

X. LITERATURE CITED

- Abbott Laboratories. VectoLex biological larvicide.. Abbott Laboratories, North Chicago, Illinois (1996).
- Adkins, R.B. Jr. and A.H. Dao. Pulmonary dirofilariasis: a diagnostic challenge. *South. Med. J.* 77,372 (1984).
- Aizawa, H. Metabolic Maps of Pesticides, Academic Press, New York (1982).
- Allo, A.Y., A. Isaq and I.F. Dolfini. Field trial on the impact of *Oreochromis spilurus spilurus* on malaria transmission In Northern Somalia. WHO/V8C 85,910 (1985).
- Ambrose, A.M. and D.J. Robbins. Comparative toxicity of pyrethrins and allethrin. *Fed. Proc.* 10,276 (1951).
- Anderson, J.F. and S.L. Ringo. *Entomophthora aquatica* sp. n. infecting larvae and pupae of floodwater mosquitoes. *J. Invert. Pathol.* 13,386-393 (1969).
- Anderson, J.R., D.E. Egerter and J.O. Washburn. The biology and biological control potential of *Lambornella clarki* (Ciliophora: Tetrahymenidae), an endoparasite of the Western treehole mosquito, *Aedes sierrensis*. *Proc. Calif. Mosq. Vector Control Assoc.* 54,149 (1986).
- Andreadis, T.G. and L.A. Magnarelli. *Erynia aquatica* in a salt-marsh mosquito, *Aedes cantator*. *J. Invert. Pathol.* 42,277-279 (1983).
- Arnott, J.J. and J.D. Edman. Mosquito vectors of dog heartworm, *Dirofilaria Lmmitis* in Western Massachusetts. *Mosq. News* 38,87 (1978).
- Axtell, R.C. Principles of integrated pest management (IPM) in relation to Mosquito Control. *Mosq. News* 39,710 (1979).
- Balling, S.S. and V.H. Resh. Arthropod community response to mosquito control recirculation ditches in San Francisco Bay salt marshes. *Environ. Entomol.* 11,801-808 (1982).
- Barr, A.R. Incompatability, in Biological Control of Mosquitoes, H.C. Chapman (Ed.), pp. 83-84, Bull. No. 6, Amer. Mosq. Contr. Assoc. (1985).
- Bates, M. The natural history of mosquitoes. Peter Smith, Gloucester, Massachusetts (1970 reprint of 1949 edition).
- Bay, E.C. Other Larvivorous Fishes, in Biological Control of Mosquitoes, H.C. Chapman (Ed.), pp. 18-24, Bull. No. 6, Amer. Mosq. Contr. Assoc. (1985).
- Beardsley, W.G. The economic impact of recreation development: A Synopsis, in Recreation Symposium Proceedings, Upper Darby, N.E. Forest Experiment Station, U.S. Forest Service (1971).
- Bircher, L. and E. Ruber. toxicity of methoprene to all stages of the salt marsh copepod, *Apocyclops spartinus* (Cyclopoida). *J. Amer. Mosq. Contr. Assoc.* 4,520-523 (1988).
- Black, C.T. and G.L. Zorb. The insecticide malathion - is it safe for birds? Unpublished abstract from paper presented at XIV Int. Ornithol. Cong., Oxford, England (1967).
- Blaug, M. Economic Theory in Retrospect. R.D. Irwin Co., Homewood, Ill. (Rev. Edit.) (1968).
- Bokland, R.J. Mosquitofish in control programs. *J. Amer. Mosq. Contr. Assoc.* 13,99-100. (1997).
- Bourke, J.B., E.J. Broderick, L.R. Hackler and P.C. Lippold. Comparative metabolism of carbon-labeled malathion in plants and animals. *J. Agric. Food Chem.* 16,585 (1968).
- Bourn, W.S. and C. Cottam. Some biological effects of ditching tidewater marshes. Fish & Wildlife Service, U.S. Dept. of the Interior, Res. Rpt. 19,1 (1950).
- Boyes, D. and P. Capostosto. Open marsh water management in control of *Aedes sollicitans* in Barrington, RI. *Mosq. News* 40,645-647 (1980).
- Brown, R.G. Effects of wetland channelization on runoff and loading. *Wetlands* 8,123-133 (1988).
- Brust, R.A. and R.A. Costello. Effect of temperature and relative humidity on hatching of eggs and on longevity of adults of *Aedes vexans*. *Proc. Calif. Mosq. Contr. Assoc.* 35,76 (1967).
- Buchsbaum, R. Coastal marsh management. in Applied wetlands science and technology, D.M. Kent (Ed.) pp. 331-361. Lewis Publishers, Boca Raton, Florida (1994).
- Calisher, C.H. and W.H. Thompson (Eds.) California Serogroup Viruses. Alan E. Liss, Inc. N.Y. (1983).
- Case, T.J. and R.K. Washino. Effects of the growth regulator methoprene on *Culex tarsalis* and non-target organisms in California rice fields. *Mosq. News*, 38,191 (1978).
- Casida, J.E. Mixed function oxidase involvement in the biochemistry of insecticide synergists. *J. Agr. Food Chem.* 18,753 (1970).
- Casida, J.E., J.L. Engel, E.G. Esaac, F.X. Kamienski and S. Kuwatsuka. Methylene-C¹⁴-dioxyphenyl compounds: Metabolism in relation to their synergistic action. *Science* 153,1130 (1966).

