

Intrinsic vulnerability in the global fish catch

William W. L. Cheung^{1,*}, Reg Watson¹, Telmo Morato^{1,2}, Tony J. Pitcher¹, Daniel Pauly¹

¹Fisheries Centre, The University of British Columbia, Aquatic Ecosystems Research Laboratory (AERL), 2202 Main Mall, Vancouver, British Columbia V6T 1Z4, Canada

²Departamento de Oceanografia e Pescas, Universidade dos Açores, 9901-862 Horta, Portugal

*Email: w.cheung@fisheries.ubc.ca

Marine Ecology Progress Series 333:1–12 (2007)

Appendix 1. Intrinsic vulnerability index of fish taxa represented in the global catch, based on the *Sea Around Us* database (www.seaaroundus.org)

Taxonomic level	Taxon	Common name	Intrinsic vulnerability
Family	Pristidae	Sawfishes	88
	Squatinae	Angel sharks	80
	Anarhichadidae	Wolffishes	78
	Carcharhinidae	Requiem sharks	77
	Sphyrnidae	Hammerhead, bonnethead, scoophead shark	77
	Macrouridae	Grenadiers or rattails	75
	Rajidae	Skates	72
	Alepocephalidae	Slickheads	71
	Lophiidae	Goosefishes	70
	Torpedinidae	Electric rays	68
	Belonidae	Needlefishes	67
	Emmelichthyidae	Rovers	66
	Nototheniidae	Cod icefishes	65
	Ophidiidae	Cusk-eels	65
	Trachichthyidae	Slimeheads	64
	Channichthyidae	Crocodile icefishes	63
	Myliobatidae	Eagle and manta rays	63
	Squalidae	Dogfish sharks	62
	Congridae	Conger and garden eels	60
	Serranidae	Sea basses: groupers and fairy basslets	60
	Exocoetidae	Flyingfishes	59
	Malacanthidae	Tilefishes	58
	Scorpaenidae	Scorpionfishes or rockfishes	58
	Polynemidae	Threadfins	56
	Triakidae	Houndsharks	56
	Istiophoridae	Billfishes	55
	Petromyzontidae	Lampreys	55
	Rhinobatidae	Guitarfishes	54
	Bramidae	Pomfrets	53
	Lethrinidae	Emperors or scavengers	53
	Muraenidae	Moray eels	53
	Scombridae	Mackerels, tunas, bonitos	52
	Scyliorhinidae	Cat sharks	52
	Clupeidae	Herrings, shads, sardines, menhadens	51
Lutjanidae	Snappers	51	
Labridae	Wrasses	50	

Latridae	Trumpeters	50
Pomacanthidae	Angelfishes	50
Stromateidae	Butterfishes	50
Moridae	Morid cods	49
Mugilidae	Mulletts	49
Oreosomatidae	Oreos	49
Scophthalmidae	Scophthalmidae	49
Pleuronectidae	Righteye flounders	48
Scaridae	Parrotfishes	48
Batrachoididae	Toadfishes	47
Sciaenidae	Drums or croakers	47
Zeidae	Dories	47
Carangidae	Jacks and pompanos	46
Cottidae	Sculpins	46
Platycephalidae	Flatheads	46
Soleidae	Soles	46
Ammodytidae	Sand lances	45
Centrolophidae	Medusafishes	45
Echeneidae	Remoras	45
Scomberesocidae	Sauries	45
Sparidae	Porgies	45
Engraulidae	Anchovies	44
Haemulidae	Grunts	43
Mullidae	Goatfishes	43
Chlorophthalmidae	Greeneyes	42
Ephippidae	Spadefishes, batfishes and scats	42
Trichiuridae	Cutlassfishes	42
Ariidae	Sea catfishes	40
Cynoglossidae	Tonguefishes	40
Dasyatidae	Stingrays	40
Sillaginidae	Smelt-whittings	40
Trachinidae	Weeverfishes	40
Atherinidae	Silversides	39
Nemipteridae	Threadfin breams, Whiptail breams	39
Triglidae	Searobins	38
Balistidae	Triggerfishes	37
Salmonidae	Salmonids	36
Tetraodontidae	Puffers	36
Ostraciidae	Boxfishes (cowfish and trunkfish)	33
Acanthuridae	Surgeonfishes, tangs, unicornfishes	31
Myctophidae	Lanternfishes	31
Leiognathidae	Slimys, slipmouths, or ponyfishes	30
Gobiidae	Gobies	29
Bothidae	Lefteye flounders	28
Caproidae	Boarfishes	28
Centriscidae	Snipefishes and shrimpfishes	28
Holocentridae	Squirrelfishes, soldierfishes	28
Gerreidae	Mojarras	22
Synodontidae	Lizardfishes	22
Ambassidae	Asiatic glassfishes	21

	Apogonidae	Cardinalfishes	10
Genus	<i>Muraenesox</i>	Conger eels	90
	<i>Mycteroperca</i>	Mycteroperca	89
	<i>Alopias</i>	Alopias	79
	<i>Dissostichus</i>	Dissostichus	79
	<i>Anarhichas</i>	Wolfish	78
	<i>Macrourus</i>	Macrourus	78
	<i>Isurus</i>	Isurus	76
	<i>Molva</i>	Molva	76
	<i>Callorhinchus</i>	Callorhinchus	75
	<i>Genypterus</i>	Genypterus	75
	<i>Gymnura</i>	Gymnura	75
	<i>Lophius</i>	Lophius	75
	<i>Dasyatis</i>	Dasyatis	73
	<i>Macruronus</i>	Macruronus	73
	<i>Raja</i>	Raja	72
	<i>Bathyraja</i>	Bathyraja	70
	<i>Salvelinus</i>	Salvelinus	70
	<i>Torpedo</i>	Torpedo	68
	<i>Trachinotus</i>	Pompanos	68
	<i>Tylosurus</i>	Needlefishes	67
	<i>Etmopterus</i>	Etmopterus	66
	<i>Thunnus</i>	Thunnus	64
	<i>Austroglossus</i>	Austroglossus	63
	<i>Epinephelus</i>	Groupers	63
	<i>Sphyræna</i>	Barracudas	62
	<i>Squalus</i>	Squalus	62
	<i>Trachurus</i>	Cutlass fishes	62
	<i>Argentina</i>	Argentines	61
	<i>Pseudotolithus</i>	Croakers	61
	<i>Scorpaena</i>	Scorpaena	61
	<i>Beryx</i>	Alfonsinos	60
	<i>Chirocentrus</i>	Wolf herring	60
	<i>Hydrolagus</i>	Hydrolagus	60
	<i>Lepidorhombus</i>	Megrims	60
	<i>Merluccius</i>	Hakes	59
	<i>Micropogonias</i>	Micropogonias	59
	<i>Chrysoblephus</i>	Seabreams	58
	<i>Sebastes</i>	Redfishes	58
	<i>Caranx</i>	Jacks	57
	<i>Rhinobatos</i>	Guitarfish	57
	<i>Lithognathus</i>	Lithognathus	56
	<i>Lutjanus</i>	Snappers	56
	<i>Mustelus</i>	Smooth-hounds	56
	<i>Nemadactylus</i>	Poræ	55
	<i>Seriola</i>	Amberjacks	55
	<i>Trigla</i>	Trigla	55
	<i>Centropomus</i>	Snooks	53
	<i>Pagellus</i>	Pandoras	53
	<i>Scyliorhinus</i>	Scyliorhinus	53
	<i>Dentex</i>	Seabreams (<i>Dentex</i> spp.)	52
	<i>Pampus</i>	Silver pomfrets	52
	<i>Paralichthys</i>	Paralichthys	52

