

REFERENCES TO LITERATURE OF INTEREST TO MOSQUITO WORKERS AND MALARIOLOGISTS

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ADULTICIDES AND LARVICIDES

- ASHRAFI, S. H., KHAN, M. A. Q. and MURTUZA, S. M. 1963. Toxicity of Makrolin against cockroaches, house flies and mosquito larvae as compared with other chlorinated insecticides. *Pakistan J. Sci. and Indus. Res.* 6(3):192-197.
- BANDIN, A. I. 1963. Importance of treatment of livestock with contact insecticides in the control of malaria mosquitoes and other bloodsucking arthropods. *In Problems of medical parasitology.* (Edited by V. N. Beklemishev and M. G. Rashina). pp. 159-186, Moscow. In Rus.
- . 1963. Treatment of livestock with DDT and its influence on the determination of age in populations of *Anopheles* in the Lenkoran Plain, Masally district Az USSR. *In Problems of medical parasitology.* (Edited by V. N. Beklemishev and M. G. Rashina). pp. 187-194, Moscow. In Rus.
- DUNCAN, J. 1963. Post-treatment effects of sublethal doses of dieldrin on the mosquito *Aedes aegypti* L. *Ann. Appl. Biol.* 52(1):1-6.
- FUJITO, S. and COWORKERS. 1963. Field test of fly and mosquito control using Sumithion, o, o-dimethyl-o-(3-methyl-4-nitrophenyl) phosphorothiate. *Japan. J. Sanit. Zool.* 14(1):53-57. In *Japan. Engl. Sum.*
- GEORGHIOU, G. P. 1963. The influence of variable volumes of acetone solvent on the toxicity of insecticides to mosquito larvae. *WHO/Vector Cont.* 53, 6 pp.
- JAKOB, W. L. and SCHOOF, H. F. 1963. Laboratory studies of new insecticides against mosquito larvae and adults. *Mosquito News* 23(4):304-309.
- LEWALLEN, L. L. and WILDER, W. H. 1963. Laboratory tests of insecticides on mosquito larvae in polluted and tap water. *J. Econ. Ent.* 56(6):834-835.
- MULLA, M. S. 1963. Some physico-chemical factors influencing the performance of new granular mosquito larvicides. *Calif. Mosquito Cont. Assoc. Proc.* 31:94-98.
- PAL, R. and COWORKERS. 1962. Comparative efficacy of different formulations of B. H. C. and organophosphorus compounds as such and in combination with chlorinated hydrocarbons against *C. fatigans*. *Internat. Cong. Ent. Proc.* 11(2):503-506.
- PAULINI, E., GUEDES, A. S. and XAVIER, S. H. 1962. Ensaio de laboratório com *Culex fatigans* sobre a persistência de "Baytex" em várias superfícies de materiais. *Rev. Brasil. de Malariol.* 14(4):403-414, *Engl. Sum.*
- SMITH, A. 1963. Assessment of the effect of the insecticide Baytex 37344 on the behavior of *A. gambiae*. *Mosquito News* 23(4):319-321.
- and HOCKING, K. S. 1963. Assessment of the residual toxicity of the insecticide Bayer 37344 toxicity to *Anopheles gambiae*. *Mosquito News* 23(4):322-323.
- SUZUKI, T., TAKEDA, U. and KURIHARA, T. 1962. The assessment of residual effect of insecticides to mosquito using a trap-hut. *Japan. J. Sanit. Zool.* 13(3):210-213. In *Japan. Engl. Sum.*
- , UMINO, T. and MIZUTANI, K. 1963. On the release of toxicants from Baytex granules into water and its effect on mosquito larvae. *Japan. J. Sanit. Zool.* 14(1):37-42. In *Japan. Engl. Sum.*
- WADA, A., MIZUTANI, K., MATSUNAGA, H. and SUZUKI, T. 1963. Effect of Baytex granules on larval *Culex pipiens* in ditches and artificial containers. *Japan. J. Sanit. Zool.* 14(1):43-47. In *Japan. Engl. Sum.*

VARIOUS TYPES OF CONTROL

- ALDIGHERI, R. 1962. Le contrôle des Aédinés dans les régions littorales. *Soc. de Path. Exot. Bul.* 55(6):1122-1144.
- BRODNIOWICZ, A. 1963. The organization of vector control in Poland. *WHO Bul.* 29(Suppl.):161-166. [Includes mosquitoes.]
- COMPIANO, F. A. 1963. How we can improve our source reduction programs. *Calif. Mosquito Cont. Assoc. Proc.* 31:70-71.
- PATTIMORE, E. 1963. Subsurface drainage systems for mosquito source reduction. *Calif. Mosquito Cont. Assoc. Proc.* 31:67-68.
- PETERS, R. F. 1963. Vector control in developed countries with special reference to the establishment of semi-independent services in the State of California. *WHO Bul.* 29(Suppl.):153-159. [Mosquitoes included.]
- (Moderator). 1963. Panel: New concepts applicable to mosquito control. *Calif. Mosquito Cont. Assoc. Proc.* 31:21.
- PRATT, H. D., BARNES, R. C. and LITTLE, K. S. 1963. Mosquitoes of public health importance and their control. *U. S. Pub. Health Serv. Pub.* 772, Pt. VI. 64 pp.
- QUARTERMAN, K. D. 1963. Research in vector control. *WHO Bul.* 29(Suppl.):63-68. [Includes mosquitoes.]
- VASHKOV, V. I. 1963. Current means of controlling arthropods of medical significance. *Zhur. Mikrobiol., Epidemiol. Immunol.* 40(12):3-8. In Rus. [Includes mosquitoes.]

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WHITTEN, G. R. 1963. Duck management for mosquito suppression. Calif. Mosquito Cont. Assoc. Proc. 31:66.

CHEMOSTERILANTS

BERTRAM, D. S. and GIGLIOLI, M. E. C. 1963. Some results with a chemosterilant against *Anopheles gambiae melas* in the Gambia. Roy. Soc. Trop. Med. and Hyg. Trans. 57(4):234.

SMITH, C. N. 1963. Prospects for vector control through sterilization procedures. WHO Bul. 29(Suppl.):99-106. [*Anopheles quadrimaculatus*.]

———, LABRECQUE, G. C. and BORKOVEC, A. B. 1964. Insect chemosterilants. Ann. Rev. Ent. (Palo Alto) 9:269-284.

WEIDHAAS, D. E. 1963. Highlights of Research on chemosterilization of mosquitoes. Calif. Mosquito Cont. Assoc. Proc. 31:21-23.

——— and McDUFFIE, W. C. 1963. Highlights of recent research on chemosterilants for the control of insects of medical and veterinary importance. Ent. Soc. Amer. Bul. 9(4):268-272. [Includes mosquitoes.]

IRRADIATION

INTERNATIONAL ATOMIC ENERGY AGENCY, VIENNA. 1963. Radioisotopes and ionizing radiations in entomology. Internat. Atomic Energy Agency (Vienna) Bibliog. Ser. 9, 414 pp.

Aedes Aegypti ERADICATION

GILLETTE, H. P. S. 1963. Health education of the public: its role in the eradication of vector-borne disease. WHO Bul. 29(Suppl.):183-187. [*Aedes aegypti*.]