- Castillo, A.E. *Bacillus thuringiensis*: registration standard. EPA, Office of Pesticide Programs (TS-766C), Fact Sheet #93, (Sept. 1986).
- Chamberlain, W.F., L.M. Hunt, D.E. Hopkins, A.R. Gingrich, J.A. Miller and B.N. Gilbert. Absorption, excretion, and metabolism of methoprene by a guinea pig, a steer, and a cow. *J. Agric. Food Chem.* 23,736 (1975).
- Chodorowski, A. Predator-prey relation between *Mochlonyx culiciformis* and *Aedes communis*. *Polskie Archiwum Hydrobiologii* 15,279 (1968).
- Christie, G.D. Salt marsh mosquito control in Portsmouth, Rhode Island. *J. Amer. Mosq. Contr. Assoc.* 6,144-147 (1990).
- Christie, G.D. Open marsh water management on Nantucket. Proceedings of the 39th Annual Meeting of the Northeast Mosquito Control Association. 25-26 (1993)
- Christie, G.D. Guidelines for the use of pesticides on city-owned property. City of Warwick, Rhode Island. 54 pp. (1994).
- Christie, G.D. *Erynia aquatica* a fungal disease of immature mosquitoes identified from a woodland pool in Bristol, RI. Proceedings of the 42nd Annual meeting of the Northeastern Mosquito Control Association. 48-49 (1996).
- Clark, J.M. and W.M. Brooks. Neurotoxicology of pyrethroids; single or multiple mechanisms of action? *Environ. Toxicol. Chem.* 8 (1989).
- Clarke, J.A., B.A. Harrington, T. Hruby and F.E. Wasserman. The effect of ditching for mosquito control on salt marsh use by birds in Rowley, Mass. *J. Field Ornithol.* 55,160 (1984).
- Cole L.M. and J.E. Casida. Pyrethroid toxicology in the frog. *Pestic. Biochem. Physiol.* 20,217 (1983).
- Collins, F.H. and Robert K. Washino. Insect Predators, in Biological Control of Mosquitoes, H.C. Chapman (Ed.), pp. 25-41, Bull. No. 6, Amer. Mosq. Contr. Assoc. (1985).
- Curtis, C.F. Anti-mosquito buzzers, advertising and the law. *Wingbeats.* 5(4),10-12,6. (1994).
- Daiber, F.C. Conservation of tidal marshes. Van Nostrand Reinhold Co., NY (1986).
- Darsie, R.F., Jr. and R.A. Ward. Identification and Geographical Distribution of the Mosquitoes of North America, North of Mexico. *Mosq. Syst. Supplement* 1,313pp. (1981).
- Deren, M.M. and B. Felnberg. Human pulmonary dirofilariasis. Two case reports. *Conn. Med.* 48,87 (1984).
- DeSista, R.J. & C.J. Newling. A review of Mosquito Control Operations in Massachusetts Wetlands. Regulatory Branch, U.S. Army Corps of Engineers, New England Division, Special Report (1979).
- Edens, T.C. Agricultural Management of a New Era: The Role of Insect Survey and Detection. Paper presented to the Entomological Society of America, Washington, D.C. (Nov. 1977).
- Edens, T.C. and W.S. Cooper. The Evaluation of Alternative Control Systems for Agricultural Pest Management. A Final Report to the National Aeronautics and Space Administration, Contract No. NA52-8407 (Dec. 30, 1974).
- Edman, J.D. Host-feeding patterns of Florida mosquitoes I. *Aedes, Anopheles Coquillettidia, Mansonia* and *Psorophora*. *J. Med. Ent.* 8,687 (1971).
- Edman, J.D. Host-feeding patterns of Florida Mosquitoes III. *Culex (Culex)* and *Culex (Neoculex)*. *J. Med. Ent.* 11,95 (1974).
- Edman, J.D., R. Timperi, and B. Werner. Epidemiology of eastern equine encephalitis in Massachusetts. *J. Fla. Mosq. Contr. Assoc.* 64,84-96 (1993).
- Egler, F.E. and W.R. Miller. Vegetation of the Wequetequock-Pawcatuck tidal marshes, Connecticut. *Ecological Monographs* 20,143-172 (1950).
- Eliason, D.A. Mosquito Control with *Gambusia affinis*. *J. Amer. Mosq. Contr. Assoc.* 13,101. (1997).
- Ellgaard, E.G., J.T. Barber, S.C. Tiwari and A.L. Friend. An analysis of the swimming behavior of fish exposed to the insect growth regulators, methoprene and diflubenzuron. *Mosq. News* 39,311 (1979).
- Elliott, M., N.F. Janes, J.E. Casida and E.C. Kimmel. Mammalian metabolites of pyrethroids. *Pyrethrum Post* 11,94 (1972a).
- Elliott, M., N.F. Janes, E.C. Kimmel and J.E. Casida. Metabolic fate of pyrethrin I, pyrethrin II, and allethrin administered orally in rats. *J. Agric. Food Chem.* 20,300 (1972b).
- Environmental Impact Statement. Wide Area Spraying with Malathion for Adult Mosquito Control to Control the Spread of Eastern Equine Encephalitis. Mass. Dept. of Public Health (1975).

- EPA. Arosurf MSF Chemical Fact Sheet, (2/15/84).