<i>Epigonus</i>	Cardinalfishes	51
<i>Hemiramphus</i>	Halfbeaks	51
<i>Scomberoides</i>	Queenfishes	51
<i>Solea</i>	Soles	51
<i>Alosa</i>	Shads	50
<i>Caesio</i>	Fusiliers	50
<i>Cynoscion</i>	Weakfishes	50
<i>Diplodus</i>	Seabreams (<i>Diplodus</i> spp.)	50
<i>Salmo</i>	Salmo	50
<i>Scomberomorus</i>	Seerfishes	50
<i>Serirolella</i>	Barrelfishes	50
<i>Trachipterus</i>	Trachipterus	50
<i>Coregonus</i>	Whitefishes	49
<i>Phycis</i>	Phycis	49
<i>Batrachoides</i>	Toadfish	47
<i>Calamus</i>	Porgies	47
<i>Kyphosus</i>	Sea chubs	47
<i>Rhinochimaera</i>	Rhinochimaera	47
<i>Ammodytes</i>	Ammodytes	45
<i>Prionotus</i>	Prionotus	45
<i>Rastrelliger</i>	Indo-Pacific mackerels	45
<i>Sardinella</i>	Sardinella	45
<i>Dicentrarchus</i>	Dicentrarchus	44
<i>Mullus</i>	Goatfishes (<i>Mullus</i> spp.)	44
<i>Oncorhynchus</i>	Oncorhynchus	43
<i>Gymnocranius</i>	Gymnocranius	42
<i>Platax</i>	Platax	42
<i>Terapon</i>	Terapon	42
<i>Harengula</i>	Herring	41
<i>Pagrus</i>	Seabreams (<i>Pagrus</i> spp.)	41
<i>Stolephorus</i>	Anchovies	41
<i>Lycodes</i>	Lycodes	40
<i>Peprilus</i>	Peprilus	40
<i>Menticirrhus</i>	Kingcroakers	39
<i>Nemipterus</i>	Threadfin breams	39
<i>Rhodichthys</i>	Rhodichthys	39
<i>Siganus</i>	Rabbitfishes	39
<i>Microchirus</i>	Microchirus	38
<i>Plotosus</i>	Eel catfishes	36
<i>Cantherhines</i>	Filefishes	35
<i>Rhombosolea</i>	Flounders	35
<i>Trematomus</i>	Antarctic rockcods	35
<i>Spicara</i>	Picarels	34
<i>Serranus</i>	Serranus	32
<i>Uranoscopus</i>	Stargazers	32
<i>Leiognathus</i>	Pony fishes	30
<i>Notoscopelus</i>	Notoscopelus	30
<i>Gobius</i>	Gobius	29
<i>Muraenolepis</i>	Moray cods	27
<i>Myoxocephalus</i>	Myoxocephalus	27
<i>Priacanthus</i>	Bigeyes	27
<i>Upeneus</i>	Goatfishes (<i>Upeneus</i> spp.)	27
<i>Auxis</i>	Frigate tuna	26
<i>Decapterus</i>	Scads	26

	<i>Gaidropsarus</i>	Gaidropsarus	24
	<i>Sphoeroides</i>	Sphoeroides	23
	<i>Gerres</i>	Morrajias	22
	<i>Hypomesus</i>	Hypomesus	20
	<i>Scatophagus</i>	Scats	10
	<i>Scolopsis</i>	Scolopsis	10
Species	<i>Centrophorus granulosus</i>	Gulper shark	90
	<i>Centrophorus squamosus</i>	Leafscale gulper shark	90
	<i>Lampris guttatus</i>	Opah	90
	<i>Lepidocybium flavobrunneum</i>	Escolar	90
	<i>Lichia amia</i>	Leerfish	90
	<i>Muraenesox cinereus</i>	Daggertooth pike conger	90
	<i>Oxynotus centrina</i>	Angular roughshark	90
	<i>Regalecus glesne</i>	King of herrings	90
	<i>Ruvettus pretiosus</i>	Oilfish	90
	<i>Somniosus microcephalus</i>	Greenland shark	90
	<i>Somniosus pacificus</i>	Pacific sleeper shark	90
	<i>Dipturus laevis</i>	Barndoor skate	87
	<i>Dipturus batis</i>	Blue skate	86
	<i>Dipturus oxyrinchus</i>	Longnosed skate	86
	<i>Megalops atlanticus</i>	Tarpon	84
	<i>Megalops cyprinoides</i>	Indo-Pacific tarpon	84
	<i>Carcharhinus brachyurus</i>	Copper shark	83
	<i>Carcharhinus obscurus</i>	Dusky shark	83
	<i>Petrus rupestris</i>	Red steenbras	82
	<i>Squatina argentina</i>	Argentine angelshark	80
	<i>Squatina squatina</i>	Angelshark	80
	<i>Alopias superciliosus</i>	Bigeye thresher	79
	<i>Alopias vulpinus</i>	Thintail thresher	79
	<i>Dissostichus eleginoides</i>	Patagonian toothfish	79
	<i>Dissostichus mawsoni</i>	Antarctic toothfish	79
	<i>Ginglymostoma cirratum</i>	Nurse shark	79
	<i>Anarhichas lupus</i>	Wolf-fish	78
	<i>Anarhichas minor</i>	Spotted wolffish	78
	<i>Carcharhinus falciformis</i>	Silky shark	77
	<i>Carcharhinus limbatus</i>	Blacktip shark	77
	<i>Centroscyllium fabricii</i>	Black dogfish	77
	<i>Deania calcea</i>	Birdbeak dogfish	77
	<i>Lepidopus caudatus</i>	Silver scabbardfish	77
	<i>Notorynchus cepedianus</i>	Broadnose sevengill shark	77
	<i>Prionace glauca</i>	Blue shark	77
	<i>Sphyrna lewini</i>	Scalloped hammerhead	77
	<i>Sphyrna zygaena</i>	Smooth hammerhead	77
	<i>Isurus oxyrinchus</i>	Shortfin mako	76
	<i>Isurus paucus</i>	Longfin mako	76
	<i>Aphanopus carbo</i>	Black scabbardfish	75
	<i>Argyrosomus hololepidotus</i>	Southern meagre	75
	<i>Argyrosomus regius</i>	Meagre	75
	<i>Coryphaenoides rupestris</i>	Roundnose grenadier	75
	<i>Lota lota</i>	Burbot	75
	<i>Molva dypterygia</i>	Blue ling	75
	<i>Molva molva</i>	Ling	75
	<i>Reinhardtius stomias</i>	Arrowtooth flounder	75

