

Table A1 the stomachs of sharks and skates for the NIOZ archive.

<i>Species</i>	Class	Order	Family	Species latin	WoRMS	Trophic position after FishBase
<i>Fish</i>	Pisces	Pisces	Pisces	Pisces	11676	3.6
<i>Jawless fish</i>	Pisces	Agnatha	Agnatha	Agnatha	1829	4.37
<i>Cartilaginous fish</i>	Pisces	Elasmobranchii	Elasmobranchii	Elasmobranchii	10193	4
<i>Ray-finned fishes</i>	Pisces	Actinopterygii	Actinopterygii	Actinopterygii	10194	3.6
<i>Flatfish</i>	Pisces	Pleuronectiformes	Pleuronectiformes	Pleuronectiformes	125579	3.67
<i>Caranx</i>	Pisces	Caranx	Caranx	Caranx	125936	3.6
<i>Clupeiformes</i>	Pisces	Clupeiformes	Clupeiformes	Clupeiformes	10297	3.14
<i>Cods and haddocks</i>	Pisces	Gadidae	Gadidae	Gadidae	125469	3.98
<i>Goby</i>	Pisces	Gobius	Gobius	Gobius	125988	3.39
<i>Loligo</i>	Pisces	Triglidae	Triglidae	Loligo	138139	3.5
<i>Sea robins</i>	Pisces	Triglidae	Triglidae	Triglidae	125598	3.67
<i>Lamprey</i>	Pisces	Petromyzontiformes	Petromyzontidae	Petromyzon marinus	101174	3.11
<i>Lampern</i>	Pisces	Petromyzontiformes	Petromyzontidae	Lampetra fluviatilis	101172	4.37
<i>Hagfish</i>	Pisces	Petromyzontiformes	Petromyzontidae	Myxine glutinosa	101170	4.37
<i>Porbeagle</i>	Pisces	Lamniformes	Lamnidae	Lamna nasus	105841	4.6
<i>Basking shark</i>	Pisces	Lamniformes	Cetorhinidae	Cetorhinus maximus	105837	3.2
<i>Common thresher</i>	Pisces	Lamniformes	Alopiidae	Alopias vulpinus	105836	4.5
<i>Smooth hound</i>	Pisces	Carcharhiniformes	Triakidae	Mustelus asterias	105822	3.8
<i>Tope shark</i>	Pisces	Carcharhiniformes	Triakidae	Galeorhinus galeus	105820	4.3
<i>Blue shark</i>	Pisces	Carcharhiniformes	Triakidae	Prionace glauca	105801	4.4
<i>Spurdog</i>	Pisces	Carcharhiniformes	Squalidae	Squalus acanthias	105923	4.4
<i>Velvet-belly</i>	Pisces	Carcharhiniformes	Triakidae	Etmopterus spinax	105913	4.1
<i>Dogfish</i>	Pisces	Carcharhiniformes	Scyliorhinidae	Scyliorhinus canicula	105814	3.8
<i>Black-mouthed dogfish</i>	Pisces	Carcharhiniformes	Scyliorhinidae	Galeus melastomus	105812	4.2
<i>Greenland shark</i>	Pisces	Carcharhiniformes	Scyliorhinidae	Somniosus microcephalus	105919	4.2
<i>Monkfish</i>	Pisces	Rajiformes	Rajidae	Squatina squatina	105928	4.1
<i>Marbled electric ray</i>	Pisces	Rajiformes	Rajidae	Torpedo marmorata	271684	4.5
<i>Roker</i>	Pisces	Rajiformes	Rajidae	Raja clavata	105883	3.8
<i>Starry ray</i>	Pisces	Rajiformes	Rajidae	Raja radiata	105865	4.2
<i>Round skate</i>	Pisces	Rajiformes	Rajidae	Raja fyllae	105894	3.4
<i>Skate</i>	Pisces	Rajiformes	Rajidae	Raja batis	105869	3.5
<i>Shagreen ray</i>	Pisces	Rajiformes	Rajidae	Raja fullonica	105874	3.5
<i>White skate</i>	Pisces	Rajiformes	Rajidae	Raja alba	105896	4.4
<i>Long-nosed skate</i>	Pisces	Rajiformes	Rajidae	Raja oxyrinchus	105872	3.5
<i>Common stingray</i>	Pisces	Rajiformes	Dasyatidae	Dasyatis pastinaca	105851	4.1
<i>Rabbit fish</i>	Pisces	Acipenseriformes	Acipenseridae	Chimaera monstrosa	105824	3.5
<i>Sturgeon</i>	Pisces	Acipenseriformes	Acipenseridae	Acipenser sturio	126279	3.5
<i>Herring</i>	Pisces	Clupeiformes	Clupeidae	Clupea harengus	126417	3.4
<i>Sprat</i>	Pisces	Clupeiformes	Clupeidae	Sprattus sprattus	126425	3.09
<i>Pilchard</i>	Pisces	Clupeiformes	Clupeidae	Sardina pilchardus	126421	3
<i>Anchovy</i>	Pisces	Clupeiformes	Engraulidae	Engraulis encrasicolus	126426	2.8
<i>Twaite shad</i>	Pisces	Clupeiformes	Clupeidae	Alosa fallax	126415	2.92
<i>Allis shad</i>	Pisces	Clupeiformes	Clupeidae	Alosa alosa	126413	3.62

<i>Hatched-fish</i>	Pisces	Perciformes	Ammodytidae	<i>Argyrolepecus olfersi</i>	274967	3.4
<i>Pearlsides</i>	Pisces	Perciformes	Ammodytidae	<i>Maurolicus muelleri</i>	127312	3
<i>Salmon</i>	Pisces	Salmoniformes	Salmonidae	<i>Salmo salar</i>	127186	4.5
