SPECIES CODEBOOK MARCH, 2011



RESOURCE ASSESMENT AND CONSERVATION ENGINEERING DIVISION ALASKA FISHERIES SCIENCE CENTER NATIONAL MARINE FISHERIES SERVICE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION U.S. DEPARTMENT OF COMMERCE

SPECIES CODE BOOK RESOURCE ASSESSMENT AND CONSERVATION ENGINEERING DIVISION

The Species Code listings given in this manual are the most complete and correct copies of the RACE Division's central Species Code database, as of:

March 2011

This manual replaces all previous Species Code book versions.

The source of these listings is a single Species Code table maintained at the AFSC, Seattle. This source table, started during the 1950's, now includes approximately 1600 marine species (and higher taxa) from Pacific Northwest and Alaskan waters.

The Species Code book is a listing of codes used for fish and invertebrates identified in RACE division surveys. It is not a comprehensive list of all taxa potentially available to the surveys nor a hierarchical taxonomic key. It is a linear listing of codes applied to individual catch records. Specifically, a code assigned to a genus or higher refers to animals identified only to that level. It does not include animals identified to lower levels listed under other codes. An individual specimen is only represented once by any one code.

The Code listing is periodically reviewed by RACE staff to ensure its accuracy and standardization. Names used are those established by general usage in the scientific community, using the following published resources: Names of Fishes (AFS, 1991), Names of Decapod Crustaceans (AFS, 1989), Names of Mollusks (AFS, 1988, 1998), Names of Cnidaria and Ctenophora (AFS, 1991), and the most recent Integrated Taxonomic Information System (ITIS) database (http://www.itis.usda.gov/). Names used in this Code list may differ on the basis of the most recent research. No subspecies will be included in the Species Code List.

Previous species code assignments may become obsolete because taxa are no longer recorded in the database (for example, because of reidentifications of vouchered specimens or taxonomic reclassification). These codes are omitted from the present listings but are included in a separate table with the date of revision to the Species Code List.

New assignments of species codes are considered provisional until

the new codes and associated names have been checked against, and incorporated within, the central Species Code table in Seattle. New codes must be consistent with the original taxonomic organization of the Species Code file given in List 4. Submit proposed codes to the Data Manager, RACE Division, AFSC.

SPECIES CODE LISTINGS

LI	ST	PAGE
1	NUMERIC LISTING OF ALL SPECIES	3
2	ALPHABETIC LISTING OF FISH	83
3	ALPHABETIC LISTING OF INVERTEBRATES	112
4	SPECIES CODE LIMITS OF MAJOR TAXONOMIC GROUPS	164
5	COMMONLY-USED SPECIES CODES OUTSIDE BACK	COVER

_____ ____

3

- 1 fish eggs unident.
- 2 fish larvae unident.
- 3 fish unident.
- 10 Petromyzontidae
- 10 lamprey unident.
- 21 Lampetra tridentata
- 21 Pacific lamprey
- 100 Myxinidae
- 100 hagfish unident.
- 109 Eptatretus sp.
- 110 Eptatretus deani
- 110 black hagfish
- 120 Eptatretus stouti
- 120 Pacific hagfish
- 150 shark unident.
- 151 Chondrichthyes
- 151 cartilaginous fish unident.
- 160 Selachimorpha egg case
- 160 Shark egg case unident.
- 180 Alopias vulpinus
- 180 thresher shark
- 200 Scyliorhinidae
- 200 cat shark unident.
- 201 Apristurus brunneus egg case
- 201 cat shark egg case
- 210 Apristurus brunneus
- 210 brown cat shark
- 211 Parmaturus xaniurus
- 211 filetail cat shark
- 212 Apristurus kampae
- 212 longnose cat shark
- 213 Apristurus sp.
- 214 Cephaloscyllium ventriosum
- 214 swell shark
- 222 Hexanchus griseus
- 222 sixqill shark
- 232 Lamna ditropis
- 232 salmon shark
- 242 Cetorhinus maximus
- 242 basking shark
- 252 Pacific angel shark
- 252 Squatina californica
- 310 Squalus acanthias
- 310 spiny dogfish
- 311 Centroscyllium nigrum
- 311 combtooth dogfish
- 320 Pacific sleeper shark
- 320 Somniosus pacificus
- 332 Galeorhinus galeus

CODE NAME 332 soupfin shark 339 Mustelus sp. 340 Mustelus henlei 340 brown smoothhound 341 Mustelus californicus 341 gray smoothhound 351 Prionace glauca 351 blue shark 355 Triakis semifasciata 355 leopard shark 400 Rajidae 400 skate unident. 401 skate egg case unident. 402 Bathyraja sp. egg case 403 Raja sp. egg case 404 Raja sp. 405 Bathyraja sp. 406 Bathyraja spinosissima 406 white skate 410 Bathyraja abyssicola 410 deepsea skate 411 Bathyraja abyssicola egg case 411 deepsea skate egg case 420 Raja binoculata 420 big skate 421 Raja binoculata egg case 425 California skate 425 Raja inornata 435 Bathyraja interrupta 435 Bering skate 436 Bathyraja interrupta egg case 440 Raja rhina 440 longnose skate 441 Raja rhina egg case 441 longnose skate egg case 445 Raja badia 445 roughshoulder skate 446 Raja badia egg case 450 Raja stellulata 450 starry skate 455 Bathyraja taranetzi 455 mud skate 456 Bathyraja taranetzi egg case 456 mud skate egg case 460 Bathyraja trachura 460 roughtail skate 461 Bathyraja trachura egg case 471 Alaska skate

471 Bathyraja parmifera

5 CODE NAME 472 Aleutian skate 472 Bathyraja aleutica 473 Aleutian skate egg case 473 Bathyraja aleutica egg case 474 Alaska skate egg case 474 Bathyraja parmifera egg case 475 Bathyraja lindbergi 475 commander skate 476 Bathyraja lindbergi egg case 476 Commander skate egg case 477 Bathyraja sp. cf. parmifera (Orr et al.) 477 leopard skate 478 Bathyraja sp. cf. parmifera egg case 478 Leopard skate egg case 480 Bathyraja maculata 480 whiteblotched skate 481 Bathyraja maculata egg case 481 whiteblotched skate egg case 483 Bathyraja mariposa 483 butterfly skate 484 Bathyraja mariposa egg case 484 Butterfly skate egg case 485 Bathyraja minispinosa 485 whitebrow skate 486 Bathyraja minispinosa egg case 486 whitebrow skate egg case 490 Bathyraja smirnovi 490 golden skate 495 Bathyraja violacea 495 Okhotsk skate 610 Pacific electric ray 610 Torpedo californica 710 Hydrolagus colliei 710 spotted ratfish 711 Hydrolagus colliei egg case 10001 Pleuronectiformes 10001 flatfish unident. 10002 Pleuronectiformes larvae 10002 flatfish larvae 10003 Bothidae 10003 lefteye flounder unident. 10008 Citharichthys sp. 10008 sanddab unident. 10009 Citharichthys xanthostigma 10009 longfin sanddab

10020 Citharichthys stigmaeus 10020 speckled sanddab

10010 Pacific sanddab

10010 Citharichthys sordidus

CODE NAME 10041 Hippoglossina stomata 10041 bigmouth sole 10050 California halibut 10050 Paralichthys californicus 10060 Xystreurys liolepis 10060 fantail sole 10100 Pleuronectidae 10100 righteye flounder unident. 10110 Atheresthes stomias 10110 arrowtooth flounder 10111 Atheresthes sp. 10112 Atheresthes evermanni 10112 Kamchatka flounder 10115 Greenland turbot 10115 Reinhardtius hippoglossoides 10120 Hippoglossus stenolepis 10120 Pacific halibut 10122 Parophrys vetulus X Platichthys stellatus hybrid 10122 hybrid sole 10129 Hippoglossoides sp. 10130 Hippoglossoides elassodon 10130 flathead sole 10140 Bering flounder 10140 Hippoglossoides robustus 10145 Hypsopsetta guttulata 10145 diamond turbot 10150 Lyopsetta exilis 10150 slender sole 10155 Arctic flounder 10155 Liopsetta glacialis 10160 Eopsetta jordani 10160 petrale sole 10170 English sole 10170 Parophrys vetulus 10180 Dover sole 10180 Microstomus pacificus 10190 Embassichthys bathybius 10190 deepsea sole 10200 Glyptocephalus zachirus 10200 rex sole 10201 rex sole larvae 10210 Limanda aspera 10210 yellowfin sole 10211 Limanda proboscidea 10211 longhead dab 10212 Limanda sakhalinensis 10212 Sakhalin sole 10220 Platichthys stellatus 10220 starry flounder

10221 Hybrid starry flounder X Alaska plaice 10221 Platichthys stellatus X Pleuronectes quadrituberculatus

7

10240 Clidoderma asperrimum 10240 roughscale sole

10250 Psettichthys melanostictus

10250 sand sole

10260 Lepidopsetta sp.

10260 rock sole unident.

10261 Lepidopsetta polyxystra

10261 northern rock sole

10262 Lepidopsetta bilineata

10262 southern rock sole

10270 Isopsetta isolepis

10270 butter sole

10280 Pleuronichthys decurrens

10280 curlfin sole

10281 Pleuronichthys verticalis

10281 hornyhead turbot

10285 Alaska plaice

10285 Pleuronectes quadrituberculatus

10290 C-O sole

10290 Pleuronichthys coenosus

10291 Pleuronichthys sp.

10295 Pleuronichthys ritteri

10295 spotted turbot

10400 California tonguefish

10400 Symphurus atricauda

20000 Agonidae

20000 poacher unident.

20001 Pallasina barbata

20001 tubenose poacher

20002 Percis japonicus

20002 dragon poacher

20004 Leptagonus sp.

20005 Leptagonus leptorhynchus

20005 longnose poacher

20006 Leptagonus frenatus

20006 sawback poacher

20007 Atlantic poacher

20007 Leptagonus decagonus

20015 Agonopsis vulsa

20015 northern spearnose poacher

20018 Odontopyxis trispinosa

20018 pygmy poacher

20020 Xeneretmus latifrons

20020 blacktip poacher

20021 Xeneretmus triacanthus

20021 bluespotted poacher

20022 Xeneretmus leiops

- 20022 smootheye poacher
- 20023 Xeneretmus sp.
- 20034 Bathyagonus sp.
- 20034 starsnout poacher unident.
- 20035 Bathyagonus alascanus
- 20035 gray starsnout
- 20036 Bathyagonus infraspinatus
- 20036 spinycheek starsnout
- 20037 Bathyagonus pentacanthus
- 20037 bigeye poacher
- 20038 Bathyagonus nigripinnis
- 20038 blackfin poacher
- 20039 Podothecus sp.
- 20040 Podothecus accipenserinus
- 20040 sturgeon poacher
- 20041 Podothecus veternus
- 20041 veteran poacher
- 20050 Aleutian alligatorfish
- 20050 Aspidophoroides bartoni
- 20051 Arctic alligatorfish
- 20051 Ulcina olrikii
- 20055 Anoplagonus inermis
- 20055 smooth alligatorfish
- 20060 Chesnonia verrucosa
- 20060 warty poacher
- 20061 Bering poacher
- 20061 Occella dodecaedron
- 20071 Hypsagonus quadricornis
- 20071 fourhorn poacher
- 20075 Stellerina xyosterna
- 20075 pricklebreast poacher
- 20100 Alepocephalidae
- 20100 slickhead unident.
- 20105 Asquamiceps caeruleus
- 20105 caerulean slickhead
- 20110 Alepocephalus sp.
- 20120 Alepocephalus tenebrosus
- 20120 California slickhead
- 20121 Bajacalifornia burragei
- 20121 sharpchin slickhead
- 20122 Bajacalifornia megalops
- 20130 Rouleina attrita
- 20130 softskin slickhead
- 20150 Talismania bifurcata
- 20150 threadfin slickhead
- 20179 Maulisia sp.
- 20180 Maulisia mauli
- 20181 Maulisia argipalla
- 20181 pitted tubeshoulder

CODE NAME 20202 Ammodytes hexapterus 20202 Pacific sand lance 20320 Anarrhichthys ocellatus 20320 wolf-eel 20322 Anarhichas orientalis 20322 Bering wolffish 20420 Anoplogaster cornuta 20420 fangtooth 20510 Anoplopoma fimbria 20510 sablefish 20542 Aulorhynchus flavidus 20542 tube-snout 20571 Argentinidae 20571 argentine unident. 20572 Nansenia candida 20572 bluethroat argentine 20573 Argentina sialis 20573 Pacific argentine 20575 Atherinidae 20575 silverside unident. 20576 Atherinops affinis 20576 topsmelt 20577 Antherinopsis californiensis 20577 jacksmelt 20610 Engraulis mordax 20610 northern anchovy 20614 Bathylagidae 20614 deepsea smelt unident. 20615 Bathylagus pacificus 20615 Pacific blacksmelt 20619 Bathylagus sp. 20619 blacksmelt unident. 20620 Bathylagus milleri 20620 robust blacksmelt 20622 Leuroglossus schmidti 20622 northern smoothtongue 20624 Bathylagus ochotensis 20624 popeye blacksmelt 20660 Leuroglossus sp. 20662 California smoothtongue 20662 Leuroglossus stilbius 20700 Bathymasteridae 20700 ronguil unident. 20702 Ronquilus jordani 20702 northern ronquil 20712 Alaskan ronguil 20712 Bathymaster caeruleofasciatus 20713 Bathymaster leurolepis

20713 smallmouth ronquil

21010 Chauliodus macouni

20720 Bathymaster signatus 20720 searcher 20722 Bathymaster derjugini 20722 bluecheek ronguil 20731 Rathbunella hypoplecta 20731 smooth ronquil 20801 Porichthys notatus 20801 plainfin midshipman 20802 Porichthys sp. 20803 Batrachoididae 20803 toadfishes 20842 Brama japonica 20842 Pacific pomfret 20871 Bathylaco nigricans 20871 bonythroat 20900 Ophidiidae 20900 cusk-eel unident. 20901 Chilara taylori 20901 spotted cusk-eel 20902 Ophidion scrippsae 20902 basketweave cusk-eel 20905 Lamprogrammus niger 20905 paperbone cusk-eel 20908 Dicrolene sp. 20910 Dicrolene filamentosa 20910 threadfin cusk-eel 20915 Melanonus zugmayeri 20915 arrowtail 20920 Cataetyx sp. 20921 Cataetyx rubrirostris 20921 rubynose brotula 20930 Brosmophycis marginata 20930 red brotula 20952 Trachurus symmetricus 20952 jack mackerel 20960 Ceratioidei 20971 Melanocetus johnsonii 20971 common blackdevil 20980 Ceratiidae 20980 seadevils unident. 20981 Cryptopsaras couesii 20981 triplewart seadevil 20990 Cetomimidae 20990 flabby whalefishes 20995 Rondeletia loricata 20995 armored redmouth whalefish 21000 Chauliodontinae 21000 viperfish unident.

CODE NAME 21010 Pacific viperfish 21110 Clupea pallasi 21110 Pacific herring 21120 Alosa sapidissima 21120 American shad 21130 Pacific sardine 21130 Sardinops sagax 21150 Gigantactis sp. 21200 Macrouridae 21200 grenadier unident. 21201 California grenadier 21201 Nezumia stelgidolepis 21202 Nezumia liolepis 21202 smooth grenadier 21204 Caelorinchus scaphopsis 21204 shoulderspot grenadier 21210 Coryphaenoides sp. 21220 Coryphaenoides acrolepis 21220 Pacific grenadier 21230 Albatrossia pectoralis 21230 giant grenadier 21232 Coryphaenoides cinereus 21232 popeye grenadier 21238 Coryphaenoides filifer 21238 filamented grenadier 21239 Coryphaenoides longifilis 21239 longfin grenadier 21240 Malacocephalus laevis 21240 softhead grenadier 21300 Cottidae 21300 sculpin unident. 21305 Zesticelus profundorum 21305 flabby sculpin 21307 Icelinus sp. 21308 Thyriscus anoplus 21308 sponge sculpin 21309 Icelinus oculatus

21310 threadfin sculpin 21311 Icelinus borealis 21311 northern sculpin

21309 frogmouth sculpin 21310 Icelinus filamentosus

- 21311 northern sculpin
- 21312 Icelinus tenuis
- 21312 spotfin sculpin
- 21313 Gymnocanthus sp.
- 21314 Gymnocanthus pistilliger
- 21314 threaded sculpin
- 21315 Arctic staghorn sculpin
- 21315 Gymnocanthus tricuspis

- 21316 Gymnocanthus galeatus
- 21316 armorhead sculpin
- 21318 Icelinus fimbriatus
- 21318 fringed sculpin
- 21320 Radulinus asprellus
- 21320 slim sculpin
- 21327 Clinocottus acuticeps
- 21327 sharpnose sculpin
- 21328 Artediellus camchaticus
- 21328 Kamchatka hookear sculpin
- 21329 Gymnocanthus detrisus
- 21329 purplegray sculpin
- 21330 Scorpaenichthys marmoratus
- 21330 cabezon
- 21331 Artediellus sp.
- 21332 Artediellus miacanthus
- 21332 bride sculpin
- 21333 Artediellus pacificus
- 21333 hookhorn sculpin
- 21334 Artediellus scaber
- 21334 hamecon
- 21335 Arctic hookear sculpin
- 21335 Artediellus uncinatus
- 21336 Artediellus gomojunovi
- 21336 spinyhook sculpin
- 21337 Bolinia euryptera
- 21337 broadfin sculpin
- 21338 Malacocottus aleuticus
- 21338 whitetail sculpin
- 21339 Malacocottus sp.
- 21340 Malacocottus kincaidi
- 21340 blackfin sculpin
- 21341 Malacocottus zonurus
- 21341 darkfin sculpin
- 21342 Hemilepidotus sp.
- 21342 Irish lord
- 21343 Hemilepidotus gilberti
- 21343 banded Irish lord
- 21344 Hemilepidotus spinosus
- 21344 brown Irish lord
- 21345 Hemilepidotus zapus
- 21345 longfin Irish lord
- 21346 Hemilepidotus hemilepidotus
- 21346 red Irish lord
- 21347 Hemilepidotus jordani
- 21347 yellow Irish lord
- 21348 Hemilepidotus papilio
- 21348 butterfly sculpin
- 21349 Archistes plumarius

- 21349 plumed sculpir
- 21350 Triglops sp.
- 21351 Triglops nybelini
- 21351 bigeye sculpin
- 21352 Triglops forficata
- 21352 scissortail sculpin
- 21353 Triglops metopias
- 21353 crescent-tail sculpin
- 21354 Triglops scepticus
- 21354 spectacled sculpin
- 21355 Triglops pingeli
- 21355 ribbed sculpin
- 21356 Triglops macellus
- 21356 roughspine sculpin
- 21359 Archistes biseriatus
- 21359 scaled sculpin
- 21360 Microcottus sellaris
- 21360 brightbelly sculpin
- 21363 Artedius lateralis
- 21363 smoothhead sculpin
- 21366 Chitonotus pugetensis
- 21366 roughback sculpin
- 21368 Myoxocephalus verrucosus
- 21368 warty sculpin
- 21369 Myoxocephalus niger
- 21369 warthead sculpin
- 21370 Myoxocephalus polyacanthocephalus
- 21370 great sculpin
- 21371 Myoxocephalus jaok
- 21371 plain sculpin
- 21373 Myoxocephalus stelleri
- 21373 frog sculpin
- 21375 Myoxocephalus sp.
- 21376 Megalocottus platycephalus
- 21376 belligerent sculpin
- 21377 Myoxocephalus quadricornis
- 21377 fourhorn sculpin
- 21378 Arctic sculpin
- 21378 Myoxocephalus scorpioides
- 21379 Trichocottus brashnikovi
- 21379 hairhead sculpin
- 21380 Leptocottus armatus
- 21380 Pacific staghorn sculpin
- 21383 Gilbertidia sigalutes
- 21383 soft sculpin
- 21384 Enophrys sp.
- 21386 Enophrys bison
- 21386 buffalo sculpin
- 21387 Enophrys lucasi

CODE NAME 21387 leister sculpin 21388 Enophrys diceraus 21388 antlered sculpin 21389 Enophrys taurina 21389 bull sculpin 21390 Dasycottus setiger 21390 spinyhead sculpin 21393 Psychrolutes sp. 21394 Psychrolutes paradoxus 21394 tadpole sculpin 21395 Psychrolutes phrictus 21395 blob sculpin 21397 Blepsias bilobus 21397 crested sculpin 21398 Blepsias cirrhosus 21398 silverspotted sculpin 21405 Nautichthys pribilovius 21405 eyeshade sculpin 21406 Nautichthys oculofasciatus 21406 sailfin sculpin 21407 Nautichthys robustus 21407 shortmast sculpin 21415 Rhamphocottus richardsoni 21415 grunt sculpin 21420 Hemitripterus bolini 21420 bigmouth sculpin 21421 Hemitripterus villosus 21421 sea raven 21422 Hemitripterus bolini eggs 21422 bigmouth sculpin eggs 21423 Eurymen gyrinus 21423 smoothcheek sculpin 21429 Triglops xenostethus 21429 scalybreasted sculpin 21436 Puget Sound sculpin 21436 Ruscarius meanyi 21437 Icelinus burchami 21437 dusky sculpin 21438 Icelus spiniger 21438 thorny sculpin 21439 Icelus canaliculatus 21439 blacknose sculpin 21440 Icelus euryops 21440 wide-eye sculpin 21441 Icelus spatula 21441 spatulate sculpin 21443 Icelus uncinalis

21443 uncinate sculpin 21444 Rastrinus scutiger

.---- ------

- 21444 roughskin sculpin
- 21445 Jordania zonope
- 21445 longfin sculpin
- 21446 Icelus sp.
- 21447 Paricelinus hopliticus
- 21447 thornback sculpin
- 21484 Paralabrax nebulifer
- 21484 barred sand bass
- 21500 Embiotocidae
- 21500 surfperch unident.
- 21501 Amphistichus argenteus
- 21501 barred surfperch
- 21502 Amphistichus rhodoterus
- 21502 redtail surfperch
- 21503 Hyperprosopon argenteum
- 21503 walleye surfperch
- 21506 Embiotoca lateralis
- 21506 striped surfperch
- 21510 Cymatogaster aggregata
- 21510 shiner perch
- 21515 Hyperprosopon anale
- 21515 spotfin surfperch
- 21521 Rhacochilus vacca
- 21521 pile perch
- 21522 Zalembius rosaceus
- 21522 pink seaperch
- 21592 Pacific sandfish
- 21592 Trichodon trichodon
- 21594 Chiasmodontidae
- 21594 swallowers
- 21595 Kali indica
- 21595 shortnose swallower
- 21596 Chiasmodon niger
- 21596 black swallower
- 21597 Kali normani
- 21597 needletooth swallower
- 21598 Pseudoscopelus sp.
- 21705 Cod unident.
- 21705 Gadidae
- 21710 Microgadus proximus
- 21710 Pacific tomcod
- 21720 Gadus macrocephalus
- 21720 Pacific cod
- 21725 Arctic cod
- 21725 Boreogadus saida
- 21726 Moridae
- 21726 codlings unident.
- 21727 Halargyreus johnsonii
- 21727 slender codling

21846 Stomiiformes

CODE NAME 21731 Antimora microlepis 21731 Pacific flatnose 21732 Physiculus rastrelliger 21732 hundred fathom codling 21733 Laemonema longipes 21733 longfin codling 21735 Eleginus gracilis 21735 saffron cod 21740 Theragra chalcogramma 21740 walleye pollock 21744 Theragra chalcogramma larva 21744 walleye pollock larva 21752 Gasterosteus aculeatus 21752 threespine stickleback 21753 Pungitius pungitius 21753 ninespine stickleback 21760 Syngnathidae 21760 pipefish unident. 21770 Gobiidae 21770 goby unident. 21800 Gonostomatidae 21800 bristlemouth unident. 21805 Sigmops gracilis 21805 slender fangjaw 21810 Cyclothone sp. 21811 Cyclothone atraria 21811 black bristlemouth 21812 Cyclothone pseudopallida 21812 slender bristlemouth 21813 Cyclothone signata 21813 showy bristlemouth 21815 Cyclothone acclinidens 21815 benttooth bristlemouth 21818 Gonostoma sp. 21820 Sternoptychidae 21820 hatchetfish unident. 21821 Argyropelecus sladeni 21821 silvery hatchetfish 21822 Argyropelecus sp. 21823 Argyropelecus lychnus 21823 tropical hatchetfish 21824 Argyropelecus affinis 21824 slender hatchetfish 21825 Sternoptyx diaphana 21825 longspine hatchetfish 21827 Sternoptyx sp. 21845 Stomias atriventer 21845 blackbelly dragonfish

CODE NAME 21847 Stomiidae 21847 barbeled dragonfish 21848 Pachystomias microdon 21849 Opostomias mitsuii 21849 pitgum lanternfish 21850 Rhadinesthes decimus 21850 slender snaggletooth 21900 Hexagrammidae 21900 greenling unident. 21910 Ophiodon elongatus 21910 lingcod 21915 Oxylebius pictus 21915 painted greenling 21921 Atka mackerel 21921 Pleurogrammus monopterygius 21930 Hexagrammos sp. 21931 Hexagrammos octogrammus 21931 masked greenling 21932 Hexagrammos stelleri 21932 whitespotted greenling 21934 Hexagrammos lagocephalus 21934 rock greenling 21935 Hexagrammos decagrammus 21935 kelp greenling 21936 Zaniolepis latipinnis 21936 longspine combfish 21937 Zaniolepis frenata 21937 shortspine combfish 22010 Icosteus aenigmaticus 22010 ragfish 22110 Idiacanthus antrostomus 22110 Pacific blackdragon 22111 Idiacanthus sp. 22121 Medialuna californiensis 22121 halfmoon 22170 Cyclopterinae 22170 lumpsucker unident. 22173 Lethotremus sp. 22175 Aptocyclus ventricosus 22175 smooth lumpsucker 22176 Lethotremus muticus 22176 docked snailfish 22177 Eumicrotremus birulai 22177 round lumpsucker 22178 Eumicrotremus orbis 22178 Pacific spiny lumpsucker 22179 Eumicrotremus derjugini 22179 leatherfin lumpsucker

22180 Alaskan lumpsucker

CODE NAME 22180 Eumicrotremus gyrinops 22182 Eumicrotremus andriashevi 22182 pimpled lumpsucker 22183 Eumicrotremus sp. 22183 spiny lumpsuckers 22184 Eumicrotremus barbatus 22184 papillose lumpsucker 22190 Eumicrotremus phrynoides 22190 toad lumpsucker 22200 Liparidae 22200 snailfish unident. 22201 Liparis sp. 22202 Liparis fucensis 22202 slipskin snailfish 22203 Bristol snailfish 22203 Liparis bristolense 22204 Liparis dennyi 22204 marbled snailfish 22205 Liparis gibbus 22205 variegated snailfish 22206 Crystallichthys cyclospilus 22206 blotched snailfish 22207 Liparis megacephalus 22207 bighead snailfish 22208 Liparis pulchellus 22208 showy snailfish 22209 Liparis callyodon 22209 spotted snailfish 22210 Liparis ochotensis 22210 Okhotsk snailfish 22211 Liparis cyclopus 22211 ribbon snailfish 22212 Liparis fabricii 22212 gelatinous seasnail 22213 Liparis rutteri 22213 ringtail snailfish 22214 Elassodiscus sp. 22215 Elassodiscus caudatus 22215 humpback snailfish 22216 Elassodiscus tremebundus 22216 blacklip snailfish 22217 Allocareproctus jordani 22217 cherry snailfish 22218 Allocareproctus tanix 22218 peach snailfish 22219 Careproctus sp. 22220 Careproctus melanurus 22220 blacktail snailfish

22222 Careproctus bowersianus

19 CODE NAME 22222 large disk all red snailfish 22223 Careproctus simus 22223 long snouted pink snailfish 22224 Careproctus ectenes 22224 shovelhead snailfish 22225 Careproctus canus 22225 gray snailfish 22226 Careproctus phasma 22226 monster snailfish 22228 Careproctus cypselurus 22228 blackfin snailfish 22229 Careproctus furcellus 22229 emarginate snailfish 22230 Careproctus abbreviatus 22230 short snailfish 22231 Paraliparis ulochir 22231 blackfaced red snailfish 22232 Careproctus scottae 22232 peachskin snailfish 22233 Careproctus gilberti 22233 smalldisk snailfish 22234 Careproctus sp. cf. gilberti (Orr) 22234 Dominator snailfish 22235 Alaska snailfish 22235 Careproctus colletti 22236 Careproctus rastrinus 22236 salmon snailfish 22237 Careproctus ovigerus 22237 abyssal snailfish 22238 Liparis tunicatus 22238 kelp snailfish 22239 Careproctus zachirus 22239 paintbrush snailfish 22240 Careproctus candidus 22240 bigeye snailfish 22241 Paraliparis dactylosus 22241 red snailfish 22242 Paraliparis rosaceus 22242 rosy snailfish 22243 Paraliparis deani 22243 prickly snailfish

22245 tomato snailfish 22246 Careproctus comus

22244 Paraliparis cephalus 22244 swellhead snailfish 22245 Careproctus sp. G (Orr)

22246 comic snailfish

22247 Careproctus oregonensis

22247 Oregon snailfish

```
CODE NAME
22248 Careproctus microstomus
22248 smallmouth snailfish
22249 Paraliparis pectoralis
22249 broadfin snailfish
22250 Paraliparis sp.
22251 Careproctus ostentum
22251 microdisk snailfish
22252 Paraliparis paucidens
22252 toothless snailfish
22253 Lipariscus nanus
22253 pygmy snailfish
22254 Paraliparis dipterus
22254 splitfin snailfish
22255 Nectoliparis pelagicus
22255 tadpole snailfish
22256 Careproctus sp. B (Orr)
22257 Gyrinichthys minytremus
22257 smallpore snailfish
22258 Careproctus sp. cf. rastrinus (Orr et al.)
22260 Rhinoliparis sp.
22261 Rhinoliparis barbulifer
22261 longnose snailfish
22262 Rhinoliparis attenuatus
22262 slim snailfish
22263 Prognatholiparis ptychomandibularis
22263 wrinkle-jaw snailfish
22264 Lopholiparis flerxi
22264 hardhead snailfish
22265 Liparis marmoratus
22265 festive snailfish
22270 Allocareproctus sp.
22271 Acantholiparis opercularis
22271 spiny snailfish
22272 Allocareproctus kallaion
22272 combed snailfish
22273 Allocareproctus ungak
22273 whiskered snailfish
22274 Allocareproctus unangas
22274 goldeneye snailfish
22275 Careproctus faunus
22275 mischievous snailfish
22276 Paraliparis sp. cf. dactylosus (Orr and Baldwin)
22277 Paraliparis sp. cf. ulochir (Orr and Baldwin)
22278 Paraliparis sp. cf. grandis (Orr and Baldwin)
22279 Paraliparis adustus
22279 brown snailfish
22280 Paraliparis bullacephalus
22280 bubblehead snailfish
22281 Paraliparis grandis
```

CODE NAME 22281 grand snailfish 22282 Paraliparis sp. cf. pectoralis (Orr and Baldwin) 22282 rusty snailfish 22283 Paraliparis sp. cf. dipterus (Orr and Baldwin) 22283 comet snailfish 22284 Paraliparis holomelas 22284 ebony snailfish 22300 Melamphaidae 22300 bigscale unident. 22310 Poromitra curilensis (=crassiceps) 22310 crested bigscale 22311 Poromitra cristiceps 22320 Melamphaes lugubris 22320 highsnout bigscale 22390 Allocyttus folletti 22390 oxeye oreo 22400 Melanostomiinae 22400 scaleless dragonfish unident. 22401 Flagellostomias boureei 22410 Tactostoma macropus 22410 longfin dragonfish 22420 Bathophilus flemingi 22420 highfin dragonfish 22450 Borostomias panamensis 22461 Caristius macropus 22461 manefish 22500 Merluccius productus 22500 Pacific hake 22570 Anotopterus nikparini 22570 North Pacific daggertooth 22582 Mola mola 22582 ocean sunfish 22595 Scopelengys tristis 22595 blackchin 22600 Myctophidae 22600 lanternfish unident. 22601 Stenobrachius sp. 22602 Stenobrachius leucopsarus 22602 northern lampfish 22603 Stenobrachius nannochir 22603 garnet lampfish 22609 Diaphus sp. 22610 California headlightfish 22610 Diaphus theta 22620 Lampanyctus sp. 22623 Nannobrachium ritteri 22623 broadfin lanternfish 22624 Nannobrachium regale 22624 pinpoint lampfish

CODE NAME 22625 Lampanyctus jordani 22625 brokenline lampfish 22626 Nannobrachium sp. 22627 Nannobrachium nigrum 22627 black lanternfish 22630 Ceratoscopelus townsendi 22640 Hygophum reinhardtii 22640 slender lanternfish 22642 Notoscopelus resplendens 22642 patchwork lampfish 22647 California flashlightfish 22647 Protomyctophum crockeri 22648 Protomyctophum sp. 22649 Protomyctophum thompsoni 22649 northern flashlightfish 22650 Tarletonbeania sp. 22651 Tarletonbeania crenularis 22651 blue lanternfish 22656 California lanternfish 22656 Symbolophorus californiensis 22701 Nemichthyidae 22701 snipe eel unident. 22702 Nemichthys scolopaceus 22702 slender snipe eel 22703 Avocettina sp. 22704 Avocettina infans 22704 blackline snipe eel 22705 Nemichthys larseni 22705 pale snipe eel 22721 Serrivomer sector 22721 sawtooth eel 22750 Linophrynidae 22800 Notacanthidae 22800 spiny eel unident. 22810 Polyacanthonotus challengeri 22815 Notacanthus chemnitzii 22815 snubnosed spiny eel 22900 Oneirodidae 22900 dreamer unident. 22901 Bertella idiomorpha 22912 Oneirodes sp. 22913 Oneirodes acanthias 22913 spiny dreamer 22914 Oneirodes bulbosus 22914 hairy-lure dreamer 22915 Oneirodes thompsoni 22917 Chaenophryne longiceps 22918 Chaenophryne melanorhabdus

22919 Chaenophryne draco

CODE NAME 22919 smooth dreamer 22920 Gigantactis vanhoeffeni 22920 whipnose 22921 Gigantactis microdontis 22924 Caulophryne jordani 22924 fanfin angler 22925 Caulophryne pelagica 22951 Paralepididae 22951 barracudina unident. 22952 Magnisudis atlantica 22952 duckbill barracudina 22955 Lestidiops ringens 22955 slender barracudina 22956 Arctozenus risso 22956 ribbon barracudina 23000 Osmeridae 23000 smelt unident. 23010 Thaleichthys pacificus 23010 eulachon 23020 Hypomesus pretiosus 23020 surf smelt 23030 Allosmerus elongatus 23030 whitebait smelt 23041 Mallotus villosus 23041 capelin 23055 Osmerus mordax 23055 rainbow smelt 23060 Spirinchus starksi 23060 night smelt 23061 Spirinchus thaleichthys 23061 longfin smelt 23071 Hypomesus olidus 23071 pond smelt 23201 Salmonidae 23201 salmon and trouts unident. 23202 Oncorhynchus sp. 23202 salmon unident. 23220 Oncorhynchus tshawytscha 23220 chinook salmon 23225 Oncorhynchus kisutch

- 23230 pink salmon 23235 Oncorhynchus keta
- 23235 chum salmon

23225 coho salmon

23230 Oncorhynchus gorbuscha

- 23240 Oncorhynchus nerka 23240 sockeye salmon
- 23250 Arctic char
- 23250 Salvelinus alpinus

```
CODE NAME
23252 Dolly Varden
23252 Salvelinus malma
23260 Oncorhynchus mykiss
23260 steelhead
23310 Bering cisco
23310 Coregonus laurettae
23402 Genyonemus lineatus
23402 white croaker
23500 Scombridae
23500 mackerel unident.
23524 Scomber japonicus
23524 chub mackerel
23562 Cololabis saira
23562 Pacific saury
23590 Neoscopelus macrolepidotus
23590 glowingfish
23602 Benthalbella sp.
23603 Benthalbella dentata
23603 northern pearleye
23620 Scopelosaurus harryi
23620 scaly paperbone
23621 Scopelosaurus sp.
23622 Scopelosaurus adleri
23622 adlers waryfish
23657 Alepisaurus ferox
23657 longnose lancetfish
23700 Platytroctidae
23700 tubeshoulder unident.
23709 Mentodus eubranchus
23710 Sagamichthys abei
23710 shining tubeshoulder
23711 Holtbyrnia sp.
23712 Holtbyrnia innesi
23712 lanternjaw tubeshoulder
23720 Mirorictus taningi
23720 striped tubeshoulder
23791 Cryptacanthodes aleutensis
23791 dwarf wrymouth
23792 Cryptacanthodes giganteus
23792 giant wrymouth
23800 Stichaeidae
23800 prickleback unident.
23801 Lumpenus sp.
23802 Plectobranchus evides
23802 bluebarred prickleback
23803 Eumesogrammus praecisus
23803 fourline snakeblenny
23804 Arctic shanny
```

23804 Stichaeus punctatus

CODE NAME 23805 Lumpenus maculatus 23805 daubed shanny 23806 Lumpenus medius 23806 stout eelblenny 23807 Lumpenus fabricii 23807 slender eelblenny 23808 Lumpenus sagitta 23808 snake prickleback 23809 Acantholumpenus mackayi 23809 pighead prickleback 23836 Lumpenella longirostris 23836 longsnout prickleback 23840 Chirolophis sp. 23841 Chirolophis decoratus 23841 decorated warbonnet 23843 Chirolophis snyderi 23843 bearded warbonnet 23844 Chirolophis tarsodes 23850 Poroclinus rothrocki 23850 whitebarred prickleback 23851 Chirolophis nugator 23851 mosshead warbonnet 23861 Bryozoichthys lysimus 23861 nutcracker prickleback 23862 Bryozoichthys marjorius 23862 pearly prickleback 23863 Bryozoichthys sp. 23865 Anoplarchus purpurescens 23865 high cockscomb 23866 Anoplarchus insignis 23866 slender cockscomb 23871 Pholidae 23871 gunnel unident. 23872 Pholis sp. 23873 Pholis laeta 23873 crescent gunnel 23900 Stromateidae 23900 butterfish unident. 23911 Pacific pompano 23911 Peprilus simillimus 23915 Icichthys lockingtoni 23915 medusafish 23932 Trachipterus altivelis 23932 king-of-the-salmon 23933 Desmodema lorum 23940 Trichiuridae 23942 Benthodesmus pacificus 23943 Benthodesmus sp.

