

VAL KELLS
Marine Science Illustration
4257 Ballards Mill Road - Free Union - VA - 22940
www.valkellsillustration.com
valsgottafish@gmail.com

STOCK ILLUSTRATION LIST
FRESHWATER and SALTWATER FISHES
(c) Val Kells–November, 2019

Eastern Atlantic and Gulf of Mexico: brackish and saltwater fishes
Subject to change. New illustrations added weekly.

Atlantic hagfish, *Myxine glutinosa*
Sea lamprey, *Petromyzon marinus*
Deepwater chimaera, *Hydrolagus affinis*
Atlantic spearnose chimaera, *Rhinochimaera atlantica*
Nurse shark, *Ginglymostoma cirratum*
Whale shark, *Rhincodon typus*
Sand tiger, *Carcharias taurus*
Ragged-tooth shark, *Odontaspis ferox*
Crocodile Shark, *Pseudocarcharias kamoharai*
Thresher shark, *Alopias vulpinus*
Bigeye thresher, *Alopias superciliosus*
Basking shark, *Cetorhinus maximus*
White shark, *Carcharodon carcharias*
Shortfin mako, *Isurus oxyrinchus*
Longfin mako, *Isurus paucus*
Porbeagle, *Lamna nasus*
Freckled Shark, *Scyliorhinus haeckelii*
Marbled catshark, *Galeus arae*
Chain dogfish, *Scyliorhinus retifer*
Smooth dogfish, *Mustelus canis*
Smalleye Smoothhound, *Mustelus higmani*
Dwarf Smoothhound, *Mustelus minicanis*
Florida smoothhound, *Mustelus norrisi*
Gulf Smoothhound, *Mustelus sinusmexicanus*
Blacknose shark, *Carcharhinus acronotus*

Bignose shark, *Carcharhinus altimus*
 Narrowtooth Shark, *Carcharhinus brachyurus*
 Spinner shark, *Carcharhinus brevipinna*
 Silky shark, *Carcharhinus faiformis*
 Finetooth shark, *Carcharhinus isodon*
 Galapagos Shark, *Carcharhinus galapagensis*
 Bull shark, *Carcharhinus leucus*
 Blacktip shark, *Carcharhinus limbatus*
 Oceanic whitetip shark, *Carcharhinus longimanus*
 Dusky shark, *Carcharhinus obscurus*
 Reef shark, *Carcharhinus perezii*
 Sandbar shark, *Carcharhinus plumbeus*
 Smalltail shark, *Carcharhinus porosus*
 Night Shark, *Carcharhinus signatus*
 Tiger shark, *Galeocerdo cuvier*
 Daggernose Shark, *Isogomphodon oxyrhynchus*
 Lemon shark, *Negaprion brevirostris*
 Blue shark, *Prionace glauca*
 Brazilian Sharpnose Shark, *Rhizoprionodon lalandii*
 Caribbean Sharpnose Shark, *Rhizoprionodon porosus*
 Atlantic sharpnose shark, *Rhizoprionodon terraenovae*
 Scalloped hammerhead, *Sphyrna lewini* + head
 Scoophead Shark, *Sphyrna media* + head
 Great hammerhead, *Sphyrna mokarran* + head
 Bonnethead, *Sphyrna tiburo* + head
 Smooth hammerhead, *Sphyrna zygaena* + head
 Bluntnose Sixgill Shark, *Hexanchus griseus*
 Bigeye Sixgill Shark, *Hexanchus nakamurai*
 Sharpnose sevengill shark, *Heptranchias perlo*
 Bramble shark, *Echinorhinus brucus*
 Roughskin dogfish, *Cirrhigaleus asper*
 Spiny dogfish, *Squalus acanthias*
 Cuban dogfish, *Squalus cubensis*
 Shortspine dogfish, *Squalus mitsukurii*
 Gulper shark, *Centrophorus granulosus*
 Black dogfish, *Centroscyllium fabricii*
 Broadband lantern shark, *Etmopterus gracilispinis*
 Portuguese shark, *Centroscymnus coelolepis*

Greenland shark, *Somniosus microcephalus*
Kitefin shark, *Dalatias licha*
Cookiecutter Shark, *Isistius brasiliensis*
Atlantic angel shark, *Squatina dumeril*
Disparate Angel Shark, *Squatina heteroptera*
Mexican Angel Shark, *Squatina mexicana*
Atlantic torpedo, *Torpedo nobiliana*
Florida Torpedo, *Torpedo andersoni*
Brownband Numbfish, *Diplobatis guamachensis*
Variegated Electric Ray, *Diplobatis pictus*
Lesser electric ray, *Narcine bancroftii*
Smalltooth sawfish, *Pristis pectinata*
Largetooth sawfish, *Pristis pristis*
Brazilian Guitarfish, *Rhinobatos horkelii*
Atlantic guitarfish, *Rhinobatos lentiginosus*
Chola Guitarfish, *Rhinobatos percellens*
Thorny skate, *Amblyraja radiata*
Clark's fingerskate, *Dactylobatus clarkii*
Barndoor skate, *Dipturus laevis*
Spreadfin skate, *Dipturus olsenii*
Prickly brown ray, *Dipturus teevani*
Underworld window skate, *Fenestraja plutonia*
Gulf Window skate, *Fenestraja sinusmexicanus*
Little skate, *Leucoraja erinacea*
Rosette skate, *Leucoraja garmani*
Freckled skate, *Leucoraja lentiginosa*
Winter skate, *Leucoraja ocellata*
Smooth skate, *Malacoraja senta*
Finspot Skate, *Raja cervigoni*
Clearnose skate, *Raja eglanteria*
Roundel skate, *Raja texana*
Yellow stingray, *Urobatis jamaicensis*
Smalleye Round Ray, *Urotrygon microphthalmum*
Venezuelan Round Ray, *Urotrygon venezuelae*
Southern stingray, *Dasyatis americana*, *Hypanus americana*
Roughtail stingray, *Dasyatis centroura*, *Bathytoshia centroura*
Atlantic stingray, *Dasyatis sabina*, *Hypanus sabina*
Bluntnose stingray, *Dasyatis say*, *Hypanus say*

Sharpsnout Stingray, *Fontitrygon geijskesi*
Caribbean Whiptail Stingray, *Himantura schmardae*
Pelagic stingray, *Pteroplatytrygon violacea*
Spiny butterfly ray, *Gymnura altavela*
Smooth butterfly ray, *Gymnura micrura*
Spotted eagle ray, *Aetobatus narinari*
Bullnose ray, *Myliobatis freminvillei*
Southern eagle ray, *Myliobatis goodei*
Cownose ray, *Rhinoptera bonasus*
Ticon Cownose Ray, *Rhinoptera brasiliensis*
Giant manta, *Manta birostris*
Devil ray, *Mobula hypostoma*
Sicklefin Devil Ray, *Mobula tarapacana*
Shortnose sturgeon, *Acipenser brevirostrum*
Atlantic sturgeon, *Acipenser oxyrinchus*
Alligator gar, *Atractosteus spatula*
Longnose gar, *Lepisosteus osseus*
Ladyfish, *Elops saurus*
Southern Ladyfish, *Elops smithi*
Tarpon, *Megalops atlanticus*
Threadfin (Shafted) Bonefish, *Albula nemoptera*
Bonefish, *Albula vulpes*
Bonefish variant
American eel, *Anguilla rostrata*
Caribbean Mud Eel, *Pythonichthys sanguineus*
Spaghetti Eel, *Moringua edwardsi*
Seagrass Eel, *Chilorhinus suensonii*
Bicolor Eel, *Chlopsis bicolor*
Mottled False Moray, *Chlopsis dentatus*
False Moray, *Kaupichthys hyoprroides*
Collared Eel, *Kaupichthys nuchalis*
Pygmy Moray, *Anarchias similis*
Broadbanded Moray, *Channomuraena vittata*
Chain moray, *Echidna catenata*
Fangtooth Moray, *Enchelycore anatina*
Chestnut moray, *Enchelycore carychroa*
Viper moray, *Enchelycore nigricans*
Saddled Moray, *Gymnothorax conspersus*

Green moray, *Gymnothorax funebris*
Lichen Moray, *Gymnothorax hubbsi*
Blacktail moray, *Gymnothorax kolpos*
Goldentail moray, *Gymnothorax miliaris* + pale head
Spotted moray, *Gymnothorax moringa*
Blackedge moray, *Gymnothorax nigromarginatus*
Ocellated Moray, *Gymnothorax ocellatus*
Polygon Moray, *Gymnothorax polygonius*
Honeycomb moray, *Gymnothorax saxicola*
Purplemouth moray, *Gymnothorax vicinus*
Purplemouth Moray, *Gymnothorax vicinus*
Redface Eel, *Monopenchelys acuta*
Whitespotted Moray, *Muraena pavonina*
Reticulate moray, *Muraena retifera*
Stout Moray, *Muraena robusta*
Marbled Moray, *Uropterygius macularius*
Shortbelly Eel, *Dysomma anguillare*
Tusky Eel, *Aplatophis chauliodus*
Stripe Eel, *Aprognathodon platyventris*
Academy Eel, *Apterichtus ansp*
Sooty Eel, *Bascanichthys bascanium*
Twostripe Snake Eel, *Callechelys bilinearis*
Shorttail Snake Eel, *Callechelys guineensis*
Slantlip Eel, *Caralophia loxochila*
Spotted spoon-nose eel, *Echiophis intertinctus*
Snapper Eel, *Echiophis punctifer*
Surf Eel, *Ichthyapus ophioneus*
Sharptail Eel, *Myrichthys breviceps*
Goldspotted Eel, *Myrichthys ocellatus*
Broadnose Worm Eel, *Myrophis platyrhynchus*
Speckled worm eel, *Myrophis punctatus*
Goldspotted eel, *Myrichthys ocellatus*
Shrimp eel, *Ophichthus gomesii*
Faintsaddled Snake Eel, *Ophichthus hyposagmatus*
Spotted Snake Eel, *Ophichthus ophis*
Palespotted eel, *Ophichthus puncticeps*
King Snake Eel, *Ophichthus rex*
Blackspotted Snake Eel, *Quassiremus ascensionis*

Bandtooth conger, *Ariosoma balearicum*
Bullish Conger, *Bathycongrus bullisi*
Gray Conger, *Conger esculentus*
Conger eel, *Conger oceanicus*
Manytooth Conger, *Conger triporiceps*
Girrafe Spotted Garden Eel, *Heteroconger camelopardalis*
Brown Garden Eel, *Heteroconger longissimus*
Margintail Conger, *Paraconger caudilimbatus*
Splendid Conger, *Pseudophichthys splendens*
Yellow conger, *Rynchoconger flavus*
Threadtail Conger, *Uroconger syringinus*
Freckled Pike Conger, *Hoplunnis macrura*
Blackfin Sorcerer, *Nettastoma melanurum*
Dogtooth Herring, *Chirocentrodon bleekerianus*
Caribbean Longfin Herring, *Odontognathus compressus*
Guiana Longfin Herring, *Odontognathus mucronatus*
American Coastal Pelona, *Pellona harroweri*
Key Anchovy, *Anchoa cayorum*
Narrowstripe Anchovy, *Anchoa colonensis*
Striped anchovy, *Anchoa hepsetus*
Bigeye Anchovy, *Anchoa lamprotaenia*
Spicule anchovy, *Anchoa spinifer*
Zabaleta Anchovy, *Anchovia clupeioides*
Broadband Anchovy, *Anchoviella lepidentostole*
Flat Anchovy, *Anchoviella perfasciata*
Dusky anchovy, *Anchoa lyolepis*
Bay anchovy, *Anchoa mitchilli*
Little Anchovy, *Anchoa parva*
Atlantic Anchoveta, *Cetengraulis edentulus*
Silver anchovy, *Engraulis eurystole*
American Sabretooth Anchovy, *Lycengraulis grossidens*
Blueback herring, *Alosa aestivalis*
Alabama shad, *Alosa alabamae*
Skipjack herring, *Alosa chrysochloris*
Hickory shad, *Alosa mediocris*
Alewife, *Alosa pseudoharengus*
American Shad, *Alosa sapidissima*
Finescale menhaden, *Brevoortia gunteri*

Gulf menhaden, *Brevoortia patronus*
Yellowfin menhaden, *Brevoortia smithi*
Atlantic menhaden, *Brevoortia tyrannus*
Atlantic herring, *Clupea harengus*
Gizzard shad, *Dorosoma cepedianum*
Threadfin shad, *Dorosoma petenense*
Round herring, *Etrumeus teres*
False pilchard, *Harengula clupeola*
Redear Herring, *Harengula humeralis*
Scaled sardine, *Harengula jaguana*
Dwarf herring, *Jenkinsia lamprotaenia*
Shortband Herring, *Jenkinsia stolifera*
Atlantic Pitiquinga, *Lile piquitinga*
Atlantic thread herring, *Opisthonema oglinum*
Spanish sardine, *Sardinella aurita*
Sevenbarbed Banjo, *Aspredinichthys filamentosus*
Cocosoda Catfish, *Pseudauchenipterus nodosus*
Hardhead catfish, *Ariopsis felis*
Coco Sea Catfish, *Bagre bagre*
Gaftopsail catfish, *Bagre marinus*
Thomas Sea Catfish, *Notarius grandicassis*
Pemecou Sea Catfish, *Sciades herzbergii*
Crucifix Sea Catfish, *Sciades proops*
Striated Argentine, *Argentina striata*
Atlantic argentine, *Argentina silus*
Capelin, *Mallotus villosus*
Rainbow smelt, *Osmerus mordax*
Atlantic salmon, *Salmo salar*
Yellowfin aulopus, *Aulopus filamentosus*
Largescale lizardfish, *Saurida brasiliensis*
Smallscale Lizardfish, *Saurida caribbaea*
Shortjaw lizardfish, *Saurida normani*
Inshore lizardfish, *Synodus foetens*
Sand diver, *Synodus intermedius*
Offshore Lizardfish, *Synodus poeyi*
Bluestripe Lizardfish, *Synodus saurus*
Red lizardfish, *Synodus synodus*
Snakefish, *Trachinocephalus myops*

Shortnose greeneye, *Chlorophthalmus agassizi*
 Longnose lancetfish, *Alepisaurus ferox*
 Opah, *Lampris guttatus*
 Crestfish, *Lophotus lacepede*
 Polka-dot ribbonfish, *Desmodema polystictum*
 Oarfish, *Regalecus glesne*
 Beardfish, *Polymixia lowei*
 Stout Beardfish, *Polymixia nobilis*
 Marlin-spike, *Nezumia bairdii*
 Offshore hake, *Merluccius albidus*
 Silver hake, *Merluccius bilinearis*
 Fourbeard rockling, *Enchelyopus cimbrius*
 Antenna Codlet, *Bregmaceros atlanticus*
 Shortbeard Codling, *Laemonema barbatulum*
 Offshore Hake, *Merluccius albidus*
 Luminous Hake, *Steindachneria argentea*
 Red hake, *Urophycis chuss*
 Gulf hake, *Urophycis cirrata*
 Carolina hake, *Urophycis earllii*
 Southern hake, *Urophycis floridana*
 Spotted hake, *Urophycis regia*
 Cusk, *Brosme brosme*
 Atlantic cod, *Gadus morhua*
 Haddock, *Melanogrammus aeglefinus*
 Atlantic tomcod, *Microgadus tomcod*
 Pollock, *Pollachius virens*
 Pearlfish, *Carapus bermudensis*
 Atlantic bearded brotula, *Brotula barbata*
 Blackedge cusk-eel, *Lepophidium brevibarbe*
 Mottled cusk-eel, *Lepophidium jeannae*
 Fawn cusk-eel, *Lepophidium profundorum*
 Upsilon Cusk-eel, *Lepophidium pheromystax*
 Stripefin brotula, *Neobythites marginatus*
 Blotched cusk-eel, *Ophidion grayi*
 Bank cusk-eel, *Ophidion holbrookii*
 Crested cusk-eel, *Ophidion josephi* male + female
 Striped cusk-eel, *Ophidion marginatum* male + female
 Sleeper cusk-eel, *Otophidium dormitator*