<i>Sea trout</i>	Pisces	Salmoniformes	Salmonidae	<i>Salmo trutta</i>	223866	3.4
<i>Rainbow trout</i>	Pisces	Salmoniformes	Salmonidae	<i>Salmo gairdneri</i>	127185	3.34
<i>Argentine</i>	Pisces	Perciformes	Ammodytidae	<i>Argentina sphyraena</i>	126716	4.4
<i>Greater argentine</i>	Pisces	Perciformes	Ammodytidae	<i>Argentina silus</i>	126715	3.62
<i>Smelt</i>	Pisces	Salmoniformes	Osmeridae	<i>Osmerus eperlanus</i>	126736	3.31
<i>Capelin</i>	Pisces	Anquilliformes	Anquillidae	<i>Mallotus villosus</i>	126735	3.06
<i>Eel</i>	Pisces	Anquilliformes	Anquillidae	<i>Anguilla anguilla</i>	126281	3.6
<i>Conger</i>	Pisces	Anquilliformes	Congridae	<i>Conger conger</i>	126285	3.53
<i>Garfish</i>	Pisces	Cyprinodontiformes	Belonidae	<i>Belone belone</i>	126375	3.68
<i>Skipper</i>	Pisces	Cyprinodontiformes	Belonidae	<i>Scomberesox saurus</i>	236461	4.21
<i>Deep-snouted pipefish</i>	Pisces	Sygnathiformes	Syngnathidae	<i>Syngnathus typhle</i>	127393	4.3
<i>Nilsson's pipefish</i>	Pisces	Sygnathiformes	Syngnathidae	<i>Syngnathus rostellatus</i>	127389	3.7
<i>Greater pipefish</i>	Pisces	Sygnathiformes	Syngnathidae	<i>Syngnatus acus</i>	127387	3.7
<i>Snake pipefish</i>	Pisces	Sygnathiformes	Syngnathidae	<i>Entelurus aequoreus</i>	127379	3.4
<i>Straight-nosed pipefish</i>	Pisces	Sygnathiformes	Syngnathidae	<i>Nerophis ophidion</i>	127385	3.5
<i>Worm pipefish</i>	Pisces	Sygnathiformes	Syngnathidae	<i>Nerophis lumbriciformis</i>	127383	4
<i>Roughhead rat-tail</i>	Pisces	Sygnathiformes	Syngnathidae	<i>Coryphaenoides rupestris</i>	158960	3.5
<i>Cod</i>	Pisces	Gadiformes	Gadidae	<i>Gadus morhua</i>	126436	4.1
<i>Arctic cod</i>	Pisces	Gadiformes	Gadidae	<i>Boreogadus saida</i>	126433	4.42
<i>Haddock</i>	Pisces	Gadiformes	Gadidae	<i>Melanogrammus aeglefinus</i>	126437	4
<i>Bib</i>	Pisces	Gadiformes	Gadidae	<i>Trisopterus luscus</i>	126445	3.58
<i>Poor cod</i>	Pisces	Gadiformes	Gadidae	<i>Trisopterus minutus</i>	126446	3.73
<i>Whiting</i>	Pisces	Gadiformes	Gadidae	<i>Merlangius merlangus</i>	126438	3.83
<i>Blue whiting</i>	Pisces	Gadiformes	Gadidae	<i>Micromesistius poutassou</i>	126439	4.37
<i>Norway pout</i>	Pisces	Gadiformes	Gadidae	<i>Trisopterus esmarkii</i>	126444	4
<i>Pollack</i>	Pisces	Gadiformes	Gadidae	<i>Pollachius pollachius</i>	126440	3.24
<i>Saithe</i>	Pisces	Gadiformes	Gadidae	<i>Pollachius virens</i>	126441	4.15
<i>Silvery pout</i>	Pisces	Gadiformes	Gadidae	<i>Gadiculus argenteus</i>	126435	4.5
<i>Tadpole-fish</i>	Pisces	Gadiformes	Gadidae	<i>Raniceps raninus</i>	126442	3.8
<i>Forkbeard</i>	Pisces	Gadiformes	Gadidae	<i>Phycis blennoides</i>	126501	3.77
<i>Blue ling</i>	Pisces	Gadiformes	Gadidae	<i>Molva dypterygia</i>	126459	4.5
<i>Ling</i>	Pisces	Gadiformes	Gadidae	<i>Molva molva</i>	126461	4.4
<i>Spanish ling</i>	Pisces	Gadiformes	Gadidae	<i>Molva macrophthalma</i>	126460	4.5
<i>Hake</i>	Pisces	Gadiformes	Merlucciidae	<i>Merluccius merluccius</i>	126484	4.4
<i>Torsk</i>	Pisces	Gadiformes	Merlucciidae	<i>Brosme brosme</i>	126447	4.28
<i>Three-bearded rockling</i>	Pisces	Gadiformes	Gadidae	<i>Gaidropsarus vulgaris</i>	126458	3.5
<i>Four-bearded rockling</i>	Pisces	Gadiformes	Gadidae	<i>Rhinonemus cimbricus</i>	126450	3.5
<i>Five-bearded rockling</i>	Pisces	Gadiformes	Gadidae	<i>Ciliata mustela</i>	126448	3.53
<i>Beryx</i>	Pisces	Beryciformes	Berycidae	<i>Beryx decadactylus</i>	126394	3.93
<i>Deal-fish</i>	Pisces	Lampriformes	Trachipteridae	<i>Trachipterus arcticus</i>	126527	4.5
<i>Opah</i>	Pisces	Lampriformes	Lampridae	<i>Lampris guttatus</i>	126522	4.2
<i>Dory</i>	Pisces	Zeiformes	Zeidae	<i>Zeus faber</i>	127427	4.5
<i>Scad</i>	Pisces	Perciformes	Carangidae	<i>Trachurus trachurus</i>	126822	4.5
<i>Bass</i>	Pisces	Perciformes	Moronidae	<i>Dicentrarchus labrax</i>	126975	3.6