WORLD HEALTH ORGANIZATION. 1964. *Aedes aegypti* eradication in the Americas. WHO Chron. 18(1):3-8.

PARASITES, PREDATORS, VIRUSES AND RELATED AGENTS

GILLIES, M. T. 1962. Interspecific competition in mosquitoes—has it any bearing on biological control? Internat. Cong. Ent. Proc. 11(2):502-503.

HATI, A. K. and GHOSH, S. M. 1963. On the gregarine (*Lankesteria culicis* Ross) infection in *Aedes aegypti* mosquito in Calcutta. Calcutta Schl. Trop. Med. Bul. 11(1):7-8.

HILDEMANN, W. H. and WALFORD, R. L. 1963. Annual fishes—promising species as biological control agents. J. Trop. Med. and Hyg. (London) 66(7):163-166.

JEU, M. H. 1962. The ectoparasitic mites of *Anopheles hyrcanus* var. *sinensis* Wied. and *Musca domestica vicina* Macq. and their influence on the reproduction of the hosts. Acta Ent. Sinica 11(2):135-137. In Jap., Engl. Sum.

KELLEN, W. R. 1963. Research on biological control of mosquitoes. Calif. Mosquito Cont. Assoc. Proc. 31:23-25.

———, CLARK, T. B. and LINDEGREN, J. E. 1963. A new host record for *Coelomomyces psorophorae* Couch in California. (Blastocladales: Coelomomycetaceae). J. Insect. Path. 5(2):167-173.

——— and ———. 1963. A possible polyhedrosis in *Culex tarsalis* Coquillett (Diptera: Culicidae). J. Insect Path. 5(1):98-103.

KÜHLHORN, F. 1962. Untersuchungen über die Bedeutung der Vermilbung bei *Anopheles*. Internat. Cong. Ent. Proc. 11(2):870-874. [*Arrenurus globator* on *A. bifurcatus* and *Arrenurus buccinator* on *A. messeae*.]

LUM, P. T. M. 1963. The infection of *Aedes toerniorynchus* (Wiedemann) and *Psorophora howardii* Coquillett by the fungus *Coelomomyces*. J. Insect. Pathol. 5(2):157-166.

WEISER, J. 1963. Advances in biological control in relation to vectors of human diseases. WHO Bul. 29(Suppl.):107-113. [Mosquitoes included.]

——— and VANKOVA, J. 1962. On the specificity of *B. thuringiensis* toxin. Internat. Cong. Ent. Trans. 11(2):840-841. [For *Culex pipiens*.]

WITREICH, G. A. and CHAO, J. 1963. Microorganisms from the midgut of larval and adult *Aedes aegypti* (Linnaeus). J. Insect. Path. 5(1):56-60.

EQUIPMENT

AKESSON, N. B. and EL AWADY, M. N. 1963. Summary of air carrier experiments with high-efficiency fans. Calif. Mosquito Cont. Assoc. Proc. 31:72-74.

BROWN, M. V. 1963. Experience with district-owned source reduction equipment. Calif. Mosquito Cont. Assoc. Proc. 31:67.

CAMP, A. H. 1963. Lake County Mosquito Abatement District. Mosquito News 23(4):351.

KERSEN, M. C. 1963. The distribution of the spray liquid at spraying by airplane. Inst. v. Plantenziek. Onderzoek Med. (Wageningen) 30:67-80. In Dut., Engl. Sum.

OSTERGAARD, R. B. 1963. Adapting the Thiokol Spryte tracked vehicle for larviciding. Mosquito News 23(4):352-353.

ATTRACTANTS AND REPELLENTS

BROWN, A. W. A. 1962. Attractant vapours for *Aedes* mosquitoes. Internat. Cong. Ent. Proc. 11(3):70-74.

HOCKING, B. 1963. The use of attractants and repellents in vector control. WHO Bul. 29(Suppl.):121-126. [Mosquitoes included.]

LAL, H. GINOCCHIO, S. and HAWRYLEWICZ, E. J. 1963. Procedure for bioassaying mosquito repellents in laboratory animals. Soc. Expt. Biol. and Med. Proc. 113(3):770-772.

NOVAK, D. 1962. Vorläufige mitteilung über ein neues insektizid und repellent. Internat. Cong. Ent. Proc. 11(2):418-419. [Methylcaprolactam and caprolactam against *Culex* and *Aedes*.]

ROESSLER, P. 1962. The attraction of female mosquitoes (*Aedes aegypti* L.) to olfactori stimuli. Internat. Cong. Ent. Proc. 11(3):74-79.

SMITH, C. N. 1962. Factors affecting the protection obtained with insect repellents. Internat. Cong. Ent. Proc. 11(2):482-485.

RESISTANCE AND SUSCEPTIBILITY

AGOSIN, M. 1963. Present status of biochemical research on the insecticide resistance problem. WHO Bul. 29(Suppl.):69-76.

BHOMBORE, S. R., ROY, R. G. and SAMSON, F. 1963. A focus of *A. culicifacies* resistance towards DDT in an endemic area in Changan Taluk of North Arcot District, Madras State. Nat. Soc. India. for Malaria and other Mosquito-Borne Dis. Bul. 11(1/2):31-33.

——— and ———. 1963. Susceptibility status of *A. stephensi* towards DDT and dieldrin in some towns of Madras State. Nat. Soc. India for Malaria and other Mosquito-Borne Dis. Bul. 11(1/2):35-38.

BROWN, A. W. A. 1963. Meeting the resistance problem. Vector control prospects in the light of present knowledge of insecticide resistance. WHO Bul. 29(Suppl.):41-50. [Includes mosquitoes.]

———, LEWALLEN, L. L. and GILLIES, P. A. 1963. Organophosphorus resistance in *Aedes nigromaculis* in California. Mosquito News 23(4):341-345.

BUSVINE, J. R. 1963. The present status of insecticide resistance. WHO Bul. 29(Suppl.):31-40.

GEORGHIOU, G. P. 1963. Effects of carbamate insecticide selection pressure on *Anopheles albimanus* Wied. Calif. Mosquito Cont. Assoc. Proc. 31:80-83.

HACK, W. H. 1962. Resistencia de *Anopheles* a insecticidas residuales. Notas Biol. Fac. Ci. ex Fis. Nat., Corrientes, No. 2(Zool.):1-25.

HAMON, J. and SALES, S. 1963. Sensibilité au malathion et au fenthion (Baytex) d' "*A. gambiae*," "*A. funestus*," "*A. rufipes*," "*Ae. aegypti*," "*C. p. fatigans*," "*M. uniformis*" et "*M. africana*." Etude de la stabilité des papiers imprégnés de solutions huileuses de ces insecticides. Med. Trop. (Marseille) 23(5):621-635. Engl. Sum.

KEIDING, J. 1963. Possible reversal of resistance. WHO Bul. 29(Suppl.):51-62.

MCCRAY, E. M., JR. and SCHOOF, H. F. 1963. The use of a modified Hoskins-Caldwell spray chamber for mosquito insecticide resistance studies. Mosquito News 25(4):286-291.

MILANI, R. 1963. Genetical aspects of insecticide resistance. WHO Bul. 29(Suppl.):77-87.

