SUPPLEMENTARY TABLES

Table S1. Complete database used for the analysis of SPF consumption by Mediterranean predators. Abbreviations for Mediterranean subregions as follows: ALBO: Alboran Sea, ALPR: Algero-Provençal Basin, TYRR: Tyrrhenian Sea, STPS: Strait of Sicily/Tunisian Plateau/Gulf of Sirte, ADRI: Adriatic Sea, IONI: Ionian Sea, AEGE: Aegean Sea, LEVA: Levantine Sea.

Predator group	Predator	Prey	%W	Subregion	Year	Reference
Teleost fishes	*Alosa fallax*	Anchovy	81.91	AEGE	2007	Ceyhan et al. 2012
	Alosa fallax	Sardine	0.35	AEGE	2007	Ceyhan et al. 2012
	Alosa fallax	Anchovy	59.27	AEGE	2001	Karachle and Stergiou 2008
	Alosa fallax	Sardine	36.48	AEGE	2001	Karachle and Stergiou 2008
	Alosa fallax	Anchovy	50.2	AEGE	2006	Karachle 2017
	Alosa fallax	Sardine	30.9	AEGE	2006	Karachle 2017
	Auxis rochei	Anchovy	7.5	TYRR	2003	Mostarda et al. 2007
	Auxis rochei	Round sardinella	0.01	TYRR	2003	Mostarda et al. 2007
	Auxis rochei	Anchovy	2.99	TYRR	2003	Mostarda et al. 2007
	Auxis rochei	Sardine	1.83	TYRR	2003	Mostarda et al. 2007
	Caranx crysos	Anchovy	43.71	STPS	2004	Sley et al. 2009
	Caranx crysos	Round sardinella	24.81	STPS	2004	Sley et al. 2009
	Caranx crysos	Sardine	24.81	STPS	2004	Sley et al. 2009
	Caranx rhonchus	Anchovy	73.42	LEVA	2008	Gilaad et al. 2017
	Caranx rhonchus	Anchovy	46.1	STPS	2004	Sley et al. 2008
	Caranx rhonchus	Round sardinella	15.6	STPS	2004	Sley et al. 2008
	Caranx rhonchus	Sardine	15.6	STPS	2004	Sley et al. 2008
	Chelidonichthys lucerna	Sardine	1.2	ADRI	2005	Castriota et al. 2012
	Chelidonichthys lucerna	Anchovy	0.1	ADRI	2005	Castriota et al. 2012
	Chelidonichthys lucerna	Anchovy	11.91	ADRI	2005	Stagioni et al. 2012
	Conger conger	Anchovy	24.02	AEGE	2001	Karachle and Stergiou 2008
	Conger conger	Anchovy	19.8	AEGE	2006	Karachle 2017
	Conger conger	Anchovy	20.81	ALPR	1976	Macpherson 1981
	Conger conger	Sardine	15.48	STPS	2010	Sallami et al. 2015
	Conger conger	Round sardinella	25.48	STPS	2010	Sallami et al. 2015
	Conger conger	Round sardinella	24.42	STPS	2010	Sallami et al. 2015
	Conger conger	Round sardinella	31.78	STPS	2010	Sallami et al. 2015
	Conger conger	Round sardinella	31.04	STPS	2010	Sallami et al. 2015
	Conger conger	Round sardinella	17.95	STPS	2010	Sallami et al. 2015
	Conger conger	Sardine	6.67	STPS	2010	Sallami et al. 2015
	Conger conger	Sardine	21.54	STPS	2010	Sallami et al. 2015
	Conger conger	Sardine	14.87	STPS	2010	Sallami et al. 2015
	Conger conger	Sardine	14.39	STPS	2010	Sallami et al. 2015
	Conger conger	Anchovy	4.9	ADRI	2001	Vallisneri et al., 2007
	Decapterus russelli	Anchovy	58.09	LEVA	2008	Gilaad et al. 2017
	Dentex dentex	Anchovy	10.98	AEGE	2001	Karachle and Stergiou 2008
	Diplodus cervinus	Sardine	4.53	ALPR	2001	Derbal & Kara, 2006
	Diplodus cervinus	Sprat	2.76	ALPR	2001	Derbal & Kara, 2006
	Engraulis encrasiolus	Anchovy	7.32	AEGE	2001	Karachle and Stergiou 2008
	Engraulis encrasiolus	Anchovy	19.89	AEGE	2001	Karachle and Stergiou 2008

Engraulis encrasiolus	Sardine	10.97	AEGE	2001	Karachle and Stergiou 2008
Engraulis encrasiolus	Sardine	29.31	AEGE	2001	Karachle and Stergiou 2008
Euthynnus alletteratus	Anchovy	1.15	TYRR	2002	Falautano et al. 2007
Euthynnus alletteratus	Anchovy	1.57	TYRR	2002	Falautano et al. 2007
Euthynnus alletteratus	Round sardinella	2.26	TYRR	2002	Falautano et al. 2007
Euthynnus alletteratus	Sardine	12.82	TYRR	2002	Falautano et al. 2007
Euthynnus alletteratus	Anchovy	69.4	ALPR	2012	Navarro et al. 2017
Euthynnus alletteratus	Sardine	23.17	ALPR	2012	Navarro et al. 2017
Euthynnus alletteratus	Round sardinella	1.24	ALPR	2012	Navarro et al. 2017
Euthynnus alletteratus	Sprat	3.82	ALPR	2012	Navarro et al. 2017
Jaydia smithii	Anchovy	50.34	LEVA	2008	Gilaad et al. 2017
Katsuwonus pelamis	Round sardinella	0.57	ALBO	2018	Varela et al. 2019a
Lepidorhombus whiffiagonis	Sardine	0.86	ALPR	1991	Morte et al. 1999a
Lithognathus mormyrus	Anchovy	5.03	STPS	2005	Hamida et al. 2016
Lithognathus mormyrus	Sardine	7.53	STPS	2005	Hamida et al. 2016
Lophius budegassa	Anchovy	5.05	AEGE	2001	Karachle and Stergiou 2008
Lophius budegassa	Sardine	17.29	AEGE	2001	Karachle and Stergiou 2008
Lophius budegassa	Anchovy	4.7	AEGE	2006	Karachle 2017
Lophius budegassa	Sardine	16.1	AEGE	2006	Karachle 2017
Lophius budegassa	Anchovy	5.23	ADRI	2005	Stagioni et al. 2013
Merlangius merlangus	Anchovy	12.74	AEGE	2000	Artüz, 2005
Merlangius merlangus	Anchovy	27.69	AEGE	2001	Karachle and Stergiou 2008
Merlangius merlangus	Anchovy	12.3	AEGE	2006	Karachle 2017
Merluccius merluccius	Sardine	14.6	STPS	1982	Andaloro et al. 1985
Merluccius merluccius	Anchovy	1.1	ALPR	1993	Bozzano et al. 1997
Merluccius merluccius	Sardine	1.2	ALPR	1993	Bozzano et al. 1997
Merluccius merluccius	Anchovy	1.32	STPS	2014	Carrozzi et al. 2019
Merluccius merluccius	Sardine	3.78	STPS	2014	Carrozzi et al. 2019
Merluccius merluccius	Round sardinella	8.47	ALPR	2001	Cartes et al. 2004
Merluccius merluccius	Sardine	16.76	ALPR	2001	Cartes et al. 2004
Merluccius merluccius	Anchovy	29.8	STPS	2018	Fanelli et al. 2018
Merluccius merluccius	Sardine	12.95	AEGE	2001	Karachle and Stergiou 2008
Merluccius merluccius	Anchovy	71.9	AEGE	2001	Karachle and Stergiou 2008
Merluccius merluccius	Anchovy	20.1	AEGE	2006	Karachle and Stergiou 2008
Merluccius merluccius	Anchovy	9.8	ALPR	2004	Mellon-Duval et al. 2017
Merluccius merluccius	Sardine	21.6	ALPR	2004	Mellon-Duval et al. 2017
Merluccius merluccius	Anchovy	30.4	ALPR	2004	Mellon-Duval et al. 2017
Merluccius merluccius	Sardine	38.7	ALPR	2004	Mellon-Duval et al. 2017
Merluccius merluccius	Anchovy	5.7	ALPR	2004	Mellon-Duval et al. 2017
Merluccius merluccius	Sardine	74.1	ALPR	2004	Mellon-Duval et al. 2017
Merluccius merluccius	Anchovy	2.8	ALPR	2004	Mellon-Duval et al. 2017
Merluccius merluccius	Sardine	38.3	ALPR	2004	Mellon-Duval et al. 2017
Merluccius merluccius	Sprat	0.2	ALPR	2004	Mellon-Duval et al. 2017
Merluccius merluccius	Round sardinella	27.62	LEVA	2009	Philips 2012
Merluccius merluccius	Round sardinella	29.24	LEVA	2009	Philips 2012
Merluccius merluccius	Round sardinella	24.92	LEVA	2009	Philips 2012
Merluccius merluccius	Round sardinella	19.91	LEVA	2009	Philips 2012
Merluccius merluccius	Round sardinella	23.49	LEVA	2009	Philips 2012

