

## LITERATURE REFERENCES TO MOSQUITOES AND MOSQUITO-BORNE DISEASES

1975—PART III

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### FUMIGANTS

- Chadwick, P. R. 1975. The activity of some pyrethroids, DDT and lindane in smoke from coils for biting inhibition, knockdown and kill of mosquitoes (Diptera, Culicidae). *Bul. Ent. Res.* 65(1):97-107.
- Rauch, F., Lhoste, J. and Martel, J. 1974. Insecticidal properties of some allethrin isomers used in coil formulations against mosquitoes. *Pesticide Sci.* 5(5):651-656.

### ADULTICIDES, LARVICIDES AND OVICIDES

- Blank, M. 1975. Mosquito control with phospholipid monolayers. *U. S. Navy O.N.R. London Br. Eur. Sci. Notes*-29:1-2.
- Buéi, K. 1975. The effect of pyrethroids to larvae and pupae of *Culex pipiens pallens* Coquillett. Studies on the biological assay of pyrethroids. VI. *Botyu-Kagaku* 40(1):27-31. In Jap., Engl. Sum.
- Duffey, D. J. 1973. The evaluation of bromophosethyl as a mosquito larvicide in the Wankie district of Rhodesia. *Pub. Health (South Afr.)* 73(12):365-369. [Larvicide in original.]
- Golberg, A. M., Chagin, K. P. and Ganushkina, L. A. 1975. Study of the effect of antibiotics from the group of streptotricin on bloodsucking mosquitoes. Communication I: the effect of phytobacteriomyycin, polymycin and grisine on larvae of *Culex pipiens molestus* Forsk. mosquitoes. *Med. i Parazit.* Bolezni 44(2):195-200. In Rus., Engl. Sum.
- Ismail, I. A. H., Notananda, V. and Schepens, J.: 1975. Studies on malaria and responses of *Anopheles balabacensis balabacensis* and *Anopheles minimus* to DDT residual spraying in Thailand. Part II: post-spraying observations. WHO/VBC/75.515. 23 pp.
- Javadian, E. and Acheson, M. A. 1974. An evaluation of the effect of larviciding operations in rural areas near Abadan, Iran. *Iranian J. Pub. Health* 3(1):54-61. For mosquitoes—*Anopheles*.]
- Mulla, M. S., Darwazeh, H. A. and Majori, G. 1975. Field efficacy of some promising mosquito larvicides and their effects on nontarget organisms. *Mosquito News* 35(2):179-185.
- Osmani, Z., Anees, I. and Naidu, M. B. 1974. Effect of different temperatures on the repellency of certain essential oils against house flies and mosquitoes. *Pesticides* 8(9):45-47.
- Sanders, D. P. 1974. Mosquito control. *Purdue Univ. Coop. Ext. Serv. Pub. E-26.* 4 pp.
- Schaefer, C. H., Wilder, W. H. and Mulligan, F. S., III. 1975. A practical evaluation of TH-6040 as a mosquito control agent in California. *J. Econ. Ent.* 68(2):183-185.
- Sullivan, W. N. and Coauthors. 1975. Further studies of aircraft disinsection and odor characteristics of aerosols containing resmethrin and *d*-trans-resmethrin. *Botyu-Kagaku* 40(1):5-13. In Engl., Jap. Sum.
- Travassos Filho, L. P., Sorensen, B. and Fontenelle, T. J. H. 1973. Larvicidal and molluscidal action of "Tego 51." *Inst. Butantan Mem.* 37:317-325. In Por., Engl. Sum. [*Culex p. quinquefasciatus*.]
- GROWTH REGULATORS**
- Giglioli, M. E. C. 1975. Low dosage aerial applications of insect growth regulators against *Aedes taeniorhynchus* through dense mangrove canopy. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):17.
- Kadri, A. B. H. 1975. Cross-resistance to an insect juvenile hormone analogue in a species of the *Anopheles gambiae* complex resistant to insecticides. *J. Med. Ent.* 12(1):10-12.
- Kuno, G. and Moore, C. G. 1975. Production of larval growth retardant in axenic cultures of *Aedes aegypti*. *Mosquito News* 35(2):199-201.
- Mulla, M. S., Majori, G. and Darwazeh, H. A. 1975. Effects of the insect growth regulator Dimilin® or TH-6040 on mosquitoes and some nontarget organisms. *Mosquito News* 35(2):211-216.
- Pest Control. 1975. Growth regulator cuts hazards. *Pest Control* 43(7):20, 22, 37. [*Aedes, Culex, Psorophora*.]
- AEDES AEGYPTI ERADICATION**
- Sabin, A. 1975. Statement on dengue, yellow fever, and eradication of *Aedes aegypti*. *Pan Amer. Health Organ. Bul.* 9(1):70-72.
- PARASITES, PREDATORS, VIRUSES AND RELATED AGENTS**
- Buchatsky, L. P. 1975. Viruses pathogenic for

