Authors, Titles, and Subjects in the Marine Fisheries Review 55(1-4), 1993

A

Acanthocybium solandri-see Wahoo Acanthurus dussumieri-see Palani Aitaoto, Fini-see Craig et al. Aku-see Tuna, skipjack Alaska lingcod observations, 1:19-24 Albatross, 2:84 American Samoa Dept. of Marine and Wildlife Resources fisheries data collection, 2:109-110 fishery artisanal, 2:111-112 bottomfish, 2:113 commercial tuna, 2:114 domestic, 2:110-111 pelagic, 2:112 shoreline subsistence, 2:111 tournament, 2:113-114 Actinopyga echinites-see Sea cucumber, brown fish Actinopyga miliaris-see Sea cucumber, black fish Anglers

central Gulf of Mexico travel characteristics, 1:25-31 shark tournaments

- consumer surplus, 3:24-25 fishing activity, 3:23 fishing attitudes, 3:23-24

- Antipathes dichotoma—see Coral, black
- Antipathes grandis-see Coral, black
- Antipathes ulex-see Coral, black
- Aphareus rutilans-see Lehi
- Aprion virescens-see Uku
- Argopecten gibbus-see Scallop, calico
- Atheresthes stomias-see Flounder, arrowtooth

B

"Background concepts for a rotating harvest strategy with particular reference to the Mediterranean red coral, Corallium rubrum," by J. F. Caddy, 1:10 Barss, William H., "Pacific hagfish, *Eptatretus*

stouti, and black hagfish, E. deani: The Oregon fishery and port sampling observa-tions, 1988-92," 4:19

Bêche-de-mer

grading, 4:3 history, 4:1-2 markets, 4:9-11 production Fiji, 4:5-6 India, 4:7

- Indian Ocean, Western, 4:7 Indonesia, 4:6 Japan, 4:7-8
- Malaysia, 4:6
- Maldives, 4:7
- New Caledonia, 4:5-6
- Papau New Guinea, 4:6
- Philippines, 4:6
- Sri Lanka, 4:7 "Biology and management of deepwater snap-
- pers of the Hawaiian Archipelago," by Wayne R. Haight, Donald R. Kobayashi, and Kurt E. Kawamoto, 2:20

- Boehlert, George W., "Fisheries and marine resources of Hawaii and the U.S.-associated
- Pacific islands: An introduction," 2:3 Boehlert, George W., "The fisheries of Hawaii and U.S.-associated Pacific islands," 2:1 Boggs, Christofer H., and Bert S. Kikkawa, "The
- development and decline of Hawaii's skipjack
- tuna fishery," 2:61 Boggs, Christofer H., and Russell Y. Ito, "Hawaii's pelagic fisheries," 2:69
- Booby, 2:84
- Branstetter, Steven, and John A. Musick, "Comparisons of shark catch rates on longlines using rope/steel (Yankee) and monofilament gangions," 3:4
- By-catch
- tiger shark, 3:1-3
- protected/endangered species, 2:83-92
- Byrne, Maria-see Conand and Byrne

C

- Caddy, J. F., "Background concepts for a rotating harvest strategy with particular reference to the Mediterranean red coral, Corallium rubrum," 1:10
- Calico Scallop Conservation Association, 4:14-18
- Caranx sexfasciatus-see Ulua
- Caretta caretta-see Turtle, loggerhead
- Catch
- American Samoa, 2:111
- sea cucumbers, 4:12
- "Charter and party boat operators in the U.S. Gulf of Mexico: A social structure perspective," by Duane A. Gill, Robert B. Ditton, and Stephen M. Holland, 3:16
- Charterboat operators-see Vessel, charterboat
- Chelonia mydas—see Turtle, green sea Chesapeake Bight
- longline shark study, 3:4-9
- Cirrhipathes anguina-see Coral, black "The commercial, subsistence, and recreational fisheries of American Samoa," by Peter Craig, Bonnie Ponwith, Fini Aitaoto, and David Hamm, 2:109
- Comparisons of shark catch rates on longlines using rope/steel (Yankee) and monofilament gangions," by Steven Branstetter and John A. Musick, 3:4
- Conand, Chantal, and Maria Byrne, "A review of recent developments in the world sea cucum-ber fisheries," 4:1
- "A cooperative management solution to a fishery commons," by Jeffrey Pompe and Charles E. Rockwood, 4:14
- Coral, red
 - management population modelling, 1:10-14
 - rotating harvest strategies, 1:15-17
- Corals, precious
 - bamboo
 - harvest history, Hawaii, 2:52 black
 - harvest history, Hawaii, 2:50-54 industry growth, 2:56 management, 2:56-60
 - ecological requirements, 2:56
 - gold
 - harvest history, Hawaii, 2:52 life history patterns, 2:56

