

INVESTIGATIONS IN FISH CONTROL

82. *Investigations in Fish Control:*
Index to Numbers 1-72, 1964-76



UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

Investigations in Fish Control, published by the Fish and Wildlife Service, include reports on the results of work at the Service's Fish Control Laboratories at La Crosse, Wis., and Warm Springs, Ga., and reports of other studies related to that work. Though each report is regarded as a separate publication, several may be issued under a single cover, for economy. [See Investigations in Fish Control 47-50 (in one cover) for list of issues published prior to 1970.]

(Reports 41 through 43 are in one cover.)

41. Identification of MS-222 Residues in Selected Fish Tissues by Thin Layer Chromatography, by John L. Allen, Charles W. Luhning, and Paul D. Harman. 1970. 7 pp.
42. Dynamics of MS-222 in the Blood and Brain of Freshwater Fishes During Anesthesia, by Joseph B. Hunn. 1970. 8 pp.
43. Effect of MS-222 on Electrolyte and Water Content in the Brain of Rainbow Trout, by Wayne A. Willford. 1970. 7 pp.
44. A Review of Literature on TFM (3-trifluoromethyl-4-nitrophenol) as a Lamprey Larvicide, by Rosalie A. Schnick. 1972. 31 pp.

(Reports 45 and 46 are in one cover.)

45. Residues of MS-222 in Northern Pike, Muskellunge, and Walleye, by John L. Allen, Charles W. Luhning, and Paul D. Harman. 1972. 8 pp.
46. Methods of Estimating the Half-Life of Biological Activity of Toxic Chemicals in Water, by Leif L. Marking. 1972. 9 pp.

(Reports 47 through 50 are in one cover.)

47. Preparation and Properties of Quinaldine Sulfate, an Improved Fish Anesthetic, by John L. Allen and Joe B. Sills. 1973. 7 pp.
48. Toxicity of Quinaldine Sulfate to Fish, by Leif L. Marking and Verdel K. Dawson. 1973. 8 pp.
49. The Efficacy of a Quinaldine Sulfate as an Anesthetic for Freshwater Fish, by Philip A. Gilderhus, Bernard L. Berger, Joe B. Sills, and Paul D. Harman. 1973. 9 pp.
50. Residue of Quinaldine in Ten Species of Fish Following Anesthesia with Quinaldine Sulfate, by Joe B. Sills, John L. Allen, Paul D. Harman, and Charles W. Luhning. 1973. 9 pp.

(Reports 51 and 52 are in one cover.)

51. Methods for Simultaneous Determination and Identification of MS-222 and Metabolites in Fish Tissues, by Charles W. Luhning. 1973. 10 pp.
52. Residues of MS-222, Benzocaine, and Their Metabolites in Striped Bass Following Anesthesia, by Charles W. Luhning. 1973. 11 pp.

(Reports 53 through 55 are in one cover.)

53. Toxicity of Mixtures of Quinaldine Sulfate and MS-222 to Fish, by Verdel K. Dawson and Leif L. Marking. 1973. 11 pp.
54. The Efficacy of Quinaldine Sulfate:MS-222 Mixtures for the Anesthetization of Freshwater Fish, by Philip A. Gilderhus, Bernard L. Berger, Joe B. Sills, and Paul D. Harman. 1973. 9 pp.
55. Residues of Quinaldine and MS-222 in Fish Following Anesthesia with Mixtures of Quinaldine Sulfate:MS-222, by Joe B. Sills, John L. Allen, Paul D. Harman, and Charles W. Luhning. 1973. 12 pp.

(Reports 56 through 59 are in one cover.)

56. Toxicity of the Lampricide 3-Trifluoromethyl-4-nitrophenol (TFM) to 10 Species of Algae, by A. A. Maki, L. D. Geissel, and H. E. Johnson. 1975. 17 pp.
57. Acute Toxicities of 3-Trifluoromethyl-4-nitrophenol (TFM) and 2',5-Dichloro-4'-nitrosalicylanilide (Bayer 73) to Larvae of the Midge *Chironomus tentans*, by J. A. Kawatki, M. M. Ledvina, and C. R. Hansen. 1975. 7 pp.
58. Acute Toxicity of the Lampricide 3-Trifluoromethyl-4-nitrophenol (TFM) to Nymphs of Mayflies (*Hexagenia* sp.), by C. R. Fremling. 1975. 8 pp.
59. Toxicity and Residue Dynamics of the Lampricide 3-Trifluoromethyl-4-nitrophenol (TFM) in Aquatic Invertebrates, by H. O. Sanders and D. F. Walsh. 1975. 9 pp.

INVESTIGATIONS IN FISH CONTROL

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By Rosalie A. Schnick
Kimberlee A. Graves



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Investigations in Fish Control: Index to Numbers 1-72, 1964-76

by

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Abstract

This index comprises key words from *Investigations in Fish Control*, a publication of the U.S. Fish and Wildlife Service that reports results of research conducted at the Fish Control Laboratories, La Crosse, Wisconsin, and Warm Springs, Georgia, and by certain cooperating investigators. Each number constitutes a separate publication, although several may be issued under a single cover. An appendix lists the titles, authors, and publication dates of *Investigations in Fish Control* included in this index.

This index was constructed from key words and related terms from the text of issues 1-72 of *Investigations in Fish Control*. Items indexed include fish and invertebrate species, plants, chemical names, terminology, and author names. For clarity and convenience, "see also" references are included. Common names of species constitute the main entries; scientific names are referenced to common names. All common and scientific names of species in the list have been verified in the following references:

Aquatic plants: macrophytes, Prescott 1969; algae, Smith 1950, and Whitford and Schumacher 1973.

Invertebrates: insects, Borror and White 1970;

others, Pennak 1953.

Fish: aquarium fishes, Axelrod and Schultz 1955; North American fishes, Bailey 1970; others, Grzimek 1973 and 1974, and Sterba 1963.

Amphibians and reptiles: Conant 1958; Smith 1961; frogs, Wright and Wright 1949.

Chemical names are referenced to the common or trade names of the chemicals. Chemical nomenclature conforms to the system suggested by the International Union of Pure and Applied Chemists (IUPAC). Entries are listed alphabetically.

Each indexed term is followed by the issue number(s) in which the term appears.

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Appendix I

Investigations in Fish Control 1-72

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