- Exxon. Flit MLO: product and properties. Exxon Corp. Houston, Texas (March 16, 1973)
- Federici, B.A. Viral Pathogens, in Biological Control of Mosquitoes, H.C.Chapman (Ed.), pp. 62-74, Bull. No. 6, Amer. Mosq. Contr. Assoc. (1985).
- Federici, B.A., P.W. Tsao, and C.J. Lucarotti. Coelomyces (Fungi), in Biological Control of Mosquitoes, H.C. Chapman (Ed.), pp. 75-86, Bull. No. 6, Amer. Mosq. Contr. Assoc. (1985).
- Ferrigno, F. Ecology of marsh and coastal impoundments. Job Progress Rpt. N.J. Div. Fish, Game & Shell Fisheries. Proj. No. W-34-R-16. Job No. II-A, 19pp. (1970).
- Ferrigno, F. and D.M. Jobbins. Open marsh management. Proc. N.J. Mosq. Exterm. Assoc. 55,104 (1968).
- Ferrigno, F., L.G. MacNamara and D.M. Jobbins. Ecological approaches for improved management of coastal meadowlands. Proc. N.J. Mosq. Exterm. Assoc. 56,188 (1969).
- Fish, D. and D.J. Joslyn. Larval population estimates of *Aedes communis* using Giemsa marking. Mosq. News. 44,565 (1984).
- Fisher, R. and L. Rosner. J. Agric. Food Chem. 7,687 (1959).
- Fleming, W.J., G.H. Heinz, J.C. Franson and B.A. Rattner. Toxicity of abate 4E (temephos) in mallard ducklings and the influence of cold. Environ. Toxicol. Chem. 4,193 (1985).
- Focks, D.A. *Toxorhynchites*, in Biological Control of Mosquitoes, H.C. Chapman (Ed.), pp. 42-45, Bull. No. 6, Amer. Mosq. Contr. Assoc. (1985).
- Fortin, C., A. Maire and R. Leclair. The residual effect of temephos (Abate 4-E) on nontarget communities. J. Amer. Mosq. Contr. Assoc. 3,282-288. (1987).
- Foster, W.A. and K.I. Lutes. Tests of ultrasonic emissions on mosquito attraction to hosts in a flight chamber. J. Amer. Mosq. Contr. Assoc. 1,199 (1985).
- Franson, J.C., J.W. Spann, G.H. Heinz, C. Bunck, and T. Lamont. Effects of dietary abate on reproductive success, duckling survival, behavior, and clinical pathology in game-farm mallards. Arch. Environ. Contam. Toxicol. 12,529 (1983).
- Fukushima, K., P. Hutsell, S. Patton and C.S. Patton. Aberrant dirofilariasis in a cat. J. Amer. Vet. Med. Assoc. 184,199 (1984)
- Gaines, T.B., R. Kimbrough and E.R. Laws, Jr. Toxicology of Abate in laboratory animals. Arch. Environ. Health 14,283 (1967).
- Garcia, R., B. DesRochers and W. Tozer. Studies on the toxicity of *Bacillus thuringiensis* var. *israelensis* against organisms found in association with mosquito larvae. Proc. Ann. Conf. of the Calif. Mosq. & Vec. Contr. Assoc., pp. 33-36 (1980).
- Gaudin, O. Recherches sur l'Action Physiologique des Pyrethrine. Vigot Feres (1937).
- Gettman, A.D. Mapping Block Island saltmarshes for OMWM conversion. Proc. 41st Ann. Meeting of the Northeastern Mosq. Contr. Assoc. 24-25 (1995).
- Ghadiri, M., D.A. Greenwood and W. Binns. Feeding of malathion and carbaryl to laying hens and roosters. Toxicol. Appl. Pharmacol. 10,392 (1967).
- Goode, G. Salt marsh snakes and open marsh water management. Wing Beats. 7(2),9 (1996).
- Gratz, N.S., E.F. Legner, G.K. Meffe, E.C. Bay, M.W. Service, C. Swanson, J.J. Cech, Jr., and M. Laird. Comments on adverse assessments of *Gambusia*. J. Amer. Mosq. Contr. Assoc. 12,160-166. (1996).
- Greenberg, J. and Q.N. LaHam. Malathion-induced teratisms in the developing chick. Can. J. Zool. 47,539 (1969).
- Greenberg, J. and Q.N. LaHam. Reversal of malathion-induced teratisms and its biochemical implications in the developing chick. Can. J. Zool. 48,1047 (1970).
- Griffin, C.S. Mammalian toxicology of pyrethrum. Pyrethrum Post 12,50 (1973).
- Grue, C.E., W.J. Fleming, D.G. Busby and E.F. Hill. Assessing hazards of organophosphate pesticides to wildlife. Proc. 48th N. Amer. Wildlife Nat. Res. Conf. (1983).
- Guthe, W.G. GIS: a new tool for mosquito control. Wing Beats 4(1),4-6 (1993).
- Hall, R.J. and E. Kolbe. Bioconcentration of organophosphorus pesticides to hazardous levels by amphibians. J. Toxicol. Environ. Health 6,853 (1980).
- Harrington, R.W. and E.S. Harrington. Food selection among fishes invading a high subtropical salt marsh: from onset of flooding through the progress of a mosquito brood. Ecology 42,646-666 (1961).

- Hartley, D. and H. Kidd (Eds.) Agrochemical Handbook, Royal Soc. Chem., Nottingham, England (1983).
- Hayes, W.J. Pesticides Studied in Man, Williams and Wilkins, Baltimore and London (1982).