23944 Aphanopus arigato

```
CODE NAME
23944 Pacific black scabbardfish
23945 Lepidopus fitchi
23945 scabbardfish
23950 Anguilliformes
23950 eel unident.
23952 eel larvae unident.
23952 leptocephalus
23958 Opisthoproctidae
23958 spookfish unident.
23960 Dolichopteryx sp.
23961 Dolichopteryx longipes
23961 brownsnout spookfish
23962 Macropinna microstoma
23962 barreleye
23963 Bathylychnops sp.
23964 Bathylychnops exilis
23964 javelin spookfish
23970 Gigantura indica
24001 Zaprora silenus
24001 prowfish
24100 Zoarcidae
24100 eelpout unident.
24109 Bothrocara cf. brunneum group
24110 Bothrocara brunneum
24110 twoline eelpout
24111 Alaska eelpout
24111 Bothrocara pusillum
24112 Bothrocara zestum
24112 western eelpout
24114 Bothrocara nyx
24114 shadow eelpout
24115 Bothrocara hollandi
24115 Japan-sea eelpout
24120 Bothrocara molle
24120 soft eelpout
24130 Lycenchelys crotalinus
24130 snakehead eelpout
24140 Lycodes cortezianus
24140 bigfin eelpout
24150 Lycenchelys sp.
24151 Lycenchelys jordani
24151 shortjaw eelpout
24152 Kamchatka eelpout
24152 Lycenchelys camchatica
24153 Lycenchelys ratmanovi
24158 Lycodapus endemoscotus
24158 deepwater eelpout
24160 Lycodapus fierasfer
```

24160 blackmouth eelpout

CODE NAME 24165 Lycodapus dermatinus 24165 looseskin eelpout 24166 Lycodapus psarostomatus 24167 Lycodapus pachysoma 24167 stout eelpout 24170 Lycodapus mandibularis 24170 pallid eelpout 24180 Lycodes sp. 24181 Lycodes rossi 24182 Lycodes soldatovi 24182 dipline eelpout 24183 Lycodes akuugun 24183 bicolor eelpout 24184 Lycodes raridens 24184 marbled eelpout 24185 Lycodes palearis 24185 wattled eelpout 24186 Lycodes mucosus 24186 saddled eelpout 24187 Lycodes concolor 24187 ebony eelpout 24188 Canadian eelpout 24188 Lycodes polaris 24189 Lycodes turneri 24189 polar eelpout 24190 Lycodes diapterus 24190 black eelpout 24191 Lycodes brevipes 24191 shortfin eelpout 24192 Gymnelus viridis 24192 fish doctor 24193 Gymnelus sp. 24194 Gymnelus hemifasciatus 24195 Bering eelpout 24195 Lycodes beringi 24196 Lycodes seminudus 24196 longear eelpout 24200 Lycodes pacificus 24200 blackbelly eelpout 24220 Bothrocara sp. 24221 Pachycara lepinium 24221 scalynape eelpout 24230 Lycodapus sp. 24231 Lycodapus poecilus 24231 variform eelpout

24233 bigtooth eelpout

24232 Lycodapus parviceps 24232 smallhead eelpout 24233 Lycodapus grossidens

```
CODE NAME
24234 Lycodapus leptus
24234 slender eelpout
24240 Lycodema barbatum
24240 bearded eelpout
24393 Melanostigma pammelas
24393 midwater eelpout
24394 Puzanovia rubra
24394 coral eelpout
24395 Nalbantichthys elongatus
24404 Gibbonsia metzi
24404 striped kelpfish
25100 Acipenseridae
25100 sturgeon unident.
25120 Acipenser medirostris
25120 green sturgeon
26050 Malacosteinae
26050 loosejaw unident.
26051 Photonectes margarita
26053 Aristostomias scintillans
26053 shining loosejaw
26060 Neonesthes capensis
27020 Lampris guttatus
27020 opah
27028 Stylephorus chordatus
27028 tube-eye
27050 Synodontidae
27050 lizardfish unident.
27051 California lizardfish
27051 Synodus lucioceps
28001 Facciolella gilbertii
28001 dogface witch-eel
28002 Venefica sp.
28002 whipsnout eels
28532 Howella sherborni
28533 Howella brodiei
28700 North Pacific pelagic armorhead
28700 Pseudopentaceros wheeleri
29990 Eurypharynx pelecanoides
29990 umbrellamouth gulper
29996 Saccopharynx sp.
29997 Saccopharynx lavenbergi
29999 roundfish unident.
30000 Scorpaenidae
30000 scorpionfish and rockfish unident.
30010 Sebastolobus sp.
30010 thornyhead unident.
30020 Sebastolobus alascanus
30020 shortspine thornyhead
30025 Sebastolobus macrochir
```

```
CODE NAME
30025 broadfin thornyhead
30030 Sebastolobus altivelis
30030 longspine thornyhead
30035 Adelosebastes latens
30035 Aleutian scorpionfish
30040 Sebastes sp.
30040 rockfish unident.
30045 Sebastes umbrosus
30045 honeycomb rockfish
30050 rougheye and blackspotted rockfish unid.
30051 Sebastes aleutianus
30051 rougheye rockfish
30052 Sebastes melanostictus
30052 blackspotted rockfish
30060 Pacific ocean perch
30060 Sebastes alutus
30070 Sebastes atrovirens
30070 kelp rockfish
30080 Sebastes auriculatus
30080 brown rockfish
30090 Sebastes aurora
30090 aurora rockfish
30100 Sebastes brevispinis
30100 silvergray rockfish
30110 Sebastes carnatus
30110 gopher rockfish
30120 Sebastes caurinus
30120 copper rockfish
30130 Sebastes chlorostictus
30130 greenspotted rockfish
30150 dusky and dark rockfishes unid
30151 Sebastes ciliatus
30151 dark rockfish
30152 Sebastes variabilis
30152 dusky rockfish
30155 Sebastes chrysomelas
30155 black and yellow rockfish
30160 Sebastes constellatus
30160 starry rockfish
30170 Sebastes crameri
30170 darkblotched rockfish
30180 Sebastes dalli
30180 calico rockfish
30190 Sebastes diploproa
30190 splitnose rockfish
30200 Sebastes elongatus
30200 greenstriped rockfish
30210 Puget Sound rockfish
30210 Sebastes emphaeus
```

30220 Sebastes entomelas 30220 widow rockfish 30230 Sebastes eos 30230 pink rockfish 30240 Sebastes flavidus 30240 yellowtail rockfish 30250 Sebastes gilli 30250 bronzespotted rockfish 30260 Sebastes goodei 30260 chilipepper 30270 Sebastes helvomaculatus 30270 rosethorn rockfish 30280 Sebastes hopkinsi 30280 squarespot rockfish 30290 Sebastes jordani 30290 shortbelly rockfish 30295 Sebastes lentiginosus 30295 freckled rockfish 30300 Sebastes levis 30300 cowcod 30315 Mexican rockfish 30315 Sebastes macdonaldi 30320 Sebastes maliger 30320 guillback rockfish 30330 Sebastes melanops 30330 black rockfish 30340 Sebastes melanostomus 30340 blackgill rockfish 30350 Sebastes miniatus 30350 vermilion rockfish 30360 Sebastes mystinus 30360 blue rockfish 30370 China rockfish 30370 Sebastes nebulosus 30380 Sebastes nigrocinctus 30380 tiger rockfish 30390 Sebastes ovalis 30390 speckled rockfish 30400 Sebastes paucispinis 30400 bocaccio 30410 Sebastes pinniger 30410 canary rockfish 30420 Sebastes polyspinis 30420 northern rockfish 30430 Sebastes proriger 30430 redstripe rockfish 30450 Sebastes rastrelliger 30450 grass rockfish 30460 Sebastes rosaceus

31 CODE NAME 30460 rosy rockfish 30470 Sebastes ruberrimus 30470 yelloweye rockfish 30475 Sebastes babcocki 30475 redbanded rockfish 30480 Sebastes rubrivinctus 30480 flag rockfish 30490 Sebastes saxicola 30490 stripetail rockfish 30500 Sebastes semicinctus 30500 halfbanded rockfish 30510 Sebastes serranoides 30510 olive rockfish 30525 Sebastes serriceps 30525 tree rockfish 30535 Sebastes variegatus 30535 harlequin rockfish 30540 Sebastes vexillaris 30540 whitebelly rockfish 30550 Sebastes wilsoni 30550 pygmy rockfish 30560 Sebastes zacentrus 30560 sharpchin rockfish 30570 Sebastes phillipsi 30570 chameleon rockfish 30575 Sebastes rufus 30575 bank rockfish 30576 Sebastes borealis 30576 shortraker rockfish 30580 black rockfish unident. 30590 red rockfish unident. 30600 Sebastes reedi 30600 yellowmouth rockfish 30611 Sebastes rosenblatti 30611 greenblotched rockfish 30620 Sebastes simulator 30620 pinkrose rockfish 30630 Sebastes (=Sebastomus) sp. 31501 California scorpionfish 31501 Scorpaena guttata 31550 Prionotus stephanophrys 31550 lumptail searobin 39100 Eumetopias jubatus

40001 coelenterate unident. 40008 Campanulariidae unid. 40008 campanulariid hydroid 40009 Plumulariidae

39100 Steller sea lion

40001 Cnidaria

```
CODE NAME
40009 plumulariid hydroids
40010 Hydrozoa
40011 hydroid unident.
40012 Bonneviella sp. A (Clark 2006)
40012 champagne flute hydroid
40013 Bonneviella sp.
40015 pussywillow hydroid
40020 Hydractinia sp.
40028 Aglaophenia sp.
40034 Abietinaria sp.
40035 Abietinaria greenei
40035 bushy white hydroid
40036 Abietinaria sp. A (Clark 2006)
40036 white tangled hydroid
40040 Turbulariidae
40040 turbulariid hydroids
40049 Sertulariid hydroid
40049 Sertulariidae unid.
40050 Sertularia robusta
40060 Velella velella
40060 by-the-wind sailor
40500 Scyphozoa
40500 jellyfish unident.
40501 Chrysaora sp.
40501 chrysaora jellyfish
40502 Periphylla sp.
40503 Periphylla periphylla
40504 Chrysaora melanaster
40505 Phacellophora camtschatica
40505 egg yolk jelly
40506 Aequorea sp.
40507 Bolinopsis sp.
40508 Polyorchis sp.
40509 Phacellophora sp.
40510 Atolla sp.
40511 Aurelia sp.
40512 Aurelia labiata
40513 Aurelia aurita
40515 Chrysaora fuscescens
40515 sea nettle
40560 Cyanea sp.
40561 Cyanea capillata
40561 lion's mane
41000 Anthozoa
41099 Octocorallia
41100 Alcyonacea
41100 soft coral unident.
41102 Alcyonium sp.
41104 Alcyonium sp. A (Clark 2006)
```

33 CODE NAME 41104 pink orange mushroom coral 41105 Alcyonium sp. B (Clark 2006) 41201 Gersemia sp. 41201 sea raspberry 41221 Gersemia rubiformis 41300 Anthomastus sp. 41331 Anthomastus sp. A 41331 red anthomastus 41332 Anthomastus sp. B 41332 gray anthomastus 41333 Anthomastus sp. cf. japonicus (Bayer et al.) 41500 Gorgonacea 41500 gorgonian coral unident. 41510 Ideogorgia sp. 41520 Primnoa sp. 41521 Primnoa pacifica 41522 Primnoa willeyi 41522 red tree coral 41523 Primnoa resaediformes 41525 Antipatheria 41525 black coral 41530 Chrysopathes speciosa 41540 Bathypathes sp. 41541 Bathypathes patula 41550 Parantipathes sp. 41551 Lillipathes lilliei 41552 Lillipathes sp. A (Clark 2006) 41553 Lillipathes sp. B (Clark 2006) 41570 Swiftia sp. 41571 Swiftia pacifica 41572 Swiftia simplex 41573 Swiftia beringi 41576 Yellow gorgonian 41580 Paragorgia sp. 41582 Kamchatka coral 41582 Paragorgia arborea 41583 Paragorgia pacifica 41584 Plexauridae 41584 plexaurid corals 41585 Euplexaura sp. 41586 Euplexaura marki 41587 Paragorgia nodosa 41591 Alaskagorgia aleutiana 41595 Cryogorgia koolsae 41600 Callogorgia sp. 41601 Callogorgia kinoshitae 41605 Parastenella sp. A (Clark 2006)

41605 sugar coral 41700 Calcigorgia sp.

CODE NAME 41701 Calcigorgia spiculifera 41750 Clavularia sp. 41751 Clavularia sp. cf. evagorgiacrustans (Bayer et al.) 41752 Clavularia incrustans 41752 encrusting coral 42000 Pennatulacea 42000 sea pen or sea whip unident. 42001 Virgularia sp. 42001 smoothstem seawhip 42003 Virgulariidae 42003 sea whip unident. 42004 Stylatula sp. 42004 slender seawhips 42005 Stylatula gracile 42005 roughstem seawhip 42006 Balticina sp. 42007 Protoptilum sp. 42008 Halipteris sp. 42010 Halipteris finmarchia 42012 Halipteris willemoesi 42013 Halipteris californica 42015 Ombellula 42016 Ptilosarcus sp. 42017 Ptilosarcus gurneyi 42017 orange sea pen 42020 Anthoptilum grandiflorum 42021 Anthoptilum murrayi 42021 Murray sea pen 43000 Actiniaria 43000 sea anemone unident. 43001 Actinauge verrilli 43001 reticulate anemone 43002 Paractinostola faeculenta 43002 rough purple sea anemone 43003 Actinoscyphia sp. 43004 Paraphelliactis pabista 43005 Actinernus sp. 43006 purple striated sea anemone 43007 red striated sea anemone 43009 Corallimorphus sp. 43010 Metridium sp. 43020 Metridium senile 43020 clonal plumose anemone 43021 Metridium farcimen (=Metridium giganteum) 43021 gigantic anemone 43029 Stomphia didemon 43029 cowardly anemone 43030 Stomphia sp. 43032 Stomphia coccinea

CODE NAME 43032 swimming anemone 43040 Urticina sp. 43041 Urticina coriacea 43041 leathery anemone 43042 Urticina crassicornis 43042 mottled anemone 43043 Urticina lofotensis 43044 Urticina columbiana 43045 Bathyphelia australis 43045 hot dog sea anemone 43050 Oractis diomedeae 43050 grape anemone 43051 Oractis sp. 43080 Actiniidae unid. 43080 actinid sea anemones unident. 43082 Cribrinopsis fernaldi 43082 chevron-tentacled anemone 43090 Liponema brevicornis 43090 tentacle-shedding anemone 43100 Actinostolidae 43110 Actinostola sp. 43111 Actinistola sp. A (Clark 2006) 43112 Actinistola sp. B (Clark 2006) 43113 Actinostola groenlandica 43115 Sicyonis sp. A (Clark 2006) 43115 orange actinistolid 43121 tumbling anemone 43200 Hormathiidae 43201 pink hormathiid anemone 43224 Epizoanthus scotinus 43224 orange zooanthid 43225 Zoanthus sp. 44000 Scleractinia 44000 stony coral unident. 44004 Caryophylliidae 44004 cup corals 44005 Flabellum sp. A (Clark 2006) 44005 tan trumpet coral 44010 Javania borealis 44011 Javania cailleti 44012 Javania sp. 44017 Desmophyllum dianthus 44019 Crispatotrochus foxi 44020 Caryophyllia sp. 44021 Caryophyllia sp. A 44022 Caryophyllia arnoldi 44023 Alaska cup coral 44023 Caryophyllia alaskensis

44028 Stylasteridae unid.

CODE NAME 44028 stylasterid corals 44029 Stylasterina 44029 hydrocoral unident. 44030 Stylaster sp. 44031 Stylaster verrilli 44032 Stylaster brochi 44033 Stylaster cancellatus 44034 Stylaster elassotomus 44035 Stylaster polyorchis 44036 Crypthelia trophostega 44037 Stylaster campylecus 44038 Crypthelia sp. 44039 Stylaster moseleyana 44040 Cyclohelia lamellata 44041 Cyclohelia sp. 44042 Cyclohelia sp. A (Clark 1997) 44045 Stylaster alaskanus 44046 Stylaster stejnegeri 44047 Stylaster venustus 44048 Stylaster sp. A (Clark 2006) 44048 undulate hydrocoral 44050 Stylantheca pterograpta 44052 Stenohelia sp. 44053 Stylaster sp. B (Clark 2006) 44053 thick lamellar hydrocoral 44060 Distichopora sp. 44061 Distichopora borealis 44071 Thouarella sp. 1 (Bayer et al.) 44072 Thouarella sp. 2 (Bayer et al.) 44073 Thouarella sp. 3 (Bayer et al.) 44074 Thouarella sp. 4 (Bayer et al.) 44075 Thouarella superba 44076 Errinopora sp. A (Clark 2006) 44076 foliate hydrocoral 44077 Errinopora sp. B (Clark 2006) 44077 pale-edged hydrocoral 44078 Errinopora sp. C (Clark 2006) 44078 enigmatic hydrocoral 44079 Errinopora pourtalesi 44080 Errinopora zarhyncha 44081 Errinopora sp. 44082 Errinopora nanneca 44083 Plumarella sp. 44084 Bamboo coral unid. 44084 Isididae unid. 44085 Isidella sp. 44085 articulated bamboo coral

44086 Plumarella sp. 1 (Bayer)

44087 Thouarella sp.

```
CODE NAME
44088 Keratoisis sp.
44088 Nodal bamboo coral unid.
44089 Fanellia sp.
44090 Fanellia compressa
44091 Fanellia fraseri
44092 Muriceides nigra
44093 Muriceides sp.
44094 Amphilaphis sp.
44095 Amphilaphis sp. 1
44096 Amphilaphis sp. 2
44097 Amphilaphis sp. 3
44098 Arthrogorgia sp.
44099 Arthrogorgia utinomi
44100 Acanthogorgia sp.
44103 Muriceides sp. cf. cylindrica (Bayer et al.)
44104 Amphilaphis sp. 4 (Clark 2006)
44105 Anthothela grandiflora
44106 Plumarella sp. 2 (Clark 2006)
44107 Primnoa wingi
44108 Primnoa sp. 1 (Clark 2006)
44110 Lepidisis sp.
44114 Arthrogorgia otsukai
44115 Arthrogorgia kinoshitai
45000 Ctenophora
45000 comb jelly unident.
45005 Beroe sp.
45010 Beroe abyssicola
50000 Polychaeta
50000 polychaete worm unident.
50001 worm unident.
50005 Eunice valens
50010 tube worm unident.
50013 Chaetopterus sp.
50020 Spinther alaskensis
50021 Spinther sp. A (Clark 2006)
50050 Ampharetidae unid.
50100 Oweniidae
50160 Aphroditidae
50160 sea mouse unident.
50161 Aphrodita sp.
50190 Aphrodita japonica
50192 Aphrodita negligens
50201 Halosydna brevisetosa
50205 Euphrosine multibranchiata
50215 Onuphis conchylega
50215 gravel tube worm
50221 Travisia pupa
50301 Arctonoe vittata
52715 Glycera sp.
```

CODE NAME

60120 Uschakoviella sp.

60121 Uschakoviella echinophora

53700 Nephtyidae 53700 cat worm unident. 54000 Nereididae 54010 Nereis sp. 54030 Cheilonereis cyclurus 55900 Phyllodocidae unid. 56300 Polynoidae 56300 scale worm unident. 56310 Eunoe sp. 56311 Eunoe nodosa 56311 giant scale worm 56312 Eunoe depressa 56312 depressed scale worm 56313 Eunoe senta 56321 Gattyana ciliata 57000 Sabellidae 57000 sabellid unident. 57409 Serpulidae 57409 serpulid worm 57410 Serpula vermicularis 57411 Serpula columbiana 57412 Serpula sp. 58001 Pectinaria granulata 58501 Sternaspis sp. 58502 Brada sachalina 58503 Brada granulata 58504 Stylaroides plumosa 59000 bristle worm unident. 59100 Hirudinea 59100 leech unident. 59110 Carcinobdella sp. 59111 Notostomum cyclostomum 59111 striped sea leech 59120 Notostomobdella sp. 60001 Crustacea 60001 crustacean unident. 60100 Amphipoda 60100 amphipod unident. 60101 Iphinoe sp. 60105 Eusirus cuspidatus 60106 armored amphipod 60107 Stegocephalus inflatus 60110 Gammaridae 60110 gammarid amphipod unident. 60113 Red-spotted Amphipod 60116 Paramphithoe polyacantha 60117 Paramphithoe sp.

CODE NAME 60122 Uschakoviella sp. 1 (Clark 2006) 60130 Melita dentata 60140 Anonyx sp. 60145 Caprella sp. 60145 caprellid amphipod unident. 62000 Isopoda 62000 isopod unident. 62001 Arcturidae unid. 62002 Arcturus sp. 2 (Clark 2006) 62003 Arcturus longispinis 62004 Arcturus sp. 1 (Clark 2006) 62005 Arcturus sp. 62010 Livoneca sp. 62012 Idoteidae unid. 62015 Gnorimosphaeroma sp. 62020 Saduria entomon 62021 Synidotea sp. 62021 gravel isopod 62025 Rocinella angusta 62050 Anuropus bathypelagica 63000 Cumacea 63000 cumacean unident. 63100 Diastylis sp. 63101 Diastylis alaskensis 63500 Euphausiacea 63500 euphausiid unident. 64000 Mysida 64000 opossum shrimps 64010 Neognathophausia sp. 64011 Neognathophausia gigas 64011 giant red mysid 64012 Neognathophausia ingens 64012 red mysid 64100 Mysidae 64500 Copepoda 64500 copepod unident. 65000 Cirripedia 65100 Thoracica 65100 barnacle unident. 65101 Lepas sp. 65102 Litoscalpellum ursum 65201 Balanus sp. 65202 Balanus balanus 65203 Balanus evermanni 65203 giant barnacle 65204 Balanus hesperius 65204 crab barnacle 65205 Balanus rostratus

65205 beaked barnacle

```
CODE NAME
65206 Balanus nubilus
65207 Balanus crenatus
65208 Semibalanus cariosus
65208 thatched barnacle
65209 Scalpellum sp.
65210 Scalpellum cornutum
65210 eared barnacle
65211 Scalpellum columbiana
66000 shrimp unident.
66003 Sergestidae
66003 sergestid shrimp unident.
66004 Sergestes sp.
66005 Pacific sergestid
66005 Sergestes similis
66009 Sicyonia ingentis
66009 ridgeback rock shrimp
66019 Pandalidae
66019 pandalid shrimp unident.
66020 Pandalus sp.
66025 Pandalus danae
66025 dock shrimp
66030 Pandalus jordani
66030 ocean shrimp
66031 Alaskan pink (=northern) shrimp
66031 Pandalus eous (=borealis)
66032 Heptacarpus maxillipes
66033 Pandalus tridens
66033 yellowleg pandalid
66034 Pandalus sp. cf. tridens (CAS)
66040 Pandalus platyceros
66040 spot shrimp
66045 Pandalus goniurus
66045 humpy shrimp
66050 Pandalus hypsinotus
66050 coonstripe shrimp
66055 Pandalus stenolepis
66055 roughpatch shrimp
66059 Pandalopsis sp.
66060 Pandalopsis aleutica
66061 Pandalopsis longirostris
66062 Pandalopsis sp. cf. lamelligera
66120 Pandalopsis dispar
66120 sidestripe shrimp
66130 Pandalopsis ampla
66140 Penaeidae
66140 penaeid shrimps
66145 Caridea unid.
66145 caridid shrimp unid.
66150 Hippolytidae
```

```
CODE NAME
66150 hippolytid shrimp unident.
66160 Spirontocaris sp.
66161 Rathbun blade shrimp
66161 Spirontocaris arcuata
66163 Spirontocaris lamellicornis
66164 Spirontocaris phippsii
66164 punctate blade shrimp
66165 Spirontocaris snyderi
66166 Spirontocaris spinus
66166 parrot shrimp
66167 Spirontocaris sp. cf. lamellicornis
66168 Spirontocaris ochotensis
66168 oval blade shrimp
66170 Eualus sp.
66171 Eualus barbatus
66171 barbed eualid
66172 Eualus avinus
66172 beaked eualid
66173 Eualus townsendi
66173 Townsend eualid
66174 Arctic eualid
66174 Eualus fabricii
66175 Eualus gaimardii
66176 Eualus butleri
66176 sponge eualid
66177 Eualus pusiolus
66177 doll eualid
66179 Eualus macilentus
66179 Greenland shrimp
66180 Eualus macrophthalmus
66180 bigeye eualid
66190 Eualus biunguis
66190 deepsea eualid
66192 Eualus stoneyi
66193 Eualus suckleyi
66193 shortscale eualid
66200 Lebbeus sp.
66201 Lebbeus grandimana
66201 candy stripe shrimp
66202 Lebbeus acudactylus
66202 false candy-striped shrimp
66203 Lebbeus groenlandicus
66203 spiny lebbeid
66204 Lebbeus polaris
66205 Lebbeus mundus
66205 cleaner lebbeid
66301 Heptacarpus sp.
66302 Heptacarpus flexus
66302 slenderbeak coastal shrimp
```

```
CODE NAME
66303 Alaska coastal shrimp
66303 Heptacarpus moseri
66304 Heptacarpus stylus
66304 stiletto coastal shrimp
66305 Heptacarpus tenuissimus
66305 slender coastal shrimp
66500 Crangonidae
66500 crangonid shrimp unident.
66502 Crangon sp.
66509 Crangon alba
66509 stout crangon
66510 Crangon abyssorum
66510 abyssal crangon
66512 Crangon alaskensis
66512 shell shrimp
66515 Crangon communis
66515 twospine crangon
66516 Crangon sp. cf. communis (CAS)
66520 Crangon resima
66530 Crangon dalli
66530 ridged crangon
66533 Metacrangon sp.
66534 Metacrangon munita
66535 Metacrangon variabilis
66535 deepsea spinyhead
66536 Mesocrangon intermedia
66536 northern spinyhead
66546 Lissocrangon stylirostris
66546 smooth crangon
66548 Crangon septemspinosa
66548 sevenspine bay shrimp
66550 Crangon nigricauda
66550 blacktail bay shrimp
66570 Argis sp.
66575 Argis alaskensis
66575 common argid
66580 Arctic argid
66580 Argis dentata
66600 Sclerocrangon sp.
66601 Sclerocrangon boreas
66601 sculptured shrimp
66602 Rhynocrangon alata
66602 saddleback shrimp
66604 Rhynocrangon sharpi
66611 Argis lar
66611 kuro argid
66612 Argis crassa
66612 rough argid
66613 Argis levior
```

CODE NAME

68502 Oregonia bifurca

```
66613 Nelson's argid
66614 Argis ovifer
66614 split-eye argid
66615 Paracrangon echinata
66615 horned shrimp
66616 Argis sp. cf. ovifer (CAS)
66617 Argis sp. cf. crassa (CAS)
66618 Paracrangon sp.
66750 Pasiphaeidae
66750 pasiphaeid shrimp unident.
66761 Parapasiphae sulcatifrons
66770 Pacific glass shrimp
66770 Pasiphaea pacifica
66772 Pasiphaea tarda
66772 crimson pasiphaeid
66814 Notostomus sp.
66815 Notostomus japonicus
66815 spinyridge shrimp
66839 Hymenodora sp.
66840 Hymenodora frontalis
66840 Pacific ambereye
66841 Bentheogennema borealis
66860 Acanthephyra sp.
66865 Acanthephyra curtirostris
66865 peaked shrimp
66875 Quayle's spinytail
66875 Systellaspis braueri
68000 crab unident.
68010 Cancer sp.
68010 cancer crab unident.
68011 Cancer branneri
68012 Cancer anthonyi
68012 Yellow Cancer Crab
68020 Cancer magister
68020 Dungeness crab
68040 Cancer oregonensis
68040 Oregon rock crab
68050 Cancer productus
68050 red rock crab
68060 Cancer gracilis
68060 graceful rock crab
68065 Xanthidae
68072 Pinnixa occidentalis
68072 pea crab
68100 Mursia gaudichaudii
68500 Majidae
68500 spider crabs unident.
68501 Oregonia sp.
```

