

Index

- Abalone, 19, 25, 48, 51, 56-57, 59-61, 70, 73-74, 79, 87-97, 101-103, 113, 131, 142, 144-145, 147-148, 155, 158, 256, 273, 280, 282, 347, 471, 493-495, 499, 515, 522, 538, 553-554,
- Abalone culture, 493, 495, 515
- Acipenser medirostris*, 465
- Acipenser transmontanus*, 467, 469
- Agarophytes, 286-287
- Ahnfeltia, 286
- Albacore, 48, 57, 67, 215-216, 291, 315, 317-321, 325-326, 332, 348, 352, 354-355, 357, 567
- Alopias vulpinus*, 339
- Amphistichus argenteus*, 229, 236
- Amphistichus koelzi*, 236-237
- Amphistichus rhodoterus*, 236, 238
- Angel shark, 149-150, 248-251, 553-554
- Anoplopoma fimbria, 390, 392
- Appendices, 20, 417, 123, 551
- Aquaculture: overview, 493
- Arctocephalus townsendi*, 523, 525
- Arrowtooth flounder, 119, 203-204, 264, 266, 268, 556
- Atheresthes stomias*, 203
- Atherinops affinis*, 243
- Atherinopsis californiensis*, 243, 245
- Atractoscion nobilis*, 206, 208, 510, 512
- Balaenoptera acutorostrata*, 531
- Balaenoptera musculus*, 530-531
- Balaenoptera physalus*, 531
- Bank rockfish, 378-379
- Barracuda, 19, 27, 53-54, 63, 79, 127, 149-150, 219-221, 263-264, 269, 301, 323, 326, 363, 555
- Barred sand bass, 113, 149, 151, 198, 222-227, 269-272, 554
- Barred surfperch, 138, 229, 236-237, 239
- Basking shark, 345-347
- Bat ray, 257-258, 260
- Bay and Estuarine Plants: Overview, 481-482
- Bay and Estuary Ecosystems, 431, 435-436, 481, 491
- Bay and Estuary Finfish Resources, 455
- Bay and Estuary Invertebrate Resources, 437-438
- Bay shrimp, 439-442, 453, 467, 476, 514, 554
- Big skate, 257-258, 441
- Bigmouth sole, 203
- Birds, 26, 32-35, 37, 45, 138, 158, 163, 176-177, 179, 182, 202, 211, 247, 293, 297, 301, 305, 310, 366, 370, 380-381, 435, 455, 458, 472, 476, 484, 486-487, 505, 511, 514-516, 521-522, 538, 541-550
- Black abalone, 90, 92-94, 96, 188
- Black perch, 236
- Black rockfish, 68, 79, 162-164, 167-168
- Black-and-yellow rockfish, 173, 185-187
- Blackgill rockfish, 368-369, 378
- Blue rockfish, 26, 68, 162-168, 187, 194, 372
- Blue shark, 342-344
- Blue whale, 530-532
- Bluefin tuna, 215-217, 235, 299, 308, 315, 325-327
- Bocaccio, 22, 26, 166, 359, 361-363, 366-367, 372, 380, 398-400, 402, 404, 554
- Bonito, 27, 54, 79, 149, 215-218, 263-264, 269, 301, 363, 558
- Bottlenose dolphin, 533
- Brachyistius frenatus*, 236
- Brown rock crab, 112, 114
- Brown rockfish, 68, 170-174, 188, 441, 455
- Bull kelp, 25, 79, 91, 102, 273, 282-284, 554
- Butter clam, 447-448
- Butter sole, 203
- Butterfly ray, 260
- Cabazon, 19, 68, 79, 91, 95, 99, 109, 113, 116, 150-151, 157-159, 177, 179, 181-182, 263-264, 269, 449, 554
- Calico rockfish, 68, 149, 179-180, 555
- Calico surfperch, 236-237
- California Barracuda, 19, 79, 149-150, 219-221, 555
- California corbina, 136, 149, 228-229, 231, 555
