}$ (cm) TL or L*	Sex	$a$	$b$	Reference(s)	$D$	$L_m^D$	$L_{max}^D$
88	Sand steenbras	<i>Lithognathus mormyrus</i>	Sparidae	2	Beymelek Lagoon, Turkey, May 99 to April 00	18.5	27.4	♀	0.0076	3.219	Emre <i>et al.</i> (2010)	0.71	7.9	10.4
89	Sand steenbras	<i>Lithognathus mormyrus</i>	Sparidae	2	Beymelek Lagoon, Turkey, May 99 to April 00	17.8	26.4	♂	0.0132	3.036	Emre <i>et al.</i> (2010)	0.72	7.9	10.4
90	Saddled seabream	<i>Oblada melanura</i>	Sparidae	1	North Aegean Sea, Nov. 17 to Oct. 18	19.8	29.2	♀	0.0098	3.086	Daban <i>et al.</i> (2020)	0.71	8.3	10.9
91	Saddled seabream	<i>Oblada melanura</i>	Sparidae	1	North Aegean Sea, Nov. 17 to Oct. 18	19	27.6	♂	0.0086	3.128	Daban <i>et al.</i> (2020)	0.72	8.2	10.7
92	Axillary seabream	<i>Pagellus acarne</i>	Sparidae	1	Central Aegean Sea, July 04 to June 07	14.5	20.2	♀	0.011	3.055	Soykan <i>et al.</i> (2015b)	0.76	7.6	9.8
93	Axillary seabream	<i>Pagellus acarne</i>	Sparidae	1	Central Aegean Sea, July 04 to June 07	13.9	16.6	♂	0.008	3.155	Soykan <i>et al.</i> (2015b)	0.79	8.0	9.2
94	Common pandora	<i>Pagellus erythrinus</i>	Sparidae	1	Central Aegean Sea, July 04 to June 07	10.8	24.9	♀	0.0107	3.06	Metin <i>et al.</i> (2011b)	0.73	5.7	10.5
95	Common pandora	<i>Pagellus erythrinus</i>	Sparidae	1	Central Aegean Sea, July 04 to June 07	15.1	17.8	♂	0.0125	2.99	Metin <i>et al.</i> (2011b)	0.78	8.3	9.5
96	Common pandora	<i>Pagellus erythrinus</i>	Sparidae	1	North Aegean Sea, Nov. 99 to Oct. 00	13*	19*	♀	0.0005	2.792	Hoşsucu and Türker Çakır (2003)	0.95	11.4	16.3
97	Common pandora	<i>Pagellus erythrinus</i>	Sparidae	1	South Aegean Sea, Jan. 16 to Dec. 16	11.9	28.4	♀	0.0134	2.97	Yapici and Filiz (2019)	0.72	5.9	11
98	Common pandora	<i>Pagellus erythrinus</i>	Sparidae	1	South Aegean Sea, Jan. 16 to Dec. 16	14.5	30.2	♂	0.013	2.91	Yapici and Filiz (2019)	0.72	6.8	11.5
99	Common pandora	<i>Pagellus erythrinus</i>	Sparidae	1	Eastern Mediterranean Sea, May 07 to May 10	14.6	23.1	♀	0.0199	2.834	Ok (2012)	0.75	7.4	10.4
100	Common pandora	<i>Pagellus erythrinus</i>	Sparidae	1	Eastern Mediterranean Sea, May 07 to May 10	15	23.4	♂	0.002	2.700	Ok (2012)	0.87	10.6	15.6
101	Gilthead seabream	<i>Sparus aurata</i>	Sparidae	2	Beymelek Lagoon, Turkey, Feb. 06 to July 07	28.5	35.5	both	0.0174	2.977	Emre <i>et al.</i> (2009)	0.67	9.5	11
102	Blotched picarel	<i>Spicara maena</i>	Sparidae	1	Central Aegean Sea, July 04 to June 07	11.5	19.5	♀	0.011	3	Soykan <i>et al.</i> (2010)	0.77	6.6	9.9
103	Blotched picarel	<i>Spicara maena</i>	Sparidae	1	Central Aegean Sea, July 04 to June 07	13.1	20	♂	0.011	2.99	Soykan <i>et al.</i> (2010)	0.77	7.3	10.1
104	Brushtooth lizardfish	<i>Saurida undosquamis</i>	Synodontidae	1	Eastern Mediterranean Sea, May 07 to May 10	19	37.9	♀	0.0045	3.124	Ok (2012)	0.7	7.9	12.8
