

**List of  
REPRINTS  
by  
NUMBER**

Michigan Department of Natural Resources  
Institute for Fisheries Research  
Tina M. Tincher, Librarian

*January 31, 2007*

*January 31, 2007*

1. Hubbs, C. L. 1931. Fishery research in Michigan. Reprinted from Transactions of the American Fisheries Society 60:182-186.
2. Metzelaar, J. 1929. The food of the rainbow trout in Michigan. Reprinted from Transactions of the American Fisheries Society 58:178-182.
3. Metzelaar, J. 1930. The food of the trout in Michigan. Reprinted from Transactions of the American Fisheries Society 59:146-152.
4. Hubbs, C. L. 1932. The improvement of trout streams. What Michigan is doing to shorten the time between bites. Reprinted from American Forests 38(7):394-395.
5. Hubbs, C. L. 1932. The species of black bass. Reprinted from Transactions of the American Fisheries Society 61:86-88.
6. Hubbs, C. L., J. R. Greeley, C. M. Tarzwell. 1932. Methods for the improvement of Michigan trout streams. (IFR Bulletin No. 1).
7. McMurry, K. C., R. W. Eschmeyer, C. M. Davis. 1933. Objectives and methods in the lake inventory in Michigan. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 18:259-276.
8. Greeley, J. R. 1933. The spawning habits of brook, brown and rainbow trout, and the problem of egg predators. Reprinted from Transactions of the American Fisheries Society 62:239-248.
9. Hubbs, C. L. 1933. Sewage treatment and fish life. Reprinted from Sewage Works Journal 5(6):1033-1040.
10. Institute for Fisheries Research. 1934. Lake improvement devices. Lithoprinted, 7 pages.
11. Hubbs, C. L. 1934. Some experiences and suggestions on forage fish culture. Reprinted from Transactions of the American Fisheries Society 63:53-63.
12. Hubbs, C. L. 1934. Civilian Conservation Corp lake and stream improvement work in Michigan. Reprinted from Transactions of the American Fisheries Society 63:404-414.
13. Trautman, M. B. 1933. The general effects of pollution on Ohio fish life. Reprinted from Transactions of the American Fisheries Society 63:69-72.
14. Trautman, M. B. 1933. The practical value of scientific data in a stocking policy for Ohio. Reprinted from Transactions of the American Fisheries Society 62:258-260.
15. Tarzwell, C. M. 1935. Progress in lake and stream improvement. Reprinted from Transactions of Twenty-first American Game Conference, 1935-119-134.
16. Koeltz, W. 1931. The coregonid fishes of northeastern American. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 13:303-432.
17. Creaser, C. W. 1929. The smelt in Lake Michigan. Reprinted from Science, Vol. 69(1798):623.

18. Hubbs, C. L., G. P. Cooper. 1935. Age and growth of the long-eared and the green sunfishes in Michigan. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 20:669-696.
19. Hubbs, C. L. 1931. A program for inland fishing development. Mimeographed by Izaak Walton League of America (Mimeographed Report No. 4, 17 pages).
20. Salyer, J. C. 1935. Preliminary report on the beaver-trout investigation. Printed in Northern Sportsman 5(8)9, 15-17, and in American Game, 24 (6): 13-15 (Mimeographed Report No. 9).
21. Hubbs, C. L., M. B. Trautman. 1936. The need for investigating fish conditions in winter. Reprinted from Transactions of the American Fisheries Society 65:51-56.
22. Eschmeyer, R. W. 1936. Analysis of the game-fish catch in a Michigan lake. Reprinted from Transactions of the American Fisheries Society 65:207-233.
23. Cooper, G. P. 1936. Some results of forage fish investigations in Michigan. Reprinted from Transactions of the American Fisheries Society 65:132-142.
24. Trautman, M. B., C. L. Hubbs. 1936. When do pike shed their teeth? Reprinted from Transactions of the American Fisheries Society 65:261-266. (Reprinted again in 1948 in Michigan Conservation 17(8): 4-5,10. Filed as 110-REP-174.)
25. Hazzard, A. S. 1936. A preliminary study of an exceptionally productive trout water, Fish Lake, Utah. Reprinted from Transactions of the American Fisheries Society 65:122-128.
26. Cooper, G. P. 1936. Age and growth of the golden shiner (*Notemigonus crysoleucas auratus*) and its suitability for propagation. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 21:587-597.
27. Shetter, D. S. 1936. Shrinkage of trout at death and on preservation. Reprinted from Copeia 1936(1):60-61.
28. Shetter, D. S. 1936. The jaw-tag method of marking fish. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 21:651-653.
29. Hubbs, C. L., G. P. Cooper. 1936. Minnows of Michigan. Reprinted from Cranbrook Institute of Science Bulletin No. 8.
30. Hubbs, C. L. 1936. Planting food for fish. Reprinted from Proceedings of the North American Wildlife Conference 1936:460-464.
31. Eschmeyer, R. W. 1937. Some characteristics of a population of stunted perch. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 22:613-628.
32. Eschmeyer, R. W. 1936. Essential considerations for fish management in lakes. Reprinted from Proceedings of the North American Wildlife Conference 1936:332-339.
33. Tarzwell, C. M. 1936. Lake and stream improvement in Michigan. Reprinted from Proceedings of the North American Wildlife Conference 1936:429-434.

