
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. This listing is included for reference purposes only and is not all-inclusive.

Unit 1: Northeast Demersal Fisheries

Principal groundfish

Atlantic cod, *Gadus morhua*
Silver hake, *Merluccius bilinearis*
Pollock, *Pollachius virens*
Summer flounder, *Paralichthys dentatus*
Winter flounder, *Pleuronectes americanus*
American plaice, *Hippoglossoides platessoides*
Haddock, *Melanogrammus aeglefinus*
Yellowtail flounder, *Pleuronectes ferrugineus*
Witch flounder, *Glyptocephalus cynoglossus*
Red hake, *Urophycis chuss*
Windowpane, *Scophthalmus aquosus*
Redfish, *Sebastes* spp.

Skates and spiny dogfish

Spiny dogfish, *Squalus acanthias*
Little skate, *Raja erinacea*
Winter skate, *Raja ocellata*
Barndoor skate, *Raja laevis*
Thorny skate, *Raja radiata*
Clearnose (Briar) skate, *Raja eglanteria*
Rosette skate, *Raja garmani*
Smooth skate, *Raja senta*

Other finfish

Goosefish, *Lophius americanus*
Weakfish, *Cynoscion regalis*
White hake, *Urophycis tenuis*
Black sea bass, *Centropristis striata*

Scup, *Stenotomus chrysops*
Spot, *Leiostomus xanthurus*
Tilefish, *Lopholatilus chamaeleonticeps*
Cusk, *Brosme brosme*
Wolffishes, *Anarhichas* spp.
Ocean pout, *Macrozoarces americanus*
Atlantic halibut, *Hippoglossus hippoglossus*

Unit 2: Northeast Pelagic Fisheries

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

Unit 3: Atlantic Anadromous Fisheries

Striped bass, *Morone saxatilis*
American shad, *Alosa sapidissima*
Alewife, *Alosa pseudoharengus*
Blueback herring, *Alosa aestivalis*
Atlantic sturgeon, *Acipenser oxyrinchus*
Shortnose sturgeon, *Acipenser brevirostrum*
Atlantic salmon, *Salmo salar*

Unit 4: Northeast Invertebrate Fisheries

American lobster, *Homarus americanus*
Atlantic surfclam, *Spisula solidissima*
Ocean quahog, *Arctica islandica*
Longfin inshore squid, *Loligo pealeii*
Northern shortfin squid, *Illex illecebrosus*
Sea scallop, *Placopecten magellanicus*
Northern shrimp, *Pandalus borealis*
Red crab, *Chaceon quinquegens*

Unit 5: Atlantic Highly**Migratory Pelagic Fisheries**Yellowfin tuna, *Thunnus albacares*Bigeye tuna, *Thunnus obesus*Albacore, *Thunnus alalunga*Skipjack tuna, *Katsuwonus pelamis*Bluefin tuna, *Thunnus thynnus***Other tunas**Blackfin tuna, *Thunnus atlanticus*Little tunny, *Euthynnus alletteratus*Atlantic bonito, *sarda sarda*Wahoo, *Acanthocybium solandri*Bullet mackerel, *Auxis rochei*Frigate mackerel, *Auxis thazard*Swordfish, *Xiphias gladius***Billfishes**Blue marlin, *Makaira nigricans*White marlin, *Tetrapturus albidus*Sailfish, *Istiophorus platypterus***Unit 6: Atlantic Sharks****Large coastal sharks**Sandbar shark, *Carcharhinus plumbeus*Reef shark, *Carcharhinus perezi*Blacktip shark, *Carcharhinus limbatus*Dusky shark, *Carcharhinus obscurus*Spinner shark, *Carcharhinus brevipinna*Silky shark, *Carcharhinus falciformis*Bull shark, *Carcharhinus leucas*Bignose shark, *Carcharhinus altimus*Galapagos shark, *Carcharhinus galapagensis*Night shark, *Carcharhinus signatus*Tiger shark, *Galeocerdo cuvier*Lemon shark, *Negaprion brevirostris*Nurse shark, *Ginglymostoma cirratum*Narrowtooth shark, *Carcharhinus brachyurus*Scalloped hammerhead, *Sphyrna lewini*Smooth hammerhead, *Sphyrna zygaena*Great hammerhead, *Sphyrna mokarran***Small coastal sharks**

Atlantic sharpnose shark,

Rhizoprionodon terraenovae

Caribbean sharpnose shark,

*Rhizoprionodon porosus*Finetooth shark, *Carcharhinus isodon*Blacknose shark, *Carcharhinus acronotus*Bonnethead, *Sphyrna tiburo*Atlantic angel shark, *Squatina dumeril*Smalltail shark, *Carcharhinus porosus***Pelagic sharks**Longfin mako, *Isurus paucus*Shortfin mako, *Isurus oxyrinchus*Blue shark, *Prionace glauca*Porbeagle, *Lamna nasus*Thresher shark, *Alopias vulpinus*Bigeye thresher, *Alopias superciliosus*

Oceanic whitetip shark,

*Carcharhinus longimanus*Sevengill shark, *Heptranchias perlo*Sixgill shark, *Hexanchus griseus*Bigeye sixgill shark, *Hexanchus vitulus***Unit 7: Atlantic and Gulf of Mexico****Coastal Migratory Pelagic Fisheries**Dolphinfish, *Coryphaena hippurus*

King mackerel (Atlantic and Gulf),

Scomberomorus cavalla

Spanish mackerel (Atlantic and Gulf),

*Scomberomorus maculatus*Cobia, *Rachycentron canadum*Cero (mackerel), *Scomberomorus regalis***Unit 8: Atlantic, Gulf of Mexico,
and Caribbean Reef Fish Fisheries****Gulf of Mexico**Red snapper, *Lutjanus campechanus*Red grouper, *Epinephelus morio*Nassau grouper, *Epinephelus striatus*Jewfish, *Epinephelus itajara***Shallow groupers**Gag, *Mycteroperca microlepis*Rock hind, *Epinephelus adscensionis*Speckled hind, *Epinephelus drummondhayi*Red hind, *Epinephelus guttatus*Black grouper, *Mycteroperca bonaci*Scamp, *Mycteroperca phenax*Yellowfin grouper, *Mycteroperca venenosa***Other groupers**Snowy grouper, *Epinephelus niveatus*

