Authors, Titles, Subjects in the Marine Fisheries Review. Vol. 44, No. 1-12, 1982

Indexed here by author, title, and subject are the papers which appeared in the Marine Fisheries Review in 1982. Entries are indexed by number and page (i.e., 7:12 indicates the July number, page 12).

Anonymous notes, news articles, and regular departments are not indexed.

"Adult coho salmon recoveries and their Na+-K + ATPase activity at release," by Roy J. Wahle and Waldo S. Zaugg, 11:11

ice plant survey, 1980-81, 9-10:55

Allsup, Michael G.-see Licciardello et al.

Animals, aquatic tissue lesions

induced by controlled exposure to environmental contaminants, chemotherapeutic agents, and potential carcinogens, 12:1

"Artificial reefs as a resource management option for siting coastal power stations in southern California," by Robert S. Grove,

"Artificial reefs: Toward a new era in fisheries enhancement?," by Richard B. Stone,

"(The) Atlantic coast surf clam fishery, 1965-1974," by John W. Ropes, 8:1

Balazs, George H.—see Dizon and Balazs Barnett, Harold J., Frederick E. Stone, Glenn C. Roberts, Patrick J. Hunter, Richard W. Nelson, and Josephine Kwok, "(A) study in the use of a high concentration of CO2 in a modified atmosphere to preserve fresh salmon," 3:7

Barnett, Harold-see Patashnik et al. Baxter, Kenneth N.-see Klima et al. Bering Sea

marine mammal predation on squids, 2:1 Briggs, Hugh, Ralph Townsend, and James Wilson, "(An) input-output analysis of

Maine's fisheries," 1:1
Brown, John W., "Economic analysis of 'steam-shock' and 'pasteurization' processes for oyster shucking," 5:21

Buckley, Raymond M., "Marine habitat enhancement and urban recreational fishing in Washington," 6-7:28

C-WARP-see Reefs, artificial

California, southern reefs, artificial resource management option for siting coastal power stations, 6-7:24 Capps, Oral, Jr., "Consumer expenditure patterns for fish and shellfish," 3:1 Chelonia mydas-see Turtle, green "Chemical Composition and frozen storage

stability of spot, Leiostomus xanthurus, by Melvin E. Waters, 11:14 Clam, Atlantic surf

fishery, 1965-74 areas fished, 8:6 fleet operations, 8:7 interview records, 8:6 Long Island, 8:8 New England region, 8:11 New Jersey, 8:9 Ocean City, Maryland, 8:9 ports, number of vessels, and landings, 8:4

resource and fishery, 8:2 vessels and gear, 8:3 Virginia, 8:10

worldwide and United States, 8:11

Clam surveys

design of electrohydraulic dredge for, 4:1 Clam-kicking fishery

North Carolina anchor method, 1:16 bedstead method, 1:17 clam trawl, 1:19 oyster drag method, 1:18

"(The) clam-kicking fishery of North Carolina," by James F. Guthrie and Curtis W. Lewis, 1:16

Clupea harengus-see Herring

'(The) coal-waste artificial reef program (C-WARP): A new resource potential for fishing reef construction," by Peter M. J. Woodhead, Jeffrey H. Parker, and Iver W. Duedall, 6-7:16

"Comparison of shrimp and finfish catch rates and ratios for Texas and Louisiana,' by Noel H. Watts and Gilmore J. Pellegrin, Jr., 9-10:44

Consumer expenditure patterns fish, 3:1

shellfish, 3:1

"Consumer expenditure patterns for fish and shellfish," by Oral Capps, Jr., 3:1

"(The) design of an electrohydraulic dredge for clam surveys," by Ronald Joel Smolowitz and Vernon E. Nulk, 4:1

Dizon, Andrew E., and George H. Balazs, "Radio telemetry of Hawaiian green turtles at their breeding colony," 5:13

Dredge, electrohydraulic design of for clam surveys basic concept development, 4:1 blade design, 4:4 cage design, 4:5 diver observations, 4:7 dredge hydraulics, 4:11 main winch tension test. 4:8 manifold assembly, 4:5 operating parameters, 4:8 operation, 4:5 path surveys, 4:9 submersible pump mount, 4:5 submersible supply loss calculations, substrate testing, 4:8 surface supply loss calculations, 4:12 testing, 4:6 video taping, 4:8 Duedall, Iver W.-see Woodhead et al. Dyer, Debra-see Gorga et al.