MUIR, D. A. 1963. Observations on the de-

velopment and trend of insecticide resistance in two important malaria vectors in Indonesia. WHO/Mal/415. WHO/Vector Cont./54. 10 pp. [*Anopheles aconitus* and *A. sundanicus*.]

NARASIMHAN, D. 1963. Field survey of insecticide-susceptibility of disease vectors. Part C—*Anopheles culicifacies* in Deolali and Jabalpur. Armed Forces Med. J. (India) 14(1):24-38.

PLAPP, F. W., JR., BIGLEY, W. S., DARRROW, D. I. and EDDY, G. W. 1962. Studies on resistance to organophosphorus insecticides in the house fly, *Musca domestica* L. and the mosquito, *Culex tarsalis* Coq. Internat. Cong. Ent. Proc. 11(3):229-232.

SOUWEINE, G. and ADAM, J. P. 1962. Étude de la sensibilité aux insecticides des Culicidae de Brazzaville avec quelques notes de faunistique et de biologie. Inst. Rech. Sci. Congo Bul. 1:31-44.

YU, Y., HSU, S. J., and LU, S. C. 1963. Studies on insecticide resistance in mosquitoes. Acta Ent. Sinica 12(2):163-166. In Chin., Engl. Sum. [*Culex pipiens pullens*.]

WORLD HEALTH ORGANIZATION. 1964. Biochemistry of insecticide resistance. WHO Chron. 18(1):16-17.

See also Georghiou in Adulticides and Larvicides Section.

INSECTICIDES AND CHEMICALS

HAMON, J., SALES, S. and EYRAUD, M. 1963. Biological assay of DDT deposits in habitations in the region of Bobo-Dioulasso, Republic of Upper Volta. WHO/Vector Cont./47, WHO/Mal/405, 43 pp.

JOHNSON, A. 1963. Public health problems of modern pesticide chemicals. Safety factors depend on adequate precautions. Health (Cambera) 13(1):6-13.

MCCLELLAN, D. B. 1963. Analytical methods for determination of pyrethrins. Assoc. Off. Agr. Chem. J. 46(4):664-667.

MITCHELL, W., BYRNE, J. H. N. and TRESADERN, F. H. 1963. Pyrethrum analysis: an infrared method. Analyst 88(1048):539-543.

TOXICOLOGY

ASHRAFI, S. H., TASNIF, M. and KHAN, M. I. 1963. Phytotoxicity and mammalian toxicity of Makrolin in comparison with other chlorinated insecticides. Pakistan J. Sci. and Indus. Res. 6(3):198-200.

HUNT, E. G. 1963. Side effects of pest control programs on wildlife. Calif. Mosquito Cont. Assoc. Proc. 31:26-27.

MAZZARRI, H. 1963. Serie sobre plaguicidas. La vigilancia sobre el uso de los insecticidas en los ambientes domésticos y en la venta pública de productos alimenticios. Bol. Informativo (Venezuela) 3(2):49-50.

MULLA, M. S. 1963. Toxicity of organo-

chlorine insecticides to the mosquito fish *Gambusia affinis* and the bullfrog *Rana catesbeiana*. Mosquito News 23(4):299-303.

PACORA, W. C. 1963. Intoxicación por "aldrin." Rev. Viernes Médico (Peru) 14(3):277-280.

WORLD HEALTH ORGANIZATION. 1963. Bibliography on pesticides toxicity and accidental poisoning. WHO/Vector Cont./50, 3 pp.

WORLD HEALTH ORGANIZATION. 1963. Information circular on the toxicity of pesticides to man. No. 11. Corrigendum.

BEHAVIOR, BIOLOGY AND ECOLOGY

ALMAZOVA, V. V. 1963. Certain ecological peculiarities of *Anopheles maculipennis* in the river towns of the Ob in the Altai region. In Problems of medical parasitology. (Edited by V. N. Beklemishev and M. G. Rashina). pp. 143-158. Moscow. In Rus.

BIRCH, L. C. 1963. Population ecology and the control of pests. WHO Bul. 29(Suppl.):141-146. [Mosquitoes included.]

BOIKE, A. H., JR. 1963. Observations on *Culex nigripalpus* Theobald in a typical hammock area of north central Florida. Mosquito News 23(4):345-348.

CORBET, P. S. 1963. The oviposition-cycles of certain sylvan culicine mosquitoes (Diptera, Culicidae) in Uganda. Ann. Trop. Med. and Parasitol. 57(3):371-381.

DODGE, H. R. 1964. Larval chaetotaxy and notes on the biology of *Toxorhynchites rutilis septentrionalis* (Diptera: Culicidae). Ent. Soc. Amer. Ann. 57(1):46-53.

GALUN, R., AVI-DOR, Y. and BAR-ZEEV, M. 1963. Feeding response in *Aedes aegypti*: stimulation by adenosine triphosphate. Science 142(3600):1674-1675.

GILLIES, M. T. 1962. An effect of host density on flight movements of *Anopheles gambiae*. Internat. Cong. Ent. Proc. 11(3):66-70.

GRAHAM, J. E. and BRADLEY, I. E. 1963. Preliminary studies of the effects of organic pollution on mosquito larval populations in Salt Lake County, Utah. Calif. Mosquito Cont. Assoc. Proc. 31:71-72.

HAMON, J. 1963. L'importance des changements de comportement chez les insectes. WHO Bul. 29(Suppl.):115-120.

———. 1963. Les moustiques anthropophiles de la région de Bobo-Dioulasso (République de Haute-Volta). Cycles d'agressivité et variations saisonnières. Soc. Ent. France Ann. 132(1):85-144.

HAUPE, W. O. 1963. Ethological and statistical aspects of a quantal response in mosquitoes to environmental stimuli. Behaviour 20(3/4):221-241.

HECHI, O., CHAPA-SALDAÑA, H. and HERNANDEZ-CORZO, J. 1962. The influence of illumination upon the direction of the escape flights of anophelines irritated by DDT. Internat. Cong. Ent. Proc. 11(3):79-80.

INSTITUT PASTEUR DU VIËT-NAM, 1962. Aperçu sur le comportement trophique des *Anopheles* dans les hautes régions au Sud-Viêt-nam. In Rapport Annuel sur le Fonctionnement (Viêt-Nam) pp. 23-26.

IVANOVA, L. V. 1962. On the natural laws of *A. maculipennis* distribution in villages depending on ground relief. Internat. Cong. Ent. Proc. 11(3):26-29.

IWAMA, K. 1963. Mosquito fauna and ecological observation at the village Suifu Mura (Kuji County, Ibaraki ken, Japan). 101 pp. In Jap. [Privately printed.]

KURIHARA, T. 1963. Laboratory experiments on the effects of some environmental conditions on the growth of larvae of the mosquito, *Culex pipiens* s.l. Jap. J. Sanit. Zool. 14(1):7-15. In Jap., Engl. Sum.

LAARMAN, J. J. 1962. The plasticity of response patterns in host-seeking mosquitoes. Internat. Cong. Ent. Proc. 11(3):60-61.

LAIRD, M. 1963. Vector ecology and integrated control procedures. WHO Bul. 29(Suppl.):147-151. [Includes mosquitoes.]

LIU, I. J. 1963. On the nocturnal activities of five species of mosquitoes. Acta Zool. Sinica 15(2):195-202. In Chin., Engl. Sum. [*Armigeres obturbans*, *Culex tritaeniorhynchus*, *C. vishnui*, *C. whitmorei*, *C. p. quinquefasciatus*.]