Pacific foreign yield, 1979-91, 2:53 pink/red

- harvest history, Hawaii, 2:50-53 industry growth, 2:56
- management, 2:56-60
- research needs, 2:56
- western Pacific depth zones, 2:56
- Corallium rubrum-see Coral, red
- Corallium species-see Coral, pink/red
- Coryphaena hippurus—see Mahimahi Craig, Peter, Bonnie Ponwith, Fini Aitaoto, and David Hamm, "The commercial, subsistence,
- and recreational fisheries of American Samoa," 2:109

D-E

Dermochelys coriacea-see Turtle, leatherback "The development and decline of Hawaii's skipjack tuna fishery," by Christofer H. Boggs and Bert S. Kikkawa, 2:61

- Diomedea species—see Albatross Diplock, J. H., "Tuna fisheries in the Federated States of Micronesia, 1979-90," 1:1
- Ditton, Robert B.-see Fisher and Ditton
- Ditton, Robert B.-see Gill et al.
- Dolphin
 - fishery interactions
 - bottlenose, 2:83
 - rough-toothed, 2:83
 - spinner, 2:83-84
- "An ecological perspective on inshore fisheries in the main Hawaiian Islands," by M.
- Kimberly Smith, 2:34
- Economics
- American Samoa fisheries, 2:109-116 bêche-de-mer markets, 4:9-11
- Guam fisheries
- bigeye scad, 2:126 bottomfish, 2:123
- reef-fish, 2:125
- troll, 2;120-121
- Hawaii
- central issues, 2:99-100
- charter values, 2:95

research, 2:97-98

Ehu, 2:20

Fiji

3:21

shrimp vessels, 2:33

Endangered Species Act, 2:89

Etelis coruscans-see Onaga

bêche-de-mer, 4:5-6

sea cucumber, 4:6

Fisheries, commercial

American Samoa

tuna, 2:114

hagfish, Oregon, 4:22-26 Hawaii, 2:8-18

ex-vessel values, 2:93-96

skipjack tuna decline, 2:66-67 subsistence, 2:94-95

shark angler expenditures, 3:24-25

Eptatretus deani-see Hagfish, black Eptatretus stouti-see Hagfish, Pacific

Eretmochelys imbricata—see Turtle, hawksbill *Etelis carbunculus*—see Ehu

F

Fisher, Mark R., and Robert B. Ditton, "A social and economic characterization of the U.S.

Gulf of Mexico recreational shark fishery,'

"Fisheries and marine resources of Hawaii and

duction," by George W. Boehlert, 2:3 "The fisheries of Hawaii and U.S.-associated Pacific islands," by George W. Boehlert, 2:1