Merluccius merluccius	Anchovy	15.28	LEVA	2009	Philips 2012
Merluccius merluccius	Anchovy	32.94	LEVA	2009	Philips 2012
Merluccius merluccius	Anchovy	54.46	ADRI	2005	Stagioni et al. 2011
Merluccius merluccius	Sardine	1.45	ADRI	2005	Stagioni et al. 2011
Micromesistius poutassou	Anchovy	24.6	AEGE	2001	Karachle and Stergiou 2008
Micromesistius poutassou	Anchovy	62.3	AEGE	2001	Karachle and Stergiou 2008
Micromesistius poutassou	Anchovy	8.45	AEGE	2001	Karachle and Stergiou 2008
Micromesistius poutassou	Round sardinella	7.73	AEGE	2001	Karachle and Stergiou 2008
Micromesistius poutassou	Round sardinella	8.45	AEGE	2001	Karachle and Stergiou 2008
Micromesistius poutassou	Sardine	7.73	AEGE	2001	Karachle and Stergiou 2008
Micromesistius poutassou	Sardine	8.45	AEGE	2001	Karachle and Stergiou 2008
Micromesistius poutassou	Anchovy	24.6	AEGE	2006	Karachle 2017
Muraena helena	Round sardinella	2.91	STPS	2008	Sallami et al. 2014
Muraena helena	Sardine	1.14	STPS	2008	Sallami et al. 2014
Muraena helena	Round sardinella	3.68	STPS	2008	Sallami et al. 2014
Muraena helena	Sardine	1.56	STPS	2008	Sallami et al. 2014
Muraena helena	Round sardinella	1.34	STPS	2008	Sallami et al. 2014
Muraena helena	Sardine	0.29	STPS	2008	Sallami et al. 2014
Muraena helena	Round sardinella	8.53	STPS	2008	Sallami et al. 2014
Muraena helena	Sardine	1.03	STPS	2008	Sallami et al. 2014
Muraena helena	Round sardinella	8.53	STPS	2008	Sallami et al. 2014
Muraena helena	Sardine	1.19	STPS	2008	Sallami et al. 2014
Muraena helena	Round sardinella	0.49	STPS	2008	Sallami et al., 2014
Muraena helena	Sardine	0.8	STPS	2008	Sallami et al. 2014
Muraena helena	Round sardinella	3.16	STPS	2008	Sallami et al. 2014
Muraena helena	Sardine	23.16	STPS	2008	Sallami et al. 2014
Muraena helena	Round sardinella	14.7	STPS	2008	Sallami et al. 2014
Muraena helena	Round sardinella	23.16	STPS	2008	Sallami et al. 2014
Muraena helena	Sardine	1.66	STPS	2008	Sallami et al. 2014
Muraena helena	Round sardinella	2.07	STPS	2008	Sallami et al. 2014
Nemipterus randalli	Anchovy	20.27	LEVA	2008	Gilaad et al. 2017
Nemipterus randalli	Sardine	3.69	LEVA	2008	Gilaad et al. 2017
Oblada melanura	Anchovy	1.81	ADRI	1992	Pallaoro and Jardas 2003
Oblada melanura	Sardine	2.66	ADRI	1992	Pallaoro and Jardas 2003
Ophichthus rufus	Anchovy	6.4	ALPR	1985	Casadesvall et al., 1994
Pagrus caeruleostictus	Anchovy	43.15	LEVA	2008	Gilaad et al. 2017
Phycis blennoides	Sardine	0.13	ALPR	1991	Morte et al. 2002
Pomatomus saltatrix	Anchovy	43.82	STPS	-	Dhieb et al., 2001
Pomatomus saltatrix	Anchovy	5.37	STPS	-	Dhieb et al., 2001
Pomatomus saltatrix	Sprat	22.41	STPS	-	Dhieb et al., 2001
Sarda sarda	Anchovy	48.94	TYRR	2003	Campo et al. 2006
Sarda sarda	Anchovy	16.03	TYRR	2003	Campo et al. 2006
Sarda sarda	Anchovy	3.23	TYRR	2003	Campo et al. 2006
Sarda sarda	Round sardinella	37.65	TYRR	2003	Campo et al. 2006
Sarda sarda	Round sardinella	83.46	TYRR	2003	Campo et al. 2006
Sarda sarda	Sardine	51.06	TYRR	2003	Campo et al. 2006
Sarda sarda	Sardine	43.82	TYRR	2003	Campo et al. 2006
Sarda sarda	Sardine	6.6	TYRR	2003	Campo et al. 2006