<i>Ray's bream</i>	Pisces	Perciformes	Bramidae	<i>Brama brama</i>	126783	3.8

<i>Meagre</i>	Pisces	Perciformes	Sparidae	<i>Argyrosomus regius</i>	127007	4.3
<i>Red mullet</i>	Pisces	Perciformes	Mullidae	<i>Mullus surmuletus</i>	126986	3.5
<i>Red sea-bream</i>	Pisces	Perciformes	Sparidae	<i>Pagellus bogaraveo</i>	127059	3.4
<i>Pandora</i>	Pisces	Perciformes	Sparidae	<i>Pagellus erythrinus</i>	127060	3.5
<i>Black sea-bream</i>	Pisces	Perciformes	Sparidae	<i>Spondylisoma cantharus</i>	127066	3.3
<i>Cuckoo wrasse</i>	Pisces	Perciformes	Labridae	<i>Labrus mixtus</i>	151501	3.29
<i>Ballan wrasse</i>	Pisces	Perciformes	Labridae	<i>Labrus bergylta</i>	126965	3.2
<i>Corkwing wrasse</i>	Pisces	Perciformes	Labridae	<i>Crenilabrus melops</i>	273571	3.39
<i>Goldsinny</i>	Pisces	Perciformes	Labridae	<i>Ctenolabrus rupestris</i>	126964	3.6
<i>Rock cook</i>	Pisces	Perciformes	Labridae	<i>Centrolabrus exoletus</i>	126961	3.5
<i>Rainbow wrasse</i>	Pisces	Perciformes	Labridae	<i>Coris julis</i>	126963	3.4
<i>Greater sandeel</i>	Pisces	Perciformes	Ammodytidae	<i>Hyperoplus lanceolatus</i>	126756	4
<i>Sandeel</i>	Pisces	Perciformes	Ammodytidae	<i>Ammodytes tobianus</i>	126752	4.15
<i>Smooth sandeel</i>	Pisces	Perciformes	Ammodytidae	<i>Gymnammodytes semisquamatus</i>	126754	3.16
<i>Greater weever</i>	Pisces	Perciformes	Trachinidae	<i>Trachinus draco</i>	127082	4.2
<i>Lesser weever</i>	Pisces	Perciformes	Trachinidae	<i>Echiichthys vipera</i>	150630	4.4
<i>Dragonet</i>	Pisces	Perciformes	Callionymidae	<i>Callionymus lyra</i>	126792	4.41
<i>Spotted Dragonet</i>	Pisces	Perciformes	Callionymidae	<i>Callionymus maculatus</i>	126793	3.27
<i>Sand-smelt</i>	Pisces	Atheriniformes	Aterinidae	<i>Atherina presbyter</i>	272030	3.7
<i>Thick-lipped grey mullet</i>	Pisces	Mugiliformes	Mugilidae	<i>Chelon labrosus</i>	126977	3.67
<i>Thin-lipped grey mullet</i>	Pisces	Mugiliformes	Mugilidae	<i>Liza ramada</i>	126980	2.42
<i>Golden grey mullet</i>	Pisces	Mugiliformes	Mugilidae	<i>Liza aurata</i>	126978	2.05
<i>Mackerel</i>	Pisces	Perciformes	Scombridae	<i>Scomber scombrus</i>	127023	3.01
<i>Spanish mackerel</i>	Pisces	Perciformes	Scombridae	<i>Scomber japonicus</i>	127022	3.28
<i>Blue-fin tunny</i>	Pisces	Perciformes	Scombridae	<i>Thunnus thynnus</i>	127029	4.5
<i>Little tunny</i>	Pisces	Perciformes	Scombridae	<i>Euthynnus alletteratus</i>	127017	4.5
<i>Long-fin tunny</i>	Pisces	Perciformes	Scombridae	<i>Thunnus alalunga</i>	127026	4.3
<i>Skipjack tuna</i>	Pisces	Perciformes	Scombridae	<i>Katsuwonus pelamis</i>	127018	4.4
<i>Bonito</i>	Pisces	Perciformes	Scombridae	<i>Sarda sarda</i>	127021	4.5
<i>Plain bonito</i>	Pisces	Perciformes	Scombridae	<i>Oreynopsis unicolor</i>	127019	4.5
<i>Frigate mackerel</i>	Pisces	Perciformes	Scombridae	<i>Auxis rochei</i>	236487	4.3
<i>Swordfish</i>	Pisces	Perciformes	Scombridae	<i>Xiphias gladius</i>	127094	4.5
<i>Yarrel's blenny</i>	Pisces	Perciformes	Scombridae	<i>Chirolophis ascanii</i>	127071	3.2
<i>Snake blenny</i>	Pisces	Perciformes	Scombridae	<i>Lumpenus lampretaeiformis</i>	154675	3.6
<i>Shanny</i>	Pisces	Perciformes	Scombridae	<i>Lipophrys pholis</i>	126768	3.1
<i>Butterfish</i>	Pisces	Perciformes	Pholidae	<i>Pholis gunnellus</i>	126996	3.5
<i>Catfish</i>	Pisces	Perciformes	Anarhichadidae	<i>Anarhichas lupus</i>	126758	3.52
<i>Jelly cat</i>	Pisces	Perciformes	Anarhichadidae	<i>Anarhichas denticulatus</i>	126757	4
<i>Spotted catfish</i>	Pisces	Perciformes	Anarhichadidae	<i>Anarhichas minor</i>	126759	3.6
<i>Viviparous blenny</i>	Pisces	Perciformes	Zoarcidae	<i>Zoarces viviparus</i>	127123	3.5
<i>Vahl's eelpout</i>	Pisces	Perciformes	Gobiidae	<i>Lycodes vahlui</i>	127118	3.5
<i>Black goby</i>	Pisces	Perciformes	Gobiidae	<i>Gobius niger</i>	126892	3.3