"Early Development of Pendleton Artificial Reef," by John J. Grant, Kenneth C. Wilson, Allen M. Grover, and Heidi A. Togstad, 6-7:53

"Economic analysis of 'steam-shock' and 'pasteurization' processes for oyster shucking," by John W. Brown, 5:21

"(The) effects of an artificial reef on resident flatfish populations," by James M. Walton, 6-7:45

"Effects of the 1981 closure on the Texas shrimp fishery," by Albert C. Jones, Edward F. Klima, and John R. Poffenberger, 9-10:1

"Estimated impacts on ex-vessel brown shrimp prices and value as a result of the Texas closure regulation," by John R. Poffenberger, 9-10:38

"Extended fresh storage of fishery products with modified atmospheres: A survey," by Kurt A. Wilhelm, 2:17

Finfish

comparison of shrimp and, catch rates and ratios for Texas and Louisiana catch rates and ratios, 9-10:45 contemporary data, 9-10:44 data analysis, 9-10:45 historical data, 9-10:45 species composition, 9-10:48 Fiscus, Clifford H., "Predation by marine

mammals on squids of the eastern north Pacific Ocean and the Bering Sea," 2:1

consumer expenditure patterns, 3:1 Fish fillets

recommended procedure for assuring quality at point of consumption consumer, 1:14 monitoring need, 1:14 processor, 1:12

rationale, 1:9 retail outlet, 1:12 vessel, 1:10 warehouse, 1:12

"Fish foraging on an artificial reef in Puget Sound, Washington," by Gregory J. Hueckel and R. Lee Stayton, 6-7:38