Yellowedge grouper,

Epinephelus flavolimbatus

Yellowmouth grouper,

*Mycteroperca interstitialis*Misty grouper, *Epinephelus mystacinus*Warsaw grouper, *Epinephelus nigritus*

Other snappers

Vermilion snapper, *Rhomboplites aurorubens*
 Queen snapper, *Etelis oculatus*
 Mutton snapper, *Lutjanus analis*
 Schoolmaster, *Lutjanus apodus*
 Blackfin snapper, *Lutjanus buccanella*
 Cubera snapper, *Lutjanus cyanopterus*
 Mahogany snapper, *Lutjanus mahogoni*
 Lane snapper, *Lutjanus synagris*
 Dog snapper, *Lutjanus jocu*
 Silk snapper, *Lutjanus vivanus*
 Yellowtail snapper, *Ocyurus chrysurus*
 Grey (Mangrove) snapper, *Lutjanus griseus*
 Black snapper, *Apsilus dentatus*

Porgies

Jolthead porgy, *Calamus bajonado*
 Longspine porgy, *Stenotomus caprinus*
 Red porgy, *Pagrus pagrus*
 Whitebone porgy, *Calamus leucosteus*
 Knobbed porgy, *Calamus nodosus*
 Littlehead porgy, *Calamus proridens*

Amberjacks

Greater amberjack, *Seriola dumerili*
 Lesser amberjack, *Seriola fasciata*

Grunts

White grunt, *Haemulon plumieri*
 Bluestriped grunt, *Haemulon sciurus*
 French grunt, *Haemulon flavolineatum*

Sea basses

Black sea bass, *Centropristis striata*
 Rock sea bass, *Centropristis philadelphica*
 Bank sea bass, *Centropristis ocyurus*

Others

Sheepshead, *Archosargus probatocephalus*
 Queen triggerfish, *Balistes vetula*
 Gray triggerfish, *Balistes capricus*
 Ocean triggerfish, *Canthidermis sufflamen*
 Blueline (grey) tilefish, *Caulolatilus microps*
 Blackline tilefish, *Caulotilus cyanops*
 Tilefish (golden),
Lopholatilus chamaeleonticeps
 Yellow goatfish, *Mulloidichthys martinicus*
 Blue runner, *Caranx crysos*
 Pigfish, *Orthopristis chrysoptera*
 Hogfish, *Lachnolaimus maximus*
 Queen angelfish, *Holacanthus ciliaris*
 Atlantic Spadefish, *Chaetodipterus faber*
 Great barracuda, *Sphyrena barracuda*

Atlantic

Wreckfish, *Polyprion americanus*
 Vermilion snapper, *Rhomboplites aurorubens*
 Red snapper, *Lutjanus campechanus*
 Red porgy, *Pagrus pagrus*
 Nassau grouper, *Epinephelus striatus*
 Jewfish, *Epinephelus itajara*

Other groupers

Red grouper, *Epinephelus morio*
 Gag, *Mycteroperca microlepis*
 Rock hind, *Epinephelus adscensionis*
 Speckled hind, *Epinephelus drummondhayi*
 Red hind, *Epinephelus guttatus*
 Black grouper, *Mycteroperca bonaci*
 Scamp, *Mycteroperca phenax*
 Yellowfin grouper, *Mycteroperca venenosa*
 Snowy grouper, *Epinephelus niveatus*
 Yellowedge grouper,
Epinephelus flavolimbatus
 Yellowmouth grouper,
Mycteroperca interstitialis
 Misty grouper, *Epinephelus mystacinus*
 Warsaw grouper, *Epinephelus nigritus*
 Coney, *Epinephelus fulvus*
 Graysby, *Epinephelus cruentatus*
 Creole-fish, *Paranthias furcifer*

Sea basses

Black sea bass, *Centropristis striata*
 Rock sea bass, *Centropristis philadelphica*
 Bank sea bass, *Centropristis ocyurus*

Other snappers

Queen snapper, *Etelis oculatus*
 Mutton snapper, *Lutjanus analis*
 Schoolmaster, *Lutjanus apodus*
 Blackfin snapper, *Lutjanus buccanella*
 Cubera snapper, *Lutjanus cyanopterus*
 Mahogany snapper, *Lutjanus mahogoni*
 Lane snapper, *Lutjanus synagris*
 Silk snapper, *Lutjanus vivanus*
 Yellowtail snapper, *Ocyurus chrysurus*
 Grey (Mangrove) snapper, *Lutjanus griseus*
 Black snapper, *Apsilus dentatus*

Amberjacks

Greater amberjack, *Seriola dumerili*
 Lesser amberjack, *Seriola fasciata*

Other porgies

Jolthead porgy, *Calamus bajonado*
 Longspine porgy, *Stenotomus caprinus*
 Whitebone porgy, *Calamus leucosteus*

