

Table 1. Common and scientific names of species reported in the 1987-1999 commercial landings

Common name	Scientific name	Common name	Scientific name
<b>Fishes</b>			
Anchovy, deepbody	<i>Anchoa compressa</i>	Goby, bluebanded	<i>Lythrypnus dalli</i>
Anchovy, northern	<i>Engraulis mordax</i>	Goby, yellowfin	<i>Acanthogobius flavimanus</i>
Barracuda, California	<i>Sphyræna argentea</i>	Greenling, kelp	<i>Hexagrammos decagrammus</i>
Bass, barred sand	<i>Paralabrax nebulifer</i>	Grenadiers	<i>Macrouridae</i>
Bass, giant sea	<i>Stereolepis gigas</i>	Grouper	<i>Mycteroperca / Epinephelus</i>
Bass, kelp	<i>Paralabrax clathratus</i>	Grouper, broomtail	<i>Mycteroperca xenarcha</i>
Bass, rock	<i>Paralabrax spp.</i>	Grunion, California	<i>Leuresthes tenuis</i>
Bass, spotted sand	<i>Paralabrax maculatofasciatus</i>	Guitarfish, shovelnose	<i>Rhinobatos productus</i>
Blacksmith	<i>Chromis punctipinnis</i>	Hagfish	<i>Eptatretus spp.</i>
Bonito, Pacific	<i>Sarda chilensis</i>	Halfmoon	<i>Medialuna californiensis</i>
Butterfish (Pacific pompano)	<i>Peprilus simillimus</i>	Halibut, California	<i>Paralichthys californicus</i>
Cabezon	<i>Scorpaenichthys marmoratus</i>	Halibut, Pacific	<i>Hippoglossus stenolepis</i>
Cabrilla, spotted	<i>Epinephelus analogus</i>	Halibut, unspecified	<i>Pleuronectiformes</i>
Cod, Pacific	<i>Gadus macrocephalus</i>	Herring roe on kelp	<i>Clupea/algae</i>
Corbina, California	<i>Menticirrhus undulatus</i>	Herring, Pacific	<i>Clupea pallasii</i>
Corvina, shortfin	<i>Cynoscion parvipinnis</i>	Herring, roe	<i>Clupea pallasii</i>
Croaker, black	<i>Cheilotrema saturnum</i>	Herring, round	<i>Etrumeus teres</i>
Croaker, unspecified	<i>Sciaenidae</i>	Jack, Pacific crevalle	<i>Caranx caninus</i>
Croaker, white	<i>Genyonemus lineatus</i>	Jacks, unspecified	<i>Carangidae</i>
Croaker, yellowfin	<i>Umbrina roncadore</i>	Jacksmelt	<i>Atherinopsis californiensis</i>
Dolphin (fish)	<i>Coryphaena hippurus</i>	Kahawai	<i>Annipis trutta</i>
Eel	<i>Osteichthyes</i>	Kelpfish, giant	<i>Heterostichus rostratus</i>
Eel, California moray	<i>Gymnothorax mordax</i>	Kelpfishes	<i>Gibbonsia spp.</i>
Eel, spotted cusk-	<i>Chilara taylori</i>	Killifish, California	<i>Fundulus parvipinnis</i>
Eel, wolf (wolf-eel)	<i>Anarrhichthys ocellatus</i>	Lingcod	<i>Ophiodon elongatus</i>
Escolar	<i>Lepidocybium flavobrunneum</i>	Lizardfish, California	<i>Synodus lucioceph</i>
Eulachon	<i>Thaleichthys pacificus</i>	Louvar	<i>Luvarus imperialis</i>
Fish, unspecified	<i>Osteichthyes</i>	Mackerel, bullet	<i>Auxis rochei</i>
Flounder, arrowtooth	<i>Atheresthes stomias</i>	Mackerel, jack	<i>Trachurus symmetricus</i>
Flounder, starry	<i>Platichthys stellatus</i>	Mackerel, Pacific	<i>Scomber japonicus</i>
Flounder, unspecified	<i>Pleuronectidae</i>	Mackerel, unspecified	<i>Scomber / Trachurus</i>
Flyingfish	<i>Exocoetidae spp.</i>	Midshipman, plainfin	<i>Porichthys notatus</i>