Fishery products

extended fresh storage with modified at-

mosphere reational fishing in Washington," by Raytag recovery, 3:20 tag retention, 3:19 CO2-enriched, 2:19 mond M. Buckley, 6-7:28 Matthews, Geoffrey A., "Relative abundance hyperbaric storage, 2:19 Hueckel, Gregory J., and R. Lee Stayton, hypobaric storage, 2:18 "Fish foraging on an artificial reef in Puand size distributions of commercially imvacuum packaging, 2:17 get Sound, Washington," 6-7:38 portant shrimp during the 1981 Texas clo-Flatfish sure," 9-10:5 Hunter, Patrick J.-see Barnett et al. reef, artificial Mendelsohn, Joseph M.—see Gorga et al. Merluccius bilinearis-see Whiting, Atlantic effects on resident populations, 6-7:45 "Food of fish collected on artificial reefs in "Impacts on shrimp yields of the 1981 fishery Merluccius productus-see Whiting, Pacific the New York Bight and off Charleston, Meyers, Theodore R., and Jerry D. Henconservation zone closure off Texas," by South Carolina," by Frank W. Steimle, Scott Nichols, 9-10:31 dricks, "(A) summary of tissue lesions in "(An) input-output analysis of Maine's fish-Jr., and Larry Ogren, 6-7:49 aquatic animals induced by controlled exeries," by Hugh Briggs, Ralph Townsend, "Frozen seafoods: The economic feasibility posures to environmental contaminants, and James Wilson, 1:1 of quality assurance to the consumer," by chemotherapeutic agents, and potential carcinogens," 12:1 "International awareness for quality seafoods: Carmine Gorga, Burton L. Tinker, Debra A survey," by Carmine Gorga and Louis "Microbiological profile of Pacific shrimp, Dyer, and Joseph M. Mendelsohn, 11:1 J. Ronsivalli, 2:11 Pandalus jordani, stowed under refrigerated seawater spray," by J. S. Lee and Ed-Gorga, Carmine, and Louis J. Ronsivalli, "Inward Kolbe, 3:12 ternational awareness for quality seafoods: Jones, Albert C., Edward F. Klima, and Mississippi John R. Poffenberger, "Effects of the A survey," 2:11 ice plant survey, 1980-81, 9-10:55 Gorga, Carmine, Burton L. Tinker, Debra 1981 closure on the Texas shrimp fishery,' Dyer, and Joseph M. Mendelsohn, "Fro-9-10:1 zen seafoods: The economic feasibility of Jones, Albert C., and James R. Zweifel, Nelson, Richard W .- see Barnett et al. quality assurance to the consumer," 11:1 "Shrimp fleet mobility in relation to the New York Bight Grant, John J., Kenneth C. Wilson, Allen M. 1981 Texas closure," 9-10:50 reef, artificial Grover, and Heidi A. Togstad, "Early defood of fish collected on, 6-7:49 K velopment of Pendleton Artificial Reef,' Nichols, Scott, "Impacts on shrimp yields of the 1981 fishery conservation zone closure Klima, Edward F., Kenneth N. Baxter, and Groninger, Herman S.—see Patashnik et al. off Texas," 9-10:31 Frank J. Patella, Jr., "(A) review of the Grove, Robert S., "Artificial reefs as a reoffshore shrimp fishery and the 1981 Texas North Carolina closure," 9-10:16 source management option for siting coastclam-kicking industry, 1:16 al power stations in southern California," Klima, Edward F .