

# SELECTED LITERATURE REFERENCES TO MOSQUITOES AND MOSQUITO-BORNE DISEASES

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The principal criterion for the selection of titles has been that each paper should be of *current* interest to mosquito control workers and researchers. By skimming the lists readers of *Mosquito News* may inform themselves of recent developments. A genuine command of the literature can be obtained through the use of comprehensive secondary sources such as *Current Contents*, *Biological Abstracts*, the *Review of Applied Entomology*, etc.

Papers published prior to 1982 are not included. A check of listings in Vol. 43 (1983) and Vol. 44, No. 1, has been made to prevent duplication. Some titles will have been missed, but duplication should be minimal. The listing of titles of papers published in *Mosquito News* has been discontinued. All readers should have access to current numbers of *Mosquito News*, and repetition of titles is considered to be inappropriate. The number of categories has been reduced, and categories are listed alphabetically.

## ANATOMY, MORPHOLOGY AND PHYSIOLOGY

Magnarelli, L.A. 1983. Nectar sugars and caloric reserves in natural populations of *Aedes canadensis* and *Aedes stimulans* (Diptera: Culicidae). *Environ. Entomol.* 12:1482-1486.

Qiao-yun, C. et al. 1982-83. Comparison of microsomal epoxidase and GSH-S-transferase in Dipterex-resistant and susceptible mosquito (*Culex pipiens pallens* Coq.) *Contr. Shanghai Inst. Entomology.* 3:35-41. (In Chinese, English summary).

Ramalingam, S. 1983. Secretion in the male accessory glands of *Aedes aegypti* (L.) (Diptera: Culicidae). *Int. J. Insect Morphol. Embryol.* 12:87-96.

Wei-de, L. and G. P. Georghiou. 1982-83. Preliminary studies on esterase induction by temephos in organophosphate-resistant *Culex quinquefasciatus* Say. *Contr. Shanghai Inst. Entomol.* 3:65-72. (In Chinese and English).

Wei-de, L. and G. P. Georghiou. 1982-83. Esterase activity in organophosphate-resistant and susceptible *Culex quinquefasciatus* Say in relation to larval food and adult age. *Contr. Shanghai Inst. Entomol.* 3:73-83. (In Chinese and English).

## ATTRACTANTS AND REPELLENTS

Am. Soc. Test Materials 1983. Standard method of field testing topical applications of compounds as repellents for medically important and pest arthropods (including insects, ticks and mites): I. mosquitoes. *Annu. Book Am. Soc. Test Mater. Stand., Phila. Dest.* E939:1-5.

U.S. Navy E.P.M.U. 6. 1983. Preventing mosquito bites. U.S. Navy EPMU-6, Pearl Harbor Pac. Health Bull. No. 168:3 pp.

## BEHAVIOR, BIOLOGY AND ECOLOGY

Fallis, S. P. and K. R. Snow. 1983. Distribution of the eggs of *Aedes punctator* (Diptera: Culicidae). *Ecol. Entomol., Oxford* 8:139-144.

Lounibos, L. P. and R. L. Escher. 1983. Seasonality and sampling of *Coquillettidia perturbans* (Diptera: Culicidae) in south Florida. *Environ. Entomol.* 12:1087-1093.

Pletsch, D. J. 1982. Reconciling vector control with environmental sanitation. *Bull. Soc. Vector Ecol.* 7:15-19.

Service, M. W. 1982. Importance of vector ecology in vector disease control in Africa. *Bull. Soc. Vector Ecol.* 7:1-13.

Sims, S. R. and L. E. Munstermann. 1983. Egg and larval diapause in two populations of *Aedes geniculatus* (Diptera: Culicidae). *J. Med. Entomol.* 20:263-271.

Suenaga, O. et al. 1982-83. Seasonal changes in the ovipositional activity of *Culex pipiens pallens* Coq. in Shanghai, China. *Contr. Shanghai Inst. Entomol.* 3:29-33. (In Chinese, English summary).

Williams, D. C., C. L. Meek and V. L. Wright. 1983. Abundance of mosquito eggs in a permanent pasture and effects of cattle movement and hoof-print density on egg distribution. *Southwest. Entomol.* 8:273-278.

## BIOLOGICAL CONTROL AND BIOLOGICAL CONTROL AGENTS

Bence, J. R. 1982. Some interactions of predaceous insects and mosquitofish (*Gambusia affinis*): A review of some recent results. *Bull. Soc. Vector Ecol.* 7:41-44.

Dhillon, M. S. and M. S. Mulla. 1982. The regulation of mosquito larvae by the green alga *Chlorella ellipsoidea* (Chlorophyta:Oocystaceae) in cemetery vases in southern California. *Bull. Soc. Vector Ecol.* 7:55-60.

Fetter-Lasko, J. L. and R. K. Washino. 1983. In situ studies on seasonality and recycling pattern in California of *Lagenidium giganteum* Couch, an aquatic fungal pathogen of mosquitoes. *Environ. Entomol.* 12:635-640.