Garibaldi	<i>Hypsypops rubicundus</i>	Mudsucker, longjaw	<i>Gillichthys mirabilis</i>
Needlefish, California	<i>Strongylura exilis</i>	Mullet, striped	<i>Mugil cephalus</i>
		Shark, bigeye thresher	<i>Alopias superciliosus</i>

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Oilfish	<i>Ruvettus pretiosus</i>	Shark, blacktip	<i>Carcharhinus limbatus</i>
Opah	<i>Lampris guttatus</i>	Shark, blue	<i>Prionace glauca</i>
Opaleye	<i>Girella nigricans</i>	Shark, brown smoothhound	<i>Mustelus henlei</i>
Prickleback, monkeyface	<i>Cebidichthys violaceus</i>	Shark, dusky	<i>Carcharhinus obscurus</i>
Queenfish	<i>Seriphus politus</i>	Shark, gray smoothhound	<i>Mustelus californicus</i>
Ratfish, spotted	<i>Hydrolagus colliei</i>	Shark, horn	<i>Heterodontus francisci</i>
Ray, bat	<i>Myliobatis californica</i>	Shark, leopard	<i>Triakis semifasciata</i>
Ray, Pacific electric	<i>Torpedo californica</i>	Shark, Pacific angel	<i>Squatina californica</i>
Ray, unspecified	<i>Rajiformes</i>	Shark, pelagic thresher	<i>Alopias pelagicus</i>
Sablefish	<i>Anoplopoma fimbria</i>	Shark, salmon	<i>Lamna ditropis</i>
Salema	<i>Xenistius californiensis</i>	Shark, sevengill	<i>Notorynchus cepedianus</i>
Salmon	<i>Oncorhynchus spp.</i>	Shark, shortfin mako	<i>Isurus oxyrinchus</i>
Salmon, Chinook	<i>Oncorhynchus tshawytscha</i>	Shark, sixgill	<i>Hexanchus griseus</i>
Salmon, chum	<i>Oncorhynchus keta</i>	Shark, smooth hammerhead	<i>Sphyrna zygaena</i>
Salmon, coho	<i>Oncorhynchus kisutch</i>	Shark, soupfin	<i>Galeorhinus galeus</i>
Salmon, pink	<i>Oncorhynchus gorbuscha</i>	Shark, spiny dogfish	<i>Squalus acanthias</i>
Salmon, roe (Chinook and coho)	<i>Oncorhynchus spp.</i>	Shark, swell	<i>Cephaloscyllium ventriosum</i>
Sanddab	<i>Citharichthys spp.</i>	Shark, thresher	<i>Alopias vulpinus</i>
Sanddab, longfin	<i>Citharichthys xanthostigma</i>	Shark, unspecified	<i>Selachii spp.</i>
Sanddab, Pacific	<i>Citharichthys sordidus</i>	Shark, white	<i>Carcharodon carcharias</i>
Sanddab, speckled	<i>Citharichthys stigmaeus</i>	Sharks, cow	<i>Hexanchidae</i>
Sardine, juvenile	<i>Sardinops sagax caeruleus</i>	Sheephead, California	<i>Semicossyphus pulcher</i>
Sardine, Pacific	<i>Sardinops sagax caeruleus</i>	Sierra, Pacific	<i>Scomberomorus sierra</i>
Sargo	<i>Anisotremus davidsonii</i>	Silversides	<i>Atherinidae</i>
Saury, Pacific	<i>Cololabis saira</i>	Skate, big	<i>Raja binoculata</i>
Scorpionfish, California	<i>Scorpaena guttata</i>	Skate, California	<i>Raja inornata</i>
Sculpin, staghorn	<i>Leptocottus armatus</i>	Skate, thornback	<i>Platyrrhinoidis triseriata</i>
Sculpin, yellowchin	<i>Icelinus quadriseriatus</i>	Skate, unspecified	<i>Rajidae</i>
Seabass, white	<i>Atractoscion nobilis</i>	Smelt, night	<i>Spirinchus starksi</i>
Senorita	<i>Oxyjulis californica</i>	Smelt, surf	<i>Hypomesus pretiosus</i>
Shad, American	<i>Alosa sapidissima</i>	Smelt, whitebait	<i>Allosmerus elongatus</i>