Sarda sarda	Anchovy	9.4	TYRR	2003	Campo et al. 2006
Sarda sarda	Round sardinella	62	TYRR	2003	Campo et al. 2006
Sarda sarda	Sardine	23.9	TYRR	2003	Campo et al. 2006
Sarda sarda	Anchovy	27.3	AEGE	2007	Fletcher et al. 2013
Sarda sarda	Sardine	10.13	AEGE	2007	Fletcher et al. 2013
Sarda sarda	Anchovy	4.96	ALPR	-	Lleonart 1990
Sarda sarda	Round sardinella	1.56	ALPR	-	Lleonart 1990
Sarda sarda	Sardine	18.88	ALPR	-	Lleonart 1990
Sarda sarda	Anchovy	2.03	ALPR	2012	Navarro et al. 2017
Sarda sarda	Sardine	34.46	ALPR	2012	Navarro et al. 2017
Sarda sarda	Round sardinella	38.48	ALPR	2012	Navarro et al. 2017
Sarda sarda	Sardine	11.42	ALBO	2015	Varela et al. 2019b
Sarda sarda	Anchovy	5.38	ALBO	2015	Varela et al. 2019b
Saurida lessepsianus	Anchovy	10.4	LEVA	2008	Gilaad et al. 2017
Saurida lessepsianus	Sardine	1.1	LEVA	2008	Gilaad et al. 2017
Saurida undosquamis	Anchovy	51	LEVA	-	Golani 1993
Saurida undosquamis	Round sardinella	9	LEVA	-	Golani 1993
Saurida undosquamis	Anchovy	51	LEVA	-	Golani 1993
Saurida undosquamis	Round sardinella	9	LEVA	-	Golani 1993
Saurida undosquamis	Sardine	10.37	AEGE	1993	Goutner, 1997
Scomber colias	Anchovy	5.2	AEGE	2006	Karachle 2017
Scomber colias	Sardine	14.7	AEGE	2006	Karachle 2017
Scomber japonicus	Anchovy	14.15	AEGE	2001	Karachle and Stergiou 2008
Scomber japonicus	Sardine	40	AEGE	2001	Karachle and Stergiou 2008
Scomber scombrus	Anchovy	90.08	AEGE	2001	Karachle and Stergiou 2008
Scomber scombrus	Sardine	7.02	AEGE	2001	Karachle and Stergiou 2008
Scomber scombrus	Anchovy	68	AEGE	2006	Karachle 2017
Scomber scombrus	Sardine	5.3	AEGE	2006	Karachle 2017
Scomberomorus commerson	Anchovy	56.27	LEVA	1999	Bakhoum 2007
Scomberomorus commerson	Round sardinella	20.23	LEVA	1999	Bakhoum 2007
Scomberomorus commerson	Sardine	16.95	LEVA	1999	Bakhoum 2007
Scomberomorus commerson	Anchovy	11.92	LEVA	2008	Gilaad et al. 2017
Scorpaena porcus	Anchovy	3.9	ADRI	2005	Castriota et al. 2012
Seriola dumerili	Round sardinella	9.2	STPS	1989	Andaloro *et al.,* 1997
Seriola dumerili	Sardine	21.8	STPS	1989	Andaloro *et al.,* 1997
Seriola dumerili	Anchovy	9	ALPR	1985	Matallanas et al. 1995
Seriola dumerili	Sardine	45	ALPR	1985	Matallanas et al. 1995
Seriola dumerili	Round sardinella	21.8	TYRR	1992	Mazzola et al., 1993
Seriola dumerili	Sardine	9.2	TYRR	1992	Mazzola et al., 1993
Seriola dumerili	Anchovy	1.35	STPS	2004	Sley et al. 2016
Serranus cabrilla	Sardine	15.7	AEGE	1990	Labropoulou and Eleftheriou 1997
Serranus hepatus	Sardine	3.18	AEGE	1990	Labropoulou and Eleftheriou 1997
Sparus aurata	Round sardinella	3.6	STPS	2008	Taieb et al., 2013
Sparus aurata	Sardine	3.6	STPS	2008	Taieb et al., 2013
Sphyraena sphyraena	Anchovy	53.32	AEGE	2001	Karachle and Stergiou 2008
Sphyraena sphyraena	Sardine	46.68	AEGE	2001	Karachle and Stergiou 2008

Sphyraena sphyraena	Anchovy	45.8	AEGE	2006	Karachle 2017
Sphyraena sphyraena	Sardine	40.1	AEGE	2006	Karachle 2017
Sphyraena viridensis	Sardine	5.26	AEGE	2008	Kalogirou et al. 2012
Synodus saurus	Anchovy	8.9	TYRR	2005	Esposito et al. 2009
Synodus saurus	Round sardinella	12.3	TYRR	2005	Esposito et al. 2009
Synodus saurus	Sardine	8	TYRR	2005	Esposito et al. 2009
Synodus saurus	Sprat	0.96	TYRR	2005	Esposito et al. 2009
Synodus saurus	Anchovy	23.37	LEVA	2008	Gilaad et al. 2017
Tetrapturus belone	Sardine	0.01	IONI	1995	Castriota et al. 2008
Tetrapturus belone	Round sardinella	12.3	IONI	1995	Castriota et al. 2008
Tetrapturus belone	Anchovy	0.1	IONI	1995	Castriota et al. 2008
Tetrapturus belone	Sardine	0.01	IONI	2004	Romeo et al. 2009
Tetrapturus belone	Round sardinella	37.49	IONI	2004	Romeo et al. 2009
Tetrapturus belone	Anchovy	5.89	IONI	2004	Romeo et al. 2009
Thunnus alalunga	Anchovy	20	AEGE	2005	Goñi et al. 2011
Thunnus thynnus	Round sardinella	2.48	IONI	2010	Battaglia et al. 2013
Thunnus thynnus	Anchovy	11.02	ALBO	2008	Serna-Ernst et al. 2012
Thunnus thynnus	Sardine	15.18	ALBO	2008	Serna-Ernst et al. 2012
Thunnus thynnus	Sprat	2.28	TYRR	QQ	Sinopoli et al., 2004
Thunnus thynnus	Anchovy	36.72	ALPR	2010	Medina et al. 2015
Thunnus thynnus	Sardine	53.61	ALPR	2010	Medina et al. 2015
Thunnus thynnus	Anchovy	29.97	ALPR	2010	Medina et al. 2015
Thunnus thynnus	Sardine	50.67	ALPR	2010	Medina et al. 2015
Thunnus thynnus	Anchovy	14.56	ADRI	1957	Morovic, 1961
Thunnus thynnus	Anchovy	1.1	ALPR	-	Orsi Relini et al., 1995
Thunnus thynnus	Anchovy	35	ALPR	1989	Sanz Brau, 1990
Thunnus thynnus	Sardine	36	ALPR	1989	Sanz Brau, 1990
Thunnus thynnus	Anchovy	0.2	TYRR	1998	Sinopoli et al. 2004
Thunnus thynnus	Anchovy	0.88	ALPR	2015	Varela et al. 2019b
Thunnus thynnus	Sardine	43.7	ALBO	2015	Varela et al. 2019b
Thunnus thynnus	Anchovy	48	ALBO	2015	Varela et al. 2019b
Thunnus thynnus	Anchovy	61.47	ALPR	2012	Varela et al. 2018
Thunnus thynnus	Sprat	0.98	ALPR	2012	Varela et al. 2018
Thunnus thynnus	Anchovy	80.38	ALPR	2012	Varela et al. 2018
Thunnus thynnus	Anchovy	90.62	ALPR	2012	Varela et al. 2018
Thunnus thynnus	Anchovy	32.04	ALPR	2012	Varela et al. 2018
Thunnus thynnus	Anchovy	58.02	ALPR	2012	Varela et al. 2018
Thunnus thynnus	Anchovy	48.18	ALPR	2012	Varela et al. 2018
Trachinotus ovatus	Round sardinella	33.7	IONI	2012	Battaglia et al. 2016
Trachinotus ovatus	Anchovy	11.9	IONI	2012	Battaglia et al. 2016
Trachinus draco	Anchovy	9.1	AEGE	2001	Karachle and Stergiou 2008
Trachinus draco	Anchovy	9.1	AEGE	2006	Karachle 2017
Trachinus draco	Anchovy	0.44	ALPR	1991	Morte et al. 1999b
Trachinus draco	Sardine	0.67	ALPR	1991	Morte et al. 1999b
Trachurus mediterraneus	Anchovy	21.87	AEGE	2001	Karachle and Stergiou 2008
Trachurus mediterraneus	Sardine	5.18	AEGE	2001	Karachle and Stergiou 2008
Trachurus mediterraneus	Anchovy	3.8	AEGE	2006	Karachle 2017
Trachurus mediterraneus	Sardine	0.9	AEGE	2006	Karachle 2017