<i>Conger orbignyana</i>	Argentine conger	73
<i>Rexea solandri</i>	Silver gemfish	73
<i>Callorhynchus capensis</i>	Cape elephantfish	72
<i>Callorhynchus milii</i>	Ghost shark	72
<i>Centroscymnus coelolepis</i>	Portuguese dogfish	72
<i>Centroscymnus cryptacanthus</i>	Shortnose velvet dogfish	72
<i>Conger oceanicus</i>	American conger	72
<i>Lophius americanus</i>	American angler	72
<i>Lophius vomerinus</i>	Cape monk	72
<i>Raja microocellata</i>	Small-eyed ray	72
<i>Totoaba macdonaldi</i>	Totoaba	72
<i>Alepocephalus bairdii</i>	Bairds smooth-head	71
<i>Argyrozona argyrozona</i>	Carpenter seabream	71
<i>Macruronus magellanicus</i>	Patagonian grenadier	71
<i>Macruronus novaezelandiae</i>	Blue grenadier	71
<i>Mola mola</i>	Ocean sunfish	71
<i>Pseudosciaena crocea</i>	Croceine croaker	71
<i>Bathyraja eatonii</i>	Eatons skate	70
<i>Genypterus blacodes</i>	Pink cusk-eel	70
<i>Gobionotothen gibberifrons</i>	Humped rockcod	70
<i>Lepidonotothen squamifrons</i>	Grey rockcod	70
<i>Macrourus berglax</i>	Onion-eye grenadier	70
<i>Macrourus whitsoni</i>	Whitsons grenadier	70
<i>Salvelinus alpinus</i>	Charr	70
<i>Dalatias licha</i>	Kitefin shark	69
<i>Eleutheronema tetradactylum</i>	Fourfinger threadfin	69
<i>Genypterus chilensis</i>	Red cusk-eel	69
<i>Leucoraja circularis</i>	Sandy ray	69
<i>Leucoraja fullonica</i>	Shagreen ray	69
<i>Polyprion americanus</i>	Wreckfish	69
<i>Polyprion oxygeneios</i>	Hapuka	69
<i>Raja clavata</i>	Thornback ray	69
<i>Raja undulata</i>	Undulate ray	69
<i>Gnathanodon speciosus</i>	Golden trevally	68
<i>Hippoglossus hippoglossus</i>	Atlantic halibut	68
<i>Hippoglossus stenolepis</i>	Pacific halibut	68
<i>Lobotes surinamensis</i>	Atlantic tripletail	68
<i>Channichthys rhinoceratus</i>	Unicorn icefish	67
<i>Lepidopsetta bilineata</i>	Rock sole	67
<i>Chaenocephalus aceratus</i>	Blackfin icefish	66
<i>Emmelichthys nitidus nitidus</i>	Redbait	66
<i>Lamna nasus</i>	Porbeagle	66
<i>Ophiodon elongatus</i>	Lingcod	66
<i>Orthopristis chrysoptera</i>	Pigfish	66
<i>Scomberesox saurus saurus</i>	Atlantic saury	66
<i>Lophius piscatorius</i>	Angler	65
<i>Stereolepis gigas</i>	Giant sea-bass	65
<i>Carcharodon carcharias</i>	Great white shark	64
<i>Champscephalus gunnari</i>	Mackerel icefish	64
<i>Hoplostethus atlanticus</i>	Orange roughy	64
<i>Makaira mazara</i>	Indo-Pacific blue marlin	64
<i>Notothenia coriiceps</i>	Yellowbelly rockcod	64
<i>Notothenia rossii</i>	Marbled rockcod	64
<i>Orcynopsis unicolor</i>	Plain bonito	64

<i>Pogonias cromis</i>	Black drum	64
<i>Polydactylus quadrifilis</i>	Giant African threadfin	64
<i>Pterogymnus lanarius</i>	Panga seabream	64
<i>Thunnus orientalis</i>	Pacific bluefin tuna	64
<i>Xiphias gladius</i>	Swordfish	64
<i>Atractoscion aequidens</i>	Geelbeck croaker	63
<i>Atractoscion nobilis</i>	White weakfish	63
<i>Centroberyx affinis</i>	Redfish	63
<i>Cheimerius nufar</i>	Santer seabream	63
<i>Elagatis bipinnulata</i>	Rainbow runner	63
<i>Epinephelus aeneus</i>	White grouper	63
<i>Epinephelus flavolimbatus</i>	Yellowedge grouper	63
<i>Epinephelus goreensis</i>	Dungat grouper	63
<i>Epinephelus nigritus</i>	Warsaw grouper	63
<i>Epinephelus niveatus</i>	Snowy grouper	63
<i>Epinephelus tauvina</i>	Greasy grouper	63
<i>Spondylisoma cantharus</i>	Black seabream	63
<i>Thunnus maccoyii</i>	Southern bluefin tuna	63
<i>Thunnus tonggol</i>	Longtail tuna	63
<i>Eopsetta jordani</i>	Petrale sole	62
<i>Epinephelus marginatus</i>	Dusky grouper	62
<i>Lateolabrax japonicus</i>	Japanese seaperch	62
<i>Leucoraja naevus</i>	Cuckoo ray	62
<i>Macquaria ambigua</i>	Golden perch	62
<i>Makaira indica</i>	Black marlin	62
<i>Makaira nigricans</i>	Atlantic blue marlin	62
<i>Squalus acanthias</i>	Piked dogfish	62
<i>Thunnus alalunga</i>	Albacore	62
<i>Anoplopoma fimbria</i>	Sablefish	61
<i>Argyrops spinifer</i>	King soldierbream	61
<i>Galeorhinus galeus</i>	Tope shark	61
<i>Plectorhinchus mediterraneus</i>	Rubberlip grunt	61
<i>Pseudolithus senegallus</i>	Law croaker	61
<i>Scorpaena scrofa</i>	Largescaled scorpionfish	61
<i>Thyrsites atun</i>	Snoek	61
<i>Alectis alexandrinus</i>	African threadfish	60
<i>Beryx decadactylus</i>	Alfonsino	60
<i>Chirocentrus dorab</i>	Dorab wolf-herring	60
<i>Conger conger</i>	European conger	60
<i>Conger myriaster</i>	Whitespotted conger	60
<i>Euthynnus affinis</i>	Kawakawa	60
<i>Euthynnus alletteratus</i>	Little tunny	60
<i>Euthynnus lineatus</i>	Black skipjack	60
<i>Hydrolagus novaezealandiae</i>	Dark ghost shark	60
<i>Megalaspis cordyla</i>	Torpedo scad	60
<i>Mycteroperca venenosa</i>	Yellowfin grouper	60
<i>Mycteroperca xenarcha</i>	Broomtail grouper	60
<i>Paralonchurus peruanus</i>	Peruvian banded croaker	60
<i>Paristiopterus labiosus</i>	Giant boarfish	60
<i>Pseudopercis semifasciata</i>	Pigletfish	60
<i>Reinhardtius evermanni</i>	Kamchatka flounder	60
<i>Reinhardtius hippoglossoides</i>	Greenland halibut	60
<i>Rhabdosargus globiceps</i>	White stumpnose	60
<i>Semicossyphus pulcher</i>	California sheephead	60