- Hazard, E.I. Microsporidia (Microspora, Protozoa), in Biological Control of Mosquitoes, H.C. Chapman (Ed.), pp. 51-55, Bull. No. 6, Amer. Mosq. Contr. Assoc. (1985).
- Heath, D.F. Organophosphorus Poisons: Anticholinesterase and Related Compounds, Pergamon Press, New York (1961).
- Henley, D.M. Operational evaluation of an aerial application of Altosid pellets to control mosquitoes breeding in flooded cavities in white cedar and red maple swamps. Proc. 38th Ann. Meeting of the Northeastern Mosq. Contr. Assoc. 50-53 (1992).
- Henry, R.A., J.A. Schmit, J.F. Dieckman and F.J. Murphy. Combined high speed liquid chromatography and bioassay for evaluation and analysis of an organophosphate larvicide. Anal. Chem. 43,1053 (1971).
- Hierons, R. and M.K. Johnson. Clinical and toxicological investigations of a case of delayed neuropathy in man after acute poisoning by an organophosphorus pesticide. Archs Toxicol. 40,279 (1978).
- Hoffman, D.J. and P.H. Albers. Evaluation of potential embryotoxicity and teratogenicity of 42 herbicides, insecticides, and petroleum contaminants to mallard eggs. Arch. Environ. Contamin. Toxicol. 13,15 (1983).
- Horn, K. Dealing with aberrant attitudes about pests. Pest Control 60(11),32-33. (1992).
- Horsfall, W.R., H.W. Fowler, Jr., L.J. Moretti and J.R. Larson. Bionomics and Embryology of the Inland Floodwater Mosquito *Aedes vexans*. U. Ill. Press, Urbana (1973).
- Hruby, T., W.G. Montgomery, R.A. Lent, and N. Dobson. Open marsh water management: adapting the technique to local conditions and its impact on mosquito larvae during the first season. J. Amer. Mosq. Contr. Assoc. 1,85-88 (1985).
- Hruby, T. and W.G. Montgomery. Open Marsh Water Management For Open Tidal Marshes in the Northeast. A Manual of Methods. Mass. Audubon Soc., Lincoln, MA. (1986).
- Hudson, R.H., R.K. Tucker and M.A. Haegele. Handbook of Toxicity of Pesticides to Wildlife. U.S. Dept. Interior: Fish and Wildlife, Washington, DC (1984).
- Hynes, H.B.N. The ecology of running waters. University of Toronto Press, Toronto, Canada (1972).
- John, K.H., J.R. Stoll and J.K. Olson. An economic assessment of the benefits of mosquito abatement in an organized mosquito control district. J. Amer. Mosq. Contr. Assoc. 3,8 (1987).
- Johnson, W.W. and M.T. Finley. Handbook of Acute Toxicity of Chemicals to Fish and Aquatic Invertebrates. U.S. Dept. Interior: Fish and Wildlife, 137pp., Washington, DC (1980).
- Joslyn, D.J., L.B. Conrad and P.T. Slavin. Development and preliminary field testing of the Giemsa self-marker for the saltmarsh mosquito *Aedes sollicitans* (Walker) (Diptera: Culicidae). Ann. Entomol. Soc. Amer. 1,20 (1985).
- Kale, H.W. The relationship of Purple Martins to mosquito control. Auk 85,654 (1968).
- Kamienski, F.X. and J.E. Casida. Importance of demethylation in the metabolism in vivo and in vitro of methylenedioxophenyl synergists and related compounds in mammals. Biochem. Pharmacol. 19,91 (1970).
- Karch, S., N. Monteny, J.L. Jullien, G. Sinegre, and J. Coz. Control of *Culex pipiens* by *Bacillus sphaericus* and role of nontarget arthropods in its recycling. J. Amer. Mosq. Contr. Assoc. 6,47-54. (1990).
- Kenny, L.P. Wicked bug puddles; a guide to the study and certification of vernal pools. Vernal Pool Association and EPA. U. S. Government Printing Office (1995).
- Kimbrough, R.D., T.B. Gaines and W.J. Hayes. Combined effect of DDT, pyrethrum and piperonyl butoxide on rat liver. Arch. Environ. Health 16,333 (1968).
- King, W.M. and C. Munro. Results on a questionnaire survey on the incidence of dog heartworm in Plymouth County, Massachusetts. Proc. 35th Ann. Meeting of the Northeastern Mosq. Contr. Assoc. 88-91 (1989).
- Kipling, M.D. and M.A. Cooke. Soots, tars, and oils as causes of occupational cancer, in Chemical Carcinogens, C.E. Searle (Ed.) Vol.1, Chap. 3, ACS, Washington, DC (1984).
- Kunze, F.M., E.P. Laug and C.S. Prickett, The storage of methoxychlor in the fat of the rat. Proc. Soc. Exp. Biol. Med. 75,415 (1950).
- Lacey, L.A. *Bacillus thuringiensis* Serotype H-14, in Biological Control of Mosquitoes, H.C. Chapman (Ed.), pp. 132-158, Bull. No. 6, Amer. Mosq. Contr. Assoc. (1985).

- Lacey, L.A. and A.H. Undeen. Microbial control of black flies and mosquitoes. Ann. Rev. Ent. 31,265 (1986).
- Lanciani, C. and J.M. Boyett. Demonstrating parasitic water mite-induced mortality in natural host populations. Parasitol. 81,465 (1980).