34. Eschmeyer, R. W. 1937. A second season of creel census on Fife Lake. Reprinted from Transactions of the American Fisheries Society 66:324-334.
35. Hazzard, A. S., R. W. Eschmeyer. 1937. A comparison of summer and winter fishing in Michigan lakes. Reprinted from Transactions of the American Fisheries Society 66:87-97.
36. Miller, D. E. 1937. Michigan lake survey-a cooperative enterprise. Reprinted from Transactions of the American Fisheries Society 66:128-130.
37. Leonard, J. W., D. S. Shetter. 1937. Studies on merganser depredations in Michigan trout waters. Reprinted from Transactions of the American Fisheries Society 66:335-337.
38. Shetter, D. S. 1937. Migration, growth rate and population density of brook trout in the North Branch of the Au Sable River, Michigan. Reprinted from Transactions of the American Fisheries Society 66:203-210.
39. Hubbs, C. L. 1937. Fish management: looking forward. Reprinted from Transactions of the American Fisheries Society 66:51-55.
40. Hubbs, C. L., T. E. B. Pope. 1937. The spread of the sea lamprey through the Great Lakes. Reprinted from Transactions of the American Fisheries Society 66:172-176.
41. Cooper, G. P. 1937. Food habits, rate of growth and cannibalism of young largemouth bass (*Aplites salmoides*) in state-operated rearing ponds in Michigan during 1935. Reprinted from Transactions of the American Fisheries Society 66:242-266.
42. Eschmeyer, R. W. 1937. The Michigan creel census. Reprinted from Transactions of the Second North American Wildlife Conference 1937:625-634.
43. Hazzard, A. S. 1937. Results of stream and lake improvement in Michigan. Reprinted from Transactions of the Second North American Wildlife Conference.
44. Hazzard, A. S., R. W. Eschmeyer. 1938. Analysis of the fish catch for one year in the Waterloo project area. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 23:633-643.
45. Hubbs, C. L., R. W. Eschmeyer. 1938. The improvement of lakes for fishing. Michigan Conservation Bulletin No. 2.
46. Eschmeyer, R. W. 1938. Further studies of perch populations. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 23:611-631.
47. Michigan Conservation, April 1938, Vol. 7, No. 8: contains the following articles:
  - A. S. Hazzard, and D.S. Shetter. Shall we plant more legal fish? (pp. 3, 10);
  - D. S. Shetter. Rainbows are the travelers of the trout species. (pp. 6, 7, 11);
  - R. W. Eschmeyer. Trout angling holds its own. (p. 8);
  - A. S. Hazzard. Female builds the nest and male does the courting (p. 9);
  - R. W. Eschmeyer. Lakes are restored by poisoning old fish, stocking with new;
  - J. W. Leonard. How Michigan handles the beaver/trout problem (p. 11).