31

calico scallop management, 4:14-18

economic value, 2:93-101

the U.S.-associated Pacific islands: An intro-

fisheries development, 2:96-97 lobster vessels, 2:30 recreational, 2:94-59

deepwater snappers, 2:22-23 lobster, 2:28-3 pelagic, 2:69-82 protected species interaction, 2:83-92 shrimp, 2:31-33 skipjack tuna, 2:61-67 main Hawaiian Islands aquarium landings, 2:46 catch per unit effort, 2:43-46 inshore landings, 2:43-46 inshore species, 2:40-41 markets, 2:46 reporting methods, 2:38-39 precious coral, 2:50-60 sea cucumber, 4:1-13 tuna longline, 1:3 pole-and-line, 1:1 purse seine, 1:3 Fisheries, noncommercial main Hawaiian Islands, 2:39 Fisheries, pelagic (Hawaii) abundance, 2;75 catch per unit effort, 2:76-80 handline, 2:74 longline, 2:70-73 outlook, 2:80-81 troll, 2:74 Fisheries, recreational American Samoa, 2:113-114 deepwater snappers, 2:23 Gulf of Mexico, central angler travel characteristics, 1:25-31 Gulf of Mexico, U.S. charter/party boat operators, 3:16-20 shark anglers, 3:21-27 Hawaii, 2:16-17 economic value, 2:94-95 main Hawaiian Islands, 2:39-40 **Fisheries** management common property resources, 4:14-18 deepwater snappers, 2:26 Guam inshore fishery, 2:136-137 hagfish, Oregon, 4:29 Hawaii economics, 2:98-99 lobster, 2:31-31 pelagic, 2:73-74 shrimp, 2:33 skipjack tuna, 2:67 issues Hawaii, 2:4-5 U.S.-associated Pacific Islands, 2:4-5 main Hawaiian Islands regulatory measures, 2:48 research, ongoing, 2:47-48 status of stocks, 2:47 plans, Hawaii, 2:90-91 precious coral harvesting, 2:54, 56 U.S. management, 2:58-60 protected species interaction, 2:89 red coral population modelling, 1:10-14 rotating harvest strategies, 1:15-17 sea cucumber, 4:13 tuna fisheries, 1:3-6 WPACFIN, 2:012-108 Flounder, arrowtooth protease inhibitor, 3:11-14 surimi study, 3:12

G

Galeocerdo cuvier-see Shark, tiger Gear, fishing deepwater snappers, 2:23 Guam inshore fishery, 2:135 longline Hawaiian, 3:1 monofilament vs. "Yankee," 3:4-8

main Hawaiian Islands catch, inshore commercial, 2:40-41 methods, 2:42-43 pelagic handline, 2:74-75 longline, 2:70-73 troll, 2:74 pole-and-line, 2:61-62 protected species interaction, 2:83-92 traps lobster, 2:28-30 shrimp, 2:31 Gerardia spp.—see Coral, gold Gill, Duane A., Robert B. Ditton, and Stephen M. Holland, "Charter and party boat operators in the U.S. Gulf of Mexico: A social structure perspective," 3:16 Gindai, 2:20 Gordon, William R., Jr., "Travel characteristics of marine anglers using oil and gas platforms in the central Gulf of Mexico," 1:25
Grigg, Richard W., "Precious coral fisheries of Hawaii and the U.S. Pacific Islands," 2:50 Guam fisheries bigeye scad, 2:125-126, 128 bottomfish, 2:121-123, 127 pelagic troll, 2:118-121, 126-127 reef-fish, 2:123-125, 127-128 inshore fisheries catch/effort estimates, 2:133-134 catch per unit effort, 2:135 finfish, 2:131-132 gear, 2:135 history, 2:130 management, 2:136-137 markets, 2:137 methods, 2:130-131 nonfish, 2:133 survey, 2:131 "Guam's small-boat-based fisheries," by Robert F. Myers, 2:117 Gulf of Mexico, central angler travel characteristics, 1:25-31