- see Jones et al. Nulk, Vernon E .- see Smolowitz and Nulk Kolbe, Edward-see Lee and Kolbe Kolz, A. Lawrence-see Timko and Kolz Grover, Allen M.—see Grant et al. Guthrie, James F., and Curtis W. Lewis, Koury, Barbara-See Patashnik et al. Ogren, Larry-see Steimle and Ogren Krieger, Kenneth J.—"Tagging herring with Oncorhynchus kisutch-see Salmon, coho "(The) clam-kicking fishery of North Carolina," 1:16 coded-wire microtags," 3:18 Oyster shucking Kudo, George-see Patashnik et al. economic analysis of "steam-shock" and Kwok, Josephine-see Barnett et al. "pasteurization" processes Habitat conservation assumptions and benefits analysis, 5:21 quantification of NMFS efforts in southcost estimation, 5:22 Lee, J. S., and Edward Kolbe, "Microbiologipasteurized product, 5:24 east United States dredging, 12:20 cal profile of Pacific shrimp, Pandalus jorsensitivity analysis, 5:23 filling, 12:21 dani, stowed under refrigerated seawater impact of NMFS recommendations, spray," 3:12 Leiostomus xanthurus—see Spot Pacific Ocean, eastern North 12:21 impounding, 12:21 Lewis, Curtis W .- see Guthrie and Lewis marine mammal predation on squids, 2:1 "Pacific whiting, Merluccius productus: I. mitigation, 12:21 Licciardello, Joseph J., Elinor M. Ravesi, and Michael G. Allsup, "Stabilization of the Abnormal muscle texture caused by myxototals, cumulative, 12:21 sporidian-induced proteolysis," by Max flavor of frozen minced whiting: I. Effect Habitat enhancement, marine urban recreational fishing in Washington of various antioxidants," 8:15 Patashnik, Herman S. Groninger, Harold design, colonization, and ecosystem de-Lindall, William N., Jr., and Gordon W. Barnett, George Kudo, and Barbara Thayer, "Quantification of National Ma-Koury, 5:1 velopment, 6-7:33 rine Fisheries Service habitat conservation Pandalus jordani-see Shrimp, Pacific fish community structure, long-term, efforts in the southeast region of the United States," 12:18 Parker, Jeffrey H.—see Woodhead et al. 6-7:36 Patashnik, Max, Herman S. Groninger, Harprogram design and methodology, old Barnett, George Kudo, and Barbara Louisiana 6 - 7:29Koury, "Pacific whiting, Merluccius prosite selection, facility design, and fishice plant survey, 1980-81, 9-10:55 ductus: I. Abnormal muscle texture caused ery management, 6-7:31 1981 closure comparison of shrimp and finfish catch by myxosporidian-induced proteolysis," Hawaii rates and ratios, 9-10:44 5:1 turtles, green Patella, Frank J., Jr.—see Klima et al. radio telemetry at breeding colony, M Pellegrin, Gilmore J., Jr.-see Watts and Pellegrin Hendricks, Jerry D.-see Meyers and Hend-Maine Pendleton Artificial Reef-see Reefs, artificial input-output analysis of fisheries data, 1:3 Puget Sound, Washington tagging with coded-wire microtags model construction, 1:6