Shad, threadfin	<i>Dorosoma petenense</i>	Smelts, true	<i>Osmeridae</i>
Shark, basking	<i>Cetorhinus maximus</i>	Snapper -Mexico-	<i>Lutianidae</i>
Sole, bigmouth	<i>Hippoglossina stomata</i>	Topsmelt	<i>Atherinops affinis</i>

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Sole, butter	<i>Pleuronectes isolepis</i>	Trawled fish for animal food	<i>Osteichthyes</i>
Sole, C-O	<i>Pleuronichthys coenosus</i>	Trawled fish, unspecified	<i>Osteichthyes</i>
Sole, Dover	<i>Microstomus pacificus</i>	Triggerfish	<i>Balistidae</i>
Sole, English	<i>Pleuronectes vetulus</i>	Tuna, albacore	<i>Thunnus alalunga</i>
Sole, fantail	<i>Xystreureys liolepis</i>	Tuna, bigeye	<i>Thunnus obesus</i>
Sole, petrale	<i>Eopsetta jordani</i>	Tuna, blackfin	<i>Thunnus atlanticus</i>
Sole, rex	<i>Errex zachirus</i>	Tuna, bluefin	<i>Thunnus thynnus</i>
Sole, rock	<i>Pleuronectes bilineatus</i>	Tuna, longtail	<i>Thunnus tonggol</i>
Sole, sand	<i>Psettichthys melanostictus</i>	Tuna, skipjack	<i>Katsuwonus pelamis</i>
Sole, slender	<i>Eopsetta exilis</i>	Tuna, skipjack, black	<i>Euthynnus lineatus</i>
Sole, tongue	<i>Symphurus atricauda</i>	Tuna, unspecified	<i>Scombridae</i>
Sole, unspecified	<i>Pleuronectiformes</i>	Tuna, yellowfin	<i>Thunnus albacares</i>
Stickleback, threespine	<i>Gasterosteus aculeatus</i>	Turbot	<i>Pleuronectidae</i>
Stingray	<i>Dasyatidae</i>	Turbot, curlfin	<i>Pleuronichthys decurrens</i>
Sturgeons	<i>Acipenseridae</i>	Turbot, diamond	<i>Hypsopsetta guttulata</i>
Sunfish, ocean	<i>Mola mola</i>	Turbot, hornyhead	<i>Pleuronichthys verticalis</i>
Surfperch, barred	<i>Amphistichus argenteus</i>	Wahoo	<i>Acanthocybium solanderi</i>
Surfperch, black	<i>Embiotoca jacksoni</i>	Whitefish, ocean	<i>Caulolatilus princeps</i>
Surfperch, calico	<i>Amphistichus koelzi</i>	Whiting, Pacific	<i>Merluccius productus</i>
Surfperch, dwarf	<i>Micrometrus minimus</i>	Wrasse, rock	<i>Halichoeres semicinctus</i>
Surfperch, pile	<i>Rhacochilus vacca</i>	Yellowtail	<i>Seriola lalandi</i>
Surfperch, rainbow	<i>Hypsurus caryi</i>	Zebraperch	<i>Hermosilla azurea</i>
Surfperch, redtail	<i>Amphistichus rhodoterus</i>		
Surfperch, rubberlip	<i>Rhacochilus toxotes</i>		
Surfperch, shiner	<i>Cymatogaster aggregata</i>		
Surfperch, unspecified	<i>Embiotocidae</i>		
Surfperch, walleye	<i>Hyperprosopon argenteum</i>		
Surfperch, white	<i>Phanerodon furcatus</i>		
Swordfish	<i>Xiphias gladius</i>		
Thornyhead, longspine	<i>Sebastolobus altivelis</i>		
Thornyhead, shortspine	<i>Sebastolobus alascanus</i>		
Thornyheads	<i>Sebastolobus spp.</i>		
Tomcod, Pacific	<i>Microgadus proximus</i>		
		<b>Rockfishes</b>	
		Rockfish, aurora	<i>Sebastes aurora</i>
		Rockfish, bank	<i>Sebastes rufus</i>
		Rockfish, black	<i>Sebastes melanops</i>
		Rockfish, black-and-yellow	<i>Sebastes chrysomelas</i>
		Rockfish, blackgill	<i>Sebastes melanostomus</i>
		Rockfish, blue	<i>Sebastes mystinus</i>
		Rockfish, bocaccio	<i>Sebastes paucispinis</i>