Η

Habitat main Hawaiian Islands inshore commercial species, 2:40-41 Hagfish black commercial fishery, 4:22-26 egg characteristics, 4:27 hermaphroditic, 4:27-28 history, 4:19-21 length, 4:25-26 management, 4:29 maturity, 4:26-27 spawning, 4:27 Pacific commercial fishery, 4:22-26 egg characteristics, 4:27 hermaphroditic, 4:27-28 history, 4:19-21 length, 4:25 management, 4:29 maturity, 4:26-27 spawning, 4:27 Hai-som—see Bêche-de-mer Haight, Wayne R., Donald R. Kobayashi, and Kurt E. Kawamoto, "Biology and management of deepwater snappers of the Hawaiian Archipelago," 2:20 Hake—see Whiting, Pacific Hamm, David—see Craig et al. Hamm, David C., "The Western Pacific Fishery Information Network: A fisheries information system," 2:102 Hawaii

deepwater snappers, 2:20-27 economics of marine fisheries, 2:93-101 fisheries

commercial, 2:8-13 diversity, 2:3 environmental issues, 2:5 evolution, 2:3-4 geographical areas, 2:7 landings, 2:13-15 lobster, 2:28-31 management issues, 2:4-5 pelagic, 2:69-82 protected species interaction, 2:83-92 recent developments, 2:17-18 recreational, 2:16-17 shrimp, 2:31-33 skipjack tuna, 2:61-67 vessel groups, 2:7-8 precious coral, 2:50-60 tiger shark movements, 3:1-3 WPACFIN, 2:102-108 Hawaii, main islands ecological perspective Hawaii, 2:38 Kauai, 2:36-37 Maui, 2:37-38 Oahu, 2:37 fisheries aquarium landings, 2:46 catch per unit effort, 2:44 commercial, 2:38-39 gears/methods, 2:42-43 inshore species, 2:40-41 management, 2:47-48 non-commercial, 2:39 non-consumptive, 2:46-47 research, ongoing, 2:47-48 regulations, 2:48 sport, 2:39-40 status of stocks, 2:47 "Hawaii's marine fisheries: Some history, longterm trends, and recent developments," by Samuel G. Pooley, 2:7 "Hawaii's pelagic fisheries," by Christofer H. Boggs and Russell Y. Ito, 2:69 He'e catch per unit effort, 2:44-45 Henderson, John R.—see Nitta and Henderson "Economics and Hawaii's marine fisheries," by Samuel G. Pooley, 2:93 Hensley, Rebecca A., and Timothy S. Sherwood, "An overview of Guam's inshore fisheries," 2:129 Heterocarpus ensifer-see Shrimp, deepwater Heterocarpus laevigatus-see Shrimp, deepwater Holland, Stephen M.-see Gill et al. Holothuria fuscogilva-see Sea cucumber, white teat fish Holothuria nobilis-see Sea cucumber, black teat fish Holothuria scabra-see Sea cucumber, sand fish Holothuria scabra versicolor-see Sea cucumber, white sand fish Holothuridea-see Sea cucumbers I-K-L India bêche-de-mer, 4:7 Indonesia bêche-de-mer, 4:6 "Inhibition of protease activity in muscle extracts and surimi from Pacific whiting, Merluccius productus, and arrowtooth flounder, Atheresthes stomias," by Roy W. Porter, Bar-bara Koury, and George Kudo, 3:10

Ito, Russell Y.-see Boggs and Ito

Kalekale, 2:20

Kamaboko

study

arrowtooth flounder, 3:12-14 Pacific whiting, 3:12-14

Katsuwonus pelamis-see Tuna, skipjack Kawamoto, Kurt E.—see Haight et al. Kikkawa, Bert S.—see Boggs and Kikkawa

Marine Fisheries Review

Kobayashi, Donald R.-see Haight et al. Koury, Barbara-see Porter et al. Kudo, George-see Porter et al. Lau, Boulderson B.-see Polovina and Lau Lehi, 2:20 Lepidisis olapa-see Coral, bamboo Lepidochelys divacea-see Turtle, olive ridley Lingcod nesting behavior, 1:21-24 nest description/locations, 1:21, 23 species interactions, 1:21-22 submersible observations, 1:19-24 "The lobster and shrimp fisheries in Hawaii," by Jeffrey J. Polovina, 2:28 Lobster, slipper Hawaiian fishery landings, 2:28-29 management, 2:30 stock assessment, 2:29 traps, 2:29-30 Lobster, spiny Hawaiian fishery biology, 2:29 landings, 2:28-29 management, 2:30 stock assessment, 2:29 traps, 2:29-30 Lutjanus kasmira-see Ta'ape