- Laveglia, J. and P.A. Dahm. Degradation of organophosphorus and carbamate insecticides in the soil and by soil microorganisms. Ann. Rev. Ent. 22,483 (1977).
- Laven, H. Eradication of *Culex pipiens fatigans* through cytoplasmic incompatibility. Nature 216,383 (1967).
- Lehman, A.J. Chemicals in foods: A report to the Association of Food and Drug Officials on current developments. Part II. Pesticides. Section I: Introduction. Section II: Dermal Toxicity. Section III: Subacute and chronic toxicity. Section IV: Biochemistry. Section V: Pathology. Assoc. Food Drug Off. U.S.Q. Bull., 1.15,122 (1951); II.16,3 (1952); III.16,47 (1952); IV.16,85 (1952); V.16,126 (1952).
- Lesser, C.R., F.J. Murphrey and R.W. Lake. Some effects of grid system mosquito control ditching on saltmarsh biota in Delaware. Mosq. News 36,69 (1976).
- Levinskas, G.J. and C.B. Shaffer. Toxicity of abate, a mosquito larvicide, and its sulfoxide. Toxicol. Appl. Pharmacol. 17,301 (1970).
- Levy, R., W.D. Garrett, J.J. Chizzonite and T.W. Miller. Control of *Culex* spp. mosquitoes in sewage treatment systems at southern Florida with monomolecular organic surface film. Mosq. News 40,27 (1980).
- Lockhart, W.L., D.A. Metner, F.J. Ward and G.M. Swanson. Population and cholinesterase responses in fish exposed to malathion sprays. Pestic. Biochem. Physiol. 24,12 (1985).
- Lores, E.M., J.C. Moore, P. Moody, J. Clark, J. Forester and J. Knight. Bull. Environ. Contam. Toxicol. 35,308 (1985).
- Mackenzie, D.L., H.E. Braun and R. Frank. Municipal larvicing programs with temephos to control early and mid-season mosquitoes in Ontario [Canada], 1974-1980. Mosq. News 43,187 (1983).
- Maddy, K.T. As cited in Van Driesche. Masaachusetts Pesticide News, Cooperative Extension Service, University of Massachusetts, Amherst, 9,8 (1984).
- Marquis, J.K. Contemporary Issues in Pesticide Toxicology and Pharmacology. Karger, New York (1986).
- Marten, G.G. Impact of the copepod *Mesocyclops leuckarti pilosa* and the green alga *Kirchneriella irregularis* upon larval *Aedes albopictus* (Diptera: Culicidae). Bull. Soc. Vec. Ecol. 9,1 (1984).
- Matsumura, F. Toxicology of Insecticides. Plenum Press, New York (1985).
- Matsumura, F. and C.T. Ward. Degradation of insecticides by the human and rat liver. Arch. Environ. Health 13,257 (1966).
- McCarty, R.T., M. Haufler and C.A. McBeth. Response of sheep grazing forage sprayed with phorate or mevinphos. J. Amer. Vet. Med. Assoc. 154,1557 (1968).
- McCray, E.M. *Laganidium giganteum*, in Biological Control of Mosquitoes, H.C. Chapman (Ed.), pp. 87-98, Bull. No. 6, Amer. Mosq. Contr. Assoc. (1985).
- Meisch, M.V. *Gambusia affinis affinis*, in Biological Control of Mosquitoes, H.C. Chapman (Ed.), pp. 3-17. Bull. No. 6, Amer. Mosq. Contr. Assoc. (1985).
- Merritt, R.W. and K.W. Cummins. An Introduction to the Aquatic Insects of North America, 2nd Edition, Kendall/Hunt Pub. Co., Dubuque, IA, (1984).
- Metcalf, R.L. Mode of action of insecticide synergists. Ann. Rev. Ent. 12,229 (1967).
- Metcalf, R.L. Historical perspective of organophosphorus ester-induced delayed neurotoxicity. Neurotoxicol. 3,269 (1982).
- Mijares, A.S. and R.P. Pacheco. Reduction of mosquito larval densities in natural sites after introduction of *Romanomermis culivora* (Nematoda: Mermithidae) in Cuba. J. Med. Entomol. 34(1),1-4 (1997).
- Miller, W.H. Arosurf monomolecular surface film, EPA: Fact Sheet. Insecticide- Rodenticide Branch Registration Division, TS-767, (Feb. 15, 1984).
- Mishan, E.J. Cost-Benefit Analysis. Praeger Publ., N.Y. (1976).
- Mitchell, J.C., G. Dupuis and G.H.N. Towers. Allergic contact dermatitis from pyrethrum (*Chrysanthemum* spp.). The role of pyrethrosin, a sesquiterpene lactone, and of pyrethrin II. Br. J. Dermatol. 86,568 (1972).
- Mitchell, L. Mythical mosquito control. Wingbeats. 3(2),18-20. (1992).

- Moeller, G.W., R. MacLachlan and D.A. Morrison. Measuring Perception of Elements in Outtoor Environments, Upper Darby, Pennsylvania: USDA Forest Service Research Paper, N.E., 289pp. (1976).
- Molloy, D. and H. Jamnback. Field evaluation of *Bacillus thuringiensis* var. *israelensis* as a black fly biocontrol agent and its effects on nontarget stream insects. J. Econ. Ent. 74,314 (1981).
- Molloy, D. and S.P. Wraight. Rediscovery of *Erynia aquatica* (Entomophthoraceae) in snowpool mosquitoes. J. Invert. Pathol. 40,142-145 (1982).