	Trachurus mediterraneus	Anchovy	5.46	ADRI	1996	Šantic et al., 2003
	Trachurus mediterraneus	Sardine	1.63	ADRI	1996	Šantic et al., 2003
	Trachurus mediterraneus	Anchovy	4.8	ADRI	1995	Šantic et al., 2005
	Trachurus mediterraneus	Sardine	3.1	ADRI	1995	Šantic et al., 2005
	Trachurus trachurus	Anchovy	2.08	ADRI	1996	Jardas et al. 2004
	Trachurus trachurus	Sardine	4.84	ADRI	1996	Jardas et al. 2004
	Trachurus trachurus	Anchovy	9.85	AEGE	2001	Karachle and Stergiou 2008
	Trachurus trachurus	Sardine	39.22	STPS	2011	Rumolo et al. 2017
	Trichiurus lepturus	Anchovy	70.05	LEVA	1999	Bakhoum 2007
	Trichiurus lepturus	Round sardinella	2.59	LEVA	1999	Bakhoum 2007
	Trichiurus lepturus	Sardine	5.2	LEVA	1999	Bakhoum 2007
	Trichiurus lepturus	Anchovy	62.39	LEVA	1999	Bakhoum 2007
	Trichiurus lepturus	Round sardinella	21.9	LEVA	1999	Bakhoum 2007
	Trichiurus lepturus	Anchovy	62.06	LEVA	1999	Bakhoum 2007
	Trichiurus lepturus	Anchovy	65.42	LEVA	1999	Bakhoum 2007
	Trichiurus lepturus	Round sardinella	5.58	LEVA	1999	Bakhoum 2007
	Trichiurus lepturus	Sardine	17.76	LEVA	1999	Bakhoum 2007
	Trichiurus lepturus	Anchovy	69.35	LEVA	1999	Bakhoum 2007
	Trichiurus lepturus	Round sardinella	2.08	LEVA	1999	Bakhoum 2007
	Trichiurus lepturus	Sardine	2.87	LEVA	1999	Bakhoum 2007
	Trisopterus capelanus	Anchovy	2.3	AEGE	2006	Karachle 2017
	Trisopterus minutus	Anchovy	5.31	AEGE	2001	Karachle and Stergiou 2008
	Uranoscopus scaber	Anchovy	11.19	AEGE	2001	Karachle and Stergiou 2008
	Uranoscopus scaber	Anchovy	1.8	AEGE	2006	Karachle 2017
	Xiphias gladius	Anchovy	36.1	AEGE	2015	Ceyhan & Akyol, 2017
	Xiphias gladius	Sardine	41.1	AEGE	2015	Ceyhan & Akyol, 2017
	Xiphias gladius	Round sardinella	1.8	AEGE	2015	Ceyhan & Akyol, 2017
	Xiphias gladius	Anchovy	5.67	ALPR	2012	Navarro et al. 2017
	Xiphias gladius	Sardine	2.35	ALPR	2012	Navarro et al. 2017
	Xiphias gladius	Round sardinella	14.76	ALPR	2012	Navarro et al. 2017
	Xiphias gladius	Anchovy	59.56	ALPR	-	Orsi Relini et al., 1995
	Xiphias gladius	Sardine	3.82	ALPR	-	Orsi Relini et al., 1995
	Xiphias gladius	Sardine	1.14	IONI	2004	Romeo et al. 2009
	Xiphias gladius	Round sardinella	7.79	IONI	2004	Romeo et al. 2009
	Zeus faber	Anchovy	16.1	AEGE	2006	Ismen et al. 2013
	Zeus faber	Sardine	7.63	AEGE	2006	Ismen et al. 2013
	Zeus faber	Sardine	27.48	ADRI	-	Jardas, 1973
Elasmobranchs	*Dipturus oxyrinchus*	Sardine	2.68	AEGE	2005	Yigin & Ismen, 2010
	Etmopterus spinax	Anchovy	10.7	ALPR	1976	Macpherson 1980
	Etmopterus spinax	Anchovy	25.13	ALPR	1976	Macpherson 1981
	Hexanchus griseus	Sprat	5.84	aaa	aaaa	Celona et al., 2005
	Galeus melastomus	Anchovy	1.07	AEGE	2001	Karachle and Stergiou 2008
	Galeus melastomus	Anchovy	6.47	ALPR	1976	Macpherson 1980
	Galeus melastomus	Anchovy	13.5	ALPR	1976	Macpherson 1981
	Mustelus mustelus	Anchovy	18.1	AEGE	2014	Yemisken et al. 2019
	Mustelus mustelus	Round sardinella	2.42	STPS	2002	Saïdi et al. 2009
	Mustelus mustelus	Sardine	2.08	STPS	2002	Saïdi et al. 2009
	Mustelus mustelus	Sprat	2.50	STPS	2002	Saïdi et al. 2009

	Mustelus punctulatus	Sardine	2.6	ADRI	2002	Lipej et al. 2011
	Mustelus punctulatus	Sprat	3.28	ADRI	2002	Lipej et al. 2011
	Mustelus punctulatus	Round sardinella	1.39	STPS	2002	Saïdi et al. 2009
	Mustelus punctulatus	Sardine	0.74	STPS	2002	Saïdi et al. 2009
	Pteroplatytrygon violacea	Round sardinella	0.04	ADRI	2005	Lipej et al. 2013
	Pteroplatytrygon violacea	Anchovy	55.86	ADRI	2005	Lipej et al. 2013
	Pteroplatytrygon violacea	Sardine	4.3	ADRI	2005	Lipej et al. 2013
	Pteroplatytrygon violacea	Sprat	0.67	ADRI	2005	Lipej et al. 2013
	Raja asterias	Anchovy	0.19	ALPR	2003	Barría et al. 2015
	Raja asterias	Sardine	4.58	ALPR	2002	Navarro et al., 2013
	Raja asterias	Round sardinella	0.88	TYRR	2001	Serena et al., 2005
	Raja asterias	Sardine	1.94	TYRR	2001	Serena et al., 2005
	Raja asterias	Anchovy	2.69	TYRR	2001	Serena et al., 2005
	Raja clavata	Anchovy	24.55	ALPR	2003	Barría et al. 2015
	Raja clavata	Sardine	2.5	ADRI	2009	Šantic et al., 2012
	Rhinobatos rhinobatos	Round sardinella	0.68	STPS	-	Enajjar et al. 2007
	Rhinobatos rhinobatos	Round sardinella	1.74	STPS	-	Enajjar et al. 2007
	Rhinobatos rhinobatos	Anchovy	2.25	STPS	-	Enajjar et al. 2007
	Rhinobatos rhinobatos	Anchovy	2.68	STPS	-	Enajjar et al. 2007
	Scyliorhinus canicula	Sardine	26.68	AEGE	1998	Çakir et al., 2005
	Scyliorhinus canicula	Sardine	13.07	AEGE	1998	Çakir et al., 2005
	Scyliorhinus canicula	Anchovy	7.77	AEGE	2002	Filiz & Tasksavak, 2006
	Scyliorhinus canicula	Anchovy	25.44	AEGE	2001	Karachle and Stergiou 2008
	Scyliorhinus canicula	Anchovy	7.67	ALPR	1976	Macpherson 1981
	Squalus acanthias	Sardine	12.7	ADRI	-	Jardas, 1972
	Squalus blainville	Anchovy	4.13	AEGE	2014	Yemisken et al. 2019
	Squalus megalops	Round sardinella	4.22	STPS	2007	Marouani et al. 2018
	Squalus megalops	Sardine	1.12	STPS	2007	Marouani et al. 2018
	Torpedo marmorata	Sardine	10.85	LEVA	1991	Abdel-Azziz, 1994
	Torpedo marmorata	Anchovy	10.23	AEGE	2001	Karachle and Stergiou 2008
	Torpedo marmorata	Sardine	45.69	AEGE	2001	Karachle and Stergiou 2008
Marine mammals	*Delphinus delphis*	Sardine	9.3	ALBO	2006	Giménez et al. 2018
	Delphinus delphis	Round sardinella	0.1	ALBO	2006	Giménez et al. 2018
	Delphinus delphis	Anchovy	0.25	ALBO	2006	Giménez et al. 2018
	Delphinus delphis	Sardine	5.13	AEGE	1998	Milani et al. 2018
	Delphinus delphis	Round sardinella	18.68	AEGE	1998	Milani et al. 2018
	Delphinus delphis	Anchovy	1.28	AEGE	1998	Milani et al. 2018
	Delphinus delphis	Sprat	7.1	AEGE	1998	Milani et al., 2018
	Delphinus delphis	Anchovy	38.6	ALPR	-	Orsi Relini & Relini, 1993
	Delphinus delphis	Sardine	2.3	ALPR	-	Orsi Relini & Relini, 1993
	Delphinus delphis	Sprat	11.45	ALPR	-	Orsi Relini & Relini, 1993
	Phocoena phocoena	Anchovy	4.87	AEGE	1998	Milani et al. 2018
	Phocoena phocoena	Sardine	4.32	AEGE	1998	Milani et al. 2018
	Phocoena phocoena	Round sardinella	19.51	AEGE	1998	Milani et al. 2018
	Phocoena phocoena	Sprat	3.93	AEGE	1998	Milani et al. 2018
	Physeter macrocephalus	Sardine	1	ALPR	-	Rendell and Frantzis 2016
	Stenella coeruleoalba	Anchovy	0.5	ALPR	1991	Aznar et al. 2017
	Stenella coeruleoalba	Anchovy	0.6	ALPR	2000	Aznar et al. 2017