<i>Two-spotted goby</i>	Pisces	Perciformes	Gobiidae	<i>Gobiusculus flavescens</i>	126898	3.2
<i>Sand goby</i>	Pisces	Perciformes	Gobiidae	<i>Pomatoschistus minutus</i>	126928	3.2
<i>Painted goby</i>	Pisces	Perciformes	Gobiidae	<i>Pomatoschistus pictus</i>	126930	3.2
<i>Crystal goby</i>	Pisces	Perciformes	Gobiidae	<i>Crystallogobius linearis</i>	126878	3.12
<i>Transparent goby</i>	Pisces	Perciformes	Gobiidae	<i>Aphia minuta</i>	126868	3.4
<i>Red-fish</i>	Pisces	Scorpaeniformes	Sebastidae	<i>Sebastes marinus</i>	151324	3.1

Norway haddock	Pisces	Scorpaeniformes	Sebastidae	Sebastes viviparus	127255	4
Grey gurnard	Pisces	Scorpaeniformes	Triglidae	Eutrigla gurnardus	150637	3.9
Tub gurnard	Pisces	Scorpaeniformes	Triglidae	Trigla lucerna	127262	3.57
Red gurnard	Pisces	Scorpaeniformes	Triglidae	Aspitrigla cuculus	127259	3.92
Bull-rout	Pisces	Scorpaeniformes	Cottidae	Myoxocephalus scorpius	127203	3.9
Norway bullhead	Pisces	Scorpaeniformes	Cottidae	Taurulus lilljeborgi	127201	3.89
Sea scorpion	Pisces	Scorpaeniformes	Cottidae	Taurulus bubalis	127204	3.6
Four-horn sculpin	Pisces	Scorpaeniformes	Cottidae	Myoxocephalus quadricornis	254529	3.6
Hooknose	Pisces	Scorpaeniformes	Agonidae	Agonus cataphractus	127190	3.4
Lumpsucker	Pisces	Scorpaeniformes	Cyclopteridae	Cyclopterus lumpus	127214	3.43
Sea-snail	Pisces	Scorpaeniformes	Liparidae	Liparis liparis	293624	3.89
Montagu's sea snail	Pisces	Scorpaeniformes	Liparidae	Liparis motagui	127220	3.59
Stickleback	Pisces	Gasterosteiformes	Gasterosteidae	Gasterosteus aculeatus	236462	3.3
Nine-spined stickleback	Pisces	Gasterosteiformes	Gasterosteidae	Pungitius pungitius	126507	3.51
Fifteen-spined stickleback	Pisces	Gasterosteiformes	Gasterosteidae	Spinachia spinachia	126508	3.5
Turbot	Pisces	Pleuronectiformes	Scophthalmidae	Scophthalmus maximus	127149	4.4
Brill	Pisces	Pleuronectiformes	Scophthalmidae	Scophthalmus rhombus	127150	3.9
Scaldfish	Pisces	Pleuronectiformes	Botidae	Arnoglossus laterna	127126	3.79
Megrim	Pisces	Pleuronectiformes	Solidae	Lepidorhombus whiffiagonus	127146	3.59
Norwegian topknot	Pisces	Pleuronectiformes	Scophthalmidae	Phrynorhombus norvegicus	127147	4.21
Topknot	Pisces	Pleuronectiformes	Scophthalmidae	Zeugopterus punctatus	127151	3.98
Halibut	Pisces	Pleuronectiformes	Pleuronectidae	Hippoglossus hippoglossus	127138	4
Greenland halibut	Pisces	Pleuronectiformes	Pleuronectidae	Reinhardtius hippoglossoides	127144	4.6
Long rough dab	Pisces	Pleuronectiformes	Pleuronectidae	Hippoglossoides platessoides	127137	4.1
Dab	Pisces	Pleuronectiformes	Pleuronectidae	Limanda limanda	127139	3.4
Plaice	Pisces	Pleuronectiformes	Pleuronectidae	Pleuronectes platessa	127143	3.29
Flounder	Pisces	Pleuronectiformes	Pleuronectidae	Platichthys flesus	127141	3.26
Lemon sole	Pisces	Pleuronectiformes	Pleuronectidae	Microstomus kitt	127140	3.5
Witch	Pisces	Pleuronectiformes	Solidae	Glyptocephalus cynoglossus	127136	3.25
Sole	Pisces	Pleuronectiformes	Solidae	Solea solea	127160	3.2
Solenette	Pisces	Pleuronectiformes	Solidae	Buglossidium luteum	127153	3.25
Sun-fish	Pisces	Tetraodontiformes	Molidae	Mola mola	127405	3.39
Angler	Pisces	Lophiiformes	Lophiidae	Lophius piscatorius	126555	4.5
Common goby	Pisces	Scorpaeniformes	Gobiidae	Pomatoschistus microps	126927	4.45
Lozano's goby	Pisces	Scorpaeniformes	Gobiidae	Pomatoschistus lozanoi	126925	3.3
Northern rockling	Pisces	Scorpaeniformes	Gobiidae	Ciliata septentrionalis	126449	3.1
Reticulated dragonet	Pisces	Perciformes	Callionymidae	Callionymus reticulatus	126795	3.3
Streaked gurnard	Pisces	Scorpaeniformes	Triglidae	Trigloporus lastoviza	154462	3.3
Ruffe	Pisces	Scorpaeniformes	Triglidae	Gymnocephalus cernuus	151302	3.3
Perch	Pisces	Perciformes	Moronidae	Perca fluviatilis	151353	4.4