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- mosquitoes (Diptera, Culicidae). Voprosy Virusologii 20(3):268-273. In Rus.
- Buchatsky, L. P. and Sheremet, V. P. 1975. Some observations of iridescent viruses of blood-sucking mosquitoes (Diptera, Culicidae). Med. Parazit. i Parazit. Bolezni 44(1):101-102. In Rus., Engl. Sum.
- Davidson, E. W., Singer, S. and Briggs, J. D. 1975. Pathogenesis of *Bacillus sphaericus* strain SSII-1 infections in *Culex pipiens quinquefasciatus* (=*C. pipiens fatigans*) larvae. J. Invert. Path. 25(2):179-184.
- Didia, V., LaSalle, R. and Liem, K. 1975. The effects of Abate 2G® mosquito larvicide on selected non-target organisms collected from forested temporary pools. Mosquito News 35(2):227-228.
- El Rayah, E. A. 1975. Dragonfly nymphs as active predators of mosquito larvae. Mosquito News 35(2):229-230.
- Fukuda, T. and Clark, T. B. 1975. Transmission of the mosquito iridescent virus (RMIV) by adult mosquitoes of *Aedes taeniorhynchus* to their progeny. J. Invert. Path. 25(2):275-276.
- Gittelman, S. H. 1974. *Martarega hondurensis* and *Buenoa antigone* as predators of mosquito larvae in Costa Rica (Hemiptera: Notonectidae). Pan-Pacific Ent. 50(1):84-85.
- Goldberg, A. M., Markovich, N. Ya. and Proskuryakova, A. M. 1975. A case of detection of *Coelomomyces psorophorae* Couch (Phycomycetes, Blastocladiales) a parasite of *Aedes vexans* in the Tuva ASSR. Med. Parazit. i Parazit. Bolezni 44(1):103-104. In Rus., Engl. Sum.
- Kulanin, V. L. 1975. Effectiveness of Gambusia in the control of larvae of mosquitoes, tribe Culicinae. Med. Parazit. i Parazit. Bolezni 44(2):235. In Rus.
- Lebedintsev, N. N. and Zelenko, A. P. 1975. Infectivity of *Aedes aegypti* L. mosquito dengue nucleosirus virus for larvae of other species of bloodsucking mosquitoes. Voprosy Virusologii 20(2):192-196. In Rus., Engl. Sum.
- Levchenko, N. G. 1975. On invasion of mosquitoes with microsporidium *Thelohania* sp. in Central Kazakhstan. Med. Parazit. i Parazit. Bolezni 44(1):59-62. In Rus., Engl. Sum.
- McInnis, T. M., Jr. and Dommas, A. J. 1974. An aryl β-D-glucosidase of the aquatic fungus *Lagenidium giganteum*, a parasite of mosquito larvae. Arch. Microbiol. 101(4):343-350.
- Miura, T. and Takahashi, R. M. 1975. Effects of the IGR, TH6040, on nontarget organisms when utilized as a mosquito control agent. Mosquito News 35(2):154-159.
- Mullen, G. R. 1975. Acarine parasites of mosquitoes. I. A critical review of all known records of mosquitoes parasitized by mites. J. Med. Ent. 12(1):27-36.
- Mullen, G. R. 1975. Predation by water mites (Acarina: Hydrachnellae) on the immature stages of mosquitoes. Mosquito News 35(2):168-171.
- Nickle, W. R. and Högger, C. H. 1974. Scanning electron microscopy of the mosquito parasite, *Reesimermis nielseni* (Nematoda: Mermithidae). Helminthol. Soc. Wash. Proc. 41(2):173-177.
- Simmers, J. W. 1974. Microsporidia of the genus *Parathelohania* occurring in three sympatric species of mosquitoes, *Culiseta inornata*, *Culex pipiens* and *Culex territans* in southern Illinois. Ill. St. Acad. Sci. Trans. 67(1):16-19.
- Singer, S. 1974. Entomogenous bacilli against mosquito larvae. Developments in Indus. Microbiol. 15:187-194. [*Culex pipiens* and *Aedes aegypti*.]
- Undeen, A. H. and Alger, N. E. 1975. The effect of the microsporidian, *Nosema algerae*, on *Anopheles stephensi*. J. Invert. Path. 25(1):19-24.
- Villacarlos, L. T. and Gabriel, B. P. 1974. Some microbial pathogens of four species of mosquitoes. Kalikasan Philipp. J. Biol. 3(1):1-12.
- Yakubovich, V. Ya. 1975. Detection of nematode larvae in eggs and cavity of female *Aedes* mosquitoes. Med. Parazit. i Parazit. Bolezni 44(1):102-103. In Rus.
- Zaman, V. and Lim, E. P. C. 1974. Effect of levamisole on the development of *Brainlia sergenti* in mosquitoes. Southeast Asian J. Trop. Med. and Pub. Health 5(4):579-580.