CODE NAME 68510 Oregonia gracilis 68510 graceful decorator crab 68511 Macroregonia macrochira 68511 giant spider crab 68515 Loxorhynchus crispatus 68515 spider crab 68520 Chorilia longipes 68520 Longhorned decorator crab 68541 Chionoecetes sp. 68541 tanner crab unident. 68550 Chionoecetes tanneri 68550 grooved Tanner crab 68560 Chionoecetes bairdi 68560 Tanner crab 68570 Chionoecetes angulatus 68570 triangle Tanner crab 68575 Chionoecetes japonicus 68575 Japanese Tanner crab 68577 Hyas coarctatus 68577 circumboreal toad crab 68578 Hyas lyratus 68578 Pacific lyre crab 68580 Chionoecetes opilio 68580 snow crab 68590 Chionoecetes hybrid 68590 hybrid tanner crab 68781 Telmessus cheiragonus 68781 helmet crab 69000 Anomura 69010 Paguridae 69010 hermit crab unident. 69011 Discorsopagurus schmitti 69013 Paguristes turgidus 69035 Pagurus sp. 69041 Pagurus armatus 69041 armed hermit 69042 Pagurus brandti 69042 sponge hermit 69050 Pagurus townsendi 69050 Townsend hermit crab 69060 Aleutian hermit 69060 Pagurus aleuticus 69061 Labidochirus splendescens 69061 splendid hermit 69070 Pagurus confragosus

69070 knobbyhand hermit 69080 Pagurus cornutus 69082 Pagurus dalli 69082 whiteknee hermit

CODE NAME 69085 Pagurus kennerlyi 69085 bluespine hermit 69086 Pagurus trigonocheirus 69086 fuzzy hermit crab 69087 Bering hermit 69087 Pagurus beringanus 69090 Alaskan hermit 69090 Pagurus ochotensis 69094 Pagurus quaylei 69095 Pagurus rathbuni 69095 longfinger hermit 69096 Pagurus stevensae 69096 Stevens hermit crab 69097 Pagurus setosus 69097 setose hermit 69098 Pagurus undosus 69098 Priblof hermit 69100 Pagurus tanneri 69100 longhand hermit 69110 Elassochirus tenuimanus 69110 widehand hermit crab 69120 Pagurus capillatus 69120 hairy hermit crab 69121 Elassochirus cavimanus 69121 purple hermit 69122 Elassochirus gilli 69122 Pacific red hermit 69123 Elassochirus sp. 69199 Parapagurus sp. 69200 Parapagurus pliosimanus 69250 Lithodidae 69250 stone crab unident. 69260 Lopholithodes sp. 69260 box crab unident. 69270 Lopholithodes foraminatus 69270 box crab 69280 Lopholithodes mandtii 69284 Acantholithodes sp. 69285 Acantholithodes hispidus 69285 fuzzy crab 69290 Lithodes sp. 69300 Lithodes couesi 69300 scarlet king crab 69310 Lithodes aequispinus 69310 golden king crab

69314 Hapalogaster mertensii 69315 Hapalogaster sp.

69312 wrinkled crab

69312 Dermaturus mandtii

CODE NAME 69316 Hapalogaster grebnitzkii 69317 Rhinolithodes wosnessenskii 69317 rhinoceros crab 69318 Phyllolithodes papillosus 69318 flatspine triangle crab 69320 Kurile king crab 69320 Paralithodes brevipes 69321 Paralithodes sp. 69322 Paralithodes camtschaticus 69322 red king crab 69323 Paralithodes platypus 69323 blue king crab 69325 California king crab 69325 Paralithodes californiensis 69326 Paralithodes rathbuni 69327 Cryptolithodes sitchensis 69327 turtle crab 69328 Cryptolithodes typicus 69328 butterfly crab 69329 Cryptolithodes sp. 69330 Paralomis sp. 69331 Paralomis verrilli 69332 Paralomis sp. A (Clark 2006) 69333 Paralomis sp. B (Clark 2006) 69334 Paralomis manningi 69335 Paralomis multispina 69336 Placetron wosnessenskii 69336 scaled crab 69341 Neolithodes diomedeae 69400 Erimacrus isenbeckii 69400 horsehair crab 69401 Erimacrus sp. 69520 Hyas sp. 69530 Pugettia sp. 69530 kelp crab 69531 Pugettia gracilis 69531 graceful kelp crab 69532 Pugettia producta 69540 Scyra acutifrons 69550 Galatheidae 69550 galatheid crab unident. 69551 Munidopsis verrilli 69551 Verrill pinch bug 69552 Munidopsis sp. 69553 Munidopsis quadrata 69553 long-armed pinch bug 69554 Chirostylus sp. 69555 Gastroptychus iaspis

69555 thorny pinch bug

```
CODE NAME
69556 Munida quadrispina
69556 pinchbug
69557 Albuneidae
69557 mole crab
69559 Polycheles sp.
69560 Polycheles sculpta
69560 deep-sea lobster
69642 Calastacus investigatoris
69650 Callianassa sp.
69651 Neotypaera giga
69652 Callianassa goniophthalma
69653 Callianassa californiensis
69653 ghost shrimp
69655 Upogebia pugettensis
69655 blue mud shrimp
69900 Pycnogonida
69900 sea spider unident.
69905 Hedgpethia sp.
69910 Colossendeis sp.
69911 Colossendeis dofleini
69912 Colossendeis microsetosa
69920 Nymphon sp.
69930 Pycnogonum sp.
70000 Mollusca
70000 mollusk unident.
70049 Aplacophora unid.
70050 Solengaster sp.
70050 Solengaster unidentified
70060 Neomenia sp.
70061 Neomenia efgamatoi
70062 Neomenia cf. yamamoti (Clark 2006)
70100 Polyplacophora
70100 chiton unident.
70108 Cryptochiton stelleri
70108 giant Pacific chiton
70110 Lepidozona trifida
70111 Lepidozona beringiana
70112 Lepidozona abyssicola
70113 Lepidozona sp.
70114 Lepidozona retiporosa
70115 Amicula vestita
70119 Placiphorella sp.
70122 Placiphorella pacifica
70123 Placiphorella rufa
70124 Leptochiton sp.
70125 Leptochiton alveolus
70126 Mopalia swanii
70127 Leptochiton belknapi
70128 Leptochiton mesogonus
```

CODE NAME

71050 sea-clown triopha

71055 Monterey dorid 71080 Armina californica 71080 California armina

71055 Archidoris montereyensis

70134 Tonicella chitons 70134 Tonicella sp. 70135 Tonicella insignis 70140 Mopalia egretta 70151 Stenosemus sharpii 70871 Neptunea gyroscopoides 71001 gastropod eggs 71001 snail eggs 71002 Buccinum sp. Eggs 71003 Fusitriton oregonensis eggs 71004 Neptunea sp. eggs 71009 Opisthobranchia unid. 71010 Nudibranchia 71010 nudibranch unident. 71011 Onchidoris bilamellata 71011 barnacle-eating onchidoris 71012 Tochuina tetraquetra 71012 giant orange tochui 71013 Hermissenda crassicornis 71013 thick-horned aeolid 71014 Acanthodoris nanaimoensis 71014 Nanaimo dorid 71015 Cadlina luteomarginata 71015 yellow-edged cadlina 71016 Diaulula sandiegensis 71017 Acanthodoris brunnea 71017 cedar-scented dorid 71018 Dendronotus sp. 71019 Acanthodoris sp. 71020 Dall's dendronotid 71020 Dendronotus dalli 71021 Dendronotus frondosus 71021 frond-aeolis 71022 Dendronotus subramosus 71022 stubby frond-aeolis 71023 Gastropteron pacificum 71023 Pacific batwing seaslug 71025 Tritonia sp. 71026 Tritonia festiva 71026 festive Tritonia 71030 Tritonia diomedea 71030 rosy tritonia 71040 Acteocina sp. 71050 Triopha catalinae

```
CODE NAME
71090 Colga pacifica
71090 Pacific Colga
71104 Cadlina sp.
71104 cadlina nudibranchs
71105 Cadlina modesta
71202 Chlamylla sp.
71212 Dirona aurantia
71230 Anisodoris nobilis
71230 Pacific sea lemon
71235 Anisodoris lentiginosa
71235 mottled pale sea-lemon
71250 Dorididae
71250 dorid nudibranch unident.
71259 Archidoris nudibranch
71259 Archidoris sp.
71260 Archidoris odhneri
71260 white night doris
71269 Diaulula sp. A (Clark 2006)
71271 Adalaria proxima
71291 California sea slug
71291 Pleurobranchaea californica
71332 Anatoma baxteri
71333 Anatoma crispata
71333 crispate scissurelle
71349 Cranopsis sp.
71349 puncterellas
71350 Cranopsis major
71350 great puncturella
71351 Puncturella rothi
71352 Puncturella cooperi
71353 Puncturella galeata
71353 helmet puncturella
71354 Puncturella multistriata
71354 many-ribbed puncturella
71355 Cranopsis cucullata
71355 hood puncturella
71356 Scelidotoma bella
71356 elegant emarginula
71357 Diadora aspera
71358 Puncturella longifissa
71358 long-slot puncturella
71400 Acmaea sp.
71405 limpet unident.
71406 Lottiidae
71406 thumbnails
71500 Gastropoda
71500 snail unident.
71501 Carinariidae (= Heteropoda)
```

71503 Gastropteron pacifica

```
CODE NAME
71504 Asterophila japonica
71510 Naticidae
71511 Naticidae eggs
71511 moonsnail eggs unid.
71515 Bulbus fragilis
71515 fragile moonsnail
71517 Euspira monterona
71519 Eulima sp.
71519 eulimas
71520 Amauropsis purpurea
71520 purple moon snail
71524 Cryptonatica sp.
71525 Natica sp.
71526 Arctic moonsnail
71526 Cryptonatica affinis
71530 Natica clausa
71535 Aleutian moonsnail
71535 Cryptonatica (=Natica) aleutica
71537 Cryptonatica (=Natica) russa
71537 rusty moonsnail
71540 Muricidae
71541 Nucella canaliculata
71541 channelled dogwinkle
71542 Nucella lamellosa
71542 frilled dogwinkle
71546 Amphissa colmbiana
71546 wrinkled amphissa
71547 Amphissa reticulata
71548 Amphissa versicolor
71548 variegate amphissa
71551 Astyris gausapata
71552 Astyris elegens
71552 elegant dove snail
71570 Euspira lewisii
71575 Euspira sp.
71580 Euspira pallida
71580 pale moonsnail
71583 Lamellariidae
71583 lamellarid unident.
71584 Lamellaria sp.
71585 Onchidiopsis glacialis
71585 icy lamellaria
71586 Capulacmaea commoda
71586 widemouth lamellaria
71587 Onchidiopsis sp. A (Clark & McLean)
71588 Onchidiopsis brevipes
71589 Onchidiopsis sp. B (Clark & McLean)
71590 Onchidiopsis sp.
```

71591 Lamellaria sp. A (Clark & McLean)

CODE NAME 71592 Lamellaria sp. B (Clark & McLean) 71593 Lamellaria sp. C (Clark & McLean) 71594 Lamellaria sp. D (Clark & McLean) 71595 Lamellaria sp. E (Clark & McLean) 71596 Lamellaria sp. F (McLean & Clark) 71596 white Lamellarid 71631 Tachyrhynchus sp. 71634 Tachyrhynchus erosus 71634 eroded turretsnail 71635 Tachyrhynchus reticulatus 71635 reticulated turretsnail 71636 Turritella sp. 71639 Calyptraeidae 71639 slippersnails 71640 Crepidula sp. 71640 slipper shell 71681 Crepidula grandis 71681 great slippersnail 71700 whelk unident. 71702 Aleutian sulcated whelk 71702 Sulcosinus sp. A (McLean & Clark) 71710 Colus sp. 71715 Colus calathus 71716 Colus martensi 71718 Colus periscelidus 71718 garter whelk 71719 Colus jordani 71721 Colus herendeenii 71721 thin-ribbed whelk 71722 Colus hypolispus 71723 Colus ombronius 71723 shady whelk 71724 Colus roseus 71724 rosy whelk 71725 Colus esychus 71726 Colus spitzbergensis 71726 thick-ribbed whelk 71727 Colus georgianus 71728 Colus tahwitanus 71730 Colus aphelus 71730 oblique whelk 71731 Colus halli 71731 shrew whelk 71732 Colus datuzenbergii 71733 Colus bristolensis 71734 Colus trophius

71739 Volutopsius attenuatus 71739 attenuate melon whelk 71740 Japelion aleutica

52 CODE NAME 71741 Japelion sp. 71742 Japelion sp. A 71743 Japelion sp. B 71745 Volutopsius sp. D (Clark & McLean) 71746 Volutopsius sp. C (Clark & McLean) 71747 Pyrulofusus sp. 71748 Habevolutopsius hirasei 71749 Pyrulofusus dexius 71750 Volutopsius sp. 71751 Volutopsius sp. eggs 71752 Pyrulofusus sp. eggs 71753 Pyrulofusus deformis 71753 warped whelk 71755 Pyrulofusus harpa 71755 left-hand whelk 71756 Volutopsius fragilis 71756 fragile whelk 71757 Volutopsius regularis 71757 regular whelk 71759 Volutopsius filosus 71759 threaded whelk 71760 Volutopsius castaneus 71760 volute whelk 71761 Pyrulofusus melonis 71762 Volutopsius simplex 71762 simple whelk 71763 Volutopsius stefanssoni 71763 shouldered whelk 71764 Volutopsius middendorffii 71764 tulip whelk 71765 Volutopsius trophonius 71765 frilled whelk 71766 Volutopsius pallidus 71767 Volutopsius sp. A (McLean & Clark) 71768 Volutopsius sp. B (McLean & Clark) 71769 Beringius sp. 71770 Beringius kennicottii 71771 Beringius frielei 71772 Beringius beringii 71773 Beringius aleuticus 71774 Beringius stimpsoni 71775 Beringius crebricostatus 71775 thick-cord whelk 71776 Beringius undatus

71778 Baxter's Beringius 71778 Beringius sp. A (McLean & Clark) 71779 Beringius sp. B (McLean & Clark)

71779 two-channeled Beringius

71777 Beringius sp. eggs

71893 Plicifusus brunneus

```
CODE NAME
71780 Beringius eyerdami
71781 Beringius incisus
71782 Beringius sp. C(McLean & Clark)
71783 Beringius sp. D (McLean & Clark)
71784 Beringius sp. E (McLean & Clark)
71785 Beringius sp. F (McLean & Clark)
71786 Beringius sp. G (McLean & Clark)
71787 Beringius rotundus
71787 rotund whelk
71788 Beringius sp. H (McLean & Clark)
71789 Beringius sp. I (McLean & Clark)
71790 Neoberingius sp.
71792 Beringius sp. J (McLean & Clark)
71793 Beringius sp. K (McLean & Clark)
71795 Calinaticina oldroyi
71798 Volutharpa ampullacea
71798 paper whelk
71800 Neptunea sp.
71802 Neptunea phoenicia
71810 Neptunea amianta
71810 white neptune
71811 Neptunea smirnia
71820 Neptunea pribiloffensis
71820 Pribilof whelk
71822 Neptunea tabulata
71822 tabled whelk
71835 Neptunea borealis
71840 Neptunea middendorffii
71850 Neptunea eulimata
71860 Neptunea neptunea
71866 Neptunea stilesi
71870 Neptunea lyrata
71870 lyre whelk
71880 Neptunea vermii
71881 Neptunea ithia
71882 Neptunea ventricosa
71882 fat whelk
71883 Neptunea insularis
71884 Neptunea heros
71885 Neptunea sp. E (Clark & McLean)
71886 Clinopegma magnum
71886 helmet whelk
71887 Neptunea sp. A (McLean & Clark)
71888 Neptunea sp. B (McLean & Clark)
71889 Neptunea sp. C (McLean & Clark)
71890 Plicifusus sp.
71891 Plicifusus kroyeri
71892 Plicifusus incisus
```

CODE NAME 71893 brown whelk 71894 Plicifusus verkruzeni 71895 Volutopsius callorhinus 71896 Plicifusus oceanodromae 71896 seahorse whelk 71897 Plicifusus virens 71898 Plicifusus stejnegeri 71899 Plicifusus sp. A (Clark & McLean) 71900 Plicifusus griseus 71900 gray whelk 71901 Sulcosinus taphrius 71901 sulcated whelk 71904 Exilioidea rectirostris 71905 Exilioidea kelseyi 71906 Mohnia robusta 71910 Liomesus sp. 71911 Liomesus ooides 71911 egg whelk 71912 Pseudoliomesus canaliculatus 71913 Liomesus nassula 71913 basket whelk 71915 Neptunea sp. D (Clark & McLean) 71916 Neptunea sp. F (Clark & McLean) 71917 Neptunea sp. G (Clark & McLean) 71925 Colus sp. A (Clark & McLean) 71926 Colus sp. B (Clark & McLean) 71960 Ancistrolepis sp. 72019 Antiplanes sp. 72020 Antiplanes perversa 72021 Antiplanes thalea 72022 Antiplanes piona 72023 Antiplanes vinosus 72024 Antiplanes sp. A (Clark & McLean) 72025 Rectiplanes sp. 72026 Rectiplanes sp. A (Clark & McLean) 72030 Suavodrillia kennicotti 72058 Turridae 72058 turrid snails 72059 Aforia sp. 72060 Aforia goodei 72062 Aforia kinkaidi 72062 Kinkaid's Aforia 72063 Aforia circinata 72063 keeled aforia 72064 Epitonium sp. 72065 Boreoscala greenlandica 72065 Greenland wentletrap

72066 Epitonium indianorum

72067 Boreoscala sp.

55 CODE NAME 72070 Carinoturris fortis 72071 Acirsa sp. A (McLean & Clark) 72071 Aleutian Wentletrap 72081 Nitidiscala indianorum 72081 money wentletrap 72100 Oenopota sp. 72103 Oenopota harpa 72104 Oenopota nobilis 72105 Oenopota fidicula 72130 Mangelia carlotta 72181 Obesotoma simplex 72300 Trichotropidae 72301 Trichotropis sp. 1 (Clark & McLean) 72302 Trichotropis borealis 72303 Trichotropis insignis 72303 gray hairysnail 72304 Iphinoe (=Trichotropis) coronata 72304 crowned hairysnail 72305 Trichotropis bicarinata 72305 two-keel hairysnail 72306 Trichotropis cancellata 72307 Trichotropis conica 72308 Trichotropis sp. 72370 Iphinoe (=Trichotropis) kroyeri 72370 Kroyer's hairy snail 72371 Iphinoe pemabilis 72380 Torellia ammonia 72380 rams-horn hairysnail 72381 Torellia sp. 72381 hairysnails 72382 Torellia lineata 72386 Scabrotrophon sp. A (Clark & McLean) 72387 Scabrotrophon sp. B (Clark & McLean) 72388 Scabrotrophon sp. C (Clark & McLean) 72389 Scabrotrophon sp. D (Clark & McLean) 72390 Scabrotrophon sp. E (Clark & McLean) 72393 Scabrotrophon maltzani 72394 Scabrotrophon clarki 72395 Scabrotrophon scitulus 72395 spiny trophon 72396 Scabrotrophon rossica 72397 Scabrotrophon densicostatus 72398 Scabrotrophon scarlatoi 72399 Scabrotrophon sp. 72401 Bering trophon 72401 Boreotrophon beringi

72402 Alaskan trophon 72402 Boreotrophon alaskanus

72403 Boreotrophon coronatus

CODE NAME 72404 Boreotrophon rotundatus 72404 rotund trophon 72405 Boreotrophon elegantulus 72406 Boreotrophon clathratus 72406 clathrate trophon 72407 Boreotrophon stuarti 72407 winged trophon 72408 Boreotrophon kamchatkanus 72408 Kamchatka trophon 72409 Boreotrophon multicostatus 72409 ribbed trophon 72410 Boreotrophon rotundus 72420 Boreotrophon sp. 72421 Boreotrophon pacificus 72423 Ceratostoma foliatum 72423 foliate thornmouth 72436 Nipponotrophon sp. A (Clark & McLean) 72500 Fusitriton oregonensis 72500 Oregon triton 72501 Fusitriton sp. 72510 trochid unident. 72511 Calliostoma sp. 72512 Calliostoma platinum 72512 silvery topsnail 72513 Calliostoma titanium 72514 Calliostoma variegatum 72515 Tegula pulligo 72516 Calliostoma canaliculatum 72516 channeled topsnail 72520 Bathybembix bairdii 72521 Calliotropis carlotta 72525 Cidarina cidaris 72531 Margarites sp. 72532 Margarites pupillus 72532 little margarite 72533 Margarites giganteus 72533 giant margarite 72534 Margarites argentatus 72535 Margarites costalis 72535 boreal rosy margarite 72536 Margarites sp. A (Clark & McLean) 72537 Margarites sp. B (Clark & McLean) 72538 Margarites sp. C (Clark & McLean) 72539 Margarites beringensis 72540 Solariella sp. 72541 Solariella obscura 72541 obscure solarelle 72542 Solariella micraulax 72542 fine-groove solarelle

```
CODE NAME
72543 Solariella varicosa
72543 varicose solarelle
72544 Solariella nuda
72544 naked solarelle
72545 Solariella peramabilis
72546 Solariella sp. A (Clark & McLean)
72551 Otukaia kiheiziebisu
72554 Calliostoma ligatum
72554 bluetopsnail
72555 Calliostoma annulatum
72571 Oligoneria conica
72731 Amphissa sp.
72738 Buccinum bulimuloideum
72739 Buccinum picturatum
72740 Buccinum sp.
72741 Buccinum polium
72742 Buccinum ochotense
72742 Okhotsk whelk
72743 Buccinum angulosum
72743 angular whelk
72744 Buccinum fringillum
72744 finch whelk
72745 Buccinum sigmatopleura
72745 wavy whelk
72746 Buccinum simulatum
72747 Buccinum oedematum
72747 swollen whelk
72748 Buccinum eugrammatum
72748 lirate whelk
72749 Buccinum viridum
72749 turban whelk
72750 Buccinum strigillatum
72751 Buccinum plectrum
72751 sinuous whelk
72752 Buccinum scalariforme
72752 ladder whelk
72753 Aleut whelk
72753 Buccinum aleuticum
72754 Buccinum cnismatum
72754 scratched whelk
72755 Buccinum polare
72755 polar whelk
72756 Buccinum solenum
72757 Buccinum ciliatum
72758 Buccinum glaciale
72758 glacial whelk
72759 Buccinum tenellum
```

72760 Buccinum castaneum 72760 chestnut whelk

CODE NAME 72761 Searlesia dira 72761 dire whelk 72762 Bathybuccinum clarki 72762 Roger's buccinid 72763 Bathybuccinum sp. 72764 Bathybuccinum ovulum 72765 Buccinum sp. A (McLean & Clark) 72765 Katherine's whelk 72767 Retifusus sp. 72768 Ancistrolepis bicinctus 72768 two-ribbed whelk 72769 Ancistrolepis eucosmius 72769 three-ribbed whelk 72770 Columbella sp. 72770 dovesnails 72773 Buccinum costatum 72773 costate whelk 72775 Buccinum sp. B (McLean & Clark) 72775 mega-ribbed chestnut whelk 72776 Buccinum sp. C (McLean & Clark) 72776 one-ribbed whelk 72777 Buccinum sp. D (McLean & Clark) 72777 many-ribbed chestnut whelk 72778 Buccinum triplostephanum 72778 three-ribbed chestnut whelk 72779 Buccinum sp. E (McLean & Clark) 72779 two-ribbed chestnut whelk 72780 Buccinum sp. F (McLean & Clark) 72780 crenulated whelk 72781 Buccinum sp. G (McLean & Clark) 72782 Buccinum sp. H (McLean & Clark) 72783 Buccinum sp. I (McLean & Clark) 72784 Buccinum moarchianum 72785 Buccinum transliratum 72785 transect whelk 72786 Buccinum rondinum 72786 eroded whelk 72787 Volutomitra sp. 72788 Volutomitra sp. B (Clark & McLean) 72789 Arctomelon sp. 72790 Alaska volute 72790 Arctomelon stearnsii 72791 Arctomelon borealis 72792 Arctomelon tamikoae 72794 Arctomelon sp. cf. stearnsii (Clark & McLean) 72795 Volutomitra alaskana 72796 Volutomitra sp. A (Clark & McLean)

72797 Olivella beatica 72797 beatic dwarf olive

```
CODE NAME
72800 Velutina undata
72800 wavy lamellaria
72801 Velutina nana
72802 Velutina plicatilis
72802 oblique lamellaria
72803 Velutina conica
72803 conical lamellaria
72804 Velutina prolongata
72804 elongate lamellaria
72805 Velutina velutina
72805 smooth lamellaria
72806 Velutina sp.
72807 Velutina sp. A (Clark & McLean)
72808 Velutina sp. B (Clark & McLean)
72809 Velutina sp. C (Clark & McLean)
72810 Velutina rubra
72821 Clinopegma unicum
72821 unique whelk
73183 Admete virdula
73183 northern admete
73185 Admete laevior
73186 Admete regina
73186 noble admete
73187 Admete middendorffi
73188 Admete couthouyi
73189 Neadmete circumcenta
73190 Neadmete modesta
73210 Cerithiopsidae sp. A
73210 horn shell
73351 Cylichna alba
73351 white chalice-bubble
74000 Bivalvia
74000 bivalve unident.
74001 Acharax johnsoni
74050 Mytilidae
74050 mussel unident.
74060 Modiolus modiolus
74060 northern horsemussel
74065 Mytilus sp.
74070 California mussel
74070 Mytilus californianus
74080 Mytilus edulis
74080 blue mussel
74100 Pectinidae
74100 scallop unident.
74103 Chlamys albida
74103 white scallop
74104 Chlamys sp.
```

74105 Chlamys behringiana

```
CODE NAME
74105 Iceland scallop
74106 Chlamys rubida
74106 reddish scallop
74107 Chlamys hastata
74107 spiny scallop
74108 Chlamys sp. cf. unalaskae (Clark & McLean)
74109 Chlamys erythocomata
74112 Chlamys pseudoislandica
74112 false iceland scallop
74120 Patinopecten caurinus
74120 weathervane scallop
74130 Crassadoma gigantea
74130 giant rock-scallop
74171 Delectopecten vancouverensis
74171 Vancouver scallop
74174 Parvamussium sp.
74175 Alaska glass-scallop
74175 Parvamussium alaskense
74176 Cyclopecten sp.
74177 Cyclopecten davidsoni
74177 salmon glass-scallop
74178 Cyclopecten uschakovi
74179 Cyclopecten sp. cf. benthalis (Clark & McLean)
74301 Pacific geoduck
74301 Panopea abrupta
74310 Hiatella sp.
74311 Arctic hiatella
74311 Hiatella arctica
74320 Panomya arctica
74321 Panomya sp.
74322 Arctic roughmya
74322 Panomya norvegica
74323 Panomya ampla
74323 ample roughmya
74325 Solemya sp.
74325 awning clam
74326 Solemya reidi
74326 gutless awning clam
74332 Nucula sp.
74333 Nucula tenuis
74333 smooth nutclam
74342 Acila castrensis
74342 divaricate nutclam
74412 Megayoldia sp.
74414 Yoldia sp.
74415 Yoldia montereyensis
74416 Yoldia seminuda
74416 crisscrossed yoldia
74417 Yoldia myalis
```

CODE NAME 74417 oval yoldia 74419 Yoldia thraciaeformis 74419 broad yoldia 74420 Yoldia hyperborea 74420 northern yoldia 74421 Portlandia sp. 74425 Yoldiella sp. 74435 Nuculana sp. 74436 Nuculana pernula 74436 northern nutclam 74437 Nuculana taphira 74438 Nuculana conceptionis 74439 Nuculana fossa 74439 trenched nutclam 74440 Nuculana buccata 74440 stout nutclam 74481 Akutan limops 74481 Limopsis akutanica 74482 Empleconia vaginata 74482 vaginated limops 74485 Glycymeris septentrionalis 74486 Glycymeris subobsoleta 74486 california bittersweet 74490 Samacar sp. 74511 Lyonsia sp. 74551 Vilasina seminuda 74552 British Columbia crenella 74552 Solamen columbianum 74560 Musculus sp. 74561 Musculus niger 74561 black mussel 74562 Musculus discors 74562 discordant mussel 74563 Musculus olivaceus 74564 Crenella seminuda 74564 partly-sculptured crenella 74571 Limatula attenuata 74572 Limatula sp. A (Clark & McLean) 74639 Astarte crenata 74639 crenulate astarte 74640 Astarte sp. 74641 Astarte borealis 74641 boreal astarte 74642 Astarte polaris 74642 polar astarte 74643 Astarte elliptica 74643 elliptical astarte

74644 Rolland tridonta 74644 Tridonta rollandi

CODE NAME 74645 Astarte compacta 74646 Astarte arctica 74647 Astarte montagui 74648 Astarte esquimalti 74650 Cardita sp. 74651 Carditidae 74652 Cyclocardia ovata 74653 Cyclocardia ventricosa 74653 stout cyclocardia 74654 Cyclocardia crassidens 74654 thick carditid 74655 Cyclocardia crebricostata 74655 many-rib cyclocardia 74656 Cyclocardia sp. 74657 Cyclocardia umnaka 74658 Cyclocardia sp. cf. borealis (Clark 2006) 74658 northern carditid 74712 Vesicomya pacifica 74801 Lasaeidae unident. 74802 Kellia suborbicularis 74802 suborbicular kellyclam 74803 Kellia laperousii 74803 La Perouse kellyclam 74924 Conchocele bisecta 74980 Clinocardium sp. 74981 cockle unident. 74982 Clinocardium nuttallii 74982 Nuttall cockle 74983 Clinocardium ciliatum 74983 hairy cockle 74985 California cockle 74985 Clinocardium californiense 74986 Clinocardium blandum 74986 low-rib cockle 74987 Nemocardium centifilosum 74987 hundred-line cockle 75016 Compsomyax subdiaphanus 75016 milky venus 75020 Saxidomus nuttalli 75020 Washington clam 75021 Saxidomus gigantea 75021 butter clam 75025 Humilaria kennerleyi 75025 Kennerleys venus 75030 Pacific littleneck 75030 Protothaca staminea 75031 Protothaca sp. 75092 Liocyma fluctosa

75092 wavy liocyma

CODE NAME

- 75102 Pacific gaper
- 75102 Tresus nuttallii
- 75103 Tresus capax
- 75103 fat gaper
- 75110 Mactromeris sp.
- 75111 Arctic surfclam
- 75111 Mactromeris polynyma
- 75120 Gari californica
- 75125 Semele rubropicta
- 75201 Tellina sp.
- 75202 Tellina carpenteri
- 75202 carpenter tellin
- 75203 Tellina nuculoides
- 75203 salmon tellin
- 75204 Tellina modesta
- 75205 Alaska great-tellin
- 75205 Tellina lutea
- 75206 Tellina bodegensis
- 75218 Entoclesma navicula
- 75221 Pandora wardiana
- 75222 Pandora bilirata
- 75222 bilirate pandora
- 75223 Pandora filosa
- 75223 threaded pandora
- 75235 Glycymeris sp.
- 75235 bittersweets
- 75240 Macoma sp.
- 75241 Macoma nasuta
- 75241 bent-nose macoma
- 75242 Macoma calcarea
- 75242 chalky macoma
- 75243 Macoma yoldiaformis
- 75244 Macoma secta
- 75244 white-sand macoma
- 75245 Macoma carlottensis
- 75246 Macoma moesta
- 75247 Macoma brota
- 75247 heavy macoma
- 75248 Macoma inquinata
- 75248 pointed Macoma
- 75264 Siliqua sp.
- 75266 Pacific razor
- 75266 Siliqua patula
- 75267 Alaska razor
- 75267 Siliqua alta
- 75284 Serripes sp.
- 75285 Greenland cockle
- 75285 Serripes groenlandicus
- 75286 Serripes laperousii

CODE NAME 75286 broad cockle 75287 Serripes notabilis 75287 oblique smoothcockle 75330 Mya sp. 75331 Mya baxteri 75332 Mya arenaria 75332 softshell 75333 Mya truncata 75333 truncate softshell 75335 Mya pseudoarenaria 75335 false softshell 75336 Mya elegans 75336 elegant soft shell 75340 Thracia trapezoides 75372 Xylophaga californica 75381 Shipworm unident. 75381 Teredinidae 75382 Bankia setacea 75382 feathery shipworm 75410 Lyonsia arenosa 75410 sandy lyonsia 75420 Lucinoma annulatum 75420 ringed lucine 75551 Cardiomya sp.

75601 Pododesmus cepio 75601 abalone jingle 75605 Pododesmus sp. 75606 Hinnites sp. 75606 rock scallops unident 75609 Anomia sp. 75610 Anomiidae

75610 falsejingles unident.