	Stenella coeruleoalba	Anchovy	5.2	ALPR	2009	Aznar et al. 2017
	Stenella coeruleoalba	Round sardinella	12.6	ALPR	1991	Aznar et al. 2017
	Stenella coeruleoalba	Round sardinella	1.3	ALPR	2000	Aznar et al. 2017
	Stenella coeruleoalba	Sardine	0.4	ALPR	1991	Aznar et al. 2017
	Stenella coeruleoalba	Sardine	0.2	ALPR	2000	Aznar et al. 2017
	Stenella coeruleoalba	Sardine	0.1	ALPR	2007	Aznar et al. 2017
	Stenella coeruleoalba	Sardine	0.6	ALPR	2009	Aznar et al. 2017
	Stenella coeruleoalba	Sprat	0.7	ALPR	1990	Aznar et al. 2017
	Stenella coeruleoalba	Round sardinella	3.76	AEGE	1998	Milani et al. 2018
	Stenella coeruleoalba	Anchovy	2.46	TYRR	1990	Voliani et al., 2012
	Stenella coeruleoalba	Sardine	0.01	TYRR	1990	Voliani et al., 2012
	Stenella coeruleoalba	Anchovy	1.3	ALPR	1983	Würtz and Marrale 1993
	Tursiops truncatus	Round sardinella	8.43	AEGE	1998	Milani et al. 2018
Seabirds	*Larus melanocepalus*	Anchovy	2.73	AEGE	1984	Goutner 1986
	Larus melanocepalus	Sardine	7.75	AEGE	1984	Goutner 1986
	Phalacrocorax aristotelis	Anchovy	0.62	ADRI	2005	Cosolo et al. 2011
	Phalacrocorax aristotelis	Anchovy	2.23	ADRI	2005	Cosolo et al. 2011
	Phalacrocorax aristotelis	Anchovy	2.29	ADRI	2005	Cosolo et al. 2011
	Phalacrocorax aristotelis	Anchovy	0.93	ADRI	2005	Cosolo et al. 2011
	Phalacrocorax aristotelis	Anchovy	0.48	ADRI	2005	Cosolo et al. 2011
	Phalacrocorax aristotelis	Anchovy	0.24	ADRI	2005	Cosolo et al. 2011
	Phalacrocorax aristotelis	Anchovy	0.76	ADRI	2005	Cosolo et al. 2011
	Phalacrocorax aristotelis	Anchovy	0.46	ADRI	2005	Cosolo et al. 2011
	Phalacrocorax carbo	Sardine	10.37	AEGE	1993	Goutner et al. 1997
	Puffinus mauretanicus	Anchovy	14	ALPR	1997	Arcos, 2001
	Puffinus mauretanicus	Sardine	22.4	ALPR	1997	Arcos, 2001
	Puffinus yelkouan	Anchovy	22	ALPR	2004	Bourgeois et al. 2011
	Puffinus yelkouan	Sardine	40	ALPR	2004	Bourgeois et al. 2011
Sea turtles	*Caretta caretta*	Anchovy	0.25	ALPR	2006	Cardona et al. 2012
Cephalopods	*Eledone moschata*	Anchovy	0.76	ADRI	2001	Krstulović and Vrgoč 2009
	Eledone moschata	Sardine	2.18	ADRI	2001	Krstulović and Vrgoč 2009
	Illex coindetti	Sprat	8.4	ALPR	2013	Martínez-Baena et al. 2016
	Illex coindetti	Anchovy	1.41	ALPR	2013	Martínez-Baena et al. 2016

Table S2: Species that could not be included due to a lack of information on %W or at specific level though they reported SPF consumption by Mediterranean predators. Abbreviations for Mediterranean subregions as follows: ALBO: Alboran Sea, ALPR: Algero-Provençal Basin, TYRR: Tyrrhenian Sea, STPS: Strait of Sicily/Tunisian Plateau/Gulf of Sirte, ADRI: Adriatic Sea, IONI: Ionian Sea, AEGE: Aegean Sea, LEVA: Levantine Sea.

Predator group	Predator	Prey	%W	%N	Subregion	Year	Reference
Teleost fishes	*Coryphaena hippurus*	Anchovy	-	38.83	IONI	1994	Castriota et al. 2007
	Coryphaena hippurus	Anchovy	-	5.08	TYRR	1994	Castriota et al. 2007
	Coryphaena hippurus	Sardine	-	0.07	IONI	1994	Castriota et al. 2007
	Coryphaena hippurus	Sardine	-	0.02	TYRR	1994	Castriota et al. 2007
	Coryphaena hippurus	Round sardinella	-	1.27	IONI	1994	Castriota et al. 2007
	Dentex dentex	Anchovy	-	0.85	ALPR	1993	Morales-nin et al., 1997
	Epinephelus costae	Clupeiformes	12.76	-	ALPR	2001	Derbal, et al., 2007
	Fistularia commersonii	Sardine	-	0.8	LEVA	2004	Bariche et al. 2009
	Fistularia commersonii	Anchovy	-	0.5	LEVA	2004	Bariche et al. 2009
	Fistularia commersonii	Round sardinella	-	9.2	LEVA	2004	Bariche et al. 2009
	Lithognatus mormyrus	Clupeiformes	2.53	-	ALPR	2008	Santic et al., 2010
	Merluccius merluccius	Sardine	-	32.7	TYRR	2005	Sinopoli et al. 2011
	Merluccius merluccius	Anchovy	-	3.9	TYRR	2005	Sinopoli et al. 2011
	Merluccius merluccius	Round sardinella	-	3.9	TYRR	2005	Sinopoli et al. 2011
	Merluccius merluccius	Sardine	-	43.9	TYRR	2005	Sinopoli et al. 2011
	Merluccius merluccius	Anchovy	-	18.4	TYRR	2005	Sinopoli et al. 2011
	Merluccius merluccius	Round sardinella	-	8.2	TYRR	2005	Sinopoli et al. 2011
	Merluccius merluccius	Anchovy	-	1	TYRR	2005	Sinopoli et al. 2011
	Merluccius merluccius	Sardine	-	12.5	TYRR	2005	Sinopoli et al. 2011
	Merluccius merluccius	Anchovy	-	12.5	TYRR	2005	Sinopoli et al. 2011
	Merluccius merluccius	Sardine	-	4	TYRR	2005	Sinopoli et al. 2011
	Merluccius merluccius	Anchovy	-	2	TYRR	2005	Sinopoli et al. 2011
	Merluccius merluccius	Sardine	-	10.5	TYRR	2005	Sinopoli et al. 2011
	Merluccius merluccius	Anchovy	-	7	TYRR	2005	Sinopoli et al. 2011
	Merluccius merluccius	Clupeiformes	-	21.33	ADRI	1963	Froglia, 1973
	Merluccius merluccius	Clupeiformes	-	9.86	AEGE	1975	Caragitsou et al., 1977
	Merluccius merluccius	Clupeiformes	-	13.71	AEGE	1983	Papaconstantinou et al., 1987
	Merluccius merluccius	Clupeiformes	22.4	-	ADRI	1963	Jukic, 2008
	Pomatomus saltatrix	Clupeiformes	14.61	-	STPS	-	Dhieb et al., 2001
	Pomatomus saltatrix	Clupeiformes	22.41	-	STPS	-	Dhieb et al., 2001
	Thunnus alalunga	Round sardinella	-	0.86	TYRR	2006	Consoli et al. 2008
	Thunnus alalunga	Sardine	-	5.8	TYRR	2006	Consoli et al. 2008
	Thunnus sp.	Anchovy	-	87.5	IONI	2002	Bearzi et al. 2006
	Thunnus sp.	Sardine	-	12.5	IONI	2002	Bearzi et al. 2006
	Thunnus thynnus	Round sardinella	-	0.7	LEVA	2006	Karakulak et al. 2009
	Thunnus thynnus	Sardine	-	0.3	LEVA	2006	Karakulak et al. 2009
	Thunnus thynnus	Anchovy	-	0.9	LEVA	2006	Karakulak et al. 2009
	Thunnus thynnus	Sprat	-	8.00	ADRI	AA	Morovic, 1961
	Trachurus mediterraneus	Clupeiformes	-	8.5	ALPR	1978	Salem, 1988
	Trachurus mediterraneus	Clupeiformes	-	11.8	ALPR	1978	Salem, 1988