M-N

Magnuson Fishery Conservation Management WPACFIN, 2:102-108 Mahimahi fishery Guam, 2:119-120 Hawaiian, 2:70 Makaira mazara-see Marlin, blue Malaysia bêche-de-mer, 4:6

This statement is required by the Act of August 12, 1970, Section 3685, Title 39, U.S. Code, showing fownership, management, and circulation of the Marine Fisheries Review, publication number 366-360, and was filed on 16 September 1993. The Review is published quarterly (four issues annually) with an annual subscription price of \$7.00 (sold by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402). The complete mailing address of the office of publications is: NMFS Scientific Publications Office, NGAA, 7600 Sand Point Way NE, BIN C15700, Seattle, WA 98115. The complete mailing address of the head-quarters of the publishing agency is: National Marine, Fisheries Service, NOAA, Department of Commerce, 1335 East-West Highway, Silver Spring, MD 20910. The name of the publisher is Willis Hobart is their mailing address is: NMFS Scientific Publications Office, 7600 Sand Point Way NE, BIN C15700, Seattle, WA 98115. The owner is the U.S. Department of Commerce, 14th St. New, Washington, DC 20230; there are no bondholders, mortgages, or other security holders. The propose, function, and nonprofit status of the organization (agency) and the exempt status for Federal income tax purposes has not changed during the preceding 12 months of opies of the single structure of copies and individual sales) was 500 for both the average number of copies each issue during the preceding 12 months and hearest to the filing date. Free distribution (D) by mail articulation (B) is handled by the U.S. Government Printing Office, Washington, DC 20402, and (C) the total number of copies of the single issue published nearest to the filing date. Free distribution (E) sum of the actual number of copies each issue during the preceding 12 months and the actual number of copies of th

Maldives bêche-de-mer, 4:7 Marine Mammal Protection Act, 2:89 Marlin blue Guam fishery, 2:119-120 Hawaiian fishery, 2:70 striped Hawaiian fishery, 2:70 Megaptera novaeangliae-see Whale, humpback Merluccius productus-see Whiting, Pacific Micronesia, Federated States tuna fishery management, 1:1-9 Monachus schauinslandi-see Seal, Hawaiian monk Mulloides pflugeri—see Weke Myers, Robert F., "Guam's small-boat-based fisheries," 2:117 Myripristis berndti-see U'u New Caledonia sea cucumber, 4:3-5 Nitta, Eugene T., and John R. Henderson, "A review of interactions between Hawaii's fisheries and protected species," 2:83 O-P

O'Connell, Victoria M., "Submersible observa-tions on lingcod, *Ophiodon elongatus*, nesting below 30 m off Sitka, Alaska," 1:19 Octopus cyanea-see He'e Onaga, 2:20 Opakapaka, 2:20 Ophiodon elongatus-see Lingcod 'An overview of Guam's inshore fisheries," by Rebecca A. Hensley and Timothy S. Sherwood, 2:129 "Pacific hagfish, *Eptatretus stouti*, and black hagfish, *E. deani*: The Oregon fishery and port sampling observations, 1988-92," by William H. Barss, 4:19 Pacific, western precious coral, 2:50-60 Pacific Islands, U.S-associated

fisheries

diversity, 2:3

environmental issues, 2:5

evolution, 2:3-4 management issues, 2:4-5

Palani

catch per unit effort, 2:44-45 Panulirus marginatus—see Lobster, spiny

Parastichopus californicus

fishery, 4:8

Parasites

surimi processing

arrowtooth flounder, 3:10

Pacific whiting, 3:10

Party boat operators-see Vessel, party boat

Papau New Guinea bêche-de-mer, 4:6

Philippines

bêche-de-mer, 4:6

Polovina, Jeffrey J., "The lobster and shrimp fisheries in Hawaii," 2:28

Polovina, Jeffrey J., and Boulderson B. Lau, 'Temporal and spatial distribution of catches of tiger sharks, Galeocerdo cuvier, in the pelagic longline fishery around the Hawaiian Islands," 3:1