- California halibut, 19, 21, 69, 149-151, 165, 195-200, 203, 236, 248, 363, 435, 455, 510-511, 555
- California market squid, 295-298
- California scorpionfish, 53-54, 68, 149-150, 160-161, 562
- California sea lion, 310, 523-524, 526-527
- California sheephead, 56, 68, 149-150, 155-156, 555-556
- California skate, 258, 261
- California tonguefish, 203
- California's Variable Ocean Environment, 21-28
- Callorhinus ursinus, 523, 525
- Canary rockfish, 175-176, 359, 372, 554
- Cancer antennarius*, 114

- Cancer anthonyi*, 112, 114
Cancer magister, 107
Cancer productus, 112
Carcharodon carcharias, 345, 347
 Carrageenophytes, 286-287
Cebidichthys violaceus, 181-182
Cetorhinus maximus, 345, 347
 Chilipepper, 170, 359, 362-363, 366-367, 398-399,
 China rockfish, 68, 185-187
 Chinook salmon, 32, 109, 176, 193, 370, 407, 409-414,
 417-418, 424, 460, 463, 466, 508-509,
 Chione, 451-452
Chione californiensis, 451
Chione fluctifraga, 451
Chione undatella, 451
Chondrus crispus, 286-287
 Chum salmon, 405, 407
Citharichthys fragilis, 201-202
Citharichthys sordidus, 201-202
Citharichthys stigmatæus, 201-202
Citharichthys xanthostigma, 201
Clupea pallasii, 456, 459
 C-O turbot, 202
 Coastal Pelagic Species: overview, 293-294
 Coastal Wetlands, 29, 32, 35, 483-486, 546,
 Coho salmon, 29, 69, 405, 410, 412-413, 415-417, 507-508
 Commercial Fishing Gear, 206, 215, 577-582
 Common dolphin, 533
 Coonstripe shrimp, 129-130, 555
 Copper rockfish, 68, 173-174, 177
Coryphaena hippurus, 352-353
 Cow shark, 470
 Cowcod, 359, 363-365, 401-402
Crangon franciscorum, 439-440, 442
Crangon nigricauda, 440, 442
Crangon nigromaculata, 440
Crassostrea gigas, 500
Crassostrea sikamea, 501
Crassostrea virginica, 500, 506, 570
 Curlfin turbot, 203
 Dall's porpoise, 534-535
Dasyatis brevis, 260
Delphinus capensis, 533
Delphinus delphis, 533
 Delta smelt, 463, 472-473, 475-479, 564
 Diamond stingray, 260
 Diamond turbot, 203
 Dolphin, 331-332, 352-353, 356-357, 533-534, 555
 Dolphinfish, 315, 471
 Dolphins, 179, 291, 331-332, 470-471, 521, 529-535, 568
 Dorado, 323, 352-353
 Dover sole, 27, 359-360, 374, 382-384, 389-390,
 Dungeness crab, 71, 73-74, 87-88, 107-112, 129, 435, 437,
 455, 514
 Dwarf perch, 236
 Eelgrass, 33-34, 37, 177, 193, 207, 226, 243-244, 384, 435,
 459, 481, 484, 487-490, 502, 505, 516, 555-556
Embiotoca jacksoni, 236
Embiotoca lateralis, 236, 239
 Emergent Marshes, 483-486
Emerita analoga, 138-139
 English sole, 200 384-385, 441
Engraulis mordax, 293, 303, 305
Enhydra lutris, 101, 536, 540
Eopsetta exilis, 203
Eopsetta jordani, 386-387, 389
Errex zachirus, 388
Eschrichtius robustus, 531, 535
 Eucheuma, 286
 Eulachon, 472, 477-478, 564
Eumetopias jubatus, 523-524
 Exotic Species, 30, 437, 473, 477, 493, 518
 Fantail sole, 203
 Fat gaper, 445
 Fin whale, 531
 Finfish culture, 510
 Fishing Gear, 20, 37, 53, 64, 67-68, 73, 140, 150, 206, 215,