- Knobbed porgy, *Calamus nodosus*
 Littlehead porgy, *Calamus proridens*
 Saucereye porgy, *Calamus calamus*
 Spottail pinfish, *Diplodus holbrooki*
 Scup, *Stenotomus chrysops*
- Grunts**
 White grunt, *Haemulon plumieri*
 Bluestriped grunt, *Haemulon sciurus*
 French grunt, *Haemulon flavolineatum*
 Margate, *Haemulon album*
 Sailors choice, *Haemulon parra*
 Tomtate, *Haemulon aurolineatum*
 Porkfish, *Anisotremus virginicus*
 Black margate, *Anisotremus surinamensis*
 Spanish grunt, *Haemulon macrostomum*
 Pigfish, *Orthopristis chrysoptera*
 Smallmouth grunt, *Haemulon chrysargyreum*
- Others**
 Sheepshead, *Archosargus probatocephalus*
 Queen triggerfish, *Balistes vetula*
 Gray triggerfish, *Balistes capriscus*
 Ocean triggerfish, *Canthidermis sufflamen*
 Blue line (grey) tilefish, *Caulolatilus microps*
 Black line tilefish, *Caulotilus cyanops*
 Tilefish (golden),
 Lopholatilus chamaeleonticeps
 Hogfish, *Lachnolaimus maximus*
 Queen angelfish, *Holacanthus ciliaris*
 Atlantic Spadefish, *Chaetodipterus faber*
 Great barracuda, *Sphyrena barracuda*
- Caribbean**
 Nassau grouper, *Epinephelus striatus*
- Other groupers**
 Rock hind, *Epinephelus adscensionis*
 Red hind, *Epinephelus guttatus*
 Yellowfin grouper, *Mycteroperca venenosa*
 Yellowmouth grouper,
 Mycteroperca interstitialis
 Coney, *Epinephelus fulvus*
 Graysby, *Epinephelus cruentatus*
- Snappers**
 Vermilion snapper, *Rhomboplites aurorubens*
 Queen snapper, *Etelis oculatus*
 Mutton snapper, *Lutjanus analis*
 Schoolmaster, *Lutjanus apodus*
 Blackfin snapper, *Lutjanus buccanella*
 Mahogany snapper, *Lutjanus mahogoni*
 Lane snapper, *Lutjanus synagris*
 Silk snapper, *Lutjanus vivanus*
 Yellowtail snapper, *Ocyurus chrysurus*
 Black snapper, *Apsilus dentatus*
- Grunts**
 White grunt, *Haemulon plumieri*
 Bluestriped grunt, *Haemulon sciurus*
 French grunt, *Haemulon flavolineatum*
 Margate, *Haemulon album*
 Tomtate, *Haemulon aurolineatum*
- Others**
 Greater amberjack, *Seriola dumerili*
 Blue runner, *Caranx crysos*
 Crevalle jack, *Caranx hippos*
 Horse-eye jack, *Caranx latus*
 Black jack, *Caranx lugubris*
 Bar jack, *Caranx ruber*
 Lookdown, *Selene vomer*
 Bigeye scad, *Selar crumenophthalmus*
 Yellow jack, *Caranx bartholomaei*
 Sea bream, *Archosargus rhomboidalis*
 Jolthead porgy, *Calamus bajonado*
 Sheepshead porgy, *Calamus penna*
 Yellow goatfish, *Mulloidichthys martinicus*
 Spotted goatfish, *Pseudupeneus maculatus*
 Spotfin butterflyfish, *Chaetodon ocellatus*
 Foureye butterflyfish, *Chaetodon capistratus*
 Atlantic Spadefish, *Chaetodipterus faber*
 Queen angelfish, *Holacanthus ciliaris*
 Rock beauty, *Holacanthus tricolor*
 Gray angelfish, *Pomacanthus arcuatus*
 French angelfish, *Pomacanthus paru*
 Spanish hogfish, *Bodianus rufus*
 Hogfish, *Lachnolaimus maximus*
 Puddingwife, *Halichoeres radiatus*
 Midnight parrotfish, *Scarus coelestinus*
 Blue parrotfish, *Scarus coeruleus*
 Striped parrotfish, *Scarus croicensis*
 Rainbow parrotfish, *Scarus guacamaia*
 Princess parrotfish, *Scarus taeniopterus*
 Queen parrotfish, *Scarus vetula*
 Redband parrotfish, *Sparisoma aurofrenatum*
 Redtail parrotfish, *Sparisoma chrysopteron*
 Redfin parrotfish, *Sparisoma rubripinne*
 Stoplight parrotfish, *Sparisoma viride*
 Ocean surgeonfish, *Acanthurus bahianus*
 Doctorfish, *Acanthurus chirurgus*
 Blue tang, *Acanthurus coeruleus*
 Queen triggerfish, *Balistes vetula*
 Ocean triggerfish, *Canthidermis sufflamen*
 Black durgon, *Melichthys niger*

Spotted trunkfish, *Lactophrys bicaudalis*
 Honeycomb cowfish, *Lactophrys polygonia*
 Scrawled cowfish, *Lactophrys quadricornis*
 Smooth trunkfish, *Lactophrys triqueter*
 Trunkfish, *Lactophrys trigonus*
 Squirrelfish, *Holocentrus adscensionis*
 Longspine squirrelfish, *Holocentrus rufus*
 Bigeye, *Priacanthus arenatus*
 Porkfish, *Anisotremus virginicus*
 Mutton Hamlet, *Epinephelus afer*

Unit 9: Southeast**Drum and Croaker Fisheries**

Black drum, *Pogonias cromis*
 Atlantic croaker, *Micropogonias undulatus*
 Spot, *Leiostomus xanthurus*
 Red drum, *Sciaenops ocellatus*

Seatrouts

Grey seatrout (weakfish), *Cynoscion regalis*
 Spotted seatrout, *Cynoscion nebulosus*
 Silver seatrout, *Cynoscion nothus*
 Sand seatrout, *Cynoscion arenarius*

Kingfishes

Southern kingfish, *Menticirrhus americanus*
 Gulf kingfish, *Menticirrhus littoralis*
 Northern kingfish, *Menticirrhus saxatilis*