<i>Stenotomus chrysops</i>	Scup	60
<i>Thunnus albacares</i>	Yellowfin tuna	60
<i>Thunnus atlanticus</i>	Blackfin tuna	60
<i>Thunnus obesus</i>	Bigeye tuna	60
<i>Thunnus thynnus</i>	Northern bluefin tuna	60
<i>Cheilopogon agoo</i>	Japanese flyingfish	59
<i>Helicolenus dactylopterus dactylopterus</i>	Blackbelly rosefish	59
<i>Larimichthys polyactis</i>	Yellow croaker	59
<i>Merluccius australis</i>	Southern hake	59
<i>Merluccius capensis</i>	Shallow-water Cape hake	59
<i>Pleuronectes platessus</i>	European plaice	59
<i>Pleuronectes quadrituberculatus</i>	Alaska plaice	59
<i>Rhomboplites aurorubens</i>	Vermilion snapper	59
<i>Gadus macrocephalus</i>	Pacific cod	58
<i>Lates calcarifer</i>	Barramundi	58
<i>Lopholatilus chamaeleonticeps</i>	Great northern tilefish	58
<i>Merluccius senegalensis</i>	Senegalese hake	58
<i>Mugil liza</i>	Liza	58
<i>Pollachius pollachius</i>	Pollack	58
<i>Pollachius virens</i>	Saithe	58
<i>Sebastes entomelas</i>	Widow rockfish	58
<i>Sebastes flavidus</i>	Yellowtail rockfish	58
<i>Sebastes melanops</i>	Black rockfish	58
<i>Sebastes mentella</i>	Deepwater redfish	58
<i>Sebastes viviparus</i>	Norway redfish	58
<i>Amblyraja georgiana</i>	Antarctic starry skate	57
<i>Amblyraja radiata</i>	Thorny skate	57
<i>Brotula barbata</i>	Bearded brotula	57
<i>Caranx ruber</i>	Bar jack	57
<i>Liza saliens</i>	Leaping mullet	57
<i>Merluccius gayi peruanus</i>	Peruvian hake	57
<i>Merluccius merluccius</i>	European hake	57
<i>Rachycentron canadum</i>	Cobia	57
<i>Mustelus mustelus</i>	Smooth-hound	56
<i>Theragra chalcogramma</i>	Alaska pollack	56
<i>Austroglossus microlepis</i>	West coast sole	55
<i>Austroglossus pectoralis</i>	Mud sole	55
<i>Epinephelus analogus</i>	Spotted grouper	55
<i>Epinephelus morio</i>	Red grouper	55
<i>Ethmidium maculatum</i>	Pacific menhaden	55
<i>Katsuwonus pelamis</i>	Skipjack tuna	55
<i>Nemadactylus macropterus</i>	Tarakihi	55
<i>Petromyzon marinus</i>	Sea lamprey	55
<i>Pomatomus saltator</i>	Bluefish	55
<i>Trigla lyra</i>	Piper gurnard	55
<i>Brosme brosme</i>	Tusk	54
<i>Caranx rhonchus</i>	False scad	54
<i>Cetorhinus maximus</i>	Basking shark	54
<i>Elops lacerta</i>	West African ladyfish	54
<i>Elops saurus</i>	Ladyfish	54
<i>Morone americana</i>	White perch	54
<i>Morone saxatilis</i>	Striped sea-bass	54
<i>Mycteroperca phenax</i>	Scamp	54