Polka-dot cusk-eel, *Otophidium omostigma*
Dusky Cusk-eel, *Parophidion schmidti*
Redfin Brotula, *Petrotyx sanguineus*
Reef-cave brotula, *Grammonus claudei*
Cave Brotula, *Lucifuga spelaeotes*
Boehlke's Brotula, *Ogilbia boehlkei*
Key Brotula, *Ogilbia cayorum*
William's Brotula, *Ogilbia jeffwilliamsi*
Sabaj's Brotula, *Ogilbia sabaji*
Kakuk's Brotula, *Ogilbichthys kakuki*
Gold brotula, *Gunterichthys longipenis*
Black brotula, *Stygnobrotula latebricola*
Bocon Toadfish, *Amphichthys cryptocentrus*
Large-eye Toadfish, *Batrachoides gilberti*
Cotuero Toadfish, *Batrachoides manglae*
Gulf toadfish, *Opsanus beta*
Leopard toadfish, *Opsanus pardus*
Scarecrow Toadfish, *Opsanus phobetron*
Ocellated Toadfish, *Porichthys oculo-frenum*
Few-rayed Toadfish, *Porichthys pauciradiatus*
Oyster toadfish, *Opsanus tau*
Atlantic midshipman, *Porichthys plectrodon*
Whitespotted Toadfish, *Sanopus astrifer*
Bearded Toadfish, *Sanopus barbatus*
Whitelined Toadfish, *Sanopus greenfieldorum*
Reticulate Toadfish, *Sanopus reticulatus*
Splendid Toadfish, *Sanopus splendidus*
Cano Toadfish, *Thalassophryne maculosa*
Big-eyed Toadfish, *Thalassophryne megalops*
Copper Joe Toadfish, *Thalassophryne nattereri*
Glover's Toadfish, *Vladichthys gloverensis*
Goosefish, *Lophius americanus*
Reticulated Goosefish, *Lophiodes reticulatus*
Island Frogfish, *Antennarius bermudensis*
Longlure frogfish, *Antennarius multiocellatus*
Ocellated frogfish, *Antennarius ocellatus*
Dwarf frogfish, *Antennarius pauciradiatus*
Singlespot frogfish, *Antennarius radiosus*

Striated frogfish, *Antennarius striatus* black + banded
Sargassumfish, *Histrio histrio*
Atlantic batfish, *Dibranchius atlanticus*
Pancake batfish, *Halieutichthys aculeatus*
Caribbean Batfish, *Halieutichthys caribbaeus*
Grotesque Batfish, *Malthopsis gnoma*
Longnose batfish, *Ogcocephalus corniger*
Polka-dot batfish, *Ogcocephalus cubifrons*
Slantbrow batfish, *Ogcocephalus declivirostris*
Shortnose batfish, *Ogcocephalus nasutus*
Spotted batfish, *Ogcocephalus pantostictus*
Roughback batfish, *Ogcocephalus parvus*
Tricorn batfish, *Zalieutes mcgintyi*
Mountain mullet, *Agonostomus monticola*
Bobo Mullet, *Joturus pichardi*
Striped mullet, *Mugil cephalus*
White mullet, *Mugil curema*
Dwarf Mullet, *Mugil curvidens*
Hospe Mullet, *Mugil hospes*
Parassi Mullet, *Mugil incilis*
Liza, *Mugil liza*
Longtail Mullet, *Mugil longicauda*
Fantail mullet, *Mugil trichodon*
Redeye Mullet, *Mugil rubrioculus*
Robust Silverside, *Atherinella brasiliensis*
Chargres Silverside, *Atherinella chagresi*
Miller's Silverside, *Atherinella milleri*
Querimana Silverside, *Melanorhinus microps*
Rough silverside, *Membras martinica*
Inland silverside, *Menidia beryllina*
Atlantic silverside, *Menidia menidia*
Tidewater silverside, *Menidia peninsulae*
Hardhead silverside, *Atherinomorus stipes*
Reef silverside, *Hypoatherina harringtonensis*
Margined flyingfish, *Cheilopogon cyanopterus*
Bandwing flyingfish, *Cheilopogon exsiliens*
Spotfin Flyingfish, *Cheilopogon furcatus*
Atlantic flyingfish, *Cheilopogon melanurus*

Clearwing flyingfish, *Cypselurus comatus*
 Oceanic two-wing flyingfish, *Exocoetus obtusirostris*
 Tropical two-wing flyingfish, *Exocoetus volitans*
 Fourwing flyingfish, *Hirundichthys affinis*
 Blackwing flyingfish, *Hirundichthys rondeletii*
 Mirrorwing Flyingfish, *Hirundichthys speculiger*
 Smallwing flyingfish, *Oxyporhamphus micropterus similis*
 Sailfin flyingfish, *Parexocoetus hillianus*
 Hardhead halfbeak, *Chriodorus atherinoides*
 Flying halfbeak, *Euleptorhamphus velox*
 Balao, *Hemiramphus balao*
 Ballyhoo, *Hemiramphus brasiliensis*
 Bermuda Halfbeak, *Hemiramphus bermudensis*
 Bermuda Silverstripe Halfbeak, *Hyporhamphus collettei*
 Slender Halfbeak, *Hyporhamphus roberti*
 False silverstripe halfbeak, *Hyporhamphus meeki*
 Atlantic silverstripe halfbeak, *Hyporhamphus unifasciatus*
 Flat needlefish, *Ablennes hians*
 Keeltail needlefish, *Platybelone argalus*
 Atlantic needlefish, *Strongylura marina*
 Redfin needlefish, *Strongylura notata*
 Timucu, *Strongylura timucu*
 Atlantic agujon, *Tylosurus acus*
 Houndfish, *Tylosurus crocodilus*
 Atlantic saury, *Scomberesox saurus*
 Giant Rivulus, *Anablepsoides hartii* male + female
 Mangrove rivulus, *Kryptolebias marmoratus*
 Diamond killifish, *Adinia xenica* male + female
 Gulf killifish, *Fundulus grandis*
 Mummichog, *Fundulus heteroclitus* male + female
 Saltmarsh topminnow, *Fundulus jenkinsi*
 Spotfin killifish, *Fundulus luciae*
 Striped killifish, *Fundulus majalis* male + female
 Bayou killifish, *Fundulus pulvereus*
 Longnose killifish, *Fundulus similis*
 Rainwater killifish, *Lucania parva* male + female
 Sheepshead minnow, *Cyprinodon variegatus* male + female
 Goldspotted killifish, *Floridichthys carpio*

Yucatan Flagfish, <i>Garmanella pulchra</i>	male + female
Fine-scale Four-eyed Fish, <i>Anableps microlepis</i>	
Pike killifish, <i>Belonesox belizanus</i>	
Least killifish, <i>Heterandria formosa</i>	male + female
Western mosquitofish, <i>Gambusia affinis</i>	male + female
Eastern mosquitofish, <i>Gambusia holbrooki</i>	male + female
Sleek Mosquitofish, <i>Gambusia luma</i>	male + female
Bahama Gambusia, <i>Gambusia manni</i>	male + female
Cuban Gambusia, <i>Gambusia punctata</i>	male + female
Mangrove gambusia, <i>Gambusia rhizophorae</i>	male + female
Caribbean Gambusia, <i>Gambusia puncticulata</i>	male + female
Mangrove Gambusia, <i>Gambusia rhizophorae</i>	male + female
Molly, <i>Poecilia gillii</i>	male
Sailfin molly, <i>Poecilia latipinna</i>	male + female
Mangrove Molly, <i>Poecilia orri</i>	male + female
Shortfin molly, <i>Poecilia mexicana</i>	male
Guppy, <i>Poecilia reticulata</i>	male + female
Island Molly, <i>Poecilia vandepolli</i>	male + female
Cuban Limia, <i>Poecillia vittata</i>	male + female
Southern Molly, <i>Poecilia vivipara</i>	male + female
Atlantic Flashlightfish, <i>Kryptophanaron alfredi</i>	
Big roughy, <i>Gephyroberyx darwinii</i>	
Silver roughy, <i>Hoplostethus mediterraneus</i>	
Splendid alfonsino, <i>Beryx splendens</i>	
Spinycheek soldierfish, <i>Corniger spinosus</i>	
Squirrelfish, <i>Holocentrus adscensionis</i>	
Longspine squirrelfish, <i>Holocentrus rufus</i>	
Blackbar soldierfish, <i>Myripristis jacobus</i>	
Longjaw squirrelfish, <i>Neoniphon marianus</i>	
Bigeye soldierfish, <i>Ostichthys trachypoma</i>	
Cardinal soldierfish, <i>Plectrypops retrospinis</i>	
Deepwater squirrelfish, <i>Sargocentron bullisi</i>	
Reef squirrelfish, <i>Sargocentron coruscum</i>	
Dusky squirrelfish, <i>Sargocentron vexillarium</i>	
Saddle Squirrelfish, <i>Sargocentron poco</i>	
Thorny tinsselfish, <i>Grammicolepis brachiusculus</i>	
Spotted tinsselfish, <i>Xenolepidichthys dalgleishi</i>	
Red dory, <i>Cyttopsis rosea</i>	

Buckler dory, <i>Zenopsis conchifera</i>	adult + juv.
Fourspine stickleback, <i>Apeltes quadracus</i>	
Threespine stickleback, <i>Gasterosteus aculeatus</i>	green + black
Blackspotted stickleback, <i>Gasterosteus wheatlandi</i>	
Ninespine stickleback, <i>Pungitius pungitius</i>	
Pipehorse, <i>Amphelikturus dendriticus</i>	
Lined seahorse, <i>Hippocampus erectus</i>	
Longsnout seahorse, <i>Hippocampus reidi</i>	
Dwarf seahorse, <i>Hippocampus zosterae</i>	
Fringed pipefish, <i>Anarchopterus criniger</i>	
Insular pipefish, <i>Anarchopterus tectus</i>	
Pugnose pipefish, <i>Bryx dunckeri</i>	
Ocellated Pipefish, <i>Bryx randalli</i>	
Whitenose pipefish, <i>Cosmocampus albirostris</i>	
Crested pipefish, <i>Cosmocampus brachycephalus</i>	
Shortfin pipefish, <i>Cosmocampus elucens</i>	two male variants
Banded pipefish, <i>Halicampus crinitus</i>	two male variants
Opossum pipefish, <i>Microphis brachyurus lineatus</i>	
Freshwater Pipefish, <i>Pseudophallus mindii</i>	
Caribbean Pipefish, <i>Syngnathus caribbaeus</i>	
Antillean Pipefish, <i>Syngnathus dawsoni</i>	
Dusky pipefish, <i>Syngnathus floridae</i>	
Northern pipefish, <i>Syngnathus fuscus</i>	
Chain pipefish, <i>Syngnathus louisianae</i>	
Sargassum pipefish, <i>Syngnathus pelagicus</i>	
Gulf pipefish, <i>Syngnathus scovelli</i>	male + female
Atlantic trumpetfish, <i>Aulostomus maculatus</i>	pale + dark
Red cornetfish, <i>Fistularia petimba</i>	
Bluespotted cornetfish, <i>Fistularia tabacaria</i>	
Slender snipefish, <i>Macrorhamphosus gracilis</i>	
Longspine snipefish, <i>Macrorhamphosus scolopax</i>	
Flying gurnard, <i>Dactylopterus volitans</i>	
Blackbelly rosefish, <i>Helicolenus dactylopterus</i>	
Spotwing Scorpionfish, <i>Neomerinthe beanorum</i>	
Spinycheek scorpionfish, <i>Neomerinthe hemingwayi</i>	
Short-tube Scorpionfish, <i>Phenacoscorpius nebris</i>	
Spinythroat Scorpionfish, <i>Pontinus nematophthalmus</i>	
Longspine scorpionfish, <i>Pontinus longispinis</i>	

Highfin scorpionfish, *Pontinus rathbuni*
 Red lionfish, *Pterois volitans*
 Longfin Scorpionfish, *Scorpaena agassizii*
 Coral scorpionfish, *Scorpaena albifimbria*
 Goosehead scorpionfish, *Scorpaena bergi*
 Shortfin Scorpionfish, *Scorpaena brachyptera*
 Barbfish, *Scorpaena brasiliensis*
 Hunchback Scorpionfish, *Scorpaena dispar*
 Plumed scorpionfish, *Scorpaena grandicornis*
 Mushroom scorpionfish, *Scorpaena inermis* + eye detail
 Spotted scorpionfish, *Scorpaena plumieri* + fin underside
 Reef scorpionfish, *Scorpaenodes caribbaeus*
 Deepreef scorpionfish, *Scorpaenodes tredecimspinosus*
 Acadian redfish, *Sebastes fasciatus*
 Golden redfish, *Sebastes norvegicus*
 Shortfin Searobin, *Bellator brachyichir* male
 Streamer Searobin, *Bellator egretta* male
 Horned searobin, *Bellator militaris*
 Spiny searobin, *Prionotus alatus*
 Bean's Searobin, *Prionotus beanii*
 Northern searobin, *Prionotus carolinus*
 Striped searobin, *Prionotus evolans*
 Bandtail searobin, *Prionotus ophryas*
 Bluewing Searobin, *Prionotus punctatus*
 Bluespotted searobin, *Prionotus roseus*
 Blackwing searobin, *Prionotus rubio*
 Leopard searobin, *Prionotus scitulus*
 Shortwing searobin, *Prionotus stearnsi*
 Bighead searobin, *Prionotus tribulus*
 Slender searobin, *Peristedion gracile*
 Flathead Armored Searobin, *Peristedion brevirostre*
 Widehead Armored Searobin, *Peristedion longispatha*
 Armored searobin, *Peristedion miniatum*
 Remspine searobin, *Peristedion thompsoni*
 Atlantic hookear sculpin, *Artediellus atlanticus*
 Arctic staghorn sculpin, *Gymnocanthus tricuspis*
 Grubby, *Myoxocephalus aeneus*
 Longhorn sculpin, *Myoxocephalus octodecimspinosus*

Shorthorn sculpin, *Myoxocephalus scorpius*
 Moustache sculpin, *Triglops murrayi*
 Sea raven, *Hemitripterus americanus*
 Alligatorfish, *Aspidophoroides monopterygius*
 Polar sculpin, *Cottunculus microps*
 Lumpfish, *Cyclopterus lumpus*
 Atlantic spiny lumpsucker, *Eumicrotremus spinosus*
 Atlantic seasnail, *Liparis atlanticus*
 Gulf snailfish, *Liparis coheni*
 Inquiline snailfish, *Liparis inquilineus*
 Swordspine snook, *Centropomus ensiferus*
 Largescale Fat Snook, *Centropomus mexicanus*
 Smallscale fat snook, *Centropomus parallelus*
 Tarpon snook, *Centropomus pectinatus*
 Mexican Snook, *Centropomus poeyi*
 Common snook, *Centropomus undecimalis*
 White perch, *Morone americana*
 Striped bass, *Morone saxatilis*
 Blackmouth Bass, *Synagrops bellus*
 Slope Bass, *Symphysanodon berryi*
 Insular Bunquelovely, *Symphysanodon octoactinus* male
 Wreckfish, *Polyprion americanus*
 Mutton hamlet, *Alphesthes afer*
 Yellowfin bass, *Anthias nicholsi*
 Threadnose bass, *Anthias tenuis*
 Bank sea bass, *Centropristis ocyurus*
 Rock sea bass, *Centropristis philadelphia*
 Black sea bass, *Centropristis striata*
 Graysby, *Cephalopholis cruentata*
 Coney, *Cephalopholis fulva* shallow, mid, deep
 Marbled grouper, *Dermatolepis inermis* + juvenile
 Dwarf sand perch, *Diplectrum bivittatum*
 Sand perch, *Diplectrum formosum*
 Aquavina, *Diplectrum radiale*
 Rock hind, *Epinephelus adscensionis*
 Speckled hind, *Epinephelus drummondhayi* + juvenile
 Yellowedge grouper, *Epinephelus flavolimbatus*
 Red hind, *Epinephelus guttatus*