Unit 10: Southeast Menhaden Fisheries

Atlantic menhaden, *Brevoortia tyrannus*
 Gulf menhaden, *Brevoortia patronus*

Unit 11: Southeast and**Caribbean Invertebrate Fisheries****Shrimps**

Brown shrimp, *Penaeus aztecus*
 White shrimp, *Penaeus setiferus*
 Pink shrimp, *Penaeus duorarum*
 Royal red shrimp, *Pleoticus robustus*
 Seabob, *Xiphopenaeus kroyeri*
 Rock shrimp, *Sicyonia brevirostris*
 Spiny lobster (Southeast and Caribbean),
Panulirus argus
 Spotted spiny lobster, *Panulirus guttatus*
 Stone crab, *Menippe mercenaria*
 Queen conch, *Strombus gigas*
 Coral, Phylum Cnidaria

Units 12 and 13: Pacific**Coast and Alaska Salmon**

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

Unit 14: Pacific Coast**and Alaska Pelagic Fisheries**

Northern anchovy, *Engraulis mordax*
 Pacific sardine, *Sardinops sagax*
 Jack mackerel, *Trachurus symmetricus*
 Chub (Pacific) mackerel, *Scomber japonicus*
 Pacific herring, *Clupea pallasii*

Unit 15: Pacific Coast Groundfish Fisheries

Pacific hake (whiting), *Merluccius productus*
 Sablefish (black cod), *Anoplopoma fimbria*
 Lingcod, *Ophiodon elongatus*
 Pacific cod, *Gadus macrocephalus*
 Flatfishes

Arrowtooth flounder, *Atheresthes stomias*
 Dover sole, *Microstomus pacificus*
 English sole, *Pleuronectes vetulus*
 Petrale sole, *Eopsetta jordani*

Other flatfishes

Butter sole, *Pleuronectes isolepis*
 Curlfin sole, *Pleuronichthys decurrens*
 Flathead sole, *Hippoglossoides elassodon*
 Pacific sanddab, *Citharichthys sordidus*
 Rex sole, *Errex zachirus*
 Rock sole, *Pleuronectes bilineatus*
 Sand sole, *Psettichthys melanostictus*
 Starry flounder, *Platichthys stellatus*

Rockfishes

Bocaccio, *Sebastes paucispinis*
 Canary rockfish, *Sebastes pinniger*
 Chilipepper, *Sebastes goodei*
 Pacific ocean perch, *Sebastes alutus*
 Shortbelly rockfish, *Sebastes jordani*
 Shortspine thornyhead,
Sebastolobus alascanus
 Longspine thornyhead, *Sebastolobus altivelis*
 Yellowtail rockfish, *Sebastes flavidus*
 Widow rockfish, *Sebastes entomelas*

Other rockfishes

Aurora rockfish, *Sebastes aurora*

- Bank rockfish, *Sebastes rufus*
 Black rockfish, *Sebastes melanops*
 Black-and-yellow rockfish,
 Sebastes chrysomelas
 Blackgill rockfish, *Sebastes melanostomus*
 Blue rockfish, *Sebastes mystinus*
 Bronzespotted rockfish, *Sebastes gilli*
 Brown rockfish, *Sebastes auriculatus*
 Calico rockfish, *Sebastes dalli*
 China rockfish, *Sebastes nebulosus*
 Copper rockfish, *Sebastes caurinus*
 Cowcod, *Sebastes levis*
 Darkblotched rockfish, *Sebastes cramei*
 Dusky rockfish, *Sebastes ciliatus*
 Flag rockfish, *Sebastes rubrivinctus*
 Gopher rockfish, *Sebastes carnatus*
 Grass rockfish, *Sebastes rastrelliger*
 Greenblotched rockfish, *Sebastes rosenblatti*
 Greenspotted rockfish, *Sebastes chlorostictus*
 Greenstriped rockfish, *Sebastes elongatus*
 Harlequin rockfish, *Sebastes variegatus*
 Honeycomb rockfish, *Sebastes umbrosus*
 Kelp rockfish, *Sebastes atrovirens*
 Mexican rockfish, *Sebastes macdonaldi*
 Olive rockfish, *Sebastes serranoides*
 Pink rockfish, *Sebastes eos*
 Quillback rockfish, *Sebastes maliger*
 Redbanded rockfish, *Sebastes babcocki*
 Redstripe rockfish, *Sebastes proriger*
 Rosethorn rockfish, *Sebastes helvomagulatus*
 Rosy rockfish, *Sebastes rosaceus*
 Rougheye rockfish, *Sebastes aleutianus*
 Sharpchin rockfish, *Sebastes zacentrus*
 Shortraker rockfish, *Sebastes borealis*
 Silvergray rockfish, *Sebastes brevispinis*
 Speckled rockfish, *Sebastes ovalis*
 Splitnose rockfish, *Sebastes diploproa*
 Squarespot rockfish, *Sebastes hopkinsi*
 Starry rockfish, *Sebastes constellatus*
 Stripetail rockfish, *Sebastes saxicola*
 Tiger rockfish, *Sebastes nigrocinctus*
 Treefish, *Sebastes serriiceps*
 Vermilion rockfish, *Sebastes miniatus*
 Yelloweye rockfish, *Sebastes ruberrimus*
 Yellowmouth rockfish, *Sebastes reedi*
- Other groundfishes
 Leopard shark, *Triakis semifasciata*
 Soupfin shark, *Galeorhinus zyopterus*
 Spiny dogfish, *Squalus acanthias*
- Big skate, *Raja binoculata*
 California skate, *Raja inornata*
 Longnose skate, *Raja rhina*
 Spotted ratfish, *Hydrolagus collicie*
 Pacific flatnose, *Antimora microlepis*
 Pacific (rattail) Grenadier,
 Coryphaenoides acrolepis
 Cabezon, *Scorpaenichthys marmoratus*
 Kelp greenling, *Hexagrammos decagrammus*
 California scorpionfish, *Scorpaena guttata*
- Unit 16: Western Pacific
 Invertebrate Fisheries**
 Spiny lobster (Ula), *Panulirus marginatus*
 Slipper lobster (Ulapapa),
 Scyllarides squammosus
- Unit 17: Western Pacific
 Bottomfish and Armorhead Fisheries**
 Bottomfishes
 Silverjaw jobfish (lehi), *Aphareus rutilans*
 Gray jobfish (uku), *Aprion virescens*
 Squirrelfish snapper (ehu), *Etelis carbunculus*
 Ruby (Long-tail) snapper (onaga),
 Etelis coruscans
 Bluestripe snapper (taape), *Lutjanus kasmira*
 Yellowtail snapper (yellowtail kalekale),
 Pristipomoides auricilla
 Crimson snapper (opakapaka),
 Pristipomoides filamentosus
 Yelloweye snapper (yelloweye opakapaka),
 Pristipomoides flavipinnus
 Pink snapper, (kalekale),
 Pristipomoides sieboldii
 Small-scaled snapper (Opakapaka),
 Pristipomoides microlepis
 Giant trevally (white ulua), *Caranx ignobilis*
 Black jack, (black ulua), *Caranx lugubris*
 Thick lipped trevally, (butaguchi),
 Pseudocaranx dentex
 Greater amberjack, (kahala), *Seriola dumerili*
 Blacktip grouper, *Epinephelus fasciatus*
 Grouper (hapu upu u), *Epinephelus quernus*
 Lunartail grouper, *Variola louti*
 Ambon emperor, *Lethrinus amboinensis*
 Redgill emperor, *Lethrinus rubrioperculatus*
- Seamount fishes
 Pelagic armorhead, *Pseudopentaceros wheeleri*