 220, 232, 243, 328, 332, 336, 345, 467, 521, 523, 544,
 567, 570, 574, 577-582
Galeorhinus galeus, 255
 Gaper clams, 445-447, 449, 556
Genyonemus lineatus, 234-235
 Geoduck, 437, 449-450, 556
 Giant kelp, 25, 28, 79, 91, 101-102, 140, 164, 194, 207,
 273, 277-284, 288, 457, 495, 556

- Giant sea bass, 99, 149-150, 209-211, 220, 235, 258, 308, 363, 510-511, 557
- Girella nigricans*, 241-242
- Globicephala macrorhynchus*, 532-533
- Glossary, 20, 567-576
- Gopher rockfish, 68, 173, 185-188
- Grampus griseus*, 533-534
- Grass rockfish, 68, 172, 182, 185-188, 271
- Gray whale, 522, 529, 531-532, 535
- Green abalone, 92-93, 96
- Green sturgeon, 465-466
- Groundfish: Overview, 359-360
- Grunion, 34, 149, 151, 220, 232, 243, 246-247, 341, 472, 557
- Guadalupe fur seal, 522-523, 525-526
- Gulf sanddab, 201
- Gull, 542-5454
- Gymnogongrus, 286
- Gymnura marmorata*, 260
- Halfmoon, 79, 112, 149, 241-242, 279
- Halibut, 19, 21, 69, 125, 149-151, 165, 195-200, 203-204, 209, 232, 235-236, 248, 259, 263-264, 270, 348, 363, 396, 435, 455, 478, 510-511, 536, 555-556
- Haliotis corrugata*, 89
- Haliotis cracherodii*, 89
- Haliotis fulgens*, 89
- Haliotis rufescens*, 91, 96-97, 494-495,
- Haliotis sorensensi*, 89
- Harbor porpoise, 527, 534
- Herring, 19, 27, 48, 51, 53, 55-57, 59-60, 63, 69, 73-74, 129, 183, 193, 207, 244, 253, 259, 300, 341, 386, 409, 427, 435, 455-459, 468, 480, 487, 489, 491, 521, 523-524, 531, 545, 559, 568, 571, 573
- Hexagrammos decagrammus*, 183-184
- Hexanchus griseus*, 470-471
- Highly Migratory Species: overview, 315-316
- Hinnites multirugosus*, 142
- Hippoglossina stomata*, 203
- Hippoglossus stenolepsis*, 203
- Hornyhead turbot, 203
- Human Ecosystem, 47-66
- Humpback whale, 530
- Hyperprosopon anale*, 236
- Hyperprosopon argenteum*, 236
- Hyperprosopon ellipticum*, 236
- Hypomesus pretiosus*, 474
- Hypomesus nipponensis*, 474, 479
- Hypomesus transpacificus*, 472, 479
- Hypsopsetta guttulata*, 203
- Hypsurus caryi*, 236
- Invasive Species, 34, 435, 486, 488, 498, 513-520, 572
- Iridaea, 286
- Isurus oxyrinchus*, 336, 338
- Jack mackerel, 27, 212, 216, 220, 293-294, 299, 304, 306, 308-311, 341, 361, 557
- Jacksmelt, 243-246, 253, 472, 563
- Japanese littleneck, 451
- Katsuwonus pelamis*, 328, 330
- Kelp, 21, 25, 28, 30-31, 33-34, 36, 47, 68-69, 79, 90-92, 95, 99, 101-103, 105-106, 116, 128, 132, 140-141, 143, 149-151, 155-158, 163-166, 168, 170, 174, 181, 183-187, 190-191, 193-194, 206-207, 209-210, 212, 220, 222-227, 232, 236, 239, 241, 243-244, 252, 259-260, 269-273, 277-285, 288, 307, 361, 363, 366, 435, 457, 470, 495, 516, 532, 537, 554, 556-557, 573
- Kelp bass, 21, 25, 79, 99, 149, 151, 222-227, 259, 269-272, 557
- Kelp greenling, 149, 183-184, 191, 193
- Kelp perch, 236
- Kelp rockfish, 25, 68, 165, 185-187
- Killer whale, 470, 532
