
Appendix 5: Common and Scientific Names of Species

The following is a listing of common and scientific names of fish, shellfish, marine mammals, and sea turtles found in Units 1–24. This listing is included for reference purposes only and is not all-inclusive.

Unit 1: Northeast Demersal Fisheries

Principal Groundfish

Acadian redfish, *Sebastes fasciatus*
American plaice, *Hippoglossoides platessoides*
Atlantic cod, *Gadus morhua*
Atlantic halibut, *Hippoglossus hippoglossus*
Haddock, *Melanogrammus aeglefinus*
Ocean pout, *Zoarces americanus*
Pollock, *Pollachius virens*
Red hake, *Urophycis chuss*
Silver hake (whiting), *Merluccius bilinearis*
White hake, *Urophycis tenuis*
Windowpane, *Scophthalmus aquosus*
Winter flounder, *Pseudopleuronectes americanus*
Witch flounder, *Glyptocephalus cynoglossus*
Yellowtail flounder, *Limanda ferruginea*

Dogfish and Skates

Smooth dogfish, *Mustelus canis*
Spiny dogfish, *Squalus acanthias*
Skates

Barndoor skate, *Dipturus laevis*
Clearnose skate, *Raja eglanteria*
Little skate, *Leucoraja erinacea*
Rosette skate, *Leucoraja garmani*
Smooth skate, *Malacoraja senta*
Thorny skate, *Amblyraja radiata*
Winter skate, *Leucoraja ocellata*

Other Finfish

Atlantic hagfish, *Myxine glutinosa*
Black sea bass, *Centropristis striata*
Cusk, *Brosme brosme*
Goosefish (monkfish), *Lophius americanus*
Scup, *Stenotomus chrysops*
Spot, *Leiostomus xanthurus*
Summer flounder, *Paralichthys dentatus*
Tilefish, *Lopholatilus chamaeleonticeps*
Weakfish, *Cynoscion regalis*
Wolffishes, *Anarhichas* spp.

Unit 2: Northeast Pelagic Fisheries

Atlantic herring, *Clupea harengus*
Atlantic mackerel, *Scomber scombrus*
Bluefish, *Pomatomus saltatrix*
Butterfish, *Peprilus triacanthus*

Unit 3: Atlantic Anadromous Fisheries

American shad, *Alosa sapidissima*
Atlantic salmon, *Salmo salar*
Atlantic sturgeon, *Acipenser oxyrinchus oxyrinchus*
Hickory shad, *Alosa mediocris*
Rainbow smelt, *Osmerus mordax*
River herring
Alewife, *Alosa pseudoharengus*
Blueback herring, *Alosa aestivalis*
Sea lamprey, *Petromyzon marinus*
Shortnose sturgeon, *Acipenser brevirostrum*
Striped bass, *Morone saxatilis*

Unit 4: Northeast Invertebrate Fisheries

American lobster, *Homarus americanus*

Atlantic surfclam, *Spisula solidissima*
Longfin inshore squid, *Loligo pealeii*
Northern shortfin squid, *Illex illecebrosus*
Northern shrimp, *Pandalus borealis*
Ocean quahog (mahogany clam), *Arctica islandica*
Red deepsea crab, *Chaceon quinquedens*
Sea scallop, *Placopecten magellanicus*

Unit 5: Atlantic Highly Migratory Pelagic Fisheries

Albacore, *Thunnus alalunga*
Bigeye tuna, *Thunnus obesus*
Blue marlin, *Makaira nigricans*
Bluefin tuna, *Thunnus thynnus*
Longbill spearfish, *Tetrapturus pfluegeri*
Sailfish, *Istiophorus platypterus*
Skipjack tuna, *Katsuwonus pelamis*
Swordfish, *Xiphias gladius*
White marlin, *Kajikia albidus*
Yellowfin tuna, *Thunnus albacares*
Other tunas, Family Scombridae

Unit 6: Atlantic Shark Fisheries

Large Coastal Sharks
Blacktip shark, *Carcharhinus limbatus*
Bull shark, *Carcharhinus leucas*
Great hammerhead, *Sphyrna mokarran*
Lemon shark, *Negaprion brevirostris*
Nurse shark, *Ginglymostoma cirratum*
Sandbar shark, *Carcharhinus plumbeus*
Scalloped hammerhead, *Sphyrna lewini*
Silky shark, *Carcharhinus falciformis*
Smooth hammerhead, *Sphyrna zygaena*
Spinner shark, *Carcharhinus brevipinna*
Tiger shark, *Galeocerdo cuvier*
Small Coastal Sharks
Atlantic sharpnose shark, *Rhizoprionodon terraenovae*
Blacknose shark, *Carcharhinus acronotus*
Bonnethead, *Sphyrna tiburo*
Finetooth shark, *Carcharhinus isodon*
Pelagic Sharks
Blue shark, *Prionace glauca*
Oceanic whitetip shark, *Carcharhinus longimanus*
Porbeagle, *Lamna nasus*
Shortfin mako, *Isurus oxyrinchus*
Thresher shark, *Alopias vulpinus*

Prohibited Shark Species

Atlantic angel shark, *Squatina dumeril*
Basking shark, *Cetorhinus maximus*
Bigeye sand tiger, *Odontaspis noronhai*
Bigeye sixgill shark, *Hexanchus nakamurai*
Bigeye thresher, *Alopias superciliosus*
Bignose shark, *Carcharhinus altimus*
Caribbean sharpnose shark, *Rhizoprionodon porosus*
Dusky shark, *Carcharhinus obscurus*
Galapagos shark, *Carcharhinus galapagensis*
Longfin mako, *Isurus paucus*
Narrowtooth shark, *Carcharhinus brachyurus*
Night shark, *Carcharhinus signatus*
Reef shark, *Carcharhinus perezii*
Sand tiger, *Carcharias taurus*
Sevengill shark, *Notorynchus cepedianus*
Sixgill shark, *Hexanchus griseus*
Smalltail shark, *Carcharhinus porosus*
Whale shark, *Rhincodon typus*
White shark, *Carcharodon carcharias*

Unit 7: Atlantic and Gulf of Mexico Coastal Pelagic Fisheries

Cero, *Scomberomorus regalis*
Cobia, *Rachycentron canadum*
Dolphinfish, *Coryphaena hippurus*
King mackerel, *Scomberomorus cavalla*
Spanish mackerel, *Scomberomorus maculatus*

Unit 8: Atlantic, Gulf of Mexico, and Caribbean Reef Fisheries

South Atlantic
Black sea bass, *Centropristis striata*
Gag, *Mycteroperca microlepis*
Goliath grouper, *Epinephelus itajara*
Nassau grouper, *Epinephelus striatus*
Red porgy, *Pagrus pagrus*
Red snapper, *Lutjanus campechanus*
Snowy grouper, *Epinephelus niveatus*
Tilefish, *Lopholatilus chamaeleonticeps*
Vermilion snapper, *Rhomboplites aurorubens*
Wreckfish, *Polyprion americanus*
Amberjacks
Greater amberjack, *Seriola dumerili*
Lesser amberjack, *Seriola fasciata*
Unclassified amberjacks, *Seriola* spp.