48. Michigan Conservation, June 1938, Vol. 7, No. 10: contains the following articles:  
J. W. Leonard, When a fish and a burr collide (p. 3);  
H. van der Schalie, Hitch-hiking mussels and pearl buttons (pp. 4, 5, 11);  
W. F. Carbine, Tricks to know about the lowly fish-worm (pp. 6, 10);  
C. J. D. Brown, The Montana grayling in Michigan (pp. 7, 9);  
A. S. Hazzard, R.W. Eschmeyer, How really expert is an expert fisherman? (p. 8)  
D. S. Shetter, Fish inventory means counting job (pp. 8, 10);  
R. W. Eschmeyer, Two x two doesn't always equal four (p. 10);  
J. T. Wilkinson, Hunt ways to reduce trout food costs (p. 11).
49. Van der Schalie, H. 1938. Hitch-hiking mussels and pearl buttons. Reprinted from Michigan Conservation 7(10):4,5,11.
50. Leonard, J. W. 1938. Feeding habits of brook trout fry in natural waters. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 23:645-646.
51. Brown, C. J. D. 1938. The feeding habits of the Montana grayling (*Thymallus montanus*). Reprinted from The Journal of Wildlife Management 2(3):135-145.
52. Hubbs, C. L., and T. E. B. Pope. 1937. The spread of the sea lamprey through the Great Lakes. Reprinted from Michigan Conservation 6(12):5,6,9.
53. Carbine, W. F. 1938. The pike. A prized and spurned fish. Reprinted from Michigan Conservation 7(12):6,8.
54. Brown, C. J. D. 1938. Observations on the life-history and breeding habits of the Montana grayling. Reprinted from Copeia 1938(3):132-136.
55. Leonard, J. W. 1938. Feeding habits of trout in waters carrying a heavy population of naturally hatched fry. Reprinted from Copeia 1938:(3).
56. Eschmeyer, R. W. 1938. Experimental management of a group of small Michigan lakes. Reprinted from Transactions of the American Fisheries Society 67:120-129.
57. Shetter, D. S. 1938. A two-way fish trap for use in studying stream-fish migrations. Reprinted from Transactions of the Third North American Wildlife Conference 1938:331-338.
58. Eschmeyer, R. W. 1938. The significance of fish population studies in lake management. Reprinted from Transactions of the Third North American Wildlife Conference 1938:458-468.
59. Brown, C. J. D., and O. H. Clark. 1939. Winter lake mapping. Reprinted from Michigan Conservation 8(6):10-11.
60. Michigan Department of Conservation. 1938. Fish Division. Reprinted from Ninth Biennial Report of the Michigan Department of Conservation, 1937-1938.
61. Carbine, W. F. 1939. Baits used in winter fishing. Reprinted from Michigan Conservation 8(6):3.

62. Lagler, K. F., and K. E. Goellner. 1939. The mud puppy-an enemy of fish? Reprinted from Michigan Conservation 8(7):3.
63. Leonard, J. W. 1939. Mortality of aquatic Diptera due to freezing. Reprinted from Entomological News 1939:107-108.
64. Eschmeyer, R. W., and O. H. Clark. 1939. Analysis of the populations of fish in the waters of the Mason Game Farm, Mason, Michigan. Reprinted from Ecology 20(2):272-286.
65. Leonard, J. W. 1939. The Montana grayling in Michigan. Reprinted from Michigan Conservation 8(9):8.
66. Rodeheffer, I. A. 1939. Experiments in the use of brush shelters by fish in Michigan lakes. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 24 (Part II):183-193.
67. Eschmeyer, R. W. 1939. Analysis of the complete fish population from Howe Lake, Crawford County, Michigan. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 24:117-137.
68. Brown, C. J. D., and C. Buck, Jr. 1939. When do trout and grayling fry begin to take food? Reprinted from The Journal of Wildlife Management 3(2):134-140.
69. Lagler, K. F. 1939. The control of fish predators at hatcheries and rearing stations. Reprinted from The Journal of Wildlife Management 3(3):169-179.
70. Hazzard, A. S., and D. S. Shetter. 1939. Results from experimental plantings of legal-sized brook trout (*Salvelinus fontinalis*) and rainbow trout (*Salmo irideus*). Reprinted from Transactions of the American Fisheries Society 68:196-210.
71. Leonard, J. W. 1939. Notes on the use of Derris as a fish poison. Reprinted from Transactions of the American Fisheries Society 68:269-280.
72. Leonard, J. W. 1939. Feeding habits of the Montana grayling (*Thymallus montanus* Milner) in Ford Lake, Michigan. Reprinted from Transactions of the American Fisheries Society 68:188-195.
73. Eschmeyer, R. W. 1939. Summary of a four-year creel census on Fife Lake, Michigan. Reprinted from Transactions of the American Fisheries Society 68:354-358.
74. Shetter, D. S., and A. S. Hazzard. 1939. Species composition by age groups and stability of fish populations in sections of three Michigan trout streams during the summer of 1937. Reprinted from Transactions of the American Fisheries Society 68:281-302.
75. Wilkinson, J. T. 1939. Notes on the use of supplements for fresh meat in the propagation of brook, rainbow and brown trout in Michigan. Reprinted from Transactions of the American Fisheries Society 68:96-117.
76. Leonard, J. W. 1939. Comments on the adequacy of accepted stream bottom sampling technique. Reprinted from Transactions of the Fourth North American Wildlife Conference 1939:288-295.