- Kumamoto oyster, 501-502, 504-506
- Lagenorhynchus obliquidens*, 534
- Lamna ditropis*, 345, 347
- Lampris guttatus*, 348
- Law Enforcement, 20, 67-72
- Leopard shark, 252-254, 435, 441, 455,
- Leuresthes tenuis*, 246-247
- Lingcod, 22, 27, 54-55, 66, 68, 109, 124, 129, 149-151, 158, 163-166, 177, 179, 183, 188, 190-194, 263-264, 270, 359, 366, 381, 388, 396, 554, 565
- Lissodelphis borealis*, 534
- Littleneck clam, 451
- Loligo opalescens*, 293, 295, 297-298
- Longfin sanddab, 201
- Longfin smelt, 472-473, 476-479, 564
- Longnose skate, 258

- Longspine thornyhead, 374-375
 Louvar, 341, 350-351, 356, 557
Loxorhynchus grandis, 115, 117
Luvarus imperialis, 350-351
Lysmata californica, 127
 Mackerel sharks, 345-347
Macrocystis pyrifera, 164, 194, 273, 277, 283
 Mahi mahi, 352
 Mako shark, 336-339, 354-355
 Management Considerations, 553-566
 Manila clam, 451-452
 Marine Birds, 33-35, 163, 177, 310, 366, 455, 458, 521-522, 541-550
 Marine Birds and Mammals: overview, 521-522
Medialuna californiensis, 241-242
Megaptera novaeangliae, 530
Megastrea undosa, 140
Merluccius productus, 393, 397, 120
Micrometrus aurora, 236
Micrometrus minimus, 236
Microstomus pacificus, 382-383, 389
 Minke whale, 531
Mirounga angustirostris, 525
 Mobula, 260
Mobula japonica, 260
 Monkeyface prickleback, 149, 181-182, 557
Morone saxatilis, 460, 463-464
 Mussel culture, 496
Myliobatis californica, 257, 260
Mytilus californianus, 496
Mytilus galloprovincialis, 496, 499
Mytilus trossulus, 496
 Nearshore Marine Plant Resources, 17, 273
 Nearshore rockfishes, 164-165, 169, 174, 178-179, 185-188, 190
Nereocystis luetkeana, 282, 284
 Night smelt, 472, 474, 476, 478, 480, 564
 Nonindigenous Species, 34, 37-38, 435
 Northern anchovy, 21, 24, 28, 216, 220, 293, 302-307, 309-310, 545
 Northern bluefin tuna, 325-327
 Northern elephant seal, 523, 525-527
 Northern fur seal, 523, 525-526
 Northern right-whale dolphin, 534
Notorynchus cepedianus, 470-471
 Ocean shrimp, 87-88, 118-120, 129
 Offshore ecosystem, 26, 289, 291-292
 Olive rockfish, 68, 79, 168-169
Oncorhynchus gorboscha, 405
Oncorhynchus keta, 405
Oncorhynchus kisutch, 405, 417, 507
Oncorhynchus mykiss, 405, 411, 418, 507
Oncorhynchus nerka, 405
Oncorhynchus tshawytscha, 405, 407, 417
 Opah, 348-349, 356, 558
 Opaleye, 127, 138, 149, 241-242, 265-266, 279
Ophiodon elongatus, 191, 194
Orcinus orca, 532
Ostreola conchaphila, 500
Ostreola lurida, 500
 Other flatfishes, 386, 150, 198, 201, 203-205
 Other nearshore rockfishes, 185-188
 Oyster culture, 496, 500-502, 504, 506
 Pacific angel shark, 149, 248-251
 Pacific bonito, 79, 149, 215-218, 558
 Pacific gaper, 445-446
 Pacific hake, 21, 27, 119-120, 341, 366, 393-397, 399, 402, 404, 558
 Pacific halibut, 348, 396, 203-204, 556
 Pacific harbor seal, 523-524, 526-527