75560 Cuspidaria glacialis 75570 Halicardia perplicata 75600 Alaska falsejingle 75600 Pododesmus macrochisma

- 77000 Scaphopoda 77000 scaphopod unident.
- 77010 Dentalildae
- 77011 Dentalium sp. 77012 Dall tuskshell
- 77012 Rhabdus dalli
- 77015 Cadulus sp.
- 77102 Compressidens stearnsii
- 77102 Stearns toothshell
- 78000 Cephalopoda
- 78000 cephalopod unident.
- 78005 Cephalopoda unid. egg
- 78005 squid or octopus unid. eggs

CODE NAME 78006 Decapodiformes unid. egg 78006 squid unident. egg 78010 Octopodidae 78010 octopus unident. 78011 pelagic octopus unident. 78012 Benthoctopus leioderma 78012 smoothskin octopus 78013 Benthoctopus sibiricus 78020 Octopus sp. 78021 Japetella heathi 78021 yellowring octopus 78022 Japetella diaphana 78023 Japetella 78030 Opisthoteuthis californiana 78030 flapjack devilfish 78040 Grimpoteuthis albatrossi 78210 North Pacific bigeye octopus 78210 Octopus californicus 78300 Bolitaenidae 78301 Opisthoteuthis sp. cf. californiana (Jorgensen) 78352 Graneledone boreopacifica 78353 Graneledone sp. cf. boreopacifica (Nesis) 78403 Octopus dofleini 78403 giant octopus 78404 Octopus rubescens 78452 Benthoctopus sp. 78454 Sasakiopus salebrosus 78454 pygmy benthoctopus 78455 Benthoctopus oregonensis 78502 Vampyroteuthis infernalis 78502 vampire squid 79000 Decapodiformes 79000 squid unident. 79001 Taningia danae 79001 rhomboid squid 79002 squid eggs unident. 79020 Rossia pacifica 79020 eastern Pacific bobtail 79021 Rossia pacifica eggs 79120 California market squid 79120 Loligo opalescens 79199 Gonatidae unid. 79200 Gonatus sp. 79201 Gonatus onyx 79201 clawed armhook squid 79202 Berry armhook squid 79202 Gonatus berryi 79203 Gonatus pyros 79203 fiery armhook squid

```
CODE NAME
79204 California armhook squid
79204 Gonatus californiensis
79205 Gonatus madokai
79206 Gonatus kamtschaticus
79207 Eogonatus tinro
79208 Gonatus middendorffi
79210 Berryteuthis magister
79210 magistrate armhook squid
79211 Berryteuthis anonychus
79250 Gonatopsis sp.
79252 Gonatopsis borealis
79252 boreopacific armhook squid
79253 Gonatopsis sp. cf. japonica (Kubodera & Okutani)
79254 Gonatopsis makko
79254 makko armhook squid
79259 Ommastrephidae
79260 Ommastrephes bartrami
79260 red flying squid
79265 Dosidicus gigas
79265 Humboldt squid
79302 Moroteuthis robusta
79302 robust clubhook squid
79310 Onychoteuthidae
79311 Onychoteuthis banksii
79311 common clubhook squid
79312 Onychoteuthis borealijaponicus
79312 boreal clubhook squid
79340 Galiteuthis phyllura
79351 Abraliopsis sp.
79352 Abraliopsis felis
79403 Chiroteuthis sp.
79404 Chiroteuthis calyx
79405 Cranchia scabra
79405 sandpaper squid
79406 Cranchiidae
79440 Taoniinae
79442 Taonius pavo
79504 Octopoteuthis deletron
79509 Histioteuthis sp.
79509 jewel squids
79510 Histioteuthis heteropsis
79511 Histioteuthis dofleini
79512 Histioteuthis hoylei
79513 Stigmatoteuthis dofleini
80000 Asteroidea
80000 sea star unident.
80005 Ceramaster leptoceramus
80010 Evasterias sp.
80012 Evasterias retifera
```

CODE NAME

80015 Evasterias troschelii 80015 mottled sea star 80018 Diamphiodia occidentalis 80020 Evasterias echinosoma 80020 giant sea star 80030 Urasterias lincki 80105 Orthasterias sp. 80106 Orthasterias koehleri 80106 redbanded sea star 80110 Leptasterias groenlandica 80111 Leptasterias hexactis 80112 Aleutian sea star 80112 Leptasterias hylodes 80113 Leptasterias stolocantha 80115 Leptasterias coei 80116 Leptasterias truculenta 80116 giant Aleutian six-rayed star 80117 Leptasterias leptodoma 80118 Leptasterias sp. A (Clark) 80119 Leptasterias sp. B (Clark) 80120 Rathbunaster californicus 80159 Asteriidae 80160 Pycnopodia helianthoides 80160 sunflower sea star 80165 Astrometis sp. 80170 Stylasterias forreri 80170 long-rayed star 80171 Stylasterias sp. 80180 Ampheraster sp. 80182 Ampheraster marianus 80190 Tarsaster alaskanus 80200 Lethasterias nanimensis 80200 blackspined sea star 80201 Lethasterias sp. 80220 Pedicellaster sp. 80230 Pedicellaster magister 80230 majestic sea star 80250 Stephanasterias albula 80310 Pisaster sp. 80311 Pisaster brevispinus 80311 giant pink star 80312 Pisaster ochraceus 80312 purple star 80520 Poraniopsis inflata 80520 thorny sea star 80525 Poraniopsis flexilius 80535 Henricia sp. A (Clark 2006) 80535 lined blood star

80536 Henricia sp. B (Clark 2006)

68 CODE NAME 80536 white Henricia 80537 Henricia sp. C (Clark 2006) 80537 mottled Henricia 80539 Henricia derjugini 80540 Henricia sp. 80541 Henricia clarki 80542 Henricia sanguinolenta 80542 sanguine sea star 80543 Henricia aspera 80543 ridged blood star 80544 Henricia leviuscula 80544 blood sea star 80545 Henricia aleutica 80546 Henricia tumida 80546 tumid sea star 80547 Henricia asthenactis 80548 Henricia longispina 80549 Henricia spiculifera 80549 spiny Henricia 80550 Odontohenricia fisheri 80551 Odontohenricia sp. 80552 Odontohenricia sp. A (Clark) 80553 Odontohenricia sp. B (Clark) 80554 Odontohenricia sp. C (Clark) 80555 Odontohenricia sp. D (Clark) 80556 Odontohenricia sp. E (Clark 2006) 80556 giant toothed Henricia 80560 Henricia sp. D (Clark 2006) 80560 fuzzy henricia 80561 Henricia sp. E (Clark 2006) 80561 slender pale Henricia 80590 Leptasterias polaris 80591 Leptasterias katharinae 80594 Leptasterias arctica 80595 Leptasterias sp. 80596 Leptasterias camtschatica 80597 Bering Henricia 80597 Henricia beringiania 80598 Henricia dyscrita 80598 short-spined Henricia 80601 Aleutiaster sp. 80602 Gephyreaster swifti 80602 Swift's sea star 80603 Gephyreaster sp. 80610 Pseudarchaster sp.

80625 Pseudarchaster dissonus 80628 Odontaster sp.

80620 Pseudarchaster alascensis 80624 Pseudarchaster pussillus

69 CODE NAME 80629 Odontaster sp. B (Clark) 80630 Hippasteria sp. 80631 Hippasteria kurilensis 80632 Hippasteria armata 80633 Hippasteria sp. A (Clark 1999) 80634 Hippasteria sp. B (Clark) 80634 pale spiny star 80635 Bering spiny star 80635 Hippasteria sp. C (Clark) 80636 Commander spiny star 80636 Hippasteria sp. D (Clark) 80637 Alaskan spiny star 80637 Hippasteria sp. E (Clark) 80640 Hippasteria californica 80645 Hippasteria heathi 80646 Hippasteria leiopelta 80647 Hippasteria pedicellaris 80650 Hippasteria spinosa 80650 spiny red sea star 80660 Pseudarchaster parelii 80660 scarlet sea star 80670 Cryptopeltaster lepidonotus 80690 Mediaster sp. 80691 Mediaster tenellus 80710 Mediaster aequalis 80710 vermilion sea star 80728 Ceramaster sp. 80729 Ceramaster japonicus 80729 red bat star 80730 Ceramaster patagonicus 80730 orange bat sea star 80731 Arctic bat sea star 80731 Ceramaster arcticus 80732 Ceramaster clarki 80733 Ceramaster stellatus 80735 Goniasteridae 80735 goniasterid sea stars 80800 Luidia sp. 80810 Luidia foliolata 80810 sand sea star 80811 Astropectinidae 80910 Dermasterias imbricata 80910 leather sea star 80915 Asterina miniata

80915 bat star 81060 Solaster sp.

81061 Solaster endeca

81061 northern sun sea star

81062 Solaster hypothrissus

```
CODE NAME
81063 Solaster sp. B
81064 Solaster dawsoni
81064 morning sun sea star
81065 Solaster stimpsoni
81065 striped sun sea star
81066 Solaster exiguus
81067 Solaster sp. A (Clark 1997)
81068 Solaster sp. C (Clark)
81068 beautiful sun star
81069 Solaster sp. D (Clark)
81069 serpent sun star
81070 Kessler sun star
81070 Solaster sp. E (Clark)
81071 Fisher sun star
81071 Solaster sp. F (Clark)
81072 Solaster sp. G (Clark)
81072 ocher sun star
81080 Solaster paxillatus
81080 evening sun sea star
81090 Crossaster sp.
81092 Crossaster borealis
81092 grooved sea star
81093 Crossaster sp. A (Clark)
81093 white rose star
81094 Crossaster sp. B (Clark)
81094 pink rose star
81095 Crossaster papposus
81095 rose sea star
81100 Heterozonias alternatus
81100 cannonball sun star
81120 Lophaster sp.
81121 Lophaster sp. A (Clark)
81122 Lophaster sp. B (Clark)
81125 Lophaster vexator
81125 crested star
81130 Lophaster furcilliger
81130 crested sea star
81135 Asthenactis fisheri
81295 Peribolaster biserialis
81310 Pteraster sp.
81311 Pteraster sp. cf. temnochiton (Clark 1999)
81312 Pteraster temnochiton
81312 cushion sea star
81313 Pteraster sp. A (Clark 1999)
81314 Pteraster sp. B (Clark 1997)
81315 Pteraster tesselatus
81316 Pteraster jordani
81317 Pteraster sp. C (Clark)
81318 Pteraster sp. D (Clark)
```

CODE NAME 81319 Pteraster sp. E (Clark) 81320 Pteraster militaris 81320 wrinkled star 81321 Pteraster marssipus 81323 Pteraster sp. F (Clark) 81340 Pteraster tesselatus arcuatus 81345 Pteraster trigonodon 81350 Pteraster coscinopeplus 81350 deepwater pteraster 81355 Pteraster obscurus 81355 obscure sea star 81356 Pteraster pulvillus 81360 Diplopteraster multipes 81360 pincushion sea star 81361 Diplopteraster sp. 81365 Hymenaster sp. 81365 pancake star 81370 Thrissacanthias penicillatus 81741 Asterias sp. 81742 Asterias amurensis 81742 purple-orange sea star 81743 Astropecten californicus 81779 Ctenodiscus sp. 81780 Ctenodiscus crispatus 81780 common mud star 81820 Leptychaster sp. 81829 Leptychaster anomalus 81830 Leptychaster pacificus 81831 Leptychaster propinquus 81835 Leptychaster arcticus 81835 North Pacific sea star 81840 Cladaster validus 81841 Cladaster sp. 81850 Dipsacaster sp. 81860 Dipsacaster anoplus 81870 Dipsacaster borealis 81870 northern sea star

- 81890 Benthopectinidae 81909 Aleutian fragile sea star
- 81909 Cheiraster sp. A (Clark 2006)
- 81910 Cheiraster dawsoni

81875 Dipsacaster eximus 81880 Psilaster pectinatus

- 81910 fragile sea star
- 81912 Nearchaster variabilis
- 81919 Nearchaster sp.
- 81920 Nearchaster aciculosus
- 81921 Nearchaster pedicellaris
- 81930 Astronebris tatafilius

```
CODE NAME
82000 Brisingella pusilla
82001 Brisingella exilis
82002 Brisingella sp.
82003 Brisingidae
82003 brisingid sea star
82030 Zoroasteridae
82035 Evermann's seastar
82035 Zoroaster evermanni
82060 Zoroaster ophiurus
82090 Myxoderma platyacanthum
82091 Myxoderma sacculatum
82100 Anteliaster sp.
82101 Anteliaster nannodes
82500 Echinacea
82500 sea urchin unident.
82510 Strongylocentrotus droebachiensis
82510 green sea urchin
82511 Strongylocentrotus sp.
82515 Strongylocentrotus echinoides
82520 Strongylocentrotus franciscanus
82520 red sea urchin
82522 Strongylocentrotus polyacanthus
82525 Strongylocentrotus purpuratus
82525 purple sea urchin
82526 Strongylocentrotus pallidus
82526 white sea urchin
82527 Strongylocentrotus sp. A
82528 Strongylocentrotus sp. B
82530 Allocentrotus fragilis
82530 orange-pink sea urchin
82535 Allocentrotus sp.
82650 heart urchin unident.
82660 Brisaster sp.
82670 Brisaster townsendi
82672 large green heart urchin
82673 oval heart urchin
82675 Brisaster latifrons
82675 heart urchin
82676 Brisaster owstoni
82680 Spatangus californicus
82685 Brissopsis pacifica
82690 Marginoproctus sp.
82691 Marginoproctus dyakonovi
82730 sand dollar unident.
82740 Echinarachnius parma
82740 parma sand dollar
82741 Dendraster excentricus
82750 crinoid unident.
```

82751 Ptilocrinus pinnatus

CODE NAME 82751 yellow sea lily 82755 Heliometra glacialis 82757 Alaskan crinoid 82757 Retiometra alascana 82760 Florometra sp. 82761 Florometra acririma 82765 Florometra inexpectata 82770 Florometra serratissima 82770 featherstar crinoid 82771 Florometra asperrima 82771 common northern feather star 82772 Psathyrometra fragilis 82773 Psathyrometra profundorum 82775 Fariometra sp. 82775 dwarf feather star 83000 Ophiuroidea 83000 brittlestarfish unident. 83010 Ophiuridae 83020 Gorgonocephalus eucnemis 83020 basketstar 83021 Gorgonocephalus sp. cf. arcticus 83022 Gorgonocephalus sp. 83025 Astrophyton pardalis 83055 Asteronychidae 83060 Asteronyx sp. 83065 Astrochema sublavae 83070 Asteronyx loveni 83070 serpent sea star 83075 Asteronyx longifissa 83080 Astrochele laevis 83081 Astrochele sp. A (Clark 2006) 83090 Astrochele sp. 83310 Ophiura sp. 83311 Ophiura cryptolepis 83312 Ophiura quadrispina 83312 four spined brittle star 83319 Ophiura lutkeni 83319 gray brittle star 83320 Ophiura sarsi 83320 notched brittlestar 83336 Amphiophiura nodosa 83337 Amphiophiura sp. A (Clark 2006) 83338 Amphiophiura superba 83339 Amphiophiura sp. 83340 Stegophiura ponderosa 83341 Ophiacantha normani

83342 Ophiacantha sp.

83343 Ophiacantha enneactis 83344 Ophiacantha diplasia

```
CODE NAME
83345 Ophiacantha cataleimmoida
83346 Ophiacantha sp. cf. rhachophora
83347 Ophiacantha sp. A
83360 Ophiopholis sp.
83390 Ophiopholis longispina
83400 Ophiopholis aculeata
83400 ubiquitous brittle star
83402 Ophioscolex sp.
83403 Ophioscolex corynetes
83405 Ophiothrix sp.
83406 Ophiothrix spiculata
83407 Ophiomusium jolliensis
83408 Ophiosphalma sp. cf. jolliensis
83409 Ophiomusium sp.
83411 Ophiolebes sp.
83412 Ophiolebes pachybactra
83412 thick spined brittle star
83413 Ophiolebes brevispina
83413 short spined brittle star
83414 Ophiolebes tylota
83415 Ophiolebes paucispina
83416 Ophiolebes sp. A (Clark 2006)
83417 Ophiolebes sp. B (Clark 2006)
83418 Ophiolebes sp. C (Clark 2006)
83419 Ophiolebes sp. D (Clark 2006)
83420 Ophiolebes sp. E (Clark 2006)
83421 Ophiolebes sp. F (Clark 2006)
83480 Ophiomusium lymani
83501 Astrophiura sp.
83660 Amphiuridae
83660 burrowing brittle star unident.
83700 Amphiodia rossica
83701 Amphiodia sp.
85000 Holothuroidea
85000 sea cucumber unident.
85010 Cucumaria japonica
85012 Ocnus sp.
85015 Parastichopus sp.
85016 Parastichopus leukothele
85016 giant orange cucumber
85020 California sea cucumber
85020 Parastichopus californicus
85060 Pseudostichopus sp.
85070 Pseudostichopus mollis
85070 sandy sea cucumber
85080 Chiridota sp.
85081 Chiridota albatrossii
85110 Molpadia arenicola
85115 Molpadia sp.
```

CODE NAME 85120 Molpadia intermedia 85120 sweet sea potato 85167 Eupentacta quinquesemita 85169 Pentamera lissoplaca 85169 crescent sea cucumber 85170 Pentamera sp. 85171 Pentamera sp. A (Clark 2006) 85175 Paracaudina chilensis 85175 rattail sea cucumber 85180 Bathyplotes sp. 85200 Cucumaria sp. 85201 Cucumaria fallax 85201 sea football 85202 Cucumaria frondosa 85205 Apostichopus japonicus 85209 Psolidae 85210 Psolus sp. 85211 Psolus phantapus 85212 Psolus chitonoides 85213 Psolus sp. A (Clark 2006) 85219 Psolus fabricii 85219 brownscaled sea cucumber 85220 Psolus squamatus 85220 whitescaled sea cucumber 85221 Psolus peroni 85222 Psolus japonicus 85224 Psolidium bullatum 85260 Thylonidium sp. 85269 Pannychia sp. 85270 Pannychia moseleyi 85270 deep sea papillate cucumber 85287 Synallactes sp. A (Clark 2006) 85289 Synallactes sp. 85290 Synallactes challengeri 85310 Paelopatides confundens 85310 swimming sea cucumber 85410 Scotoplanes theeli 85411 Scotoplanes sp. 91000 Porifera 91000 sponge unident. 91002 hairy lemon sponge 91005 vase sponge unident. 91010 Demospongiae 91015 Suberites sp. 91016 Suberites ficus 91017 Suberites sp. A (Clark 2006) 91017 wax sponge

91018 Suberites montiniger

91018 peach sponge

91064 firm finger sponge

CODE NAME 91020 Suberites domuncula 91020 hermit sponge 91030 Aphrocallistes vastus 91030 clay pipe sponge 91031 white claypipe sponge 91035 Heterochone calyx 91035 goblet sponge 91036 Heterochone tenerum 91036 crusty tube sponge 91038 Phakellia sp. 91039 Mycale sp. 91040 Mycale loveni 91040 tree sponge 91041 Mycale sp. A (Clark 2006) 91041 red mycale 91042 Mycale adhaerens 91042 smooth scallop sponge 91044 Geodiidae 91045 Coelosphaeridae 91045 ginseng sponge 91046 Geodia mesotriaena 91047 Geodia sp. 91048 Acanthascus sp. 91049 Halichondria sp. 91050 Halichondria panicea 91050 barrel sponge 91051 neon yellow vase sponge 91052 Leucandra heathi 91052 spiny vase sponge 91053 Rhabdocalyptus sp. 91053 cloud sponge 91054 Mycale bellabellensis 91054 lampshade sponge 91055 brain sponge 91056 Phakellia cribrosa 91056 funnel sponge 91057 scapula sponge 91059 Phakellia dalli 91059 cat-o-nine-tails sponge 91060 Myxilla incrustans 91060 scallop sponge 91061 Myxilla lacunosa 91061 sulfur sponge 91062 Myxilla brunnea 91062 soft brown sponge 91063 Phakellia beringensis 91063 hat sponge 91064 Plicatellopsis amphispicula

CODE NAME 91065 Pachastrellidae sp. 1 91065 mushroom sponge 91066 Histodermella sp. A (Clark 2006) 91066 spud sponge 91067 club sponge 91068 Leucosolenia blanca 91068 yellow leafy sponge 91069 Tethya sp. 91069 ball sponge 91070 Hyalonema sp. 91070 fiberoptic sponge 91071 staghorn sponge 91072 orange ball sponge 91073 Leucosolenia sp. 91074 Polymastia sp. 91075 Polymastia pacifica 91076 orange sponge 91077 yellow bowl sponge 91078 Polymastia pachymastia 91078 black-orange spud sponge 91079 Halichondria sitiens 91079 black papilliate sponge 91080 Halichondria cf. sitiens 91080 yellow green papillate sponge 91081 Yellow papillate sponge 91082 Polymastia sp. B (Clark 2006) 91082 orange nipple ball sponge 91083 orange encrusting sponge 91084 firm yellow green sponge 91085 Leucandra sp. A (Clark 2006) 91085 hairy vase sponge 91086 Stylissa sp. 91086 drumstick sponge 91088 Neoesperiopsis rigida 91088 soft finger sponge 91089 Neoesperiopsis infundibula 91089 rough China hat sponge 91090 orange papillate sponge 91091 Neoesperiopsis sp. 91092 cheesestick sponge 91093 Neoesperiopsis digitata 91094 Esperiopsis flagrum 91096 slimy antler sponge 91097 Leucandra sp. 91100 pita sponge 91101 Inflatella sp. 1 (Clark 2006) 91105 Stelletta sp. 91105 stone sponge

91109 Mycalecarmia lobata

CODE NAME

91260 lobed tree sponge

```
91109 cotton ball sponge
91110 Flugel's nippled spong
91110 Polymastia fluegeli
91111 Polymastia robusta
91111 long nippled sponge
91112 Weberella bursa
91112 pale mammilated sponge
91113 Polymastia sp. A (Clark 2006)
91113 prolific nipple sponge
91114 Polymastia sp. C (Clark 2006)
91114 red nipple sponge
91120 Vulcanella sp. 1
91120 fuzzy cratered sponge
91121 Vulcanella sp.
91125 Tentorium semisuberites
91125 two nipple sponge
91127 Craniella villosa
91201 Scypha ciliata
91201 hairy urn sponge
91210 Oscarella lobularis
91210 stalked ball sponge
91211 Stylocordyla borealis
91211 lollypop sponge
91212 Stylocordyla eous
91212 slender stalked sponge
91213 Stylocordyla sp.
91215 Plakina tanaga
91215 white convoluted sponge
91220 Cliona sp. A (Clark 2006)
91220 rough bread crumb sponge
91226 Latrunculia sp. A (Clark 2006)
91226 green papillate sponge
91227 Latrunculia sp. B (Clark 2006)
91227 smooth green sponge
91230 Axinella sp.
91230 firm gray sponge
91237 Alaskan lobed sponge
91237 Stelodoryx alaskensis
91238 Echinoclathria sp. A (Clark 2006)
91238 fuzzy tree sponge
91250 Chondrocladia gigantea
91250 carnivorous cattail sponge
91251 Asbestopluma sp. A (Clark 2006)
91251 fuzzy sponge
91255 Melonchela clathriata
91255 lattice sponge
91257 Isodictya palmata
91257 prickly pear sponge
```

CODE NAME 91700 Hexactinellida 91700 glass sponge unident. 91701 Staurocalyptus sp. 91705 Geodinella robusta 91705 calcareous finger sponge 91710 Aulosaccus schulzei 91710 vase sponge 91721 Bering lace sponge 91721 Farrea beringiana 91725 Regadrella okinoseana 91725 lacy basket sponge 91995 Erect sponge morphotype 91995 Porifera unid. erect 91996 Encrusting sponge morphotype 91996 Porifera unid. encrusting 91997 Ball sponge morphotype 91997 Porifera unid. ball 91998 Porifera unid. tubular 91998 Tubular sponge morphotype 92000 Platyhelminthes 92000 flatworm unident. 92021 Polycladida 92021 polyclad flatworm unident. 92400 Acoelida 92400 acoel turbellarian 92500 Nemertea 92500 nemertean worm unident. 92502 Emplectonema sp. 92505 Emplectonema sp. (Clark 2006) 92505 black specked ribbon worm 92511 Tubulanus polymorphus 92512 Tubulanus sp. A (Clark 2006) 92802 Cerebratulus californienesis 93100 Priapula 93100 priapulid worm unident. 93101 Priapulus sp. 93150 Arrow worm unid. 93150 Chaetognatha unid. 93500 Nematoda 93500 nematode worm unident. 94000 Sipuncula 94000 peanut worm unid. 94011 Phascolosomatidae 94500 Echiura 94500 echiuroid worm unident.

94900 Phoronida 94900 phoronida tube worm unident. 95000 Bryozoa

94501 Bonelliopsis alaskana

CODE NAME 95000 bryozoan unident. 95005 Leieschara sp. cf. subgracilis (Bayer et al.) 95006 Leieschara orientalis 95010 bryozoan sp. A unident. 95011 fluffy sponge 95015 Phidolopora pacifica 95015 lacy bryozoan 95017 Bugula californica 95020 Eucratea loricata 95020 feathery bryozoan 95030 Flustra serrulata 95030 leafy bryozoan 95035 Flustrellidra corniculata 95036 Alcyonidium pedunculatum 95037 Alcyonidium sp. A 95037 medusa bryozoan 95038 Alcyonidium sp. 95040 Myriozoum subgracile 95045 Idmidronea sp. 95050 Porella compressa 95050 flattened bryozoan 95060 Escharopsis sarsi 95070 Rhamphostomella costata 95070 ribbed bryozoan 95071 Hippodiplosia insculpta 95072 Hippodiplosia sp. 95080 Cellepora ventricosa 95080 coral bryozoan 95081 Costazia ventricosa 95081 rusty bryozoan 95085 Cellephorina sp. 95090 Tubiporella sp. 95095 Membranipora sp. 95100 Microporina articulata 95101 Microporina borealis 95103 Heteropora sp. 95105 Dendrobeania sp. 97000 Brachiopoda 97000 lampshell unident. 97010 Hemithyridae 97010 hemithyrid brachiopods 97100 Terebratulina sp. 97110 Terebratalia transversa 97110 common brachiopod 97111 Frieleia halli 97115 Terebratulina unquicula 97115 snakeshead brachiopod 97116 California lamp shell

97116 Laqueus californianus

CODE NAME

98304 Cionidae

```
97117 Laqueus vancouverensis
97117 Vancouver lampshell
97120 Hemithiris psittacea
97120 black brachiopod
98000 Ascidiacea
98000 tunicate unident.
98001 Ascidian n. sp. A
98001 cow-eye tunicate
98002 Ascidian n. sp. B
98002 transparent tunicate
98003 Pyrosoma sp.
98003 green colonial tunicate
98070 Thaliacea
98070 salp unident.
98071 Pyrosoma atlanticum
98072 Thetys vagina
98072 common salp
98073 pineapple tunicate
98080 Styela sp.
98082 Styela rustica
98082 sea potato
98083 Styela sp. A (Clark 2006)
98084 Styela sp. B (Clark 2006)
98085 Dendrodoa aggregata
98100 Boltenia sp.
98101 Boltenia villosa
98105 Boltenia ovifera
98110 Polycitoridae
98110 polycitorid tunicates
98200 Halocynthia sp.
98200 sea peach unident.
98204 Halocynthia igaboja
98205 Halocynthia aurantium
98205 sea peach
98206 Cnemidocarpa finmarkiensis
98206 broad base tunicate
98207 Pyura haustor
98207 wrinkled tunicate
98210 Distaplia sp.
98212 Distaplia occidentalis
98213 Distaplia smithi
98214 Distaplia sp. A (Clark 2006)
98219 Aplidium californicum
98220 Botrylloides sp.
98225 Botryllus schlosseri
98300 compound ascidian unident.
98302 Amaroucium sp.
98303 Amaroucium soldatovi
```

CODE NAME 98304 cionid tunicates 98307 Corella willmeriana 98308 Corellidae 98308 corellid tunicates 98309 Chelyosoma orientale 98310 Aplidium sp. A (Clark 2006) 98310 sea glob 98311 Aplidium new species a 98311 orange aplidium 98320 Synoicum sp. 98320 sea blob 98321 Trididemnum opacum 98322 Ascidia paratropa 98322 glassy tunicate 98323 Ciona savignyi 98324 Halocynthia hispidus 98324 hairy tunicate 98325 Didemnidae unid. 98330 brown leafy compound tunicate 98331 Chelyosoma productum 98340 Polyclinum planum 99900 Molqula sp. 99902 Molgula grifithsii 99902 sea grape 99904 Molgula retortiformis 99904 sea clod 99910 Neon yellow Ascidian 99981 Craniella cranium 99981 baseball sponge 99982 Craniella spinosa 99982 furry ball sponge 99983 Tetilla sp. A (Clark 2006) 99983 spiky ball sponge 99984 Tetilla sp. B (Clark 2006) 99984 knobby ball sponge 99985 Tetilla sigmoanchoratum 99985 spiny ball sponge 99986 Tetilla sp. 99987 Craniella sp. 99987 puffball sponges 99990 invertebrate unident. 99992 invertebrate eggs unident. 99993 empty bivalve shells 99994 empty gastropod shells 99997 unsorted catch and debris 99998 Polychaete tubes

99999 unsorted shab

84 CODE NAME 22237 abyssal snailfish 22271 acantholiparis opercularis 23809 acantholumpenus mackayi 25120 acipenser medirostris 25100 acipenseridae 30035 adelosebastes latens 23622 adlers waryfish 20000 agonidae 20015 agonopsis vulsa 24111 alaska eelpout 10285 alaska plaice 471 alaska skate 474 alaska skate egg case 22235 alaska snailfish 22180 alaskan lumpsucker 20712 alaskan ronguil 21230 albatrossia pectoralis 23657 alepisaurus ferox 20100 alepocephalidae 20110 alepocephalus sp. 20120 alepocephalus tenebrosus 20050 aleutian alligatorfish 30035 aleutian scorpionfish 472 aleutian skate 473 aleutian skate egg case 22217 allocareproctus jordani 22272 allocareproctus kallaion 22270 allocareproctus sp. 22218 allocareproctus tanix 22274 allocareproctus unangas 22273 allocareproctus ungak 22390 allocyttus folletti 23030 allosmerus elongatus 180 alopias vulpinus 21120 alosa sapidissima 21120 american shad 20202 ammodytes hexapterus 21501 amphistichus argenteus 21502 amphistichus rhodoterus 20322 anarhichas orientalis 20320 anarrhichthys ocellatus 23950 anguilliformes 20055 anoplagonus inermis

20420 anoplogaster cornuta 20510 anoplopoma fimbria

23866 anoplarchus insignis 23865 anoplarchus purpurescens

22570 anotopterus nikparini

20577 antherinopsis californiensis

85 CODE NAME 21731 antimora microlepis 21388 antlered sculpin 23944 aphanopus arigato 210 apristurus brunneus 201 apristurus brunneus egg case 212 apristurus kampae 213 apristurus sp. 22175 aptocyclus ventricosus 21359 archistes biseriatus 21349 archistes plumarius 20051 arctic alligatorfish 23250 arctic char 21725 arctic cod 10155 arctic flounder 21335 arctic hookear sculpin 21378 arctic sculpin 23804 arctic shanny 21315 arctic staghorn sculpin 22956 arctozenus risso 20573 argentina sialis 20571 argentine unident. 20571 argentinidae 21824 argyropelecus affinis 21823 argyropelecus lychnus 21821 argyropelecus sladeni 21822 argyropelecus sp. 26053 aristostomias scintillans 20995 armored redmouth whalefish 21316 armorhead sculpin 20915 arrowtail 10110 arrowtooth flounder 21328 artediellus camchaticus 21336 artediellus gomojunovi 21332 artediellus miacanthus 21333 artediellus pacificus 21334 artediellus scaber 21331 artediellus sp. 21335 artediellus uncinatus 21363 artedius lateralis 20050 aspidophoroides bartoni 20105 asquamiceps caeruleus 10112 atheresthes evermanni

- 10110 atheresthes stomias 20575 atherinidae 20576 atherinops affinis 21921 atka mackerel
- 20007 atlantic poacher

10111 atheresthes sp.

20542 aulorhynchus flavidus

```
CODE NAME
30090 aurora rockfish
22704 avocettina infans
22703 avocettina sp.
20121 bajacalifornia burragei
20122 bajacalifornia megalops
21343 banded irish lord
30575 bank rockfish
21847 barbeled dragonfish
22951 barracudina unident.
21484 barred sand bass
21501 barred surfperch
23962 barreleye
20902 basketweave cusk-eel
  242 basking shark
22420 bathophilus flemingi
20035 bathyagonus alascanus
20036 bathyagonus infraspinatus
20038 bathyagonus nigripinnis
20037 bathyagonus pentacanthus
20034 bathyagonus sp.
20871 bathylaco nigricans
20614 bathylagidae
20620 bathylagus milleri
20624 bathylagus ochotensis
20615 bathylagus pacificus
20619 bathylagus sp.
23964 bathylychnops exilis
23963 bathylychnops sp.
20712 bathymaster caeruleofasciatus
20722 bathymaster derjugini
20713 bathymaster leurolepis
20720 bathymaster signatus
20700 bathymasteridae
  410 bathyraja abyssicola
  411 bathyraja abyssicola egg case
  472 bathyraja aleutica
  473 bathyraja aleutica egg case
  435 bathyraja interrupta
  436 bathyraja interrupta egg case
  475 bathyraja lindbergi
  476 bathyraja lindbergi egg case
  480 bathyraja maculata
  481 bathyraja maculata egg case
  483 bathyraja mariposa
  484 bathyraja mariposa egg case
  485 bathyraja minispinosa
  486 bathyraja minispinosa egg case
  471 bathyraja parmifera
  474 bathyraja parmifera egg case
```

```
CODE NAME
  490 bathyraja smirnovi
  405 bathyraja sp.
  477 bathyraja sp. cf. parmifera (orr et al.)
  478 bathyraja sp. cf. parmifera egg case
  402 bathyraja sp. egg case
  406 bathyraja spinosissima
  455 bathyraja taranetzi
  456 bathyraja taranetzi egg case
  460 bathyraja trachura
  461 bathyraja trachura egg case
  495 bathyraja violacea
20803 batrachoididae
24240 bearded eelpout
23843 bearded warbonnet
21376 belligerent sculpin
23603 benthalbella dentata
23602 benthalbella sp.
23942 benthodesmus pacificus
23943 benthodesmus sp.
21815 benttooth bristlemouth
23310 bering cisco
24195 bering eelpout
10140 bering flounder
20061 bering poacher
  435 bering skate
20322 bering wolffish
22901 bertella idiomorpha
24183 bicolor eelpout
  420 big skate
20037 bigeye poacher
21351 bigeye sculpin
22240 bigeye snailfish
24140 bigfin eelpout
22207 bighead snailfish
21420 bigmouth sculpin
21422 bigmouth sculpin eggs
10041 bigmouth sole
22300 bigscale unident.
24233 bigtooth eelpout
30155 black and yellow rockfish
21811 black bristlemouth
24190 black eelpout
  110 black hagfish
22627 black lanternfish
30330 black rockfish
30580 black rockfish unident.
21596 black swallower
21845 blackbelly dragonfish
24200 blackbelly eelpout
```

88 CODE NAME 22595 blackchin 22231 blackfaced red snailfish 20038 blackfin poacher 21340 blackfin sculpin 22228 blackfin snailfish 30340 blackgill rockfish 22704 blackline snipe eel 22216 blacklip snailfish 24160 blackmouth eelpout 21439 blacknose sculpin 20619 blacksmelt unident. 30052 blackspotted rockfish 22220 blacktail snailfish 20020 blacktip poacher 21397 blepsias bilobus 21398 blepsias cirrhosus 21395 blob sculpin 22206 blotched snailfish 22651 blue lanternfish 30360 blue rockfish 351 blue shark 23802 bluebarred prickleback 20722 bluecheek ronquil 20021 bluespotted poacher 20572 bluethroat argentine 30400 bocaccio 21337 bolinia euryptera 20871 bonythroat 21725 boreogadus saida 22450 borostomias panamensis 10003 bothidae 24110 bothrocara brunneum 24109 bothrocara cf. brunneum group 24115 bothrocara hollandi 24120 bothrocara molle 24114 bothrocara nyx 24111 bothrocara pusillum 24220 bothrocara sp. 24112 bothrocara zestum 20842 brama japonica 21332 bride sculpin 21360 brightbelly sculpin 21800 bristlemouth unident.