		Rockfish, bronzespotted	<i>Sebastes gilli</i>
		Rockfish, brown	<i>Sebastes auriculatus</i>

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Rockfish, canary	<i>Sebastes pinniger</i>	Rockfish, speckled	<i>Sebastes ovalis</i>
Rockfish, chameleon	<i>Sebastes phillipsi</i>	Rockfish, splitnose	<i>Sebastes diploproa</i>
Rockfish, chilipepper	<i>Sebastes goodei</i>	Rockfish, squarespot	<i>Sebastes hopkinsi</i>
Rockfish, China	<i>Sebastes nebulosus</i>	Rockfish, starry	<i>Sebastes constellatus</i>
Rockfish, copper	<i>Sebastes caurinus</i>	Rockfish, swordspine	<i>Sebastes ensifer</i>
Rockfish, copper (whitebelly) <sup>a</sup>	<i>Sebastes caurinus</i>	Rockfish, treefish	<i>Sebastes serriceps</i>
Rockfish, cowcod	<i>Sebastes levis</i>	Rockfish, unspecified	<i>Sebastes spp.</i>
Rockfish, darkblotched	<i>Sebastes crameri</i>	Rockfish, vermilion	<i>Sebastes miniatus</i>
Rockfish, flag	<i>Sebastes rubrivinctus</i>	Rockfish, widow	<i>Sebastes entomelas</i>
Rockfish, gopher	<i>Sebastes carnatus</i>	Rockfish, yelloweye	<i>Sebastes ruberrimus</i>
Rockfish, grass	<i>Sebastes rastrelliger</i>	Rockfish, yellowtail	<i>Sebastes flavidus</i>
Rockfish, greenblotched	<i>Sebastes rosenblatti</i>		
Rockfish, greenspotted	<i>Sebastes chlorostictus</i>	<b>Crustaceans</b>	
Rockfish, greenstriped	<i>Sebastes elongatus</i>	Barnacle	<i>Cirripedia</i>
Rockfish, group black/blue	<i>Sebastes/group</i>	Crab, box	<i>Lopholithodes foraminatus</i>
Rockfish, group bocaccio/chilipepper	<i>Sebastes/group</i>	Crab, brown rock	<i>Cancer antennarius</i>
Rockfish, group bolina	<i>Sebastes/group</i>	Crab, claws	<i>Cancer spp.</i>
Rockfish, group canary/vermilion	<i>Sebastes/group</i>	Crab, Dungeness	<i>Cancer magister</i>
Rockfish, group deepwater reds	<i>Sebastes/group</i>	Crab, king	<i>Paralithodes spp.</i>
Rockfish, group gopher	<i>Sebastes/group</i>	Crab, pelagic red	<i>Pleuroncodes planipes</i>
Rockfish, group nearshore	<i>Sebastes/group</i>	Crab, red rock	<i>Cancer productus</i>
Rockfish, group red	<i>Sebastes/group</i>	Crab, rock unspecified	<i>Cancer spp.</i>
Rockfish, group rosefish	<i>Sebastes/group</i>	Crab, sand	<i>Emerita analoga</i>
Rockfish, group small	<i>Sebastes/group</i>	Crab, shore	<i>Pachygrapsus crassipes</i>
Rockfish, honeycomb	<i>Sebastes umbrosus</i>	Crab, spider	<i>Loxorhynchus spp.</i>
Rockfish, kelp	<i>Sebastes atrovirens</i>	Crab, tanner	<i>Chionoecetes tanneri</i>
Rockfish, olive	<i>Sebastes serranoides</i>	Crab, yellow rock	<i>Cancer anthonyi</i>
Rockfish, Pacific ocean perch	<i>Sebastes alutus</i>	Crustacean, unspecified	<i>Crustacea</i>
Rockfish, pink	<i>Sebastes eos</i>	Lobster, California spiny	<i>Panulirus interruptus</i>
Rockfish, pinkrose	<i>Sebastes simulator</i>	Prawn, golden	<i>Penaeus Californiensis</i>
Rockfish, quillback	<i>Sebastes maliger</i>	Prawn, ridgeback	<i>Eusicyonia ingentus</i>
Rockfish, redbanded	<i>Sebastes babcocki</i>	Prawn, spot	<i>Pandalus platyceros</i>