Eagle ray	Pisces	Rajiformes	Rajidae	Myliobatis aquila	105860	3.6
Electric ray	Pisces	Rajiformes	Rajidae	Torpedo nobiliana	157868	4.5
Bream	Pisces	Perciformes	Sparidae	Abramis brama	154281	3.1
Gilt-head sea bream	Pisces	Perciformes	Sparidae	Sparus aurata	151523	3.7
Pike-perch	Pisces	Perciformes	Sparidae	Sander lucioperca	151308	4
Round goby	Pisces	Scorpaeniformes	Gobiidae	Neogobius melanostomus	126916	3.3
Atlantic croacker	Pisces	Scorpaeniformes	Triglidae	Micropogonias undulatus	151158	4
Houting	Pisces	Salmoniformes	Salmonidae	Coregonus oxyrinchus	154238	3.3

<i>Vendace</i>	Pisces	Salmoniformes	Salmonidae	<i>Coregonus albula</i>	127178	3.1
<i>Tompot blenny</i>	Pisces	Perciformes	Blenniidae	<i>Parablennius gattorugine</i>	120770	3.6
<i>Sand eals</i>	Pisces	Perciformes	Ammodytidae	<i>Ammodytes</i>	125909	3
<i>Crustaceans</i>	Malacostraca	Decapoda	Crustacea	<i>Crustacea</i>	1066	2.5
<i>Crabs</i>	Malacostraca	Decapoda	Brachyura	<i>Brachyura</i>	106673	2.5
<i>True lobsters</i>	Malacostraca	Decapoda	Nephropidae	<i>Nephropidae</i>	155750	3.2
<i>Porcelain crabs</i>	Malacostraca	Decapoda	Anomura	<i>Anomura</i>	106671	2.5
<i>Shrimps</i>	Malacostraca	Decapoda	Crangonidae	<i>Caridea</i>	106674	2.6
<i>Opossum shrimps</i>	Malacostraca	Decapoda	Crangonidae	<i>Mysida</i>	119822	2.2
<i>Amphipoda</i>	Malacostraca	Decapoda	Amphipoda	<i>Amphipoda</i>	1135	2.3
<i>Bathyporeia</i>	Malacostraca	Decapoda	Thoracica	<i>Bathyporeia</i>	101742	2.3
<i>Barnacles</i>	Malacostraca	Balanomorpha	Thoracica	<i>Thoracica</i>	1107	2.3
<i>Copepods</i>	Malacostraca	Copepoda	Thoracica	<i>Copepoda</i>	1080	2
<i>Krill</i>	Malacostraca	Euphausiacea	Copopoda	<i>Euphausiacea</i>	1128	2
<i>Isopoda</i>	Malacostraca	Isopoda	Isopoda	<i>Isopoda</i>	1131	2.5
<i>Squat lobster</i>	Malacostraca	Decapoda	Galatheididae	<i>Galatheididae</i>	106733	2.5
<i>Swimming crabs</i>	Malacostraca	Decapoda	Brachyura	<i>Portunidae</i>	106763	2.5
<i>Mud shrimps</i>	Malacostraca	Decapoda	Crangonidae	<i>Callianassa</i>	107072	2.6
<i>Helmet crabs</i>	Malacostraca	Decapoda	Brachyura	<i>Corystes</i>	106877	2.5
<i>Porcelain crabs</i>	Malacostraca	Decapoda	Brachyura	<i>Porcellana</i>	106838	2.5
<i>Pagurus</i>	Malacostraca	Decapoda	Anomura	<i>Pagurus</i>	106854	3.2
<i>Liocarcinus</i>	Malacostraca	Decapoda	Brachyura	<i>Liocarcinus</i>	106925	2.5
<i>Crangon</i>	Malacostraca	Decapoda	Crangonidae	<i>Crangon</i>	107007	2.6
<i>Pandalus</i>	Malacostraca	Decapoda	Crangonidae	<i>Pandalus</i>	107044	2.6
<i>Schistomysis</i>	Malacostraca	Decapoda	Crangonidae	<i>Schistomysis</i>	119905	2.6
<i>Calocaris</i>	Malacostraca	Decapoda	Crangonidae	<i>Calocaris</i>	107071	3.2
<i>Processa</i>	Malacostraca	Decapoda	Crangonidae	<i>Processa</i>	107054	2.6
<i>Hermit crabs</i>	Malacostraca	Decapoda	Anomura	<i>Paguroidea</i>	106687	3.2
<i>Decapods</i>	Malacostraca	Decapoda	Decapoda	<i>Decapoda</i>	1130	2.5
<i>Macropipus</i>	Malacostraca	Decapoda	Brachyura	<i>Macropipus</i>	106926	2.5
<i>Mysis</i>	Malacostraca	Decapoda	Crangonidae	<i>Mysis</i>	119886	2.2
<i>Helmet crab</i>	Malacostraca	Decapoda	Brachyura	<i>Corystes cassivelaunus</i>	107277	2.5
<i>Shore crab</i>	Malacostraca	Decapoda	Carcinidae	<i>Carcinus maenas</i>	107381	2.5
<i>Swimming crab</i>	Malacostraca	Decapoda	Polybiidae	<i>Macropipus holsatus</i>	107388	2.5
<i>Flying crab</i>	Malacostraca	Decapoda	Polybiidae	<i>Liocarcinus holsatus</i>	107388	2.5
<i>Flying crab</i>	Malacostraca	Decapoda	Polybiidae	<i>Portunus holsatus</i>	107388	2.5
<i>Edible crab</i>	Malacostraca	Decapoda	Carcinidae	<i>Cancer pagurus</i>	107276	2.5
<i>Chinese mitten crab</i>	Malacostraca	Decapoda	Carcinidae	<i>Eriocheir sinensis</i>	107451	2.5