regional approach, 1:2

"Marine habitat enhancement and urban rec-

foraging on an artificial reef, 6-7:40

Poffenberger, John R., "Estimated impacts

equipment and methods, 3:18

field tagging study, 3:20

use of designed and prefabricated in on ex-vessel brown shrimp prices and value United States store location, 11:3 as a result of the Texas closure regula-Japanese fiberglass reinforced plastic, Seaperch, striped tion," 9-10:38 Puget Sound, Washington Poffenberger, John R.—see Jones et al.; Ward 6-7:9 Japanese-style concrete, 6-7:5 foraging on an artificial reef, 6-7:40 and Poffenberger Sheehy, Daniel J., "The use of designed and lobster, 6-7:7 "Predation by marine mammals on squids of uses, potential, 6-7:13 prefabricated artificial reefs in the United the eastern north Pacific Ocean and the "Relative abundance and size distributions States," 6-7:4 Bering Sea," by Clifford H. Fiscus, 2:1 of commercially important shrimp during Shellfish Preservation the 1981 Texas closure," by Geoffrey A. consumer expenditure patterns, 3:1 salmon Matthews, 9-10:5 use of high concentration of CO2 in "(A) review of the offshore shrimp fishery and comparison of finfish and, catch rates modified atmosphere, 3:7 the 1981 Texas closure," by Edward F. and ratios for Texas and Louisiana catch rates and ratios, 9-10:45 Klima, Kenneth N. Baxter, and Frank J. Patella, Jr., 9-10:16 contemporary data, 9-10:44 "Quantification of National Marine Fisheries Roberts, Glenn C .- see Barnett et al. data analysis, 9-10:45 Service habitat conservation efforts in the Rockfish, quillback historical data, 9-10:45 species composition, 9-10:48 southeast region of the United States," by Puget Sound, Washington effects of 1981 Texas fishery closure foraging on an artificial reef, 6-7:41 William N. Lindall, Jr., and Gordon W. Ronsivalli, Louis J., "(A) recommended proabundance, 9-10:1 Thayer, 12:18 cedure for assuring the quality of fish fillets catch magnitude, 9-10:2 at point of consumption," 1:8 fishing patterns, 9-10:3 Ronsivalli, Louis J.—see Gorga and Ronsivalli Ropes, John W., "(The) Atlantic coast surf incidental catch and discards, 9-10:4 "Radio telemetry of Hawaiian green turtles at estimated impacts on ex-vessel prices and their breeding colony," by Andrew E. clam fishery, 1965-1974," 8:1 value as a result of Texas closure regu-Dizon and George H. Balazs, 5:13 lation, 9-10:38 Ravesi, Elinor M.-see Licciardello et al. relative abundance and size distribution of '(A) recommended procedure for assuring the commercially important during 1981 Texas Salmon, coho quality of fish fillets at point of consumpadult recoveries and Na+-K+ ATPase acclosure tion," by Louis J. Ronsivalli, 1:8 tivity at release, 11:11 genus Penaeus, 9-10:8 Reefs, artificial historical collections, 9-10:7 Salmon, fresh coal-waste artificial reef program using high concentration of CO2 in modilength-frequency distributions of area description, 6-7:17 brown, 9-10:10 fied atmosphere to preserve blocks and reef building, 6-7:17 analytical methods, 3:9 length-frequency distributions of other epifaunal colonization, 6-7:19 atmosphere (modified) system, 3:8 Penaeid species, 9-10:12 habitation by fish, 6-7:20 bacteriological measurements, 3:9 sampling procedures, 9-10:6 physical and chemical results, 6-7:17 chemical measurements, 3:9 review of offshore fishery and 1981 Texas studies, early, 6-7:16 refrigerated shelf-life test, 3:11 closure biological background, 9-10:17 toxic potentials, 6-7:20 sample preparation and procedures, 3:8 fishery background, 9-10:17 early development of Pendleton Artificial sensory evaluation, 3:10 Louisiana fishery, 9-10:19, 21 sensory tests, 3:9 biological observations, 6-7:54 Satellite production and regulations, 9-10:18 biomanipulations and management, tracking sea turtles, 4:19 recruitment, 9-10:27 "Satellite sea turtle tracking," by Robert E. relative abundance, 9-10:23 6-7:56 design and construction, 6-7:53 Timko and A. Lawrence Kolz, 4:19 size composition 1972, 1977-80, 9-10:19 establishment of ecological studies, 6-7: size composition 1981, 9-10:26 Seafoods Texas fishery, 9-10:19, 22 international awareness for quality site selection, 6-7:53 countries recognizing need to improve yield impacts of 1981 Fishery Conservation effects on resident flatfish populations, quality, 2:12 Zone closure off Texas sensitivity considerations, 9-10:37 6-7:45 countries with reputation for high qualforaging on in Puget Sound, Washington ity, 2:11 size structure in FCZ, 9-10:31 feeding observations, 6-7:40, 41 virtual population analysis of offshore Seafoods, frozen field and laboratory, 6-7:38 economic feasibility of quality assurance to brown shrimp stock, 9-10:33 perch, pile, 6-7:40 the consumer yield-per-recruit analysis, 9-10:32 rockfish, quillback, 6-7:41 data collection, 11:3 yields, had the FCZ been open, 9-10:34 seaperch, striped, 6-7:40 hypothesis verification and basis for Shrimp, Pacific study area, 6-7:38 further experiments, 11:2 microbiological profile, stowed under New York Bight and Charleston, South normalcy of trends, 11:8 refrigerated seawater spray Carolina processor markups, 11:5 microbial count, 3:15 food of fish collected on, 6-7:49 microbial identification, 3:15 processor profit margin, 11:5 resource management option for siting production costs, 11:4 NaC1, 3:15 coastal power stations in southern California pH, 3:15 production volume, 11:4 construction, 6-7:26 quality assurance of fresh fish fillets, sampling, 3:12 management, 6-7:26 11:1 sea trial of model RSWS unit, 3:14 Pendleton Artificial Reef planning, 6-7: rationale for quality assurance of froshore trial of model RSW system, 3:15 zen fish fillets, 11:3 temperature, 3:15 Pendleton Artificial Reef preconstruc-"Shrimp fleet mobility in relation to the 1981 retail markup, 11:8 tion activities, 6-7:25 retail sales, 11:5 Texas closure," by Albert C. Jones and toward a new era in fisheries enhanceretail sales trend, 11:6 James R. Zweifel, 9-10:50 ment, 6-7:2 retailer profit margin, 11:9 Smolowitz, Ronald Joel, and Vernon E. Nulk,