Unit 18: Pacific Highly**Migratory Pelagic Fisheries**

Yellowfin tuna, *Thunnus albacares*
 Skipjack tuna, *Katsuwonus pelamis*
 Albacore (North and South), *Thunnus alalunga*
 Bigeye tuna, *Thunnus obesus*
 Blue marlin, *Makaira nigricans*
 Black marlin, *Makaira indica*
 Striped marlin, *Tetrapturus audax*
 Sailfish, *Istiophorus platypterus*
 Shortbill spearfish, *Tetrapturus angustirostris*
 Swordfish, *Xiphias gladius*
 Wahoo, *Acanthocybium solandri*
 Dolphin (mahimahi), *Coryphaena hippurus*
 Pelagic sharks
 Families: Carcharhinidae, Alopiidae,
 Sphyrnidae, and Lamnidae

Unit 19: Alaska Groundfish Fisheries

Pacific halibut, *Hippoglossus stenolepis*

Bering Sea and Aleutian Islands**groundfish resources**

Walleye pollock, *Theragra chalcogramma*
 Pacific cod, *Gadus macrocephalus*
 Yellowfin sole, *Pleuronectes asper*
 Greenland (turbot) halibut,
Reinhardtius hippoglossoides
 Arrowtooth flounder, *Atheresthes stomias*
 Rock sole, *Pleuronectes bilineatus*
 Other flatfishes
 Flathead sole, *Hippoglossoides elassodon*
 Alaska plaice, *Pleuronectes quadrituberculatus*
 Kamchatka flounder, *Atheresthes evermanni*
 Bering flounder, *Hippoglossoides robustus*
 Arctic flounder, *Pleuronectes glacialis*
 Butter sole, *Pleuronectes isolepis*
 C-O Sole, *Pleuronichthys coenosus*
 California tonguefish, *Symphurus atricauda*
 Curlfin sole, *Pleuronectes decurrens*
 Deepsea sole, *Embassichthys bathybius*
 Dover sole, *Microstomus pacificus*
 English sole, *Pleuronectes vetulus*
 Hybrid sole, *Inopsetta ischyra*
 Longhead dab, *Pleuronectes proboscideus*
 Pacific sanddab, *Citharichthys sordidus*
 Petrale sole, *Eopsetta jordani*
 Rex sole, *Errex zachirus*
 Roughscale sole, *Clinoderma asperimum*

Sand sole, *Psettichthys melanostictus*
 Slender sole, *Eopsetta exilis*
 Starry flounder, *Platichthys stellatus*
 Sablefish (black cod), *Anoplopoma fimbria*
 Pacific ocean perch, *Sebastes alutus*

Other rockfishes

Aurora rockfish, *Sebastes aurora*
 Black rockfish, *Sebastes melanops*
 Blackgill rockfish, *Sebastes melanostomus*
 Blue rockfish, *Sebastes mystinus*
 Bocaccio, *Sebastes paucispinis*
 Brown rockfish, *Sebastes auriculatus*
 Canary rockfish, *Sebastes pinniger*
 Chameleon rockfish, *Sebastes phillipsi*
 Chilepepper, *Sebastes goodei*
 Copper rockfish, *Sebastes caurinus*
 Darkblotched rockfish, *Sebastes cramei*
 Dusky rockfish, *Sebastes ciliatus*
 Gray rockfish, *Sebastes glaucus*
 Greenstriped rockfish, *Sebastes elongatus*
 Harlequin rockfish, *Sebastes variegatus*
 Northern rockfish, *Sebastes polyspinis*
 Pinkrose rockfish, *Sebastes simulator*
 Pygmy rockfish, *Sebastes wilsoni*
 Redbanded rockfish, *Sebastes babcocki*
 Redstripe rockfish, *Sebastes proriger*
 Rosethorn rockfish, *Sebastes helvomagulatus*
 Rosy rockfish, *Sebastes rosaceus*
 Rougheye rockfish, *Sebastes aleutianus*
 Sharpchin rockfish, *Sebastes zacentrus*
 Shortraker rockfish, *Sebastes borealis*
 Silvergray rockfish, *Sebastes brevispinis*
 Splitnose rockfish, *Sebastes diploproa*
 Stripetail rockfish, *Sebastes saxicola*
 Tiger rockfish, *Sebastes nigrocinctus*
 Widow rockfish, *Sebastes entomelas*
 Yelloweye rockfish, *Sebastes ruberrimus*
 Yellowmouth rockfish, *Sebastes reedi*
 Yellowtail rockfish, *Sebastes flavidus*
 Broadbanded thornyhead,
Sebastolobus macrochir
 Longspine thornyhead, *Sebastolobus altivelis*
 Shortspine thornyhead,
Sebastolobus alascanus
 Atka mackerel, *Pleurogrammus monopterygius*