Focks, D. A., S. R. Sackett, D. A. Dame, et al. 1983. Ability of *Toxorhynchites amboinensis* (Dobsonfly)

- (Diptera: Culicidae) to locate and oviposit in artificial containers in an urban environment. *Environ. Entomol.* 12:1073-1077.
- Garcia, R. 1982. Arthropod predators of mosquitoes. *Bull. Soc. Vector Ecol.* 7:45-47.
- Murdoch, W. W. 1982. Biological control of mosquitoes and population ecology. *Bull. Soc. Vector Ecol.* 7:37-39.
- Rampal, L., E. S. Thevasagayam, S. Kolta, et al. 1983. A small scale trial with *Bacillus thuringiensis* against culicine mosquitoes, Kelang, Malaysia. *S.E. Asian J. Trop. Med. Public Health* 14:101-105.
- Robert, V., J. Barathe, C. Sannier et al. 1983. Comparisons of larval development and killing stage of *Toxorhynchites brevipalpis* and *T. amboinensis*. *Cah. O.R.S.T.O.M., Ser. Entomol. Med. Parasitol.* 21:13-18.
- Rowland, D. F., W. E. Wunderlich, W. Babovich et al. 1982. New horizons for integrated pest management: Biological control of mosquito larvae. *New Orleans Mosq. Control Annu. Rep.*:25p.
- Sempala, S. D. K. 1983. Interactions between immature *Aedes africanus* (Theobald) and larvae of two predatory species of *Toxorhynchites* (Diptera: Culicidae) in Zika Forest, Uganda. *Bull. Entomol. Res.* 73:19-24.
- Sokolova, E.-I., L.-A. Ganushkina, V.-L. Kosovskikh, et al. 1982. The results of laboratory trials of *Bacillus thuringiensis* preparations of larvae of blood sucking mosquitoes of the family Culicidae. *Med. Parazit. Parazit. Bolezn., Moscow* 51:44-48.
- Undeen, A. H. 1983. The germination of *Vavraia culicis* spores. *J. Protozool.* 30:274-277.
- Vongtangswad, S., C. Tirabutana, and B. Thongkum. 1983. The biological control of *Aedes aegypti* on Sa-Med Island, Rayong Province by means of *Toxorhynchites splendens*, a predatory mosquito larva. *J. Med. Assoc. Thailand* 66(Suppl.):8-12.
- Wongsiri, S. 1982. Preliminary survey of the natural enemies of mosquitoes in Thailand. *J. Sci. Soc. Thailand* 8:205-213.

#### BOOKS, BOOKLETS AND REPORTS

- Ellis, R. A. 1983. Mosquito surveillance and control in Winnipeg during 1983. *Insect Control Br., Parks Recreat. Dept., Winnipeg* 7 Nov:69 pp.
- Laird, M. et al. 1982. Biting flies in Canada: Health effects and economic consequences. *Nat. Res. Counc. Can., Ottawa NRCC Publ. No. 19248:157 pp.*
- Manitoba Minist. Health. 1982. Western equine encephalitis in Manitoba. *Manitoba Health Serv. Comm., Cadham Prov. Lab., Winnipeg:296 pp.*
- Proceedings and Papers of the Thirty-sixth Annual Meeting of the Utah Mosquito Abatement Association, 1983. *Utah Mosquito Abatement Association, Salt Lake City. (Published 1984)* 36 pp.
- Sollers-Riedel, H. 1984. Leading events concerning mosquitoes and disease in 1980. *Suppl. to Proc. 68th Ann. Mtg. (1981) N. J. Mosquito Control Assoc.* 41 pp.
- U. S. Navy Medical Department Guide to Malaria Prevention and Control. 1984. *Published by the Navy Environmental Health Center, Norfolk, vi + 90 pp.*

#### CHEMICAL CONTROL

- Dremova, V.-P., S.-N. Smirnova, V.-V. Markina, et al. 1982. Preparation and study of composite insecticide repellent aerosols. *J. Hyg. Epidemiol. Microbiol. Immunol. Prague* 26(2):117-124.
- Nelson, F. R. S., A. Rejali and A. K. Mohamed. 1983. Performance of an insect growth regulator on two species of mosquitoes. *J. Ga. Entomol. Soc.* 18:359-363.
- Villani, F. et al. 1983. Inheritance and activity of some esterases associated with organophosphate resistance in mosquitoes of the complex of *Culex pipiens* Linn. (Diptera: Culicidae). *Bull. Entomol. Res.* 73:153-170.
- Zheng-hua, T. et al. 1982-83. Effect of rotational and mixed uses of malathion and Difterex on resistance development of *Culex pipiens pallens* Coq. *Contr. Shanghai Inst. Entomol.* 3:55-64.

#### FILARIASIS

- He, S. Y. et al. 1982. Study of the relationship among incidence of microfilaraemia, microfilaria density and rate of infected mosquitoes in a *Wuchereria bancrofti* endemic area. *Chin. J. Epidemiol.* 3(5):297. (In Chinese).