105		<i>Saurida undosquamis</i>	Synodontidae	1	Eastern Mediterranean Sea, May 07 to May 10	17.2	26.5	♂	0.0035	3.203	Ok (2012)	0.75	8.5	11.8
106	Pufferfish	<i>Lagocephalus suezensis</i>	Tetraodontidae	1	Eastern Mediterranean Sea, May 07 to May 10	11.7	21.1	♀	0.0012	3.025	Ok (2012)	0.86	8.4	13.9
107	Pufferfish	<i>Lagocephalus suezensis</i>	Tetraodontidae	1	Eastern Mediterranean Sea, May 07 to May 10	11.4	17.6	♂	0.0136	2.951	Ok (2012)	0.78	6.7	9.5
108	Greater weever	<i>Trachinus draco</i>	Trachinidae	1	Eastern Black Sea, Jan. 09 to Dec. 10	12	25.8	♀	0.0064	3.033	Ak and Genç (2013)	0.75	6.5	11.6
109	Tub gurnard	<i>Chelidonichthys lucerna</i>	Triglidae	1	Marmara Sea, Nov. 96 to Nov. 97	18.7	41.5	both	0.0092	3.019	Eryilmaz and Meric (2005)	0.67	7.2	12.2
110	Tub gurnard	<i>Chelidonichthys lucerna</i>	Triglidae	1	Central Aegean Sea, Sep. 99 to August 2000	19*	34.4*	♀	0.0051	3.245	Uçkan and Toğulga (2019)	0.69	7.6	11.4
111	Tub gurnard	<i>Chelidonichthys lucerna</i>	Triglidae	1	Central Aegean Sea, Sep. 99 to August 2000	17.7*	22.4*	♂	0.0053	3.237	Uçkan and Toğulga (2019)	0.75	8.7	10.4

No	Common name	Species	Family	E	Location, sampling period	$L_m$ (cm) TL or L*	$L_{max}$ (cm) TL or L*	Sex	$a$	$b$	Reference(s)	$D$	$L_m^D$	$L_{max}^D$
112	Large-scaled gurnard	<i>Lepidotrigla cavillone</i>	Triglidae	1	Central Aegean Sea, July 04 to June 07	10.5	15.2	♀	0.0081	3.19	İkyaz <i>et al.</i> (2010)	0.80	6.5	8.8
113		<i>Lepidotrigla cavillone</i>	Triglidae	1	Central Aegean Sea, July 04 to June 07	10.5	14.8	♂	0.009	3.13	İkyaz <i>et al.</i> (2010)	0.80	6.6	8.7
114	Stargazer	<i>Uranoscopus scaber</i>	Uranoscopidae	1	Eastern Black Sea, Jan. 08 to Dec. 08	11.8	30	♀	0.0127	3.096	Ak <i>et al.</i> (2011)	0.69	5.5	10.5
115	Stargazer	<i>Uranoscopus scaber</i>	Uranoscopidae	1	Eastern Black Sea, Jan. 08 to Dec. 08	13.8	19	♂	0.014	3.053	Ak <i>et al.</i> (2011)	0.76	7.3	9.3
116	Swordfish	<i>Xiphias gladius</i>	Xiphiidae	1	Eastern Mediterranean Sea, August 08 to July 11	131.5*	242*	both	0.0025	3.320	Marisaldi <i>et al.</i> (2020); Akyol and Ceyhan (2013)	0.41	7.3	9.4
117	Swordfish	<i>Xiphias gladius</i>	Xiphiidae	1	Eastern Mediterranean Sea, 1992-1997	131.5*	188.5*	both	0.0001	3.463	Aliçli <i>et al.</i> (2012); Marisaldi <i>et al.</i> (2020)	0.56	15.5	19
118	Swordfish	<i>Xiphias gladius</i>	Xiphiidae	1	Eastern Mediterranean Sea, May 93 to Sep. 96	131.5*	219*	both	0.0014	3.447	Aliçli and Oray (2001); Marisaldi <i>et al.</i> (2020)	0.42	7.8	9.6
119	John dory	<i>Zeus faber</i>	Zeiidae	1	North Aegean Sea, Sep. 06 to Sep. 08	25.4	52.8	♀	0.012	3.03	Ismen <i>et al.</i> (2013)	0.62	7.5	11.9
120	John dory	<i>Zeus faber</i>	Zeiidae	1	North Aegean Sea, Sep. 06 to Sep. 08	25.4	42.9	♂	0.022	2.87	Ismen <i>et al.</i> (2013)	0.65	8.3	11.6