sample design, 11:3

"(The) design of an electrohydraulic estimated impacts on ex-vessel brown recreational fishing, 6-7:28 dredge for clam surveys," 4:1 shrimp prices and value, 9-10:38 Puget Sound South Carolina, Charleston impacts on shrimp yields, 9-10:31 fish foraging on an artificial reef, reef, artificial relative abundance and size distribution 6-7:38 food of fish collected on, 6-7:49 of commercially important, 9-10:5 Waters, Melvin E., "Chemical composition Spisula solidissima—see Clam, Atlantic surf review of offshore shrimp fishery, and frozen storage stability of spot, Leiostomus xanthurus," 11:14 chemical composition and frozen storage shrimp fleet mobility, 9-10:50 Watts, Noel H., and Gilmore J. Pellegrin, Jr., stability Thayer, Gordon W .- see Lindall and Thayer "Comparison of shrimp and finfish catch chemical analyses, 11:15 Timko, Robert E., and A. Lawrence Kolz, rates and ratios for Texas and Louisiana," physical measurements, 11:15 "Satellite sea turtle tracking," 4:19 9-10:44 product evaluation, 11:15 Tinker, Burton L.—see Gorga et al. Whiting, Atlantic sample preparation, 11:15 Togstad, Heidi A.—see Grant et al. effect of various antioxidants on flavor sensory evaluation, 11:15 Townsend, Ralph—see Briggs et al. stabilization of frozen minced Squids Turtle, green methods, 8:17 predation by marine mammals in eastern radio telemetry of Hawaiian at breeding peroxide value, 8:17 North Pacific Ocean and Bering Sea sensory evaluation, 8:17 colony Gonatidae, 2:5 habitat utilized, 5:19 statistical analysis, 8:18 Loliginidae, 2:3 past telemetry work within breeding TBA number, 8:17 Ommastrephidae, 2:4 colonies, 5:15 Whiting, Pacific receivers, 5:16 Onychoteuthidae, 2:4 abnormal muscle texture caused by myxospecimen collection, 2:2 residence times, 5:17 sporidian-induced proteolysis "Stabilization of the flavor of frozen minced site, 5:14 chemical determinations, 5:2 transmitters and deployment on turtle, whiting: I. Effect of various antioxidants,' fish samples, 5:2 by Joseph J. Licciardello, Elinor M. 5:15 heat inactivation of enzyme, 5:4 Ravesi, and Michael G. Allsup, 8:15 turtles, 5:14 microscopy, 5:2 Stayton, R. Lee-see Hueckel and Stayton Turtle, sea myxosporidia, morphology and struc-Steimle, Frank W., Jr., and Larry Ogren, satellite tracking ture, 5:7 background, 4:19 "Food of fish collected on artificial reefs in parasite appearance, macroscopic and captive behavioral studies, 4:20 the New York Bight and off Charleston, microscopic, 5:5 South Carolina," 6-7:49 equipment, 4:19 parasitization severity and incidence, Stone, Frederick E.-see Barnett et al. preliminary technical considerations, 5:2, 3 Stone, Richard B., "Artificial reefs: Toward parasitization severity related to abnora new era in fisheries enhancement?," tracking, 4:22 mal texture, 5:5 6-7:2 transmitter construction details, 4:21 parasitized condition involves enzyme-"(A) study in the use of a high concentration transmitter functional tests, 4:21 induced proteolysis, 5:3 of CO2 in a modified atmosphere to transmitter structural tests, 4:20 relation of parasitization to flesh pH, preserve fresh salmon," by Harold J. Barturtle release, 4:22 5:4 nett, Frederick E. Stone, Glenn C. Robrelation of parasitization to level of erts, Patrick J. Hunter, Richard W. Nelflesh protein, 5:4 U-V-W son, and Josephine Kwok, 3:7 texture development, mechanism of ab-United States "(A) summary of tissue lesions in aquatic aninormal, 5:10 reefs, artificial texture evaluation, 5:2 mals induced by controlled exposures to use of designed and prefabricated, environmental contaminants, chemotheratexture evaluation of frozen fillet block 6-7:4 peutic agents, and potential carcinogens,' portions, 5:11 United States, southeast by Theodore R. Meyers and Jerry D. Hentexture evaluation of live, frozen in dry National Marine Fisheries Service dricks, 12:1 ice, 5:10 quantification of habitat conservation "Survey of ice plants in Louisiana, Mississiptexture of commercial fillets, effect of efforts, 12:18 pi, and Alabama, 1980-81," by John M. refrigerated storage, 5:11 "(The) use of designed and prefabricated arti-Ward and John R. Poffenberger, 9-10:55 Wilhelm, Kurt A., "Extended fresh storage of ficial reefs in the United States," by Daniel fishery products with modified atmo-J. Sheehy, 6-7:4 spheres: A survey," 2:17 T Wahle, Roy J., and Waldo S. Zaugg, "Adult Wilson, James-see Briggs et al. **Tagging** coho salmon recoveries and their Na+-K+ Wilson, Kenneth C .- see Grant et al. ATPase activity at release," 11:11 Woodhead, Peter M. J., Jeffrey H. Parker, and Iver W. Duedall, "(The) coal-waste arherring Walton, James M., "(The) effects of an articoded-wire microtags, 3:18 "Tagging herring with coded-wire microtags," ficial reef on resident flatfish populatificial reef program (C-WARP): A new tions," 6-7:45 by Kenneth J. Krieger, 3:18 resource potential for fishing reef construc-Texas Ward, John M., and John R. Poffenberger, tion," 6-7:16 "Survey of ice plants in Louisiana, Missis-