<i>East Asian shore crab</i>	Malacostraca	Decapoda	Brachyura	<i>Hemigrapsus sanguineus</i>	158417	2.5
<i>Brushcrab</i>	Malacostraca	Decapoda	Brachyura	<i>Hemigrapsus penicillatus</i>	107454	2.5
<i>Pennant's swimming crab</i>	Malacostraca	Decapoda	Brachyura	<i>Portumnus latipes</i>	107400	2.5
<i>long-legged spider crab</i>	Malacostraca	Decapoda	Brachyura	<i>Macropodia rostrata</i>	107345	2.5
<i>European lobster</i>	Malacostraca	Decapoda	Nephropidae	<i>Homarus gammarus</i>	107253	3.2
<i>Hooded shrimp</i>	Malacostraca	Decapoda	Cumacea	<i>Cumacea</i>	1137	2.6
<i>Upogebia deltaura</i>	Malacostraca	Decapoda	Nephropidae	<i>Upogebia deltaura</i>	107739	3.2
<i>Common shrimp</i>	Malacostraca	Decapoda	Crangonidae	<i>Crangon vulgaris</i>	107552	2.6
<i>Brown shrimp</i>	Malacostraca	Decapoda	Crangonidae	<i>Crangon crangon</i>	107552	2.6
<i>Crangon allmanni</i>	Malacostraca	Decapoda	Crangonidae	<i>Crangon allmanni</i>	107551	2.6

<i>Common hermit crab</i>	Malacostraca	Decapoda	Anomura	Pagurus bernhardus	107232	3.2
<i>Grass prawn</i>	Malacostraca	Decapoda	Palaemonidae	Palaemon elegans	107614	2.6
<i>Common prawn</i>	Malacostraca	Decapoda	Palaemonidae	Palaemon serratus	107616	2.6
<i>Aesop prawn</i>	Malacostraca	Decapoda	Crangonidae	Palaemon serratus	107651	2.6
<i>Skeleton shrimp</i>	Malacostraca	Amphipoda	Crangonidae	Caprella linearis	101839	2.6
<i>Sand Hopper</i>	Malacostraca	Amphipoda	Isopoda	Talitrus saltator	101537	2.3
<i>Ampelisca brevicornis</i>	Malacostraca	Decapoda	Crangonidae	Ampelisca brevicornis	101891	2.3
<i>Chameleon shrimp</i>	Malacostraca	Decapoda	Crangonidae	Praunus flexuosus	120177	2.2
<i>Schistomysis kervillei</i>	Malacostraca	Decapoda	Crangonidae	Schistomysis kervillei	120203	2.2
<i>Gastrosaccus spinifer</i>	Malacostraca	Decapoda	Crangonidae	Gastrosaccus spinifer	120020	2.2
<i>Lophogaster typicus</i>	Malacostraca	Decapoda	Crangonidae	Lophogaster typicus	119936	2.6
<i>Processa parva</i>	Malacostraca	Decapoda	Crangonidae	Processa parva	107690	2.6
<i>Processa canaliculata</i>	Malacostraca	Decapoda	Crangonidae	Processa canaliculata	107682	2.6
<i>eras bispinosus bispinosus</i>	Malacostraca	Decapoda	Crangonidae	Pontophilus bispinosus	108207	2.6
<i>eras bispinosus bispinosus</i>	Malacostraca	Decapoda	Crangonidae	Philocheras bispinosus bispinosus	108207	2.6
<i>Philocheras trispinosus</i>	Malacostraca	Decapoda	Crangonidae	Pontophilus trispinosus	107562	2.6
<i>Philocheras trispinosus</i>	Malacostraca	Decapoda	Crangonidae	Philocheras trispinosus	107562	2.6
<i>Mud shrimp</i>	Malacostraca	Decapoda	Corophiidae	Corophium volutator	102101	2.6
<i>Great spider crab</i>	Malacostraca	Decapoda	Brachyura	Hyas araneus	107322	2.5
<i>True scampi</i>	Malacostraca	Decapoda	Nephropidae	Nephrops norvegicus	107254	3.2
<i>Idotea granulosa</i>	Malacostraca	Isopoda	Isopoda	Idotea granulosa	119044	2.3
<i>Idotea balthica</i>	Malacostraca	Isopoda	Isopoda	Idotea balthica	119039	2.3
<i>Pontophilus</i>	Malacostraca	Decapoda	Corophiidae	Pontophilus	107011	2.6
<i>Thumbnail crab</i>	Malacostraca	Decapoda	Brachyura	Thia scutellata	107281	2.5
<i>Carcinus</i>	Malacostraca	Decapoda	Brachyura	Carcinus	106922	2.5
<i>Mollusca</i>	Mollusca	Mollusca	Mollusca	Mollusca	51	2.6
<i>Cephalopods</i>	Coleoidea	Mollusca	Cephalopoda	Cephalopoda	11707	3.5
<i>Gastropods</i>	Gastropoda	Mollusca	Gastropoda	Gastropoda	101	2.4
<i>Bivalves</i>	Bivalvia	Mollusca	Bivalvia	Bivalvia	105	2.1
<i>Squid</i>	Coleoidea	Teuthida	Teuthida	Teuthida	11716	3.5
<i>Sepiida</i>	Coleoidea	Sepiida	Sepiida	Sepiida	11713	3.5
<i>Bobtail squid</i>	Coleoidea	Sepiolidae	Sepiolidae	Sepiolidae	11725	3.5
<i>True mussels</i>	Autobranchia	Mytilidae	Mytilidae	Mytilidae	211	2.1
<i>Littorinimorpha</i>	Gastropoda	Littorinimorpha	Littorinimorpha	Littorinimorpha	382213	2.4