- Moore, C.G. The centers for Disease Control perspective of the introduction of *Aedes albopictus* into the United States. J. Amer. Mosq. Contr. Assoc. 2,416 (1986).
- Morris, C.D., R.H. Zimmerman and J.D. Edman. Epizootiology of eastern equine encephalomyelitis in upstate New York II. Population dynamics and vector potential of adult *Culiseta melanura* in relation to distance from breeding site. J. Med. Ento. 17,453 (1980).
- Morris, C.D. and R.H. Zimmerman. Epizootiology of eastern equine encephalomyelitis in upstate New York III. Population dynamics and vector potential of adult *Culiseta morsitans*. J. Med. Ent. 18,313 (1981).
- Morris, C.D., V.L. Larson, and L.P. Lounibos. Measuring mosquito dispersal for control programs. J. Amer. Mosq. Contr. Assoc. 7,608-615 (1991).
- Morrison, A. and T.G. Andreadis. Larval population dynamics in a community of nearctic *Aedes* inhabiting a temporary vernal pool. J. Amer. Mosq. Contr. Assoc. 8,52-57 (1992).
- Mount, G.A., T.L. Biery and D.G. Haile. A review of ultralow-volume aerial sprays of insecticide for mosquito control. J. Amer. Mosq. Contr. Assoc. 12,601-618 (1996).
- Mulla, M.S., H.A. Darwazeh and L.L. Luna. Monolayer films as mosquito control agents and their effects on nontarget organisms. Mosq. News 43,489 (1983).
- Mulla, M.S. and S.C. Tsai. Fish fry kill by hydra and planaria. Mosq. News 38,43 (1978).
- Murphy, S.D. Mechanism of pesticide interaction in vertebrates. in Residue Reviews, F.A. Gunther, (Ed.), Vol. 25, pp. 201-221 Springer-Verlag, NY, (1969).
- Murty, A.S. "Toxicity of Pesticides to Fish," Vol. II, CRC Press, Inc., Boca Raton, FL (1986).
- Narahashi, T. Neuronal target sites of insecticides, in Sites of Action for Neurotoxic Pesticides, Hollingworth, R.M. and M.B. Green, (Eds), ACS No. 356, Washington, DC, pp. 226-250 (1987).
- Nasci, R.S. Vector biology of *Culiseta melanura* (Coquillett) in Eastern Massachusetts Ph.D. Dissertation, Univ. Mass. (1980).
- Nasci, R.S. and J.D. Edman. Blood-feeding patterns of *Culiseta melanura* and associated sylvan mosquitoes in Southeastern Massachusetts EEE enzootic foci. J. Med. Ent. 18,443 (1981a).
- Nasci, R.S. and J.D. Edman. Vertical and temporal flight activity of the mosquito *Culiseta melanura* in southeastern Massachusetts. J. Med. Ent. 18,501 (1981b).
- Nasci, R.S. and J.D. Edman. *Culiseta melanura* population structure and nectar-feeding in a freshwater-swamp and surrounding areas in southeastern Massachusetts. J. Med. Ent. 21,567 (1984).
- Nasci, R.S., C.W. Harris and C.K. Porter. Failure of an insect electrocuting device to reduce mosquito biting. Mosq. News 43,180 (1983).
- Nawrocki, S.J. and W.A. Hawley. Estimation of the northern limits of distribution of *Aedes albopictus* in North America 3,314 (1987).
- Negherbon, W.O. Handbook of Toxicology, V. 3, W.B. Saunders Co., Philadelphia and London (1959).
- New Jersey DEP. Best management practices for mosquito control and freshwater wetlands management. Office of Mosquito Control Coordination, New Jersey Department of Environmental Protection. Trenton, NJ (1997).
- Nimmo, D.R. Pesticides, in Fundamentals of Aquatic Toxicology. Rand, G.M. and S.R. Petrocelli, (Eds.), pp. 124-163, Hemisphere Publishing Corp., New York (1985).
- O'Brien, R.D. Toxic Phosphorus Esters. Chemistry, Metabolism and Biological Effects, Academic Press, New York (1960).
- Ofiara, D.D. and J.R. Allison. On assessing the benefits of public mosquito control practices. J. Am. Mosq. Contr. Assoc. 2,280 (1986a).
- Olkowski, W., H. Olkowski, T. Drlik, N. Heidler, M. Minter, R. Zuparko, L. Laub, and L. Orthel. Pest control strategies: urban integrated pest control. in Pest Control Strategies, E.H. Smith and D. Pimentel (Eds.), pp. 215-234. Academic Press, New York (1978).

- Orduz, S. and R.C. Axtell. Compatibility of *Bacillus thuringiensis* var. *israelensis* and *Bacillus sphaericus* with the fungal pathogen *Lagenidium giganteum* (Oomycetes: Lagenidiales). J. Amer. Mosq. Contr. Assoc. 7,188-193. (1991).
- Osimitz, T.G. and R.H. Grothaus. The present safety assessment of DEET. J. Amer. Mosq. Contr. Assoc. 11,274-278 (1995).
- Parry, J.E. Control of *Aedes triseriatus* in LaCrosse, Wisconsin, in California Serogroup Viruses, C.H. Calisher and W.H. Thompson (Eds.), pp. 355-364, Alan R. Liss, N.Y. (1983).