X-Y-Z

Zaugg, Waldo S .- see Wahle and Zaugg Zweifel, James R.-see Jones and Zweifel

1981 closure

comparison of shrimp and finfish catch rates and ratios, 9-10:44 effects on shrimp fishery, 9-10:1

marine habitat enhancement and urban

sippi, and Alabama, 1980-81, 9-10:55

Washington

Papers in the *Marine Fisheries Review*, 1982

January

- "An Input-Output Analysis of Maine's Fisheries," Hugh Briggs, Ralph Townsend, and James Wilson, 1:1-7.
- "A Recommended Procedure for Assuring the Quality of Fish Fillets at Point of Consumption," Louis J. Ronsivalli, 1:8-15.
- "The Clam-Kicking Fishery of North Carolina," James F. Guthrie and Curtis W. Lewis, 1:16-21.

February

- "Predation by Marine Mammals on Squids of the Eastern North Pacific Ocean and the Bering Sea," Clifford H. Fiscus, 2:1-10.
- "International Awareness for Quality Seafoods: A Survey," Carmine Gorga and Louis J. Ronsivalli, 2:11-16.
- "Extended Fresh Storage of Fishery Products with Modified Atmospheres: A Survey," Kurt A. Wilhelm, 2:17-20.

March

- "Consumer Expenditure Patterns for Fish and Shellfish," Oral Capps, Jr., 3:1-6.
- "A Study in the Use of a High Concentration of CO₂ in a Modified Atmosphere to Preserve Fresh Salmon," Harold J. Barnett, Frederick E. Stone, Glenn C. Roberts, Patrick J. Hunter, Richard W. Nelson, and Josephine Kwok, 3:7-11.
- "Microbiological Profile of Pacific Shrimp, Pandalus jordani, Stowed Under Refrigerated Seawater Spray," J. S. Lee and Edward Kolbe, 3:12-17.
- "Tagged Herring with Coded-Wire Microtags," Kenneth J. Krieger, 3:18-21.

April

- "The Design of an Electrohydraulic Dredge for Clam Surveys," Ronald Joel Smolowitz and Vernon E. Nulk, 4:1-18.
- "Satellite Sea Turtle Tracking," Robert E. Timko and A. Lawrence Kolz, 4:19-24.

May

"Pacific Whiting, Merluccius productus: I. Abnormal Muscle Texture Caused by

- Myxosporidian-Induced Proteolysis," Max Patashnik, Herman S. Groninger, Harold Barnett, George Kudo, and Barbara Koury, 5:1-12.
- "Radio Telemetry of Hawaiian Green Turtles at Their Breeding Colony," Andrew E. Dizon and George H. Balazs, 5:13-20.
- "Economic Analysis of 'Steam-Shock' and 'Pasteurization' Processes for Oyster Shucking," John W. Brown, 5:21-25.