- Grunts
- Black grunt, *Haemulon bonariense*
 - Black margate, *Anisotremus surinamensis*
 - Bluestriped grunt, *Haemulon sciurus*
 - French grunt, *Haemulon flavolineatum*
 - Margate, *Haemulon album*
 - Pigfish, *Orthopristis chrysoptera*
 - Porkfish, *Anisotremus virginicus*
 - Sailors choice, *Haemulon parra*
 - Spanish grunt, *Haemulon macrostomum*
 - Tomtate, *Haemulon aurolineatum*
 - White grunt, *Haemulon plumierii*
 - Unclassified grunts, Family Haemulidae
- Other groupers
- Black grouper, *Mycteroperca bonaci*
 - Coney, *Cephalopholis fulva*
 - Graysby, *Cephalopholis cruentata*
 - Misty grouper, *Epinephelus mystacinus*
 - Red grouper, *Epinephelus morio*
 - Red hind, *Epinephelus gluttatus*
 - Rock hind, *Epinephelus adscensionis*
 - Scamp, *Mycteroperca phenax*
 - Speckled hind, *Epinephelus drummondhayi*
 - Tiger grouper, *Mycteroperca tigris*
 - Warsaw grouper, *Epinephelus nigritus*
 - Yellowedge grouper, *Epinephelus flavolimbatus*
 - Yellowfin grouper, *Mycteroperca venenosa*
 - Yellowmouth grouper, *Mycteroperca interstitialis*
 - Unclassified groupers, Family
- Serranidae
- Other porgies
- Jolthead porgy, *Calamus bajonado*
 - Knobbed porgy, *Calamus nodosus*
 - Littlehead porgy, *Calamus proridens*
 - Longspine porgy, *Stenotomus caprinus*
 - Saucereye porgy, *Calamus calamus*
 - Scup, *Stenotomus chrysops*
 - Spottail pinfish, *Diplodus holbrookii*
 - Whitebone porgy, *Calamus leucosteus*
 - Unclassified porgies, Family Sparidae
- Other sea basses
- Bank sea bass, *Centropristis ocyurus*
 - Rock sea bass, *Centropristis philadelphica*
- Other snappers
- Black snapper, *Apsilus dentatus*
 - Blackfin snapper, *Lutjanus buccanella*
 - Cubera snapper, *Lutjanus cyanopterus*
 - Gray (mangrove) snapper, *Lutjanus griseus*
 - Lane snapper, *Lutjanus synagris*
 - Mahogany snapper, *Lutjanus mahogoni*
 - Mutton snapper, *Lutjanus analis*
 - Queen snapper, *Etelis oculatus*
 - Schoolmaster, *Lutjanus apodus*
 - Silk snapper, *Lutjanus vivanus*
 - Yellowtail snapper, *Ocyurus chrysurus*
 - Unclassified snappers, Family Lutjanidae
- Other species
- Angelfishes, Family Pomacanthidae
 - Atlantic spadefish, *Chaetodipterus faber*
 - Blackline tilefish, *Caulolatilus cyanops*
 - Blueline tilefish, *Caulolatilus microps*
 - Gray triggerfish, *Balistes capriscus*
 - Great barracuda, *Sphyraena barracuda*
 - Hogfish, *Lachnolaimus maximus*
 - Ocean triggerfish, *Canthidermis sufflamen*
 - Queen triggerfish, *Balistes vetula*
 - Sheepshead, *Archosargus probatocephalus*
 - Other tilefishes, Family Malacanthidae
 - Other triggerfishes, Family Balistidae
- Caribbean
- Nassau grouper, *Epinephelus striatus*
- Grunts
- Bluestriped grunt, *Haemulon sciurus*
 - French grunt, *Haemulon flavolineatum*
 - Margate, *Haemulon album*
 - Tomtate, *Haemulon aurolineatum*
 - White grunt, *Haemulon plumierii*
 - Unclassified grunts, Family Haemulidae
- Other groupers
- Coney, *Cephalopholis fulva*
 - Graysby, *Cephalopholis cruentata*
 - Red hind, *Epinephelus guttatus*
 - Rock hind, *Epinephelus adscensionis*
 - Yellowfin grouper, *Mycteroperca venenosa*
 - Yellowmouth grouper, *Mycteroperca interstitialis*