Pompe, Jeffrey, and Charles E. Rockwood, "A cooperative management solution to a fishery commons," 4:14

Ponwith, Bonnie—see Craig et al. Pooley, Samuel G., "Economics and Hawaii's marine fisheries," 2:93 Pooley, Samuel G., "Hawaii's marine fisheries:

Some history, long-term trends, and recent developments," 2:7

Population, sedentary management strategies, 1:15-17 population modelling, 1:10-14

Porter, Roy W., Barbara Koury, and George Kudo, "Inhibition of protease activity in muscle extracts and surimi from Pacific whiting, Merluccius productus, and arrowtooth flounder, Atheresthes stomias," 3:10

"Precious coral fisheries of Hawaii and the U.S. Pacific Islands," by Richard W. Grigg, 2:50

Pristipomoides filamentosus-see Opakapaka Pristipomoides seiboldii-see Kalekale

Pristipomoides zonatus-see Gindai

Pseudorca crassidens-see Whale, false killer

R-S

"A review of interactions between Hawaii's fisheries and protected species," by Eugene T. Nitta and John R. Henderson, 2:83

"A review of recent developments in the world sea cucumber fisheries," by Chantal Conand and Maria Byrne, 4:1

Rockwood, Charles E.-see Pompe and Rockwood

Sand fish, 4:3

white, 4:3

Scad, bigeye Guam fishery, 2:125-126, 128

Scallop, calico Calico Scallop Conservation Association, 4:16 history, 4:14-15

management, 4:15-17

Scarus species—see Uhu Scyllarides squammosus—see Lobster, slipper Seabirds

fishery interactions

albatross, 2:84

booby, 2:84

longline, 2;87

trolling, 2:87

Sea cucumbers

bêche-de-mer, 4:1-13 black fish, 4:3

black teat fish, 4:3

brown fish, 4:3

fishery, 4:1-13 British Columbia, 4:8-9

California, 4:8-9 Japan, 4:7-8

New Zealand, 4:8

Pacific Ocean, eastern 4:8

history, 4:1-2

management, 4:8

prickly red fish, 4:3

white teat fish, 4:3

Seal, Hawaiian monk

fishery interactions

gillnets, 2:88

handline, 2:85

lobster, 2:88

longline, 2:87

misc. gear, 2:88

management plan, 2:90-91 Selar crumenophthalmus-see Scad, bigeye

Shark

longline catch rates

rope/steel vs. monofilament, 3:6-8

tiger, Hawaiian Archipelago

longline catches, 3:2

spatial distribution, 3:1-3

temporal distribution, 3:1-3

tournament angler characteristics, 3:23-24 Shrimp, deepwater

Hawaiian fishery

habitat, 2:33

stock assessment, 2:31-33

Smith, M. Kimberly, "An ecological perspective on inshore fisheries in the main Hawaiian Is-