	Trachurus trachurus	Clupeiformes	-	2.4	ALPR	1978	Salem, 1988
	Trachurus trachurus	Clupeiformes	-	7.9	ALPR	1978	Salem, 1988
	Trachurus trachurus	Clupeiformes	-	12.1	ALPR	1978	Salem, 1988
	Trigla lucerna	Sardine	-	0.112	AEGE	1989	Morte et al. 1997
	Xiphias gladius	Anchovy	-	11.5	AEGE	2000	Salman 2004
	Xiphias gladius	Anchovy	-	51.1	AEGE	2000	Salman 2004
	Xiphias gladius	Anchovy	-	26.4	AEGE	2000	Salman 2004
	Xiphias gladius	Sardine	-	10.4	AEGE	2000	Salman 2004
	Xiphias gladius	Sardine	-	15.8	AEGE	2000	Salman 2004
	Xiphias gladius	Sardine	-	15.1	AEGE	2000	Salman 2004
	Xiphias gladius	European Sprat	-	0.3	AEGE	2000	Salman 2004
	Xiphias gladius	Clupeiformes	-	33.3	ALPR	1990	Chalabi et al., 1992
Elasmobranchs	*Dipturus oxyrinchus*	Clupeiformes	-	0.19	ALPR	2007	Valls et al. 2017
	Etmopterus spinax	Clupeiformes	-	4.94	ALPR	2007	Valls et al. 2017
	Etmopterus spinax	Clupeiformes	-	5.88	ALPR	2007	Valls et al. 2017
	Galeus melastomus	Clupeiformes	-	4.23	ALPR	2007	Valls et al. 2017
	Galeus melastomus	Clupeiformes	-	4.75	ALPR	2007	Valls et al. 2017
	Raja clavata	Clupeiformes	-	0.77	ALPR	2007	Valls et al. 2017
	Raja clavata	Clupeiformes	-	2.49	ALPR	2007	Valls et al. 2017
	Scyliorhinus canícula	Clupeiformes	-	2.45	ALPR	2007	Valls et al. 2017
Marine mammals	*Delphinus delphis*	Anchovy	-	37.2	IONI	2002	Bearzi et al. 2006
	Delphinus delphis	Sardine	-	62.8	IONI	2002	Bearzi et al. 2006
	Tursiops truncatus	Anchovy	-	6.7	ALPR	1983	Blanco et al. 2001
	Tursiops truncatus	Sardine	-	2.4	ALPR	1983	Blanco et al. 2001
	Tursiops truncatus	Clupeiformes	5.99	-	ALPR	-	Salomón, 1997
	Tursiops truncatus	Clupeiformes	5.67	-	ALPR	-	Orsi Relini et al, 1994
Seabirds	*Ichthyaetus audouinii*	Clupeiformes	56.7	22.7	ALPR	1993	González-Solís et al 1997
	Ichthyaetus audouinii	Clupeiformes	14.36	-	ALPR	1993	Oro et al., 2008
	Larus michahellis	Clupeiformes	1.70	-	ALPR	2006	Bosch et al. 2000
Cephalopods	*Abralia veranyi*	Clupeiformes	-	9.85	ALPR	2007	Valls et al. 2017
	Bathypolypus sponsalis	Clupeiformes	-	0.19	ALPR	2007	Valls et al. 2017
	Bathypolypus sponsalis	Clupeiformes	-	0.25	ALPR	2007	Valls et al. 2017
	Eledone cirrhosa	Clupeiformes	-	0.24	ALPR	2007	Valls et al. 2017
	Histioteuthis bonnellii	Clupeiformes	-	11.77	ALPR	2007	Valls et al. 2017
	Histioteuthis reversa	Clupeiformes	-	4.49	ALPR	2007	Valls et al. 2017
	Illex coindetti	Clupeiformes	-	13.61	ALPR	2007	Valls et al. 2017
	Loligo forbesii	Clupeiformes	-	4.61	ALPR	2007	Valls et al. 2017
	Loligo forbesii	Clupeiformes	-	11.26	ALPR	2007	Valls et al. 2017
	Loligo vulgaris	Clupeiformes	-	32.92	ALPR	1990	Pierce et al. 1994
	Loligo vulgaris	Clupeiformes	-	2.29	ALPR	2007	Valls et al. 2015
	Octopus salutii	Clupeiformes	-	1.25	ALPR	2007	Valls et al. 2017
	Pteroctopus tetracirrhus	Clupeiformes	-	2.23	ALPR	2007	Valls et al. 2017
	Pteroctopus tetracirrhus	Clupeiformes	-	1.01	ALPR	2007	Valls et al. 2017
	Rondeletiola minor	Clupeiformes	-	1.86	ALPR	2007	Valls et al. 2017
	Rossia macrosoma	Clupeiformes	-	7	ALPR	2007	Valls et al. 2017
	Sepia orbignyana	Clupeiformes	-	4.43	ALPR	2007	Valls et al. 2017
	Todarodes sagittatus	Clupeiformes	-	2.92	ALPR	2007	Valls et al. 2017
	Todarodes sagittatus	Clupeiformes	-	10.28	ALPR	2007	Valls et al. 2017

Table S3: %W. Generalized Linear Model (GLM) coeffeicient differences among predator groups.

Predator group	Estimate	Std. Error	t value	p. value
Teleost fishes	13.02	5.65	2.30	<0.05
Elasmobranchs	6.44	6.05	1.07	0.31
Marine mammals	2.9	5.65	0.51	0.62
Seabirds	12.13	6.75	1.80	0.10
Cephalopods	1.69	4.27	0.40	0.70
Sea turtles	-1.44	8.55	-0.17	0.87

Table S4.a: European anchovy. Generalized Linear Model (GLM) coefficient differences between subregions. For this GLM the response variables (%W) was square root transformed. Abbreviations for Mediterranean subregions as follows: ALBO: Alboran Sea, ALPR: Algero-Provençal Basin, TYRR: Tyrrhenian Sea, STPS: Strait of Sicily/Tunisian Plateau/Gulf of Sirte, ADRI: Adriatic Sea, IONI: Ionian Sea, AEGE: Aegean Sea, LEVA: Levantine Sea.