- Penick-Bio UCLAF Corp. Scourge: mosquito adulticide. Lyndhurst, New Jersey, 17 pp. (1986).
- Pennak, R.W. Fresh-water invertebrates of the United States. Ronald Press, NY (1953).
- Peterson, J.J. Nematode parasites, in Biological Control of Mosquitoes H.C. Chapman (Ed.), pp. 110-122, Bull. No. 6, Amer. Mosq. Contr. Assoc. (1985).
- Pierce, D.W. Cost-Benefit Analysis. MacMillan Press, London (1971).
- Pierce, J.M. and T.L. Napier (Eds.). Outdoor Recreation, Research and Planning, Assessing Potential Social Impact: Regional Development of the Outdoor Recreation and Tourism Sector. Paper presented at the Ohio State University Outdoor Recreation Research Symposium, Nov. 15-16, 1977, Columbus, Ohio (1977).
- Portnoy, J.W. Oxygen Depletion, Stream Clearance and Alewife Mortality in the Herring River, Summer 1984. National Park Service Report (1984a).
- Portnoy, J.W. Herring River Mosquito Surveys, 1984. National Park Service Report (1984b).
- Prest, A. and R. Turvey. Cost-Benefit Analysis: A Survey. Econ. J. in passim (1965).
- Provost, M.W. Ecological Control of Saltmarsh Mosquitoes with Side Benefits to Birds, In Proc. Tall Timbers Conf. on Ecological Animal Control by Habitat Management, pp. 895-206, No. 1, Tallahasse, FL. (1969).
- Provost, M.W. Source reduction in salt-marsh mosquito control: past and future. Mosq. News 37,689-698 (1977).
- Purcell, B.H. Effects of *Bacillus thuringiensis* var. *israelensis* on *Aedes taeniorhynchus* and some non-target organisms in the saltmarsh. Mosq. News 41,476 (1981).
- Quistad, G.B., L.E. Staiger, B.J. Bergot and D.A. Schooley. Environmental degradation of the insect growth regulator methoprene. VII. Bovine metabolism to cholesterol and related natural products. J. Agric. Food Chem. 23,743 (1975).
- Rattner, B.A., L. Sileo and C.G. Scanes. Oviposition and the plasma concentrations of LH, progesterone and corticosterone in bobwhite quail (*Colinus virginianus*) fed parathion. J. Reprod. Fertil. 66,147 (1982a).
- Rattner, B.A., L. Sileo and C.G. Scanes. Hormonal responses and tolerance to cold of female quail following parathion ingestion. Pestic. Biochem. Physiol. 18,132 (1982b).
- Robinson, W.H. Integrated pest management in the urban environment. Amer. Entomologist. 42,76-78 (1996).
- Rupp, H.R. Forum: adverse assessments of *Gambusia affinis*: an alternate view for mosquito control practitioners. J. Amer. Mosq. Contr. Assoc. 12,155-159. (1996).
- Rupp, H.R. Mosquito control with *Gambusia affinis*. J. Amer. Mosq. Contr. Assoc. 13,296.(1997).
- Sanders, H.D., D.F. Walsh and R.S. Campbell. Abate: Effects of the Organophosphate insecticide on bluegills and invertebrates in ponds. Technical Papers of the US Fish and Wildlife Service #104 (1981).
- Sauter, E.A. and E.E. Steele. The effects of low level pesticide feeding on the fertility and hatchability of chicken eggs. Poultry Sci. 51,71 (1972).
- SCAMP. New York State Agriculture Experiment Station, Geneva, NY (1987).
- Schafer, E.W. The acute oral toxicity of 369 pesticidal pharmaceutical and other chemicals to wild birds. Toxicol. Appl. Pharmacol., 21,315 (1972).
- Scheirer, R.S. Wetlands restoration and mosquito control. Proceedings of the 40th Annual Meeting of the Northeastern Mosquito Control Association. 13. (1994).
- Schooley, D.A., B.J. Bergot, L.L. Dunham and J.B. Siddall. Environmental degradation of the insect growth regulator methoprene (isopropyl (2E,4E)11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate). II. Metabolism by aquatic microorganisms. J. Agric. Food Chem. 23,300 (1975).
- Schouest Jr., L.P., N. Umetsu and T.A. Miller. Solvent-modified deposition of insecticides on house fly (Diptera: Muscidae) cuticle. J. Econ. Ent. 76,973 (1983).

- Seawright, J.A. Genetic Control by Chromosome Aberrations, in Biological Control of Mosquitoes, H.C. Chapman (Ed.), pp. 173-184, Bull. No. 6, Amer. Mosq. Contr. Assoc. (1985).
- Service, M.W. Study of the natural predators of *Aedes cantator* (Meigan) using the precipitin test. J. Med. Ent. 10,503 (1973).
- Service, M.W. Biological Control of Mosquitoes -- has it a future? Mosq. News 43,113 (1983).
- Shisler, J.K. and D.M. Jobbins. Aspects of biological productivity in mosquito ditched saltmarshes. Proc. N.J. Mosq. Exterm. Assoc. 62,48 (1975).
- Shisler, J.K. Creation and restoration of coastal wetlands of the northeastern United States. in, Wetland Creation and Restoration J.A. Kusler and M.E. Kentula, (Eds). pp. 143-163. Island Press, Washington, DC. 1990
- Shroyer, D.A. *Aedes albopictus* and arboviruses: A concise review of the literature. J. Amer. Mosq. Contr. Assoc. 2,424-428 (1986).