Other fishes

Antlered sculpin, *Enophrys diceraus*
 Armorhead sculpin, *Euryomen gyrinus*
 Bigmouth sculpin, *Hemitripterus bolini*

- Blackfin sculpin, *Malacocottus kincaidi*
 Blob sculpin, *Psychrolutes phrictus*
 Brown Irish lord, *Hemilepidotus spinosus*
 Butterfly sculpin, *Hemilepidotus papilio*
 Calico sculpin, *Clinocottus embryum*
 Crested sculpin, *Blepsias bilobus*
 Dusky sculpin, *Icelinus burchami*
 Great sculpin,
 Myoxocephalus polyacanthocephalus
 Pacific staghorn sculpin, *Leptocottus armatus*
 Plain sculpin, *Myoxocephalus jaok*
 Red Irish lord, *Hemilepidotus hemilepidotus*
 Ribbed sculpin, *Triglops pingeli*
 Scissortail sculpin, *Triglops forficatus*
 Shorthorn sculpin, *Myoxocephalus scorpius*
 Spinyhead sculpin, *Dasycottus setiger*
 Tadpole sculpin, *Psychrolutes paradoxus*
 Thorny sculpin, *Icelus spiniger*
 Warty sculpin, *Myoxocephalus verrucosus*
 Yellow Irish lord, *Hemilepidotus jordani*
 Alaska skate, *Bathyraja parmifera*
 Aleutian skate, *Bathyraja aleutica*
 Big skate, *Raja binoculata*
 Deepsea skate, *Bathyraja abyssicola*
 Golden skate, *Bathyraja smirnovi*
 Longnose skate, *Raja rhina*
 Starry skate, *Raja stellulata*
 Blue shark, *Prionace glauca*
 Pacific sleeper shark, *Somniosus pacificus*
 Salmon shark, *Lamna ditropis*
 Sixgill shark, *Hexanchus griseus*
 Soupfin shark, *Galeorhinus zyopterus*
 Spiny dogfish, *Squalus acanthias*
 Thresher shark, *Alopias vulpinus*
 Capelin, *Mallotus villosus*
 Eulachon, *Thaleichthys pacificus*
 Rainbow smelt, *Osmerus mordax*
 Giant octopus, *Octopus dofleini*
 Orange bigeye octopus, *Octopus californicus*
 Magistrate armhook squid,
 Berryteuthis magister
 Boreal clubhook squid,
 Onychoteuthis borealijaponica
Gulf of Alaska groundfish resources
 Walleye pollock, *Theragra chalcogramma*
 Pacific cod, *Gadus macrocephalus*
Flatfishes
 Arrowtooth flounder, *Atheresthes stomias*
 Alaska plaice, *Pleuronectes quadrituberculatus*
 Butter sole, *Pleuronectes isolepis*
 Deepsea sole, *Embassichthys bathybius*
 Dover sole, *Microstomus pacificus*
 English sole, *Pleuronectes vetulus*
 Flathead sole, *Hippoglossoides elassodon*
 Greenland (turbot) halibut,
 Reinhardtius hippoglossoides
 Rex sole, *Errex zachirus*
 Rock sole, *Pleuronectes bilineatus*
 Sand sole, *Psettichthys melanostictus*
 Starry flounder, *Platichthys stellatus*
 Yellowfin sole, *Pleuronectes asper*
 Sablefish (black cod), *Anoplopoma fimbria*
 Atka mackerel, *Pleurogrammus monoptyerygius*
Slope rockfishes
 Northern rockfish, *Sebastes polyspinis*
 Pacific ocean perch, *Sebastes alutus*
 Rougheye rockfish, *Sebastes aleutianus*
 Shortraker rockfish, *Sebastes borealis*
Thornyhead rockfishes
 Broadbanded thornyhead,
 Sebastolobus macrochir
 Longspine thornyhead, *Sebastolobus altivelis*
 Shortspine thornyhead,
 Sebastolobus alascanus
Pelagic shelf rockfishes
 Dusky rockfish, *Sebastes ciliatus*
 Widow rockfish, *Sebastes entomelas*
 Yellowtail rockfish, *Sebastes flavidus*
Demersal shelf rockfishes
 Yelloweye rockfish, *Sebastes ruberrimus*

Unit 20: Alaska Shellfish Fisheries
 Tanner crab, *Chionoecetes bairdi*
 Snow crab, *Chionoecetes opilio*
King crabs
 Blue king crab, *Paralithodes platypus*
 Golden (brown) king crab,
 Lithodes aequispina
 Red king crab, *Paralithodes camtschatica*
Shrimps
 Alaskan pink shrimp, *Pandalus eous*
 Side-stripped shrimp, *Pandalopsis dispar*
 Humpy shrimp, *Pandalus goniurus*
 Coonstripped shrimp, *Pandalus hypsinotus*
 Spot shrimp, *Pandalus platyceros*
Sea snails
 Angular whelk,
 Buccinum angulosum angulosum

Fat whelk, *Neptunea ventricosa*
 Fragile whelk, *Volutopsius fragilis*
 Ladder whelk, *Buccinum scalariforme*
 Lyre whelk, *Neptunea lyrata lyrata*
 Oregon triton, *Fusitriton oregonensis*
 Polar whelk, *Buccinum polare*
 Pribilof whelk, *Neptunea pribiloffensis*
 Sinuous whelk, *Buccinum plectrum*
 Tulip whelk, *Volutopsius middendorffii*
 Hero whelk, *Neptunea heros*
 Whelk, *Plicifusus kroyeri*