<i>Nibea mitsukurii</i>	Nibe croaker	54
<i>Rhinobatos percellens</i>	Chola guitarfish	54
<i>Rhinobatos planiceps</i>	Pacific guitarfish	54
<i>Sarda orientalis</i>	Striped bonito	54
<i>Sardinops sagax</i>	South American pilchard	54
<i>Sebastes alutus</i>	Pacific ocean perch	54
<i>Sebastes capensis</i>	False jacobever	54
<i>Sebastes paucispinis</i>	Bocaccio	54
<i>Tautoga onitis</i>	Tautog	54
<i>Trachinotus blochii</i>	Snubnose pompano	54
<i>Trachinotus carolinus</i>	Florida pompano	54
<i>Albula vulpes</i>	Bonefish	53
<i>Brama brama</i>	Atlantic pomfret	53
<i>Caranx crysos</i>	Blue runner	53
<i>Caranx hippos</i>	Crevalle jack	53
<i>Centropomus undecimalis</i>	Common snook	53
<i>Clupea harengus</i>	Atlantic herring	53
<i>Clupea harengus membras</i>	Baltic herring	53
<i>Clupea pallasii</i>	Pacific herring	53
<i>Girella nigricans</i>	Opaleye	53
<i>Girella tricuspidata</i>	Luderick	53
<i>Holtbyrnia anomala</i>	Bighead searsid	53
<i>Lethrinus atlanticus</i>	Atlantic emperor	53
<i>Lithognathus lithognathus</i>	White steenbras	53
<i>Lithognathus mormyrus</i>	Striped seabream	53
<i>Merluccius hubbsi</i>	Argentine hake	53
<i>Mora moro</i>	Common mora	53
<i>Mustelus henlei</i>	Brown smooth-hound	53
<i>Mustelus lenticulatus</i>	Spotted estuary smooth-hound	53
<i>Mustelus schmitti</i>	Narrownose smooth-hound	53
<i>Mycteroperca bonaci</i>	Black grouper	53
<i>Mycteroperca microlepis</i>	Gag	53
<i>Myxine glutinosa</i>	Hagfish	53
<i>Paralabrax humeralis</i>	Peruvian rock seabass	53
<i>Sarda chiliensis lineolata</i>	Pacific bonito	53
<i>Sciaenops ocellatus</i>	Red drum	53
<i>Scomber australasicus</i>	Blue mackerel	53
<i>Sebastolobus alascanus</i>	Shortspine thornyhead	53
<i>Dentex dentex</i>	Common dentex	52
<i>Eleginops maclovinus</i>	Patagonian blennie	52
<i>Gadus morhua</i>	Atlantic cod	52
<i>Gadus ogac</i>	Greenland cod	52
<i>Kathetostoma giganteum</i>	Giant stargazer	52
<i>Pagellus bogaraveo</i>	Blackspot seabream	52
<i>Pampus argenteus</i>	Silver pomfret	52
<i>Paralichthys californicus</i>	California flounder	52
<i>Pleuragramma antarcticum</i>	Antarctic silverfish	52
<i>Scyliorhinus canicula</i>	Smallspotted catshark	52
<i>Scyliorhinus stellaris</i>	Nursehound	52
<i>Seriola quinqueradiata</i>	Japanese amberjack	52
<i>Dentex angolensis</i>	Angola dentex	51
<i>Epigonus telescopus</i>	Bulls-eye	51
<i>Galeus melastomus</i>	Blackmouth catshark	51
<i>Hemiramphus brasiliensis</i>	Ballyhoo	51

<i>Isacia conceptionis</i>	Cabinza grunt	51
<i>Lepidotrigla dieuzeidei</i>	Spiny gurnard	51
<i>Melamphaes leprus</i>	Melamphaes leprus	51
<i>Merluccius gayi gayi</i>	South Pacific hake	51
<i>Pagellus erythrinus</i>	Common pandora	51
<i>Scomber japonicus</i>	Chub mackerel	51
<i>Scomber scombrus</i>	Atlantic mackerel	51
<i>Scophthalmus maximus</i>	Turbot	51
<i>Strangomera bentincki</i>	Araucanian herring	51
<i>Trachurus murphyi</i>	Inca scad	51
<i>Trachurus picturatus</i>	Blue jack mackerel	51
<i>Acanthocybium solandri</i>	Wahoo	50
<i>Antimora rostrata</i>	Blue antimora	50
<i>Chimaera monstrosa</i>	Rabbit fish	50
<i>Clupeonella cultriventris</i>	Black Sea sprat	50
<i>Coryphaena hippurus</i>	Common dolphinfish	50
<i>Diplodus cervinus cervinus</i>	Zebra seabream	50
<i>Galeoides decadactylus</i>	Lesser African threadfin	50
<i>Lophius budegassa</i>	Black-bellied angler	50
<i>Lophius vaillanti</i>	Shortspine African angler	50
<i>Pseudopleuronectes americanus</i>	Winter flounder	50
<i>Pseudopleuronectes herzensteini</i>	Littlemouth flounder	50
<i>Salilota australis</i>	Tadpole codling	50
<i>Sarpa salpa</i>	Salema	50
<i>Seriola dumerili</i>	Greater amberjack	50
<i>Seriola lalandi</i>	Yellowtail amberjack	50
<i>Trachurus declivis</i>	Greenback horse mackerel	50
<i>Trachurus trecae</i>	Cunene horse mackerel	50
<i>Zenopsis conchifer</i>	Silvery John dory	50
<i>Zenopsis nebulosus</i>	Mirror dory	50
<i>Acanthistius brasilianus</i>	Sea bass	49
<i>Alosa aestivalis</i>	Blueback shad	49
<i>Alosa alosa</i>	Allis shad	49
<i>Alosa fallax</i>	Twaite shad	49
<i>Alosa pontica</i>	Pontic shad	49
<i>Alosa sapidissima</i>	American shad	49
<i>Atrubucca nibe</i>	Longfin kob	49
<i>Coregonus albula</i>	Vendace	49
<i>Dentex macrophthalmus</i>	Large-eye dentex	49
<i>Epinephelus guttatus</i>	Red hind	49
<i>Epinephelus striatus</i>	Nassau grouper	49
<i>Genypterus capensis</i>	Kingklip	49
<i>Genypterus maculatus</i>	Black cusk-eel	49
<i>Mallotus villosus</i>	Capelin	49
<i>Mugil cephalus</i>	Flathead mullet	49
<i>Mugil soiuy</i>	So-iuy mullet	49
<i>Parona signata</i>	Parona leatherjacket	49
<i>Phycis blennoides</i>	Greater forkbeard	49
<i>Phycis phycis</i>	Forkbeard	49
<i>Pseudochaenichthys georgianus</i>	South Georgia icefish	49
<i>Raja asterias</i>	Starry ray	49
<i>Raja montagui</i>	Spotted ray	49
<i>Sardina pilchardus</i>	European pilchard	49
<i>Sebastes marinus</i>	Ocean perch	49