Goliath grouper, <i>Epinephelus itajara</i>	+ juvenile
Red grouper, <i>Epinephelus morio</i>	
Misty grouper, <i>Epinephelus mystacinus</i>	+ juvenile
Warsaw grouper, <i>Epinephelus nigritus</i>	
Snowy grouper, <i>Epinephelus niveatus</i>	+ juvenile
Nassau grouper, <i>Epinephelus striatus</i>	
Spanish flag, <i>Gonioplectrus hispanus</i>	
Longtail Bass, <i>Hemanthias leptus</i>	
Streamer bass, <i>Hemanthias aureorubens</i>	
Longtail bass, <i>Hemanthias leptus</i>	
Red barbier, <i>Hemanthias vivanus</i>	
Yellowbelly hamlet, <i>Hypoplectrus aberrans</i>	
Yellowtail hamlet, <i>Hypoplectrus chlorurus</i>	
Blue hamlet, <i>Hypoplectrus gemma</i>	
Golden hamlet, <i>Hypoplectrus gummigutta</i>	
Shy hamlet, <i>Hypoplectrus guttavarius</i>	
Indigo hamlet, <i>Hypoplectrus indigo</i>	
Bicolor Hamlet, <i>Hypoplectrus maculiferus</i>	
Black hamlet, <i>Hypoplectrus nigricans</i>	
Masked Hamlet, <i>Hypoplectrus providencianus</i>	
Barred hamlet, <i>Hypoplectrus puella</i>	
Butter hamlet, <i>Hypoplectrus unicolor</i>	
Tan hamlet, <i>Hypoplectrus</i> sp.	
Bladefin Bass, <i>Jeboehlkia gladifer</i>	
Eyestripe Bass, <i>Liopropoma aberrans</i>	
Candy basslet, <i>Liopropoma carmabi</i>	
Wrasse basslet, <i>Liopropoma eukrines</i>	
Cave basslet, <i>Liopropoma mowbrayi</i>	
Yellow-spotted Basslet, <i>Liopropoma olneyi</i>	
Peppermint basslet, <i>Liopropoma rubre</i>	
Western comb grouper, <i>Mycteroperca acutirostris</i>	
Black grouper, <i>Mycteroperca bonaci</i>	
Venezuelan Grouper, <i>Mycteroperca cidi</i>	
Yellowmouth grouper, <i>Mycteroperca interstitialis</i>	
Gag, <i>Mycteroperca microlepis</i>	
Scamp, <i>Mycteroperca phenax</i>	
Tiger grouper, <i>Mycteroperca tigris</i>	
Yellowfin grouper, <i>Mycteroperca venenosa</i>	pale + dark

Vieja Parrot Rock-bass, *Paralabrax dewegeri*
Atlantic creolefish, *Paranthias furcifer*
Bantam Bass, *Parasphyraenops incisus*
Apricot bass, *Plectranthias garrupellus*
Roughtongue bass, *Pronotogrammus martinicensis*
Reef bass, *Pseudogramma gregoryi*
Freckled soapfish, *Rypticus bistrispinus*
Slope Soapfish, *Rypticus carpenteri*
Whitespotted soapfish, *Rypticus maculatus*
Randall's Soapfish, *Rypticus randalli*
Greater soapfish, *Rypticus saponaceus*
Spotted soapfish, *Rypticus subbifrenatus*
School bass, *Schultzea beta*
Pygmy sea bass, *Serraniculus pumilio*
Orangeback bass, *Serranus annularis*
Blackear bass, *Serranus atrobranchus*
Lantern bass, *Serranus baldwini*
Snow bass, *Serranus chionaraia*
Twinspot Bass, *Serranus flaviventris*
Two Spot Bass, *Serranus fuscus*
Crosshatch Bass, *Serranus lucioperanus*
Saddle Bass, *Serranus notospilus*
Tattler, *Serranus phoebe*
Belted sandfish, *Serranus subligarius*
Tobaccofish, *Serranus tabacarius* pale + dark
Harlequin bass, *Serranus tigrinus*
Chalk bass, *Serranus tortugarum*
Cuban Gramma, *Gramma dejongi*
Yellowcheek Basslet, *Gramma linki*
Fairy basslet, *Gramma loreto*
Blackcap Basslet, *Gramma melacara*
Blue-spotted Basslet, *Lipogramma barrettorum*
Banded Basslet, *Lipogramma evides*
Yellow Basslet, *Lipogramma flavescens*
Bicolor Basslet, *Lipogramma klayi*
Threeline basslet, *Lipogramma trilineatum*
Higman's Jawfish, *Lonchopisthus higmani*
Swordtail jawfish, *Lonchopisthus micrognathus*

Yellowhead jawfish, *Opistognathus aurifrons*
Yellow Jawfish, *Opistognathus gilberti*
Moustache jawfish, *Opistognathus lonchurus*
Banded jawfish, *Opistognathus macrognathus*
Mottled jawfish, *Opistognathus maxillosus*
Spotfin jawfish, *Opistognathus robinsi*
Dark Spotted Jawfish, *Opistognathus signatus*
Dusky jawfish, *Opistognathus whitehursti*
Bulleye, *Cookeolus japonicus*
Glasseye snapper, *Heteropriacanthus cruentatus*
Bigeye, *Priacanthus arenatus*
Short bigeye, *Pristigenys alta*
Bigtooth cardinalfish, *Apogon affinis*
Bridle cardinalfish, *Apogon aurolineatus*
Barred cardinalfish, *Apogon binotatus*
Deepwater Cardinalfish, *Apogon gouldi*
Whitestar cardinalfish, *Apogon lachneri*
Slendertail cardinalfish, *Apogon leptocaulus*
Flamefish, *Apogon maculatus*
Dwarf Cardinalfish, *Apogon mosavi*
Mimic cardinalfish, *Apogon phenax*
Broadsale cardinalfish, *Apogon pillionatus*
Pale cardinalfish, *Apogon planifrons*
Twospot cardinalfish, *Apogon pseudomaculatus*
Sawcheek cardinalfish, *Apogon quadrisquamatus*
Striped Cardinalfish, *Apogon robbyi*
Broadsaddle Cardinalfish, *Apogon robinsi*
Belted cardinalfish, *Apogon townsendi*
Bronze cardinalfish, *Astrapogon alutus*
Blackfin cardinalfish, *Astrapogon puncticulatus*
Conchfish, *Astrapogon stellatus*
Freckled cardinalfish, *Phaeoptyx conklini*
Dusky cardinalfish, *Phaeoptyx pigmentaria*
Sponge cardinalfish, *Phaeoptyx xenus*
Oddscale Cardinalfish, *Zapogon evermanni*
Goldface tilefish, *Caulolatilus chrysops*
Blackline tilefish, *Caulolatilus cyanops*
Anchor tilefish, *Caulolatilus intermedius*

Blueline tilefish, <i>Caulolatilus microps</i>	
Yellow Barred Tilefish, <i>Caulolatilus williamsi</i>	
Tilefish, <i>Lopholatilus chamaeleonticeps</i>	
Sand tilefish, <i>Malacanthus plumieri</i>	
Bluefish, <i>Pomatomus saltatrix</i>	
Pompano dolphinfish, <i>Coryphaena equiselis</i>	
Dolphinfish, <i>Coryphaena hippurus</i>	male + female
Cobia, <i>Rachycentron canadum</i>	
Sharksucker, <i>Echeneis naucrates</i>	
Whitefin sharksucker, <i>Echeneis neucratoides</i>	
White suckerfish, <i>Remorina albescens</i>	
Spearfish remora, <i>Remora brachyptera</i>	pale + dark
Marlinsucker, <i>Remora osteochir</i>	
Remora, <i>Remora remora</i>	
African pompano, <i>Alectis ciliaris</i>	+ juvenile
Yellow jack, <i>Caranx bartholomaei</i>	
Blue runner, <i>Caranx crysos</i>	
Crevalle jack, <i>Caranx hippos</i>	
Horse-eye jack, <i>Caranx latus</i>	
Black jack, <i>Caranx lugubris</i>	pale + dark
Bar jack, <i>Caranx ruber</i>	pale + dark
Atlantic bumper, <i>Chloroscombrus chrysurus</i>	
Mackerel scad, <i>Decapterus macarellus</i>	
Round scad, <i>Decapterus punctatus</i>	
Redtail scad, <i>Decapterus tabl</i>	
Rainbow runner, <i>Elagatis bipinnulata</i>	
Golden Jack, <i>Gnathanodon speciosus</i>	adult + juv
Bluntnose jack, <i>Hemicaranx amblyrhynchus</i>	
Pilotfish, <i>Naucrates ductor</i>	
Maracaibo Leatherjack, <i>Oligoplites palometa</i>	
Castin Leatherjack, <i>Oligoplites saliens</i>	
Leatherjack, <i>Oligoplites saurus</i>	
White trevally, <i>Pseudocaranx dentex</i>	
Bigeye scad, <i>Selar crumenophthalmus</i>	
Caribbean Moonfish, <i>Selene brownii</i>	
Atlantic moonfish, <i>Selene setapinnis</i>	
Lookdown, <i>Selene vomer</i>	+ juvenile
Greater amberjack, <i>Seriola dumerili</i>	

Lesser amberjack, *Seriola fasciata*
 Almaco jack, *Seriola rivoliana*
 Banded ruerfish, *Seriola zonata* + juvenile
 Florida pompano, *Trachinotus carolinus*
 Permit, *Trachinotus faatus*
 Palometa, *Trachinotus goodei*
 Rough scad, *Trachurus lathami*
 Cottonmouth jack, *Uraspis secunda*
 Atlantic pomfret, *Brama brama*
 Caribbean pomfret, *Brama caribbea*
 Lowfin pomfret, *Brama dussumieri*
 Atlantic fanfish, *Pterycombus brama*
 Bigscale pomfret, *Taratichthys longipinnis*
 Crimson rover, *Erythrocles monodi*
 Black snapper, *Apsilus dentatus*
 Queen snapper, *Etelis oculatus*
 Mutton snapper, *Lutjanus analis*
 Schoolmaster, *Lutjanus apodus*
 Blackfin snapper, *Lutjanus buccanella* + juvenile
 Red snapper, *Lutjanus campechanus*
 Cubera snapper, *Lutjanus cyanopterus*
 Gray snapper, *Lutjanus griseus*
 Dog snapper, *Lutjanus jocu*
 Mahogany snapper, *Lutjanus mahogoni*
 Lane snapper, *Lutjanus synagris*
 Silk snapper, *Lutjanus vivanus*
 Yellowtail snapper, *Ocyurus chrysurus*
 Wenchman, *Pristipomoides aquilonaris*
 Cardinal Snapper, *Pristipomoides macrophthalmus*
 Slender wenchman, *Pristipomoides freemani*
 Vermilion snapper, *Rhomboplites aurorubens*
 Atlantic tripletail, *Lobotes surinamensis* + juvenile
 Irish pompano, *Diapterus auratus*
 Rhombic Mojarra, *Diapterus rhombeus*
 Spotfin mojarra, *Eucinostomus argenteus*
 Silver jenny, *Eucinostomus gula*
 Tidewater mojarra, *Eucinostomus harengulus*
 Bigeye mojarra, *Eucinostomus havana*

Slender mojarra, *Eucinostomus jonesii*
Mottled mojarra, *Eucinostomus lefroyi*
Flagfin mojarra, *Eucinostomus melanopterus*
Maracaibo Mojarra, *Eugerres awlae*
Brazilian Mojarra, *Eugerres brasiliensis*
Striped mojarra, *Eugerres plumieri*
Yellowfin mojarra, *Gerres cinereus*
Black margate, *Anisotremus surinamensis*
Porkfish, *Anisotremus virginicus*
Barred grunt, *Conodon nobilis*
Margate, *Haemulon album*
Tomtate, *Haemulon aurolineatum*
Caesar grunt, *Haemulon carbonarium*
Smallmouth grunt, *Haemulon chrysargyreum*
French grunt, *Haemulon flavolineatum*
Spanish grunt, *Haemulon macrostomum*
Cottonwick, *Haemulon melanurum*
Sailor's choice, *Haemulon parra*
White grunt, *Haemulon plumierii*
Bluestriped grunt, *Haemulon sciurus*
Striped grunt, *Haemulon striatum*
Pigfish, *Orthopristis chrysoptera*
Bonnetmouth, *Emmelichthys atlanticus*
Boga, *Inermia vittata*
Sheepshead, *Archosargus probatocephalus*
Sea bream, *Archosargus rhomboidalis*
Grass porgy, *Calamus arctifrons*
Jolthead porgy, *Calamus bajonado*
Saucereye porgy, *Calamus calamus*
Whitebone porgy, *Calamus leucosteus*
Knobbed porgy, *Calamus nodosus*
Sheepshead porgy, *Calamus penna*
Littlehead porgy, *Calamus proridens*
Silver porgy, *Diplodus argenteus*
Spottail pinfish, *Diplodus holbrookii*
Pinfish, *Lagodon rhomboides*
Red porgy, *Pagrus pagrus*
Longspine porgy, *Stenotomus caprinus*

Scup, <i>Stenotomus chrysops</i>	
Atlantic threadfin, <i>Polydactylus octonemus</i>	
Littlescale threadfin, <i>Polydactylus oligodon</i>	
Barbu, <i>Polydactylus virginicus</i>	
Silver perch, <i>Bairdiella chrysoura</i>	
Ground Croaker, <i>Bairdiella ronchus</i>	
Blue croaker, <i>Corvula batabana</i>	
Striped croaker, <i>Corvula sanctaeluciae</i>	
Sand seatrout, <i>Cynoscion arenarius</i>	
Spotted seatrout, <i>Cynoscion nebulosus</i>	
Silver seatrout, <i>Cynoscion nothus</i>	
Weakfish, <i>Cynoscion regalis</i>	
Jackknife-fish, <i>Equetus lanceolatus</i>	+ juvenile
Spotted drum, <i>Equetus punctatus</i>	+ juvenile
Banded drum, <i>Larimus fasciatus</i>	
Spot, <i>Leiostomus xanthurus</i>	
Southern kingfish, <i>Menticirrhus americanus</i>	
Gulf kingfish, <i>Menticirrhus littoralis</i>	
Northern kingfish, <i>Menticirrhus saxatilis</i>	
Atlantic croaker, <i>Micropogonias undulatus</i>	
Reef croaker, <i>Odontoscion dentex</i>	
High-hat, <i>Pareques acuminatus</i>	+ juvenile
Blackbar drum, <i>Pareques iwamotoi</i>	
Cubbyu, <i>Pareques umbrosus</i>	+ juvenile
Black drum, <i>Pogonias cromis</i>	+ juvenile
Red drum, <i>Sciaenops ocellatus</i>	
Star drum, <i>Stellifer lanceolatus</i>	
Sand drum, <i>Umbrina coroides</i>	
Yellow goatfish, <i>Mulloidichthys martinicus</i>	
Red goatfish, <i>Mullus auratus</i>	
Spotted goatfish, <i>Pseudupeneus maculatus</i>	pale + dark
Dwarf goatfish, <i>Upeneus parvus</i>	
Glassy sweeper, <i>Pempheris schomburgkii</i>	
Yellow chub, <i>Kyphosus incisor</i>	
Bermuda chub, <i>Kyphosus sectator</i>	
Foureye butterflyfish, <i>Chaetodon capistratus</i>	+ juvenile
Spotfin butterflyfish, <i>Chaetodon ocellatus</i>	+ juvenile
Reef butterflyfish, <i>Chaetodon sedentarius</i>	+ juvenile