LUH, P. L., KAO, C. T., CHANG, P. C. and LIU, C. Y. 1963. Studies on the behavior of *Anopheles sinensis* Wiedemann, 1828, *A. jeyporiensis candidiensis* Koidzumi, 1924 and *A. miminus* Theobald, 1901 in DDT and BHC treated huts. Acta Ent. Sinica 12(2):149-162. In Chin., Engl. Sum.

MACDONALD, W. W. 1962. The association of the mosquito *Malaya jacobsoni* with *Crematogaster* ants. Internat. Cong. Ent. Proc. 11(2):417-418.

MATTINGLY, P. F. 1962. The experimental study of exophily in mosquitoes. Internat. Cong. Ent. Proc. 11(2):383-386.

———. 1963. The urban mosquito hazard today. WHO Bul. 29(Suppl.):135-139.

MOUCHET, J. and GARIOU, J. 1962. Répartition géographique et écologique des *Anopheles* au Cameroun. Internat. Cong. Ent. Proc. 11(2):396-397.

NICOLI, R. M., RIOUX, J. A. and QUILLIC, M. 1963. Les biocénoses dulcaquicoles de la Corse cristalline. Introduction à la connaissance des gîtes culicidiens dans la Pieve de Salice (Cruzini), 100-1.500 m. Terre Vie 110(2):140-163.

NIERING, W. A. 1963. Terrestrial ecology of Kapingamarangi Atoll, Caroline Island. Ecol. Monogr. 33(2):131-160. [Includes mosquitoes.]

PODÉNAITE, V. 1962. Breeding places of mosquitoes (Culicinae) in the Lithuanian SSR. Acta Parasit. Lithuanica 4:103-110. In Rus., Engl. Sum.

POPESCU, V. 1963. Etude hydrologique du bras Sulina. Hidrobiologia (Bucharest) 4:215-255. [Includes mosquitoes.]

PRICE, R. D. 1963. Frequency of occurrence of spring *Aedes* (Diptera-Culicidae) in selected habitats in northern Minnesota. *Mosquito News* 23(4):324-329.

REEVES, W. C., TEMPELIS, C. H., BELLAMY, R. E. and LOFY, M. F. 1963. Observations on the feeding habits of *Culex tarsalis* in Kern County, California, using precipitating antisera produced in birds. *Amer. J. Trop. Med. and Hyg.* 12(6):929-935.

RICKENBACH, A. 1962. Essai d'étude biologique de la rémanence du DDT dans la zone pilote de lutte antipaludique de Bobo Dioulasso (Haute-Volta). *Internat. Cong. Ent. Proc.* 11(2):400-405.

SERVICE, M. W. 1963. The ecology of the mosquitoes of the northern Guinea savannah of Nigeria. *Bul. Ent. Res.* 54(3):601-632.

SHEMANCHUK, J. A., DOWNE, A. E. R. and BURGESS, L. 1963. Hosts of mosquitoes (Diptera:Culicidae) from the irrigated areas of Alberta. *Mosquito News* 23(4):336-341.

SHENG, P. L. and COWORKERS. 1963. A study of the bionomics of *Anopheles leucosphyrus* Dönitz in Hainan Island. *Acta Ent. Sinica* 12(1):29-36. In Chin., Engl. Sum.

THOMPSON, E. G., HAYES, D. E. and LUDLAM, K. W. 1963. Notes on the feeding habits of *Aedes sollicitans* in the Chincoteague-Assateague Island area of Virginia. *Mosquito News* 23(4):297-298.

WILLIAMS, M. C. 1963. Studies on mosquitoes (Diptera, Culicidae) biting birds using twenty-four hour catches in the Entebbe area, Uganda. *Bul. Ent. Res.* 54(3):407-424.

GENETICS

CRAIG, G. B., JR. 1963. Prospects for vector control through genetic manipulation of populations. *WHO Bul.* 29(Suppl.):89-97. [Includes *Anopheles*, *Culex* and *Aedes*.]

WARD, R. A. 1963. Genetic aspects of the susceptibility of mosquitoes to malarial infection. *Expt. Parasitol.* 13(3):328-341.

ANATOMY, MORPHOLOGY AND PHYSIOLOGY

AKOV, S. and GUGGENHEIM, K. 1963. Antimetabolites in the nutrition of *Aedes aegypti* L. larvae: nicotinic acid analogues. *Biochem. J.* 88(1):182-187.

— and —. 1963. Antimetabolites in the nutrition of *Aedes aegypti* L. larvae, pyridoxine antagonists. *Comp. Biochem. Physiol.* 9(1):61-68.

BAR-ZEEV, M. 1962. The effect of acceptable and unacceptable compounds on the orientation of houseflies and mosquitoes. *Internat. Cong. Ent. Proc.* 11(2):444-447.

DENIS, J. R. 1963. Compléments et corrections au vol. VIII du traité de P. P. Grassé (mor-

phologie des arthropodes) 2^{me} partie. Tête de la larve d'Anophèle. *Trav. Lab. Zool. St. Aquic. Grimaldi Fac. Sci. Dijon* 48:39-52.

DOWNE, A. E. R., GORING, N. W. and WEST, A. S. 1963. The influence of size and source of blood meals on rate of digestion of vertebrate serum proteins in mosquitoes (Diptera: Culicidae). *Kans. Ent. Soc. J.* 36(4):200-206.

DUFFY, J. P. 1964. Sex differences in the free amino acids of three colonized mosquito species. *Ent. Soc. Amer. Ann.* 57(1):24-28. [*Culex pipiens*, *C. molestus*, *Aedes aegypti*.]

MARTIGNONI, M. E. 1964. Pathophysiology in the insect. *Ann. Rev. Ent. (Palo Alto)* 9:179-206. [Includes mosquitoes.]

NÚÑEZ, J. A. 1963. Über den feinkbau des spermienchwanzes *Culex pipiens*. *Biol. Zentbl.* 82(1):1-7.

OWEN, W. B. 1963. Taste organs and their role in the feeding of mosquitoes. *Calif. Mosquito Cont. Assoc. Proc.* 31:79-80.

RUCK, P. 1964. Retinal structures and photoreception. *Ann. Rev. Ent. (Palo Alto)* 9:83-102. [Includes mosquitoes.]

SCHNEIDER, D. 1964. Insect antennae. *Ann. Rev. Ent. (Palo Alto)* 9:103-122. [Includes mosquitoes.]

VAN DEN HEUVEL, M. J. 1963. The effect of rearing temperature on the wing length, thorax length, leg length and ovariole number of the adult mosquito, *Aedes aegypti* (L.). *Roy. Ent. Soc. London Trans.* 115(7):197-216.

See also Chen in Techniques Section.

TECHNIQUES

BRIDGES, R. G. 1963. Radioisotopes—a unique tool in pest control. *Internat. Pest Cont.* 5(4):6-10.

BURGESS, R. W. 1962. Mosquitoes breeding in latex cups. A preliminary survey. *Internat. Cong. Ent. Proc.* 11(2):398-400.