- Unclassified groupers, Family
Serranidae
- Snappers
- Black snapper, *Apsilus dentatus*
 - Blackfin snapper, *Lutjanus buccanella*
 - Lane snapper, *Lutjanus synagris*
 - Mahogany snapper, *Lutjanus mahogoni*
 - Mutton snapper, *Lutjanus analis*
 - Queen snapper, *Etelis oculatus*
 - Schoolmaster, *Lutjanus apodus*
 - Silk snapper, *Lutjanus vivanus*
 - Vermilion snapper, *Rhomboplites aurorubens*
 - Yellowtail snapper, *Ocyurus chrysurus*
- Unclassified snappers, Family
Lutjanidae
- Other species
- Atlantic spadefish, *Chaetodipterus faber*
 - Bar jack, *Carangoides ruber*
 - Bigeye, *Priacanthus arenatus*
 - Bigeye scad, *Selar crumenophthalmus*
 - Black durgon, *Melichthys niger*
 - Black jack, *Caranx lugubris*
 - Blue parrotfish, *Scarus coeruleus*
 - Blue runner, *Caranx crysos*
 - Blue tang, *Acanthurus coeruleus*
 - Crevalle jack, *Caranx hippos*
 - Doctorfish, *Acanthurus chirurgus*
 - French angelfish, *Pomacanthus paru*
 - Gray angelfish, *Pomacanthus arcuatus*
 - Gray triggerfish, *Balistes capriscus*
 - Greater amberjack, *Seriola dumerili*
 - Hogfish, *Lachnolaimus maximus*
 - Honeycomb cowfish, *Acanthostracion polygonius*
 - Horse-eye jack, *Caranx latus*
 - Jolthead porgy, *Calamus bajonado*
 - Longspine squirrelfish, *Holocentrus rufus*
 - Lookdown, *Selene vomer*
 - Midnight parrotfish, *Scarus coelestinus*
 - Mutton hamlet, *Alphestes afer*
 - Ocean surgeon, *Acanthurus bahianus*
 - Ocean triggerfish, *Canthidermis sufflamen*
 - Porkfish, *Anisotremus virginicus*
 - Princess parrotfish, *Scarus taeniopterus*
 - Puddingwife, *Halichoeres radiatus*
 - Queen angelfish, *Holacanthus ciliaris*
 - Queen parrotfish, *Scarus vetula*
 - Rainbow parrotfish, *Scarus guacamaia*
 - Redband parrotfish, *Sparisoma aurofrenatum*
 - Redtail parrotfish, *Sparisoma chrysopteron*
 - Rock beauty, *Holacanthus tricolor*
 - Scrawled cowfish, *Acanthostracion quadricornis*
 - Sea bream, *Archosargus rhomboidalis*
 - Sheepshead porgy, *Calamus penna*
 - Smooth trunkfish, *Lactophrys triqueter*
 - Spanish hogfish, *Bodianus rufus*
 - Spotfin butterflyfish, *Chaetodon ocellatus*
 - Spotted goatfish, *Pseudupeneus maculatus*
 - Spotted trunkfish, *Lactophrys bicaudalis*
 - Squirrelfish, *Holocentrus adscensionis*
 - Stoplight parrotfish, *Sparisoma viride*
 - Striped parrotfish, *Scarus iseri*
 - Trunkfish, *Lactophrys trigonus*
 - Yellow goatfish, *Mulloidichthys martinicus*
 - Yellow jack, *Caranx bartholomaei*
 - Yellowtail parrotfish, *Sparisoma rubripinne*
- Gulf of Mexico
- Goliath grouper, *Epinephelus itajara*
 - Gray triggerfish, *Balistes capriscus*
 - Nassau grouper, *Epinephelus striatus*
 - Red grouper, *Epinephelus morio*
 - Red snapper, *Lutjanus campechanus*
 - Vermilion snapper, *Rhomboplites aurorubens*
- Amberjacks
- Almaco jack, *Seriola rivoliana*
 - Greater amberjack, *Seriola dumerili*
 - Lesser amberjack, *Seriola fasciata*
 - Unclassified amberjacks, *Seriola* spp.
- Grunts
- Bluestriped grunt, *Haemulon sciurus*
 - French grunt, *Haemulon flavolineatum*
 - White grunt, *Haemulon plumierii*
 - Unclassified grunts, Family Haemulidae
- Shallow groupers
- Black grouper, *Mycteroperca bonaci*
 - Gag, *Mycteroperca microlepis*
 - Red hind, *Epinephelus guttatus*
 - Rock hind, *Epinephelus adscensionis*

- Scamp, *Mycteroperca phenax*
 Speckled hind, *Epinephelus drummondhayi*
 Yellowfin grouper, *Mycteroperca venenosa*
- Other groupers
 Misty grouper, *Epinephelus mystacinus*
 Snowy grouper, *Epinephelus niveatus*
 Warsaw grouper, *Epinephelus nigritus*
 Yellowedge grouper, *Epinephelus flavolimbatus*
 Yellowmouth grouper, *Mycteroperca interstitialis*
 Unclassified groupers, Family Serranidae
- Other snappers
 Black snapper, *Apsilus dentatus*
 Blackfin snapper, *Lutjanus buccanella*
 Cubera snapper, *Lutjanus cyanopterus*
 Dog snapper, *Lutjanus jocu*
 Gray (mangrove) snapper, *Lutjanus griseus*
 Lane snapper, *Lutjanus synagris*
 Mahogany snapper, *Lutjanus mahogoni*
 Mutton snapper, *Lutjanus analis*
 Queen snapper, *Etelis oculatus*
 Schoolmaster, *Lutjanus apodus*
 Silk snapper, *Lutjanus vivanus*
 Yellowtail snapper, *Ocyurus chrysurus*
 Unclassified snappers, Family Lutjanidae
- Other species
 Angelfishes, Family Pomacanthidae
 Atlantic spadefish, *Chaetodipterus faber*
 Bank sea bass, *Centropristis ocyurus*
 Black sea bass, *Centropristis striata*
 Blackline tilefish, *Caulolatilus cyanops*
 Blueline tilefish, *Caulolatilus microps*
 Blue runner, *Caranx crysos*
 Crevalle jack, *Caranx hippos*
 Dash-dot goatfish, *Parupeneus barberinus*
 Great barracuda, *Sphyrna barracuda*
 Hogfish, *Lachnolaimus maximus*
 Jolthead porgy, *Calamus bajonado*
 Knobbed porgy, *Calamus nodosus*
 Littlehead porgy, *Calamus proridens*
 Longspine porgy, *Stenotomus caprinus*
- Ocean triggerfish, *Canthidermis sufflamen*
 Queen triggerfish, *Balistes vetula*
 Red porgy, *Pagrus pagrus*
 Rock sea bass, *Centropristis philadelphia*
 Sheepshead, *Archosargus probatocephalus*
 Tilefish, *Lopholatilus chamaeleonticeps*
 Whitebone porgy, *Calamus leucosteus*
 Other tilefishes, Family Malacanthidae
 Other triggerfishes, Family Balistidae
- Unit 9: Southeast Drum and Croaker Fisheries**
 Atlantic croaker, *Micropogonias undulatus*
 Black drum, *Pogonias cromis*
 Kingfishes (whiting), *Menticirrhus* spp.
 Red drum, *Sciaenops ocellatus*
 Sand seatrout, *Cynoscion arenarius*
 Silver seatrout, *Cynoscion nothus*
 Spot, *Leiostomus xanthurus*
 Spotted seatrout, *Cynoscion nebulosus*
 Weakfish (grey seatrout), *Cynoscion regalis*
 Other seatrouts, *Cynoscion* spp.
- Unit 10: Southeast Menhaden Fisheries**
 Atlantic menhaden, *Brevoortia tyrannus*
 Gulf menhaden, *Brevoortia patronus*
- Unit 11: Southeast and Caribbean Invertebrate Fisheries**
 Brown shrimp, *Farfantepenaeus aztecus*
 Caribbean spiny lobster, *Panulirus argus*
 Golden deepsea crab, *Chaceon fenneri*
 Pink shrimp, *Farfantepenaeus duorarum*
 Queen conch, *Strombus gigas*
 Rock shrimp, *Sicyonia brevirostris*
 Royal red shrimp, *Pleoticus robustus*
 Seabob shrimp, *Xiphopenaeus kroyeri*
 Soft corals (gorgonians and sea fans), Order Gorgonacea
 Stone crabs, *Menippe* spp.
 Stony corals, Order Scleractinia
 White shrimp, *Litopenaeus setiferus*
 Other conchs, *Strombus* spp.