Banded butterflyfish, <i>Chaetodon striatus</i>	+ juvenile
Longsnout butterflyfish, <i>Prognathodes aculeatus</i>	
Bank butterflyfish, <i>Prognathodes aya</i>	
Cherubfish, <i>Centropyge argi</i>	
Blue angelfish, <i>Holacanthus bermudensis</i>	+ juvenile
Queen angelfish, <i>Holacanthus ciliaris</i>	+ juvenile
Rock beauty, <i>Holacanthus tricolor</i>	+ two juveniles
Gray angelfish, <i>Pomacanthus arcuatus</i>	+ juvenile
French angelfish, <i>Pomacanthus paru</i>	+ juvenile
Redspotted hawkfish, <i>Amblycirrhitus pinos</i>	
Cuban Cichlid, <i>Nandopsis tetracanthus</i>	
Mozambique Tilapia, <i>Oreochromis mossambicus</i>	
Spotted Cichlid, <i>Vieja maculicauda</i>	
Sergeant major, <i>Abudefduf saxatilis</i>	
Night sergeant, <i>Abudefduf taurus</i>	
Blue chromis, <i>Chromis cyanea</i>	
Yellowtail reefish, <i>Chromis enchrysur</i>	
Sunshinefish, <i>Chromis insolata</i>	+ juvenile
Brown chromis, <i>Chromis multilineata</i>	
Purple reefish, <i>Chromis scotti</i>	
Yellowtail damselfish, <i>Microspathodon chrysurus</i>	+ juvenile
Dusky damselfish, <i>Stegastes adustus</i>	+ juvenile
Longfin damselfish, <i>Stegastes diencaeus</i>	+ juvenile
Beaugregory, <i>Stegastes leucostictus</i>	+ juvenile
Bicolor damselfish, <i>Stegastes partitus</i>	three variants
Threespot damselfish, <i>Stegastes planifrons</i>	+ juvenile
Cocoa damselfish, <i>Stegastes variabilis</i>	+ juvenile
Spotfin hogfish, <i>Bodianus pihellus</i>	+ juvenile
Spanish hogfish, <i>Bodianus rufus</i>	
Creole wrasse, <i>Clepticus parrae</i>	male + female
Red hogfish, <i>Decodon puellaris</i>	
Dwarf wrasse, <i>Doratonotus megalepis</i>	
Greenband wrasse, <i>Halichoeres bathyphilus</i>	male + female
Slippery dick, <i>Halichoeres bivittatus</i>	male + female
Mardi Gras wrasse, <i>Halichoeres burekai</i>	male + female
Painted wrasse, <i>Halichoeres caudalis</i>	male + female
Yellowcheek wrasse, <i>Halichoeres cyanocephalus</i>	male + female
Yellowhead wrasse, <i>Halichoeres garnoti</i>	male + female

Clown wrasse, <i>Halichoeres maculipinna</i>	male, female, juv
Rainbow wrasse, <i>Halichoeres pictus</i>	male + female
Blackear wrasse, <i>Halichoeres poeyi</i>	male + female
Puingwife, <i>Halichoeres radiatus</i>	male + female
Hogfish, <i>Lachnolaimus maximus</i>	+ juvenile
Tautog, <i>Tautoga onitis</i>	male + female
Cunner, <i>Tautoglabrus adspersus</i>	
Bluehead, <i>Thalassoma bifasciatum</i>	male, female, juvs
Rosy razorfish, <i>Xyrichtys martinicensis</i>	male + female
Pearly razorfish, <i>Xyrichtys novacula</i>	male + female
Green razorfish, <i>Xyrichtys splendens</i>	male + female
Bluelip parrotfish, <i>Cryptotomus roseus</i>	male + female
Emerald parrotfish, <i>Nicholsina usta</i>	female only
Midnight parrotfish, <i>Scarus coelestinus</i>	
Blue parrotfish, <i>Scarus coeruleus</i>	+ juvenile
Rainbow parrotfish, <i>Scarus guacamaia</i>	male + female
Striped parrotfish, <i>Scarus iseri</i>	male + female
Princess parrotfish, <i>Scarus taeniopterus</i>	male + female
Queen parrotfish, <i>Scarus vetula</i>	male + female
Greenblotch parrotfish, <i>Sparisoma atomarium</i>	male + female
Redband parrotfish, <i>Sparisoma aurofrenatum</i>	male + female
Redtail parrotfish, <i>Sparisoma chrysopterus</i>	male + female
Bucktooth parrotfish, <i>Sparisoma radians</i>	male + female
Yellowtail parrotfish, <i>Sparisoma rubripinne</i>	male + female
Stoplight parrotfish, <i>Sparisoma viride</i>	male + female
Wolf eelpout, <i>Lycenchelys verrillii</i>	
Atlantic soft pout, <i>Melanostigma atlanticum</i>	
Ocean pout, <i>Zoarces americanus</i>	
Daubed shanny, <i>Leptoclinus maculatus</i>	
Snakeblenny, <i>Lumpenus lampretaeformis</i>	
Radiated shanny, <i>Ulvaria subbifurcata</i>	
Wrymouth, <i>Cryptacanthodes maculatus</i>	
Rock gunnel, <i>Pholis gunnellus</i>	
Atlantic wolffish, <i>Anarhichas lupus</i>	
Spotted wolffish, <i>Anarhichas minor</i>	
Duckbill flathead, <i>Bembrops anatiostris</i>	
Goby flathead, <i>Bembrops gobioides</i>	
American sand lance, <i>Ammodytes americanus</i>	

Northern stargazer, <i>Astroscopus guttatus</i>	
Southern stargazer, <i>Astroscopus y-graecum</i>	
Freckled stargazer, <i>Gnathagnus egregius</i>	
Lancer stargazer, <i>Kathetostoma albigutta</i>	
Lofty triplefin, <i>Enneanectes altivelis</i>	
Roughhead triplefin, <i>Enneanectes boehlkei</i>	
Redeye triplefin, <i>Enneanectes pectoralis</i>	
Bigeye stargazer, <i>Dactyloscopus crossotus</i>	
Speckled stargazer, <i>Dactyloscopus moorei</i>	
Sand stargazer, <i>Dactyloscopus tridigitatus</i>	
Arrow stargazer, <i>Gillellus greyae</i>	
Masked stargazer, <i>Gillellus healae</i>	
Warteye stargazer, <i>Gillellus uranidea</i>	
Sale stargazer, <i>Platygillellus rubrocinctus</i>	
Striped blenny, <i>Chasmodes bosquianus</i>	male + female
Stretchjaw blenny, <i>Chasmodes longimaxilla</i>	male + female
Florida blenny, <i>Chasmodes saburrae</i>	
Pearl blenny, <i>Entomacrodus nigricans</i>	
Barred blenny, <i>Hypleurochilus bermudensis</i>	
Zebratail blenny, <i>Hypleurochilus caudovittatus</i>	
Crested blenny, <i>Hypleurochilus geminatus</i>	
Featherduster blenny, <i>Hypleurochilus multifilis</i>	
Oyster blenny, <i>Hypleurochilus pseudoaequipinnis</i>	
Orangespotted blenny, <i>Hypleurochilus springeri</i>	
Feather blenny, <i>Hypsoblennius hentz</i>	
Tessellated blenny, <i>Hypsoblennius invemar</i>	
Redlip blenny, <i>Ophioblennius macclurei</i>	
Seaweed blenny, <i>Parablennius marmoreus</i>	dark + pale
Molly miller, <i>Scartella cristata</i>	
Puffcheek blenny, <i>Labrisomus bucciferus</i>	
Palehead blenny, <i>Labrisomus gobio</i>	
Mimic blenny, <i>Labrisomus guppyi</i>	male + female
Longfin blenny, <i>Labrisomus haitiensis</i>	
Downy blenny, <i>Labrisomus kalisherai</i>	
Spotcheek blenny, <i>Labrisomus nigricinctus</i>	male + female
Hairy blenny, <i>Labrisomus nuchipinnis</i>	male + female
Goldline blenny, <i>Malacoctenus aurolineatus</i>	
Rosy blenny, <i>Malacoctenus macropus</i>	male + female

Saled blenny, <i>Malacoctenus triangulatus</i>	
Barfin blenny, <i>Malacoctenus versicolor</i>	male + female
Threadfin blenny, <i>Nemaclinus atelestos</i>	
Coral blenny, <i>Paraclinus cingulatus</i>	
Banded blenny, <i>Paraclinus fasciatus</i>	
Marbled blenny, <i>Paraclinus marmoratus</i>	dark + spotte
Blackfin blenny, <i>Paraclinus nigripinnis</i>	
Checkered blenny, <i>Starksia ocellata</i>	
Roughhead blenny, <i>Acanthemblemaria aspera</i>	male + female
Papillose blenny, <i>Acanthemblemaria chaplini</i>	
Spinyhead blenny, <i>Acanthemblemaria spinosa</i>	
Yellowface pikeblenny, <i>Chaenopsis limbaughi</i>	male + female
Bluethroat pikeblenny, <i>Chaenopsis ocellata</i>	
Banner blenny, <i>Emblemaria atlantica</i>	male + female
Sailfin blenny, <i>Emblemaria pandionis</i>	male + female
Pirate blenny, <i>Emblemaria piratula</i>	
Blackhead blenny, <i>Emblemariopsis bahamensis</i>	male + female
Glass blenny, <i>Emblemariopsis diaphana</i>	male + female
Wrasse blenny, <i>Hemiemblemaria simulus</i>	+ juvenile
Blackbelly blenny, <i>Stathomonotus hemphillii</i>	red & black males
Eelgrass blenny, <i>Stathomonotus stahli</i>	
Emerald clingfish, <i>Acyrtops beryllinus</i>	
Stippled clingfish, <i>Gobiesox punctulatus</i>	
Skilletfish, <i>Gobiesox strumosus</i>	
Spotted dragonet, <i>Diplogrammus pauciradiatus</i>	male + female
Spotfin dragonet, <i>Foetorepus agassizii</i>	
Palefin dragonet, <i>Foetorepus goodenbeani</i>	
Lancer dragonet, <i>Paradiplogrammus bairdi</i>	male + female
Fat sleeper, <i>Dormitator maculatus</i>	
Largescale spinycheek sleeper, <i>Eleotris amblyopsis</i>	
Emerald sleeper, <i>Erotelis smaragdus</i>	
Bigmouth sleeper, <i>Gobiomorus dormitator</i>	
Bearded goby, <i>Barbulifer ceuthoecus</i>	
Notchtongue goby, <i>Bathygobius curacao</i>	
Island frillfin, <i>Bathygobius mystacium</i>	
Frillfin goby, <i>Bathygobius soporator</i>	
White-eye goby, <i>Bollmannia boqueronensis</i>	
Barfin goby, <i>Coryphopterus alloides</i>	

Sand-canyon goby, *Coryphopterus bol*
 Colon goby, *Coryphopterus dicrus*
 Pallid goby, *Coryphopterus eidolon*
 Bridled goby, *Coryphopterus glaucofraenum*
 Glass goby, *Coryphopterus hyalinus*
 Kuna goby, *Coryphopterus kuna*
 Peppermint goby, *Coryphopterus lipernes*
 Masked goby, *Coryphopterus personatus*
 Spotted goby, *Coryphopterus punctipectophorus*
 Bartail goby, *Coryphopterus thrix*
 Patch-reef goby, *Coryphopterus tortugae*
 Darter goby, *Ctenogobius boleosoma*
 Slashcheek goby, *Ctenogobius pseudofasciatus*
 Dash goby, *Ctenogobius saepepallens*
 Freshwater goby, *Ctenogobius shufeldti*
 Emerald goby, *Ctenogobius smaragdus*
 Marked goby, *Ctenogobius stigmaticus*
 Spottail goby, *Ctenogobius stigmaturus*
 Yellowline goby, *Elacatinus horsti*
 Tiger goby, *Elacatinus macrodon*
 Neon goby, *Elacatinus oceanops*
 Leopard goby, *Elacatinus saucrus*
 Yellowprow goby, *Elacatinus xanthiprora*
 Roughtail goby, *Evermannichthys metzelaari*
 Sponge goby, *Evermannichthys spongicola*
 Lyre goby, *Evorthodus lyricus* male + female
 Goldspot goby, *Gnatholepis thompsoni*
 Violet goby, *Gobioides broussonnetii*
 Highfin goby, *Gobionellus oceanicus*
 Naked goby, *Gobiosoma bosc*
 Seaboard goby, *Gobiosoma ginsburgi*
 Rockcut goby, *Gobiosoma grosvenori*
 Code goby, *Gobiosoma robustum*
 Paleback goby, *Gobulus myersi*
 Crested goby, *Lophogobius cyprinoides* male + female
 Island goby, *Lythrypnus nesiotes*
 Convict goby, *Lythrypnus phorellus*
 Bluegold goby, *Lythrypnus spilus*

Seminole goby, *Microgobius carri*
Clown goby, *Microgobius gulosus*
Banner goby, *Microgobius microlepis*
Green goby, *Microgobius thalassinus*
Orangespotted goby, *Nes longus*
Spotfin goby, *Oxyurichthys stigmalius*
Rusty goby, *Priolepis hipoliti*
Tusked goby, *Risor ruber*
Pugjaw wormfish, *Cerdale floridana*
Pink wormfish, *Microdesmus longipinnis*
Blue dartfish, *Ptereleotris calliura*
Hovering dartfish, *Ptereleotris helenae*
Atlantic spadefish, *Chaetodipterus faber* + juvenile
Louvar, *Luvarus imperialis*
Ocean surgeon, *Acanthurus bahianus*
Doctorfish, *Acanthurus chirurgus*
Blue tang, *Acanthurus coeruleus* + juvenile
Longfin escolar, *Scombrolabrax heterolepis*
Great barracuda, *Sphyraena barracuda*
Northern sennet, *Sphyraena borealis*
Guaguanche, *Sphyraena guachancho*
Snake mackerel, *Gempylus serpens*
Escolar, *Lepidocybium flavobrunneum*
Black snake mackerel, *Nealotus tripes*
American sackfish, *Neopinnula americana*
Black gemfish, *Nesiarchus nasutus*
Roudi escolar, *Promethichthys prometheus*
Oilfish, *Ruvettus pretiosus*
Atlantic cutlassfish, *Trichiurus lepturus*
Wahoo, *Acanthocybium solandri*
Bullet mackerel, *Auxis rochei*
Frigate mackerel, *Auxis thazard*
Little tunny, *Euthynnus alletteratus*
Skipjack tuna, *Katsuwonus pelamis*
Atlantic bonito, *Sarda sarda*
Atlantic chub mackerel, *Scomber colias*
Atlantic mackerel, *Scomber scombrus*
King mackerel, *Scomberomorus cavalla*

Spanish mackerel, *Scomberomorus maculatus*
Cero, *Scomberomorus regalis*
Albacore, *Thunnus alalunga*
Yellowfin tuna, *Thunnus albacares*
Blackfin tuna, *Thunnus atlanticus*
Bigeye tuna, *Thunnus obesus*
Atlantic bluefin tuna, *Thunnus thynnus*
Swordfish, *Xiphias gladius*
Sailfish, *Istiophorus platypterus*
Blue marlin, *Makaira nigricans*
White marlin, *Kajikia albida*
Round-scale spearfish, *Tetrapturus georgii*
Longbill spearfish, *Tetrapturus pfluegeri*
Black ruff, *Centrolophus niger*
Black drifffish, *Hyperoglyphe bythites*
Barrelfish, *Hyperoglyphe perciformis*
Brown ruff, *Schedophilus medusophagus*
Bigeye cigarfish, *Cubiceps pauciradiatus*
Man-of-war fish, *Nomeus gronovii*
Freckled drifffish, *Psenes cyanophrys*
Bluefin drifffish, *Psenes pellucidus*
Silver-rag, *Ariomma bondi*
Brown drifffish, *Ariomma melanum*
Spotted drifffish, *Ariomma regulus*
Bigeye squaretail, *Tetragonurus atlanticus*
Gulf butterfish, *Peprilus burti*
Harvestfish, *Peprilus paru*
Butterfish, *Peprilus triacanthus*
Deepbody boarfish, *Antigonia capros*
Shortspine boarfish, *Antigonia combatia*
Windowpane, *Scophthalmus aquosus*
Three-eye flounder, *Ancylopsetta dilecta*
Ocellated flounder, *Ancylopsetta ommata*
Gulf Stream flounder, *Citharichthys arctifrons*
Horned whiff, *Citharichthys cornutus*
Anglefin whiff, *Citharichthys gymnorhinus*
Spotted whiff, *Citharichthys macrops*
Bay whiff, *Citharichthys spilopterus*