Unit 21: Nearshore Fisheries

Northeast Nearshore Fishery Resources

Blue crab, *Callinectes sapidus*
 Sea urchin, *Strongylocentrotus* spp.
 Atlantic hardshell clam, *Mercenaria mercenaria*
 Eastern oyster (Atlantic), *Crassostrea virginica*
 Blue mussel, *Mytilus edulis*
 Horseshoe crab (Atlantic), *Limulus polyhemus*
 Tautog, *Tautoga onitis*
 Other shads and herring
 Gizzard shad, *Dorosoma cepedianum*
 Hickory shad, *Alosa mediocris*
 Round herring, *Etrumeus teres*
 White perch, *Morone americana*
 Jonah crab, *Cancer borealis*
 Softshell clam, *Mya arenaria*
 Atlantic rock crab, *Cancer irroratus*
 Conchs
 Channeled whelk, *Busycotypus canaliculatus*
 Knobbed whelk, *Busycon carica*
 Lightning whelk, *Busycon sinistrum*
 Sea cucumber, *Cucumaria frondosa*
 American eel, *Anguilla rostrata*
 Sea worms
 Sandworm, *Nereis virens*
 Bloodworm, *Glycera dibranchiata*
 Tapeworm (milk worm), *Cerebratulus lacteus*
 Periwinkle, *Littorina littorea*
 Bay scallop, *Argopecten irradians*

Southeast Nearshore Fishery Resources

Blue crab, *Callinectes sapidus*
 Mulllets, Family Mugilidae
 Eastern oyster (Atlantic), *Crassostrea virginica*
 Other herrings and Spanish sardine
 Gizzard shad, *Dorosoma cepedianum*

Round herring, *Etrumeus teres*
 Atlantic thread herring,
 Opisthonema oglinum
 Hickory shad, *Alosa mediocris*
 Threadfin shad, *Dorosoma petenense*
 Spanish sardine, *Sardinella aurita*
 Gulf flounder, *Paralichthys albigutta*
 Southern flounder, *Paralichthys lethostigma*
 Bait shrimp, Decapoda, Dendrobranchiata
 Calico scallops (Atlantic), *Argopecten gibbus*
 Ballyhoo, *Hemiramphus brasiliensis*
 Bigeye scad, *Selar crumenophthalmus*
 Flyingfish (Atlantic), *Cypselurus melanurus*

Pacific Nearshore Fishery Resources (California)

California market squid, *Loligo opalescens*
 Sea urchins, *Strongylocentrotus* spp.
 Shrimps
 Bay shrimp, *Crangon franciscorum*
 Dock shrimp, *Pandalus danae*
 Ocean shrimp, *Pandalus jordani*
 Pacific ridgeback rock shrimp,
 Sicyonia ingentis
 Pacific (pink) shrimp, *Pandalus borealis*
 Sidestripe shrimp, *Pandalopsis dispar*
 Spot shrimp, *Pandalus platyceros*
 Dungeness crab, *Cancer magister*
 Other crabs
 Rock crab, *Cancer* spp.
 Sheep crab, *Loxorhynchus grandis*
 Pacific bonito, *Sarda chiliensis*
 Smelts
 Night smelt, *Spirinchus starksi*
 Surf smelt, *Hypomesus pretiosus*
 Whitebait smelt, *Allosmerus elongatus*
 Elasmobranchs,
 Class Elasmobranchiomorphi
 California halibut, *Paralichthys californicus*
 Sea cucumbers, *Parastichopus* spp.
 California spiny lobster, *Panulirus interruptus*
 Abalones, *Haliotis* spp.
 Croakers
 Spotfin croaker, *Roncador stearnsi*
 Yellow croaker, *Umbrina roncadore*
 White croaker, *Genyonemus lineatus*
 Pacific barracuda, *Sphyrnaena argentea*
 Bivalves
 Pacific razor clam, *Siliqua patula*
 Butter clam, *Saxidomus nuttalli*