77. Shetter, D. S. 1939. Success of plantings of fingerling trout in Michigan waters as demonstrated by marking experiments and creel censuses. Reprinted from Transactions of the Fourth North American Wildlife Conference 1939:318-325.
78. Carbine, W. F. 1939. Observations on the spawning habits of centrarchid fishes in Deep Lake, Oakland County, Michigan. Reprinted from Transactions of the American Fisheries Society 1939:275-287.
79. Brown, C. J. D., and R. C. Ball. 1940. A rowboat crane for hauling limnological sampling apparatus. Reprinted from Limnological Society of America, Special Publication No. 3.
80. Salyer, J. C. II., and K. F. Lagler. 1940. The food habits of the American merganser during winter in Michigan, considered in relation to fish management. Reprinted from The Journal of Wildlife Management 4(2):186-219.
81. Lagler, K. F. 1940. A turtle loss. Reprinted from American Wildlife 29(1):41-44.
82. Rodeheffer, I. A. 1940. The use of brush shelters by fish in Douglas Lake, Michigan. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 25:357-366.
83. Hazzard, A. S. 1940. Hunt Creek fisheries experiment station. Reprinted from Michigan Conservation 9(7):4-5.
84. Leonard, J. W. 1940. Further observations on the feeding habits of the Montana grayling (*Thymallus montanus*) and the bluegill (*Lepomis macrochirus*) in Ford Lake, Michigan. Reprinted from Transactions of the American Fisheries Society 69:244-256.
85. Brown, C. J. D. 1940. Water weeds-their value and control. Reprinted from Michigan Conservation 9(10):6,7,11.
86. Roelofs, E. W. 1940. Available plant nutrients in lake soils. Reprinted from Michigan Agricultural Experiment Station Quarterly Bulletin 22(4):247-254.
87. Clark, O. H., and A. S. Hazzard. 1940. Census-fisheries style. Reprinted from Michigan Conservation 9(8):3,11.
88. Lagler, K. F., and F. V. Hubbs. 1940. Food of the long-nosed gar (*Lepisosteus osseus oxyurus*) and the bowfin (*Amia calva*) in southern Michigan. Reprinted from Copeia 1940(4):239-241.
89. Michigan Department of Conservation. 1940. Fish Division. Reprinted from Tenth Biennial Report of the Michigan Department of Conservation, 1939-1940.
90. Leonard, J. W. 1940. Some comments on stream improvement in Michigan. Reprinted from Michigan Conservation 10(2):6,7,10.
91. Rodeheffer, I. A. 1940. The movements of marked fish in Douglas Lake, Michigan. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 26:265-280.