<i>Seriolina nigrofasciata</i>	Blackbanded trevally	49
<i>Trachurus symmetricus</i>	Pacific jack mackerel	49
<i>Brevoortia aurea</i>	Brazilian menhaden	48
<i>Brevoortia pectinata</i>	Argentine menhaden	48
<i>Cynoscion analis</i>	Peruvian weakfish	48
<i>Cynoscion regalis</i>	Gray weakfish	48
<i>Lutjanus purpureus</i>	Southern red snapper	48
<i>Merluccius bilinearis</i>	Silver hake	48
<i>Merluccius polli</i>	Benguela hake	48
<i>Merluccius productus</i>	North Pacific hake	48
<i>Parophrys vetula</i>	English sole	48
<i>Pseudophycis bachus</i>	Red codling	48
<i>Pteroscion peli</i>	Boe drum	48
<i>Salmo salar</i>	Atlantic salmon	48
<i>Salmo trutta trutta</i>	Sea trout	48
<i>Sarda chiliensis chiliensis</i>	Eastern Pacific bonito	48
<i>Sarda sarda</i>	Atlantic bonito	48
<i>Sciaena gilberti</i>	Sciaena gilberti	48
<i>Sciaena umbra</i>	Brown meagre	48
<i>Scomberomorus guttatus</i>	Indo-Pacific king mackerel	48
<i>Selaroides leptolepis</i>	Yellowstripe scad	48
<i>Seriolella brama</i>	Common warehou	48
<i>Sparisoma cretense</i>	Parrotfish	48
<i>Tautoglabrus adspersus</i>	Cunner	48
<i>Tenualosa ilisha</i>	Hilsa shad	48
<i>Tenualosa toli</i>	Toli shad	48
<i>Acanthopagrus latus</i>	Yellowfin seabream	47
<i>Acanthopagrus schlegeli</i>	Black porgy	47
<i>Brevoortia patronus</i>	Gulf menhaden	47
<i>Brevoortia tyrannus</i>	Atlantic menhaden	47
<i>Kyphosus cinerascens</i>	Blue seachub	47
<i>Melanogrammus aeglefinus</i>	Haddock	47
<i>Paralichthys dentatus</i>	Summer flounder	47
<i>Paralichthys olivaceus</i>	Bastard halibut	47
<i>Percophis brasiliensis</i>	Brazilian flathead	47
<i>Pomadasy jubelini</i>	Sompat grunt	47
<i>Pseudocaranx dentex</i>	White trevally	47
<i>Pseudolithus elongatus</i>	Bobo croaker	47
<i>Pseudolithus senegalensis</i>	Cassava croaker	47
<i>Rhinochimaera atlantica</i>	Spearnose chimaera	47
<i>Scomberomorus maculatus</i>	Spanish mackerel	47
<i>Scomberomorus sierra</i>	Pacific sierra	47
<i>Scomberomorus tritor</i>	West African Spanish mackerel	47
<i>Selene dorsalis</i>	African moonfish	47
<i>Selene setapinnis</i>	Atlantic moonfish	47
<i>Seriolella caerulea</i>	White warehou	47
<i>Seriolella porosa</i>	Choicy ruff	47
<i>Seriolella punctata</i>	Silver warehou	47
<i>Zeus faber</i>	John dory	47
<i>Etrumeus teres</i>	Round herring	46
<i>Etrumeus whiteheadi</i>	Whiteheads round herring	46
<i>Glyptocephalus cynoglossus</i>	Witch	46
<i>Glyptocephalus zachirus</i>	Rex sole	46

<i>Istiophorus albicans</i>	Atlantic sailfish	46
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	46
<i>Parastromateus niger</i>	Black pomfret	46
<i>Platichthys flesus</i>	Flounder	46
<i>Platycephalus indicus</i>	Bartail flathead	46
<i>Psettichthys melanostictus</i>	West American sand sole	46
<i>Rhizoprionodon terraenovae</i>	Atlantic sharpnose shark	46
<i>Scomberomorus brasiliensis</i>	Serra Spanish mackerel	46
<i>Scomberomorus cavalla</i>	King mackerel	46
<i>Scomberomorus lineolatus</i>	Streaked seerfish	46
<i>Scorpaenichthys marmoratus</i>	Cabezon	46
<i>Sebastes goodei</i>	Chilipepper	46
<i>Sebastes pinniger</i>	Canary rockfish	46
<i>Sprattus fuegensis</i>	Falkland sprat	46
<i>Sprattus sprattus</i>	European sprat	46
<i>Sprattus sprattus balticus</i>	Baltic sprat	46
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	46
<i>Tetrapturus pfluegeri</i>	Longbill spearfish	46
<i>Trachurus lathami</i>	Rough scad	46
<i>Trachurus mediterraneus</i>	Mediterranean horse mackerel	46
<i>Trachurus trachurus</i>	Atlantic horse mackerel	46
<i>Ammodytes personatus</i>	Pacific sandeel	45
<i>Archosargus probatocephalus</i>	Sheepshead seabream	45
<i>Boops boops</i>	Bogue	45
<i>Caulolatilus chrysops</i>	Atlantic goldeye tilefish	45
<i>Caulolatilus princeps</i>	Ocean whitefish	45
<i>Cetengraulis edentulus</i>	Atlantic anchoveta	45
<i>Cetengraulis mysticetus</i>	Pacific anchoveta	45
<i>Cololabis saira</i>	Pacific saury	45
<i>Hyperoglyphe antarctica</i>	Antarctic butterfish	45
<i>Hyperoglyphe bythites</i>	Black driftfish	45
<i>Joturus pichardi</i>	Bobo mullet	45
<i>Lutjanus campechanus</i>	Northern red snapper	45
<i>Micromesistius australis</i>	Southern blue whiting	45
<i>Micromesistius poutassou</i>	Blue whiting	45
<i>Ocyurus chrysurus</i>	Yellowtail snapper	45
<i>Pagellus acarne</i>	Axillary seabream	45
<i>Pagellus bellottii bellottii</i>	Red pandora	45
<i>Pleurogrammus azonus</i>	Okhostk atka mackerel	45
<i>Pleurogrammus monopterygius</i>	Atka mackerel	45
<i>Pterothrissus belloci</i>	Longfin bonefish	45
<i>Rastrelliger brachysoma</i>	Short mackerel	45
<i>Rastrelliger kanagurta</i>	Indian mackerel	45
<i>Sardinella brasiliensis</i>	Brazilian sardinella	45
<i>Solea senegalensis</i>	Senegalese sole	45
<i>Solea solea</i>	Common sole	45
<i>Spratelloides gracilis</i>	Silverstriped round herring	45
<i>Tetrapturus albidus</i>	Atlantic white marlin	45
<i>Tetrapturus audax</i>	Striped marlin	45
<i>Engraulis anchoita</i>	Argentine anchoita	44
<i>Engraulis capensis</i>	Cape anchovy	44
<i>Engraulis encrasicolus</i>	European anchovy	44
<i>Engraulis japonicus</i>	Japanese anchovy	44
<i>Engraulis mordax</i>	Californian anchovy	44