<i>Solenidae</i>	Autobranchia	Solenidae	Solenidae	Solenidae	233	2.1
<i>Thecostraca</i>	Malacostraca	Balanomorpha	Thoracica	Thecostraca	22388	2.1
<i>Neritimorpha</i>	Neritimorpha	Neritimorpha	Neritimorpha	Neritimorpha	156484	2.4
<i>Caenogastropoda</i>	Caenogastropoda	Caenogastropoda	Caenogastropoda	Caenogastropoda	224570	2.4
<i>Nudipleura</i>	Heterobranchia	Nudipleura	Nudipleura	Nudipleura	411966	2.4
<i>Nudibranchs</i>	Heterobranchia	Nudibranchia	Nudibranchia	Nudibranchia	1762	2.4
<i>Razor clams</i>	Autobranchia	Adapedonta	Pharidae	Ensis	138333	2.1
<i>European common squid</i>	Coleoidea	Cephalopoda	Loliginidae	Alloteuthis subulata	153131	3.5
<i>European squid</i>	Coleoidea	Cephalopoda	Loliginidae	Loligo vulgaris	140271	3.5
<i>Veined squid</i>	Coleoidea	Cephalopoda	Loliginidae	Loligo forbesii	140270	3.5
<i>Common cuttlefish</i>	Coleoidea	Cephalopoda	Loliginidae	Sepia officinalis	141444	3.5
<i>Little cuttle</i>	Coleoidea	Cephalopoda	Loliginidae	Sepiola atlantica	141454	3.5
<i>Blue mussel</i>	Autobranchia	Mytilida	Mytilidae	Mytilus edulis	140480	2.1
<i>Laver spire shell</i>	Caenogastropoda	Littorinimorpha	Hydrobiidae	Peringia ulvae	151628	2.4

<i>Atlantic jackknife clam</i>	Autobranchia	Adapedonta	Pharidae	Ensis leei	876640	2.1
<i>Barnacle</i>	Malacostraca	Balanomorpha	Thoracica	Semibalanus balanoides	106210	2.1
<i>Fabulina fabula</i>	Autobranchia	Cardiida	Tellinidae	Fabulina fabula	146907	2.1
<i>Cerastoderma edule</i>	Autobranchia	Cardiida	Cardiidae	Cerastoderma edule	138998	2.1
<i>Spisula elliptica</i>	Autobranchia	Cardiida	Tellinidae	Spisula elliptica	140300	2.1
<i>Limecola balthica</i>	Autobranchia	Cardiida	Tellinidae	Limecola balthica	880017	2.1
<i>Macomangulus tenuis</i>	Autobranchia	Cardiida	Tellinidae	Macomangulus tenuis	878470	2.1
<i>Cnidaria</i>	Cnidaria	Cnidaria	Cnidaria	Cnidaria	1267	3
<i>Ctenophora</i>	Cydippida	Ctenophora	Ctenophora	Ctenophora	1248	3
<i>Spunges</i>	Heteroscleromorpha	Porifera	Porifera	Porifera	558	2
<i>Comb jellies</i>	Cydippida	Cydippida	Cydippida	Cydippida	1251	3
<i>Lobata</i>	Cydippida	Lobata	Lobata	Lobata	1258	3
<i>Semaeostomeae</i>	Discomedusae	Semaeostomeae	Semaeostomeae	Semaeostomeae	135225	3
<i>Rhizostomeae</i>	Discomedusae	Rhizostomeae	Rhizostomeae	Rhizostomeae	135224	3
<i>Leptothecata</i>	Discomedusae	Leptothecata	Leptothecata	Leptothecata	13552	3
<i>Anthoathecata</i>	Hydroidolina	Anthoathecata	Anthoathecata	Anthoathecata	13551	3
<i>Sea-gooseberry</i>	Cydippida	Cydippida	Pleurobrachiidae	Pleurobrachia pileus	106386	3
<i>Comb-jelly Mnemiopsis</i>	Cydippida	Cydippida	Pleurobrachiidae	Mnemiopsis leidyi	106401	3
<i>Lion's mane jellyfish</i>	Discomedusae	Semaeostomeae	Cyaneidae	Cyanea capillata	135301	3
<i>Blue jellyfish</i>	Discomedusae	Semaeostomeae	Cyaneidae	Cyanea lamarckii	135302	3
<i>Compass jellyfish</i>	Discomedusae	Semaeostomeae	Chrysaora hysoscella	Chrysaora hysoscella	135304	3
<i>Common jellyfish</i>	Discomedusae	Semaeostomeae	Ulmaridae	Aurelia aurita	135306	3
<i>Giant jellyfish</i>	Discomedusae	Rhizostomeae	Rhizostomatidae	Rhizostoma pulmo	135299	3
<i>Crystal jelly</i>	Discomedusae	Leptothecata	Aequoreidae	Aequorea victoria	117273	3
<i>Tubularia</i>	Hydroidolina	Anthoathecata	Tubularia	Tubularia	117258	2.3
<i>Annelida</i>	Polychaeta	Annelida	Annelida	Annelida	882	2.1
<i>Bristle worms</i>	Polychaeta	Polychaeta	Polychaeta	Polychaeta	883	2.1
<i>Errantia</i>	Polychaeta	Errantia	Errantia	Errantia	754174	2.1
<i>Phyllodocida</i>	Polychaeta	Phyllodocida	Phyllodocida	Phyllodocida	892	2.1
<i>Spionida</i>	Polychaeta	Spionida	Spionida	Spionida	889	2.1
<i>Arenicolidae</i>	Polychaeta	Arenicolidae	Arenicolidae	Arenicolidae	922	2.1
<i>Terebellida</i>	Polychaeta	Terebellida	Terebellida	Terebellida	900	2.1