 Pacific herring, 48, 69, 207, 435, 455-459, 487, 489, 491, 559
 Pacific mackerel, 22, 27, 207, 212, 216, 220, 223, 293-294, 304, 306-310, 314,
 Pacific northern bluefin tuna, 325-327
 Pacific oyster, 500-501, 504
 Pacific razor clam, 443-444, 559
 Pacific salmon, 341, 407-419, 426-427
 Pacific sanddab, 341, 201-202
 Pacific sardine, 21-22, 24, 27-28, 196, 220, 293, 299-302, 304, 306, 308-310, 341, 545, 547
 Pacific white-sided dolphin, 534
Palaemon macrodactylus, 440
Pandalus danae, 129
Pandalus jordani, 118, 120

- Pandalus platyceros*, 121, 123, 126
Panope generosa, 449-450
Panulirus interruptus, 98, 100
Paralabrax clathratus, 222-223
Paralabrax maculatofasciatus, 226-227
Paralabrax nebulifer, 198, 224
Paralichthys californicus, 195, 198, 510
Parastichopus californicus, 131, 134
Parastichopus parvimensis, 134
Pelagic stingray, 260
Pelican, 33, 3001, 305, 541-542, 546, 550
Petrale sole, 384, 386-387, 389, 21, 119, 199
Phanerodon atripes, 236
Phanerodon furcatus, 236
Phocoena phocoena, 534
Phocoenoides dalli, 534-535
Physeter catodon, 532
Pile perch, 127, 236-238, 240
Pilot whale, 532-533
Pink abalone, 89, 92, 95
Pink salmon, 405, 407
Pink seaperch, 236
Pinnipeds, 177, 521-525, 529-529
Pismo clam, 87, 135-137, 437, 559
Platichthys stellatus, 199-200
Platyrrhinoidis triseriata, 257, 259
Pleuronectes bilineatus, 203
Pleuronectes isolepis, 203
Pleuronectes vetulus, 384
Pleuronichthys coenosus, 203
Pleuronichthys decurrens, 203
Pleuronichthys ritteri, 203
Pleuronichthys verticalis, 203
Porpoises, 220, 301, 308, 395, 521-522, 529-535, 568
Postelsia palmaeformis, 285
Prionace glauca, 342, 344
Protothaca laciniata, 451
Protothaca staminea, 451
Protothaca tenerrima, 451
Psettichthys melanostictus, 203
Pteroplatytrygon violacea, 260
Purple sea urchin, 101, 105-106, 560
Quillback rockfish, 68, 170, 177-178
Rainbow perch, 236
Raja binoculata, 257
Raja inornata, 258
Raja rhina, 258
Rays, 53, 91, 93, 95, 116, 125, 136, 149, 151, 210, 236-237, 253, 256-262, 346, 348, 388, 396, 452, 455, 467, 470-471, 501, 503, 526, 563, 569
Razor clam, 443-444, 559
Red abalone, 89-93, 95-97, 102, 145, 147-148, 494-495, 554
Red rock crab, 112, 114
Red rock shrimp, 187, 127-128, 560
Red sea urchin, 26, 87, 91, 101-106, 560
Redtail surfperch, 150, 236-238
Reef perch, 236
Restricted Access, 19-20, 70, 73-76, 98, 105, 165, 216, 560-561
Reviewers, 20, 583-584
Rex sole, 388-389, 400
Rhacochilus toxotes, 236, 239
Rhacochilus vacca, 236, 238
Rhinobatos productus, 257, 259
Ridgeback prawn, 88, 121, 123-126, 561
Risso's dolphin, 533-534
Rock crabs, 87, 112-113, 115, 136, 501, 561
Rock scallop, 142-143, 561
Rock sole, 203
Roncador stearnsii, 230
Round stingray, 259-260
Rubberlip seaperch, 236, 239-240
Sablefish, 27, 76, 119, 291, 359-361, 366, 374, 382, 390-392, 401-402,
Salmo gairdneri, 418