Mexican flounder, *Cyclopsetta chittendeni*
Spotfin flounder, *Cyclopsetta fimbriata*
Fringed flounder, *Etropus crossotus*
Smallmouth flounder, *Etropus microstomus*
Gray flounder, *Etropus rimosus*
Shrimp flounder, *Gastropsetta frontalis*
Gulf flounder, *Paralichthys albigutta*
Summer flounder, *Paralichthys dentatus*
Southern flounder, *Paralichthys lethostigma*
Fourspot flounder, *Paralichthys oblongus*
Broad flounder, *Paralichthys squamilentus*
Shoal flounder, *Syacium gunteri*
Channel flounder, *Syacium micrurum*
Dusky flounder, *Syacium papillosum*
Witch flounder, *Glyptocephalus cynoglossus*
American plaice, *Hippoglossoides platessoides*
Atlantic halibut, *Hippoglossus hippoglossus*
Yellowtail flounder, *Limanda ferruginea*
Smooth flounder, *Pleuronectes putnami*
Winter flounder, *Pseudopleuronectes americanus*
Greenland halibut, *Rheinhardtius hippoglossoides*
Peacock flounder, *Bothus lunatus*
Eyed flounder, *Bothus ocellatus*
Twospot flounder, *Bothus robinsi*
Pelican flounder, *Chascanopsetta lugubris*
Spiny flounder, *Engyophrys senta*
Deepwater flounder, *Monolene sessilicauda*
Lined sole, *Achirus lineatus*
Naked sole, *Gymnachirus melas*
Fringed sole, *Gymnachirus texae*
Scrawled sole, *Trinectes inscriptus*
Hogchoker, *Trinectes maculatus*
Caribbean tonguefish, *Symphurus arawak*
Offshore tonguefish, *Symphurus civitatum*
Spottedfin tonguefish, *Symphurus diomedeanus*
Blackcheek tonguefish, *Symphurus plagiusa*
Spottail tonguefish, *Symphurus urospilus*
Jambeau, *Parahollandia lineata*

Gray triggerfish, *Balistes capriscus*
 Queen triggerfish, *Balistes vetula*
 Rough triggerfish, *Canthidermis maculata*
 Ocean triggerfish, *Canthidermis sufflamen*
 Black durgon, *Melichthys niger*
 Sargassum triggerfish, *Xanthichthys ringens*
 Dotterel filefish, *Aluterus heudelotii*
 Unicorn filefish, *Aluterus monoceros*
 Orange filefish, *Aluterus schoepfi* pale + dark
 Scrawled filefish, *Aluterus scriptus*
 Whitespotted filefish, *Cantherhines macrocerus*
 Orangespotted filefish, *Cantherhines pullus*
 Fringed filefish, *Monacanthus ciliatus*
 Slender filefish, *Monacanthus tuckeri* pale + dark
 Planehead filefish, *Stephanolepis hispidus*
 Pygmy filefish, *Stephanolepis setifer*
 Honeycomb cowfish, *Acanthostracion polygonia*
 Scrawled cowfish, *Acanthostracion quadricornis* + juvenile
 Trunkfish, *Lactophrys trigonus*
 Spotted trunkfish, *Rhinesomus bicaudalis* + juvenile
 Smooth trunkfish, *Rhinesomus triquetus* + juvenile
 Goldface toby, *Canthigaster jamestyeri*
 Sharpnose puffer, *Canthigaster rostrata*
 Smooth puffer, *Lagocephalus laevigatus*
 Oceanic puffer, *Lagocephalus lagocephalus*
 Marbled puffer, *Sphoeroides dorsalis*
 Northern puffer, *Sphoeroides maculatus*
 Southern puffer, *Sphoeroides nephelus*
 Blunthead puffer, *Sphoeroides pachygaster*
 Least puffer, *Sphoeroides parvus*
 Bandtail puffer, *Sphoeroides spengleri* pale + dark
 Checkered puffer, *Sphoeroides testudineus*
 Bridled burrfish, *Chilomycterus antennatus*
 Web burrfish, *Chilomycterus antillarum*
 Spotted burrfish, *Chilomycterus reticulatus* + juvenile
 Striped burrfish, *Chilomycterus schoepfii*
 Pelagic porcupinefish, *Diodon eydouxii*
 Balloonfish, *Diodon holocanthus*

Porcupinefish, *Diodon hystrix*
Sharptail mola, *Masturus lanceolatus*
Ocean sunfish, *Mola mola*
Slender mola, *Ranzania laevis*

Northeastern Pacific: brackish and saltwater fishes

Subject to change.

Black Hagfish, *Eptatretus deani*
Pacific Hagfish/Slime Hag, *Eptatretus stoutii*
River Lamprey, *Lampetra ayresii*
Arctic Lamprey, *Lampetra camtschatica*
Pacific Lamprey, *Lampetra tridentata*
Spotted Ratfish, *Hydrolagus colliei*
Horn Shark, *Heterodontus francisci*
Whale Shark, *Rhincodon typus*
Ragged-tooth Shark, *Odontaspis ferox*
Goblin Shark, *Mitsukurina owstoni*
Megamouth Shark, *Megachasma pelagios*
Pelagic Thresher, *Alopias pelagicus*
Bigeye Thresher, *Alopias superciliosus*
Thresher Shark, *Alopias vulpinus*
Basking Shark, *Cetorhinus maximus*
White Shark, *Carcharodon carcharias*
Shortfin Mako, *Isurus oxyrinchus*
Salmon Shark, *Lamna ditropis*
Brown Cat Shark, *Apristurus brunneus*
Swell Shark, *Cephaloscyllium ventriosum*
Filetail Cat Shark, *Parmaturus xaniurus*
Soupfin Shark, *Galeorhinus galeus*
Gray Smoothhound, *Mustelus californicus*
Brown Smoothhound, *Mustelus henlei*
Sicklefin Smoothhound, *Mustelus lunulatus*
Leopard Shark, *Triakis semifasciata*

Narrowtooth Shark, *Carcharhinus brachyurus*
 Bull Shark, *Carcharhinus leucas*
 Oceanic Whitetip Shark, *Carcharhinus longimanus*
 Dusky Shark, *Carcharhinus obscurus*
 Tiger Shark, *Galeocerdo cuvier*
 Blue Shark, *Prionace glauca*
 Pacific Sharpnose Shark, *Rhizoprionodon longurio*
 Scalloped Hammerhead, *Sphyrna lewini* + head
 Bonnethead, *Sphyrna tiburo* + head
 Smooth Hammerhead, *Sphyrna zygaena* + head
 Frill Shark, *Chlamydoselachus anguineus*
 Bluntnose Sixgill Shark, *Hexanchus griseus*
 Broadnose Sevengill Shark, *Notorynchus cepedianus*
 Prickly Shark, *Echinorhinus cookei*
 Spiny Dogfish, *Squalus acanthias*
 Pacific Sleeper Shark, *Somniosus pacificus*
 Cookiecutter Shark, *Isistius brasiliensis*
 Pacific Angel Shark, *Squatina californica*
 Pacific Electric Ray, *Torpedo californica*
 Shovelnose Guitarfish, *Rhinobatos productus*
 Banded Guitarfish, *Zapteryx exasperata*
 Aleutian Skate, *Bathyraja aleutica*
 Sandpaper Skate, *Bathyraja interrupta*
 Commander Skate, *Bathyraja lindbergi*
 Whiteblotched Skate, *Bathyraja maculata*
 Butterfly Skate, *Bathyraja mariposa*
 Whitebrow Skate, *Bathyraja minispinosa*
 Alaska Skate *Bathyraja parmifera* pale + dark
 Mud Skate, *Bathyraja taranetzi*
 Big Skate, *Raja binoculata*
 California Skate, *Raja inornata*
 Longnose Skate, *Raja rhina*
 Starry Skate, *Raja stellulata*
 Thornback, *Platyrhinoidis triseriata*
 Round Stingray, *Urobatis halleri* pale + dark
 Diamond Stingray, *Dasyatis dipterura*
 Pelagic Stingray, *Pteroplatytrygon violacea*
 California Butterfly Ray, *Gymnura marmorata*

Giant Manta, *Manta birostris*
 Spinetail Mobula, *Mobula japonica*
 Bat Ray, *Myliobatis californica*
 Green Sturgeon, *Acipenser medirostris*
 White Sturgeon, *Acipenser transmontanus*
 Machete, *Elops affinis*
 Cortez Bonefish, *Albula gilberti*
 California Moray, *Gymnothorax mordax*
 Pacific Snake Eel, *Ophichthus triserialis*
 Yellow Snake Eel, *Ophichthus zophochir*
 Deepbody Anchovy, *Anchoa compressa*
 Slough Anchovy, *Anchoa delicatissima*
 Anchoveta, *Cetengraulis mysticetus*
 Northern Anchovy *Engraulis mordax*
 American Shad, *Alosa sapidissima*
 Pacific Herring, *Clupea pallasii*
 Threadfin Shad, *Dorosoma petenense*
 Round Herring, *Etrumeus teres*
 Flatiron Herring, *Harengula thrissina*
 Deepbody Thread Herring *Opisthonema libertate*
 Middling Thread Herring, *Opisthonema medirastre*
 Pacific Sardine, *Sardinops sagax*
 Pacific Argentine, *Argentina sialis*
 Bluethroat Argentine, *Nansenia candida*
 Stout Argentine, *Nansenia crassa*
 Whitebait Smelt, *Allosmerus elongatus*
 Surf Smelt, *Hypomesus pretiosus*
 Capelin, *Mallotus villosus*
 Rainbow Smelt, *Osmerus mordax*
 Night Smelt, *Spirinchus starksi*
 Longfin Smelt, *Spirinchus thaleichthys*
 Eulachon, *Thaleichthys pacificus* male + female
 Arctic Cisco, *Coregonus autumnalis*
 Bering Cisco, *Coregonus laurettae*
 Humpback Whitefish, *Coregonus pidschian*
 Least Cisco, *Coregonus sardinella*
 Cutthroat trout, *Oncorhynchus clarkii*
 Pink Salmon *Oncorhynchus gorbuscha* + juvenile

Chum Salmon, <i>Oncorhynchus keta</i>	+ juvenile
Coho Salmon/Silver Salmon, <i>Oncorhynchus kisutch</i>	+ juvenile
Steelhead, <i>Oncorhynchus mykiss</i>	+ juvenile
Sockeye Salmon, <i>Oncorhynchus nerka</i>	+ juvenile
Chinook Salmon/King Salmon, <i>Oncorhynchus tshawytscha</i>	+ juvenile
Atlantic Salmon, <i>Salmo salar</i>	+ juvenile
Dolly Varden, <i>Salvelinus malma</i>	
Benttooth bristlemouth, <i>Cyclothone acclinidens</i>	
Slender Hatchetfish, <i>Argyropelecus affinis</i>	
Lowcrest Hatchetfish, <i>Argyropelecus sladeni</i>	
Pacific Viperfish, <i>Chauliodus macouni</i>	
Eastern Pacific Flagfin, <i>Aulopus bajacali</i>	
California Lizardfish, <i>Synodus lucioceps</i>	
Longnose Lancetfish, <i>Alepisaurus ferox</i>	
California Headlightfish, <i>Diaphus theta</i>	
Northern Lampfish, <i>Stenobranchius leucopsarus</i>	
Blue Lanternfish, <i>Tarletonbeania crenularis</i>	
Spotted Opah, <i>Lampris guttatus</i>	
North Pacific Crestfish, <i>Lophotus capellei</i>	
King-of-the-Salmon, <i>Trachipterus altivelis</i>	
Tapertail Ribbonfish, <i>Trachipterus fukuzakii</i>	
Oarfish, <i>Regalecus glesne</i>	
Giant Grenadier, <i>Albatrossia pectoralis</i>	
Longfin Codling, <i>Laemonema longipes</i>	
Hundred-fathom Codling, <i>Physiculus rastrelliger</i>	
Pacific Hake, <i>Merluccius productus</i>	
Arctic Cod, <i>Boreogadus saida</i>	
Saffron Cod, <i>Eleginus gracilis</i>	
Walleye Pollock, <i>Gadus chalcogramma</i>	
Pacific Cod, <i>Gadus macrocephalus</i>	
Ogac, <i>Gadus ogac</i>	
Pacific Tomcod, <i>Microgadus proximus</i>	
Spotted Cusk-eel, <i>Chilara taylori</i>	
Basketweave Cusk-eel, <i>Ophidion scrippsae</i>	
Red Brotula, <i>Brosmophycis marginata</i>	
Specklefin Midshipman, <i>Porichthys myriaaaster</i>	
Plainfin Midshipman, <i>Porichthys notatus</i>	
Spottedtail Goosefish, <i>Lophiodes caularis</i>	

Threadfin Goosefish, <i>Lophiodes spilurus</i>	
Roughjaw Frogfish, <i>Antennarius avalonis</i>	
Rounded Batfish, <i>Zalieutes elater</i>	
Striped Mullet, <i>Mugil cephalus</i>	
Topsmelt, <i>Atherinops affinis</i>	
Jacksmelt, <i>Atherinopsis californiensis</i>	
California Grunion, <i>Leuresthes tenuis</i>	
Inland Silverside, <i>Menidia beryllina</i>	
Blotchwing Flyingfish, <i>Cheilopogon heterurus</i>	
Smallhead Flyingfish, <i>Cheilopogon pinnatibarbatus</i>	
Sharpchin Flyingfish, <i>Fodiator acutus</i>	
Ribbon Halfbeak, <i>Euleptorhamphus viridis</i>	
Pacific Silverstripe Halfbeak, <i>Hyporhamphus naos</i>	
California Halfbeak, <i>Hyporhamphus rosae</i>	
California Needlefish, <i>Strongylura exilis</i>	
Pacific Saury, <i>Cololabis sair</i>	
California Killifish, <i>Fundulus parvipinnis</i>	
Rainwater Killifish, <i>Lucania parva</i>	male + female
Sailfin Molly, <i>Poecilia latipinna</i>	male + female
Longhorn Fangtooth, <i>Anoplogaster cornuta</i>	
Mirror Dory, <i>Zenopsis nebulosa</i>	
Tubesnout, <i>Aulorhynchus flavidus</i>	male + female
Threespine Stickleback, <i>Gasterosteus aculeatus</i>	green + black
Ninespine Stickleback, <i>Pungitius pungitius</i>	
Snubnose Pipefish, <i>Cosmocampus arctus</i>	
Pacific Seahorse, <i>Hippocampus ingens</i>	
Barred Pipefish, <i>Syngnathus auliscus</i>	
Kelp Pipefish, <i>Syngnathus californiensis</i>	
Chocolate Pipefish, <i>Syngnathus euchrous</i>	
Barcheek Pipefish, <i>Syngnathus exilis</i>	
Bay Pipefish, <i>Syngnathus leptorhynchus</i>	green + brown
Deepwater Cornetfish, <i>Fistularia corneta</i>	
Longspine Snipefish, <i>Macrorhamphosus scolopax</i>	
California Scorpionfish/Sculpin, <i>Scorpaena guttata</i>	
Stone Scorpionfish, <i>Scorpaena mystes</i>	+ fin underside
Rainbow Scorpionfish, <i>Scorpaenodes xyris</i>	
Rougheye Rockfish, <i>Sebastes aleutianus</i>	
Pacific Ocean Perch, <i>Sebastes alutus</i>	

Kelp Rockfish/Sugar Bass, <i>Sebastes atrovirens</i>	dark + pale
Brown Rockfish, <i>Sebastes auriculatus</i>	
Aurora Rockfish, <i>Sebastes aurora</i>	
Redbanded Rockfish, <i>Sebastes babcocki</i>	
Shortraker Rockfish, <i>Sebastes borealis</i>	
Silvergray Rockfish, <i>Sebastes brevispinis</i>	
Gopher Rockfish, <i>Sebastes carnatus</i>	
Copper Rockfish/Chucklehead, <i>Sebastes caurinus</i>	
Greenspotted Rockfish, <i>Sebastes chlorostictus</i>	
Black-and-Yellow Rockfish, <i>Sebastes chrysomelas</i>	
Dark Rockfish, <i>Sebastes ciliatus</i>	
Starry Rockfish, <i>Sebastes constellatus</i>	+ juvenile
Darkblotched Rockfish, <i>Sebastes crameri</i>	
Sunset Rockfish, <i>Sebastes</i> sp. (<i>crocotulus</i>)	
Calico Rockfish, <i>Sebastes dallii</i>	
Splitnose Rockfish, <i>Sebastes diploproa</i>	
Greenstriped Rockfish, <i>Sebastes elongatus</i>	
Puget Sound Rockfish, <i>Sebastes emphaeus</i>	
Swordspine Rockfish, <i>Sebastes ensifer</i>	
Widow Rockfish, <i>Sebastes entomelas</i>	
Pink Rockfish, <i>Sebastes eos</i>	
Yellowtail Rockfish, <i>Sebastes flavidus</i>	
Bronzespotted Rockfish, <i>Sebastes gilli</i>	
Chilipepper, <i>Sebastes goodei</i>	
Rosethorn Rockfish, <i>Sebastes helvomaculatus</i>	
Squarespot Rockfish, <i>Sebastes hopkinsi</i>	
Shortbelly Rockfish, <i>Sebastes jordani</i>	
Freckled Rockfish, <i>Sebastes lentiginosus</i>	
Cowcod, <i>Sebastes levis</i>	+ juvenile
Mexican Rockfish, <i>Sebastes macdonaldi</i>	
Quillback Rockfish, <i>Sebastes maliger</i>	
Black Rockfish, <i>Sebastes melanops</i>	
Semaphore Rockfish, <i>Sebastes melanosema</i>	
Blackspotted Rockfish, <i>Sebastes melanostictus</i>	
Blackgill Rockfish, <i>Sebastes melanostomus</i>	
Vermilion Rockfish, <i>Sebastes miniatus</i>	
Whitespotted Rockfish, <i>Sebastes moseri</i>	pale + dark
Blue Rockfish, <i>Sebastes mystinus</i>	+ juvenile