CHEN, P. S. 1963. Studies on the protein metabolism of *Culex pipiens* L. IV. Separation of free amino acids and peptides in adult mosquitoes by column cinematography. *J. Insect. Physiol.* 9(4):453-462.

CORBET, P. S. 1962. The use of external characters to age-grade adult mosquitoes (Diptera: Culicidae). *Internat. Cong. Ent. Proc.* 11(2):387-390.

KAMEL, Z. A. 1963. Blood sampling kit. *WHO/Mal/414*, 2 pp.

KITAKATA, S., SHINO, A. and KOJIMA, K. 1963. A method of micro-topical application of insecticides to small insects. *Botyu-Kagaku* 28(2):29-35. In Jap., Engl. Sum.

KNIGHT, R. H. and SOUTHWON, H. A. W. 1963. A simple method for marking haematophagous insects during the act of feeding. *Bul. Ent. Res.* 54(3):379-382. [Includes mosquitoes.]

KURIHARA, T. 1963. Radioactive tagging of *Culex pipiens* with P³². *Jap. J. Sanit. Zool.* 14(1):16-19. In Jap., Engl. Sum.

MCCRAY, E. M., JR. 1963. Escape-proof colony cage (*Aedes aegypti*). Mosquito News 23(4): 309-311. Illus.

NOCERINO, F. 1963. Nuevos jaulones para pruebas con insectos en condiciones similiturales. Bol. Informativo (Venezuela) 3(2):59-65. [*Culex pipiens quinquefasciatus* included.]

SALITERNIK, Z. 1963. Catching of adult mosquitoes by the aid of a flashlight. Mosquito News 23(4):351.

_____. 1963. Elaboration of the mosquito-collecting aspirator. Mosquito News 23(4):353.

SALT, R. W. 1963. Delayed inoculative freezing of insects. Canad. Ent. 95(11):1190-1202.

VISVALINGAM, T. 1963. The laboratory organization and technical procedures for blood examination of the malaria eradication programme in Ceylon. WHO/Mal/419, 13 pp.

WARD, R. A. and KITZMILLER, J. B. 1963. A list of laboratory colonies of anopheline mosquitoes. Mosquito News 23(4):291-297.

WHEELER, R. E. and JONES, J. C. 1963. A technique for artificial insemination of *Aedes* mosquitoes. Mosquito News 23(4):313-315. Illus.

See also McCray and Schoof in Resistance and Susceptibility Section.

TAXONOMY

CHAPMAN, H. C. and GRODHAUS, G. 1963. The separation of adult females of *Aedes dorsalis* (Meigen) and *A. melanion* Dyar in California. Calif. Vector Views 10(8):53-56.

ENTOMOLOGY COMMITTEE OF THE CALIFORNIA MOSQUITO CONTROL ASSOCIATION. 1963. A field guide to common mosquitoes of California. Ed. 2. 28 pp. [Edited by E. C. Loomis, and illustrated by C. J. Stojanovich.]

Hsu, C. F. 1963. A new species of *Culex* from Hainan Island. Acta Ent. Sinica 12(2): 229-232. In Chin., Engl. Sum. [*Culex chungchengensis* n. sp.]

INSTITUT PASTEUR DU VIÊT-NAM. 1962. Clefs pour la détermination des 25 espèces les plus communes d'*Anopheles* (adultes femelles et larves) du Sud-Viêt-nam. In Rapport Annuel sur le Fonctionnement Technique (Viêt-Nam). pp. 26-34. [Pictorial keys also included.]

KUTZ, F. W. and DARSIE, R. F., JR. 1963. Notes on American mosquito pupae. III. Description of nearctic subgenus *Mansonia* and key to all nearctic species of the genus *Mansonia*. Ent. Soc. Wash. Proc. 65(4):281-286.

LAKE, R. W. 1963. Descriptions of first-instar larvae of *Aedes cantator* (Coquillett) and *Aedes sollicitans* (Walker). Ent. News 74(9): 253-257.

MARKS, E. N. and NYE, E. R. 1963. The subgenus *Ochlerotatus* in the Australian region (Diptera: Culicidae). VI.—The New Zealand species. Roy. Soc. N. Zeal. Trans. 4(2):49-60.

PATERSON, H. E. 1963. Recent investigations of the *A. gambiae* complex in Southern Africa.

II. On the naming of the East African salt-water species of the *A. gambiae* complex. WHO/Mal/421:7-10.

_____, PATERSON, J. S. and VAN EEDEN, G. J. 1963. Recent investigations of the *A. gambiae* complex in Southern Africa. I. Records of the breeding of "salt-water *A. gambiae*" at inland localities in Southern Africa. III. A preliminary report on a new member of the *A. gambiae* complex. WHO/Mal/421:1-6; 11-19.

PETERS, W. 1963. Mosquitoes of New Guinea (Diptera: Culicidae). VII. A new species complex of *Uranotaenia* Lynch Arribálzaga, 1891. Roy. Ent. Soc. London Proc. Ser. B. 32(9/10): 135-144. [*U. paranovaguinensis*, *U. novaguinensis*, *U. n. alticola* n. spp. and n. ssp.]

_____. 1963. Mosquitoes of New Guinea (Diptera: Culicidae). VI. The genus *Tripteroides* Giles: a new species of the subgenus *Polypleidomyia* Theobald, notes on taxonomy and distribution and a revised key to the described pupae. Roy. Ent. Soc. London Proc. Ser. B. 32(7/8): 89-100. [*Tripteroides perplexus* n. sp.]

ROHLF, F. J. 1963. Classification of *Aedes* by numerical taxonomic methods (Diptera: Culicidae). Ent. Soc. Amer. Ann. 56(6):798-804.

YAMAGUCHI, N. 1963. A comparative study on adult characters of some laboratory colonies of *Culex pipiens* s. l. from southern and eastern Japan. Jap. J. Sanit. Zool. 14(1):1-6. In Jap., Engl. Sum.

See also Dodge in Behavior, Biology and Ecology Section.

DISTRIBUTION

COTINI, C. and PIRAS, L. 1962. Sulla presenza di *Mansonia richiardii* (Ficalbi, 1896) in Sardegna (Diptera Culicidae). Soc. Ent. Ital. Bol. 92 (1/2):29-31.

DA SILVA MACIEL, C. 1962. Lista de culicídeos do Estado de Minas Gerais, Brasil (Diptera, Culicidae). Rev. Brasil. de Malariol. 14(4):465-494. Engl. Sum.

FRANCA-RODRÍGUEZ, M. E. and VARELA, J. C. 1962. *Anopheles* (*Myzorhynchella*) *antunesi*, especie nueva para el Uruguay. An. Facul. de Med. Montevideo 47(5/6):246-249. Engl. Sum. [Formerly known from Brazil.]

HEDEEN, R. A. 1963. The occurrence of *Aedes hendersoni* Cockrell in northern Illinois. Mosquito News 23(4):349-350.

HUSÁROVÁ, A. 1963. Bericht über das *Anopheles*-vorkommen in der Ostslowakei. Biologia (Bratislava) 18(4):309-312. Ger. Sum.

MORALES, A. and VIDALES, H. 1962. Distribución de mosquitos selváticos en San Vicente de Chucuri, Colombia. Lozania (Acta Zool. Colombiana) 13:1-16.