22203 bristol snailfish 22623 broadfin lanternfish 21337 broadfin sculpin 22249 broadfin snailfish 30025 broadfin thornyhead 22625 brokenline lampfish

CODE NAME 30250 bronzespotted rockfish 20930 brosmophycis marginata 210 brown cat shark 21344 brown irish lord 30080 brown rockfish 340 brown smoothhound 22279 brown snailfish 23961 brownsnout spookfish 23861 bryozoichthys lysimus 23862 bryozoichthys marjorius 23863 bryozoichthys sp. 22280 bubblehead snailfish 21386 buffalo sculpin 21389 bull sculpin 10270 butter sole 23900 butterfish unident. 21348 butterfly sculpin 483 butterfly skate 484 butterfly skate egg case 10290 c-o sole 21330 cabezon 21204 caelorinchus scaphopsis 20105 caerulean slickhead 30180 calico rockfish 22647 california flashlightfish 21201 california grenadier 10050 california halibut 22610 california headlightfish 22656 california lanternfish 27051 california lizardfish 31501 california scorpionfish 425 california skate 20120 california slickhead 20662 california smoothtongue 10400 california tonguefish 24188 canadian eelpout 30410 canary rockfish 23041 capelin 22230 careproctus abbreviatus 22222 careproctus bowersianus 22240 careproctus candidus 22225 careproctus canus 22235 careproctus colletti 22246 careproctus comus 22228 careproctus cypselurus 22224 careproctus ectenes 22275 careproctus faunus 22229 careproctus furcellus

22233 careproctus gilberti

```
CODE NAME
22220 careproctus melanurus
22248 careproctus microstomus
22247 careproctus oregonensis
22251 careproctus ostentum
22237 careproctus ovigerus
22226 careproctus phasma
22236 careproctus rastrinus
22232 careproctus scottae
22223 careproctus simus
22219 careproctus sp.
22256 careproctus sp. b (orr)
22234 careproctus sp. cf. gilberti (orr)
22258 careproctus sp. cf. rastrinus (orr et al.)
22245 careproctus sp. g (orr)
22239 careproctus zachirus
22461 caristius macropus
  151 cartilaginous fish unident.
  201 cat shark egg case
  200 cat shark unident.
20921 cataetyx rubrirostris
20920 cataetyx sp.
22924 caulophryne jordani
22925 caulophryne pelagica
  311 centroscyllium nigrum
  214 cephaloscyllium ventriosum
20980 ceratiidae
20960 ceratioidei
22630 ceratoscopelus townsendi
20990 cetomimidae
  242 cetorhinus maximus
22919 chaenophryne draco
22917 chaenophryne longiceps
22918 chaenophryne melanorhabdus
30570 chameleon rockfish
21000 chauliodontinae
21010 chauliodus macouni
22217 cherry snailfish
20060 chesnonia verrucosa
21596 chiasmodon niger
21594 chiasmodontidae
20901 chilara taylori
30260 chilipepper
30370 china rockfish
23220 chinook salmon
23841 chirolophis decoratus
23851 chirolophis nugator
23843 chirolophis snyderi
23840 chirolophis sp.
23844 chirolophis tarsodes
```

CODE NAME 21366 chitonotus pugetensis 151 chondrichthyes 23524 chub mackerel 23235 chum salmon 10010 citharichthys sordidus 10008 citharichthys sp. 10020 citharichthys stigmaeus 10009 citharichthys xanthostigma 10240 clidoderma asperrimum 21327 clinocottus acuticeps 21110 clupea pallasi 21705 cod unident. 21726 codlings unident. 23225 coho salmon 23562 cololabis saira 22272 combed snailfish 311 combtooth dogfish 22283 comet snailfish 22246 comic snailfish 475 commander skate 476 commander skate egg case 20971 common blackdevil 30120 copper rockfish 24394 coral eelpout 23310 coregonus laurettae 21220 coryphaenoides acrolepis 21232 coryphaenoides cinereus 21238 coryphaenoides filifer 21239 coryphaenoides longifilis 21210 coryphaenoides sp. 21300 cottidae 30300 cowcod 23873 crescent gunnel 21353 crescent-tail sculpin 22310 crested bigscale 21397 crested sculpin 23791 cryptacanthodes aleutensis 23792 cryptacanthodes giganteus 20981 cryptopsaras couesii 22206 crystallichthys cyclospilus 10280 curlfin sole 20900 cusk-eel unident. 22170 cyclopterinae 21815 cyclothone acclinidens 21811 cyclothone atraria 21812 cyclothone pseudopallida 21813 cyclothone signata 21810 cyclothone sp.

21510 cymatogaster aggregata

92 CODE NAME 30151 dark rockfish 30170 darkblotched rockfish 21341 darkfin sculpin 21390 dasycottus setiger 23805 daubed shanny 23841 decorated warbonnet 410 deepsea skate 411 deepsea skate egg case 20614 deepsea smelt unident. 10190 deepsea sole 24158 deepwater eelpout 23933 desmodema lorum 10145 diamond turbot 22609 diaphus sp. 22610 diaphus theta 20910 dicrolene filamentosa 20908 dicrolene sp. 24182 dipline eelpout 22176 docked snailfish 28001 dogface witch-eel 23961 dolichopteryx longipes 23960 dolichopteryx sp. 23252 dolly varden 22234 dominator snailfish 10180 dover sole 20002 dragon poacher 22900 dreamer unident. 22952 duckbill barracudina 30150 dusky and dark rockfishes unid 30152 dusky rockfish 21437 dusky sculpin 23791 dwarf wrymouth 24187 ebony eelpout 22284 ebony snailfish 23952 eel larvae unident. 23950 eel unident. 24100 eelpout unident. 22215 elassodiscus caudatus 22214 elassodiscus sp. 22216 elassodiscus tremebundus 21735 eleginus gracilis 22229 emarginate snailfish 10190 embassichthys bathybius 21506 embiotoca lateralis

21500 embiotocidae 10170 english sole 20610 engraulis mordax

21386 enophrys bison

21388 enophrys diceraus

```
CODE NAME
21387 enophrys lucasi
21384 enophrys sp.
21389 enophrys taurina
10160 eopsetta jordani
  110 eptatretus deani
  109 eptatretus sp.
  120 eptatretus stouti
23010 eulachon
23803 eumesogrammus praecisus
39100 eumetopias jubatus
22182 eumicrotremus andriashevi
22184 eumicrotremus barbatus
22177 eumicrotremus birulai
22179 eumicrotremus derjugini
22180 eumicrotremus gyrinops
22178 eumicrotremus orbis
22190 eumicrotremus phrynoides
22183 eumicrotremus sp.
21423 eurymen gyrinus
29990 eurypharynx pelecanoides
21405 eyeshade sculpin
28001 facciolella gilbertii
22924 fanfin angler
20420 fangtooth
10060 fantail sole
22265 festive snailfish
21238 filamented grenadier
  211 filetail cat shark
24192 fish doctor
    1 fish eggs unident.
    2 fish larvae unident.
    3 fish unident.
21305 flabby sculpin
20990 flabby whalefishes
30480 flag rockfish
22401 flagellostomias boureei
10002 flatfish larvae
10001 flatfish unident.
10130 flathead sole
20071 fourhorn poacher
21377 fourhorn sculpin
23803 fourline snakeblenny
30295 freckled rockfish
21318 fringed sculpin
21373 frog sculpin
21309 frogmouth sculpin
21705 gadidae
21720 gadus macrocephalus
  332 galeorhinus galeus
```

CODE NAME 22603 garnet lampfish 21752 gasterosteus aculeatus 22212 gelatinous seasnail 23402 genyonemus lineatus 21230 giant grenadier 23792 giant wrymouth 24404 qibbonsia metzi 22921 gigantactis microdontis 21150 gigantactis sp. 22920 gigantactis vanhoeffeni 23970 gigantura indica 21383 gilbertidia sigalutes 23590 glowingfish 10200 glyptocephalus zachirus 21770 gobiidae 21770 goby unident. 490 golden skate 22274 goldeneye snailfish 21818 gonostoma sp. 21800 gonostomatidae 30110 gopher rockfish 22281 grand snailfish 30450 grass rockfish 341 gray smoothhound 22225 gray snailfish 20035 gray starsnout 21370 great sculpin 25120 green sturgeon 30611 greenblotched rockfish 10115 greenland turbot 21900 greenling unident. 30130 greenspotted rockfish 30200 greenstriped rockfish 21200 grenadier unident. 21415 grunt sculpin 23871 gunnel unident. 24194 gymnelus hemifasciatus 24193 gymnelus sp. 24192 gymnelus viridis 21329 gymnocanthus detrisus 21316 gymnocanthus galeatus 21314 gymnocanthus pistilliger 21313 gymnocanthus sp. 21315 gymnocanthus tricuspis 22257 gyrinichthys minytremus 100 hagfish unident. 21379 hairhead sculpin 22914 hairy-lure dreamer

21727 halargyreus johnsonii

```
CODE NAME
30500 halfbanded rockfish
22121 halfmoon
21334 hamecon
22264 hardhead snailfish
30535 harlequin rockfish
21820 hatchetfish unident.
21343 hemilepidotus gilberti
21346 hemilepidotus hemilepidotus
21347 hemilepidotus jordani
21348 hemilepidotus papilio
21342 hemilepidotus sp.
21344 hemilepidotus spinosus
21345 hemilepidotus zapus
21420 hemitripterus bolini
21422 hemitripterus bolini eggs
21421 hemitripterus villosus
21900 hexagrammidae
21935 hexagrammos decagrammus
21934 hexagrammos lagocephalus
21931 hexagrammos octogrammus
21930 hexagrammos sp.
21932 hexagrammos stelleri
  222 hexanchus griseus
23865 high cockscomb
22420 highfin dragonfish
22320 highsnout bigscale
10041 hippoglossina stomata
10130 hippoglossoides elassodon
10140 hippoglossoides robustus
10129 hippoglossoides sp.
10120 hippoglossus stenolepis
23712 holtbyrnia innesi
23711 holtbyrnia sp.
30045 honeycomb rockfish
21333 hookhorn sculpin
10281 hornyhead turbot
28533 howella brodiei
28532 howella sherborni
22215 humpback snailfish
21732 hundred fathom codling
10122 hybrid sole
10221 hybrid starry flounder x alaska plaice
  710 hydrolagus colliei
  711 hydrolagus colliei egg case
22640 hygophum reinhardtii
21515 hyperprosopon anale
21503 hyperprosopon argenteum
23071 hypomesus olidus
23020 hypomesus pretiosus
```

96 CODE NAME 20071 hypsagonus quadricornis 10145 hypsopsetta guttulata 21311 icelinus borealis 21437 icelinus burchami 21310 icelinus filamentosus 21318 icelinus fimbriatus 21309 icelinus oculatus 21307 icelinus sp. 21312 icelinus tenuis 21439 icelus canaliculatus 21440 icelus euryops 21446 icelus sp. 21441 icelus spatula 21438 icelus spiniger 21443 icelus uncinalis 23915 icichthys lockingtoni 22010 icosteus aenigmaticus 22110 idiacanthus antrostomus 22111 idiacanthus sp. 21342 irish lord 10270 isopsetta isolepis 20952 jack mackerel 20577 jacksmelt 24115 japan-sea eelpout 23964 javelin spookfish 21445 jordania zonope 21595 kali indica 21597 kali normani 24152 kamchatka eelpout 10112 kamchatka flounder 21328 kamchatka hookear sculpin 21935 kelp greenling 30070 kelp rockfish 22238 kelp snailfish 23932 king-of-the-salmon 21733 laemonema longipes 232 lamna ditropis 22625 lampanyctus jordani 22620 lampanyctus sp. 21 lampetra tridentata 10 lamprey unident. 27020 lampris guttatus 20905 lamprogrammus niger 22600 lanternfish unident.

22222 large disk all red snailfish 22179 leatherfin lumpsucker

10003 lefteye flounder unident.

23712 lanternjaw tubeshoulder

21387 leister sculpin

CODE NAME 355 leopard shark 477 leopard skate 478 leopard skate egg case 10262 lepidopsetta bilineata 10261 lepidopsetta polyxystra 10260 lepidopsetta sp. 23945 lepidopus fitchi 20007 leptagonus decagonus 20006 leptagonus frenatus 20005 leptagonus leptorhynchus 20004 leptagonus sp. 23952 leptocephalus 21380 leptocottus armatus 22955 lestidiops ringens 22176 lethotremus muticus 22173 lethotremus sp. 20622 leuroglossus schmidti 20660 leuroglossus sp. 20662 leuroglossus stilbius 10210 limanda aspera 10211 limanda proboscidea 10212 limanda sakhalinensis 21910 lingcod 22750 linophrynidae 10155 liopsetta glacialis 22200 liparidae 22203 liparis bristolense 22209 liparis callyodon 22211 liparis cyclopus 22204 liparis dennyi 22212 liparis fabricii 22202 liparis fucensis 22205 liparis gibbus 22265 liparis marmoratus 22207 liparis megacephalus 22210 liparis ochotensis 22208 liparis pulchellus 22213 liparis rutteri 22201 liparis sp. 22238 liparis tunicatus 22253 lipariscus nanus 27050 lizardfish unident. 22223 long snouted pink snailfish 24196 longear eelpout 21733 longfin codling 22410 longfin dragonfish 21239 longfin grenadier 21345 longfin irish lord

10009 longfin sanddab

CODE NAME 21445 longfin sculpin 23061 longfin smelt 10211 longhead dab 212 longnose cat shark 23657 longnose lancetfish 20005 longnose poacher 440 longnose skate 441 longnose skate egg case 22261 longnose snailfish 23836 longsnout prickleback 21936 longspine combfish 21825 longspine hatchetfish 30030 longspine thornyhead 26050 loosejaw unident. 24165 looseskin eelpout 22264 lopholiparis flerxi 23836 lumpenella longirostris 23807 lumpenus fabricii 23805 lumpenus maculatus 23806 lumpenus medius 23808 lumpenus sagitta 23801 lumpenus sp. 22170 lumpsucker unident. 31550 lumptail searobin 24152 lycenchelys camchatica 24130 lycenchelys crotalinus 24151 lycenchelys jordani 24153 lycenchelys ratmanovi 24150 lycenchelys sp. 24165 lycodapus dermatinus 24158 lycodapus endemoscotus 24160 lycodapus fierasfer 24233 lycodapus grossidens 24234 lycodapus leptus 24170 lycodapus mandibularis 24167 lycodapus pachysoma 24232 lycodapus parviceps 24231 lycodapus poecilus 24166 lycodapus psarostomatus 24230 lycodapus sp. 24240 lycodema barbatum 24183 lycodes akuugun 24195 lycodes beringi 24191 lycodes brevipes 24187 lycodes concolor 24140 lycodes cortezianus 24190 lycodes diapterus 24186 lycodes mucosus 24200 lycodes pacificus

CODE NAME 24185 lycodes palearis 24188 lycodes polaris 24184 lycodes raridens 24181 lycodes rossi 24196 lycodes seminudus 24182 lycodes soldatovi 24180 lycodes sp. 24189 lycodes turneri 10150 lyopsetta exilis 23500 mackerel unident. 23962 macropinna microstoma 21200 macrouridae 22952 magnisudis atlantica 21240 malacocephalus laevis 21338 malacocottus aleuticus 21340 malacocottus kincaidi 21339 malacocottus sp. 21341 malacocottus zonurus 26050 malacosteinae 23041 mallotus villosus 22461 manefish 24184 marbled eelpout 22204 marbled snailfish 21931 masked greenling 20181 maulisia argipalla 20180 maulisia mauli 20179 maulisia sp. 22121 medialuna californiensis 23915 medusafish 21376 megalocottus platycephalus 22320 melamphaes lugubris 22300 melamphaidae 20971 melanocetus johnsonii 20915 melanonus zugmayeri 24393 melanostigma pammelas 22400 melanostomiinae 23709 mentodus eubranchus 22500 merluccius productus 30315 mexican rockfish 21360 microcottus sellaris 22251 microdisk snailfish 21710 microgadus proximus 10180 microstomus pacificus 24393 midwater eelpout 23720 mirorictus taningi 22275 mischievous snailfish 22582 mola mola 22226 monster snailfish

21726 moridae

```
CODE NAME
23851 mosshead warbonnet
  455 mud skate
  456 mud skate egg case
 341 mustelus californicus
  340 mustelus henlei
  339 mustelus sp.
22600 myctophidae
21371 myoxocephalus jaok
21369 myoxocephalus niger
21370 myoxocephalus polyacanthocephalus
21377 myoxocephalus quadricornis
21378 myoxocephalus scorpioides
21375 myoxocephalus sp.
21373 myoxocephalus stelleri
21368 myoxocephalus verrucosus
  100 myxinidae
24395 nalbantichthys elongatus
22627 nannobrachium nigrum
22624 nannobrachium regale
22623 nannobrachium ritteri
22626 nannobrachium sp.
20572 nansenia candida
21406 nautichthys oculofasciatus
21405 nautichthys pribilovius
21407 nautichthys robustus
22255 nectoliparis pelagicus
21597 needletooth swallower
22701 nemichthyidae
22705 nemichthys larseni
22702 nemichthys scolopaceus
26060 neonesthes capensis
23590 neoscopelus macrolepidotus
21202 nezumia liolepis
21201 nezumia stelgidolepis
23060 night smelt
21753 ninespine stickleback
22570 north pacific daggertooth
28700 north pacific pelagic armorhead
20610 northern anchovy
22649 northern flashlightfish
22602 northern lampfish
23603 northern pearleye
10261 northern rock sole
30420 northern rockfish
20702 northern ronquil
21311 northern sculpin
20622 northern smoothtongue
20015 northern spearnose poacher
22800 notacanthidae
```

CODE NAME 22815 notacanthus chemnitzii 22642 notoscopelus resplendens 23861 nutcracker prickleback 20061 occella dodecaedron 22582 ocean sunfish 20018 odontopyxis trispinosa 495 okhotsk skate 22210 okhotsk snailfish 30510 olive rockfish 23230 oncorhynchus gorbuscha 23235 oncorhynchus keta 23225 oncorhynchus kisutch 23260 oncorhynchus mykiss 23240 oncorhynchus nerka 23202 oncorhynchus sp. 23220 oncorhynchus tshawytscha 22913 oneirodes acanthias 22914 oneirodes bulbosus 22912 oneirodes sp. 22915 oneirodes thompsoni 22900 oneirodidae 27020 opah 20900 ophidiidae 20902 ophidion scrippsae 21910 ophiodon elongatus 23958 opisthoproctidae 21849 opostomias mitsuii 22247 oregon snailfish 23000 osmeridae 23055 osmerus mordax 22390 oxeye oreo 21915 oxylebius pictus 24221 pachycara lepinium 21848 pachystomias microdon 252 pacific angel shark 20573 pacific argentine 23944 pacific black scabbardfish 22110 pacific blackdragon 20615 pacific blacksmelt 21720 pacific cod 610 pacific electric ray 21731 pacific flatnose 21220 pacific grenadier 120 pacific hagfish 22500 pacific hake 10120 pacific halibut 21110 pacific herring 21 pacific lamprey

30060 pacific ocean perch

```
CODE NAME
20842 pacific pomfret
23911 pacific pompano
20202 pacific sand lance
10010 pacific sanddab
21592 pacific sandfish
21130 pacific sardine
23562 pacific saury
  320 pacific sleeper shark
22178 pacific spiny lumpsucker
21380 pacific staghorn sculpin
21710 pacific tomcod
21010 pacific viperfish
22239 paintbrush snailfish
21915 painted greenling
22705 pale snipe eel
20001 pallasina barbata
24170 pallid eelpout
20905 paperbone cusk-eel
22184 papillose lumpsucker
21484 paralabrax nebulifer
22951 paralepididae
10050 paralichthys californicus
22279 paraliparis adustus
22280 paraliparis bullacephalus
22244 paraliparis cephalus
22241 paraliparis dactylosus
22243 paraliparis deani
22254 paraliparis dipterus
22281 paraliparis grandis
22284 paraliparis holomelas
22252 paraliparis paucidens
22249 paraliparis pectoralis
22242 paraliparis rosaceus
22250 paraliparis sp.
22276 paraliparis sp. cf. dactylosus (orr and baldwin)
22283 paraliparis sp. cf. dipterus (orr and baldwin)
22278 paraliparis sp. cf. grandis (orr and baldwin)
22282 paraliparis sp. cf. pectoralis (orr and baldwin)
22277 paraliparis sp. cf. ulochir (orr and baldwin)
22231 paraliparis ulochir
21447 paricelinus hopliticus
  211 parmaturus xaniurus
10170 parophrys vetulus
10122 parophrys vetulus x platichthys stellatus hybrid
22642 patchwork lampfish
22218 peach snailfish
22232 peachskin snailfish
23862 pearly prickleback
23911 peprilus simillimus
```

```
CODE NAME
20002 percis japonicus
10160 petrale sole
   10 petromyzontidae
23871 pholidae
23873 pholis laeta
23872 pholis sp.
26051 photonectes margarita
21732 physiculus rastrelliger
23809 pighead prickleback
21521 pile perch
22182 pimpled lumpsucker
30230 pink rockfish
23230 pink salmon
21522 pink seaperch
30620 pinkrose rockfish
22624 pinpoint lampfish
21760 pipefish unident.
21849 pitgum lanternfish
20181 pitted tubeshoulder
21371 plain sculpin
20801 plainfin midshipman
10220 platichthys stellatus
10221 platichthys stellatus x pleuronectes quadrituberculatus
23700 platytroctidae
23802 plectobranchus evides
21921 pleurogrammus monopterygius
10285 pleuronectes quadrituberculatus
10100 pleuronectidae
10001 pleuronectiformes
10002 pleuronectiformes larvae
10290 pleuronichthys coenosus
10280 pleuronichthys decurrens
10295 pleuronichthys ritteri
10291 pleuronichthys sp.
10281 pleuronichthys verticalis
21349 plumed sculpin
20000 poacher unident.
20040 podothecus accipenserinus
20039 podothecus sp.
20041 podothecus veternus
24189 polar eelpout
22810 polyacanthonotus challengeri
23071 pond smelt
20624 popeye blacksmelt
21232 popeye grenadier
20801 porichthys notatus
20802 porichthys sp.
23850 poroclinus rothrocki
22311 poromitra cristiceps
```

```
CODE NAME
22310 poromitra curilensis (=crassiceps)
23800 prickleback unident.
20075 pricklebreast poacher
22243 prickly snailfish
  351 prionace glauca
31550 prionotus stephanophrys
22263 prognatholiparis ptychomandibularis
22647 protomyctophum crockeri
22648 protomyctophum sp.
22649 protomyctophum thompsoni
24001 prowfish
10250 psettichthys melanostictus
28700 pseudopentaceros wheeleri
21598 pseudoscopelus sp.
21394 psychrolutes paradoxus
21395 psychrolutes phrictus
21393 psychrolutes sp.
30210 puget sound rockfish
21436 puget sound sculpin
21753 pungitius pungitius
21329 purplegray sculpin
24394 puzanovia rubra
20018 pygmy poacher
30550 pygmy rockfish
22253 pygmy snailfish
30320 quillback rockfish
21320 radulinus asprellus
22010 ragfish
23055 rainbow smelt
  445 raja badia
  446 raja badia egg case
  420 raja binoculata
  421 raja binoculata egg case
  425 raja inornata
  440 raja rhina
  441 raja rhina egg case
  404 raja sp.
  403 raja sp. egg case
  450 raja stellulata
  400 rajidae
21444 rastrinus scutiger
20731 rathbunella hypoplecta
20930 red brotula
21346 red irish lord
30590 red rockfish unident.
22241 red snailfish
30475 redbanded rockfish
30430 redstripe rockfish
21502 redtail surfperch
```

```
CODE NAME
10115 reinhardtius hippoglossoides
10200 rex sole
10201 rex sole larvae
21521 rhacochilus vacca
21850 rhadinesthes decimus
21415 rhamphocottus richardsoni
22262 rhinoliparis attenuatus
22261 rhinoliparis barbulifer
22260 rhinoliparis sp.
21355 ribbed sculpin
22956 ribbon barracudina
22211 ribbon snailfish
10100 righteye flounder unident.
22213 ringtail snailfish
20620 robust blacksmelt
21934 rock greenling
10260 rock sole unident.
30040 rockfish unident.
20995 rondeletia loricata
20700 ronquil unident.
20702 ronquilus jordani
30270 rosethorn rockfish
30460 rosy rockfish
22242 rosy snailfish
21366 roughback sculpin
30050 rougheye and blackspotted rockfish unid.
30051 rougheye rockfish
10240 roughscale sole
  445 roughshoulder skate
21444 roughskin sculpin
21356 roughspine sculpin
  460 roughtail skate
20130 rouleina attrita
22177 round lumpsucker
29999 roundfish unident.
20921 rubynose brotula
21436 ruscarius meanyi
22282 rusty snailfish
20510 sablefish
29997 saccopharynx lavenbergi
29996 saccopharynx sp.
24186 saddled eelpout
21735 saffron cod
23710 sagamichthys abei
21406 sailfin sculpin
10212 sakhalin sole
23201 salmon and trouts unident.
  232 salmon shark
22236 salmon snailfish
```

```
CODE NAME
23202 salmon unident.
23201 salmonidae
23250 salvelinus alpinus
23252 salvelinus malma
10250 sand sole
10008 sanddab unident.
21130 sardinops sagax
20006 sawback poacher
22721 sawtooth eel
23945 scabbardfish
21359 scaled sculpin
22400 scaleless dragonfish unident.
23620 scaly paperbone
21429 scalybreasted sculpin
24221 scalynape eelpout
21352 scissortail sculpin
23524 scomber japonicus
23500 scombridae
22595 scopelengys tristis
23622 scopelosaurus adleri
23620 scopelosaurus harryi
23621 scopelosaurus sp.
31501 scorpaena guttata
21330 scorpaenichthys marmoratus
30000 scorpaenidae
30000 scorpionfish and rockfish unident.
21300 sculpin unident.
  200 scyliorhinidae
21421 sea raven
20980 seadevils unident.
20720 searcher
30630 sebastes (=sebastomus) sp.
30051 sebastes aleutianus
30060 sebastes alutus
30070 sebastes atrovirens
30080 sebastes auriculatus
30090 sebastes aurora
30475 sebastes babcocki
30576 sebastes borealis
30100 sebastes brevispinis
30110 sebastes carnatus
30120 sebastes caurinus
30130 sebastes chlorostictus
30155 sebastes chrysomelas
30151 sebastes ciliatus
30160 sebastes constellatus
30170 sebastes crameri
30180 sebastes dalli
30190 sebastes diploproa
```

```
CODE NAME
30200 sebastes elongatus
30210 sebastes emphaeus
30220 sebastes entomelas
30230 sebastes eos
30240 sebastes flavidus
30250 sebastes gilli
30260 sebastes goodei
30270 sebastes helvomaculatus
30280 sebastes hopkinsi
30290 sebastes jordani
30295 sebastes lentiginosus
30300 sebastes levis
30315 sebastes macdonaldi
30320 sebastes maliger
30330 sebastes melanops
30052 sebastes melanostictus
30340 sebastes melanostomus
30350 sebastes miniatus
30360 sebastes mystinus
30370 sebastes nebulosus
30380 sebastes nigrocinctus
30390 sebastes ovalis
30400 sebastes paucispinis
30570 sebastes phillipsi
30410 sebastes pinniger
30420 sebastes polyspinis
30430 sebastes proriger
30450 sebastes rastrelliger
30600 sebastes reedi
30460 sebastes rosaceus
30611 sebastes rosenblatti
30470 sebastes ruberrimus
30480 sebastes rubrivinctus
30575 sebastes rufus
30490 sebastes saxicola
30500 sebastes semicinctus
30510 sebastes serranoides
30525 sebastes serriceps
30620 sebastes simulator
30040 sebastes sp.
30045 sebastes umbrosus
30152 sebastes variabilis
30535 sebastes variegatus
30540 sebastes vexillaris
30550 sebastes wilsoni
30560 sebastes zacentrus
30020 sebastolobus alascanus
30030 sebastolobus altivelis
30025 sebastolobus macrochir
```

CODE NAME 30010 sebastolobus sp. 160 selachimorpha egg case 22721 serrivomer sector 24114 shadow eelpout 160 shark egg case unident. 150 shark unident. 30560 sharpchin rockfish 20121 sharpchin slickhead 21327 sharpnose sculpin 21510 shiner perch 26053 shining loosejaw 23710 shining tubeshoulder 22230 short snailfish 30290 shortbelly rockfish 24191 shortfin eelpout 24151 shortjaw eelpout 21407 shortmast sculpin 21595 shortnose swallower 30576 shortraker rockfish 21937 shortspine combfish 30020 shortspine thornyhead 21204 shoulderspot grenadier 22224 shovelhead snailfish 21813 showy bristlemouth 22208 showy snailfish 21805 sigmops gracilis 30100 silvergray rockfish 20575 silverside unident. 21398 silverspotted sculpin 21821 silvery hatchetfish 222 sixqill shark 401 skate egg case unident. 400 skate unident. 22955 slender barracudina 21812 slender bristlemouth 23866 slender cockscomb 21727 slender codling 23807 slender eelblenny 24234 slender eelpout 21805 slender fangjaw 21824 slender hatchetfish 22640 slender lanternfish 21850 slender snaggletooth 22702 slender snipe eel

20100 slickhead unident. 21320 slim sculpin 22262 slim snailfish

10150 slender sole

22202 slipskin snailfish

CODE NAME 22233 smalldisk snailfish 24232 smallhead eelpout 20713 smallmouth ronquil 22248 smallmouth snailfish 22257 smallpore snailfish 23000 smelt unident. 20055 smooth alligatorfish 22919 smooth dreamer 21202 smooth grenadier 22175 smooth lumpsucker 20731 smooth ronquil 21423 smoothcheek sculpin 20022 smootheye poacher 21363 smoothhead sculpin 22200 snailfish unident. 23808 snake prickleback 24130 snakehead eelpout 22701 snipe eel unident. 22815 snubnosed spiny eel 23240 sockeye salmon 24120 soft eelpout 21383 soft sculpin 21240 softhead grenadier 20130 softskin slickhead 320 somniosus pacificus 332 soupfin shark 10262 southern rock sole 21441 spatulate sculpin 30390 speckled rockfish 10020 speckled sanddab 21354 spectacled sculpin 310 spiny dogfish 22913 spiny dreamer 22800 spiny eel unident. 22183 spiny lumpsuckers 22271 spiny snailfish 20036 spinycheek starsnout 21390 spinyhead sculpin 21336 spinyhook sculpin 23060 spirinchus starksi 23061 spirinchus thaleichthys 22254 splitfin snailfish 30190 splitnose rockfish 21308 sponge sculpin 23958 spookfish unident. 21312 spotfin sculpin 21515 spotfin surfperch 20901 spotted cusk-eel

710 spotted ratfish

```
CODE NAME
22209 spotted snailfish
10295 spotted turbot
  310 squalus acanthias
30280 squarespot rockfish
  252 squatina californica
10220 starry flounder
30160 starry rockfish
  450 starry skate
20034 starsnout poacher unident.
23260 steelhead
39100 steller sea lion
20075 stellerina xyosterna
22602 stenobrachius leucopsarus
22603 stenobrachius nannochir
22601 stenobrachius sp.
21820 sternoptychidae
21825 sternoptyx diaphana
21827 sternoptyx sp.
23800 stichaeidae
23804 stichaeus punctatus
21845 stomias atriventer
21847 stomiidae
21846 stomiiformes
23806 stout eelblenny
24167 stout eelpout
24404 striped kelpfish
21506 striped surfperch
23720 striped tubeshoulder
30490 stripetail rockfish
23900 stromateidae
20040 sturgeon poacher
25100 sturgeon unident.
27028 stylephorus chordatus
23020 surf smelt
21500 surfperch unident.
21594 swallowers
  214 swell shark
22244 swellhead snailfish
22656 symbolophorus californiensis
10400 symphurus atricauda
21760 syngnathidae
27050 synodontidae
27051 synodus lucioceps
22410 tactostoma macropus
21394 tadpole sculpin
22255 tadpole snailfish
20150 talismania bifurcata
22651 tarletonbeania crenularis
```