Blue-sided, <i>Sebastes diaconis</i>	
China Rockfish, <i>Sebastes nebulosus</i>	
Tiger Rockfish, <i>Sebastes nigrocinctus</i>	
Speckled Rockfish, <i>Sebastes ovalis</i>	
Bocaccio, <i>Sebastes paucispinis</i>	+ juvenile
Chameleon Rockfish	
Canary Rockfish, <i>Sebastes pinniger</i>	+ juvenile
Northern Rockfish, <i>Sebastes polyspinis</i>	
Redstripe Rockfish, <i>Sebastes proriger</i>	
Grass Rockfish, <i>Sebastes rastrelliger</i>	
Rosy Rockfish, <i>Sebastes rosaceus</i>	
Greenblotched Rockfish, <i>Sebastes rosenblatti</i>	
Yelloweye Rockfish, <i>Sebastes ruberrimus</i>	+ juvenile
Flag Rockfish, <i>Sebastes rubrivinctus</i>	orange + brown
Dwarf-red Rockfish, <i>Sebastes rufinanus</i>	
Bank Rockfish, <i>Sebastes rufus</i>	
Stripetail Rockfish, <i>Sebastes saxicola</i>	
Halfbanded Rockfish, <i>Sebastes semicinctus</i>	
Olive Rockfish, <i>Sebastes serranoides</i>	
Treefish, <i>Sebastes serriceps</i>	+ juvenile
Pinkrose Rockfish, <i>Sebastes simulator</i>	
Honeycomb Rockfish, <i>Sebastes umbrosus</i>	
Dusky Rockfish, <i>Sebastes variabilis</i>	
Harlequin Rockfish, <i>Sebastes variegatus</i>	
Pygmy Rockfish, <i>Sebastes wilsoni</i>	white- + red-stripe
Sharpchin Rockfish, <i>Sebastes zacentrus</i>	
Shortspine Thornyhead, <i>Sebastolobus alascanus</i>	
Longspine Thornyhead, <i>Sebastolobus altivelis</i>	
Lumptail Searobin, <i>Prionotus stephanophrys</i>	
Sablefish, <i>Anoplopoma fimbria</i>	
Skilfish, <i>Erilepis zonifer</i>	
Kelp Greenling, <i>Hexagrammos decagrammus</i>	male + female
Rock Greenling, <i>Hexagrammos lagocephalus</i>	male + female
Masked Greenling, <i>Hexagrammos octogrammus</i>	
Whitespotted Greenling, <i>Hexagrammos stelleri</i>	male + female
Lingcod, <i>Ophiodon elongatus</i>	
Painted Greenling, <i>Oxylebius pictus</i>	male + female
Atka Mackerel, <i>Pleurogrammus monoptyerius</i>	male + female

Shortspine Combfish, <i>Zaniolepis frenata</i>	
Longspine Combfish, <i>Zaniolepis latipinnis</i>	
Grunt Sculpin, <i>Rhamphocottus richardsonii</i>	
Scaled Sculpin, <i>Archistes biseriatus</i>	
Hamecon, <i>Artediellus scaber</i>	
Coralline Sculpin, <i>Artedius corallinus</i>	dark + bright
Padded Sculpin, <i>Artedius fenestralis</i>	
Scalyhead Sculpin, <i>Artedius harringtoni</i>	male + female
Smoothhead Sculpin, <i>Artedius lateralis</i>	
Bonyhead Sculpin, <i>Artedius notospilotus</i>	
Rosylip Sculpin, <i>Ascelichthys rhodorus</i>	
Roughback Sculpin, <i>Chitonotus pugetensis</i>	
Sharpnose Sculpin, <i>Clinocottus acuticeps</i>	gray + green
Woolly Sculpin, <i>Clinocottus analis</i>	
Calico Sculpin, <i>Clinocottus embryum</i>	two variants
Mosshead Sculpin, <i>Clinocottus globiceps</i>	
Bald Sculpin, <i>Clinocottus recalvus</i>	
Coastrange Sculpin, <i>Cottus aleuticus</i>	
Prickly Sculpin, <i>Cottus asper</i>	
Buffalo Sculpin, <i>Enophrys bison</i>	
Antlered Sculpin, <i>Enophrys diceraus</i>	
Leister Sculpin, <i>Enophrys lucasi</i>	
Bull Sculpin, <i>Enophrys taurina</i>	
Armorhead Sculpin, <i>Gymnocanthus galeatus</i>	
Threaded Sculpin, <i>Gymnocanthus pistilliger</i>	male + female
Arctic Staghorn Sculpin, <i>Gymnocanthus tricuspis</i>	male + female
Red Irish Lord, <i>Hemilepidotus hemilepidotus</i>	
Yellow Irish Lord, <i>Hemilepidotus jordani</i>	
Butterfly Sculpin, <i>Hemilepidotus papilio</i>	male + female
Brown Irish Lord, <i>Hemilepidotus spinosus</i>	
Northern Sculpin, <i>Icelinus borealis</i>	
Dusky Sculpin, <i>Icelinus burchami</i>	
Pit-head Sculpin, <i>Icelinus cavifrons</i>	male + female
Threadfin Sculpin, <i>Icelinus filamentosus</i>	
Fringed Sculpin, <i>Icelinus fimbriatus</i>	
Yellowchin Sculpin, <i>Icelinus quadriseriatus</i>	
Spotfin Sculpin, <i>Icelinus tenuis</i>	
Blacknose Sculpin, <i>Icelus canaliculatus</i>	

Spatulate Sculpin, <i>Icelus spatula</i>	
Thorny Sculpin, <i>Icelus spiniger</i>	
Longfin Sculpin, <i>Jordania zonope</i>	pale + dark
Lavender Sculpin, <i>Leiocottus hirundo</i>	
Pacific Staghorn Sculpin, <i>Leptocottus armatus</i>	
Belligerent Sculpin, <i>Megalocottus platycephalus</i>	
Brightbelly Sculpin, <i>Microcottus sellaris</i>	male+ female
Plain Sculpin, <i>Myoxocephalus jaok</i>	
Warthead Sculpin, <i>Myoxocephalus niger</i>	
Great Sculpin, <i>Myoxocephalus polyacanthocephalus</i>	
Fourhorn Sculpin, <i>Myoxocephalus quadricornis</i>	
Arctic Sculpin, <i>Myoxocephalus scorpioides</i>	
Shorthorn Sculpin, <i>Myoxocephalus scorpius</i>	male + female
Frog Sculpin, <i>Myoxocephalus stelleri</i>	
Tidepool Sculpin, <i>Oligocottus maculosus</i>	three variants
Saddleback Sculpin, <i>Oligocottus rimensis</i>	
Fluffy Sculpin - green, <i>Oligocottus snyderi</i>	three variants
Snubnose Sculpin, <i>Orthonopias triacis</i>	two variants
Slim Sculpin, <i>Radulinus asprellus</i>	
Darter Sculpin, <i>Radulinus boleoides</i>	
Spinynose Sculpin, <i>Radulinus taylori</i>	two variants
Roughskin Sculpin, <i>Rastrinus scutiger</i>	
Roughcheek Sculpin, <i>Ruscarius creaseri</i>	
Puget Sound Sculpin, <i>Ruscarius meanyi</i>	
Cabazon, <i>Scorpaenichthys marmoratus</i>	+ juvenile
Manacled Sculpin, <i>Synchirus gilli</i>	male + female
Scissortail Sculpin, <i>Triglops forficatus</i>	
Ribbed Sculpin, <i>Triglops pingelii</i>	male + female
Spectacled Sculpin, <i>Triglops scepticus</i>	
Crested Sculpin, <i>Blepsias bilobus</i>	
Silverspotted Sculpin, <i>Blepsias cirrhosus</i>	
Bigmouth Sculpin, <i>Hemitripterus bolini</i>	
Sailfin Sculpin, <i>Nautichthys oculofasciatus</i>	
Eyeshade Sculpin, <i>Nautichthys pribilovius</i>	
Shortmast Sculpin, <i>Nautichthys robustus</i>	
Kelp Poacher, <i>Agonomalus mozinoi</i>	
Southern Spearnose Poacher, <i>Agonopsis sterletus</i>	
Northern Spearnose Poacher, <i>Agonopsis vulsa</i>	

Smooth Alligatorfish, <i>Anoplagonus inermis</i>	dark + pale
Alligatorfish, <i>Aspidophoroides monopterygius</i>	
Gray Starsnout, <i>Bathyagonus alascanus</i>	
Spinycheek Starsnout, <i>Bathyagonus infraspinatus</i>	
Blackfin Poacher, <i>Bathyagonus nigripinnis</i>	
Bigeye Poacher, <i>Bathyagonus pentacanthus</i>	
Rockhead, <i>Bothragonus swanii</i>	
Warty Poacher, <i>Chesnonia verrucosa</i>	
Fourhorn Poacher, <i>Hypsagonus quadricornis</i>	
Atlantic Poacher, <i>Leptagonus decagonus</i>	
Bering Poacher, <i>Occella dodecaedron</i>	
Pygmy Poacher, <i>Odontopyxis trispinosa</i>	
Tube-nose Poacher, <i>Pallasina barbata</i>	
Dragon Poacher, <i>Percis japonica</i>	
Sturgeon Poacher, <i>Podothecus accipenserinus</i>	
Veteran Poacher, <i>Podothecus veterinus</i>	
Sawback Poacher, <i>Sarritor frenatus</i>	
Longnose Poacher, <i>Sarritor leptorhynchus</i>	
Pricklebreast Poacher, <i>Stellerina xyosterna</i>	
Arctic Alligatorfish, <i>Ulcina olrikii</i>	
Blacktip Poacher, <i>Xeneretmus latifrons</i>	
Bluespotted Poacher, <i>Xeneretmus triacanthus</i>	
Spinyhead Sculpin, <i>Dasycottus setiger</i>	
Smoothcheek Sculpin, <i>Eurymen gyrinus</i>	
Blackfin Sculpin, <i>Malacocottus kincaidi</i>	
Darkfin Sculpin, <i>Malacocottus zonurus</i>	
Tadpole Sculpin, <i>Psychrolutes paradoxus</i>	
Soft Sculpin, <i>Psychrolutes sigalutes</i>	
Smooth Lumpsucker, <i>Aptocyclus ventricosus</i>	
Pacific Spiny Lumpsucker, <i>Eumicrotremus orbis</i>	male + female
Toad Lumpsucker, <i>Eumicrotremus phrynoides</i>	
Gray Snailfish, <i>Careproctus canus</i>	
Alaska Snailfish, <i>Careproctus colletti</i>	
Emarginate Snailfish, <i>Careproctus furcellus</i>	
Blacktail Snailfish, <i>Careproctus melanurus</i>	
Salmon Snailfish, <i>Careproctus rastrinus</i>	
Peachskin Snailfish, <i>Careproctus scottae</i>	
Stippled Snailfish, <i>Careproctus spectrum</i>	

Blotched Snailfish, <i>Crystallichthys cyclospilus</i>	
Dimdisk Snailfish, <i>Elassodiscus tremebundus</i>	
Spotted Snailfish, <i>Liparis callyodon</i>	
Ribbon Snailfish, <i>Liparis cyclopus</i>	
Marbled Snailfish, <i>Liparis dennyi</i>	
Gelatinous Seasnail, <i>Liparis fabricii</i>	
Tidepool Snailfish, <i>Liparis florae</i>	
Slipskin Snailfish, <i>Liparis fucensis</i>	
Variegated Snailfish, <i>Liparis gibbus</i>	three variants
Lobefin Snailfish, <i>Liparis greeni</i>	
Thumbtack Snailfish, <i>Liparis micraspidophorus</i>	
Slimy Snailfish, <i>Liparis mucosus</i>	plain + striped
Showy Snailfish, <i>Liparis pulchellus</i>	mottled + striped
Ringtail Snailfish, <i>Liparis rutteri</i>	
Kelp Snailfish, <i>Liparis tunicatus</i>	
Pygmy Snailfish, <i>Lipariscus nanus</i>	
Tadpole Snailfish, <i>Nectoliparis pelagicus</i>	
Striped Bass, <i>Morone saxatilis</i>	
Giant Sea Bass, <i>Stereolepis gigas</i>	+ juvenile
Splittail Bass, <i>Hemanthias peruanus</i>	
Hookthroat Bass, <i>Hemanthias signifer</i>	
Kelp Bass, <i>Paralabrax clathratus</i>	
Spotted Sand Bass, <i>Paralabrax maculatofasciatus</i>	+ juvenile
Barred Sand Bass, <i>Paralabrax nebulifer</i>	
Threadfin Bass, <i>Pronotogrammus multifasciatus</i>	
Leather Bass, <i>Dermatolepis dermatolepis</i>	
Gulf Coney, <i>Epinephelus acanthistius</i>	
Spotted Cabrilla, <i>Epinephelus analogus</i>	
Flag Cabrilla, <i>Epinephelus labriformis</i>	
Star-studded Grouper, <i>Epinephelus niphobles</i>	
Gulf Grouper, <i>Mycteroperca jordani</i>	
Broomtail Grouper, <i>Mycteroperca xenarcha</i>	
Pacific Creolefish, <i>Paranthias colonus</i>	+ juvenile
Popeye Catalufa, <i>Pristigenys serrula</i>	
Plain Cardinalfish, <i>Apogon atricaudus</i>	
Guadalupe Cardinalfish, <i>Apogon guadalupensis</i>	
Pink Cardinalfish, <i>Apogon pacificus</i>	
Pacific Golden-eyed Tilefish, <i>Caulolatilus affinis</i>	

Ocean Whitefish, <i>Caulolatilus princeps</i>	
Roosterfish, <i>Nematistius pectoralis</i>	
Dolphinfish, <i>Coryphaena hippurus</i>	male + female
Sharksucker, <i>Echeneis naucrates</i>	
Slender Suckerfish, <i>Phtheichthys lineatus</i>	
Whalesucker, <i>Remora australis</i>	pale + dark
Spearfish Remora, <i>Remora brachyptera</i>	pale + dark
Marlinsucker, <i>Remora osteochir</i>	
Remora, <i>Remora remora</i>	
White Suckerfish, <i>Remorina albescens</i>	
Green Jack, <i>Caranx caballus</i>	
Pacific Crevalle Jack, <i>Caranx caninus</i>	
Bigeye Trevally, <i>Caranx sexfasciatus</i>	
Pacific Bumper, <i>Chloroscombrus orqueta</i>	
Amberstripe Scad, <i>Decapterus muroadsi</i>	
Pilotfish, <i>Naucrates ductor</i>	
Mexican Lookdown, <i>Selene brevoortii</i>	+ juvenile
Pacific Moonfish, <i>Selene peruviana</i>	
Yellowtail Jack, <i>Seriola lalandi</i>	
Almaco Jack/Amberjack, <i>Seriola rivoliana</i>	
Paloma Pompano, <i>Trachinotus paitensis</i>	
Gafftopsail Pompano, <i>Trachinotus rhodopus</i>	
Jack Mackerel, <i>Trachurus symmetricus</i>	
Pacific Pomfret, <i>Brama japonica</i>	
Pacific Fanfish, <i>Pteraclis aesticola</i>	
Rough Pomfret, <i>Taractes asper</i>	
Sicklefin Pomfret, <i>Taractichthys steindachneri</i>	
Amarillo Snapper, <i>Lutjanus argentiventris</i>	
Colorado Snapper, <i>Lutjanus colorado</i>	
Spotted Rose Snapper, <i>Lutjanus guttatus</i>	
Pacific Dog Snapper, <i>Lutjanus novemfasciatus</i>	
Pacific Red Snapper, <i>Lutjanus peru</i>	
Pacific Tripletail, <i>Lobotes pacificus</i>	+ juvenile
Pacific Flagfin Mojarra, <i>Eucinostomus currani</i>	
Pacific Spotfin Mojarra, <i>Eucinostomus dowii</i>	
Sargo, <i>Anisotremus davidsoni</i>	+ juvenile
Armed Grunt, <i>Conodon serrifer</i>	
Salema, <i>Haemulon californiense</i>	

