

Supplementary Table 1. Diet composition for the 7 gadiform species studied, based on the volume index (%V) for each prey item identified to the lowest taxonomic level possible and prey category found in the stomach contents of specimens caught in the western Mediterranean Sea during 2011–2017.

Prey items and categories	<i>G. argenteus</i>	<i>G. biscayensis</i>	<i>M. merluccius</i>	<i>M. poutassou</i>	<i>M. macrophthalma</i>	<i>P. blennoides</i>	<i>T. minutus</i>
<b>Teleosts</b>	<b>17.34</b>	<b>17.61</b>	<b>84.49</b>	<b>52.62</b>	<b>99.08</b>	<b>9.04</b>	<b>7.36</b>
<b>Scyliorhinidae</b>						0.11	
<i>Scyliorhinus canicula</i>						0.11	
<b>Clupeiformes</b>			<b>38.76</b>	<b>0.92</b>			<b>0.54</b>
<i>Engraulis encrasicolus</i>			28.40				
<i>Sardina pilchardus</i>			10.19	0.92			0.54
<i>Sprattus sprattus</i>			0.18				
<b>Argentiniformes</b>			<b>0.09</b>		<b>0.62</b>		
<i>Argentina sphyraena</i>			0.09				
<i>Glossanodon leioglossus</i>					0.62		
<b>Myctophiformes</b>	<b>1.50</b>		<b>1.21</b>	<b>42.14</b>	<b>1.02</b>	<b>0.36</b>	<b>0.17</b>
<i>Benthoosema glaciale</i>				4.13			
<i>Ceratoscopelus maderensis</i>			0.11	18.20		0.36	
<i>Lampanyctus crocodilus</i>	1.36		1.07	16.55			
<i>Notoscopelus elongatus</i>			0.03	1.23	1.02		0.17
<i>Myctophum punctatum</i>				0.52			
Unidentified myctophids	0.14		0.00	1.51			
<b>Stomiiformes</b>	<b>9.29</b>		<b>0.20</b>	<b>4.79</b>		<b>0.27</b>	
<i>Maurolucus muelleri</i>	2.48		0.06	0.62		0.27	
<i>Stomias boa boa</i>			0.13	3.04			
<i>Vinciguerria</i> sp.	0.42						
<i>Cyclothone</i> sp.	6.39			1.11			
<i>Gonostoma denudatum</i>				0.03			
<b>Gadiformes</b>	<b>1.14</b>	<b>16.39</b>	<b>16.73</b>	<b>1.90</b>	<b>89.29</b>	<b>6.15</b>	<b>3.83</b>
<i>Gadiculus argenteus</i>	1.14		0.05		31.98		
<i>Merluccius merluccius</i>			3.77			1.11	0.51
<i>Micromesistius poutassou</i>			10.82	0.77	44.62		
<i>Gaidropsarus biscayensis</i>		16.39	0.38		1.47	4.54	3.32
<i>Phycis blennoides</i>			0.55	1.09	1.23	0.03	
<i>Trisopterus minutus</i>			1.16	0.04	9.99	0.47	

<b>Perciformes</b>			<b>21.10</b>	<b>0.77</b>		<b>1.43</b>	<b>1.95</b>
<i>Cepola macrophthalmia</i>			0.59				
<i>Boops boops</i>			14.45				
<i>Serranus cabrilla</i>			0.01				
<i>Mullus</i> sp.			0.09				
<i>Trachinus draco</i>			0.06				
<i>Deltentosteus quadrimaculatus</i>			0.01				
Gobiidae			0.21				0.44
<i>Lesueurigobius</i> sp.			0.10				0.49
<i>Callionymus</i> sp.			0.11				1.02
<b>Aulopiformes</b>			<b>5.46</b>	<b>0.77</b>		<b>1.43</b>	
<i>Lestidiops</i> sp.				0.77		1.43	
Paralepididae			1.03				
<i>Spicara smaris</i>			0.43				
<i>Spicara maena</i>			1.37				
<i>Trachurus</i> sp.			2.63				
<b>Scorpaeniformes</b>			<b>0.04</b>				
<i>Trigla lyra</i>			0.04				
<b>Pleuronectiformes</b>							<b>0.03</b>
<i>Arnoglossus</i> sp.							0.03
Teleost larvae	0.01	0.39		0.07			
Unidentified teleosts	5.40	0.83	6.35	2.03	8.15	0.72	0.84
<b>Mollusca</b>			<b>5.65</b>	<b>0.75</b>		<b>0.69</b>	<b>2.84</b>
<b>Cephalopoda</b>			<b>5.65</b>	<b>0.75</b>		<b>0.69</b>	<b>2.83</b>
<i>Abralia veranyi</i>				0.42			
<i>Illex coindetii</i>			3.43			0.32	
<i>Rondeletiola minor</i>			0.08				
<i>Sepia elegans</i>			1.32				
<i>Sepietta oweniana</i>			0.53				0.71
Unidentified sepiolids			0.29			0.03	1.92
Unidentified teuthids				0.28			
Unidentified cephalopods			0.01	0.05		0.34	0.20
<b>Pteropoda</b>							0.01