#### GENETICS AND GENETIC CONTROL

- Jia-fu, P. et al. 1982-83. Hybridization between *Anopheles kweiyangensis* Yao et Wu and *Anopheles lesteri anthropophagus* Xu et Feng. *Contr. Shanghai Inst. Entomol.* 3:105-110. (In Chinese, English summary).
- Jian-wu, et al. 1982-83. Hybridization between *Anopheles sinensis* Wied. and *Anopheles kweiyangensis* Yai et Wu. *Contr. Shanghai Inst. Entomol.* 3:111-115. (In Chinese, English summary).
- Jian-wu, M. et al. 1982-83. Field trials of translocation heterozygote males for genetic control of *Culex pipiens pallens* Coq. *Contr. Shanghai Inst. Entomol.* 3:117-122. (In Chinese, English summary).
- Yun-gen, L. et al. 1982-83. Formal genetics of malathion resistance in the mosquito *Culex pipiens pallens* Coq. *Contr. Shanghai Inst. Entomol.* 3:85-92. (In Chinese, English summary).
- Zhao-yuan, Z. et al. 1982-83. Studies on the resistance spectra and formal genetics of malathion resistant *Anopheles sinensis* Wied. *Contr. Shanghai Inst. Entomol.* 3:93:93-98. (In Chinese, English summary).
- Zhao-yuan, Z. et al. 1982-83. Studies on the genetics of Difterex-resistance in *Culex pipiens pallens* Coq. *Contr. Shanghai Inst. Entomol.* 3:99-104. (In Chinese, English summary).

#### MALARIA

- Collins, W. E., W. McWilson, J. C. Skinner, et al. 1983. Observations on the infectivity of two strains of *Plasmodium vivax* from Vietnamese refugees to *Aotus* monkeys and anopheline mosquitoes. *J. Parasitol.* 69:684-695.
- Hengli, W., J. Xigang, Z. Shaowu et al. 1983. Observation on the development of *Plasmodium vivax*

from Kaifeng in *Anopheles sinensis*. Acta. Zool. Sin., Peking 29(2):141-148.

Shi, D. Y. et al. 1982. Experimental infection of *Anopheles sinensis* of Zhengzhou and Xinyang districts with *Plasmodium vivax*. Chin. J. Prev. Med. 16(2):85. (In Chinese with English summary).

Vercruyse, J., M. Jancloes and L. Van de Velden. 1983. Epidemiology of seasonal falciparum malaria in an urban area of Senegal. W.H.O. Bull. 61:821-831.

#### MISCELLANEOUS

'PAHO Epidem. Bull. 1983. The Cuban *Aedes aegypti* campaign: A year later. PAHO Epidemiol. Bull. 4(2):8-10.

Zimmerman, D. 1983. The mosquitoes are coming—and they are among man's most lethal foes. Smithsonian 14(3):28-37.

#### TAXONOMY AND DISTRIBUTION

Bryan, J. H. and R. C. Russell. 1983. Australasian malaria vectors. Trans. R. Soc. Trop. Med. Hyg. 77:278-279.

Coetzec, M. 1983. Chromosomal and cross-mating evidence for two species within *Anopheles (A.) coustani* (Diptera: Culicidae). Syst. Entomol. 8:137-141.

Lang, J. T. and A. C. Ramos. 1983. Distribution and relative abundance of mosquitoes (Diptera: Culicidae) on U.S. Air Force installations in the

Pacific and notes on mosquito-borne disease potential. J. Med. Entomol. 20:455-457.

Lee, V. H., S. Atmosoedjono, D. T. Dennis, et al. 1983. The anopheline (Diptera: Culicidae) vectors of malaria and bancroftian filariasis in Flores Island, Indonesia. J. Med. Entomol. 20:577-578.

Sigh, R. 1983. Analysis of mosquito collections in the Dengue Fever infected localities of Gurgaon Urban, Haryana State. Entomol. 8:187-188.

#### VIRUS DISEASES

Huang, Z. X., Z. Zhao, H. Huang et al. 1982. Epidemiological investigation on dengue fever in the north of Zhanxian County of Hainan Island. Chin. Med. J. 62:605-609.

Khin, M. M. and K. A. Than. 1983. Transovarial transmission of Dengue 2 virus by *Aedes aegypti* in nature. Am. J. Trop. Med. Hyg. 32:590-594.

Tidwell, M. A., D. M. Forsythe, M. A. Tidwell et al. 1984. Eastern equine encephalomyelitis virus activity in South Carolina. J. Agric. Entomol., Clemson, S.C. 1:43-52.

#### WATER MANAGEMENT

Balling, S. S. and V. H. Resh, 1983. The influence of mosquito control recirculation ditches on plant biomass, production and composition in two San Francisco bay salt marshes. Estuarine Coastal Shelf Sci. 16:151-161.