<i>Phyllodocida</i>	Polychaeta	Phyllodocida	Phyllodocida	Phyllodocida	892	2.1
<i>Nereis</i>	Polychaeta	Phyllodocida	Nereididae	Nereis	129379	2.1
<i>Sea mouse</i>	Polychaeta	Phyllodocida	Aphrodita	Aphrodita	129194	2.1
<i>Nephtys</i>	Polychaeta	Phyllodocida	Nephtys	Nephtys	129370	2.1
<i>Nereididae</i>	Polychaeta	Phyllodocida	Nereididae	Nereididae	22496	2.1
<i>Trematoda</i>	Neodermata	Trematoda	Trematoda	Trematoda	19948	2.1
<i>Sandworm</i>	Polychaeta	Phyllodocida	Nereididae	Alitta virens	234851	2.1
<i>Catworm</i>	Polychaeta	Phyllodocida	Phyllodocidae	Nephtys hombergii	340529	2.1
<i>Marenzelleria viridis</i>	Polychaeta	Phyllodocida	Phyllodocidae	Marenzelleria viridis	131135	2.1
<i>Lugworm</i>	Polychaeta	Phyllodocida	Phyllodocidae	Arenicola marina	129868	2.1
<i>Sand mason worm</i>	Polychaeta	Phyllodocida	Phyllodocidae	Lanice conchilega	131495	2.1
<i>Phyllodoce maculata</i>	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce maculata	129455	2.1
<i>Scoloplos armiger</i>	Polychaeta	Phyllodocida	Phyllodocidae	Scoloplos armiger	130537	2.1
<i>Heteromastus filiformis</i>	Polychaeta	Phyllodocida	Phyllodocidae	Heteromastus filiformis	129884	2.1
<i>Ophelia limacina</i>	Polychaeta	Phyllodocida	Opheliidae	Ophelia limacina	130494	2.1
<i>Aphrodita aculeata</i>	Polychaeta	Phyllodocida	Aphroditidae	Aphrodita aculeata	129840	2.1

<i>Echinoderms</i>	Asteroidea	Echinodermata	Echinodermata	Echinodermata	1806	2.4
<i>Sea stars</i>	Asteroidea	Forcipulatida	Asteriidae	Asteriidae	123121	2
<i>Astropectinidae</i>	Asteroidea	Paxillosida	Astropectinidae	Astropectinidae	123127	2
<i>Ophiuridae</i>	Ophiuroidea	Ophiurida	Ophiuridae	Ophiuridae	123200	2
<i>Serpent stars</i>	Ophiuroidea	Ophiurida	Ophiuroidea	Ophiuroidea	123200	2
<i>Sea urchins</i>	Asteroidea	Spatangoida	Loveniidae	Echinocardium	123426	2
<i>Common sea star</i>	Asteroidea	Forcipulatida	Asteriidae	Asterias rubens	123776	2
<i>Serpent star</i>	Ophiuroidea	Ophiurida	Ophiuroidea	Ophiura ophiura	124929	2
<i>Serpent's table brittlestar</i>	Ophiuroidea	Ophiurida	Ophiuroidea	Ophiura albida	124913	2
<i>Sea-potato</i>	Ophiuroidea	Spatangoida	Loveniidae	Echinocardium cordatum	124392	2
<i>Sea mats</i>	Bryozoa	Bryozoa	Bryozoa	Bryozoa	146142	2.3
<i>Algae</i>	Chlorophyta	Algae	Algae	Algae	0	1
<i>Nematodes</i>	Nematoda	Nematoda	Nematoda	Nematoda	799	2.1
<i>Fish eggs</i>	NA	NA	NA	NA	0	1
<i>Crab eggs</i>	NA	NA	NA	NA	0	1
<i>Sea lettuce</i>	Chlorophyta	Ulvaes	Ulvaceae	Ulva lactuca	145984	1
<i>Chaetomorpha melagonium</i>	Chlorophyta	Cladophorales	Cladophoraceae	Chaetomorpha melagonium	145029	1
<i>Callionymus</i>	Pisces	Perciformes	Callionymidae	Callionymus	125930	3.3
<i>Gastrosaccus</i>	Malacostraca	Decapoda	Crangonidae	Gastrosaccus	119859	2.2
<i>Sand ghost shrimp</i>	Malacostraca	Decapoda	Crangonidae	Pestarella tyrrhena	238027	2.6
<i>Alloteuthis</i>	Coleoidea	Cephalopoda	Loliginidae	Alloteuthis	138138	3.5
<i>Ribbon worms</i>	Nemertea	Nemertea	Nemertea	Nemertea	152391	2.1
<i>Sepiola</i>	Coleoidea	Cephalopoda	Loliginidae	Sepiola	138483	3.5
<i>Common whelk</i>	Caenogastropoda	Neogastropoda	Buccinidae	Buccinum undatum	138878	2.4
<i>Clupea</i>	Pisces	Clupeiformes	Clupeidae	Clupea	125716	3.26
<i>Hyas</i>	Malacostraca	Decapoda	Brachyura	Hyas	106903	2.5
<i>Blunt gaper</i>	Autobranchia	Myida	Myidae	Mya truncata	140431	2.1
<i>Sand lances</i>	Pisces	Perciformes	Ammodytidae	Ammodytidae	125516	3.38
<i>Righteye flounders</i>	Pisces	Perciformes	Pleuronectidae	Pleuronectidae	125579	3.6
<i>Gobies</i>	Pisces	Perciformes	Gobiidae	Gobiidae	125537	3.23
<i>Perciformes</i>	Pisces	Perciformes	Sparidae	Perciformes	11014	3.6
<i>Sepia</i>	Coleoidea	Cephalopoda	Loliginidae	Sepia	138477	3.5
<i>Clupeidae</i>	Pisces	Clupeiformes	Clupeidae	Clupeidae	125464	3.3