<b>Crustacea</b>	<b>82.46</b>	<b>82.04</b>	<b>9.86</b>	<b>46.62</b>	<b>0.92</b>	<b>90.14</b>	<b>89.71</b>
<b>Decapoda</b>	<b>10.26</b>	<b>62.82</b>	<b>5.24</b>	<b>17.41</b>	<b>0.47</b>	<b>81.13</b>	<b>83.56</b>
<i>Alpheus glaber</i>		9.86	0.41			34.08	44.10
<i>Athanas</i> sp.							0.03
<i>Chlorotocus crassicornis</i>			1.29			7.15	6.32
Crangonidae			0.00				
<i>Gennadas elegans</i>	0.55				0.24		
<i>Pasiphaea</i> sp.	0.07		0.29	11.15		0.69	
<i>Philocheras</i> sp.			0.04			0.05	0.20
<i>Plesionika acanthonotus</i>						0.07	
<i>Plesionika edwardsii</i>		2.62					
<i>Plesionika gigliolii</i>		1.38	0.14	0.15			
<i>Plesionika heterocarpus</i>			0.02				
<i>Aegaeon</i> sp.			0.21			0.20	
<i>Pontophilus</i> sp.			0.04				0.03
<i>Processa</i> sp.	2.66	1.81	0.36	0.14		4.17	4.29
<i>Eusergestes arcticus</i>		4.15		0.95	0.23		
<i>Deosergestes henseni</i>				0.06			
<i>Robustosergia robusta</i>				2.37			
<i>Solenocera membranacea</i>			1.04			9.93	1.02
<i>Calocaris macandreae</i>	0.16	28.28		0.01		6.09	0.04
<i>Galathea</i> sp.						0.04	0.03
<i>Goneplax rhomboides</i>		10.92				7.75	4.36
<i>Jaxea</i> sp.							0.08
<i>Liocarcinus</i> sp.			0.10			1.80	10.87
<i>Macropipus tuberculatus</i>						0.13	0.12
Portunidae			0.01				0.03
<i>Monodaeus couchii</i>		1.18				0.80	0.16
<i>Munida</i> sp.		0.87				1.17	0.59
<i>Nephrops norvegicus</i>				0.11			
Paguridae						0.02	
<i>Scyllarus</i> sp.			0.01			0.14	
<i>Upogebia</i> sp.			0.01			0.14	0.10
Unidentified carideans	6.41	0.96	0.95	2.31		5.46	5.84

Unidentified brachyurans		0.46	0.02			0.39	0.76
Unidentified decapods	0.41	0.33	0.31	0.16		0.87	4.59
<b>Stomatopoda</b>			<b>0.04</b>			<b>2.67</b>	<b>0.22</b>
<i>Rissoides pallidus</i>			0.04			2.67	0.22
<b>Peracarida</b>	<b>3.21</b>	<b>13.55</b>	<b>0.23</b>	<b>0.22</b>	<b>0.14</b>	<b>2.78</b>	<b>2.28</b>
<b>Amphipoda</b>	<b>1.11</b>	<b>3.25</b>	<b>0.11</b>	<b>0.10</b>	<b>0.04</b>	<b>0.76</b>	<b>0.80</b>
Caprellidae		0.03				0.02	
<i>Ampelisca</i> sp.			0.00			0.02	
<i>Epimeria</i> sp.						0.02	0.03
<i>Eusirus</i> sp.						0.02	
<i>Idunella</i> sp.						0.02	
<i>Lysianassa</i> sp.			0.00			0.02	0.12
Lysianassidae	0.25					0.02	
<i>Moerella</i> sp.							0.05
<i>Monoculodes</i> sp.		0.44					
<i>Rhachotropis</i> sp.						0.04	0.03
<i>Scopelocheirus</i> sp.							0.11
<i>Tryphosites</i> sp.							0.02
<i>Westwoodilla</i> sp.	0.27	0.44			0.04		
<i>Brachyscelus</i> sp.			0.05	0.04		0.04	
Hyperiidia	0.14		0.01	0.01			
<i>Phronima sedentaria</i>			0.02	0.01		0.40	0.38
<i>Vibilia</i> sp.	0.08		0.02	0.03			0.02
Unidentified amphipods	0.37	2.34	0.01	0.01		0.12	0.03
<b>Isopoda</b>	<b>1.07</b>	<b>0.44</b>	<b>0.00</b>	<b>0.10</b>	<b>0.03</b>	<b>1.04</b>	<b>0.32</b>
<b>Lophogastrida</b>		<b>6.83</b>	<b>0.06</b>	<b>0.01</b>		<b>0.45</b>	<b>0.93</b>
<i>Lophogaster typicus</i>		6.83	0.06	0.01		0.45	0.93
<b>Mysida</b>	<b>1.03</b>	<b>3.04</b>	<b>0.05</b>	<b>0.00</b>	<b>0.06</b>	<b>0.52</b>	<b>0.23</b>
<b>Tanaidacea</b>						0.02	
<b>Copepoda</b>	<b>9.48</b>	<b>1.56</b>	<b>0.00</b>			<b>0.02</b>	
<b>Ostracoda</b>						0.02	
<b>Euphausiacea</b>	<b>53.18</b>	<b>2.84</b>	<b>4.19</b>	<b>28.89</b>	<b>0.31</b>	<b>3.31</b>	<b>2.74</b>
<i>Euphausia krohnii</i>	17.69			0.05			
<i>Meganyctiphanes norvegica</i>	4.28		0.06	4.85		2.54	2.11
<i>Nematoscelis</i> sp.	1.14		0.01	0.35			

<i>Nyctiphanes couchii</i>			0.71	1.30			
Unidentified euphausiaceans	30.07	2.84	3.41	22.34	0.31	0.76	0.62
Unidentified crustaceans	6.34	1.27	0.16	0.09		0.21	0.92
<b>Annelida</b>	0.20	0.35		0.01		0.12	0.09
<b>Hydrozoa</b>				<b>0.01</b>		<b>0.02</b>	
Diphyidae				0.01		0.02	