<i>Engraulis ringens</i>	Anchoveta	44
<i>Mullus barbatus</i>	Red mullet	44
<i>Mullus surmuletus</i>	Striped red mullet	44
<i>Opisthonema libertate</i>	Pacific thread herring	44
<i>Opisthonema oglinum</i>	Atlantic thread herring	44
<i>Psettodes belcheri</i>	Spottail spiny turbot	44
<i>Psettodes bennettii</i>	Spiny turbot	44
<i>Psettodes erumei</i>	Indian spiny turbot	44
<i>Sardinella maderensis</i>	Madeiran sardinella	44
<i>Trachurus capensis</i>	Cape horse mackerel	44
<i>Trachurus japonicus</i>	Japanese jack mackerel	44
<i>Alosa mediocris</i>	Hickory shad	43
<i>Alosa pseudoharengus</i>	Alewife	43
<i>Brachydeuterus auritus</i>	Bigeye grunt	43
<i>Cyclopterus lumpus</i>	Lumpsucker	43
<i>Sardinella aurita</i>	Round sardinella	43
<i>Atherina boyeri</i>	Big-scale sand smelt	42
<i>Belone belone belone</i>	Garpike	42
<i>Dicentrarchus labrax</i>	European seabass	42
<i>Dicentrarchus punctatus</i>	Spotted seabass	42
<i>Herklotsichthys quadrimaculatus</i>	Bluestripe herring	42
<i>Lepidorhombus boscii</i>	Fourspotted megrim	42
<i>Lepidorhombus whiffiagonis</i>	Megrim	42
<i>Lutjanus argentimaculatus</i>	Mangrove red snapper	42
<i>Lutjanus argentiventris</i>	Yellow snapper	42
<i>Lutjanus synagris</i>	Lane snapper	42
<i>Sardinella gibbosa</i>	Goldstripe sardinella	42
<i>Sardinella lemuru</i>	Bali sardinella	42
<i>Sardinella longiceps</i>	Indian oil sardine	42
<i>Sardinella zunasi</i>	Japanese sardinella	42
<i>Scophthalmus aquosus</i>	Windowpane	42
<i>Scophthalmus rhombus</i>	Brill	42
<i>Trichiurus lepturus</i>	Largehead hairtail	42
<i>Chrysophrys auratus</i>	Squirefish	41
<i>Coregonus lavaretus</i>	Common whitefish	41
<i>Dicologlossa cuneata</i>	Wedge sole	41
<i>Dorosoma cepedianum</i>	American gizzard shad	41
<i>Merlangius merlangus</i>	Whiting	41
<i>Oncorhynchus tshawytscha</i>	Chinook salmon	41
<i>Pagrus auriga</i>	Redbanded seabream	41
<i>Pagrus caeruleostictus</i>	Bluespotted seabream	41
<i>Pagrus pagrus</i>	Common seabream	41
<i>Sparus auratus</i>	Gilthead seabream	41
<i>Umbrina canariensis</i>	Canary drum	41
<i>Urophycis brasiliensis</i>	Brazilian codling	41
<i>Urophycis chuss</i>	Red hake	41
<i>Urophycis tenuis</i>	White hake	41
<i>Chaenodraco wilsoni</i>	Spiny icefish	40
<i>Chionodraco rastrispinosus</i>	Ocellated icefish	40
<i>Coregonus huntsmani</i>	Atlantic whitefish	40
<i>Coregonus oxyrinchus</i>	Houting	40
<i>Dasyatis akajei</i>	Red stingray	40
<i>Dasyatis pastinaca</i>	Common stingray	40
<i>Dentex canariensis</i>	Canary dentex	40

<i>Dentex congoensis</i>	Congo dentex	40
<i>Eleginus gracilis</i>	Saffron cod	40
<i>Eleginus navaga</i>	Navaga	40
<i>Galeichthys feliceps</i>	White baggar	40
<i>Hyporhamphus ihi</i>	Garfish	40
<i>Hyporhamphus sajori</i>	Japanese halfbeak	40
<i>Lepidorhynchus denticulatus</i>	Thorntooth grenadier	40
<i>Limanda aspera</i>	Yellowfin sole	40
<i>Microstomus kitt</i>	Lemon sole	40
<i>Microstomus pacificus</i>	Dover sole	40
<i>Peprilus simillimus</i>	Pacific pompano	40
<i>Pomadasys argenteus</i>	Silver grunt	40
<i>Pomadasys incisus</i>	Bastard grunt	40
<i>Pontinus kuhlii</i>	Offshore rockfish	40
<i>Pseudopentaceros richardsoni</i>	Pelagic armorhead	40
<i>Stromateus fiatola</i>	Blue butterfish	40
<i>Trachinus draco</i>	Greater weever	40
<i>Nemipterus virgatus</i>	Golden threadfin bream	39
<i>Ethmalosa fimbriata</i>	Bonga shad	38
<i>Oncorhynchus keta</i>	Chum salmon	38
<i>Oncorhynchus masou masou</i>	Cherry salmon	38
<i>Oncorhynchus mykiss</i>	Rainbow trout	38
<i>Oncorhynchus nerka</i>	Sockeye salmon	38
<i>Psenopsis anomala</i>	Melon seed	38
<i>Takifugu vermicularis</i>	Takifugu vermicularis	38
<i>Argentina silus</i>	Greater argentine	37
<i>Argentina sphyraena</i>	Argentine	37
<i>Citharichthys sordidus</i>	Pacific sanddab	37
<i>Cynoscion nebulosus</i>	Spotted weakfish	37
<i>Cynoscion striatus</i>	South American striped weakfish	37
<i>Labrus bergylta</i>	Ballan wrasse	37
<i>Labrus merula</i>	Brown wrasse	37
<i>Scomberomorus commerson</i>	Narrow-barred Spanish mackerel	37
<i>Scomberomorus niphonius</i>	Japanese Spanish mackerel	37
<i>Scomberomorus regalis</i>	Cero	37
<i>Centropristis striata</i>	Black seabass	36
<i>Chelidonichthys cuculus</i>	East Atlantic red gurnard	36
<i>Chelidonichthys lucerna</i>	Tub gurnard	36
<i>Pegusa lascaris</i>	Sand sole	36
<i>Chelidonichthys capensis</i>	Cape gurnard	35
<i>Chelidonichthys gurnardus</i>	Grey gurnard	35
<i>Chelidonichthys kumu</i>	Bluefin gurnard	35
<i>Chelidonichthys lastoviza</i>	Streaked gurnard	35
<i>Chloroscombrus chrysurus</i>	Atlantic bumper	35
<i>Chloroscombrus orqueta</i>	Pacific bumper	35
<i>Clupanodon thrissa</i>	Chinese gizzard shad	35
<i>Diplodus sargus sargus</i>	White seabream	35
<i>Macrodon ancylodon</i>	King weakfish	35
<i>Patagonotothen breviceauda breviceauda</i>	Patagonian rockcod	35
<i>Patagonotothen ramsayi</i>	Patagonotothen ramsayi	35
<i>Pentanemus quinquarius</i>	Royal threadfin	35
<i>Boreogadus saida</i>	Polar cod	34