Salmon, 19, 21, 27, 29, 32, 36, 48, 50-57, 59-61, 63, 66, 69, 73-74, 107, 109-110, 122, 162, 176-177, 179, 193, 195, 259, 291, 295, 309, 341, 345-348, 361, 366, 370, 380-381, 394, 405-420, 424-429, 457, 460, 463, 466, 472, 478, 484, 507-509, 521, 523-524, 558-559, 561, 567, 569-572, 584
Salmon culture, 507-508
Salmon shark, 345-347
Salmonids: overview, 405
Sand basses, 224-227

- Sand crab, 138-139, 562
- Sand sole, 203
- Sanddabs, 149, 201-203
- Sarda chiliensis*, 215, 218
- Sardine, 21-22, 24, 27-28, 70, 129, 151, 196, 220, 234, 291, 293-294, 299-304, 306, 308-310, 312-313, 319, 335, 337, 341, 348, 544-545, 547, 550,
- Sardinops sagax*, 293, 299-300, 302
- Saxidomus giganteus*, 447
- Saxidomus nuttalli*, 447
- Scomber japonicus*, 293, 306, 308
- Scorpaena guttata*, 160
- Scorpaenichthys marmoratus*, 157-158
- Scorpionfish, 53-54, 63, 68, 149-150, 160-161, 265-266, 272, 562
- Sea cucumbers, 131
- Sea otter, 87, 89, 91-92, 96, 101-102, 113, 136-137, 279, 282, 437, 450, 498, 522, 536-540, 553, 556, 559
- Sea palm, 273, 285
- Seabirds, 37, 47, 150, 193, 199, 291, 308, 521, 541-550
- Sebastes auriculatus*, 170
- Sebastes carnatus*, 185
- Sebastes caurinus*, 173
- Sebastes chrysomelas*, 185
- Sebastes dalli*, 179
- Sebastes entomelas*, 370-371
- Sebastes flavidus*, 372
- Sebastes goodei*, 366
- Sebastes jordani*, 380-381
- Sebastes levis*, 363
- Sebastes maliger*, 177-178
- Sebastes melanops*, 162
- Sebastes melanostomus*, 368-369
- Sebastes miniatus*, 189
- Sebastes mystinus*, 165
- Sebastes nebulosus*, 185
- Sebastes paucispinis*, 361
- Sebastes pinniger*, 175
- Sebastes rastrelliger*, 172, 185, 188
- Sebastes rufus*, 378-379
- Sebastes serranoides*, 168-169
- Sebastes serripes*, 185, 188
- Sebastolobus alascanus*, 377
- Sebastolobus altivelis*, 374, 377
- Semicossyphus pulcher*, 155-156
- Seriola lalandi*, 212
- Sevengill shark, 253, 255, 470-471
- Sharpnose seaperch, 236
- Sheep crab, 88, 115-117, 145, 147-148, 562
- Shiner perch, 460, 498, 193, 236
- Shortbelly rockfish, 176, 341, 380-381
- Shortfin mako shark, 336-339
- Shortfinned pilot whale, 532-533
- Shortspine thornyhead, 374, 376
- Shovelnose guitarfish, 257, 259-260
- Sicyonia ingentis*, 123-126
- Siliqua patula*, 443-444
- Silver surfperch, 236, 239
- Silversides, 53, 63, 206, 243-246, 265-266, 477, 563
- Sixgill shark, 470-471
- Skates and rays, 149, 151, 257-262, 563, 569
- Skipjack tuna, 216, 315, 328-330, 333, 563
- Slender sole, 203
- Sockeye salmon, 27, 405, 407
- Soupin shark, 150, 255-256
- Spartina, 483
- Speckled sanddab, 201-202
- Sperm whale, 522, 532
- Sphyræna argentea*, 219, 221
- Spiny lobster, 21, 79, 87-88, 98-100, 280, 556, 563
- Spirinchus starksi*, 476
- Spirinchus thaleichthys*, 476, 479
- Spot prawn, 75, 121-126, 563
- Spotfin croaker, 138, 229-231, 563
- Spotfin surfperch, 236, 239
- Spotted sand bass, 149, 222, 226-227, 564