- Banded chione, *Chione californiensis*
 Smooth chione, *Chione fluctifraga*
 Wavy chione, *Chione undatella*
 Thin-shelled littleneck clam,
Protothaca tenerrima
 Manila clam, *Venerupis japonica*
- Pacific Nearshore Fishery Resources (Oregon)**
- Clams
 Butter clam, *Saxidomus nuttalli*
 Horseneck gaper clam, *Tresus capax*
 Pacific littleneck clam, *Protothaca staminea*
- Oysters
 Pacific oyster, *Crassostrea gigas*
- Dungeness crab, *Cancer magister*
- Shrimps
 Blue mud shrimp, *Upogebia pugettensis*
 Ocean shrimp, *Pandalus jordani*
 Pacific (pink) shrimp, *Pandalus borealis*
- Sea Urchins
 Purple sea urchin,
Strongylocentrotus purpuratus
 Red sea urchin,
Strongylocentrotus franciscanus
- Elasmobranchs
 Blue shark, *Prionace glauca*
 Spiny dogfish, *squalus acanthias*
 Big skate, *Raja binoculata*
 Longnose skate, *Raja rhina*
- Sturgeon
 Green sturgeon, *Acipenser medirostris*
 White sturgeon, *Acipenser transmontanus*
- Other fish and invertebrates
 Chub (Pacific) mackerel, *Scomber japonicus*
 Pacific herring, *Clupea pallasii*
 Pacific sardine, *Sardinops sagax*
 Market squid, *Loligo opalescens*
 Humboldt squid, *Dosidicus gigas*
- Pacific Nearshore Fishery Resources (Washington)**
- Pacific geoduck clam, *Panopea abrupta*
- Other clams
 Horseneck gaper clam, *Tresus capax*
 Manila clam, *Venerupis japonica*
 Pacific littleneck clam, *Protothaca staminea*
- Oysters
 Pacific oyster, *Crassostrea gigas*
- Other bivalves
 Venus clams, *Psephidia* sp.
 Mussels, Family Mytilidae
 Dungeness crab, *Cancer magister*
- Shrimps
 Ocean shrimp, *Pandalus jordani*
 Pacific (pink) shrimp, *Pandalus borealis*
- Sea cucumber
 California sea cucumber,
Parastichopus californicus
- Elasmobranchs
 Spiny dogfish, *squalus acanthias*
- Sturgeons
 Green sturgeon, *Acipenser medirostris*
 White sturgeon, *Acipenser transmontanus*
- Western Pacific Island Nearshore Fishery Resources**
- Bigeye scad (Akule), *Selar crumenophthalmus*
 Mackerel scad (Opelu), *Decapturus macarellus*
- Alaska Nearshore Fishery Resources**
- Dungeness crab, *Cancer magister*
 Tanner crab, *Chionoecetes bairdi*
 Red king crab, *Paralithodes camtschatica*
- Scallops
 Weathervane scallop, *Patinoplectin caurinus*
 Pink scallop, *Chlamys rubida*
 Spiny scallop, *Chlamys hastata*
 Rock scallop, *Crassadoma gigantea*
 Pacific geoduck clam, *Panopea abrupta*
- Shrimps
 Alaskan pink shrimp, *Pandalus eous*
 Coonstriped shrimp, *Pandalus hypsinotus*
 Humpy shrimp, *Pandalus goniurus*
 Ocean shrimp, *Pandalus jordani*
 Sidestripe shrimp, *Pandalopsis dispar*
 Spot shrimp, *Pandalus platyceros*
- Other clams
 Arctic surfclam, *Mactromeris polynyma*
 Butter clam, *Saxidomus giganteus*
 Cockles, *Clinocardium* spp.
 Pacific littleneck clam, *Protothaca staminea*
 Pacific razor clam, *Siliqua patula*
 Softshell clam, *Mya arenaria*
 Sea urchins, *Strongylocentrotus* spp.
 Sea cucumbers, *Parastichopus* spp.
 Abalones, *Haliotis* spp.

Units 22, 23 and 24:**Marine Mammals of Alaska,
Pacific, and Atlantic Regions****Dolphins**Atlantic spotted dolphin, *Stenella frontis*

Atlantic white-sided dolphin,

*Lagenorhynchus acutus*Bottlenose dolphin, *Tursiops truncatus*Clymene Dolphin, *Stenella clymene*Common dolphin, *Delphinus delphis*Fraser's dolphin, *Lagenodelphis hosei*

Northern right-whale dolphin,

Lissodelphis borealis

Pacific white-sided dolphin,

Lagenorhynchus obliquoides

Pantropical spotted dolphin,

*Stenella attenuata*Risso's dolphin, *Grampus griseus*Rough-toothed dolphin, *Steno bredanensis*

Spinner dolphin (Eastern),

*Stenella longirostris orientalis*Striped dolphin, *Stenella coeruleoalba*

Whitebelly spinner dolphin,

Stenella longirostris

White-beaked dolphin,

*Lagenorhynchus albirostris***Fur seals**Guadalupe fur seal, *Arctocephalus townsendi*Northern fur seal, *Callorhinus ursinus***Manatees**Florida manatee, *Trichechus manatus latirostris*

Antillean manatee,

*Trichechus manatus manatus***Porpoises**Dall's porpoise, *Phocoena dalli*Harbor porpoise, *Phocoena phocoena***Seal lions**California sea lion, *Zalophus californianus*Stellar sea lion, *Eumetopias jubatus***Seals**Bearded seal, *Erignathus barbatus*Grey seal, *Halichoerus grypus*Harbor seal, *Phoca vitulina*Harp seal, *Phoca groenlandica*Hawaiian monk seal, *Monachus shauinslandi*Hooded seal, *Cystophora cristata*Northern elephant seal, *Mirounga**angustirostris*Ribbon seal, *Phoca fasciata*Ringed seal, *Phoca hispida*Spotted seal, *Phoca largha***Whales**Baird's beaked whale, *Berardius bairdii*Beluga, *Delphinapterus leucas*

Blainville's beaked whale,

*Mesoplodon densirostris*Blue whale, *Balaenoptera musculus*Bowhead whale, *Balaena mysticetus*Bryde's whale, *Balaenoptera edeni*Cuvier's beaked whale, *Ziphius cavirostris*Dwarf sperm whale, *Kogia simus*False killer whale, *Pseudorca crassidens*Fin whale, *Balaenoptera physalus*Gervais' beaked whale, *Mesoplodon europaeus*Gray whale, *Eschrichtius robustus*Humpback whale, *Megaptera novaeangliae*Killer whale, *Orcinus orca*

Longfin pilot whale,

Globicephala melaena (melas)Melon-headed whale, *Peponocephala electra*

Mesoplodont beaked whales,

Mesoplodon spp.Minke whale, *Balaenoptera acutorostrata*

Northern bottlenose whale,

*Hyperoodon ampullatus*Northern Right whale, *Eubalaena glacialis*Pygmy Killer whale, *Feresa attenuata*Pygmy sperm whale, *Kogia breviceps*Sei whale, *Balaenoptera borealis*

Shortfin pilot whale,

Globicephala macrorhynchus

Sperm whale,

Physeter macrocephalus (catodon)

Stejneger's beaked whale,

*Mesoplodon stejnegeri***Other marine mammals**Polar bear, *Ursus maritimus*Sea otter, *Enhydra lutris*Walrus, *Odobenus rosmarus***Unit 25: Sea Turtles**Kemp's ridley, *Lepidochelys kempi*Olive ridley, *Lepidochelys olivacea*Leatherback, *Dermochelys coriacea*Green turtle, *Chelonia mydas*Loggerhead, *Caretta caretta*Hawksbill, *Eretmochelys imbricata*