Cortez Grunt, <i>Haemulon flaviguttatum</i>	
Wavyline Grunt, <i>Microlepidotus inornatus</i>	
Pacific Porgy, <i>Calamus brachysomus</i>	
Blue Bobo, <i>Polydactylus approximans</i>	
Yellow Bobo, <i>Polydactylus opercularis</i>	
White Seabass, <i>Atractoscion nobilis</i>	+ juvenile
Black Croaker, <i>Cheilotrema saturnum</i>	dark, pale, juvenile
Shortfin Corvina, <i>Cynoscion parvipinnis</i>	
White Croaker, <i>Genyonemus lineatus</i>	
California Corbina, <i>Menticirrhus undulatus</i>	
Spotfin Croaker, <i>Roncador stearnsii</i>	
Queenfish, <i>Seriphus politus</i>	
Yellowfin Croaker, <i>Umbrina roncadorensis</i>	
Bigscale Goatfish, <i>Pseudupeneus grandisquamis</i>	
Opaleye, <i>Girella nigricans</i>	green + brown
Zebraperch, <i>Hermosilla azurea</i>	silver + gold
Blue-bronze Chub, <i>Kyphosus analogus</i>	
Bluestriped Chub, <i>Kyphosus ocyurus</i>	
Halfmoon, <i>Medialuna californiensis</i>	
Threebanded Butterflyfish, <i>Chaetodon humeralis</i>	
Scythe Butterflyfish, <i>Prognathodes falcifer</i>	
Cortez Angelfish, <i>Pomacanthus zonipectus</i>	+ juvenile
Barred Surfperch, <i>Amphistichus argenteus</i>	
Calico Surfperch, <i>Amphistichus koelzi</i>	
Redtail Surfperch, <i>Amphistichus rhodoterus</i>	
Kelp Perch, <i>Brachyistius frenatus</i>	
Shiner Perch, <i>Cymatogaster aggregata</i>	male + female
Black Perch, <i>Embiotoca jacksoni</i>	pale + dark
Striped Seaperch, <i>Embiotoca lateralis</i>	
Spotfin Surfperch, <i>Hyperprosopon anale</i>	
Walleye Surfperch, <i>Hyperprosopon argenteum</i>	male + female
Silver Surfperch, <i>Hyperprosopon ellipticum</i>	+ pelvic fins
Rainbow Seaperch, <i>Hypsurus caryi</i>	
Reef Perch, <i>Micrometrus aurora</i>	
Dwarf Perch, <i>Micrometrus minimus</i>	
Sharppnose Seaperch, <i>Phanerodon atripes</i>	
White Seaperch, <i>Phanerodon furcatus</i>	
Rubberlip Seaperch, <i>Rhacochilus toxotes</i>	pale + dark

Pile Perch, <i>Rhacochilus vacca</i>	
Pink Seaperch, <i>Zalembeus rosaceus</i>	
Panamic Sergeant Major, <i>Abudefduf troschelii</i>	
Swallow Damsel, <i>Azurina hirundo</i>	
Silverstripe Chromis, <i>Chromis alta</i>	
Blacksmith, <i>Chromis punctipinnis</i>	
Garibaldi, <i>Hypsypops rubicundus</i>	
Rock Wrasse, <i>Halichoeres semicinctus</i>	male, female, juv
Loosetooth Parrotfish, <i>Nicholsina denticulata</i>	male + female
Señorita, <i>Oxyjulis californica</i>	
California Sheephead, <i>Semicossyphus pulcher</i>	male, female, juv
Alaskan Ronquil, <i>Bathymaster caeruleofasciatus</i>	
Smallmouth Ronquil, <i>Bathymaster leurolepis</i>	
Searcher, <i>Bathymaster signatus</i>	
Stripefin Ronquil, <i>Rathbunella alleni</i>	male + female
Bluebanded Ronquil, <i>Rathbunella hypoplecta</i>	
Northern Ronquil, <i>Ronquilus jordani</i>	male + female
Twoline Eelpout, <i>Bothrocara brunneum</i>	
Soft Eelpout, <i>Bothrocara molle</i>	
Alaska Eelpout, <i>Bothrocara pusillum</i>	
Halfbarred Pout, <i>Gymnelus hemifasciatus</i>	male + female
Fish Doctor - female, <i>Gymnelus viridis</i>	male + female
Shortfin Eelpout, <i>Lycodes brevipes</i>	
Ebony Eelpout, <i>Lycodes concolor</i>	
Bigfin Eelpout, <i>Lycodes cortezianus</i>	
Black Eelpout, <i>Lycodes diapterus</i>	
Saddled Eelpout, <i>Lycodes mucosus</i>	
Blackbelly Eelpout, <i>Lycodes pacificus</i>	male + female
Wattled Eelpout, <i>Lycodes palearis</i>	male + female
Canadian Eelpout, <i>Lycodes polaris</i>	
Marbled Eelpout, <i>Lycodes raridens</i>	
Threespot Eelpout, <i>Lycodes rossi</i>	
Longear Eelpout, <i>Lycodes seminudus</i>	
Midwater Pout, <i>Melanostigma pammelas</i>	
Blackline Prickleback, <i>Acantholumpenus mackayi</i>	
Stout Eelblenny, <i>Anisarchus medius</i>	
Slender Cockscomb, <i>Anoplarchus insignis</i>	
High Cockscomb, <i>Anoplarchus purpureus</i>	+ breeding male

Nutcracker Prickleback, <i>Bryozoichthys lysimus</i>	
Pearly Prickleback, <i>Bryozoichthys marjorius</i>	
Monkeyface Prickleback, <i>Cebidichthys violaceus</i>	+ juvenile
Decorated Warbonnet, <i>Chirolophis decoratus</i>	
Mosshead Warbonnet, <i>Chirolophis nugator</i>	
Masked Prickleback, <i>Ernogrammus walkeri</i>	
Fourline Snakeblenny, <i>Eumesogrammus praecisus</i>	
Sixspot Prickleback, <i>Kasatkia seigeli</i>	
Daubed Shanny, <i>Leptoclinus maculatus</i>	
Longsnout Prickleback, <i>Lumpenella longirostris</i>	
Saddled Prickleback, <i>Lumpenopsis clitella</i>	
Y-Prickleback, <i>Lumpenopsis hypochroma</i>	
Slender Eelblenny, <i>Lumpenus fabricii</i>	
Snake Prickleback, <i>Lumpenus sagitta</i>	
Ribbon Prickleback, <i>Phytichthys chirus</i>	pale + dark
Bluebarred Prickleback, <i>Plectobranchnus evides</i>	
Whitebarred Prickleback, <i>Poroclinus rothroeki</i>	
Arctic Shanny, <i>Stichaeus punctatus</i>	
Black Prickleback, <i>Xiphister atropurpureus</i>	
Rock Prickleback, <i>Xiphister mucosus</i>	mottled + uniform
Dwarf Wrymouth, <i>Cryptacanthodes aleutensis</i>	
Giant Wrymouth, <i>Cryptacanthodes giganteus</i>	
Penpoint Gunnel, <i>Apodichthys flavidus</i>	green + ochre
Longfin Gunnel, <i>Pholis clemensi</i>	pink + red
Banded Gunnel, <i>Pholis fasciata</i>	
Crescent Gunnel, <i>Pholis laeta</i>	green + orange
Saddleback Gunnel, <i>Pholis ornata</i>	two variants
Red Gunnel, <i>Pholis schultzi</i>	
Stippled Gunnel, <i>Rhodymenichthys dolichogaster</i>	
Kelp Gunnel, <i>Ulvicola sanctaerosae</i>	
Rockweed Gunnel, <i>Xerperes fucorum</i>	red + green
Bering Wolffish, <i>Anarhichas orientalis</i>	+ juvenile
Wolf-eel, <i>Anarrhichthys ocellatus</i>	+ juvenile
Quillfish, <i>Ptilichthys goodei</i>	
Prowfish, <i>Zaprora silenus</i>	
Graveldiver, <i>Scytalina cerdale</i>	
Pacific Sandfish, <i>Trichodon trichodon</i>	
Pacific Sand Lance, <i>Ammodytes hexapterus</i>	

Pacific Stargazer, <i>Astroscopus zephyreus</i>	
Smooth Stargazer, <i>Kathetostoma averruncus</i>	
Bay Blenny, <i>Hypsoblennius gentilis</i>	
Rockpool Blenny, <i>Hypsoblennius gilberti</i>	
Mussel Blenny, <i>Hypsoblennius jenkinsi</i>	+ cirri
Sabertooth Blenny, <i>Plagiotremus azaleus</i>	
Spotted Kelpfish, <i>Gibbonsia elegans</i>	
Striped Kelpfish, <i>Gibbonsia metzi</i>	
Crevice Kelpfish, <i>Gibbonsia montereyensis</i>	barred + solid
Giant Kelpfish, <i>Heterostichus rostratus</i>	four variants
Island Kelpfish, <i>Alloclinus holderi</i>	red + violet
Deepwater Blenny, <i>Cryptotrema corallinum</i>	
Reef Finspot, <i>Paraclinus integripinnis</i>	
Orangethroat Pikeblenny, <i>Chaenopsis alepidota</i>	male + female
Sarcastic Fringehead, <i>Neoclinus blanchardi</i>	male + female
Yellowfin Fringehead, <i>Neoclinus stephensae</i>	blotched + pale
Onespot Fringehead, <i>Neoclinus uninotatus</i>	
Ragfish, <i>Icosteus aenigmaticus</i>	+ juvenile
Lined Clingfish, <i>Gobiesox eugrammus</i>	
Northern Clingfish, <i>Gobiesox maeandricus</i>	
Bearded Clingfish, <i>Gobiesox papillifer</i>	
California Clingfish, <i>Gobiesox rhessodon</i>	
Channel Islands Clingfish, <i>Rimicola cabrilloi</i>	
Southern Clingfish, <i>Rimicola dimorpha</i>	
Slender Clingfish, <i>Rimicola eigenmanni</i>	
Kelp Clingfish, <i>Rimicola muscarum</i>	dark + pale
Pacific Fat Sleeper, <i>Dormitator latifrons</i>	
Yellowfin Goby, <i>Acanthogobius flavimanus</i>	
Arrow Goby, <i>Clevelandia ios</i>	
Longtail Goby, <i>Ctenogobius sagittula</i>	
Tidewater Goby, <i>Eucyclogobius newberryi</i>	
Longjaw Mudsucker, <i>Gillichthys mirabilis</i>	+ female head
Cheekspot Goby, <i>Ilypnus gilberti</i>	
Bay Goby, <i>Lepidogobius lepidus</i>	
Halfblind Goby, <i>Lethops connectens</i>	
Bluebanded Goby, <i>Lythrypnus dalli</i>	dark + pale
Zebra Goby, <i>Lythrypnus zebra</i>	
Shadow Goby, <i>Quietula y-cauda</i>	

Blackeye Goby, <i>Rhinogobiops nicholsii</i>	3 variants
Shokihaze Goby, <i>Tridentiger barbatus</i>	
Shimofuri Goby, <i>Tridentiger bifasciatus</i>	
Chameleon Goby, <i>Tridentiger trigonocephalus</i>	pale + dark
Blind Goby, <i>Typhlogobius californiensis</i>	
Pacific Spadefish, <i>Chaetodipterus zonatus</i>	+ juvenile
Louvar, <i>Luvarus imperialis</i>	
Pacific Barracuda, <i>Sphyræna argentea</i>	
Snake Mackerel, <i>Gempylus serpens</i>	
Escolar, <i>Lepidocybium flavobrunneum</i>	
Oilfish, <i>Ruvettus pretiosus</i>	
Razorback Scabbardfish, <i>Assurger anzac</i>	
Pacific Cutlassfish, <i>Trichiurus nitens</i>	
Wahoo, <i>Acanthocybium solandri</i>	
Bullet Mackerel, <i>Auxis rochei</i>	
Frigate Mackerel, <i>Auxis thazard</i>	
Kawakawa, <i>Euthynnus affinis</i>	
Black Skipjack, <i>Euthynnus lineatus</i>	
Skipjack Tuna, <i>Katsuwonus pelamis</i>	
Pacific Bonito, <i>Sarda chiliensis</i>	
Pacific Chub Mackerel, <i>Scomber japonicus</i>	
Gulf Sierra, <i>Scomberomorus concolor</i>	male + female
Pacific Sierra, <i>Scomberomorus sierra</i>	
Albacore/Longfin Tuna, <i>Albie, Thunnus alalunga</i>	
Yellowfin Tuna, <i>Thunnus albacares</i>	
Bigeye Tuna, <i>Thunnus obesus</i>	
Pacific Bluefin Tuna, <i>Thunnus orientalis</i>	
Swordfish/Broadbill, <i>Xiphias gladius</i>	+ juvenile
Black Marlin, <i>Istiompax indica</i>	
Sailfish, <i>Istiophorus platypterus</i>	
Blue Marlin, <i>Makaira nigricans</i>	
Shortbill Spearfish, <i>Tetrapturus angustirostris</i>	
Striped Marlin/Striper, <i>Kajikia audax</i>	
Medusafish, <i>Icichthys lockingtoni</i>	
Black Fathead, <i>Cubiceps baxteri</i>	
Bluefin Driftfish, <i>Psenes pellucidus</i>	+ juvenile
Smalleye Squaretail, <i>Tetragonurus cuvieri</i>	
Pacific Pompano, <i>Peprilus simillimus</i>	

Pacific Sanddab, <i>Citharichthys sordidus</i>	+ dark variant
Speckled Sanddab, <i>Citharichthys stigmaeus</i>	
Longfin Sanddab, <i>Citharichthys xanthostigma</i>	
Bigmouth Sole, <i>Hippoglossina stomata</i>	
California Halibut, <i>Paralichthys californicus</i>	
Fantail Sole, <i>Xystreureus liolepis</i>	
Kamchatka Flounder, <i>Atheresthes evermanni</i>	
Arrowtooth Flounder, <i>Atheresthes stomias</i>	
Roughscale Sole, <i>Clidoderma asperrimum</i>	
Deepsea Sole, <i>Embassichthys bathybius</i>	
Petrale Sole, <i>Eopsetta jordani</i>	
Rex Sole, <i>Glyptocephalus zachirus</i>	
Flathead Sole, <i>Hippoglossoides elassodon</i>	
Bering Flounder, <i>Hippoglossoides robustus</i>	
Pacific Halibut, <i>Hippoglossus stenolepis</i>	
Diamond Turbot, <i>Hypsopsetta guttulata</i>	
Butter Sole, <i>Isopsetta isolepis</i>	
Southern Rock Sole, <i>Lepidopsetta bilineata</i>	
Northern Rock Sole, <i>Lepidopsetta polyxystra</i>	
Yellowfin Sole, <i>Limanda aspera</i>	
Longhead Dab, <i>Limanda proboscidea</i>	
Arctic Flounder, <i>Liopsetta glacialis</i>	
Slender Sole, <i>Lyopsetta exilis</i>	
Dover Sole, <i>Microstomus pacificus</i>	
English Sole, <i>Parophrys vetulus</i>	
Starry Flounder, <i>Platichthys stellatus</i>	
Alaska Plaice, <i>Pleuronectes quadrituberculatus</i>	
C-O Sole, <i>Pleuronichthys coenosus</i>	+ head
Curlfin Sole, <i>Pleuronichthys decurrens</i>	+ head
Spotted Turbot, <i>Pleuronichthys ritteri</i>	+ head
Hornyhead Turbot, <i>Pleuronichthys verticalis</i>	+ head
Sand Sole, <i>Psettichthys melanostictus</i>	
Greenland Halibut, <i>Reinhardtius hippoglossoides</i>	
Speckledtail Flounder, <i>Engyophrys sanctilaurentii</i>	
California Tonguefish, <i>Symphurus atricaudus</i>	+ night-time
Finescale Triggerfish, <i>Balistes polylepis</i>	+ pale variant
Black Durgon, <i>Melichthys niger</i>	
Redtail Triggerfish, <i>Xanthichthys mento</i>	male+female