Units 12 and 13: Pacific Coast and Alaska

Salmon Fisheries

Chinook salmon, *Oncorhynchus tshawytscha*
Chum salmon, *Oncorhynchus keta*
Coho salmon, *Oncorhynchus kisutch*
Pink salmon, *Oncorhynchus gorbuscha*
Sockeye salmon, *Oncorhynchus nerka*

Unit 14: Pacific Coast and Alaska Pelagic Fisheries

California market (opalescent inshore) squid,
Loligo opalescens
Jack mackerel, *Trachurus symmetricus*
Northern anchovy, *Engraulis mordax*
Pacific herring, *Clupea pallasii*
Pacific chub mackerel, *Scomber japonicus*
Pacific sardine, *Sardinops sagax*

Unit 15: Pacific Coast Groundfish Fisheries

Flatfish

Arrowtooth flounder, *Atheresthes stomias*
Dover sole, *Microstomus pacificus*
English sole, *Parophrys vetulus*
Petrale sole, *Eopsetta jordani*
Other flatfishes
Butter sole, *Isopsetta isolepis*
Curlfin sole, *Pleuronichthys decurrens*
Flathead sole, *Hippoglossoides elassodon*
Pacific sanddab, *Citharichthys sordidus*
Rex sole, *Glyptocephalus zachirus*
Rock sole, *Lepidopsetta bilineata*
Sand sole, *Psettichthys melanostictus*
Starry flounder, *Platichthys stellatus*

Rockfish

Black rockfish, *Sebastes melanops*
Blackgill rockfish, *Sebastes melanostomus*
Bocaccio, *Sebastes paucispinis*
Canary rockfish, *Sebastes pinniger*
Chilipepper, *Sebastes goodei*
Cowcod, *Sebastes levis*
Darkblotched rockfish, *Sebastes cramerii*
Longspine thornyhead, *Sebastolobus altivelis*
Pacific ocean perch, *Sebastes alutus*
Shortbelly rockfish, *Sebastes jordani*
Shortspine thornyhead, *Sebastolobus alascanus*
Splitnose rockfish, *Sebastes diploproa*
Widow rockfish, *Sebastes entomelas*
Yelloweye rockfish, *Sebastes ruberrimus*

Yellowtail rockfish, *Sebastes flavidus*

Other rockfishes

Aurora rockfish, *Sebastes aurora*
Bank rockfish, *Sebastes rufus*
Black-and-yellow rockfish, *Sebastes chrysomelas*
Blue rockfish, *Sebastes mystinus*
Bronzespotted rockfish, *Sebastes gilli*
Brown rockfish, *Sebastes auriculatus*
Calico rockfish, *Sebastes dallii*
California scorpionfish, *Scorpaena guttata*
Chameleon rockfish, *Sebastes phillipsi*
China rockfish, *Sebastes nebulosus*
Copper rockfish, *Sebastes caurinus*
Dusky rockfish, *Sebastes ciliatus*
Dwarf-red rockfish, *Sebastes rufinanus*
Flag rockfish, *Sebastes rubrivinctus*
Freckled rockfish, *Sebastes lentiginosus*
Gopher rockfish, *Sebastes carnatus*
Grass rockfish, *Sebastes rastrelliger*
Greenblotched rockfish, *Sebastes rosenblatti*
Greenspotted rockfish, *Sebastes chlorostictus*
Greenstriped rockfish, *Sebastes elongatus*
Halfbanded rockfish, *Sebastes semicinctus*
Harlequin rockfish, *Sebastes variegatus*
Honeycomb rockfish, *Sebastes umbrosus*
Kelp rockfish, *Sebastes atrovirens*
Mexican rockfish, *Sebastes macdonaldi*
Olive rockfish, *Sebastes serranoides*
Pink rockfish, *Sebastes eos*
Pinkrose rockfish, *Sebastes simulator*
Puget Sound rockfish, *Sebastes emphaeus*
Pygmy rockfish, *Sebastes wilsoni*
Quillback rockfish, *Sebastes maliger*
Redbanded rockfish, *Sebastes babcocki*
Redstripe rockfish, *Sebastes proriger*
Rosethorn rockfish, *Sebastes helvomaculatus*
Rosy rockfish, *Sebastes rosaceus*
Rougheye rockfish, *Sebastes aleutianus*
Semaphore rockfish, *Sebastes melanosema*
Sharpchin rockfish, *Sebastes zacentrus*

Shortraker rockfish, *Sebastes borealis*
 Silvergray rockfish, *Sebastes brevispinis*
 Speckled rockfish, *Sebastes ovalis*
 Squarespot rockfish, *Sebastes hopkinsi*
 Starry rockfish, *Sebastes constellatus*
 Stripetail rockfish, *Sebastes saxicola*
 Swordspine rockfish, *Sebastes ensifer*
 Tiger rockfish, *Sebastes nigrocinctus*
 Treefish, *Sebastes serriceps*
 Vermilion rockfish, *Sebastes miniatus*
 Yellowmouth rockfish, *Sebastes reedi*

Other groundfish

Cabezon, *Scorpaenichthys marmoratus*
 Lingcod, *Ophiodon elongatus*
 Pacific cod, *Gadus macrocephalus*
 Pacific hake (whiting), *Merluccius productus*
 Sablefish (blackcod), *Anoplopoma fimbria*
 Other groundfishes
 Big skate, *Raja binoculata*
 California skate, *Raja inornata*
 Kelp greenling, *Hexagrammos decagrammus*
 Leopard shark, *Triakis semifasciata*
 Longnose skate, *Raja rhina*
 Pacific flatnose, *Antimora microlepis*
 Pacific grenadier (rattail),
Coryphaenoides acrolepis
 Spiny dogfish, *Squalus acanthias*
 Spotted ratfish, *Hydrolagus collieri*
 Tope, *Galeorhinus galeus*