- Squatina californica*, 248, 251
- Squid, 19, 21, 27, 48, 52, 55-57, 59-61, 70, 74-75, 87, 151, 158, 174, 190, 196, 202, 206-207, 210, 212, 215, 217, 220, 224, 235, 243, 250, 291, 293-298, 306-307, 309-310, 319, 323, 326, 333, 335, 337, 341-343, 361, 366, 521, 523-524, 526, 531-533, 538, 547, 568, 571-572, 583
- Starry flounder, 149, 199-200, 203, 385, 435, 441, 449
- Steelhead, 32, 67, 405-406, 411, 415, 417-427, 507-509, 523, 561, 564

- Steelhead rainbow trout, 418-425
- Steller sea lion, 524
- Stereolepis gigas*, 510
- Striped bass, 53-54, 63, 69, 437, 439, 441, 455, 460-464, 467, 469, 477, 480
- Striped marlin, 308, 334-335, 564
- Striped seaperch, 193, 236, 239-240
- Strongylocentrotus franciscanus*, 101, 104-106
- Strongylocentrotus purpuratus*, 105-106
- Submerged Aquatic Plants, 487-492
- Surf smelt, 79, 151, 472-474, 476, 478, 564
- Surfperches, 27, 149, 151, 236-240, 253, 435, 455
- Swordfish, 27, 48, 57, 59-61, 67, 315, 322-324, 328, 331-332, 334, 336, 339, 341-343, 350, 352, 356, 363, 396, 471, 564, 574
- Symphurus atricauda*, 203
- Tapes philippinarum*, 451
- Thaleichthys pacificus*, 477
- Thornback, 257, 259-260
- Thornyheads, 359-360, 374-377, 382, 390
- Thresher shark, 248, 315, 336-337, 339-341
- Thunnus alalunga*, 317, 321
- Thunnus albacares*, 331, 333
- Thunnus orientalis*, 325
- Tivela stultorum*, 135, 137
- Topsmelt, 472, 220, 243-244, 246, 253, 563
- Trachurus symmetricus*, 293, 309, 311
- Treefish, 68, 149, 185-188, 272
- Tresus capax*, 445-446
- Tresus nuttalli*, 445
- Triakis semifasciata*, 252, 254
- True smelts, 27, 243, 246, 455, 472-480
- Turban snail, 140-141, 145, 147-148
- Umbrina roncadore*, 232
- Urolophus halleri*, 259
- Vermilion rockfish, 26, 189-190, 363
- Wakasagi, 472-476, 479, 565
- Walleye surfperch, 236, 239-240
- Washington clam, 447-448, 565
- Water Quality, 20, 29-45, 87, 227, 416, 419, 437, 452, 481, 483, 486, 493, 497, 500-502, 505, 507, 510, 517-518, 558
- Wavy turban snail, 140-141, 145, 147-148
- Whales, 291, 301, 335, 346, 395, 471, 521-522, 529-535, 537, 567-568
- White abalone, 19, 89, 93-95, 97, 494
- White croaker, 56, 150, 196, 234-235, 264, 266, 268-272, 341, 441, 565
- White seabass, 56, 79, 119-120, 127, 149-151, 206-209, 212, 308, 493, 510-512
- White shark, 151, 253, 255, 345-347, 470, 532
- White sturgeon, 441, 455, 465-469
- Widow rockfish, 19, 171, 359, 363, 370-372,
- Xiphias gladius*, 322, 324
- Yellow rock crab, 112
- Yellowfin croaker, 138, 232-233, 565
- Yellowfin tuna, 27, 215-216, 315, 328, 331-333, 563, 565
- Yellowtail, 127, 67, 79, 149-150, 163, 166, 168, 212-214, 264, 266-268, 272, 301, 308, 326, 359, 363, 372-373, 398-399, 565
- Yellowtail rockfish, 163, 168, 359, 372-373
- Zalembius rosaceus*, 236
- Zalophus californianus*, 523-524
- Zostera marina*, 481, 487, 490