Spiny Boxfish, *Lactoria diaphana*
 Oceanic Puffer, *Lagocephalus lagocephalus*
 Bullseye Puffer, *Sphoeroides annulatus* + juvenile
 Longnose Puffer, *Sphoeroides lobatus*
 Spotted Burrfish, *Chilomycterus reticulatus* + juvenile
 Balloonfish, *Diodon holacanthus*
 Porcupinefish, *Diodon hystrix*
 Ocean Sunfish, *Mola mola*
 Slender Mola, *Ranzania laevis*

Tunas and Billfishes of the World:

Wahoo, *Acanthocybium solandri*
 Slender tuna, *Allothenus fallai*
 Bullet Mackerel, *Auxis rochei*
 Frigate Mackerel / Tuna, *Auxis thazard*
 Leaping Bonito, *Cybiosarda elegans*
 Kawakawa, *Euthynnus affinis*
 Little tunny, *Euthynnus alletteratus*
 Black Skipjack, *Euthynnus lineatus* + streaked variant
 Butterfly Kingfish, *Gasterochisma melampus* + juvenile
 Shark Mackerel, *Grammatorcynus bicarinatus* + dark variant
 Double-lined Mackerel, *Grammatorcynus bilineatus*
 Dogtooth Tuna, *Gymnosarda unicolor*
 Skipjack Tuna, *Katsuwonus pelamis*
 Plain Bonito, *Orcynopsis unicolor* Plain Bonito + variant
 Short Mackerel, *Rastrelliger brachysoma*
 Island Mackerel, *Rastrelliger faughni*
 Indian Mackerel, *Rastrelliger kanagurta* + feeding
 Australian Bonito, *Sarda australis*
 Pacific Bonito, *Sarda chiliensis*
 Striped Bonito, *Sarda orientalis*
 Atlantic bonito, *Sarda sarda*
 Blue Mackerel, *Scomber australasicus* + green variant
 Atlantic chub mackerel, *Scomber colias*
 Pacific Chub Mackerel, *Scomber japonicus*
 Scomber scombrus Atlantic Mackerel
 Serra Spanish Mackerel, *Scomberomorus brasiliensis*

King mackerel, <i>Scomberomorus cavalla</i>	+ juvenile
Narrow-barred Spanish Mackerel, <i>Scomberomorus commerson</i>	+ juvenile
Monterey Spanish Mackerel, <i>Scomberomorus concolor</i>	male+female
Indo-Pacific King Mackerel, <i>Scomberomorus guttatus</i>	
Korean Seerfish, <i>Scomberomorus koreanus</i>	
Streaked Seerfish, <i>Scomberomorus lineolatus</i>	
Spanish Mackerel, <i>Scomberomorus maculatus</i>	
Papuan Seerfish, <i>Scomberomorus multiradiatus</i>	
Spotted Mackerel, <i>Scomberomorus munroi</i>	
Japanese Seerfish, <i>Scomberomorus niphonius</i>	+ pale variant
Queen Mackerel, <i>Scomberomorus plurilineatus</i>	
School Mackerel, <i>Scomberomorus queenslandicus</i>	
Cero, <i>Scomberomorus regalis</i>	
Broad-barred Mackerel, <i>Scomberomorus semifasciatus</i>	
Pacific Sierra, <i>Scomberomorus sierra</i>	
Chinese Seerfish, <i>Scomberomorus sinensis</i>	
West African Spanish Mackerel, <i>Scomberomorus tritor</i>	
Albacore Tuna, <i>Thunnus alalunga</i>	
Yellowfin Tuna, <i>Thunnus albacares</i>	+ juvenile
Blackfin Tuna, <i>Thunnus atlanticus</i>	
Southern Bluefin Tuna, <i>Thunnus maccoyii</i>	
Bigeye Tuna, <i>Thunnus obesus</i>	+ juvenile
Pacific Bluefin Tuna, <i>Thunnus orientalis</i>	
Atlantic Bluefin Tuna, <i>Thunnus thynnus</i>	+ juvenile
Longtail Tuna, <i>Thunnus tonggol</i>	
Swordfish, <i>Xiphias gladius</i>	+ small & large juvs
Black Marlin, <i>Istiompax indica</i>	+ small & large juvs
Sailfish, <i>Istiophorus platypterus</i>	+ larva & juvenile
White Marlin, <i>Kajikia albida</i>	+ juvenile
Striped Marlin, <i>Kajikia audax</i>	
Blue Marlin, <i>Makaira nigricans</i>	+ juvenile
Shortbill Spearfish, <i>Tetrapturus angustirostris</i>	
Mediterranean Shortbill Spearfish, <i>Tetrapturus belone</i>	
Round-scale Spearfish, <i>Tetrapturus georgii</i>	
Longbill Spearfish, <i>Tetrapturus pfluegeri</i>	

Tropical Pacific saltwater Fishes

Golden Jack, *Gnathanodon speciosus* adult + juv
Big long-nosed butterflyfish, *Forcipiger longirostris*
Eibls pygmy anglefish, *Centropyge eibli*
Fire dartfish, *Nemateleostis magnifica*
Great barracuda, *Sphyrna barracuda*
Mandarinfish, *Synchiropus splendidus*
Scribbled filefish, *Aluterus scriptus*
Shrimpfish, *Aeoliscus strigatus*
Smith fangblenny, *Meiacanthus smithii*
Spinecheek anemonefish, *Premnas biaculeatus*
Volitans lionfish, *Pterois volitans*
Yellow tang, *Zebrasoma flavescens*
Yellowback anthias, *Pseudanthias evansi*
Zebra moray, *Gymnomuraena zebra*

North American Freshwater Fishes

Alabama Shad, *Alosa alabamae*
Allegheny Pearl Dace, *Margariscus margarita* male
Alligator Gar, *Lepisosteus vitreum*
American Shad, *Alosa sapidissima*
Appalachia Darter, *Percina gymnocephala*
Atlantic Salmon, *Salmo salar*
Banded Killifish, *Fundulus diaphanus*
Banded Pygmy Sunfish, *Elassoma zonatum*
Banded Sculpin, *Cottus carolinae*
Banded Sunfish, *Enneacanthus obesus*
Bigeye Jumprock, *Moxostoma ariommum*
Big Mouth Buffalo Sucker, *Ictiobus cyprinellus*
Black Banded Sunfish, *Enneacanthus chaetodon*
Black Bullhead, *Ameiurus melus*
Black Crappie, *Pomoxis nigromaculatus*
Blacknose Dace, *Rhinichthys atratulus*
Blackstripe Minnow, *Fundulus notatus*
Blacktip Jumprock, *Moxostoma cervinum*
Bleeding Shiner, *Luxilus zonatus*

Blue Catfish, <i>Ictalurus furcatus</i>	
Blue Sucker, <i>Cycleptus elongates</i>	
Bluegill, <i>Lepomis macrochirus</i>	
Bluehead Chub, <i>Nocomis leptocephalus</i>	male
Bluespotted Sunfish, <i>Enneacanthus gloriosus</i>	
Bowfin, <i>Amia calva</i>	
Brook Trout, <i>Salvelinus fontinalis</i>	
Brown Bullhead, <i>Ictalurus nebulosus</i>	
Brown Trout, <i>Salmo trutta</i>	
Bull Chub, <i>Nocomis raneyi</i>	
Candy Darter, <i>Etheostoma osburni</i>	male
Central Stoneroller, <i>Campostoma anomalum</i>	
Chain Pickerel, <i>Esox niger</i>	
Channel catfish, <i>Ictalurus punctatus</i>	
Chinook Salmon, <i>Onchorynchus tshawytscha</i>	searun + male spawning
Chum Salmon, <i>Onchorhynchus keta</i>	
Clinch Dace, <i>Chrosomus sp. cf. sayori</i>	
Common Carp, <i>Cyprinus carpio</i>	+ mirror
Common Goldfish, <i>Carassius auratus</i>	
Creek Chub, <i>Semotilus atromaculatus</i>	
Creek Chubsucker, <i>Erimyzon oblongus</i>	
Crescent Shiner - <i>Luxilus cerasinus</i>	male
Cutlip Minnow - <i>Exoglossum maxillingua</i>	
Dolly Varden, <i>Salvenius malma</i>	spawning
Diamond Killifish, <i>Adinia xenica</i>	
Eastern Mosquitofish, <i>Gambusia holbrooki</i>	male + female
Eastern Mudminnow, <i>Umbra pygmaea</i>	
Emerald Shiner, <i>Notropis atherinoides</i>	
Everglades Pygmy Sunfish, <i>Elassoma evergladei</i>	
Fantail Darter, <i>Etheostoma fabellare</i>	
Fathead Minnow, <i>Pimephales promelas</i>	
Flat Bullhead, <i>Ameiurus platycephalus</i>	
Flathead Catfish, <i>Pylodictis olivarius</i>	
Flathead Chub, <i>Platygobio gracilis</i>	
Flier, <i>Centrarchus macropterus</i>	
Freshwater Drum, <i>Aplodinotus grunniens</i>	
Gizzard Shad, <i>Dorosoma cepedianum</i>	
Glassy Darter, <i>Etheostoma vitreum</i>	

Golend Darter, <i>Etheostoma denoncourty</i>	male
Goldeye, <i>Hiodon alosoides</i>	
Golden Trout, <i>Onchorhynchus aguabonita</i>	
Grass Carp, <i>Ctenopharyngodon idella</i>	
Green Sunfish, <i>Lepomis cyanellus</i>	
Greenside Darter, <i>Etheostoma blenniodes</i>	
Inland Silverside, <i>Menidia beryllina</i>	
Johnny Sarter, <i>Etheostoma nigrum</i>	
Kanawha darter, <i>Etheostoma kanawhae</i>	
Lake Sturgeon, <i>Acipenser fulvescens</i>	
Largemouth Bass, <i>Micropterus salmoides</i>	
Lined Topminnow, <i>Fundulus lineolatus</i>	male + female
Longear Sunfish, <i>Lepomis megalotis</i>	
Longnose Dace, <i>Rhinichthys cataractae</i>	
Longnose Gar, <i>Lepisosteus osseus</i>	
Longnose Killifish, <i>Fundulus similis</i>	male + female
Margined Madtom, <i>Noturus insignis</i>	
Mountain Mullet, <i>Agonostomus monticola</i>	
Mountain Redbelly Dace, <i>Chrosomus oreas</i>	
Mud Sunfish, <i>Acantharchus pomotis</i>	
Mummichog, <i>Fundulus heteroclitus</i>	male + female
Muskellunge, <i>Esox masquinongy</i>	
Northern Studfish, <i>Fundulus catenatus</i>	
Orangefin Madtom, <i>Noturus gilberti</i>	
Ozark Minnow, <i>Notropis ozarcanus</i>	
Pallid Sturgeon, <i>Scaphirhynchus albus</i>	
Pink Salmon, <i>Onchorhynchus gorbuscha</i>	
Pirate Perch, <i>Aphredoderus sayanus</i>	
Pumpkinseed, <i>Lepomis gibbosus</i>	
Quillback, <i>Carpoides cyprinus</i>	
Rainbow Trout, <i>Oncorhynchus mykiss</i>	freshwater
Rainbow smelt, <i>Osmerus mordax</i>	
Rainwater killifish, <i>Lucania parva</i>	male + female
Redbreast Sunfish, <i>Lepomis auritus</i>	
Redear Sunfish, <i>Lepomis microlophus</i>	
Redfin (Grass) pickerel, <i>Esox americanus</i>	
Redfin Shiner, <i>Lythurus umbratilis</i>	
Redlip Shiner, <i>Notropis chiliticus</i>	

Rio Grande Cichlid, <i>Ciclasoma cyanoguttatum</i>	
River Carpsucker, <i>Carpoides carpio</i>	
River Darter, <i>Percina shumardi</i>	
Riverweed Darter, <i>Etheostoma podostemone</i>	male
Roanoke Darter, <i>Percina roanoka</i>	
Roanoke Hog Sucker, <i>Hypentelium roanokense</i>	
Roanoke Log Perch, <i>Percina rex</i>	
Robust Redhorse, <i>Moxostoma robustum</i>	
Rosefin Shiner - <i>Lythurus ardens</i>	male
Rosyface Shiner - <i>Notropis rubellus</i>	male
Rosyside Dace, <i>Clinostomus funduloides</i>	
Saffron Shiner - <i>Notropis rubricoeus</i>	male
Sailfin Molly, <i>Poecilia latipinna</i>	male + female
Satinfin Shiner - <i>Cyprinella analostana</i>	
Shorthead Redhorse, <i>Moxostoma macrolepidotum</i>	
Shortnose Gar, <i>Lepisosteus platostomus</i>	
Shortnose Sturgeon, <i>Acipenser brevirostrum</i>	
Silver Redhorse, <i>Moxostoma anisurum</i>	
Silverband Shiner, <i>Notropis shumardi</i>	
Sharphead Darter, <i>Etheostoma acuticeps</i>	male
Sharpnose Darter, <i>Percina oxyrhynchus</i>	
Shield Darter, <i>Percina pelata</i>	
Skipjack Herring, <i>Alosa chyrsochloris</i>	
Smallmouth Bass, <i>Micropterus dolomieu</i>	
Smallmouth Buffalo Sucker, <i>Ictiobus bubalus</i>	
Speckled Chub, <i>Macrhybopsis aestivalis</i>	
Spotfin Shiner, <i>Cyprinella spiloptera</i>	
Spottail Shiner, <i>Notropis hudsonius</i>	
Spotted Chubsucker, <i>Minytrema melanops</i>	
Spotted Gar, <i>Lepisosteus oculatus</i>	
Spotted Sunfish, <i>Lepomis punctatus</i>	
Sockeye Salmon, <i>Onchorhynchus nerka</i>	male spawning
Steelhead Trout, <i>Onchorhynchus mykiss</i>	searun + spawning
Stonecat, <i>Noturus flavus</i>	
Stripeback Darter, <i>Percina notogramma</i>	male
Striped Bass hybrid, <i>Morone saxatilis</i> x <i>M. chrysops</i>	
Striped Killifish, <i>Fundulus majalis</i>	male + female
Striped Mullet, <i>Mugil cephalus</i>	

Swallowtail Shiner - <i>Notropis procne</i>	
Swannanoa Darter, <i>Etheostoma swannanoa</i>	male
Swampfish, <i>Chologaster cornuta</i>	
Tessellated Darter, <i>Etheostoma olmstedii</i>	
Theadfin Shad, <i>Dorosoma petenense</i>	
Threespine Stickleback, <i>Gasterosteus aculeatus</i>	
Torrent Sucker, <i>Thoburnia rhothoeca</i>	
V-lip Redhorse - <i>Moxostoma pappillosum</i>	
Walleye, <i>Stizostedion vitreum</i>	
Warmouth, <i>Lepomis gulosus</i>	
Western Sand Darter, <i>Ammocrypta clara</i>	
Western Mosquitofish, <i>Gambusia affinis</i>	male + female
White Bass, <i>Morone chrysops</i>	
White Catfish, <i>Ameriurus catus</i>	
White Crappie, <i>Pomoxis annularis</i>	
White Perch, <i>Morone americana</i>	
White Sturgeon, <i>Acipenser transmontanus</i>	
White Shiner - <i>Luxilus albeolus</i>	male
Wounded Darter, <i>Etheostoma vulneratum</i>	male
Yellow Bullhead, <i>Ictalurus natatis</i>	
Yellow perch, <i>Perca flavescens</i>	
Yellowfin Madtom, <i>Noturus flavipinnis</i>	