Unit 16: Western Pacific Invertebrate Fisheries

Aesop slipper lobster, *Scyllarides haanii*
 Bamboo corals, *Lepidisis olapa*, *Acanella* spp.
 Banded (Hawaiian) spiny lobster, *Panulirus marginatus*
 Black corals, *Antipathes dichotoma*, *A. grandis*,
Myriopathes ulex
 Blunt slipper lobster (ula-pāpapa), *Scyllarides squammosus*
 Gold corals, *Callogorgia gilberti*, *Calyptrophora*
 spp., *Gerardia* spp., *Narella* spp.
 Pink corals, *Corallium* spp.
 Pronghorn spiny lobster (‘ula hiwa), *Panulirus penicillatus*
 Sculptured mitten lobster (ula-pehu), *Parribaculus antarcticus*
 White telesto (invasive soft coral), *Carijoja riisei*

Unit 17: Western Pacific Bottomfish and Groundfish Fisheries

Bottomfish

Snappers, Family Lutjanidae
 Crimson jobfish (opakapaka),
Pristipomoides filamentosus
 Flame snapper (onaga), *Etelis coruscans*
 Green jobfish (uku), *Aprion virescens*
 Oblique-banded snapper (gindai),
Pristopomoides zonatus
 Ruby snapper (ehu), *Etelis carbunculus*
 Jacks, Family Carangidae
 Jacks (ulua), *Caranx* spp.
 White trevally (butaguchi),
Pseudocaranx dentex
 Groupers, Family Serranidae
 Hawaiian grouper (hapu’upu’u),
Epinephelus quernus
 Emperors, Family Lethrinidae
 Seamount groundfish
 Alfonsino, *Beryx splendens*
 North Pacific armorhead, *Pseudopentaceros wheeleri*
 Raftfish, *Hyperoglyphe japonica*

Unit 18: Pacific Highly Migratory Pelagic Fisheries

Tropical tunas

Bigeye tuna, *Thunnus obesus*
 Skipjack tuna, *Katsuwonus pelamis*
 Yellowfin tuna, *Thunnus albacares*

Temperate tunas

Albacore, *Thunnus alalunga*
 Pacific bluefin tuna, *Thunnus orientalis*

Billfish

Black marlin, *Istiompax indica*
 Blue marlin, *Makaira nigricans*
 Sailfish, *Istiophorus platypterus*
 Shortbill spearfish, *Tetrapturus angustirostris*
 Striped marlin, *Kajikia audax*
 Swordfish, *Xiphias gladius*

Oceanic sharks

Megamouth shark, *Megachasma pelagios*
 Mackerel sharks, Family Lamnidae
 Shortfin mako, *Isurus oxyrinchus*
 White shark, *Carcharodon carcharias*
 Requiem sharks, Family Carcharhinidae
 Blue shark, *Prionace glauca*
 Thresher sharks, Family Alopiidae

Bigeye thresher, *Alopias superciliosus*
Pelagic thresher, *Alopias pelagicus*
Thresher shark, *Alopias vulpinus*
Other migratory species
Dolphinfish (mahi mahi), *Coryphaena hippurus*
Wahoo, *Acanthocybium solandri*

Unit 19: Alaska Groundfish Fisheries

Pacific halibut, *Hippoglossus stenolepis*

Flatfish

Alaska plaice, *Pleuronectes quadrituberculatus*
Arrowtooth flounder, *Reinhardtius stomias*
Flathead sole, *Hippoglossoides elassodon*
Greenland halibut, *Reinhardtius hippoglossoides*
Northern rock sole, *Lepidopsetta polyxystra*
Rex sole, *Glyptocephalus zachirus*
Yellowfin sole, *Limanda aspera*

BSAI Other Flatfishes

Arctic flounder, *Pleuronectes glacialis*
Butter sole, *Isosetta isolepis*
Curlfin sole, *Pleuronichthys decurrens*
Deepsea sole, *Microstomus bathybius*
Dover sole, *Microstomus pacificus*
English sole, *Parophrys vetulus*
Longhead dab, *Limanda proboscidea*
Pacific sanddab, *Citharichthys sordidus*
Petrale sole, *Eopsetta jordani*
Rex sole, *Glyptocephalus zachirus*
Roughscale sole, *Clidoderma asperrimum*

Sakhalin sole, *Limanda sakhalinensis*
Sand sole, *Psettichthys melanostictus*
Slender sole, *Lyopsetta exilis*
Starry flounder, *Platichthys stellatus*

Gulf of Alaska Deepwater Flatfishes

Deepsea sole, *Microstomus bathybius*
Dover sole, *Microstomus pacificus*
Greenland halibut, *Reinhardtius hippoglossoides*

Gulf of Alaska Shallow Water Flatfishes

Alaska plaice, *Pleuronectes quadrituberculatus*
Butter sole, *Iopsetta isolepis*
C-O sole, *Pleuronichthys coenosus*
Curlfin sole, *Pleuronichthys decurrens*
English sole, *Parophrys vetulus*

Northern rock sole, *Lepidopsetta polyxystra*
Pacific sanddab, *Citharichthys sordidus*
Petrale sole, *Eopsetta jordani*
Rock sole, *Lepidopsetta bilineata*
Sand sole, *Psettichthys melanostictus*
Slender sole, *Lyopsetta exilis*
Speckled sanddab, *Citharichthys stigmaeus*
Starry flounder, *Platichthys stellatus*
Yellowfin sole, *Limanda aspera*

Rockfish

Northern rockfish, *Sebastes polyspinis*
Pacific ocean perch, *Sebastes alutus*
Rougheye rockfish, *Sebastes aleutianus*
Shortraker rockfish, *Sebastes borealis*
BSAI Other Rockfishes
Dark rockfish, *Sebastes ciliatus*
Dusky rockfish, *Sebastes variabilis*
Harlequin rockfish, *Sebastes variegatus*
Redbanded rockfish, *Sebastes babcocki*
Redstripe rockfish, *Sebastes proriger*
Sharpchin rockfish, *Sebastes zacentrus*
Shortspine thornyhead, *Sebastolobus alascanus*
Yelloweye rockfish, *Sebastes ruberrimus*