<i>Diplodus puntazzo</i>	Sharpsnout seabream	34
<i>Normanichthys crockeri</i>	Normans camote	34
<i>Oncorhynchus gorboscha</i>	Pink salmon	34
<i>Oncorhynchus kisutch</i>	Coho salmon	34
<i>Spicara maena</i>	Blotched picarel	34
<i>Genyonemus lineatus</i>	White croaker	33
<i>Lepidoperca pulchella</i>	Orange perch	33
<i>Limanda ferruginea</i>	Yellowtail flounder	33
<i>Limanda limanda</i>	Dab	33
<i>Oblada melanura</i>	Saddled seabream	33
<i>Trisopterus esmarkii</i>	Norway pout	33
<i>Trisopterus luscus</i>	Pouting	33
<i>Trisopterus minutus</i>	Poor cod	33
<i>Arctoscopus japonicus</i>	Sailfin sandfish	32
<i>Otolithes ruber</i>	Tiger-toothed croaker	32
<i>Pennahia argentata</i>	White croaker	32
<i>Stephanolepis cirrhiifer</i>	Thread-sail filefish	32
<i>Thyrsitops lepidopoides</i>	White snake mackerel	32
<i>Uranoscopus scaber</i>	Atlantic stargazer	32
<i>Cheilodactylus variegatus</i>	Peruvian morwong	31
<i>Ilisha africana</i>	West African ilisha	31
<i>Ilisha elongata</i>	Elongate ilisha	31
<i>Lampanyctodes hectoris</i>	Hectors lanternfish	31
<i>Nemadactylus bergi</i>	White morwong	31
<i>Zoarces americanus</i>	Ocean pout	31
<i>Zoarces viviparus</i>	Viviparous blenny	31
<i>Maurolicus muelleri</i>	Pearlsides	30
<i>Osmerus eperlanus</i>	European smelt	30
<i>Osmerus mordax mordax</i>	Atlantic rainbow smelt	30
<i>Arripis georgianus</i>	Australian ruff	29
<i>Arripis trutta</i>	Eastern Australian salmon	29
<i>Gobius niger</i>	Black goby	29
<i>Hippoglossoides elassodon</i>	Flathead sole	29
<i>Hippoglossoides platessoides</i>	American plaice	29
<i>Menticirrhus littoralis</i>	Gulf kingcroaker	29
<i>Menticirrhus saxatilis</i>	Northern kingcroaker	29
<i>Pleuronichthys decurrens</i>	Curlfin sole	29
<i>Pseudupeneus prayensis</i>	West African goatfish	29
<i>Thaleichthys pacificus</i>	Eulachon	29
<i>Balistes carolinensis</i>	Grey triggerfish	28
<i>Macroramphosus scolopax</i>	Longspine snipefish	28
<i>Muraenolepis microps</i>	Smalleye moray cod	27
<i>Parapercis colias</i>	Blue cod	27
<i>Priacanthus macracanthus</i>	Red bigeye	27
<i>Synagrops japonicus</i>	Japanese splitfin	27
<i>Ariomma indica</i>	Indian ariomma	26
<i>Hypoptychus dybowskii</i>	Korean sandeel	26
<i>Pterygotrigla picta</i>	Spotted gurnard	26
<i>Pterygotrigla polyommata</i>	Latchet	26
<i>Auxis rochei rochei</i>	Bullet tuna	25
<i>Auxis thazard thazard</i>	Frigate tuna	25
<i>Conodon nobilis</i>	Barred grunt	25
<i>Micropogonias furnieri</i>	Whitemouth croaker	25
<i>Micropogonias undulatus</i>	Atlantic croaker	25

<i>Anchoa hepsetus</i>	Broad-striped anchovy	24
<i>Anchoa mitchilli</i>	Bay anchovy	24
<i>Glossanodon semifasciatus</i>	Deepsea smelt	24
<i>Konosirus punctatus</i>	Konoshiro gizzard shad	24
<i>Microgadus proximus</i>	Pacific tomcod	24
<i>Microgadus tomcod</i>	Atlantic tomcod	24
<i>Umbrina canosai</i>	Argentine croaker	24
<i>Umbrina cirrosa</i>	Shi drum	24
<i>Mene maculata</i>	Moonfish	23
<i>Sphoeroides maculatus</i>	Northern puffer	23
<i>Diplodus vulgaris</i>	Common two-banded seabream	22
<i>Harpadon nehereus</i>	Bombay-duck	22
<i>Diplodus annularis</i>	Annular seabream	21
<i>Diplodus argenteus argenteus</i>	South American silver porgy	21
<i>Saurida tumbil</i>	Greater lizardfish	21
<i>Saurida undosquamis</i>	Brushtooth lizardfish	21
<i>Hypomesus pretiosus</i>	Surf smelt	20
<i>Leiostomus xanthurus</i>	Spot croaker	20
<i>Diplophos maderensis</i>	Diplophos maderensis	19
<i>Lactarius lactarius</i>	False trevally	19
<i>Peprilus alepidotus</i>	Harvestfish	19
<i>Peprilus triacanthus</i>	American butterfish	19
<i>Pellona ditchela</i>	Indian pellona	18
<i>Leucoraja erinacea</i>	Little skate	17
<i>Leucoraja garmani</i>	Freckled skate	17
<i>Meuschenia scaber</i>	Velvet leatherjacket	17
<i>Diplectrum formosum</i>	Sand seabass	16
<i>Decapterus maruadsi</i>	Japanese scad	15
<i>Decapterus russelli</i>	Indian scad	15
<i>Selar crumenophthalmus</i>	Bigeye scad	15
<i>Ciliata mustela</i>	Fivebeard rockling	14
<i>Anodontostoma chacunda</i>	Chacunda gizzard shad	10
<i>Apogon pseudomaculatus</i>	Twospot cardinalfish	10
<i>Astronesthes micropogon</i>	Astronesthes micropogon	10
<i>Bregmaceros mccllellandi</i>	Spotted codlet	10
<i>Centrobranchus nigroocellatus</i>	Roundnose lanternfish	10
<i>Dussumieria acuta</i>	Rainbow sardine	10
<i>Dussumieria elopsoides</i>	Slender rainbow sardine	10
<i>Ectreposebastes imus</i>	Midwater scorpionfish	10
<i>Gonostoma atlanticum</i>	Atlantic fangjaw	10
<i>Hilsa kelee</i>	Kelee shad	10
<i>Menidia menidia</i>	Atlantic silverside	10
<i>Symbolophorus veranyi</i>	Large scale lantern fish	10
<i>Taaningichthys minimus</i>	Taaningichthys minimus	10
<i>Uncisudis longirostra</i>	Uncisudis longirostra	10
