

United States Department of the Interior, Stewart L. Udall, Secretary
Fish and Wildlife Service, Clarence F. Pautzke, Commissioner
Bureau of Commercial Fisheries, Donald L. McKernan, Director

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LIST OF RESEARCH REPORTS OF THE UNITED STATES

FISH AND WILDLIFE SERVICE

Compiled by Lola T. Dees
Branch of Reports
Division of Resource Development
Bureau of Commercial Fisheries

Research Reports are technical papers reporting the results of scientific investigations and are distributed to depository libraries. The Research Reports succeeded the Investigational Reports (1931-1939) and a former wildlife research series. (Articles preceded by asterisks are out of print, but can be borrowed from some public and college libraries.)

- | <u>No.</u> | <u>Title</u> |
|------------|---|
| * 1. | Studies on the handling of fresh mackerel (<u>Scomber scombrus</u>). By Maurice E. Stansby and James M. Lemon. 1941, 1 + 46 p., 6 figs., 24 tables. |
| * 2. | Use of lime in controlling starfish. By Victor L. Loosanoff and James B. Engle. 1942, 1 + 29 p., 3 figs., 8 tables. |
| * 3. | The effect of heat and moisture on the feeding value of pilchard meal. By William B. Lanham, Jr., and Hugo W. Nilson. 1942, 1 + 10 p., 4 tables. |
| 4. | Metabolism studies with algin and gelatin. By Hugo W. Nilson and J. M. Lemon. 1942, 1 + 9 p., 8 tables. |
| 5. | The white-necked raven in relation to agriculture. By Shaler E. Aldous. 1942, 1 + 56 p., 12 figs., 5 tables. |
| 6. | Preparation and keeping quality of lightly smoked mackerel. By Maurice E. Stansby and Francis P. Griffiths. 1943, 1 + 10 p., 7 tables. |
| * 7. | Principles and methods in the canning of fishery products. By Norman D. Jarvis. 1943, vi + 366 p., 67 figs., 18 tables. |
| * 8. | Big-game resources of the United States, 1937-1942. By Hartley H. T. Jackson. 1944, 1 + 56 p., 29 figs., 30 tables. |
| 9. | Determination of water quality. By M. M. Ellis, B. A. Westfall, and Marion D. Ellis. 1948, 1 + 122 p., 3 figs., 2 tables. |
| 10. | Study of the Alaska tundra with reference to its reactions to reindeer and other grazing. By Lawrence J. Palmer and Charles H. Rouse. 1945, 1 + 48 p., 20 figs. |
| 11. | Reaction of oysters to chlorination. By Paul S. Galtsoff. 1946, 1 + 28 p., 16 figs., 4 tables. |
| 12. | Care and diseases of trout. By H. S. Davis. 1947, 1 + 98 p., 20 figs., 2 tables. |
| * 13. | Identifying injury by wildlife to trees and shrubs in north-eastern forests. By John Pearce. 1947, 1 + 29 p., 20 figs., 2 tables. |
| 14. | Fluctuations in the abundance of the blue crab in Chesapeake Bay. By John C. Pearson. 1948, 1 + 26 p., 6 figs., 16 tables. |

Research Reports--Continued

- | <u>No.</u> | <u>Title</u> |
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| * 15. | Shark fishing potentialities of the Philippine seas. By Herbert E. Warfel and John A. Clague. 1950, 1 + 19 p., 1 fig., 12 tables. |
| 16. | Notes on the biology of the tiger shark (<u>Galeocardo arcticus</u>) from Philippine waters. By Donald E. Kauffman. 1950, 1 + 10 p., 5 figs., 3 tables. |
| 17. | Guide to the classification of fishing gear in the Philippines. By Agustin F. Umali. 1950, iv + 165 p., 53 figs., 1 table. |
| * 18. | Curing of fishery products. By Norman D. Jarvis. 1950, iii + 271 p., 37 figs., 6 tables. |
| 19. | Some biological effects of ditching tidewater marshes. By Warren S. Bourn and Clarence Cottam. 1950, iv + 30 p., 26 figs., 3 tables. |
| 20. | Check list of Philippine fishes. By Albert W. Herre. 1953, 1 + 977 p. |
| 21. | Key to the families of common commercial fishes in the Philippines. By Agustin F. Umali. 1950, ii + 47 p., 45 figs. |
| * 22. | Fishing gear preservatives for Philippine waters. By John A. Clague and Bienvenido Datingaling. 1950, iii + 23 p., 1 fig., 8 tables. |
| 23. | Liver oil properties of Philippine sharks and rays. By William S. Hamm. 1950, ii + 5 p., 1 table. |
| 24. | Temperature and salt purity effects on the manufacture of fish paste and sauce. By William S. Hamm and John A. Clague. 1950, iii + 11 p., 4 figs., 4 tables. |
| * 25. | Otter trawl explorations in Philippine waters. By Herbert E. Warfel and Porfirio R. Manacop. 1950, iii + 49 p., 11 figs., 36 tables. |
| * 26. | Fish processing handbook for the Philippines. By Arthur C. Avery. 1950, v + 149 p., 229 figs., 2 tables. |
| 27. | Bacteriological studies of Philippine fishery products. By John A. Clague and Crisanto Almario. 1950, iii + 12 p., 8 tables. |

Research Reports--Continued

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| 28. | Outlook for development of a tuna industry in the Philippines. By Herbert E. Warfel. 1950, iv + 37 p., 18 figs., 1 table. |
| 29. | Growth of Pacific coast pilchard fishery to 1942. By Milner B. Schaefer, Oscar E. Sette, and John C. Marr. 1951, iii + 31 p., 6 figs., 5 tables. |
| 30. | Food of game ducks in the United States and Canada. By A. C. Martin and F. M. Uhler. Reprint of USDA Technical Bulletin 634--1939. 1951, 1 + 308 p., 137 figs., 13 tables, 152 plates. |
| 31. | Effect of floodwaters on oysters in Mississippi Sound in 1950. By Philip A. Butler. 1952, iii + 20 p., 9 figs., 6 tables. |
| 32. | Offshore grounds important to the United States haddock fishery. By Howard A. Schuck. 1952, iii + 20 p., 15 figs., 2 tables. |
| 33. | Fecundity of Hudson River shad. By Burton A. Lehman. 1953, iii + 8 p., 4 figs., 2 tables. |
| 34. | Common tuna-bait fishes of the central Pacific. By Fred C. June and John W. Reintjes. 1953, iii + 54 p., 34 figs. |
| 35. | Use of impounded water for fish culture. By Harlan E. Johnson and Richard F. Brice. 1953, iii + 35 p., 9 figs., 11 tables. |
| 36. | Noxious marine animals of the central and western Pacific Ocean. By Charles J. Fish and Mary Curtis Cobb. 1954, iii + 45 p., 3 figs., 6 tables. |
| 37. | Age determination of Pacific sardines from otoliths. By Kenneth H. Mosher and Howard H. Eckles. 1954, iii + 40 p., 4 figs., 17 tables. |
| 38. | Relative abundance of Maryland shad 1944-52. By Charles H. Walburg. 1955, iii + 17 p., 4 figs., 6 tables. |
| 39. | Evaluation of three types of fish rearing ponds. By Roger E. Burrows and Harry H. Chenoweth. 1955, iii + 29 p., 12 figs., 2 tables. |
| 40. | Survival and spawning of gill-net-marked red salmon. By Philip R. Nelson and Carl E. Abegglen. 1955, iii + 19 p., 10 figs., 5 tables. |