Gulf of Alaska Demersal Shelf Rockfishes

Canary rockfish, *Sebastes pinniger*
China rockfish, *Sebastes nebulosus*
Copper rockfish, *Sebastes caurinus*
Quillback rockfish, *Sebastes maliger*
Rosethorn rockfish, *Sebastes helvomaculatus*
Tiger rockfish, *Sebastes nigrocinctus*
Yelloweye rockfish, *Sebastes ruberrimus*

Gulf of Alaska Other Slope Rockfishes

Blackgill rockfish, *Sebastes melanostomus*
Bocaccio, *Sebastes paucispinis*
Chilipepper, *Sebastes goodei*
Darkblotched rockfish, *Sebastes crameri*
Greenstriped rockfish, *Sebastes elongatus*
Harlequin rockfish, *Sebastes variegatus*
Northern rockfish, *Sebastes polyspinis*
Pygmy rockfish, *Sebastes wilsoni*
Redbanded rockfish, *Sebastes babcocki*
Redstripe rockfish, *Sebastes proriger*
Sharpchin rockfish, *Sebastes zacentrus*

- Silvergray rockfish, *Sebastes brevispinis*
 Splitnose rockfish, *Sebastes diploproa*
 Stripetail rockfish, *Sebastes saxicola*
 Vermilion rockfish, *Sebastes miniatus*
 Yellowmouth rockfish, *Sebastes reedi*
- Gulf of Alaska Pelagic Shelf Rockfishes
 Dark rockfish, *Sebastes ciliatus*
 Dusky rockfish, *Sebastes variabilis*
 Widow rockfish, *Sebastes entomelas*
 Yellowtail rockfish, *Sebastes flavidus*
- Gulf of Alaska Thornyheads
 Longspine thornyhead, *Sebastolobus altivelis*
 Shortspine thornyhead, *Sebastolobus alascanus*
- Other Groundfish
 Atka mackerel, *Pleurogrammus monopterygius*
 Pacific cod, *Gadus macrocephalus*
 Sablefish (blackcod), *Anoplopoma fimbria*
 Walleye pollock, *Theragra chalcogramma*
- BSAI Other Species
 Pacific sleeper shark, *Somniosus pacificus*
 Salmon shark, *Lamna ditropis*
 Spiny dogfish, *Squalus acanthias*
 Antlered sculpin, *Enophrys dicerca*
 Arctic staghorn sculpin, *Gymnocanthus tricuspis*
 Armorhead sculpin, *Gymnocanthus galeatus*
 Banded Irish lord, *Hemilepidotus gilberti*
 Bigmouth sculpin, *Hemitripterus bolini*
 Blackfin sculpin, *Malacocottus kincaidi*
 Blacknose sculpin, *Icelus canaliculatus*
 Blob sculpin, *Psychrolutes phrictus*
 Bride sculpin, *Artediellus miacanthus*
 Broadfin sculpin, *Bolinia euryptera*
 Butterfly sculpin, *Melletes papilio*
 Crested sculpin, *Blepsias bilobus*
 Darkfin sculpin, *Malacocottus zonurus*
 Eyeshade sculpin, *Nautichthys pribilovius*
 Flabby sculpin, *Zesticelus profundorum*
 Fourhorn sculpin, *Myoxocephalus quadricornis*
 Great sculpin, *Myoxocephalus polyacanthocephalus*
 Grunt sculpin, *Rhamphocottus richardsonii*
 Highbrow (crescent-tail) sculpin, *Triglops metopias*
 Hookhorn sculpin, *Artediellus pacificus*
 Leister sculpin, *Enophrys lucasi*
 Longfin Irish lord, *Hemilepidotus zapus*
 Longfin sculpin, *Jordania zonope*
 Northern sculpin, *Icelinus borealis*
 Pacific staghorn sculpin, *Leptocottus armatus*
 Plain sculpin, *Myoxocephalus jaok*
 Purplegray sculpin, *Gymnocanthus detrisus*
 Red Irish lord, *Hemilepidotus hemilepidotus*
 Ribbed sculpin, *Triglops pingelii*
 Roughspine sculpin, *Triglops macellus*
 Roughskin sculpin, *Rastrinus scutigera*
 Sailfin sculpin, *Nautichthys oculo-fasciatus*
 Scaled sculpin, *Archistes biseriatus*
 Scalybreasted sculpin, *Triglops xenostethus*
 Scissortail sculpin, *Triglops forficatus*
 Slim sculpin, *Radulinus asprellus*
 Smoothcheek sculpin, *Eurymen gyrinus*
 Spatulate sculpin, *Icelus spatula*
 Spectacled sculpin, *Triglops scepticus*
 Spinyhead sculpin, *Dasycottus setiger*
 Sponge sculpin, *Thyriscus anoplus*
 Tadpole sculpin, *Psychrolutes paradoxus*
 Thorny sculpin, *Icelus spiniger*
 Threaded sculpin, *Gymnocanthus pistilliger*
 Uncinate sculpin, *Icelus uncinalis*
 Warty sculpin, *Myoxocephalus verrucosus*
 Wide-eye sculpin, *Icelus euryops*
 Yellow Irish lord, *Hemilepidotus jordani*
 Flapjack octopus, *Opisthoteuthis californiana*
 Giant octopus, *Enteroctopus dofleini*
 Pelagic octopus, *Japetella diaphana*
 Smoothskin octopus, *Benthoctopus leioderma*
 Spoonarm octopus, *Bathypolypus arcticus*
 Octopus *Benthoctopus oregonensis*