92. Beckman, W. C. 1941. Meet Mr. Bluegill. Reprinted from Michigan Conservation 10(7):6,7,11.
93. Lagler, K. F., and K. E. Goellner. 1941. Notes on *Necturus maculosus* (Rafinesque), from Evans Lake, Michigan. Reprinted from Copeia 1941(2):96-98.
94. Shetter, D. S., and A. S. Hazzard. 1941. Results from plantings of marked trout of legal size in streams and lakes of Michigan. Reprinted from Transactions of the American Fisheries Society 70:446-468.
95. Trautman, M. B. 1941. Fluctuations in lengths and numbers of certain species of fishes over a five-year period in Whitmore Lake, Michigan. Reprinted from Transactions of the American Fisheries Society 70:193-208.
96. Greenbank, J. 1941. Selective poisoning of fish. Reprinted from Transactions of the American Fisheries Society 70:80-86.
97. Beckman, W. C. 1941. Increased growth rate of rock bass, *Ambloplites rupestris* (Rafinesque), following reduction in the density of the population. Reprinted from Transactions of the American Fisheries Society 70:143-148.
98. Lagler, K. F. 1941. Predatory animals and game fish. Reprinted from American Wildlife 30:87-90.
99. Michigan Department of Conservation. Fish Division. 1943. List of lake survey maps. Michigan Department of Conservation, 44 pp.
100. Krumholz, L. A., and W. R. Crowe. 1941. How to tell apart the fish that look alike. Reprinted from Michigan Conservation 11(4):6,7.
101. Shetter, D. S., and A. S. Hazzard. 1942. Planting "keeper" trout. Fall, spring and open season stocking results compared. Reprinted by Michigan Conservation 11(4):3,4,5.
102. Hazzard, A. S. 1941. The effects of snow and ice on fish life. Reprinted from Proceedings-Central Snow Conference, Vol. 1:90-94.
103. Beckman, W. C. 1942. Length-weight relationship, age, set ratio and food habits of the smelt (*Osmerus mordax*) from Crystal Lake, Benzie County, Michigan. Reprinted from Copeia 1942(2)120-124.
104. Lagler, K. F., and B. T. Ostenson. 1942. Early spring food of the otter in Michigan. Reprinted from The Journal of Wildlife Management 6:244-254.
105. Hazzard, A. S. 1942. Trout fishing in southern Michigan. Reprinted from Michigan Conservation 11(6):3,9.
106. Carbine, W. F. 1942. Observations on the life history of the northern pike, *Esox lucius* L., in Houghton Lake, Michigan. Reprinted from Transactions of the American Fisheries Society 71:149-164.

107. Leonard, J. W. 1942. Some observations on the winter feeding habits of brook trout fingerlings in relation to natural food organisms present. Reprinted from Transactions of the American Fisheries Society 71:219-227.
108. Brown, C. J. D., and G. C. Kamp. 1942. Gonad measurements and egg counts of brown trout (*Salmo trutta*) from the Madison River, Montana. Reprinted from Transactions of the American Fisheries Society 71:195-200.
109. Brown, C. J. D., and J. W. Moffett. 1942. Observations on the number of eggs and feeding habits of the cisco (*Leucichthys artedi*) in Swains Lake, Jackson County, Michigan. Reprinted from Copeia 1942(3):149-152.
110. Carbine, W. F. 1942. Sphaeriid clams attached to the mouth of young pike. Reprinted from Copeia 1942(3):187.
111. Lagler, K. F., and V. C. Applegate. 1942. Further studies of the food of the bowfin (*Amia calva*) in southern Michigan, with notes on the inadvisability of using trapped fish in food analysis. Reprinted from Copeia 1942(3):190-191.
112. Beckman, W. C. 1943. Annulus formation on the scales of certain Michigan game fishes. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 28:281-312.
113. Michigan Department of Conservation. 1942. Fish Division. Reprinted from the Eleventh Biennial Report of the Michigan Department of Conservation, 1941-1942.
114. Brown, C. J. D. 1943. Coloring lake maps. Reprinted from Limnological Society of America, Special Publication No. 12.
115. Brown, C. J. D., and C. M. Flaten. 1943. A portable field chemistry kit. Reprinted from Limnological Society of America, Special Publication No. 11.
116. Brown, C. J. D. 1942. Fisheries lake survey. Reprinted in part from Michigan Conservation 11:6,7.
117. Carbine, W. F. 1943. The artificial propagation and growth of the common white sucker, *Catostomus c. commersonnii*, and its value as a bait and forage fish. Reprinted from Copeia 1943(1):48-49.
118. Lagler, K. F. 1943. Methods of collecting freshwater turtles. Reprinted from Copeia 1943(1):21-25.
119. Lagler, K. F. 1943. Turtle: an unrationed ration. Reprinted from Michigan Conservation 12:6,7.
- 119a. Lagler, K. F., and V. C. Applegate. 1943. Relationship between the length and weight in the snapping turtle *Chelydra serpentina* Linnaeus. Reprinted from The American Naturalist 77:476-478.
120. Krumholz, L. A. 1943. A comparative study of the Weberian ossicles in North American ostariophysine fishes. Reprinted from Copeia 1943(1):33-40.