- Sine, C. Farm Chemicals Handbook. Meister Pub. Co., Willoughby, OH (1987).
- Sjogren, R.D. Metropolitan Mosquito Control District Final Environmental Impact Statement: Options for Control to the year 2000. St. Paul, MN, 464 pp. (1977).
- Smith, G.J. Pesticide use and toxicology in relation to wildlife: organophosphorus and carbamate compounds. U.S.D.I., Fish and Wildlife Service, 170 pp. Washington, DC (1987).
- Soukup, M. and J. Portnoy. Impacts from Mosquito Control-Innduced Sulfur Mobilization in a Cape Cod Estuary, Report #15, Office of Scientific Studies, North Atlantic Regional Office, Water Resources Program, National Park Service (1983).
- Spielman, A. Bionomics of autogenous mosquitoes. Ann. Rev. Ent. 16,231 (1973)
- SPRP. An assessment of non-target effects of the mosquito larvicides, Bti and methoprene, in metropolitan area wetlands. Scientific Peer review Panel, St. Paul, Minnesota (1996).
- Steffan, W.A. and N.L. Evenhuis. Biology of *Toxorhynchites*. Ann. Rev. Ent. 26,159 (1981).
- Steinkraus, D.C. and J.P. Kramer. Development of resting spores of *Erynia aquatica* (Zygomycetes: Entomophthoraceae) in *Aedes aegypti* (Diptera: Culicidae). Environ. Entomol. 18(6),1147-1152 (1989).
- Storer, T.T. Bats, bat towers and mosquitoes, J. Mamm. 7,85 (1926).
- Takahashi, R.M., W.H. Wilder and T. Muira. Field evaluations of ISA-20E for mosquito control and effects on aquatic nontarget arthropods in experimental plots. Mosq. News 44,363 (1984).
- Talbot, C.W., K.W. Able, and J.K. Shisler. Fish species composition in New Jersey salt marshes: effects of marsh alterations for mosquito control. Trans. Amer. Fisheries Soc. 115,269-278 (1986).
- Todd, D.K. Groundwater Hydrology, second edition. John Wiley & Sons, NY (1980).
- Varley, C.G., G.R. Gradwell, and M.P. Hassell. Insect population ecology. University of California Press, Berkeley, California (1973).
- Verschueren, K. "Handbook of Environmental Data on Organic Chemicals," Van Nostrand Reinhold Co., New York, 1983).
- Vaidyanathan, R., J.D. Edman, L.A. Cooper and T.W. Scott. Vector competence of mosquitoes (Diptera: Culicidae) from Massachusetts for a sympatric isolate of eastern equine encephalomyelitis virus. J. Med. Entomol. 34,346-353 (1997).
- Virginia Cooperative Extension Service. The national evaluation of extension's integrated pest management (IPM) programs. Virginia Cooperative Extension Service 123pp. (1987).
- Walker, E.D. Behavioral Interaction of *Aedes triseriatus* and Scurid Hosts: with a Survey for California Serogroup Viruses in Western Massachusetts. Ph.D. Dissertation, U. of Massachusetts, 159 pp. (1984).
- Walker, E.D. Efficacy of sustained-release formulations of methoprene and *Bacillus thuringiensis israelensis* for control of *Coquillettidia perturbans* in Indiana. J. Amer. Mosq. Control Assoc. 3,97 (1987).
- Walker, W.W. and B.J. Stojanovic. Microbial versus chemical degradation of malathion in soil. J. Environ. Quality 2,229 (1973).
- Walker, W.W. Chemical and microbiological degradation of malathion and parathion in an estuarine environment. J. Environ. Qual. 5,210 (1976).
- Walsh, H.G. and A. Williams. Current Issues in Cost-Benefit Analysis. C.A.S. Occasional Paper, No. 11, HMSO, London (1969).
- Ward, J.V. Aquatic insect ecology 1. Biology and habitat. John Wiley & Sons, NY (1992).

- Whisler, H.C., S.L. Zebold and J.A. Schemanchuk. Alternate host for mosquito parasite *Coelomomyces*. Nature 251,715 (1974).
- Whisler, H.C., S.L. Zebold and J.A. Schemanchuk. Life history of *Coelomomyces psorophorae*. Proc. Natl. Acad. Sci. USA. 72,693 (1975).
- Wilkinson, C.F. Insecticide Biochemistry and Physiology. Plenum Press, NY (1976).
- Williams, D.D. and B.L. Feltmate. Aquatic Insects. CAB International, Wallingford, England. (1992).
- Wolfe, R.J. Effects of open marsh water management on selected tidal marsh resources: a review. J. Amer. Mosq. Contr. Assoc. 12,701-712 (1996).
- Woodrow, R.J. J.J. Howard and D.J. White. Field trials with methoprene, temephos and *Bacillus thuringiensis* Serovar *israelensis* for the control of larval *Culiseta melanura*. J. Amer. Mosq. Contr. Assoc. 11,424-427 (1995).
- Worthing, C.R. and S.B. Walker (Eds.). The Pesticide Manual, 7TH ed. British Crop Protection Council, Laveham Press Ltd., England (1983).
- Yousten, A.A., F.J. Gentner, and E.F. Benfield. Fate of *Bacillus sphaericus* and *Bacillus thuringiensis* serovar *israelensis* in the aquatic environment. J. Amer. Mosq. Contr. Assoc. 8,143-148. (1992).