June-July

- "Artificial Reefs: Toward a New Era in Fisheries Enhancement?," Richard B. Stone, 6-7:2-3.
- "The Use of Designed and Prefabricated Artificial Reefs in the United States," Daniel J. Sheehy, 6-7:4-15.
- "The Coal-Waste Artificial Reef Program (C-WARP): A New Resource Potential for Fishing Reef Construction," Peter M. J. Woodhead, Jeffrey H. Parker, and Iver W. Duedall, 6-7:16-23.
- "Artificial Reefs as a Resource Management Option for Siting Coastal Power Stations in Southern California," Robert S. Grove, 6-7:24-27
- "Marine Habitat Enhancement and Urban Recreational Fishing in Washington," Raymond M. Buckley, 6-7:28-37.
- "Fish Foraging on an Artificial Reef in Puget Sound, Washington," Gregory J. Hueckel and R. Lee Stayton, 6-7:38-44.
- "The Effects of an Artificial Reef on Resident Flatfish Populations," James M. Walton, 6-7:45-48.
- "Food of Fish Collected on Artificial Reefs in the New York Bight and Off Charleston, South Carolina," Frank W. Steimle, Jr., and Larry Ogren, 6-7:49-52.
- "Early Development of Pendleton Artificial Reef," John J. Grant, Kenneth C. Wilson, Allen M. Grover, and Heidi A. Togstad, 6-7:53-60.

August

"The Atlantic Coast Surf Clam Fishery, 1965-1974," John W. Ropes, 8:1-14. "Stabilization of the Flavor of Frozen Minced Whiting: I. Effects of Various Antioxidants," Joseph J. Licciardello, Elinor M. Ravesi, and Michael G. Allsup, 8:15-21.

September-October

- "Effects of the 1981 Closure on the Texas Shrimp Fishery," Albert C. Jones, Edward F. Klima, and John R. Poffenberger, 9-10:
- "Relative Abundance and Size Distributions of Commercially Important Shrimp During the 1981 Texas Closure," Geoffrey A. Matthews, 9-10:5-15.
- "A Review of the Offshore Shrimp Fishery and the 1981 Texas Closure," Edward F. Klima, Kenneth N. Baxter, and Frank J. Patella, Jr., 9-10:16-30.
- "Impacts on Shrimp Yields of the 1981 Fishery Conservation Zone Closure off Texas," Scott Nichols, 9-10:31-37.
- "Estimated Impacts on Ex-Vessel Brown Shrimp Prices and Value as a Result of the Texas Closure Regulation," John R. Poffenberger, 9-10:38-43.
- "Comparison of Shrimp and Finfish Catch Rates and Ratios for Texas and Louisiana," Noel H. Watts and Gilmore J. Pellegrin, Jr., 9-10:44-49.
- "Shrimp Fleet Mobility in Relation to the 1981 Texas Closure," Albert C. Jones and James R. Zweifel, 9-10:50-54.
- "Survey of Ice Plants in Louisiana, Mississippi, and Alabama, 1980-81," John M. Ward and John R. Poffenberger, 9-10: 55-57.

November

- "Frozen Seafoods: The Economic Feasibility of Quality Assurance to the Consumer," Carmine Gorga, Burton L. Tinker, Debra Dyer, and Joseph M. Mendelsohn, 11:1-10.
- "Adult Coho Salmon Recoveries and Their Na+-K+ ATPase Activity at Release," Roy J. Wahle and Waldo S. Zaugg, 11:11-13.
- "Chemical Composition and Frozen Storage Stability of Spot, *Leiostomus xanthurus*," Melvin E. Waters, 11:14-22.

December

- "A Summary of Tissue Lesions in Aquatic Animals Induced by Controlled Exposures to Environmental Contaminants, Chemotherapeutic Agents, and Potential Carcinogens," Theodore R. Meyers and Jerry D. Hendricks, 12:1-17.
- "Quantification of National Marine Fisheries Service Habitat Conservation Efforts in the Southeast Region of the United States," William N. Lindall, Jr., and Gordon W. Thayer, 12:18-22.