121. Lagler, K. F. 1943. Food habits and economic relations of the turtles of Michigan with special reference to fish management. Reprinted from *The American Midland Naturalist* 29:257-312.
122. Brown, C. J. D. 1943. How many lakes in Michigan. Reprinted from *Michigan Conservation* 12(5):6,7.
123. Westerman, F. A. 1943. Michigan "creates" trout lakes. Reprinted from *Michigan Conservation* 12(6):8,9.
124. Brown, C. J. D. 1943. Age and growth of Montana grayling. Reprinted from *The Journal of Wildlife Management* 7(4):353-364.
125. Roelofs, E. W. 1944. Water soils in relation to lake productivity. Reprinted from *Michigan State College Agricultural Experiment Station Technical Bulletin* 190.
126. Hazzard, A. S. 1943. Fish trout for fun-not for food. Reprinted from *Michigan Conservation* 12(10):4,5.
127. Shetter, D. S. 1944. Angler's catches from portions of certain Michigan trout streams in 1939 and 1940, with a discussion of indices to angling quality. Reprinted from *Papers of the Michigan Academy of Science, Arts, and Letters* 29:305-312.
128. Krumholz, L. A. 1944. A check on the fin-clipping method for estimating fish populations. Reprinted from *Papers of the Michigan Academy of Science, Arts, and Letters* 29:281-291.
129. Carbine, W. F. 1944. Egg production of the northern pike, *Esox lucius* L., and the percentage survival of eggs and young on the spawning grounds. Reprinted from *Papers of the Michigan Academy of Science, Arts, and Letters* 29:123-137.
130. Beckman, W. C. 1943. Further studies on the increased growth rate of the rock bass *Ambloplites rupestris* (Rafinesque), following the reduction in density of the population. Reprinted from *Transactions of the American Fisheries Society* 72:72-78.
131. Brown, C. J. D., and R. C. Ball. 1943. An experiment in the use of derris root (rotenone) on the fish and fish-food organisms of Third Sister Lake. Reprinted from *Transactions of the American Fisheries Society* 72:267-284.
132. Brown, C. J. D., and R. C. Ball. 1943. A fish population study of Third Sister Lake. Reprinted from *Transactions of the American Fisheries Society* 72:177-186.
133. Shetter, D. S., and J. W. Leonard. 1943. A population study of a limited area in a Michigan trout stream, September, 1940. Reprinted from *Transactions of the American Fisheries Society* 72:35-51.
134. Krumholz, L. A. 1944. Northward acclimatization of the western mosquitofish, *Gambusia affinis affinis*. Reprinted from *Copeia* 1944:82-85.
135. Westerman, F. A., P. I. Tack, and A. S. Hazzard. 1943. Michigan's program to encourage wider utilization of the less popular varieties of fish. Reprinted from *Transactions of the Eighth North American Wildlife Conference* 1943:251-259.