NYE, E. R. 1962. *Aedes* (*Pseudoskusea*) *australis* Erichson (Diptera, Culicidae) in New Zealand. Roy. Soc. New Zealand, Zool., Trans. 3(4):33-34.

ORI, S., SHIMOGAMA, M. and ITO, S. 1963. The species and abundance of immature mosquitoes in the paddy fields near Nagasaki City. *Endemic Dis. Bul. (Nagasaki Univ.)* 5(1):51-59. In Jap., Engl. Sum.

ROMAN, E. 1963. Présence d'*Aedes (Ochlerotatus) cataphylla* Dyar (Diptères Culicidae) dans le Jura plissé. *Bul. Mens. Soc. Linn. Lyon* 32(5):148-149.

SU, L. 1962. *Theobaldia (C.) bergrothi* Edw., from northeast China, with a discussion on the identity of *Theobaldia (Th.) kanayamensis* Yamada. *Acta. Ent. Sinica* 11(2):138. In Jap. [*Culiseta bergrothi* and *C. kanayamensis*.]

See also Hamon in Behavior, Biology and Ecology Section and Ent. Comm. Calif. Mosquito Cont. Assoc. in Taxonomy Section.

ENCEPHALITIS

DOWNES, W. G., DELPECHE, K. A. and UTTLEY, K. H. 1963. Arthropod-borne encephalitis viruses in the West Indies area. Part IV: a serological survey of Antigua, W. I. *West Indian Med. J.* 12(2):109-116.

GAIDAMOVICH, S. YA and SUAN-MUOU, D. 1963. Chromatography of Japanese B encephalitis virus on calcium phosphate columns. *Acta. Virol.* 7(4):377.

HUANG, C. H. and WONG, C. 1963. Relation to the peripheral multiplication of Japanese B encephalitis virus to pathogenesis of the infection in mice. *Acta Virol.* 7(4):322-330.

IRVINE, R. A., GRANT, L. S. and BELLE, E. A. 1963. Acute viral encephalitis in Jamaica. *Amer. J. Trop. Med. and Hyg.* 12(6):916-923.

LAMOTTE, L. C., JR. 1963. Effect of low environmental temperature upon Japanese B encephalitis virus multiplication in the mosquito. *Mosquito News* 23(4):330-335.

NEWSON, H. D. 1962. The feeding habits of mosquitoes in relation to Eastern equine encephalomyelitis in Maryland, USA. *Internat. Cong. Ent. Proc.* 11(2):366-368.

PHOON, W. O. and LIM, K. A. 1963. Japanese encephalitis in Singapore children. *Singapore Med. J.* 4(1):11-17.

RUSH, W. A., KENNEDY, R. S. and EKLUND, C. M. 1963. Evidence against winter carryover of Western equine encephalomyelitis virus by *Culex tarsalis*. *Mosquito News* 23(4):285-286.

FILARIASIS

BURTON, G. J. 1963. Encapsulation of *Wuchereria bancrofti* in seven species of mosquitoes in British Guiana. *Amer. J. Trop. Med. and Hyg.* 12(6):870-876.

EDSON, J. F. B. and WILSON, T. 1964. The epidemiology of filariasis due to *Wuchereria bancrofti* and *Brugia malayi*. *Ann. Rev. Ent. (Palo Alto)* 9:245-268.

JAYWARDENE, L. G. 1963. Larval development of *Brugia ceylonensis* Jayewardene, 1962, in

Aedes aegypti, with a brief comparison of the infective larva with those of *Brugia* spp., *Dirofilaria repens* and *Artionema digitata*. *Ann. Trop. Med. and Parasitol.* 57(3):359-370.

KATAMINE, D. and COWORKERS. 1962. Epidemiological surveys on the intestinal parasites and filarial infection among the inhabitants of Miyako Islands, Ryukyu. *Endemic Dis. Bul. (Nagasaki Univ.)* 4(3):166-175. In Jap., Engl. Sum.

LAWRENCE, B. R. 1962. The behaviour of *Wuchereria* in the mosquito host. *Internat. Cong. Ent. Proc.* 11(3):127-128.

MAHDI, A., GUIRGUIS, S. S., KOLTA, S. and SOLEIF, A. 1963. A preliminary note on the control of filariasis in Marsafa in the U. A. R. *Egypt. Pub. Health Assoc. J.* 38(3):153-165.

OMORI, N., SUENAGA, O. and NAKACHI, K. 1962. Epidemiology of bancroftian filariasis in Hasimatsu village, Miyako Island, the Ryukyu. I.—Results of a survey made in October, 1961. *Endemic Dis. Bul. (Nagasaki Univ.)* 4(3):194-205. In Engl.

SAWYER, T. K. and WEINSTEIN, P. P. 1963. Morphologic changes occurring in canine microfilariae in whole blood cultures. *Amer. J. Vet. Res.* 24(100):402-407.

———, ——— and BLOCH, J. 1963. Canine filariasis—the influence of the method of treatment on measurements of microfilariae in blood samples. *Amer. J. Vet. Res.* 24(100):395-401.

TRENT, S. C. 1963. Reevaluation of World War II veterans with filariasis acquired in the South Pacific. *Amer. J. Trop. Med. and Hyg.* 12(6):877-887.

VAN DEN BERGHE, L., PEEL, E. and CHARDOME, M. 1963. Two sheathed microfilariae in animals from the Congo Basin Forest. *J. Parasitol.* 49(3):471-473.

WELTY, R. F., LUDDEN, T. E. and BEAVER, P. C. 1963. Dirofilariasis in man: report of a case from the State of Washington. *Amer. J. Trop. Med. and Hyg.* 12(6):888-891.

WHARTON, R. H. 1963. Adaptation of *Wuchereria* and *Brugia* to mosquitoes and vertebrate hosts in relation to the distribution of filarial parasites. *Zoonoses Research* 2(1):1-11.

MALARIA

DAVIS, D. H. S. 1963. Ecology and vector control. *WHO Bul.* 29(Suppl.):127-133. [Includes malaria.]

DEL PONTE, E. 1962. El problema entomopidemiologico del paludismo en la Argentina. *Internat. Cong. Ent. Proc.* 11(2):391-396.

HUFF, C. G. 1963. Experimental research on avian malaria. *Adv. in Parasitol.* (Edited by Ben Dawnes). Vol. 1:1-65.

JOHNSON, D. R. and FRITZ, R. F. 1963. Postage stamps portray a world united against malaria. *WHO/Mal/411*, 19 pp.