22650 tarletonbeania sp.

```
CODE NAME
23010 thaleichthys pacificus
21740 theragra chalcogramma
21744 theragra chalcogramma larva
21447 thornback sculpin
21438 thorny sculpin
30010 thornyhead unident.
21314 threaded sculpin
20910 threadfin cusk-eel
21310 threadfin sculpin
20150 threadfin slickhead
21752 threespine stickleback
  180 thresher shark
21308 thyriscus anoplus
30380 tiger rockfish
22190 toad lumpsucker
20803 toadfishes
22245 tomato snailfish
22252 toothless snailfish
20576 topsmelt
  610 torpedo californica
23932 trachipterus altivelis
20952 trachurus symmetricus
30525 tree rockfish
  355 triakis semifasciata
23940 trichiuridae
21379 trichocottus brashnikovi
21592 trichodon trichodon
21352 triglops forficata
21356 triglops macellus
21353 triglops metopias
21351 triglops nybelini
21355 triglops pingeli
21354 triglops scepticus
21350 triglops sp.
21429 triglops xenostethus
20981 triplewart seadevil
21823 tropical hatchetfish
27028 tube-eye
20542 tube-snout
20001 tubenose poacher
23700 tubeshoulder unident.
24110 twoline eelpout
20051 ulcina olrikii
29990 umbrellamouth gulper
21443 uncinate sculpin
22205 variegated snailfish
24231 variform eelpout
28002 venefica sp.
```

30350 vermilion rockfish

CODE NAME 20041 veteran poacher 21000 viperfish unident. 21740 walleye pollock 21744 walleye pollock larva 21503 walleye surfperch 21369 warthead sculpin 20060 warty poacher 21368 warty sculpin 24185 wattled eelpout 24112 western eelpout 22920 whipnose 28002 whipsnout eels 22273 whiskered snailfish 23402 white croaker 406 white skate 23030 whitebait smelt 23850 whitebarred prickleback 30540 whitebelly rockfish 480 whiteblotched skate 481 whiteblotched skate egg case 485 whitebrow skate 486 whitebrow skate egg case 21932 whitespotted greenling 21338 whitetail sculpin 21440 wide-eye sculpin 30220 widow rockfish 20320 wolf-eel 22263 wrinkle-jaw snailfish 20020 xeneretmus latifrons 20022 xeneretmus leiops 20023 xeneretmus sp. 20021 xeneretmus triacanthus 10060 xystreurys liolepis 21347 yellow irish lord 30470 yelloweye rockfish 10210 yellowfin sole 30600 yellowmouth rockfish 30240 yellowtail rockfish 21522 zalembius rosaceus 21937 zaniolepis frenata 21936 zaniolepis latipinnis 24001 zaprora silenus

21305 zesticelus profundorum

24100 zoarcidae

```
CODE NAME
75601 abalone jingle
40035 abietinaria greenei
40034 abietinaria sp.
40036 abietinaria sp. a (clark 2006)
79352 abraliopsis felis
79351 abraliopsis sp.
66510 abyssal crangon
91048 acanthascus sp.
66865 acanthephyra curtirostris
66860 acanthephyra sp.
71017 acanthodoris brunnea
71014 acanthodoris nanaimoensis
71019 acanthodoris sp.
44100 acanthogorgia sp.
69285 acantholithodes hispidus
69284 acantholithodes sp.
74001 acharax johnsoni
74342 acila castrensis
72071 acirsa sp. a (mclean & clark)
71400 acmaea sp.
92400 acoel turbellarian
92400 acoelida
71040 acteocina sp.
43001 actinauge verrilli
43005 actinernus sp.
43000 actiniaria
43080 actinid sea anemones unident.
43080 actiniidae unid.
43111 actinistola sp. a (clark 2006)
43112 actinistola sp. b (clark 2006)
43003 actinoscyphia sp.
43113 actinostola groenlandica
43110 actinostola sp.
43100 actinostolidae
71271 adalaria proxima
73188 admete couthouyi
73185 admete laevior
73187 admete middendorffi
73186 admete regina
73183 admete virdula
40506 aequorea sp.
72063 aforia circinata
72060 aforia goodei
72062 aforia kinkaidi
72059 aforia sp.
40028 aglaophenia sp.
74481 akutan limops
66303 alaska coastal shrimp
44023 alaska cup coral
```

```
CODE NAME
75600 alaska falsejingle
74175 alaska glass-scallop
75205 alaska great-tellin
75267 alaska razor
72790 alaska volute
41591 alaskagorgia aleutiana
82757 alaskan crinoid
69090 alaskan hermit
91237 alaskan lobed sponge
66031 alaskan pink (=northern) shrimp
80637 alaskan spiny star
72402 alaskan trophon
69557 albuneidae
41100 alcyonacea
95036 alcyonidium pedunculatum
95038 alcyonidium sp.
95037 alcyonidium sp. a
41102 alcyonium sp.
41104 alcyonium sp. a (clark 2006)
41105 alcyonium sp. b (clark 2006)
72753 aleut whelk
81909 aleutian fragile sea star
69060 aleutian hermit
71535 aleutian moonsnail
80112 aleutian sea star
71702 aleutian sulcated whelk
72071 aleutian wentletrap
80601 aleutiaster sp.
82530 allocentrotus fragilis
82535 allocentrotus sp.
98303 amaroucium soldatovi
98302 amaroucium sp.
71520 amauropsis purpurea
70115 amicula vestita
50050 ampharetidae unid.
80182 ampheraster marianus
80180 ampheraster sp.
44094 amphilaphis sp.
44095 amphilaphis sp. 1
44096 amphilaphis sp. 2
44097 amphilaphis sp. 3
44104 amphilaphis sp. 4 (clark 2006)
83700 amphiodia rossica
83701 amphiodia sp.
83336 amphiophiura nodosa
83339 amphiophiura sp.
83337 amphiophiura sp. a (clark 2006)
83338 amphiophiura superba
60100 amphipod unident.
```

```
CODE NAME
_____
60100 amphipoda
71546 amphissa colmbiana
71547 amphissa reticulata
72731 amphissa sp.
71548 amphissa versicolor
83660 amphiuridae
74323 ample roughmya
71332 anatoma baxteri
71333 anatoma crispata
72768 ancistrolepis bicinctus
72769 ancistrolepis eucosmius
71960 ancistrolepis sp.
72743 angular whelk
71235 anisodoris lentiginosa
71230 anisodoris nobilis
75609 anomia sp.
75610 anomiidae
69000 anomura
60140 anonyx sp.
82101 anteliaster nannodes
82100 anteliaster sp.
41300 anthomastus sp.
41331 anthomastus sp. a
41332 anthomastus sp. b
41333 anthomastus sp. cf. japonicus (bayer et al.)
42020 anthoptilum grandiflorum
42021 anthoptilum murrayi
44105 anthothela grandiflora
41000 anthozoa
41525 antipatheria
72020 antiplanes perversa
72022 antiplanes piona
72019 antiplanes sp.
72024 antiplanes sp. a (clark & mclean)
72021 antiplanes thalea
72023 antiplanes vinosus
62050 anuropus bathypelagica
91030 aphrocallistes vastus
50190 aphrodita japonica
50192 aphrodita negligens
50161 aphrodita sp.
50160 aphroditidae
70049 aplacophora unid.
98219 aplidium californicum
98311 aplidium new species a
98310 aplidium sp. a (clark 2006)
85205 apostichopus japonicus
71055 archidoris montereyensis
71259 archidoris nudibranch
```

```
CODE NAME
71260 archidoris odhneri
71259 archidoris sp.
66580 arctic argid
80731 arctic bat sea star
66174 arctic eualid
74311 arctic hiatella
71526 arctic moonsnail
74322 arctic roughmya
75111 arctic surfclam
72791 arctomelon borealis
72789 arctomelon sp.
72794 arctomelon sp. cf. stearnsii (clark & mclean)
72790 arctomelon stearnsii
72792 arctomelon tamikoae
50301 arctonoe vittata
62001 arcturidae unid.
62003 arcturus longispinis
62005 arcturus sp.
62004 arcturus sp. 1 (clark 2006)
62002 arcturus sp. 2 (clark 2006)
66575 argis alaskensis
66612 argis crassa
66580 argis dentata
66611 argis lar
66613 argis levior
66614 argis ovifer
66570 argis sp.
66617 argis sp. cf. crassa (cas)
66616 argis sp. cf. ovifer (cas)
69041 armed hermit
71080 armina californica
60106 armored amphipod
93150 arrow worm unid.
44115 arthrogorgia kinoshitai
44114 arthrogorgia otsukai
44098 arthrogorgia sp.
44099 arthrogorgia utinomi
44085 articulated bamboo coral
91251 asbestopluma sp. a (clark 2006)
98322 ascidia paratropa
98000 ascidiacea
98001 ascidian n. sp. a
98002 ascidian n. sp. b
74646 astarte arctica
74641 astarte borealis
74645 astarte compacta
74639 astarte crenata
74643 astarte elliptica
74648 astarte esquimalti
```

```
CODE NAME
74647 astarte montagui
74642 astarte polaris
74640 astarte sp.
81742 asterias amurensis
81741 asterias sp.
80159 asteriidae
80915 asterina miniata
80000 asteroidea
83055 asteronychidae
83075 asteronyx longifissa
83070 asteronyx loveni
83060 asteronyx sp.
71504 asterophila japonica
81135 asthenactis fisheri
83080 astrochele laevis
83090 astrochele sp.
83081 astrochele sp. a (clark 2006)
83065 astrochema sublavae
80165 astrometis sp.
81930 astronebris tatafilius
81743 astropecten californicus
80811 astropectinidae
83501 astrophiura sp.
83025 astrophyton pardalis
71552 astyris elegens
71551 astyris gausapata
40510 atolla sp.
71739 attenuate melon whelk
91710 aulosaccus schulzei
40513 aurelia aurita
40512 aurelia labiata
40511 aurelia sp.
74325 awning clam
91230 axinella sp.
65202 balanus balanus
65207 balanus crenatus
65203 balanus evermanni
65204 balanus hesperius
65206 balanus nubilus
65205 balanus rostratus
65201 balanus sp.
91069 ball sponge
91997 ball sponge morphotype
42006 balticina sp.
44084 bamboo coral unid.
75382 bankia setacea
66171 barbed eualid
65100 barnacle unident.
71011 barnacle-eating onchidoris
```

```
CODE NAME
91050 barrel sponge
99981 baseball sponge
71913 basket whelk
83020 basketstar
80915 bat star
72520 bathybembix bairdii
72762 bathybuccinum clarki
72764 bathybuccinum ovulum
72763 bathybuccinum sp.
41541 bathypathes patula
41540 bathypathes sp.
43045 bathyphelia australis
85180 bathyplotes sp.
71778 baxter's beringius
65205 beaked barnacle
66172 beaked eualid
72797 beatic dwarf olive
81068 beautiful sun star
75241 bent-nose macoma
66841 bentheogennema borealis
78012 benthoctopus leioderma
78455 benthoctopus oregonensis
78013 benthoctopus sibiricus
78452 benthoctopus sp.
81890 benthopectinidae
80597 bering henricia
69087 bering hermit
91721 bering lace sponge
80635 bering spiny star
72401 bering trophon
71773 beringius aleuticus
71772 beringius beringii
71775 beringius crebricostatus
71780 beringius eyerdami
71771 beringius frielei
71781 beringius incisus
71770 beringius kennicottii
71787 beringius rotundus
71769 beringius sp.
71778 beringius sp. a (mclean & clark)
71779 beringius sp. b (mclean & clark)
71782 beringius sp. c(mclean & clark)
71783 beringius sp. d (mclean & clark)
71784 beringius sp. e (mclean & clark)
71777 beringius sp. eggs
71785 beringius sp. f (mclean & clark)
71786 beringius sp. g (mclean & clark)
71788 beringius sp. h (mclean & clark)
71789 beringius sp. i (mclean & clark)
```

```
CODE NAME
71792 beringius sp. j (mclean & clark)
71793 beringius sp. k (mclean & clark)
71774 beringius stimpsoni
71776 beringius undatus
45010 beroe abyssicola
45005 beroe sp.
79202 berry armhook squid
79211 berryteuthis anonychus
79210 berryteuthis magister
66180 bigeye eualid
75222 bilirate pandora
75235 bittersweets
74000 bivalve unident.
74000 bivalvia
97120 black brachiopod
41525 black coral
74561 black mussel
91079 black papilliate sponge
92505 black specked ribbon worm
91078 black-orange spud sponge
80200 blackspined sea star
66550 blacktail bay shrimp
80544 blood sea star
69323 blue king crab
69655 blue mud shrimp
74080 blue mussel
69085 bluespine hermit
72554 bluetopsnail
40507 bolinopsis sp.
78300 bolitaenidae
98105 boltenia ovifera
98100 boltenia sp.
98101 boltenia villosa
94501 bonelliopsis alaskana
40013 bonneviella sp.
40012 bonneviella sp. a (clark 2006)
74641 boreal astarte
79312 boreal clubhook squid
72535 boreal rosy margarite
79252 boreopacific armhook squid
72065 boreoscala greenlandica
72067 boreoscala sp.
72402 boreotrophon alaskanus
72401 boreotrophon beringi
72406 boreotrophon clathratus
72403 boreotrophon coronatus
72405 boreotrophon elegantulus
72408 boreotrophon kamchatkanus
72409 boreotrophon multicostatus
```

```
CODE NAME
72421 boreotrophon pacificus
72404 boreotrophon rotundatus
72410 boreotrophon rotundus
72420 boreotrophon sp.
72407 boreotrophon stuarti
98220 botrylloides sp.
98225 botryllus schlosseri
69270 box crab
69260 box crab unident.
97000 brachiopoda
58503 brada granulata
58502 brada sachalina
91055 brain sponge
82675 brisaster latifrons
82676 brisaster owstoni
82660 brisaster sp.
82670 brisaster townsendi
82001 brisingella exilis
82000 brisingella pusilla
82002 brisingella sp.
82003 brisingid sea star
82003 brisingidae
82685 brissopsis pacifica
59000 bristle worm unident.
74552 british columbia crenella
83000 brittlestarfish unident.
98206 broad base tunicate
75286 broad cockle
74419 broad yoldia
98330 brown leafy compound tunicate
71893 brown whelk
85219 brownscaled sea cucumber
95000 bryozoa
95010 bryozoan sp. a unident.
95000 bryozoan unident.
72753 buccinum aleuticum
72743 buccinum angulosum
72738 buccinum bulimuloideum
72760 buccinum castaneum
72757 buccinum ciliatum
72754 buccinum cnismatum
72773 buccinum costatum
72748 buccinum eugrammatum
72744 buccinum fringillum
72758 buccinum glaciale
72784 buccinum moarchianum
72742 buccinum ochotense
72747 buccinum oedematum
72739 buccinum picturatum
```

```
CODE NAME
72751 buccinum plectrum
72755 buccinum polare
72741 buccinum polium
72786 buccinum rondinum
72752 buccinum scalariforme
72745 buccinum sigmatopleura
72746 buccinum simulatum
72756 buccinum solenum
72740 buccinum sp.
72765 buccinum sp. a (mclean & clark)
72775 buccinum sp. b (mclean & clark)
72776 buccinum sp. c (mclean & clark)
72777 buccinum sp. d (mclean & clark)
72779 buccinum sp. e (mclean & clark)
71002 buccinum sp. eggs
72780 buccinum sp. f (mclean & clark)
72781 buccinum sp. g (mclean & clark)
72782 buccinum sp. h (mclean & clark)
72783 buccinum sp. i (mclean & clark)
72750 buccinum strigillatum
72759 buccinum tenellum
72785 buccinum transliratum
72778 buccinum triplostephanum
72749 buccinum viridum
95017 bugula californica
71515 bulbus fragilis
83660 burrowing brittle star unident.
40035 bushy white hydroid
75021 butter clam
69328 butterfly crab
40060 by-the-wind sailor
71015 cadlina luteomarginata
71105 cadlina modesta
71104 cadlina nudibranchs
71104 cadlina sp.
77015 cadulus sp.
69642 calastacus investigatoris
91705 calcareous finger sponge
41700 calcigorgia sp.
41701 calcigorgia spiculifera
79204 california armhook squid
71080 california armina
74486 california bittersweet
74985 california cockle
69325 california king crab
97116 california lamp shell
79120 california market squid
74070 california mussel
85020 california sea cucumber
```

CODE NAME

```
71291 california sea slug
71795 calinaticina oldroyi
69653 callianassa californiensis
69652 callianassa goniophthalma
69650 callianassa sp.
72555 calliostoma annulatum
72516 calliostoma canaliculatum
72554 calliostoma ligatum
72512 calliostoma platinum
72511 calliostoma sp.
72513 calliostoma titanium
72514 calliostoma variegatum
72521 calliotropis carlotta
41601 callogorgia kinoshitae
41600 callogorgia sp.
71639 calyptraeidae
40008 campanulariid hydroid
40008 campanulariidae unid.
68012 cancer anthonyi
68011 cancer branneri
68010 cancer crab unident.
68060 cancer gracilis
68020 cancer magister
68040 cancer oregonensis
68050 cancer productus
68010 cancer sp.
66201 candy stripe shrimp
81100 cannonball sun star
60145 caprella sp.
60145 caprellid amphipod unident.
71586 capulacmaea commoda
59110 carcinobdella sp.
75551 cardiomya sp.
74650 cardita sp.
74651 carditidae
66145 caridea unid.
66145 caridid shrimp unid.
71501 carinariidae (= heteropoda)
72070 carinoturris fortis
91250 carnivorous cattail sponge
75202 carpenter tellin
44023 caryophyllia alaskensis
44022 caryophyllia arnoldi
44020 caryophyllia sp.
44021 caryophyllia sp. a
44004 caryophylliidae
53700 cat worm unident.
91059 cat-o-nine-tails sponge
71017 cedar-scented dorid
```

```
CODE NAME
95085 cellephorina sp.
95080 cellepora ventricosa
78000 cephalopod unident.
78000 cephalopoda
78005 cephalopoda unid. egg
80731 ceramaster arcticus
80732 ceramaster clarki
80729 ceramaster japonicus
80005 ceramaster leptoceramus
80730 ceramaster patagonicus
80728 ceramaster sp.
80733 ceramaster stellatus
72423 ceratostoma foliatum
92802 cerebratulus californienesis
73210 cerithiopsidae sp. a
93150 chaetognatha unid.
50013 chaetopterus sp.
75242 chalky macoma
40012 champagne flute hydroid
72516 channeled topsnail
71541 channelled dogwinkle
91092 cheesestick sponge
54030 cheilonereis cyclurus
81910 cheiraster dawsoni
81909 cheiraster sp. a (clark 2006)
98309 chelyosoma orientale
98331 chelyosoma productum
72760 chestnut whelk
43082 chevron-tentacled anemone
68570 chionoecetes angulatus
68560 chionoecetes bairdi
68590 chionoecetes hybrid
68575 chionoecetes japonicus
68580 chionoecetes opilio
68541 chionoecetes sp.
68550 chionoecetes tanneri
85081 chiridota albatrossii
85080 chiridota sp.
69554 chirostylus sp.
79404 chiroteuthis calyx
79403 chiroteuthis sp.
70100 chiton unident.
71202 chlamylla sp.
74103 chlamys albida
74105 chlamys behringiana
74109 chlamys erythocomata
74107 chlamys hastata
74112 chlamys pseudoislandica
```

74106 chlamys rubida

```
CODE NAME
74104 chlamys sp.
74108 chlamys sp. cf. unalaskae (clark & mclean)
91250 chondrocladia gigantea
68520 chorilia longipes
40515 chrysaora fuscescens
40501 chrysaora jellyfish
40504 chrysaora melanaster
40501 chrysaora sp.
41530 chrysopathes speciosa
72525 cidarina cidaris
98323 ciona savignyi
98304 cionid tunicates
98304 cionidae
68577 circumboreal toad crab
65000 cirripedia
81841 cladaster sp.
81840 cladaster validus
72406 clathrate trophon
41752 clavularia incrustans
41750 clavularia sp.
41751 clavularia sp. cf. evagorgiacrustans (bayer et al.)
79201 clawed armhook squid
91030 clay pipe sponge
66205 cleaner lebbeid
74986 clinocardium blandum
74985 clinocardium californiense
74983 clinocardium ciliatum
74982 clinocardium nuttallii
74980 clinocardium sp.
71886 clinopegma magnum
72821 clinopegma unicum
91220 cliona sp. a (clark 2006)
43020 clonal plumose anemone
91053 cloud sponge
91067 club sponge
98206 cnemidocarpa finmarkiensis
40001 cnidaria
74981 cockle unident.
40001 coelenterate unident.
91045 coelosphaeridae
71090 colga pacifica
69911 colossendeis dofleini
69912 colossendeis microsetosa
69910 colossendeis sp.
72770 columbella sp.
71730 colus aphelus
71733 colus bristolensis
71715 colus calathus
71732 colus datuzenbergii
```

CODE NAME 71725 colus esychus 71727 colus georgianus 71731 colus halli 71721 colus herendeenii 71722 colus hypolispus 71719 colus jordani 71716 colus martensi 71723 colus ombronius 71718 colus periscelidus 71724 colus roseus 71710 colus sp. 71925 colus sp. a (clark & mclean) 71926 colus sp. b (clark & mclean) 71726 colus spitzbergensis 71728 colus tahwitanus 71734 colus trophius 45000 comb jelly unident. 80636 commander spiny star 66575 common argid 97110 common brachiopod 79311 common clubhook squid 81780 common mud star 82771 common northern feather star 98072 common salp 98300 compound ascidian unident. 77102 compressidens stearnsii 75016 compsomyax subdiaphanus 74924 conchocele bisecta 72803 conical lamellaria 66050 coonstripe shrimp 64500 copepod unident. 64500 copepoda 95080 coral bryozoan 43009 corallimorphus sp. 98307 corella willmeriana 98308 corellid tunicates 98308 corellidae 72773 costate whelk 95081 costazia ventricosa 91109 cotton ball sponge 98001 cow-eye tunicate 43029 cowardly anemone 65204 crab barnacle 68000 crab unident. 79405 cranchia scabra 79406 cranchiidae 66510 crangon abyssorum

66512 crangon alaskensis

66509 crangon alba

```
CODE NAME
66515 crangon communis
66530 crangon dalli
66550 crangon nigricauda
66520 crangon resima
66548 crangon septemspinosa
66502 crangon sp.
66516 crangon sp. cf. communis (cas)
66500 crangonid shrimp unident.
66500 crangonidae
99981 craniella cranium
99987 craniella sp.
99982 craniella spinosa
91127 craniella villosa
71355 cranopsis cucullata
71350 cranopsis major
71349 cranopsis sp.
74130 crassadoma gigantea
74564 crenella seminuda
74639 crenulate astarte
72780 crenulated whelk
71681 crepidula grandis
71640 crepidula sp.
85169 crescent sea cucumber
81130 crested sea star
81125 crested star
43082 cribrinopsis fernaldi
66772 crimson pasiphaeid
82750 crinoid unident.
71333 crispate scissurelle
44019 crispatotrochus foxi
74416 crisscrossed yoldia
81092 crossaster borealis
81095 crossaster papposus
81090 crossaster sp.
81093 crossaster sp. a (clark)
81094 crossaster sp. b (clark)
72304 crowned hairysnail
60001 crustacea
60001 crustacean unident.
91036 crusty tube sponge
41595 cryogorgia koolsae
44038 crypthelia sp.
44036 crypthelia trophostega
70108 cryptochiton stelleri
69327 cryptolithodes sitchensis
69329 cryptolithodes sp.
69328 cryptolithodes typicus
71535 cryptonatica (=natica) aleutica
71537 cryptonatica (=natica) russa
```

```
CODE NAME
71526 cryptonatica affinis
71524 cryptonatica sp.
80670 cryptopeltaster lepidonotus
81780 ctenodiscus crispatus
81779 ctenodiscus sp.
45000 ctenophora
85201 cucumaria fallax
85202 cucumaria frondosa
85010 cucumaria japonica
85200 cucumaria sp.
63000 cumacea
63000 cumacean unident.
44004 cup corals
81312 cushion sea star
75560 cuspidaria glacialis
40561 cyanea capillata
40560 cyanea sp.
74654 cyclocardia crassidens
74655 cyclocardia crebricostata
74652 cyclocardia ovata
74656 cyclocardia sp.
74658 cyclocardia sp. cf. borealis (clark 2006)
74657 cyclocardia umnaka
74653 cyclocardia ventricosa
44040 cyclohelia lamellata
44041 cyclohelia sp.
44042 cyclohelia sp. a (clark 1997)
74177 cyclopecten davidsoni
74176 cyclopecten sp.
74179 cyclopecten sp. cf. benthalis (clark & mclean)
74178 cyclopecten uschakovi
73351 cylichna alba
77012 dall tuskshell
71020 dall's dendronotid
79000 decapodiformes
78006 decapodiformes unid. egg
85270 deep sea papillate cucumber
69560 deep-sea lobster
66190 deepsea eualid
66535 deepsea spinyhead
81350 deepwater pteraster
74171 delectopecten vancouverensis
91010 demospongiae
82741 dendraster excentricus
95105 dendrobeania sp.
98085 dendrodoa aggregata
71020 dendronotus dalli
71021 dendronotus frondosus
71018 dendronotus sp.
```

```
CODE NAME
71022 dendronotus subramosus
77010 dentalildae
77011 dentalium sp.
56312 depressed scale worm
80910 dermasterias imbricata
69312 dermaturus mandtii
44017 desmophyllum dianthus
71357 diadora aspera
80018 diamphiodia occidentalis
63101 diastylis alaskensis
63100 diastylis sp.
71016 diaulula sandiegensis
71269 diaulula sp. a (clark 2006)
98325 didemnidae unid.
81360 diplopteraster multipes
81361 diplopteraster sp.
81860 dipsacaster anoplus
81870 dipsacaster borealis
81875 dipsacaster eximus
81850 dipsacaster sp.
72761 dire whelk
71212 dirona aurantia
74562 discordant mussel
69011 discorsopagurus schmitti
98212 distaplia occidentalis
98213 distaplia smithi
98210 distaplia sp.
98214 distaplia sp. a (clark 2006)
44061 distichopora borealis
44060 distichopora sp.
74342 divaricate nutclam
66025 dock shrimp
66177 doll eualid
71250 dorid nudibranch unident.
71250 dorididae
79265 dosidicus gigas
72770 dovesnails
91086 drumstick sponge
68020 dungeness crab
82775 dwarf feather star
65210 eared barnacle
79020 eastern pacific bobtail
82500 echinacea
82740 echinarachnius parma
91238 echinoclathria sp. a (clark 2006)
94500 echiura
94500 echiuroid worm unident.
71911 egg whelk
40505 egg yolk jelly
```

```
CODE NAME
69121 elassochirus cavimanus
69122 elassochirus gilli
69123 elassochirus sp.
69110 elassochirus tenuimanus
71552 elegant dove snail
71356 elegant emarginula
75336 elegant soft shell
74643 elliptical astarte
72804 elongate lamellaria
74482 empleconia vaginata
92502 emplectonema sp.
92505 emplectonema sp. (clark 2006)
99993 empty bivalve shells
99994 empty gastropod shells
41752 encrusting coral
91996 encrusting sponge morphotype
44078 enigmatic hydrocoral
75218 entoclesma navicula
79207 eogonatus tinro
72066 epitonium indianorum
72064 epitonium sp.
43224 epizoanthus scotinus
91995 erect sponge morphotype
69400 erimacrus isenbeckii
69401 erimacrus sp.
71634 eroded turretsnail
72786 eroded whelk
44082 errinopora nanneca
44079 errinopora pourtalesi
44081 errinopora sp.
44076 errinopora sp. a (clark 2006)
44077 errinopora sp. b (clark 2006)
44078 errinopora sp. c (clark 2006)
44080 errinopora zarhyncha
95060 escharopsis sarsi
91094 esperiopsis flagrum
66172 eualus avinus
66171 eualus barbatus
66190 eualus biunguis
66176 eualus butleri
66174 eualus fabricii
66175 eualus gaimardii
66179 eualus macilentus
66180 eualus macrophthalmus
66177 eualus pusiolus
66170 eualus sp.
66192 eualus stoneyi
66193 eualus suckleyi
66173 eualus townsendi
```

CODE NAME 95020 eucratea loricata 71519 eulima sp. 71519 eulimas 50005 eunice valens 56312 eunoe depressa 56311 eunoe nodosa 56313 eunoe senta 56310 eunoe sp. 85167 eupentacta quinquesemita 63500 euphausiacea 63500 euphausiid unident. 50205 euphrosine multibranchiata 41586 euplexaura marki 41585 euplexaura sp. 60105 eusirus cuspidatus 71570 euspira lewisii 71517 euspira monterona 71580 euspira pallida 71575 euspira sp. 80020 evasterias echinosoma 80012 evasterias retifera 80010 evasterias sp. 80015 evasterias troschelii 81080 evening sun sea star 82035 evermann's seastar 71905 exilioidea kelseyi 71904 exilioidea rectirostris 66202 false candy-striped shrimp 74112 false iceland scallop 75335 false softshell 75610 falsejingles unident. 44090 fanellia compressa 44091 fanellia fraseri 44089 fanellia sp. 82775 fariometra sp. 91721 farrea beringiana 75103 fat gaper 71882 fat whelk 82770 featherstar crinoid 95020 feathery bryozoan 75382 feathery shipworm 71026 festive tritonia 91070 fiberoptic sponge 79203 fiery armhook squid 72744 finch whelk 72542 fine-groove solarelle 91064 firm finger sponge 91230 firm gray sponge

91084 firm yellow green sponge

```
CODE NAME
81071 fisher sun star
44005 flabellum sp. a (clark 2006)
78030 flapjack devilfish
69318 flatspine triangle crab
95050 flattened bryozoan
92000 flatworm unident.
82761 florometra acririma
82771 florometra asperrima
82765 florometra inexpectata
82770 florometra serratissima
82760 florometra sp.
95011 fluffy sponge
91110 flugel's nippled spong
95030 flustra serrulata
95035 flustrellidra corniculata
44076 foliate hydrocoral
72423 foliate thornmouth
83312 four spined brittle star
71515 fragile moonsnail
81910 fragile sea star
71756 fragile whelk
97111 frieleia halli
71542 frilled dogwinkle
71765 frilled whelk
71021 frond-aeolis
91056 funnel sponge
99982 furry ball sponge
72500 fusitriton oregonensis
71003 fusitriton oregonensis eggs
72501 fusitriton sp.
69285 fuzzy crab
91120 fuzzy cratered sponge
80560 fuzzy henricia
69086 fuzzy hermit crab
91251 fuzzy sponge
91238 fuzzy tree sponge
69550 galatheid crab unident.
69550 galatheidae
79340 galiteuthis phyllura
60110 gammarid amphipod unident.
60110 gammaridae
75120 gari californica
71718 garter whelk
71001 gastropod eggs
71500 gastropoda
71503 gastropteron pacifica
71023 gastropteron pacificum
69555 gastroptychus iaspis
```

56321 gattyana ciliata

```
CODE NAME
91046 geodia mesotriaena
91047 geodia sp.
91044 geodiidae
91705 geodinella robusta
80603 gephyreaster sp.
80602 gephyreaster swifti
41221 gersemia rubiformis
41201 gersemia sp.
69653 ghost shrimp
80116 giant aleutian six-rayed star
65203 giant barnacle
72533 giant margarite
78403 giant octopus
85016 giant orange cucumber
71012 giant orange tochui
70108 giant pacific chiton
80311 giant pink star
64011 giant red mysid
74130 giant rock-scallop
56311 giant scale worm
80020 giant sea star
68511 giant spider crab
80556 giant toothed henricia
43021 gigantic anemone
91045 ginseng sponge
72758 glacial whelk
91700 glass sponge unident.
98322 glassy tunicate
52715 glycera sp.
74485 glycymeris septentrionalis
75235 glycymeris sp.
74486 glycymeris subobsoleta
62015 gnorimosphaeroma sp.
91035 goblet sponge
69310 golden king crab
79199 gonatidae unid.
79252 gonatopsis borealis
79254 gonatopsis makko
79250 gonatopsis sp.
79253 gonatopsis sp. cf. japonica (kubodera & okutani)
79202 gonatus berryi
79204 gonatus californiensis
79206 gonatus kamtschaticus
79205 gonatus madokai
79208 gonatus middendorffi
79201 gonatus onyx
79203 gonatus pyros
79200 gonatus sp.
80735 goniasterid sea stars
```

```
CODE NAME
80735 goniasteridae
41500 gorgonacea
41500 gorgonian coral unident.
83020 gorgonocephalus eucnemis
83022 gorgonocephalus sp.
83021 gorgonocephalus sp. cf. arcticus
68510 graceful decorator crab
69531 graceful kelp crab
68060 graceful rock crab
78352 graneledone boreopacifica
78353 graneledone sp. cf. boreopacifica (nesis)
43050 grape anemone
62021 gravel isopod
50215 gravel tube worm
41332 gray anthomastus
83319 gray brittle star
72303 gray hairysnail
71900 gray whelk
71350 great puncturella
71681 great slippersnail
98003 green colonial tunicate
91226 green papillate sponge
82510 green sea urchin
75285 greenland cockle
66179 greenland shrimp
72065 greenland wentletrap
78040 grimpoteuthis albatrossi
81092 grooved sea star
68550 grooved tanner crab
74326 gutless awning clam
71748 habevolutopsius hirasei
74983 hairy cockle
69120 hairy hermit crab
91002 hairy lemon sponge
98324 hairy tunicate
91201 hairy urn sponge
91085 hairy vase sponge
72381 hairysnails
75570 halicardia perplicata
91080 halichondria cf. sitiens
91050 halichondria panicea
91079 halichondria sitiens
91049 halichondria sp.
42013 halipteris californica
42010 halipteris finmarchia
42008 halipteris sp.
42012 halipteris willemoesi
98205 halocynthia aurantium
98324 halocynthia hispidus
```

CODE NAME 98204 halocynthia igaboja 98200 halocynthia sp. 50201 halosydna brevisetosa 69316 hapalogaster grebnitzkii 69314 hapalogaster mertensii 69315 hapalogaster sp. 91063 hat sponge 82675 heart urchin 82650 heart urchin unident. 75247 heavy macoma 69905 hedgpethia sp. 82755 heliometra glacialis 68781 helmet crab 71353 helmet puncturella 71886 helmet whelk 97120 hemithiris psittacea 97010 hemithyrid brachiopods 97010 hemithyridae 80545 henricia aleutica 80543 henricia aspera 80547 henricia asthenactis 80597 henricia beringiania 80541 henricia clarki 80539 henricia derjugini 80598 henricia dyscrita 80544 henricia leviuscula 80548 henricia longispina 80542 henricia sanguinolenta 80540 henricia sp. 80535 henricia sp. a (clark 2006) 80536 henricia sp. b (clark 2006) 80537 henricia sp. c (clark 2006) 80560 henricia sp. d (clark 2006) 80561 henricia sp. e (clark 2006) 80549 henricia spiculifera 80546 henricia tumida 66302 heptacarpus flexus 66032 heptacarpus maxillipes 66303 heptacarpus moseri 66301 heptacarpus sp. 66304 heptacarpus stylus 66305 heptacarpus tenuissimus 71013 hermissenda crassicornis 69010 hermit crab unident. 91020 hermit sponge 91035 heterochone calyx 91036 heterochone tenerum 95103 heteropora sp.