- Octopus *Graneledone boreopacifica*
 Berry armhook squid, *Gonatus berryi*
 Boreopacific armhook squid,
Gonatopsis borealis
 Clawed armhook squid, *Gonatus onyx*
 Fiery armhook squid, *Gonatus pyros*
 Flower vase jewel squid, *Histioteuthis*
hoylei
 Madokai armhook squid, *Gonatus*
madokai
 Magister armhook squid, *Berryteuthis*
magister magister
 Makko armhook squid, *Gonatopsis*
makko
 Minimal armhook squid, *Berryteuthis*
anonychus
 Robust clubhook squid, *Moroteuthis*
robusta
 North Pacific bobtail squid, *Rossia*
pacifica
 Squid *Belonella borealis*
 Squid *Chiroteuthis calyx*
 Squid *Cranchia scabra*
 Squid *Eogonatus tinro*
 Squid *Galiteuthis phyllura*
 Squid *Gonatus kamtschaticus*
 Alaska skate, *Bathyraja parmifera*
 Aleutian skate, *Bathyraja aleutica*
 Big skate, *Raja binoculata*
 Butterfly skate, *Bathyraja mariposa*
 Commander skate, *Bathyraja lindbergii*
 Deepsea skate, *Bathyraja abyssicola*
 Mud skate, *Bathyraja hubbsi*
 Okhotsk skate, *Bathyraja violacea*
 Roughshoulder skate, *Amblyraja badia*
 Roughtail skate, *Bathyraja trachura*
 Sandpaper (Bering) skate, *Bathyraja*
interrupta
 Whiteblotched skate, *Bathyraja*
maculata
 Whitebrow skate, *Bathyraja*
minispinosa
 Gulf of Alaska Other Species
 Pacific sleeper shark, *Somniosus*
pacificus
 Salmon shark, *Lamna ditropis*
 Spiny dogfish, *Squalus acanthias*
 Antlered sculpin, *Enophrys diceraus*
 Armorhead sculpin, *Gymnocanthus*
galeatus
 Bigmouth sculpin, *Hemitripterus bolini*
 Blackfin sculpin, *Malacocottus kincaidi*
 Blob sculpin, *Psychrolutes phrictus*
 Brightbelly sculpin, *Microcottus sellaris*
 Brown Irish lord, *Hemilepidotus*
spinosus
 Buffalo sculpin, *Enophrys bison*
 Crested sculpin, *Blepsias bilobus*
 Darkfin sculpin, *Malacocottus zonurus*
 Dusky sculpin, *Icelinus burchami*
 Eyeshade sculpin, *Nautichthys*
pribilovius
 Fourhorn sculpin, *Myoxocephalus*
quadricornis
 Frog sculpin, *Myoxocephalus stelleri*
 Frogmouth sculpin, *Icelinus oculatus*
 Great sculpin, *Myoxocephalus*
polyacanthocephalus
 Grunt sculpin, *Rhamphocottus*
richardsonii
 Hookear sculpins, *Artediellus* spp.
 Longfin sculpin, *Jordania zonope*
 Northern sculpin, *Icelinus borealis*
 Pacific staghorn sculpin, *Leptocottus*
armatus
 Plain sculpin, *Myoxocephalus jaok*
 Red Irish lord, *Hemilepidotus*
hemilepidotus
 Ribbed sculpin, *Triglops pingelii*
 Roughskin sculpin, *Rastrinus scutiger*
 Roughspine sculpin, *Triglops macellus*
 Sailfin sculpin, *Nautichthys*
oculofasciatus
 Scissortail sculpin, *Triglops forficatus*
 Silverspotted sculpin, *Blepsias cirrhosus*
 Slim sculpin, *Radulinus asprellus*
 Smoothcheek sculpin, *Eurymen gyrinus*
 Smoothhead sculpin, *Artedius lateralis*
 Spatulate sculpin, *Icelus spatula*
 Spectacled sculpin, *Triglops scepticus*
 Spinyhead sculpin, *Dasycottus setiger*
 Sponge sculpin, *Thyriscus anoplus*
 Spotfin sculpin, *Icelinus tenuis*
 Tadpole sculpin, *Psychrolutes paradoxus*
 Thorny sculpin, *Icelus spiniger*
 Threaded sculpin, *Gymnocanthus*
pistilliger

Threadfin sculpin, *Icelinus filamentosus*
 Warty sculpin, *Myoxocephalus verrucosus*
 Wide-eye sculpin, *Icelus euryops*
 Yellow Irish lord, *Hemilepidotus jordani*
 East Pacific red octopus, *Octopus rubescens*
 Flapjack octopus, *Opisthoteuthis californiana*
 Giant octopus, *Enteroctopus dofleini*
 North Pacific bigeye octopus, *Octopus californicus*
 Pelagic octopus, *Japetella diaphana*
 Smoothskin octopus, *Benthoctopus leioderma*
 Berry armhook squid, *Gonatus berryi*
 Boreal clubhook squid, *Onychoteuthis borealijaponicus*
 Clawed armhook squid, *Gonatus onyx*
 Fiery armhook squid, *Gonatus pyros*
 Flowervase jewel squid, *Histioteuthis hoylei*
 Madokai armhook squid, *Gonatus madokai*
 Magister armhook squid, *Berryteuthis magister magister*
 Makko armhook squid, *Gonatopsis makko*
 Minimal armhook squid, *Berryteuthis anonychus*
 Octopus squid, *Octopoteuthis deletron*
 Opalescent inshore squid, *Loligo opalescen*
 Robust clubhook squid, *Moroteuthis robusta*
 Vampire squid, *Vampyroteuthis infernalis*
 Squid *Chiroteuthis calyx*
 Squid *Cranchia scabra*
 Squid *Eogonatus tinro*
 Squid *Galiteuthis phyllura*
 Squid *Gonatus kamtschaticus*
 Alaska skate, *Bathyrāja parmifera*
 Aleutian skate, *Bathyrāja aleutica*
 Big skate, *Raja binoculata*
 Deepsea skate, *Bathyrāja abyssicola*
 Longnose skate, *Raja rhina*
 Roughshoulder skate, *Amblyrāja badia*
 Roughtail skate, *Bathyrāja trachura*

Sandpaper (Bering) skate, *Bathyrāja interrupta*
 Whiteblotched skate, *Bathyrāja maculata*

Unit 20: Alaska Shellfish Fisheries

King Crabs

Blue king crab, *Paralithodes platypus*
 Golden (brown) king crab, *Lithodes aequispinus*
 Red king crab, *Paralithodes camtschaticus*
 Scarlet king crab, *Lithodes couesi*

Snow and Tanner Crabs

Grooved Tanner crab, *Chionoecetes tanneri*
 Snow crab, *Chionoecetes opilio*
 Southern Tanner crab, *Chionoecetes bairdi*
 Triangle Tanner crab, *Chionoecetes angulatus*

Other Shellfishes

Pink shrimp, *Farfantepenaeus duorarum*
 Sea snails, Class Gastropoda
 Other shrimps, Family Penaeidae