KHOVANSKAYA, A. I. 1963. Quartan malaria in USSR from 1923-1948. In *Problems of medi-*

- cal parasitology. (Edited by V. N. Beklemishev and M. G. Rashina). pp. 112-140, Moscow. In Rus.
- KUVIN, S. F. and COWORKERS. 1963. Production of malarial antibody. Determination by the fluorescent-antibody technique. *Amer. Med. Assoc. J.* 184(12):943-945.
- and VOLLER, A. 1963. Malarial antibody titres of West Africans in Britain. *Brit. Med. J.* 5355:477-479.
- MACDONALD, G. 1963. The development of health services in tropical countries. *Acta Tropica* 20(3):269-278. [Malaria included.]
- MASHAAL, H. 1962. Epidemiological assessment of malaria in Sheikhpura and Sialkot districts, West Pakistan during 1961-62. *Pakistan J. Health* 12(3):134-141.
- PARK, J. E. and BRASAD, B. G. 1963. Health survey of Natwara village in Madhya Pradesh. *Indian J. Med. Sci.* 17(4):300-320. [Includes mosquitoes.]
- RAVOAHANCY-ANDRIANAVALONA, 1963. Re-seignements sur les splénomégales à Madagascar, observations concernant la valeur des index spléniques du point de vue de l'épidémiologie. *Méd. Afr. Noire (Dakar)* 10(5):257-258.
- SALITERNIK, Z. 1963. Impressions from an anti-malaria tour in Romania. *Harefuah* 64(2):56-58. In Israeli.
- SCHNEIDER, J. 1963. Le paludisme en France. Une endémie éteinte. Un problème d'actualité. *Semaine Théat.* (Paris) 35(5):330-333.
- WORLD HEALTH ORGANIZATION. 1963. Malaria at the Rio Congresses 1963. A review of papers on malaria presented at the Seventh International Congresses on Tropical Medicine and Malaria, Rio de Janeiro, September 1963. *WHO/Mal/417, WHO/Vector Cont./52, Annex I*, 15 pp.
- See also WHO in Literature References and Reviews Section.
- Malaria—Clinical Aspects*
- HENDRICKSE, R. G. and GILLES, H. M. 1963. The nephrotic syndrome and other renal diseases in children in Western Nigeria. *East Afr. Med. J.* 40(5):186-201. [Includes malaria.]
- KIBUKAMUSOKE, J. W. 1963. Malaria and nephrosis. *Brit. Med. J.* 5352:319-320.
- TRAGER, W. and MOST, H. 1963. A long-delayed primary attack of ovale malaria. *Amer. J. Trop. Med. and Hyg.* 12(6):837-839.
- Malaria—Eradication*
- DA FONSECA, J. A. B. 1962. Erradicação da malária no Brasil. Sêmula de trabalhos realizados no norte do país, especialmente nas fronteiras das Guinas. *Rev. Brasil de Malariol.* 14(4):451-464. Engl. Sum.
- DUKHANINA, N. N. and SHIPITSINA, N. K. 1963. Eradication of malaria in the Ozersky district of Moscow oblast. In *Problems of medical parasitology*. (Edited by V. N. Beklemishev and M. G. Rashina). pp. 63-95, Moscow. In Rus.
- GOZODOVA, G. E. and BANDIN, A. I. 1963. Eradication of malaria in the area where the rural health office of the district of Masally is located in the Azerbaidzhan SSR. In *Problems of medical parasitology*. (Edited by V. N. Beklemishev and M. G. Rashina). pp. 96-116, Moscow. In Rus.
- HANDLER, J. 1963. Fifteen years of WHO. *McGraw-Hill Yrbk. Sci. and Technol.* pp. 23-30. [Includes malaria eradication.]
- LYSENKO, A. YA. 1963. Some aspects of the problem of imported malaria in malaria eradication programmes. *WHO/Mal/420*, 12 pp.
- MASHAAL, H. and KHAN, J. 1962. Results of assessment of malaria eradication measures in West Pakistan localities adjacent to Indo-Pakistan border 1961-62. *Pakistan J. Health* 12(3):128-133.
- MICKS, D. W. 1963. Vector control after malaria eradication. *WHO Bul.* 29(Suppl.):171-176.
- MOFIDI, C. M. H. 1963. Vector control in developing countries with special reference to the utilization of trained personnel after malaria eradication. *WHO Bul.* 29(Suppl.):167-169.
- PLETSCH, D. J. 1963. El programa Mexicano en la lucha mundial antipaludica. *Salud. Pub. epoca* 5, 5(5):733-736.
- RAY, A. P. 1963. The National Malaria Eradication Programme (India)—technical directives and administrative guidance. *Nat. Soc. India for Malaria and other Mosquito-Borne Dis. Bul.* 11(3/4):59-151.
- . 1963. Role of the medical profession in the National Malaria Eradication Programme. *Indian Med. Assoc. J.* 41(1):1-6.
- SHARMA, M. I. D., ROY, M. L. and SAMNOTRA, K. G. 1963. Standard laboratory procedures for the National Malaria Eradication Programme units in India. *Nat. Soc. India for Malaria and other Mosquito-Borne Dis. Bul.* 11(1/2):3-29.
- SHAWARBY, A. A. 1963. Training of vector control personnel. *WHO Bul.* 29(Suppl.):177-182. [Includes malaria campaigns.]
- ZULUETA, J. DE and GARRETT-JONES, C. 1963. An investigation of the persistence of malaria transmission in Mexico. *WHO/Mal/407, WHO/Vector Cont./49*, 29 pp.
- See also Visvalingam in Techniques Section.
- Malaria—Plasmodia*
- ADLER, S. and FONER, A. 1963. Further observations on *Plasmodium vinckei* in hamsters and mice. The problem of virulence. *Israel J. Expt. Med.* 2(1):24-28.
- CHOUMARA, R. 1963. Note on *Plasmodium ovale* in South Cameroun. *WHO/Mal/387*, 6 pp.
- DAHNOVICI, V. and BUDA, A. 1963. Contributii la studiul modificarilor substantei fundamentale in infestatia experimentală cu *Plasmodium berghei* la soarece. *Microbiol., Parazitol., Epidemiol.*

(Bucharest) 8(2):113-118. In Roum., Engl. Sum.

DEMINA, N. A. 1963. Formation of infection in *P. gallinaceum* in early stages of development. In Problems of medical parasitology. (Edited by V. N. Beklemishev and M. G. Rashina). pp. 54-62, Moscow. In Rus.

———. 1963. Immunity in malaria and present day understanding of the developmental cycle of the parasite. In Problems of medical parasitology. (Edited by V. N. Beklemishev and M. G. Rashina). pp. 9-53, Moscow. In Rus.

DUNN, F. L. and LAMBRECHT, F. L. 1963. The hosts of *Plasmodium brasilianum* Gonder and von Berenberg-Gossler, 1908. J. Parasitol. 49(2):316-319.

GARNHAM, P. C. C. 1963. A New sub-species of *Plasmodium knowlesi* in the long-tailed macaque. J. Trop. Med. and Hyg. (London) 66(6):156-158. [*P. k. edesoni* n. subsp.]

NILES, W. J. 1963. Natural infection of *Mansonia (Coquillettidia) crassipes* with an unidentified *Plasmodium*. Roy. Soc. Trop. Med. and Hyg. Trans. 57(6):489.

Malaria—Simian

BRAY, R. S. 1963. Malaria infections in primates and their importance to man. Ergebn. Mikrobiol. Immunit. 36:168-213.

DISSANAIKE, A. S. 1963. *Plasmodium* infection in Ceylon monkeys. Roy. Soc. Trop. Med. and Hyg. Trans. 57(6):488-489.

TOBIE, J. E. and COWORKERS. 1963. Cross reactions in human and simian malaria. Amer. Med. Assoc. J. 184(12):945-947.

Malaria—Therapeutics and Antimalarials

CONTACTOS, P. G., LUNN, J. S. and COATNEY, G. R. 1963. Drug-resistant falciparum malaria from Cambodia and Malaya. Roy. Soc. Trop. Med. and Hyg. Trans. 57(6):417-424.