lands," 2:34 Snappers, deepwater

age, 2:22 data collecting, 2:24

distribution, 2:20-21

growth, 2:22 juvenile stage, 2:22

larval stage, 2:22 markets, 2:23 mortality, 2:22 reproduction, 2:21 season, 2:23 species, 2:20 stock assessment, 2:24-26 "A social and economic characterization of the U.S. Gulf of Mexico recreational shark fishery," by Mark R. Fisher and Robert B. Ditton, 3:21 Sri Lanka bêche-de-mer, 4:7 Stenella longirostris-see Dolphin, spinner Steno bredanensis-see Dolphin, rough-toothed Stichopodidae-see Sea cucumbers Stichopus mollis fishery, 4:8 Submersible lingcod observations, 1:19-24 precious coral harvesting, 2:56 "Submersible observations on lingcod, Ophiodon elongatus, nesting below 30 m off Sitka, Alaska," by Victoria M. O'Connell, 1:19 Sula spp.—see Booby Surimi study arrowtooth flounder, 3:10-12 Pacific whiting, 3:10-12 Swordfish, broadbill Hawaiian fishery, 2:70

Т

Ta'ape, 2:20 catch per unit effort, 2:44-45 main Hawaiian Islands inshore commercial landings, 2:44-45 Teat fish black, 4:3 white, 4:3 "Temporal and spatial distribution of catches of tiger sharks, Galeocerdo cuvier, in the pelagic longline fishery around the Hawaiian Islands, by Jeffrey J. Polovina and Boulderson B. Lau, 3:1 Tetrapturus audax-see Marlin, striped Thelenota ananas-see Sea cucumber, prickly red fish Thunnus alalunga-see Tuna, albacore

Thunnus albacares—see Tuna, yellowfin Thunnus obesus—see Tuna, bigeye

Thunnus thynnus-see Tuna, bluefin Travel characteristics of marine anglers using oil and gas platforms in the central Gulf of Mexico," by William R. Gordon Jr., 1:25 Trepang-see Bêche-de-mer Tuna bigeye assessment, 1:7 harvest levels, 1:8 fishery, Micronesia future of, 1:8-9 harvest, 1:7-8 history, 1:1 interactions, 1:6 longline, 1:3 management, 1:3-6 pole-and-line, 1:1 purse seine, 1:2 species assessment, 1:6-7 Hawaiian fishery albacore, 2:71 bigeye, 2:70 bluefin, 2:70 skipjack, 2:70 yellowfin, 2:70 skipjack assessment, 1:6-7 fishery history, Hawaii, 2:8-9 Guam fishery, 2:119-120 harvest levels, 1:8 Hawaiian fishery, 2:62-67 interactions, 1:6 pole-and-line, 1:1 yellowfin, 1:1, 7-8 assessment, 1:7 Guam fishery, 2:119-120 harvest levels, 1:8 pole-and-line, 1:1 "Tuna fisheries in the Federated States of Micronesia, 1979-90," by J. H. Diplock, 1:1 Tursiops truncatus-see Dolphin, bottlenose Turtle fishery interactions gillnets, 2:88 green sea, 2:84 hawksbill, 2:84 leatherback, 2:84 lobster, 2:88 loggerhead, 2:84 longline, 2:87 misc. gear, 2:88 olive ridley, 2:84

U-V

U'u catch per unit effort, 2:44-45 Uhu catch per unit effort, 2:44-45 Uku, 2:20 Ulua catch per unit effort, 2:44-45 Vessel charterboat, U.S. Gulf of Mexico business ties, 3:18 demographics, 3:17-18 information sources, 3:18-19 organization memberships, 3:18 fishing fleet, Hawaiian, 2:7-9, 12 party boat, U.S. Gulf of Mexico business ties, 3:18 demographics, 3:17-18 information sources, 3:18-19 organization memberships, 3:18

W-X

Wahoo Guam fishery, 2:119-120 Washington State sea cucumber fishery, 4:8 Weke catch per unit effort, 2:44-45 Western Pacific Fishery Information Network (WPACFIN) American Samoa, 2:109 challenges, 2:105-106 current system, 2:107-108 future, 2:108 history, 2:106-107 organization, 2:102-105 "The Western Pacific Fishery Information Network: A fisheries information system," by David C. Hamm, 2:102 Whale fishery interactions humpback, 2:84 false killer, 2:83, 87-89 Whiting, Pacific protease inhibitors, 3:11-14 surimi study, 3:11-12 Xiphias gladius-see Swordfish, broadbill