Subregion	Estimate	Std. Error	t value	p. value
ALBO	11.14	1.22	9.09	< 0.005
ALPR	-9.31	0.60	-15.44	< 0.005
TYRR	4.32	0.81	5.31	<0.005
ADRI	-10.87	0.49	-22.17	<0.005
STPS	5.23	0.81	6.43	< 0.005
AEGE	2.11	0.59	3.58	<0.005
LEVA	11.42	0.72	15.82	<0.005

Table S4.b: Sardine. Generalized Linear Model (GLM) coeffeicient differences between subregions. For this GLM the response variables (%W) was log transformed. Abbreviations for Mediterranean subregions as follows: ALBO: Alboran Sea, ALPR: Algero-Provençal Basin, TYRR: Tyrrhenian Sea, STPS: Strait of Sicily/Tunisian Plateau/Gulf of Sirte, ADRI: Adriatic Sea, IONI: Ionian Sea, AEGE: Aegean Sea, LEVA: Levantine Sea.

Subregion	Estimate	Std. Error	t value	p. value
ALBO	10.56	0.90	11.70	<0.005
ALPR	-8.51	0.54	-15.79	<0.005
TYRR	2.47	0.67	3.70	<0.005
ADRI	-10.77	0.45	-23.86	<0.005
STPS	-0.70	0.55	-1.26	0.20
AEGE	-0.88	0.53	-1.67	0.10
LEVA	7.52	0.74	10.11	<0.005

Table S4.c: Round sardinella. Generalized Linear Model (GLM) coeffeicient differences between subregions. For this GLM the response variables (%W) was square root transformed. Abbreviations for Mediterranean subregions as follows: ALBO: Alboran Sea, ALPR: Algero-Provençal Basin, TYRR: Tyrrhenian Sea, STPS: Strait of Sicily/Tunisian Plateau/Gulf of Sirte, ADRI: Adriatic Sea, IONI: Ionian Sea, AEGE: Aegean Sea, LEVA: Levantine Sea.

Subregion	Estimate	Std. Error	t value	p. value
ALBO	-1.56	1.43	-1.10	0.2782
ALPR	-1.31	0.71	-1.84	0.0719
TYRR	-6.02	0.78	-8.1	<0.005
ADRI	-	-	-	-
STPS	-7.04	0.58	-12.15	<0.005
AEGE	-0.98	0.50	-1.94	0.0573
LEVA	-1.52	0.64	-2.40	<0.05

Table S5: Number of articles by region. Abbreviations for Mediterranean subregions as follows: ALBO: Alboran Sea, ALPR: Algero-Provençal Basin, TYRR: Tyrrhenian Sea, STPS: Strait of Sicily/Tunisian Plateau/Gulf of Sirte, ADRI: Adriatic Sea, IONI: Ionian Sea, AEGE: Aegean Sea, LEVA: Levantine Sea.

Subregion	**N° of articles**
ALBO	4
ALPR	28
TYRR	8
ADRI	17
STPS	18
IONI	4
AEGE	17
LEVA	5

Table S6. Summary of the analysis of non-important predators of European anchovy. Total number of studies in the available literature of each predator species were compared to the studies in which European anchovy was detected as part of the diet. Color code is for better visualization of high/low percentages.

Predator	Total nº studies	Studies anchovy	%
Scomber scombrus	4	4	100.0
Trichurus lepturus	1	1	100.0
Alosa fallax	3	3	100.0
Caranx rhonchus	4	3	75.0
Decapterus russelli	1	1	100.0
Pteroplatytrygon violacea	2	1	50.0
Saurida undosquamis	2	2	100.0
Jaydia smithii	1	1	100.0
Sphyraena sphyraena	4	3	75.0
Caranx crysos	2	1	50.0
Pagrus caeruleostictus	2	1	50.0
Thunnus thynnus	12	8	66.7
Scomberomorus commerson	2	2	100.0
Xiphias gladius	10	6	60.0
Micromesistius poutassou	5	2	40.0
Pomatomus saltatrix	2	1	50.0
Raja clavata	15	3	20.0
Euthynnus alletteratus	4	4	100.0
Merluccius merluccius	18	10	55.6
Puffinus yelkouan	1	1	100.0
Nemipterus randalli	2	1	50.0
Thunnus alalunga	3	2	66.7
Mustelus mustelus	10	2	20.0
Etmopterus spinax	11	1	9.1
Merlangius merlangus	1	1	100.0
Conger conger	10	5	50.0
Synodus saurus	4	3	75.0
Zeus faber	3	1	33.3
Sarda sarda	5	5	100.0
Puffinus mauretanicus	1	1	100.0
Scyliorhinus canicula	21	6	28.6

Table S7. Summary of the analysis of non-important predators of European sardine. Total number of studies in the available literature of each predator species were compared to the studies in which European anchovy was detected as part of the diet. Color code is for better visualization of high/low percentages.

Predator	Total nº studies	Studies sardine	%
Sphyraena sphyraena	4	3	75.0
Puffinus yelkouan	1	1	100.0
Scomber colias	2	1	50.0
Thunnus thynnus	12	6	50.0
Torpedo marmorata	6	3	50.0
Seriola dumerili	6	2	33.3
Sarda sarda	5	5	100.0
Caranx crysos	1	1	100.0
Alosa fallax	3	3	100.0
Puffinus mauretanicus	1	1	100.0
Merluccius merluccius	18	9	50.0
Trachurus trachurus	9	3	33.3
Engraulis encrasicolus	13	2	15.4
Scyliorhinus canicula	21	2	9.5
Euthynnus alletteratus	4	4	100.0
Zeus faber	3	2	66.7
Scomberomorus commerson	2	1	50.0
Lophius budegassa	9	2	22.2
Serranus cabrilla	7	1	14.3
Caranx rhonchus	4	2	50.0
Conger conger	10	1	10.0
Squalus acanthias	5	1	20.0
Xiphias gladius	10	7	70.0
Saurida lessepsianus	1	1	100.0
Trichurus lepturus	1	1	100.0
Synodus saurus	4	2	50.0
Ichthyaetus melanocephalus	2	1	50.0
Lithognathus mormyrus	6	2	33.3
Scomber scombrus	4	2	50.0
Delphinus delphis	9	7	77.8
Micromesistius poutassou	5	1	20.0

Table S8. Summary of the analysis of non-important predators of round sardinella. Total number of studies in the available literature of each predator species were compared to the studies in which European anchovy was detected as part of the diet. Color code is for better visualization of high/low percentages.

Predator	Total nº studies	Studies round sardinella	%
Sarda sarda	5	3	60.0
Trachinotus ovatus	2	1	50.0
Conger conger	10	1	10.0
Tetrapturus belone	3	2	66.7
Caranx crysos	1	1	100.0
Merluccius merluccius	18	2	11.1
Scomberomorus commerson	2	1	50.0
Phocoena phocoena	2	1	50.0
Caranx rhonchus	4	1	25.0
Seriola dumerili	6	1	16.7
Synodus saurus	4	2	50.0
Delphinus delpis	9	4	44.4
Saurida undosquamis	2	2	100.0
Tursiops truncatus	6	1	16.7
Xiphias gladius	10	4	40.0
Micromesistius poutassou	5	1	20.0
Trichurus lepturus	1	1	100.0
Muraena helena	2	1	50.0
Stenella coeruleoalba	9	1	11.1
Squalus megalops	1	1	100.0
Sparus aurata	3	1	33.3
Thunnus thynnus	12	3	25.0
Mustelus punctulatus	3	2	66.7
Euthynnus alletteratus	4	3	75.0
Rhinobatos rhinobatos	3	1	33.3
Raja asterias	9	2	22.2
Katsuwonus pelamis	1	1	100.0

Table S9. Summary of the analysis of non-important predators of European sprat. Total number of studies in the available literature of each predator species were compared to the studies in which European anchovy was detected as part of the diet. Color code is for better visualization of high/low percentages.