EYLES, D. E., HOO, C. C., WARREN, M. and SANDOSHAM, A. A. 1963. *Plasmodium falciparum* resistant to chloroquine in Cambodia. Amer. J. Trop. Med. and Hyg. 12(6):840-843.

JEFFERY, G. M., COLLINS, W. E. and SKINNER, J. C. 1963. Antimalarial drug trials on a multi-resistant strain of *Plasmodium falciparum*. Amer. J. Trop. Med. and Hyg. 12(6):844-850.

MCGREGOR, I. A., WILLIAMS, K. and GOODWIN, L. G. 1963. Pyrimethamine and sulphadiazine in treatment of malaria. Brit. Med. J. 5359:728-729.

MONTGOMERY, R. and EYLES, D. E. 1963. Chloroquine resistant falciparum malaria in Malaya. Roy. Soc. Trop. Med. and Hyg. Trans. 57(6):409-416.

——— and ———. 1963. A further study of chloroquine resistant falciparum malaria in Malaya with observations on cross-resistance and response to other drugs. WHO/Mal/418, 22 pp.

SCHULEMANN, W. 1963. Further development

of synthetic antimalarials. WHO/Mal/409, 10 pp.

YELLOW FEVER

SMETANA, H. F. 1963. Yellow fever, 60 years later. Military Med. 128(4):306-318.

ARBOVIRUSES

AITKEN, T. H. G. and SPENCE, L. 1963. Virus transmission studies with Trinidadian mosquitoes. Part III.—Cache Valley virus. West Indian Med. J. 12(2):128-132.

BARNETT, H. C. 1962. The incrimination of arthropods as vectors of disease. Internat. Cong. Ent. Proc. 11(2):341-345.

BERTRAM, D. S., NYE, E. R., BIRD, R. G. and VARMA, M. G. R. 1962. Arthropod-borne viruses in their vectors. Internat. Cong. Ent. Proc. 11(2):346-349.

COLLINS, D. L. 1962. Arthropod-borne diseases and their vectors in New York State. Internat. Cong. Ent. Proc. 11(2):349-353.

INSTITUT PASTEUR DU VIÊT-NAM. 1962. Arbovirus. In Rapport Annuel sur le Fonctionnement Technique (Viêt-Nam). pp. 51-57. [Includes Japanese B encephalitis and dengue.]

KERSHAW, W. 1963. Vector-borne diseases in man: a general review. WHO Bul. 29 (Suppl.):13-17. [Includes mosquitoes.]

MATTINGLY, P. F. 1962. The natural history of mosquito-borne viruses. Internat. Cong. Ent. Proc. 11(2):359-362.

MCINTOSH, B. M., DICKINSON, D. B., SERAFINI, E. T. and DE SOUSA, J. 1962. Antibodies against certain arbor viruses in sera from human beings and domestic animals from the South African highveld. S. Afr. Med. J. 27(4):87-94.

———, HARWIN, R. M., PATERSON, H. E. and WESTWATER, M. L. 1963. An epidemic of chikungunya in south-eastern Southern Rhodesia. Cent. Afr. J. Med. 9(9):351-359.

———, SERAFINI, E. T., DICKINSON, D. B. and WEINBREN, M. P. 1962. Antibodies against certain arbor viruses in sera from human beings resident in the coastal areas of Southern Natal and Eastern Cape Provinces of South Africa. S. Afr. Med. J. 27(4):77-86.

RAGEAU, J. 1962. Intérêt médical des moustiques en Océanie Française. Internat. Cong. Ent. Proc. 11(2):378-383.

RHODES, A. J. and VAN ROOYEN, C. E. 1962. Textbook of virology. Ed. 4, 600 pp. [Baillière, Tindall and Cox, Ltd.]

RODANICHE, E. DE and GALINDO, P. 1963. Ecological observations on Ilhéus virus in the vicinity of Almirante, Republic of Panama. Amer. J. Trop. Med. and Hyg. 12(6):924-928.

SELLERS, R. F. 1963. The use of a line of hamster kidney cells (BHK 21) for growth of arthropod-borne viruses. Roy. Soc. Trop. Med. and Hyg. Trans. 57(6):433-437.

LITERATURE REFERENCES AND REVIEWS

SOLLERS-RIEDEL, H. 1963. References to literature of interest to mosquito workers and malariologists. *Mosquito News* 23(4):362-370.

WORLD HEALTH ORGANIZATION. 1963. Malaria at the Rio Congresses 1963. A review of papers on malaria presented at the Seventh International Congresses of Tropical Medicine and Malaria. WHO/Mal/417, WHO/Vector Cont./52. 112 pp.

BIOGRAPHY AND HISTORY

RAMAKRISHNAN, S. P. 1963. The evolution of the N. I. C. D. Nat. Soc. India for Malaria and other Mosquito-Borne Dis. Bul. 11(3/4):48-53. [National Institute of Communicable Diseases.]

WILCOCKS, C. 1963. A historical trend in tropical medicine. *Roy. Soc. Trop. Med. and Hyg. Trans.* 57(6):395-408. [Presidential address.]

MOSQUITO ABATEMENT DISTRICT PROBLEMS

Papers from Calif. Mosquito Cont. Assoc. Proc. 31:

ATWOOD, H. B. 1963. The private life of public relations. pp. 10-14.

ENGLER, A. J. 1963. Requirements for annexation to mosquito abatement districts by new subdivisions. pp. 60-61.

MALLARS, J. 1963. Techniques for locating a mosquito source. pp. 55-56.

———. 1963. The value of premises surveys in a mosquito abatement program. p. 56.

NORMAN, W. F. 1963. The value of written, comprehensive administrative policies to trustees and management of a mosquito abatement district. p. 57.

PEAVEY, H. M. 1963. Relation of special districts to cities. pp. 58-59.

PIEPGRASS, R. 1963. Working conditions and salary schedules for mosquito control agencies. pp. 61-62.

STEINER, A. S. 1963. Functions and procedures of a mosquito abatement district board of trustees. p. 63.

STRONG, O. R. 1963. Responsibilities of mosquito abatement district trustees. p. 58.

TYLER, R. 1963. Casualty insurance. pp. 64-65.

SUBJECTS NOT COVERED BY OTHER HEADINGS

BOORMAN, J. 1963. Mosquitoes. *Niger. Field* 28(3):120-128.

CALIFORNIA MOSQUITO CONTROL ASSOCIATION. 1963. Thirty-first annual conference. *Calif. Mosquito Cont. Assoc. Proc.* 31, 108 pp.

DECKER, G. C. 1963. Pesticide-wildlife relationships. *Calif. Vector Views* 10(7):43-51.

FURMANOV, S. I. 1963. The etiology and pathogenesis of mosquito dermatosis. *Vest. Dermatol. (Moscow)* 37(2):45-48. In *Rus., Engl. Sum.*

HARANT, H. 1963. *Parasitologie médicale et pathologie exotique.* Ed. 5, 301 pp., Paris.

LEWIS, D. J. 1963. Arthropod vectors of public health importance. *WHO Bul.* 29(Suppl.):19-24. [Includes mosquitoes.]

REID, J. A. 1962. Mosquito systematics and the transmission of disease. *Internat. Cong. Ent. Proc.* 11(2):362-366.

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