"An overview of Guam's inshore fisheries," by Rebecca A. Hensley and Timothy S. Sherwood, 2:129

55(3)

Papers in the *Marine Fisheries Review* 55(1-4), 1993

55(1)

- "Tuna fisheries in the Federated States of Micronesia, 1979-90," by J. H. Diplock, 1:1
- "Background concepts for a rotating harvest strategy with particular reference to the Mediterranean red coral, *Corallium rubrum*," by J. F. Caddy, 1:10
- "Submersible observations on lingcod, *Ophiodon elongatus*, nesting below 30 m off Sitka, Alaska," by Victoria M. O'Connell, 1:19
- "Travel characteristics of marine anglers using oil and gas platforms in the central Gulf of Mexico," by William R. Gordon Jr., 1:25

55(2)

- "The fisheries of Hawaii and U.S.-associated Pacific islands," by George W. Boehlert, 2:1
- "Fisheries and marine resources of Hawaii and the U.S.-associated Pacific islands: An introduction," by George W. Boehlert, 2:3
- "Hawaii's marine fisheries: Some history, longterm trends, and recent developments," by Samuel G. Pooley, 2:7
- "Biology and management of deepwater snappers of the Hawaiian Archipelago," by Wayne

R. Haight, Donald R. Kobayashi, and Kurt E. Kawamoto, 2:20

- "The lobster and shrimp fisheries in Hawaii," by Jeffrey J. Polovina, 2:28
- "An ecological perspective on inshore fisheries in the main Hawaiian Islands," by M. Kimberly Smith, 2:34
- "Precious coral fisheries of Hawaii and the U.S. Pacific Islands," by Richard W. Grigg, 2:50
- "The development and decline of Hawaii's skipjack tuna fishery," by Christofer H. Boggs and Bert S. Kikkawa, 2:61
- "Hawaii's pelagic fisheries," by Christofer H. Boggs and Russell Y. Ito, 2:69
- "A review of interactions between Hawaii's fisheries and protected species," by Eugene T. Nitta and John R. Henderson, 2:83
- "Economics and Hawaii's marine fisheries," by Samuel G. Pooley, 2:93
- "The Western Pacific Fishery Information Network: A fisheries information system," by David C. Hamm, 2:102
- "The commercial, subsistence, and recreational fisheries of American Samoa," by Peter Craig, Bonnie Ponwith, Fini Aitaoto, and David Hamm, 2:109
- "Guam's small-boat-based fisheries," by Robert F. Myers, 2:117

- "Temporal and spatial distribution of catches of tiger sharks, *Galeocerdo cuvier*, in the pelagic longline fishery around the Hawaiian Islands," by Jeffrey J. Polovina and Boulderson B. Lau, 3:1
- "Comparisons of shark catch rates on longlines using rope/steel (Yankee) and monofilament gangions," by Steven Branstetter and John A. Musick, 3:4
- "Inhibition of protease activity in muscle extracts and surimi from Pacific whiting, Merluccius productus, and arrowtooth flounder, Atheresthes stomias," by Roy W. Porter, Barbara Koury, and George Kudo, 3:10
- "Charter and party boat operators in the U.S. Gulf of Mexico: A social structure perspective," by Duane A. Gill, Robert B. Ditton, and Stephen M. Holland, 3:16
- "A social and economic characterization of the U.S. Gulf of Mexico recreational shark fishery," by Mark R. Fisher and Robert B. Ditton, 3:21

55(4)

- "A review of recent developments in the world sea cucumber fisheries," by Chantal Conand and Maria Byrne, 4:1
- "A cooperative management solution to a fishery commons," by Jeffrey Pompe and Charles E. Rockwood, 4:14
- "Pacific hagfish, *Eptatretus stouti*, and black hagfish, *E. deani*: The Oregon fishery and port sampling observations, 1988-92," by William H. Barss, 4:19