Predator	Total nº studies	Studies sprat	%
Pomatomus saltatrix	2	1	50.0
Ichthyaetus audouinii	2	1	50.0
Delphinus delphis	9	2	22.2
Illex coindetti	4	1	25.0
Hexanchus griseus	4	1	25.0
Phocoena phocoena	2	1	50.0
Euthynnus alletteratus	4	2	50.0
Mustelus punctulatus	3	1	33.3
Tursiops truncatus	6	1	16. 7
Diplodus cervinus	1	1	100.0
Mustelus mustelus	10	1	10.0
Thunnus thynnus	12	2	16. 7
Synodus saurus	4	1	25.0
Pteroplatytrygon violacea	2	1	50.0
Merluccius merluccius	18	1	5.6

Fig. S1. Number of times each year was sampled.

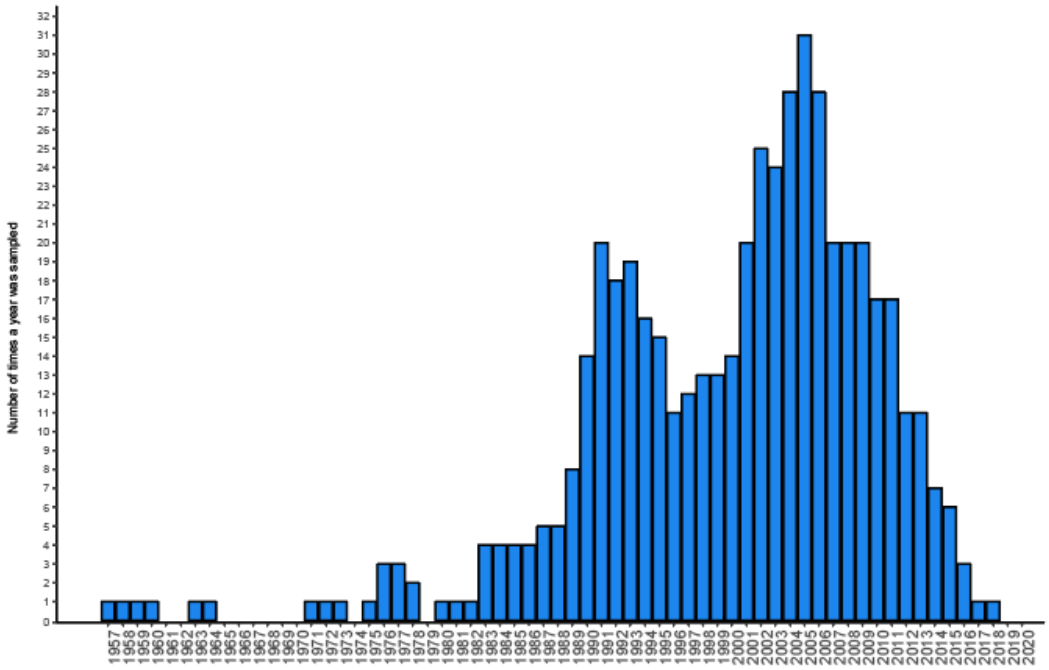


Fig. S2. Number of studies by predator group and year

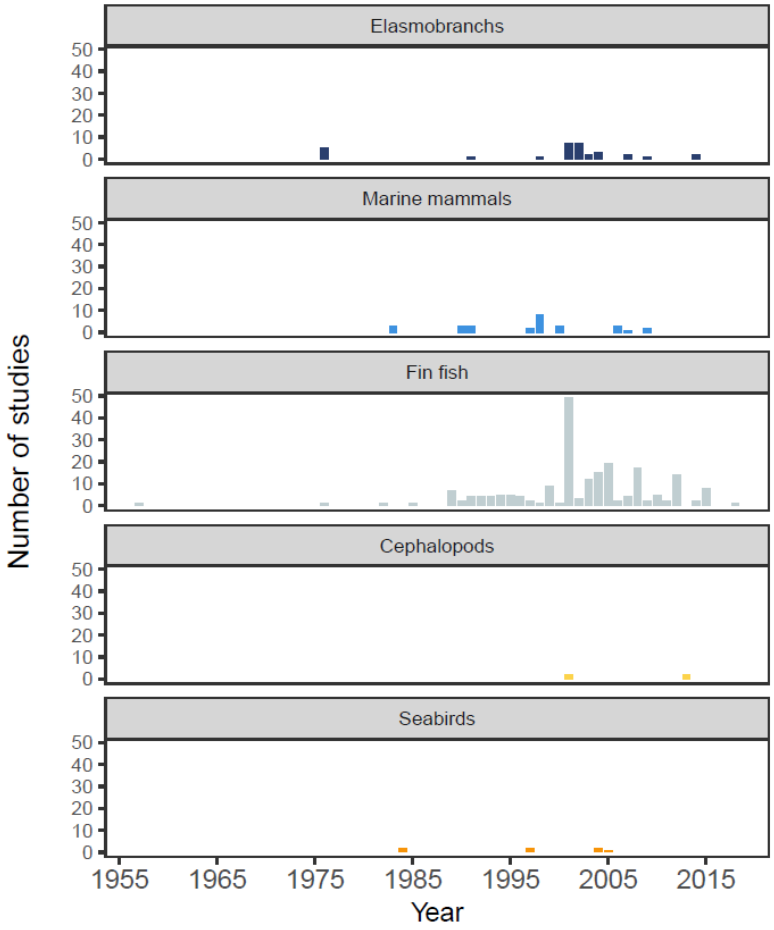
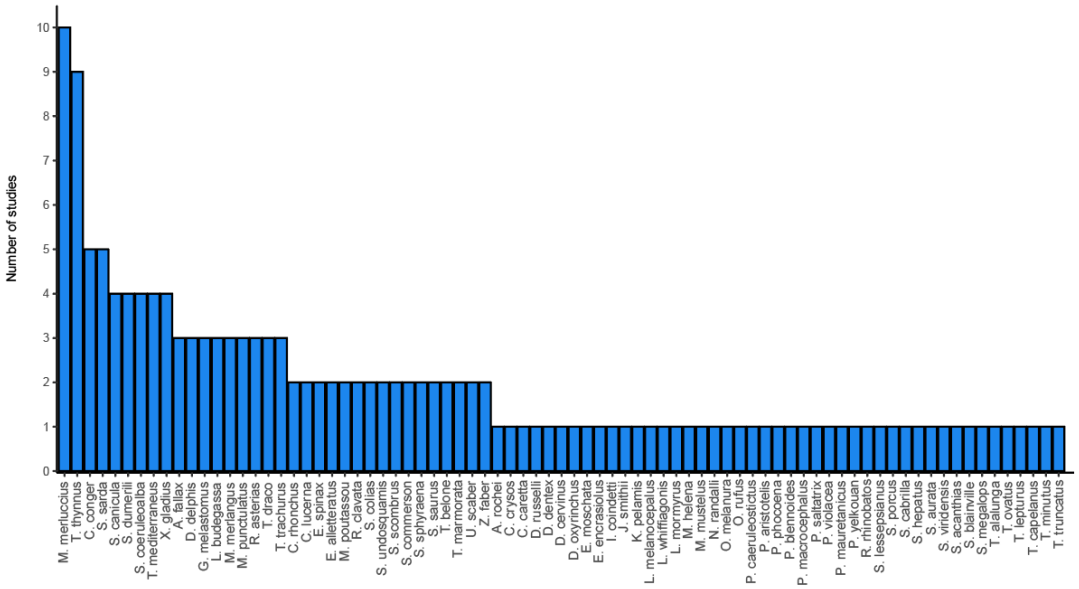


Fig. S3. Number of publications by predator.



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