Unit 21: Marine Mammals of the Alaska Region

Seals and Sea Lions

Bearded seal, *Erignathus barbatus*
 Harbor seal, *Phoca vitulina*
 Northern fur seal, *Callorhinus ursinus*
 Ribbon seal, *Histiophoca fasciata*
 Ringed seal, *Pusa hispida*
 Spotted seal, *Phoca largha*
 Steller sea lion, *Eumetopias jubatus*

Whales and Porpoises

Baird's beaked whale, *Berardius bairdii*
 Beluga whale, *Delphinapterus leucas*
 Bowhead whale, *Balaena mysticetus*
 Common dolphin, *Delphinus delphis*
 Cuvier's beaked whale, *Ziphius cavirostris*
 Dall's porpoise, *Phocoenoides dalli*
 Fin whale, *Balaenoptera physalus*
 Gray whale, *Eschrichtius robustus*
 Harbor porpoise, *Phocoena phocoena*
 Humpback whale, *Megaptera novaeangliae*
 Killer whale, *Orcinus orca*
 Minke whale, *Balaenoptera acutorostrata*
 North Pacific right whale, *Eubalaena japonica*
 Pacific white-sided dolphin, *Lagenorhynchus obliquidens*

Sperm whale, *Physeter catodon*
Stejneger's beaked whale, *Mesoplodon*
stejnegeri
Other Marine Mammals (USFWS jurisdiction)
Polar bear, *Ursus maritimus*
Sea otter, *Enhydra lutris*
Walrus, *Odobenus rosmarus*

Unit 22: Marine Mammals of the Pacific Region and Hawaii

Seals and Sea Lions
California sea lion, *Zalophus californianus*
Guadalupe fur seal, *Arctocephalus townsendi*
Harbor seal, *Phoca vitulina*
Hawaiian monk seal, *Monachus*
schauinslandi
Northern elephant seal, *Mirounga*
angustirostris
Northern fur seal, *Callorhinus ursinus*
Whales and Porpoises
Baird's beaked whale, *Berardius bairdii*
Blainville's beaked whale, *Mesoplodon*
densirostris
Blue whale, *Balaenoptera musculus*
Bottlenose dolphin, *Tursiops truncatus*
Brydes whale, *Balaenoptera edeni*
Cuvier's beaked whale, *Ziphius cavirostris*
Dall's porpoise, *Phocoenoides dalli*
Dwarf sperm whale, *Kogia sima*
False killer whale, *Pseudorca crassidens*
Fin whale, *Balaenoptera physalus*
Fraser's dolphin, *Lagenodelphis hosei*
Harbor porpoise, *Phocoena phocoena*
Humpback whale, *Megaptera novaeangliae*
Killer whale, *Orcinus orca*
Long-beaked common dolphin, *Delphinus*
capensis
Longman's beaked whale, *Indopacetus*
pacificus
Melon-headed whale, *Peponocephala electra*
Mesoplodont beaked whales, *Mesoplodon*
spp.
Minke whale, *Balaenoptera acutorostrata*
Northern right whale dolphin, *Lissodelphis*
borealis
Pacific white-sided dolphin, *Lagenorhynchus*
obliquidens
Pantropical spotted dolphin, *Stenella*
attenuata

Pygmy killer whale, *Feresa attenuata*
Pygmy sperm whale, *Kogia breviceps*
Risso's dolphin, *Grampus griseus*
Rough-toothed dolphin, *Steno bredanensis*
Sei whale, *Balaenoptera borealis*
Short-finned pilot whale, *Globicephala*
macrorhynchus
Sperm whale, *Physeter catodon*
Spinner dolphin, *Stenella longirostris*
Striped dolphin, *Stenella coeruleoalba*
Other Marine Mammals (USFWS jurisdiction)
Southern sea otter, *Enhydra lutris nereis*

Unit 23: Marine Mammals of the Atlantic Region and the Gulf of Mexico

Seals and Sea Lions
Grey seal, *Halichoerus grypus*
Harbor seal, *Phoca vitulina*
Harp seal, *Pagophilus groenlandicus*
Hooded seal, *Cystophora cristata*
Whales and Porpoises
Atlantic spotted dolphin, *Stenella frontalis*
Atlantic white-sided dolphin,
Lagenorhynchus acutus
Blainville's beaked whale, *Mesoplodon*
densirostris
Blue whale, *Balaenoptera musculus*
Bottlenose dolphin, *Tursiops truncatus*
Brydes whale, *Balaenoptera edeni*
Clymene dolphin, *Stenella clymene*
Common dolphin, *Delphinus delphis*
Cuvier's beaked whale, *Ziphius cavirostris*
Dwarf sperm whale, *Kogia sima*
False killer whale, *Pseudorca crassidens*
Fin whale, *Balaenoptera physalus*
Fraser's dolphin, *Lagenodelphis hosei*
Gervais' beaked whale, *Mesoplodon europaeus*
Harbor porpoise, *Phocoena phocoena*
Humpback whale, *Megaptera novaeangliae*
Killer whale, *Orcinus orca*
Long-finned pilot whale, *Globicephala melas*
Melon-headed whale, *Peponocephala electra*
Mesoplodont beaked whales, *Mesoplodon*
spp.
Minke whale, *Balaenoptera acutorostrata*
North Atlantic right whale, *Eubalaena*
glacialis
Northern bottlenose whale, *Hyperodon*
ampullatus

Pantropical spotted dolphin, *Stenella attenuata*

Pygmy killer whale, *Feresa attenuata*

Pygmy sperm whale, *Kogia breviceps*

Risso's dolphin, *Grampus griseus*

Rough-toothed dolphin, *Steno bredanensis*

Sei whale, *Balaenoptera borealis*

Short-finned pilot whale, *Globicephala macrorhynchus*

Sperm whale, *Physeter catodon*

Spinner dolphin, *Stenella longirostris*

Striped dolphin, *Stenella coerulealba*

White-beaked dolphin, *Lagenorhynchus albirostris*

Other Marine Mammals (USFWS jurisdiction)

West Indian manatee, *Trichechus manatus*

Unit 24: Sea Turtles

Green sea turtle, *Chelonia mydas*

Hawksbill sea turtle, *Eretmochelys imbricata*

Kemp's ridley sea turtle, *Lepidochelys kempii*

Leatherback sea turtle, *Dermochelys coriacea*

Loggerhead sea turtle, *Caretta caretta*

Olive ridley sea turtle, *Lepidochelys olivacea*