81100 heterozonias alternatus

CODE NAME 91700 hexactinellida 74311 hiatella arctica 74310 hiatella sp. 75606 hinnites sp. 80632 hippasteria armata 80640 hippasteria californica 80645 hippasteria heathi 80631 hippasteria kurilensis 80646 hippasteria leiopelta 80647 hippasteria pedicellaris 80630 hippasteria sp. 80633 hippasteria sp. a (clark 1999) 80634 hippasteria sp. b (clark) 80635 hippasteria sp. c (clark) 80636 hippasteria sp. d (clark) 80637 hippasteria sp. e (clark) 80650 hippasteria spinosa 95071 hippodiplosia insculpta 95072 hippodiplosia sp. 66150 hippolytid shrimp unident. 66150 hippolytidae 59100 hirudinea 79511 histioteuthis dofleini 79510 histioteuthis heteropsis 79512 histioteuthis hoylei 79509 histioteuthis sp. 91066 histodermella sp. a (clark 2006) 85000 holothuroidea 71355 hood puncturella 43200 hormathiidae 73210 horn shell 66615 horned shrimp 69400 horsehair crab 43045 hot dog sea anemone 79265 humboldt squid 75025 humilaria kennerleyi 66045 humpy shrimp 74987 hundred-line cockle 91070 hyalonema sp. 68577 hyas coarctatus 68578 hyas lyratus 69520 hyas sp. 68590 hybrid tanner crab 40020 hydractinia sp. 44029 hydrocoral unident. 40011 hydroid unident. 40010 hydrozoa

81365 hymenaster sp.

66840 hymenodora frontalis

```
CODE NAME
66839 hymenodora sp.
74105 iceland scallop
71585 icy lamellaria
41510 ideogorgia sp.
95045 idmidronea sp.
62012 idoteidae unid.
91101 inflatella sp. 1 (clark 2006)
99992 invertebrate eggs unident.
99990 invertebrate unident.
72304 iphinoe (=trichotropis) coronata
72370 iphinoe (=trichotropis) kroyeri
72371 iphinoe pemabilis
60101 iphinoe sp.
44085 isidella sp.
44084 isididae unid.
91257 isodictya palmata
62000 isopod unident.
62000 isopoda
68575 japanese tanner crab
71740 japelion aleutica
71741 japelion sp.
71742 japelion sp. a
71743 japelion sp. b
78023 japetella
78022 japetella diaphana
78021 japetella heathi
44010 javania borealis
44011 javania cailleti
44012 javania sp.
40500 jellyfish unident.
79509 jewel squids
41582 kamchatka coral
72408 kamchatka trophon
72765 katherine's whelk
72063 keeled aforia
74803 kellia laperousii
74802 kellia suborbicularis
69530 kelp crab
75025 kennerleys venus
44088 keratoisis sp.
81070 kessler sun star
72062 kinkaid's aforia
99984 knobby ball sponge
69070 knobbyhand hermit
72370 kroyer's hairy snail
69320 kurile king crab
66611 kuro arqid
74803 la perouse kellyclam
69061 labidochirus splendescens
```

```
CODE NAME
91725 lacy basket sponge
95015 lacy bryozoan
72752 ladder whelk
71584 lamellaria sp.
71591 lamellaria sp. a (clark & mclean)
71592 lamellaria sp. b (clark & mclean)
71593 lamellaria sp. c (clark & mclean)
71594 lamellaria sp. d (clark & mclean)
71595 lamellaria sp. e (clark & mclean)
71596 lamellaria sp. f (mclean & clark)
71583 lamellarid unident.
71583 lamellariidae
91054 lampshade sponge
97000 lampshell unident.
97116 laqueus californianus
97117 laqueus vancouverensis
82672 large green heart urchin
74801 lasaeidae unident.
91226 latrunculia sp. a (clark 2006)
91227 latrunculia sp. b (clark 2006)
91255 lattice sponge
95030 leafy bryozoan
80910 leather sea star
43041 leathery anemone
66202 lebbeus acudactylus
66201 lebbeus grandimana
66203 lebbeus groenlandicus
66205 lebbeus mundus
66204 lebbeus polaris
66200 lebbeus sp.
59100 leech unident.
71755 left-hand whelk
95006 leieschara orientalis
95005 leieschara sp. cf. subgracilis (bayer et al.)
65101 lepas sp.
44110 lepidisis sp.
70112 lepidozona abyssicola
70111 lepidozona beringiana
70114 lepidozona retiporosa
70113 lepidozona sp.
70110 lepidozona trifida
80594 leptasterias arctica
80596 leptasterias camtschatica
80115 leptasterias coei
80110 leptasterias groenlandica
80111 leptasterias hexactis
80112 leptasterias hylodes
80591 leptasterias katharinae
80117 leptasterias leptodoma
```

```
CODE NAME
80590 leptasterias polaris
80595 leptasterias sp.
80118 leptasterias sp. a (clark)
80119 leptasterias sp. b (clark)
80113 leptasterias stolocantha
80116 leptasterias truculenta
70125 leptochiton alveolus
70127 leptochiton belknapi
70128 leptochiton mesogonus
70124 leptochiton sp.
81829 leptychaster anomalus
81835 leptychaster arcticus
81830 leptychaster pacificus
81831 leptychaster propinquus
81820 leptychaster sp.
80200 lethasterias nanimensis
80201 lethasterias sp.
91052 leucandra heathi
91097 leucandra sp.
91085 leucandra sp. a (clark 2006)
91068 leucosolenia blanca
91073 leucosolenia sp.
41551 lillipathes lilliei
41552 lillipathes sp. a (clark 2006)
41553 lillipathes sp. b (clark 2006)
74571 limatula attenuata
74572 limatula sp. a (clark & mclean)
74481 limopsis akutanica
71405 limpet unident.
80535 lined blood star
75092 liocyma fluctosa
71913 liomesus nassula
71911 liomesus ooides
71910 liomesus sp.
40561 lion's mane
43090 liponema brevicornis
72748 lirate whelk
66546 lissocrangon stylirostris
69310 lithodes aequispinus
69300 lithodes couesi
69290 lithodes sp.
69250 lithodidae
65102 litoscalpellum ursum
72532 little margarite
62010 livoneca sp.
91260 lobed tree sponge
79120 loligo opalescens
91211 lollypop sponge
91111 long nippled sponge
```

```
CODE NAME
69553 long-armed pinch bug
80170 long-rayed star
71358 long-slot puncturella
69095 longfinger hermit
69100 longhand hermit
68520 longhorned decorator crab
81130 lophaster furcilliger
81120 lophaster sp.
81121 lophaster sp. a (clark)
81122 lophaster sp. b (clark)
81125 lophaster vexator
69270 lopholithodes foraminatus
69280 lopholithodes mandtii
69260 lopholithodes sp.
71406 lottiidae
74986 low-rib cockle
68515 loxorhynchus crispatus
75420 lucinoma annulatum
80810 luidia foliolata
80800 luidia sp.
75410 lyonsia arenosa
74511 lyonsia sp.
71870 lyre whelk
75246 macoma moesta
75247 macoma brota
75242 macoma calcarea
75245 macoma carlottensis
75248 macoma inquinata
75241 macoma nasuta
75244 macoma secta
75240 macoma sp.
75243 macoma yoldiaformis
68511 macroregonia macrochira
75111 mactromeris polynyma
75110 mactromeris sp.
79210 magistrate armhook squid
80230 majestic sea star
68500 majidae
79254 makko armhook squid
72130 mangelia carlotta
74655 many-rib cyclocardia
72777 many-ribbed chestnut whelk
71354 many-ribbed puncturella
72534 margarites argentatus
72539 margarites beringensis
72535 margarites costalis
72533 margarites giganteus
72532 margarites pupillus
72531 margarites sp.
```

```
CODE NAME
72536 margarites sp. a (clark & mclean)
72537 margarites sp. b (clark & mclean)
72538 margarites sp. c (clark & mclean)
82691 marginoproctus dyakonovi
82690 marginoproctus sp.
80710 mediaster aequalis
80690 mediaster sp.
80691 mediaster tenellus
95037 medusa bryozoan
72775 mega-ribbed chestnut whelk
74412 megayoldia sp.
60130 melita dentata
91255 melonchela clathriata
95095 membranipora sp.
66536 mesocrangon intermedia
66534 metacrangon munita
66533 metacrangon sp.
66535 metacrangon variabilis
43021 metridium farcimen (=metridium giganteum)
43020 metridium senile
43010 metridium sp.
95100 microporina articulata
95101 microporina borealis
75016 milky venus
74060 modiolus modiolus
71906 mohnia robusta
69557 mole crab
99902 molgula grifithsii
99904 molgula retortiformis
99900 molqula sp.
70000 mollusca
70000 mollusk unident.
85110 molpadia arenicola
85120 molpadia intermedia
85115 molpadia sp.
72081 money wentletrap
71055 monterey dorid
71511 moonsnail eggs unid.
70140 mopalia egretta
70126 mopalia swanii
81064 morning sun sea star
79302 moroteuthis robusta
43042 mottled anemone
80537 mottled henricia
71235 mottled pale sea-lemon
80015 mottled sea star
69556 munida quadrispina
69553 munidopsis quadrata
```

69552 munidopsis sp.

```
CODE NAME
69551 munidopsis verrilli
44092 muriceides nigra
44093 muriceides sp.
44103 muriceides sp. cf. cylindrica (bayer et al.)
71540 muricidae
42021 murray sea pen
68100 mursia gaudichaudii
74562 musculus discors
74561 musculus niger
74563 musculus olivaceus
74560 musculus sp.
91065 mushroom sponge
74050 mussel unident.
75332 mya arenaria
75331 mya baxteri
75336 mya elegans
75335 mya pseudoarenaria
75330 mya sp.
75333 mya truncata
91042 mycale adhaerens
91054 mycale bellabellensis
91040 mycale loveni
91039 mycale sp.
91041 mycale sp. a (clark 2006)
91109 mycalecarmia lobata
95040 myriozoum subgracile
64000 mysida
64100 mysidae
74050 mytilidae
74070 mytilus californianus
74080 mytilus edulis
74065 mytilus sp.
91062 myxilla brunnea
91060 myxilla incrustans
91061 myxilla lacunosa
82090 myxoderma platyacanthum
82091 myxoderma sacculatum
72544 naked solarelle
71014 nanaimo dorid
71530 natica clausa
71525 natica sp.
71510 naticidae
71511 naticidae eggs
73189 neadmete circumcenta
73190 neadmete modesta
81920 nearchaster aciculosus
81921 nearchaster pedicellaris
81919 nearchaster sp.
81912 nearchaster variabilis
```

```
CODE NAME
66613 nelson's argid
93500 nematoda
93500 nematode worm unident.
92500 nemertea
92500 nemertean worm unident.
74987 nemocardium centifilosum
71790 neoberingius sp.
91093 neoesperiopsis digitata
91089 neoesperiopsis infundibula
91088 neoesperiopsis rigida
91091 neoesperiopsis sp.
64011 neognathophausia gigas
64012 neognathophausia ingens
64010 neognathophausia sp.
69341 neolithodes diomedeae
70062 neomenia cf. yamamoti (clark 2006)
70061 neomenia efgamatoi
70060 neomenia sp.
99910 neon yellow ascidian
91051 neon yellow vase sponge
69651 neotypaera giga
53700 nephtyidae
71810 neptunea amianta
71835 neptunea borealis
71850 neptunea eulimata
70871 neptunea gyroscopoides
71884 neptunea heros
71883 neptunea insularis
71881 neptunea ithia
71870 neptunea lyrata
71840 neptunea middendorffii
71860 neptunea neptunea
71802 neptunea phoenicia
71820 neptunea pribiloffensis
71811 neptunea smirnia
71800 neptunea sp.
71887 neptunea sp. a (mclean & clark)
71888 neptunea sp. b (mclean & clark)
71889 neptunea sp. c (mclean & clark)
71915 neptunea sp. d (clark & mclean)
71885 neptunea sp. e (clark & mclean)
71004 neptunea sp. eggs
71916 neptunea sp. f (clark & mclean)
71917 neptunea sp. g (clark & mclean)
71866 neptunea stilesi
71822 neptunea tabulata
71882 neptunea ventricosa
71880 neptunea vermii
54000 nereididae
```

143 CODE NAME 54010 nereis sp. 72436 nipponotrophon sp. a (clark & mclean) 72081 nitidiscala indianorum 73186 noble admete 44088 nodal bamboo coral unid. 78210 north pacific bigeye octopus 81835 north pacific sea star 73183 northern admete 74658 northern carditid 74060 northern horsemussel 74436 northern nutclam 81870 northern sea star 66536 northern spinyhead 81061 northern sun sea star 74420 northern yoldia 83320 notched brittlestar 59120 notostomobdella sp. 59111 notostomum cyclostomum 66815 notostomus japonicus 66814 notostomus sp. 71541 nucella canaliculata 71542 nucella lamellosa 74332 nucula sp. 74333 nucula tenuis 74440 nuculana buccata 74438 nuculana conceptionis 74439 nuculana fossa 74436 nuculana pernula 74435 nuculana sp. 74437 nuculana taphira 71010 nudibranch unident. 71010 nudibranchia 74982 nuttall cockle 69920 nymphon sp. 72181 obesotoma simplex 72802 oblique lamellaria 75287 oblique smoothcockle 71730 oblique whelk 81355 obscure sea star 72541 obscure solarelle 66030 ocean shrimp 81072 ocher sun star 85012 ocnus sp. 41099 octocorallia

78210 octopus californicus 78403 octopus dofleini

79504 octopoteuthis deletron

78010 octopodidae

78404 octopus rubescens

```
CODE NAME
78020 octopus sp.
78010 octopus unident.
80628 odontaster sp.
80629 odontaster sp. b (clark)
80550 odontohenricia fisheri
80551 odontohenricia sp.
80552 odontohenricia sp. a (clark)
80553 odontohenricia sp. b (clark)
80554 odontohenricia sp. c (clark)
80555 odontohenricia sp. d (clark)
80556 odontohenricia sp. e (clark 2006)
72105 oenopota fidicula
72103 oenopota harpa
72104 oenopota nobilis
72100 oenopota sp.
72742 okhotsk whelk
72571 oligoneria conica
72797 olivella beatica
42015 ombellula
79260 ommastrephes bartrami
79259 ommastrephidae
71588 onchidiopsis brevipes
71585 onchidiopsis glacialis
71590 onchidiopsis sp.
71587 onchidiopsis sp. a (clark & mclean)
71589 onchidiopsis sp. b (clark & mclean)
71011 onchidoris bilamellata
72776 one-ribbed whelk
50215 onuphis conchylega
79310 onychoteuthidae
79311 onychoteuthis banksii
79312 onychoteuthis borealijaponicus
83345 ophiacantha cataleimmoida
83344 ophiacantha diplasia
83343 ophiacantha enneactis
83341 ophiacantha normani
83342 ophiacantha sp.
83347 ophiacantha sp. a
83346 ophiacantha sp. cf. rhachophora
83413 ophiolebes brevispina
83412 ophiolebes pachybactra
83415 ophiolebes paucispina
83411 ophiolebes sp.
83416 ophiolebes sp. a (clark 2006)
83417 ophiolebes sp. b (clark 2006)
83418 ophiolebes sp. c (clark 2006)
83419 ophiolebes sp. d (clark 2006)
83420 ophiolebes sp. e (clark 2006)
83421 ophiolebes sp. f (clark 2006)
```

```
CODE NAME
83414 ophiolebes tylota
83407 ophiomusium jolliensis
83480 ophiomusium lymani
83409 ophiomusium sp.
83400 ophiopholis aculeata
83390 ophiopholis longispina
83360 ophiopholis sp.
83403 ophioscolex corynetes
83402 ophioscolex sp.
83408 ophiosphalma sp. cf. jolliensis
83405 ophiothrix sp.
83406 ophiothrix spiculata
83311 ophiura cryptolepis
83319 ophiura lutkeni
83312 ophiura quadrispina
83320 ophiura sarsi
83310 ophiura sp.
83010 ophiuridae
83000 ophiuroidea
71009 opisthobranchia unid.
78030 opisthoteuthis californiana
78301 opisthoteuthis sp. cf. californiana (jorgensen)
64000 opossum shrimps
43050 oractis diomedeae
43051 oractis sp.
43115 orange actinistolid
98311 orange aplidium
91072 orange ball sponge
80730 orange bat sea star
91083 orange encrusting sponge
91082 orange nipple ball sponge
91090 orange papillate sponge
42017 orange sea pen
91076 orange sponge
43224 orange zooanthid
82530 orange-pink sea urchin
68040 oregon rock crab
72500 oregon triton
68502 oregonia bifurca
68510 oregonia gracilis
68501 oregonia sp.
80106 orthasterias koehleri
80105 orthasterias sp.
91210 oscarella lobularis
72551 otukaia kiheiziebisu
66168 oval blade shrimp
82673 oval heart urchin
74417 oval yoldia
50100 oweniidae
```

```
CODE NAME
91065 pachastrellidae sp. 1
66840 pacific ambereye
71023 pacific batwing seaslug
71090 pacific colga
75102 pacific gaper
74301 pacific geoduck
66770 pacific glass shrimp
75030 pacific littleneck
68578 pacific lyre crab
75266 pacific razor
69122 pacific red hermit
71230 pacific sea lemon
66005 pacific sergestid
85310 paelopatides confundens
69010 paguridae
69013 paguristes turgidus
69060 pagurus aleuticus
69041 pagurus armatus
69087 pagurus beringanus
69042 pagurus brandti
69120 pagurus capillatus
69070 pagurus confragosus
69080 pagurus cornutus
69082 pagurus dalli
69085 pagurus kennerlyi
69090 pagurus ochotensis
69094 pagurus quaylei
69095 pagurus rathbuni
69097 pagurus setosus
69035 pagurus sp.
69096 pagurus stevensae
69100 pagurus tanneri
69050 pagurus townsendi
69086 pagurus trigonocheirus
69098 pagurus undosus
91112 pale mammilated sponge
71580 pale moonsnail
80634 pale spiny star
44077 pale-edged hydrocoral
81365 pancake star
66019 pandalid shrimp unident.
66019 pandalidae
66060 pandalopsis aleutica
66130 pandalopsis ampla
66120 pandalopsis dispar
66061 pandalopsis longirostris
66059 pandalopsis sp.
66062 pandalopsis sp. cf. lamelligera
66025 pandalus danae
```

```
CODE NAME
66031 pandalus eous (=borealis)
66045 pandalus goniurus
66050 pandalus hypsinotus
66030 pandalus jordani
66040 pandalus platyceros
66020 pandalus sp.
66034 pandalus sp. cf. tridens (cas)
66055 pandalus stenolepis
66033 pandalus tridens
75222 pandora bilirata
75223 pandora filosa
75221 pandora wardiana
85270 pannychia moseleyi
85269 pannychia sp.
74323 panomya ampla
74320 panomya arctica
74322 panomya norvegica
74321 panomya sp.
74301 panopea abrupta
71798 paper whelk
85175 paracaudina chilensis
66615 paracrangon echinata
66618 paracrangon sp.
43002 paractinostola faeculenta
41582 paragorgia arborea
41587 paragorgia nodosa
41583 paragorgia pacifica
41580 paragorgia sp.
69320 paralithodes brevipes
69325 paralithodes californiensis
69322 paralithodes camtschaticus
69323 paralithodes platypus
69326 paralithodes rathbuni
69321 paralithodes sp.
69334 paralomis manningi
69335 paralomis multispina
69330 paralomis sp.
69332 paralomis sp. a (clark 2006)
69333 paralomis sp. b (clark 2006)
69331 paralomis verrilli
60116 paramphithoe polyacantha
60117 paramphithoe sp.
41550 parantipathes sp.
69200 parapagurus pliosimanus
69199 parapagurus sp.
66761 parapasiphae sulcatifrons
43004 paraphelliactis pabista
41605 parastenella sp. a (clark 2006)
85020 parastichopus californicus
```

CODE NAME 85016 parastichopus leukothele 85015 parastichopus sp. 82740 parma sand dollar 66166 parrot shrimp 74564 partly-sculptured crenella 74175 parvamussium alaskense 74174 parvamussium sp. 66770 pasiphaea pacifica 66772 pasiphaea tarda 66750 pasiphaeid shrimp unident. 66750 pasiphaeidae 74120 patinopecten caurinus 68072 pea crab 91018 peach sponge 66865 peaked shrimp 94000 peanut worm unid. 58001 pectinaria granulata 74100 pectinidae 80230 pedicellaster magister 80220 pedicellaster sp. 78011 pelagic octopus unident. 66140 penaeid shrimps 66140 penaeidae 42000 pennatulacea 85169 pentamera lissoplaca 85170 pentamera sp. 85171 pentamera sp. a (clark 2006) 81295 peribolaster biserialis 40503 periphylla periphylla 40502 periphylla sp. 40505 phacellophora camtschatica 40509 phacellophora sp. 91063 phakellia beringensis 91056 phakellia cribrosa 91059 phakellia dalli 91038 phakellia sp. 94011 phascolosomatidae 95015 phidolopora pacifica 94900 phoronida 94900 phoronida tube worm unident. 55900 phyllodocidae unid. 69318 phyllolithodes papillosus 69556 pinchbug 81360 pincushion sea star 98073 pineapple tunicate 43201 pink hormathiid anemone 41104 pink orange mushroom coral 81094 pink rose star

68072 pinnixa occidentalis

```
CODE NAME
80311 pisaster brevispinus
80312 pisaster ochraceus
80310 pisaster sp.
91100 pita sponge
69336 placetron wosnessenskii
70122 placiphorella pacifica
70123 placiphorella rufa
70119 placiphorella sp.
91215 plakina tanaga
92000 platyhelminthes
71291 pleurobranchaea californica
41584 plexaurid corals
41584 plexauridae
91064 plicatellopsis amphispicula
71893 plicifusus brunneus
71900 plicifusus griseus
71892 plicifusus incisus
71891 plicifusus kroyeri
71896 plicifusus oceanodromae
71890 plicifusus sp.
71899 plicifusus sp. a (clark & mclean)
71898 plicifusus stejnegeri
71894 plicifusus verkruzeni
71897 plicifusus virens
44083 plumarella sp.
44086 plumarella sp. 1 (bayer)
44106 plumarella sp. 2 (clark 2006)
40009 plumulariid hydroids
40009 plumulariidae
75601 pododesmus cepio
75600 pododesmus macrochisma
75605 pododesmus sp.
75248 pointed macoma
74642 polar astarte
72755 polar whelk
50000 polychaeta
99998 polychaete tubes
50000 polychaete worm unident.
69560 polycheles sculpta
69559 polycheles sp.
98110 polycitorid tunicates
98110 polycitoridae
92021 polyclad flatworm unident.
92021 polycladida
98340 polyclinum planum
91110 polymastia fluegeli
91078 polymastia pachymastia
91075 polymastia pacifica
91111 polymastia robusta
```

CODE NAME 91074 polymastia sp. 91113 polymastia sp. a (clark 2006) 91082 polymastia sp. b (clark 2006) 91114 polymastia sp. c (clark 2006) 56300 polynoidae 40508 polyorchis sp. 70100 polyplacophora 80525 poraniopsis flexilius 80520 poraniopsis inflata 95050 porella compressa 91000 porifera 91997 porifera unid. ball 91996 porifera unid. encrusting 91995 porifera unid. erect 91998 porifera unid. tubular 74421 portlandia sp. 93100 priapula 93100 priapulid worm unident. 93101 priapulus sp. 71820 pribilof whelk 69098 priblof hermit 91257 prickly pear sponge 41521 primnoa pacifica 41523 primnoa resaediformes 41520 primnoa sp. 44108 primnoa sp. 1 (clark 2006) 41522 primnoa willeyi 44107 primnoa wingi 91113 prolific nipple sponge 42007 protoptilum sp. 75031 protothaca sp. 75030 protothaca staminea 82772 psathyrometra fragilis 82773 psathyrometra profundorum 80620 pseudarchaster alascensis 80625 pseudarchaster dissonus 80660 pseudarchaster parelii 80624 pseudarchaster pussillus 80610 pseudarchaster sp. 71912 pseudoliomesus canaliculatus 85070 pseudostichopus mollis 85060 pseudostichopus sp. 81880 psilaster pectinatus 85209 psolidae 85224 psolidium bullatum

85212 psolus chitonoides 85219 psolus fabricii 85222 psolus japonicus 85221 psolus peroni

```
CODE NAME
85211 psolus phantapus
85210 psolus sp.
85213 psolus sp. a (clark 2006)
85220 psolus squamatus
81350 pteraster coscinopeplus
81316 pteraster jordani
81321 pteraster marssipus
81320 pteraster militaris
81355 pteraster obscurus
81356 pteraster pulvillus
81310 pteraster sp.
81313 pteraster sp. a (clark 1999)
81314 pteraster sp. b (clark 1997)
81317 pteraster sp. c (clark)
81311 pteraster sp. cf. temnochiton (clark 1999)
81318 pteraster sp. d (clark)
81319 pteraster sp. e (clark)
81323 pteraster sp. f (clark)
81312 pteraster temnochiton
81315 pteraster tesselatus
81340 pteraster tesselatus arcuatus
81345 pteraster trigonodon
82751 ptilocrinus pinnatus
42017 ptilosarcus gurneyi
42016 ptilosarcus sp.
99987 puffball sponges
69531 pugettia gracilis
69532 pugettia producta
69530 pugettia sp.
66164 punctate blade shrimp
71349 puncterellas
71352 puncturella cooperi
71353 puncturella galeata
71358 puncturella longifissa
71354 puncturella multistriata
71351 puncturella rothi
69121 purple hermit
71520 purple moon snail
82525 purple sea urchin
80312 purple star
43006 purple striated sea anemone
81742 purple-orange sea star
40015 pussywillow hydroid
69900 pycnogonida
69930 pycnogonum sp.
80160 pycnopodia helianthoides
78454 pygmy benthoctopus
98071 pyrosoma atlanticum
98003 pyrosoma sp.
```

```
CODE NAME
71753 pyrulofusus deformis
71749 pyrulofusus dexius
71755 pyrulofusus harpa
71761 pyrulofusus melonis
71747 pyrulofusus sp.
71752 pyrulofusus sp. eggs
98207 pyura haustor
66875 quayle's spinytail
72380 rams-horn hairysnail
66161 rathbun blade shrimp
80120 rathbunaster californicus
85175 rattail sea cucumber
72025 rectiplanes sp.
72026 rectiplanes sp. a (clark & mclean)
41331 red anthomastus
80729 red bat star
79260 red flying squid
69322 red king crab
91041 red mycale
64012 red mysid
91114 red nipple sponge
68050 red rock crab
82520 red sea urchin
43007 red striated sea anemone
41522 red tree coral
60113 red-spotted amphipod
80106 redbanded sea star
74106 reddish scallop
91725 regadrella okinoseana
71757 regular whelk
43001 reticulate anemone
71635 reticulated turretsnail
72767 retifusus sp.
82757 retiometra alascana
91053 rhabdocalyptus sp.
77012 rhabdus dalli
95070 rhamphostomella costata
69317 rhinoceros crab
69317 rhinolithodes wosnessenskii
79001 rhomboid squid
66602 rhynocrangon alata
66604 rhynocrangon sharpi
95070 ribbed bryozoan
72409 ribbed trophon
66009 ridgeback rock shrimp
80543 ridged blood star
66530 ridged crangon
75420 ringed lucine
79302 robust clubhook squid
```

```
CODE NAME
62025 rocinella angusta
75606 rock scallops unident
72762 roger's buccinid
74644 rolland tridonta
81095 rose sea star
79020 rossia pacifica
79021 rossia pacifica eggs
71030 rosy tritonia
71724 rosy whelk
72404 rotund trophon
71787 rotund whelk
66612 rough argid
91220 rough bread crumb sponge
91089 rough china hat sponge
43002 rough purple sea anemone
66055 roughpatch shrimp
42005 roughstem seawhip
95081 rusty bryozoan
71537 rusty moonsnail
57000 sabellid unident.
57000 sabellidae
66602 saddleback shrimp
62020 saduria entomon
74177 salmon glass-scallop
75203 salmon tellin
98070 salp unident.
74490 samacar sp.
82730 sand dollar unident.
80810 sand sea star
79405 sandpaper squid
75410 sandy lyonsia
85070 sandy sea cucumber
80542 sanguine sea star
78454 sasakiopus salebrosus
75021 saxidomus gigantea
75020 saxidomus nuttalli
72396 scabrotrophon rossica
72394 scabrotrophon clarki
72397 scabrotrophon densicostatus
72393 scabrotrophon maltzani
72398 scabrotrophon scarlatoi
72395 scabrotrophon scitulus
72399 scabrotrophon sp.
72386 scabrotrophon sp. a (clark & mclean)
72387 scabrotrophon sp. b (clark & mclean)
72388 scabrotrophon sp. c (clark & mclean)
72389 scabrotrophon sp. d (clark & mclean)
72390 scabrotrophon sp. e (clark & mclean)
56300 scale worm unident.
```

```
CODE NAME
69336 scaled crab
91060 scallop sponge
74100 scallop unident.
65211 scalpellum columbiana
65210 scalpellum cornutum
65209 scalpellum sp.
77000 scaphopod unident.
77000 scaphopoda
91057 scapula sponge
69300 scarlet king crab
80660 scarlet sea star
71356 scelidotoma bella
44000 scleractinia
66601 sclerocrangon boreas
66600 sclerocrangon sp.
85411 scotoplanes sp.
85410 scotoplanes theeli
72754 scratched whelk
66601 sculptured shrimp
91201 scypha ciliata
40500 scyphozoa
69540 scyra acutifrons
43000 sea anemone unident.
98320 sea blob
99904 sea clod
85000 sea cucumber unident.
85201 sea football
98310 sea glob
99902 sea grape
50160 sea mouse unident.
40515 sea nettle
98205 sea peach
98200 sea peach unident.
42000 sea pen or sea whip unident.
98082 sea potato
41201 sea raspberry
69900 sea spider unident.
80000 sea star unident.
82500 sea urchin unident.
42003 sea whip unident.
71050 sea-clown triopha
71896 seahorse whelk
72761 searlesia dira
75125 semele rubropicta
65208 semibalanus cariosus
66005 sergestes similis
66004 sergestes sp.
66003 sergestid shrimp unident.
66003 sergestidae
```

```
CODE NAME
83070 serpent sea star
81069 serpent sun star
57411 serpula columbiana
57412 serpula sp.
57410 serpula vermicularis
57409 serpulid worm
57409 serpulidae
75285 serripes groenlandicus
75286 serripes laperousii
75287 serripes notabilis
75284 serripes sp.
40050 sertularia robusta
40049 sertulariid hydroid
40049 sertulariidae unid.
69097 setose hermit
66548 sevenspine bay shrimp
71723 shady whelk
66512 shell shrimp
75381 shipworm unident.
83413 short spined brittle star
80598 short-spined henricia
66193 shortscale eualid
71763 shouldered whelk
71731 shrew whelk
66000 shrimp unident.
66009 sicyonia ingentis
43115 sicyonis sp. a (clark 2006)
66120 sidestripe shrimp
75267 siliqua alta
75266 siliqua patula
75264 siliqua sp.
72512 silvery topsnail
71762 simple whelk
72751 sinuous whelk
94000 sipuncula
66305 slender coastal shrimp
80561 slender pale henricia
42004 slender seawhips
91212 slender stalked sponge
66302 slenderbeak coastal shrimp
91096 slimy antler sponge
71640 slipper shell
71639 slippersnails
66546 smooth crangon
91227 smooth green sponge
72805 smooth lamellaria
74333 smooth nutclam
91042 smooth scallop sponge
```