136. Cooper, G. P. 1937. Age, growth, and morphometry of the cisco, *Leucichthys artedi* (Le Sueur), in Blind Lake. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 22:563-571.
137. Michigan Department of Conservation. 1944. Fish Division. Reprinted from Twelfth Biennial Report of the Michigan Department of Conservation, 1943-1944.
138. Carbine, W. F. 1945. Growth potential of the northern pike (*Esox lucius*). Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 30:205-220.
139. Lagler, K. F., and J. C. Salyer, II. 1945. Influence of availability on the feeding habits of the common garter snake. Reprinted from Copeia 1945(3):159-162.
140. Rodeheffer, I. A. 1945. Fish populations in and around brush shelters of different sizes placed at varying depths and distances apart in Douglas Lake, Michigan. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 30:321-345.
141. Wilson, I. T. 1945. A study of the sediment in Douglas Lake, Cheboygan County, Michigan. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 30:391-419.
142. Westerman, F. A., and A. S. Hazzard. 1945. For better fishing. Pamphlet combining four articles reprinted from Michigan Conservation, July, August, September and October 1945, Vol. 14, No. 7, 8, 9, and 10; July, pp. 6 and 7; August, pp. 6-8; September, pp. 6-9; October, pp. 6-9.
143. Greenbank, J. 1945. Limnological conditions in ice-covered lakes, especially as related to winter-kill of fish. Reprinted from ecological Monographs 15:343-392.
144. Carbine, W. F., and V. C. Applegate. 1946. Recaptures of tagged walleyes, *Stizostedion v. vitreum* (Mitchill), in Houghton Lake and the Muskegon River, Roscommon County, Michigan. Reprinted from Copeia 1946(2):97-100.
145. Brown, C. J. D. 1943-1944. How many lakes in Michigan? Reprinted from Michigan Conservation, June 1943, Vol. 13, No. 5 and June 1944, Vol. 13, No. 5.
146. Michigan Department of Conservation. 1946. Fish Division. Reprinted from Thirteenth Biennial Report of the Michigan Department of Conservation, 1945-1946.
147. Applegate, V. C. 1947. The menace of the sea lamprey. Reprinted from Michigan Conservation, May 1947, 16(4):6, 7, and 10.
148. Moffett, J. W., and B. P. Hunt. 1945. Winter feeding habits of bluegills, *Lepomis macrochirus* Rafinesque, and yellow perch, *Perca flavescens* (Mitchill), in Cedar Lake, Washtenaw County, Michigan. Reprinted from Transactions of the American Fisheries Society 73:231-242.
149. Carbine, W. F., and D. S. Shetter. 1945. Examples of the use of two-way fish weirs in Michigan. Reprinted from Transactions of the American Fisheries Society 73:70-89.
150. Hazzard, A. S. 1947. Lake trout planting experiment in Lake Michigan. Reprinted from Michigan Conservation 16(5):5, 6, 7.

151. Beckman, W. C. 1947. A look at a lake. Reprinted from Michigan Conservation 16(6):6, 7.
152. Lagler, K. F., and J. C. Salyer, II. 1947. Food and habits of the common watersnake, *Natrix s. sipedon*, in Michigan. Reprinted from Papers of the Michigan Academy of Science, Arts, and Letters 31(1945):169-180.
153. Anderson, L. R. 1947. A note on the capture of smallmouth bass by angling through the ice. Reprinted from Copeia 1947(3):201.
154. Lagler, K. F. 1947. Lepidological studies. I. Scale characters of the families of Great Lakes fishes. Reprinted from Transactions of the American Microscopical Society 66(2):149-171.
155. Shetter, D. S. 1947. The electric "shocker" and its use in Michigan streams. Reprinted from Michigan Conservation 16(9):8-10.
156. Applegate, V. C. 1947. Growth of some lake trout, *Cristivomer n. namaycush*, of known age in inland Michigan lakes. Reprinted from Copeia 1947(4):237-241.
157. Leonard, J. W. 1948. Importance of fish food insects in trout management (pp. 8-9). Reprinted from Michigan Conservation 17(1).
- 157a. Michigan Conservation, 1949, Vol. 18, No. 2: contains the following articles:  
L. N. Allison. Trout get sick, too (pp. 10-12);  
A. K. Adams, Beaver vs. trout (pp. 15-16);  
J. W. Leonard, The Michigan grayling (pp. 24-25);  
A. S. Hazzard, Trout fisheries in New Zealand (pp. 32-34).
- 157b. Michigan Conservation, 1949, Vol. 18, No. 3: contains the following articles:  
E. L. Cooper. Brook trout fishing. (pp. 23-24);  
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K. G. Fukano, General creel census. (p. 34).
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V. C. Applegate, The sea lamprey in Michigan (pp. 13-15);  
F. G. Fanselow, Public fishing sites (pp. 26-29).
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V. S. Pratt, Southern Michigan trout streams (pp. 10-12);  
E. L. Cooper, What happens to trout? (pp. 24-27).
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J. W. Moffett, Sea lamprey control (pp. 18-20).
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N. O. Levarnsen, Weed control in Michigan lakes (pp. 11-14);  
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E. L. Cooper. The North Branch Story (pp. 8-11).
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C. M. Taube. Riverine lakes. (pp. 18-20).
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