Rockfish, rosethorn	<i>Sebastes helvomaculatus</i>	Shrimp, bay	<i>Crangonidae</i>
Rockfish, rosy	<i>Sebastes rosaceus</i>	Shrimp, brine	<i>Artemia salina</i>
Rockfish, shortbelly	<i>Sebastes jordani</i>	Shrimp, coonstriped	<i>Pandalus danae</i>

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Shrimp, ghost	<i>Callinassa californiensis</i>	Mollusk, unspecified	<i>Mollusca</i>
Shrimp, mantis	<i>Hemisquilla ensigera californiensis</i>	Mussel	<i>Mytilus spp.</i>
Shrimp, Pacific Ocean	<i>Pandalus jordani</i>	Octopus, unspecified	<i>Octopus spp.</i>
Shrimp, red rock	<i>Lysmata californica</i>	Oyster, California native	<i>Ostrea lurida</i>
Shrimp, unspecified	<i>Crustacea</i>	Oyster, eastern	<i>Crassostrea virginica</i>
<b>Echinoderms</b>		Oyster, European flat	<i>Ostrea edulis</i>
Sand dollar	<i>Dendraster excentricus</i>	Oyster, giant Pacific	<i>Crassostrea gigas</i>
Sea cucumber, unspecified	<i>Holothuroidea</i>	Oyster, unspecified	<i>Ostreidae</i>
Sea stars	<i>Asteroidea</i>	Scallop, rock	<i>Crassadoma gigantea</i>
Urchin, purple sea	<i>Strongylocentrotus purpuratus</i>	Scallop, unspecified	<i>Pectinidae</i>
Urchin, red	<i>Strongylocentrotus franciscanus</i>	Sea hare	<i>Aplysia spp.</i>
Urchin, white	<i>Lytechinus anamesus</i>	Sea slug	<i>Opisthobranchia</i>
Echinoderm, unspecified	<i>Echinodermata</i>	Snail, bubble	<i>Bulla gouldiana</i>
<b>Mollusks</b>		Snail, sea	<i>Gastropoda</i>
Abalone	<i>Haliotis spp.</i>	Squid, jumbo	<i>Doscidicus gigas</i>
Abalone, black	<i>Haliotis cracherodii</i>	Squid, market	<i>Loligo opalescens</i>
Abalone, flat	<i>Haliotis walallensis</i>	Whelk, Kellet's	<i>Kelletia kelletii</i>
Abalone, green	<i>Haliotis fulgens</i>	<b>Plants</b>	
Abalone, pink	<i>Haliotis corrugata</i>	Agar	<i>Gelidium spp.</i>
Abalone, pinto	<i>Haliotis kamtschatkana</i>	Algae, marine	<i>Phycophyta</i>
Abalone, red	<i>Haliotis rufescens</i>	Kelp	<i>Macrocystis spp.</i>
Abalone, threaded	<i>Haliotis assimilis</i>	<b>Miscellaneous invertebrates</b>	
Abalone, white	<i>Haliotis sorenseni</i>	Anemones	<i>Anthozoa</i>
Chiton, unspecified	<i>Polyplacophora</i>	Invertebrates, colonial	<i>Cnidaria</i>
Clam, California jackknife	<i>Tagelus californianus</i>	Sea pansy	<i>Renilla koellikeri</i>
Clam, common littleneck	<i>Protothaca staminea</i>	Spiders, sea	<i>Pycnogonida</i>
Clam, gaper	<i>Tresus nuttalli</i>	Sponges	<i>Porifera</i>
Clam, northern quahog	<i>Mercenaria mercenaria</i>	Tunicates	<i>Urochordata</i>
Clam, northern razor	<i>Siliqua patula</i>	Worms, marine	<i>Polychaeta</i>
Clam, purple	<i>Nuttallia nuttallii</i>	Invertebrate, unspecified	
Clam, rosy razor	<i>Solen sicarius</i>	<sup>a</sup> Whitebelly rockfish is included because a number of landings were recorded as such, even though whitebelly rockfish and copper rockfish are the same species.	
Clam, unspecified	<i>Bivalvia</i>		
Limpet, unspecified	<i>Archaeogastropoda</i>		