78012 smoothskin octopus

```
CODE NAME
42001 smoothstem seawhip
71001 snail eggs
71500 snail unident.
97115 snakeshead brachiopod
68580 snow crab
91062 soft brown sponge
41100 soft coral unident.
91088 soft finger sponge
75332 softshell
74552 solamen columbianum
72542 solariella micraulax
72544 solariella nuda
72541 solariella obscura
72545 solariella peramabilis
72540 solariella sp.
72546 solariella sp. a (clark & mclean)
72543 solariella varicosa
81064 solaster dawsoni
81061 solaster endeca
81066 solaster exiguus
81062 solaster hypothrissus
81080 solaster paxillatus
81060 solaster sp.
81067 solaster sp. a (clark 1997)
81063 solaster sp. b
81068 solaster sp. c (clark)
81069 solaster sp. d (clark)
81070 solaster sp. e (clark)
81071 solaster sp. f (clark)
81072 solaster sp. g (clark)
81065 solaster stimpsoni
74326 solemya reidi
74325 solemya sp.
70050 solengaster sp.
70050 solengaster unidentified
82680 spatangus californicus
68515 spider crab
68500 spider crabs unident.
99983 spiky ball sponge
50020 spinther alaskensis
50021 spinther sp. a (clark 2006)
99985 spiny ball sponge
80549 spiny henricia
66203 spiny lebbeid
80650 spiny red sea star
74107 spiny scallop
72395 spiny trophon
91052 spiny vase sponge
66815 spinyridge shrimp
```

```
CODE NAME
66161 spirontocaris arcuata
66163 spirontocaris lamellicornis
66168 spirontocaris ochotensis
66164 spirontocaris phippsii
66165 spirontocaris snyderi
66160 spirontocaris sp.
66167 spirontocaris sp. cf. lamellicornis
66166 spirontocaris spinus
69061 splendid hermit
66614 split-eye argid
66176 sponge eualid
69042 sponge hermit
91000 sponge unident.
66040 spot shrimp
91066 spud sponge
79002 squid eggs unident.
78005 squid or octopus unid. eggs
79000 squid unident.
78006 squid unident. egg
91071 staghorn sponge
91210 stalked ball sponge
91701 staurocalyptus sp.
77102 stearns toothshell
60107 stegocephalus inflatus
83340 stegophiura ponderosa
91105 stelletta sp.
91237 stelodoryx alaskensis
44052 stenohelia sp.
70151 stenosemus sharpii
80250 stephanasterias albula
58501 sternaspis sp.
69096 stevens hermit crab
79513 stigmatoteuthis dofleini
66304 stiletto coastal shrimp
43032 stomphia coccinea
43029 stomphia didemon
43030 stomphia sp.
69250 stone crab unident.
91105 stone sponge
44000 stony coral unident.
66509 stout crangon
74653 stout cyclocardia
74440 stout nutclam
59111 striped sea leech
81065 striped sun sea star
82510 strongylocentrotus droebachiensis
82515 strongylocentrotus echinoides
82520 strongylocentrotus franciscanus
82526 strongylocentrotus pallidus
```

CODE NAME 82522 strongylocentrotus polyacanthus 82525 strongylocentrotus purpuratus 82511 strongylocentrotus sp. 82527 strongylocentrotus sp. a 82528 strongylocentrotus sp. b 71022 stubby frond-aeolis 98082 styela rustica 98080 styela sp. 98083 styela sp. a (clark 2006) 98084 styela sp. b (clark 2006) 44050 stylantheca pterograpta 58504 stylaroides plumosa 44045 stylaster alaskanus 44032 stylaster brochi 44037 stylaster campylecus 44033 stylaster cancellatus 44034 stylaster elassotomus 44039 stylaster moseleyana 44035 stylaster polyorchis 44030 stylaster sp. 44048 stylaster sp. a (clark 2006) 44053 stylaster sp. b (clark 2006) 44046 stylaster stejnegeri 44047 stylaster venustus 44031 stylaster verrilli 80170 stylasterias forreri 80171 stylasterias sp. 44028 stylasterid corals 44028 stylasteridae unid. 44029 stylasterina 42005 stylatula gracile 42004 stylatula sp. 91086 stylissa sp. 91211 stylocordyla borealis 91212 stylocordyla eous 91213 stylocordyla sp. 72030 suavodrillia kennicotti 91020 suberites domuncula 91016 suberites ficus 91018 suberites montiniger 91015 suberites sp. 91017 suberites sp. a (clark 2006) 74802 suborbicular kellyclam 41605 sugar coral 71901 sulcated whelk 71702 sulcosinus sp. a (mclean & clark) 71901 sulcosinus taphrius 91061 sulfur sponge 80160 sunflower sea star

```
CODE NAME
85120 sweet sea potato
80602 swift's sea star
41573 swiftia beringi
41571 swiftia pacifica
41572 swiftia simplex
41570 swiftia sp.
43032 swimming anemone
85310 swimming sea cucumber
72747 swollen whelk
85290 synallactes challengeri
85289 synallactes sp.
85287 synallactes sp. a (clark 2006)
62021 synidotea sp.
98320 synoicum sp.
66875 systellaspis braueri
71822 tabled whelk
71634 tachyrhynchus erosus
71635 tachyrhynchus reticulatus
71631 tachyrhynchus sp.
44005 tan trumpet coral
79001 taningia danae
68560 tanner crab
68541 tanner crab unident.
79440 taoniinae
79442 taonius pavo
80190 tarsaster alaskanus
72515 tegula pulligo
75206 tellina bodegensis
75202 tellina carpenteri
75205 tellina lutea
75204 tellina modesta
75203 tellina nuculoides
75201 tellina sp.
68781 telmessus cheiragonus
43090 tentacle-shedding anemone
91125 tentorium semisuberites
97110 terebratalia transversa
97100 terebratulina sp.
97115 terebratulina unquicula
75381 teredinidae
91069 tethya sp.
99985 tetilla sigmoanchoratum
99986 tetilla sp.
99983 tetilla sp. a (clark 2006)
99984 tetilla sp. b (clark 2006)
98070 thaliacea
65208 thatched barnacle
98072 thetys vagina
74654 thick carditid
```

```
CODE NAME
44053 thick lamellar hydrocoral
83412 thick spined brittle star
71775 thick-cord whelk
71013 thick-horned aeolid
71726 thick-ribbed whelk
71721 thin-ribbed whelk
65100 thoracica
69555 thorny pinch bug
80520 thorny sea star
44087 thouarella sp.
44071 thouarella sp. 1 (bayer et al.)
44072 thouarella sp. 2 (bayer et al.)
44073 thouarella sp. 3 (bayer et al.)
44074 thouarella sp. 4 (bayer et al.)
44075 thouarella superba
75340 thracia trapezoides
75223 threaded pandora
71759 threaded whelk
72778 three-ribbed chestnut whelk
72769 three-ribbed whelk
81370 thrissacanthias penicillatus
71406 thumbnails
85260 thylonidium sp.
71012 tochuina tetraquetra
70134 tonicella chitons
70135 tonicella insignis
70134 tonicella sp.
72380 torellia ammonia
72382 torellia lineata
72381 torellia sp.
66173 townsend eualid
69050 townsend hermit crab
72785 transect whelk
98002 transparent tunicate
50221 travisia pupa
91040 tree sponge
74439 trenched nutclam
75103 tresus capax
75102 tresus nuttallii
68570 triangle tanner crab
72300 trichotropidae
72305 trichotropis bicarinata
72302 trichotropis borealis
72306 trichotropis cancellata
72307 trichotropis conica
72303 trichotropis insignis
72308 trichotropis sp.
72301 trichotropis sp. 1 (clark & mclean)
98321 trididemnum opacum
```

```
CODE NAME
74644 tridonta rollandi
71050 triopha catalinae
71030 tritonia diomedea
71026 tritonia festiva
71025 tritonia sp.
72510 trochid unident.
75333 truncate softshell
50010 tube worm unident.
95090 tubiporella sp.
92511 tubulanus polymorphus
92512 tubulanus sp. a (clark 2006)
91998 tubular sponge morphotype
71764 tulip whelk
43121 tumbling anemone
80546 tumid sea star
98000 tunicate unident.
72749 turban whelk
40040 turbulariid hydroids
40040 turbulariidae
72058 turrid snails
72058 turridae
71636 turritella sp.
69327 turtle crab
91125 two nipple sponge
71779 two-channeled beringius
72305 two-keel hairysnail
72779 two-ribbed chestnut whelk
72768 two-ribbed whelk
66515 twospine crangon
83400 ubiquitous brittle star
44048 undulate hydrocoral
72821 unique whelk
99997 unsorted catch and debris
99999 unsorted shab
69655 upogebia pugettensis
80030 urasterias lincki
43044 urticina columbiana
43041 urticina coriacea
43042 urticina crassicornis
43043 urticina lofotensis
43040 urticina sp.
60121 uschakoviella echinophora
60120 uschakoviella sp.
60122 uschakoviella sp. 1 (clark 2006)
74482 vaginated limops
78502 vampire squid
78502 vampyroteuthis infernalis
97117 vancouver lampshell
74171 vancouver scallop
```

```
CODE NAME
72543 varicose solarelle
71548 variegate amphissa
91710 vase sponge
91005 vase sponge unident.
40060 velella velella
72803 velutina conica
72801 velutina nana
72802 velutina plicatilis
72804 velutina prolongata
72810 velutina rubra
72806 velutina sp.
72807 velutina sp. a (clark & mclean)
72808 velutina sp. b (clark & mclean)
72809 velutina sp. c (clark & mclean)
72800 velutina undata
72805 velutina velutina
80710 vermilion sea star
69551 verrill pinch bug
74712 vesicomya pacifica
74551 vilasina seminuda
42001 virgularia sp.
42003 virgulariidae
71760 volute whelk
71798 volutharpa ampullacea
72795 volutomitra alaskana
72787 volutomitra sp.
72796 volutomitra sp. a (clark & mclean)
72788 volutomitra sp. b (clark & mclean)
71739 volutopsius attenuatus
71895 volutopsius callorhinus
71760 volutopsius castaneus
71759 volutopsius filosus
71756 volutopsius fragilis
71764 volutopsius middendorffii
71766 volutopsius pallidus
71757 volutopsius regularis
71762 volutopsius simplex
71750 volutopsius sp.
71767 volutopsius sp. a (mclean & clark)
71768 volutopsius sp. b (mclean & clark)
71746 volutopsius sp. c (clark & mclean)
71745 volutopsius sp. d (clark & mclean)
71751 volutopsius sp. eggs
71763 volutopsius stefanssoni
71765 volutopsius trophonius
91121 vulcanella sp.
91120 vulcanella sp. 1
71753 warped whelk
75020 washington clam
```

CODE NAME 72800 wavy lamellaria 75092 wavy liocyma 72745 wavy whelk 91017 wax sponge 74120 weathervane scallop 91112 weberella bursa 71700 whelk unident. 73351 white chalice-bubble 91031 white claypipe sponge 91215 white convoluted sponge 80536 white henricia 71596 white lamellarid 71810 white neptune 71260 white night doris 81093 white rose star 74103 white scallop 82526 white sea urchin 40036 white tangled hydroid 75244 white-sand macoma 69082 whiteknee hermit 85220 whitescaled sea cucumber 69110 widehand hermit crab 71586 widemouth lamellaria 72407 winged trophon 50001 worm unident. 71546 wrinkled amphissa 69312 wrinkled crab 81320 wrinkled star 98207 wrinkled tunicate 68065 xanthidae 75372 xylophaga californica 91077 yellow bowl sponge 68012 yellow cancer crab 41576 yellow gorgonian 91080 yellow green papillate sponge 91068 yellow leafy sponge 91081 yellow papillate sponge 82751 yellow sea lily 71015 yellow-edged cadlina 66033 yellowleg pandalid 78021 yellowring octopus 74420 yoldia hyperborea 74415 yoldia montereyensis 74417 yoldia myalis 74416 yoldia seminuda 74414 yoldia sp. 74419 yoldia thraciaeformis 74425 yoldiella sp.

43225 zoanthus sp.

CODE	NAME
82035	zoroaster evermanni
82060	zoroaster ophiurus
82030	zoroasteridae

```
00001 - 36999
                  PISCES (FISH)
00005 - 00149
                  CLASS AGNATHA (JAWLESS FISHES)
00006 - 00099
                  PETROMYZONTIDAE
00100 - 00149
                  MYXINIDAE
00150 - 39999
                  SUPERCLASS GNATHOSTOMATA (JAWED FISHES)
00150 - 00799
                  CLASS CHONDRICHTHYES
00150 - 00399
                  SUBCLASS ELASMOBRANCHII
00170 - 00179
                  HETERODONTIDAE
00180 - 00199
                  ALOPIIDAE
00200 - 00219
                  SCYLIORHINIDAE
00220 - 00229
                  HEXANCHIDAE
00230 - 00249
                  LAMNIDAE
00250 - 00259
                  SQUATINIDAE
00300 - 00329
                  SQUALIDAE
00330 - 00359
                  CARCHARHINIDAE
00400 - 00499
                  RAJIDAE
00500 - 00549
                  RHINOBATIDAE
00550 - 00599
                  DASYATIDAE
00600 - 00619
                  TORPEDINIDAE
00650 - 00659
                  MYLIOBATIDIDAE
00700 - 00799
                  CHIMAERIDAE
10000 - 39999
                  CLASS OSTEICHTHYES
10000 - 19999
                  ORDER PLEURONECTIFORMES (FLATFISH)
10003 - 10099
                  BOTHIDAE
10100 - 10399
                  PLEURONECTIDAE
10400 - 10410
                  CYNOGLOSSIDAE
20000 - 39999
                  ROUNDFISH
20000 - 20099
                  AGONIDAE
20100 - 20199
                  ALEPOCEPHALIDAE
20200 - 20215
                  AMMODYTIDAE
20300 - 20399
                  ANARHICHADIDAE
20400 - 20449
                  ANOPLOGASTERIDAE
20450 - 20499
                  GOBIESOCIDAE
20500 - 20539
                  ANOPLOPOMATIDAE
20540 - 20559
                  AULORHYNCHIDAE
20570 - 20574
                  ARGENTINIDAE
20575 - 20579
                  ATHERINIDAE
20600 - 20613
                  ENGRAULIDAE
20614 - 20669
                  BATHYLAGIDAE
20700 - 20749
                  BATHYMASTERIDAE
20750 - 20775
                  URANOSCOPIDAE
20800 - 20839
                  BATRACHOIDIDAE
20840 - 20849
                  BRAMIDAE
20850 - 20859
                  MALACANTHIDAE
20870 - 20879
                  BATHYLACONIDAE
20900 - 20910
                  OPHIDIIDAE
20920 - 20930
                  BYTHITIDAE
20950 - 20959
                  CARANGIDAE
20970 - 20979
                  MELANOCETIDAE
20980 - 20989
                  CERATIIDAE
20990 - 20999
                  CETOMIMIDAE
21000 - 21099
                  CHAULIODONTIDAE
21100 - 21199
                 CLUPEIDAE
21200 - 21299
                 MACROURIDAE
```

```
21300 - 21449
                  COTTIDAE
21480 - 21499
                  SERRANIDAE
21500 - 21540
                  EMBIOTOCIDAE
21590 - 21594
                  TRICHODONTIDAE
21595 - 21599
                  CHIASMODONTIDAE
21700 - 21749
                 ORDER GADIFORMES
21700 - 21725
                 GADIDAE
                                        (SEE ALSO 21734)
21726 - 21733
                 MORIDAE
21734 - 21749
                 GADIDAE (CONT'D FROM 21725)
21750 - 21759
                  GASTEROSTEIDAE
21760 - 21769
                  SYNGNATHIDAE
21770 - 21790
                 GOBIIDAE
21800 - 21819
                  GONOSTOMATIDAE
21820 - 21828
                  STERNOPTYCHIDAE
21829 - 21844
                  PHOTICHTHYIDAE
21845 - 21853
                  STOMIIDAE
21900 - 21935
                 HEXAGRAMMIDAE
21936 - 21937
                  ZANIOLEPIDIDAE
22010 - 22011
                  ICOSTEIDAE
22110 - 22115
                  IDIACANTHIDAE
22120 - 22129
                 KYPHOSIDAE
22130 - 22139
                 LABRIDAE
22170 - 22199
                 CYCLOPTERIDAE (CYCLOPTERINAE)
22200 - 22299
                 CYCLOPTERIDAE (LIPARIDINAE)
22300 - 22339
                 MELAMPHAEIDAE
22390 - 22399
                 OREOSOMATIDAE
22400 - 22449
                 MELANOSTOMIIDAE
22460 - 22469
                  CARISTIIDAE
22500 - 22550
                 MERLUCCIDAE
22570 - 22575
                 ANOTOPTERIDAE
22580 - 22589
                 MOLIDAE
22590 - 22599
                 NEOSCOPELIDAE
22600 - 22699
                 MYCTOPHIDAE
22700 - 22709
                 NEMICHTHYIDAE
22710 - 22715
                  CYEMIDAE
22720 - 22729
                  SERRIVOMERIDAE
22800 - 22899
                 NOTACANTHIDAE
22900 - 22949
                 ONEIRODIDAE
22950 - 22959
                 PARALEPIDAE
22960 - 22969
                 POMACENTRIDAE
23000 - 23099
                  OSMERIDAE
23200 - 23399
                  SALMONIDAE
23400 - 23449
                  SCIANIDAE
23450 - 23459
                  SPHYRAENIDAE
23500 - 23539
                  SCOMBRIDAE
23540 - 23559
                  EXOCOETIDAE
23560 - 23569
                  SCOMBERESOCIDAE
23600 - 23619
                  SCOPELARCHIDAE
23620 - 23630
                  NOTOSUDIDAE (SCOPELOSAURIDAE)
23650 - 23669
                 ALEPISAURIDAE
23700 - 23729
                 SEARSIIDAE
23780 - 23789
23780 - 23789 PTILICHTHYIDAE
23790 - 23799 CRYPTACANTHODIDAE
23800 - 23870
                STICHAEIDAE
```

```
23871 - 23890
                  PHOLIDIDAE
23900 - 23911
                  STROMATEIDAE
23914 - 23916
                  CENTROLOPHIDAE
23918 - 23921
                  TETRAGONURIDAE
23930 - 23939
                  TRACHIPTERIDAE
23940 - 23949
                  TRICHIURIDAE
23950 - 23959
                  ANGUILLIFORMES
23960 - 23969
                  OPISTHOPROCTIDAE
24000 - 24002
                  ZAPRORIDAE
24100 - 24395
                  ZOARCIDAE
24400 - 24409
                  CLINIDAE
24410 - 24499
                  LABRISOMIDAE
25100 - 25199
                  ACIPENSERIDAE
26050 - 26069
                  MALACOSTEIDAE
27000 - 27019
                  TETRAODONTIDAE
27020 - 27021
                  LAMPRIDAE
27026 - 27027
                  REGALECIDAE
27028 - 27029
                  STYLEPHORIDAE
27030 - 27040
                  TRIGLIDAE
27050 - 27099
                  SYNODONTIDAE
28000 - 28019
                 NETTASTOMATIDAE
28020 - 28029
                  CONGRIDAE
28030 - 28039
                  OPHICHTHIDAE
28500 - 28599
                  PERCICHTHYIDAE
28600 - 28699
                  HAEMULIDAE
30000 - 36999
                  ROCKFISH
30000 - 31999
                  SCORPAENIDAE
37000 - 38999
                  MARINE BIRDS
39000 - 39999
                 MARINE MAMMALS
40000 - 99990
                 INVERTEBRATES
40001 - 44999
                 PHYLUM CNIDARIA (COELENTERATA)
40010 - 40499
                 CLASS HYDROZOA
40500 - 40999
                 CLASS SCYPHOZOA
40600 - 40699
                  ORDER LEPTOLIDA
41000 - 44999
                  CLASS ANTHOZOA
41100 - 41499
                  ORDER ALCYONACEA (SOFT CORALS)
41500 - 41999
                  ORDER GORGONACEA
42000 - 42999
                  ORDER PENNATULACEA (SEA PENS)
43000 - 43999
                  ORDER ACTINIARIA (SEA ANEMONES)
44000 - 44499
                  ORDER MADREPORARIA (STONY CORALS)
44500 - 44749
                  ORDER ZOANTHIDEA
44750 - 44889
                  ORDER CERIANTHARIA
44890 - 44999
                  ORDER ANTIPATHERIA (BLACK CORALS)
45000 - 49999
                  PHYLUM CTENOPHORA (COMB JELLIES)
50000 - 59999
                  PHYLUM ANNELIDA
50000 - 59099
                  CLASS POLYCHAETA
50050 - 50090
                  AMPHARETIDAE
50100 - 50129
                  OWENIIDAE
50130 - 50159
                  AMPHINOMIDAE
50160 - 50259
                  APHRODITIDAE
50260 - 50359
                 AREBELLIDAE
50360 - 50459
                 ARENICOLIDAE
                CAPITELLIDAE
50460 - 50759
50760 - 50999
                CHAETOPTERIDAE
```

55700 - 55900 - 56300 - 56800 - 57000 - 57200 - 57400 - 57500 - 57700 - 58000 -	51349 51699 52299 52699 53199 53399 53499 53699 54599 54599 55699 55699 56299 56799 56799 57199 57399 57499	CHRYSOPETALIDAE CIRRATULIDAE DORVILLEIDAE EUNICIDAE FLABELLIGERIDAE GLYCERIDAE GONIADIDAE LUMBRINERIDAE MALDANIDAE NEPHTYIDAE NEREIDAE ONUPHIDAE OPHELIIDAE ORBINIIDAE PECTINARIIDAE PHYLLODOCIDAE PHYLLODOCIDAE POLYNOIDAE SABELLARIDAE SABELLIDAE SCALIBREGMIDAE SIGALIONIDAE SYLLIDAE TEREBELLIDAE			
59100 -	59999 69999	CLASS HIRUDINEA PHYLUM ARTHROPODA			
	61999	ORDER AMPHIPODA			
	62999	ORDER ISOPODA			
63000 -	63499	ORDER CUMACEA			
	63999	ORDER EUPHAUSIACEA			
	64499	ORDER MYSIDACEA			
	64999	CLASS COPEPODA			
	65499	CLASS CIRREPEDIA			
66000 -	69999	ORDER DECAPODA			
	66017	SHRIMPS SECTION PENAEIDEA			
66001 -		SERGESTIDAE			
	66017	PENAEIDAE			
66018 -		SECTION CARIDEA			
	66109	PANDALIDAE			
66150 -	66499	HIPPOLYTIDAE			
66500 -	66749	CRANGONIDAE			
66750 -		PASAPHAEIDAE			
66800 -		OPLOPHORIDAE			
68000 -		CRABS	/ O.D.D.	7.7.00	CO 400)
68001 - 68010 -		INFRAORDER BRACHYURA CANCRIDAE	(SEE	ALSO	69400)
68070 -		PINNOTHERIDAE			
68100 -		CALAPPIDAE			
68500 -			(SEE	ALSO	69520)
68780 -					69400)
69000 -	69399	INFRAORDER ANOMURA			69550)
69010 -	69249	PAGURIDAE			

```
69250 - 69399
                              LITHODIDAE
69400 - 69549
                              INFRAORDER BRACHYURA (CONT'D FROM 68789)
69400 - 69401
                              ATELECYCLIDAE
                                                                 (CONT'D FROM 68789)
                          MAJIDAE
INFRAORDER A
GALATHEIDAE
AXIIDAE
69520 - 69549
                                                                 (CONT'D FROM 68599)
                            INFRAORDER ANOMURA (CONT'D FROM 69399)
69550 - 69699
69550 - 69599
69600 - 69649
69650 - 69699
                           CALLIANASSIDAE
69900 - 69999 CLASS PYCNOGONIDA
70000 - 79999 PHYLUM MOLLUSCA
70005 - 70120 CLASS POLYPLACOPHORA (CHITONS)
70100 - 70120 ORDER NEOLORICATA
70105 - 70109 ACANTHOCHITONIDAE
70115 - 70120 MOPALIIDAE
71010 - 73999 CLASS GASTROPODA
71010 - 71499 ORDER NUDIBRANCHIA
71010 - 71011 ONCHIDORIDAE
71012 - 71017 TRITONIIDAE
71018 - 71024 DENDRONOTIDAE
71025 - 71030 TRITONIIDAE (CONT'
71031 - 71050
                                                                (SEE ALSO 71025)
                              TRITONIIDAE (CONT'D FROM 71017)
                           TRIOPHIDAE
 71031 - 71050
                           ARMINIDAE
 71080 - 71085
71100 - 71110 DIRONIDAE

71151 - 71159 POLYCERIDAE

71200 - 71204 CORYPHELLIDAE

71205 - 71210 AEOLIDIIDAE

71230 - 71239 DISCODORIDIDAE
 71250 - 71254
                             DORIDIDAE
71250 - 71254
71255 - 71269
ARCHIDORIDIDAE
71290 - 71299
ORDER NOTASPIDEA
71290 - 71294
PLEUROBRANCHAEIDAE
71300 - 71499
ORDER ARCHAEGASTROPODA (SEE ALSO 72510)
HALIOTIDAE
71400 - 71410
ACMAEIDAE
 71500 - 72509
                             ORDERS MEGA- & NEOGASTROPODA (SNAILS)
71502 - 71509
71510 - 71539
71540 - 71549
71570 - 71584
71585 - 71589
                             EULIMIDAE
                             NATICIDAE
                                                 (SEE ALSO 71570)
                             MURICIDAE
                                                 (SEE ALSO 72400)
                             NATICIDAE (CONT'D FROM 71539)
                             LAMELLARIIDAE (SEE ALSO 72800)
 71590 - 71599
                             EPITONIIDAE
 71630 - 71639
                              TURRITELLIDAE
 71640 - 71689
                              CALYPTRAEIDAE
71700 - 71999
                              BUCCINIDAE (SEE ALSO 72740)
 72000 - 72189
                              TURRIDAE
 72300 - 72379
                              TRICHOTROPIDAE
 72400 - 72429
                              MURICIDAE (CONT'D FROM 71549)
72740 - 73199 ORDER NEOGASTROPODA (CONT'D FROM 71 TROCHIDAE ORDER NEOGASTROPODA (CONT'D FROM 72509)
72740 - 72789 BUCCINIDAE (CONT'D FROM 71999)
72790 - 72794 VOLUTIDAE VOLUTOMITETET
                              ORDER ARCHAEOGASTROPODA (CONT'D FROM 71499)
```

```
72800 - 72899
                                    LAMELLARIIDAE (CONT'D FROM 71589)
73020 - 73029
                                   NASSARIIDAE
73100 - 73110
                                 COLUMBELLIDAE
73140 - 73149
                                OLIVIDAE
73140 - 73149 OLIVIDAE

73180 - 73189 CANCELLARIIDAE

73220 - 73229 ORDER PYRAMIDELLOIDA

73220 - 73229 PYRAMIDELLIDAE
73220 - 73229 PIRAMIDELLIDAE

73300 - 73359 ORDER CEPHALASPIDEA

73300 - 73309 SCAPHANDRIDAE

73350 - 73359 CYLICHNIDAE

73500 - 73559 ORDER THECOSOMATA

74000 - 75799 CLASS BIVALVIA (=PELECYPODA)

74020 - 74049 ORDER SOLEMYOIDA

74020 - 74029 SOLEMYIDAE
74020 - 74029 SOLEMITORE
74050 - 74089 ORDER MYTILOIDA (SEE ALSO 74550)
74050 - 74082 MYTILIDAE (SEE ALSO 74550)
74090 - 74179 ORDER OSTREOIDA (SEE ALSO 75600)
74090 - 74094 OSTREIDAE
74100 - 74174 PECTINIDAE
74175 - 74199 PROPEAMUSSIIDAE
74300 - 74329
                                 ORDER MYOIDA
                                                                              (SEE ALSO 75330)
74300 - 74329
74300 - 74329
74300 - 74329
HIATELLIDAE
74330 - 74440
ORDER NUCULOIDA
74330 - 74345
NUCULIDAE
74400 - 74440
NUCULANIDAE
74470 - 74479
GLYCYMERIDIDAE
74470 - 74479
TMORETRAE
74480 - 74489
                                  LIMOPSIDAE
74480 - 74489

74490 - 74499

74550 - 74569

74550 - 74569

74630 - 75379

74635 - 74649

74650 - 74669

74670

74689

CARDITIDAE

CARDITIDAE
74700 - 74709
                                 VESICOMYIDAE
74710 - 74809
                                 KELLIIDAE
74830 - 74839
                                MONTACUTIDAE
                              LUCINIDAE
THYASIRIDAE
CARDIIDAE
74850 - 74859
74905 - 74925
74980 - 74989
                                                                            (SEE ALSO 75280)
75015 - 75099
                                 VENERIDAE
75100 - 75119
                                 MACTRIDAE
75200 - 75249
                                  TELLINIDAE
75260 - 75269
                                SOLENIDAE
75280 - 75299 CARDIIDAE (CONT'D FROM 74989)
75300 - 75314 SEMELIDAE
75330 - 75379 ORDER MYOIDA (CONT'D FROM 74329)
75330 - 75339
                                 MYIDAE
75370 - 75379
                                PHOLADIDAE
TEREDINIDAE
ORDER PHOLADOMYOIDA
75380 - 75384
75385 - 75570
75385 - 75579 ORDER PHOLADOMY
75385 - 75389 PANDORIDAE
75405 - 75419 LYONSIIDAE
75420 - 75429 VERTICORDIIDAE
```

```
75460 - 75519
                                              THRACIIDAE
 75550 - 75579
                                             CUSPIDARIIDAE
75600 - 75629 ORDER OSTREOIDA (CONT'D FROM 74179)
75600 - 75619 ANOMIIDAE
77000 - 77299 CLASS SCAPHOPODA
77000 - 77020 ORDER DENTALIIDA
77005 - 77011 DENTALIIDAE
 77012 - 77019
                                            LAEVIDENTALIIDAE
777012 - 77019

77100 - 77110

77100 - 77110

77100 - 77105

78000 - 79599

78001 - 78009

78010 - 78499

78010 - 78039

78010 - 78039

78010 - 78039

78010 - 78039
                                                                                                     (SEE ALSO 78400)
78300 - 78359 BOLITAENIDAE
78400 - 78499 OCTOPODIDAE (CONT'D FROM 78039)
78500 - 78509 ORDER VAMPYROMORPHA
79000 - 79599 ORDER TEUTHOIDA
79020 - 79029 SEPIOLIDAE
79120 - 79129 LOLIGINIDAE
79200 - 79259
                                          GONATIDAE
79260 - 79269 OMMASTREPHIDAE
79300 - 79319 ONYCHOTEUTHIDIDAE
79350 - 79359 ENOPLOTEUTHIDAE
79400 - 79409 CHIROTEUTHIDAE
79440 - 79449 CRANCHIDAE
79500 - 79509 OCTOPODOTEUTHIDAE
79510 - 79519
                                          HISTIOTEUTHIDAE
79510 - 79519 HISTIOTEUTHIDAE

80000 - 85999 PHYLUM ECHINODERMATA

80000 - 82499 CLASS STELLEROIDEA (SEE ALSO 83000)

80000 - 82499 SUBCLASS ASTEROIDEA

80105 - 80499 ASTERIIDAE

80500 - 80599 ECHINASTERIDAE

80600 - 80799 GONIASTERIDAE
80800 - 80899
                                             LUIDIIDAE
80900 - 80999
81000 - 81299
                                          PORANIIDAE
81000 - 81299 SOLASTERIDAE
81300 - 81699 PTERASTERIDAE
81700 - 81759 PORCELLANASTERIDAE
81760 - 81809 GONIOPECTINIDAE
81810 - 81899 ASTROPECTINIDAE
81900 - 81989
                                             BENTHOPECTINIDAE
                                          BRISINGIDAE
81990 - 82029
82030 - 82109 ZOROASTERIDAE

82110 - 82159 PYTHONASTERIDAE

82500 - 82749 CLASS ECHINOIDEA

82500 - 82729 ORDER ECHINOIDA
82730 - 82749
                                             ORDER CLYPEASTROIDA
82750 - 82999 CLASS CRINOIDEA

83000 - 84999 CLASS STELLEROIDEA (CONT'D FROM 82499)

83000 - 84999 SUBCLASS OPHIUROIDEA

83000 - 83259 ORDER PHRYNOPHIURIDA

83005 - 83059 GORGONOCEPHALIDAE

83060 - 83109 ASTERONYCHIDAE
```

83600 - 83659 83660 - 83749 83800 - 83819 85000 - 85999 90000 - 90999 91000 - 91999 91010 - 91069 91700 - 91999 92000 - 92499 92000 - 92099 92020 - 92029 92500 - 92999 93100 - 93499 93500 - 93749 94000 - 94499 94500 - 94899 94900 - 94999 95000 - 95499 97000 - 97499	OPHIURIDAE OPHIURIDAE OPHIURIDAE OPHIOMYXIDAE OPHIACANTHIDAE AMPHIURIDAE OPHIURIDAE OPHIURIDAE OPHIURIDAE (CONT'D FROM 83519) CLASS HOLOTHUROIDEA PHYLUM PROTOZOA (FORAMINIFERANS) PHYLUM PORIFERA CLASS DEMOSPONGIA CLASS HEXACTINELLIDA PHYLUM PLATYHELMINTHES CLASS TURBELLARIA ORDER POLYCLADIDA PHYLUM RHYNCHOCOELA (NEMERTEANS) PHYLUM PRIAPULIDA PHYLUM NEMATODA PHYLUM SIPUNCULA PHYLUM SCHIURA PHYLUM PHORONIDA PHYLUM BRYOZOA PHYLUM BRACHIOPODA
	PHYLUM POGONOPHORA
98000 - 99909	
	CLASS ASCIDIACEA
	PHYLUM HEMICHORDATA
7777U - 77777	MISCELLANEOUS CATEGORIES

New Species Page

Temporary	code	Name
1001		
1002		
1003		
1004		
1005		
1006		
1007		
1008		
1009		
1010		
1011		
1012		
1013		
1014		
1015		
1016		
1017		
1018		
1019		
1020		
1021		
1022		
1023		
1024		
1025		
1020		