#### VARIOUS TYPES OF CONTROL

- Alekseev, A. N. 1975. Prospects of the development of methods for control of bloodsucking Diptera and ixodid ticks. Med. Parazit. i Parazit. Bolezni 44(1):3-10. In Rus. [Includes *Culex*, *Anopheles*, *Aedes*.]
- Dukes, J. C., Axtell, R. C. and Knight, K. L. 1974. Additional studies of the effects of salt marsh impoundments on mosquito populations. Water Resources Res. Inst. (Univ. N.C.) Rpt. No. 102, 38 pp.
- Sharma, M. I. D. 1974. *Culex pipiens fatigans*. In Control of Arthropods of Medical and Veterinary Importance (edited by Pal, R. and Wharton, R. H.) pp. 119-133.
- Spencer, N. R. 1974. Insect enemies of aquatic weeds. Pest Articles and News Sum. 20(4): 444-450.
- Wada, Y. 1974. *Culex tritaeniorhynchus*. In Control of Arthropods of Medical and Veterinary Importance (edited by Pal, R. and Wharton, R. H.) pp. 105-118.

#### COST ANALYSIS

- Humphrey, J. H. 1974. The practical and potential contributions of immunology to the problems of developing countries. J. Trop. Med. and Hyg. 77(12):282-286. [Malaria, filariasis and cost analysis.]
- See also DeBord et al. in Booklet Section.

## EQUIPMENT

- Pest Control. 1975. Equipment directory of advertisers. Pest Control 43(5):34-39, passim.
- Pest Control. 1975. Equipment directory of advertisers. Pest Control 43(6):26,28-29.
- Pest Control. 1975. Tracked mosquito vehicle tackles Florida swamplands. Pest Control 43(7):13, 37.

## ATTRACTANTS AND REPELLENTS

- Bhuyan, M., Sexena, B. N. and Rao, K. M. 1974. Repellent property of oil fraction of garlic, *Allium sativum* Linn. Indian J. Expt. Biol. 12(6):575-576. [Culex pipiens quinquefasciatus included.]
- Khan, A. A., Maibach, H. I. and Skidmore, D. L. 1975. Addition of vanillin to mosquito repellents to increase protection time. Mosquito News 35(2):223-225.
- Lurie, A. A., Potapov, A. A., Tsizin, Yu. S. and Vladimirova, V. V. 1975. Reactivation of the effect of repellents applied to cloth. Med. Parazit. i Parazit. Bolezni 44(2):205-210. In Rus., Engl. Sum. [Aedes aegypti].
- McGovern, T. P., Schreck, C. E., Jackson, J. and Beroza, M. 1975. n-acylamides and n-alkyl-sulfonamides from heterocyclic amines as repellents for yellow fever mosquitoes. Mosquito News 35(2):204-210.
- Sarmiento, R. and Beroza, M. 1975. Analysis of the insect repellent deet and its isomers by gas chromatography on graphitized carbon black. J. Econ. Ent. 68(2):258-260.
- Tsakotellis, P. and Coauthors. 1971. Topical mosquito repellents III: carboxamide acetals and ketals and related carbonyl addition derivatives. J. Pharmaceut. Sci. 60(1): 84-89.
- Tsizin, Yu. S. and Coauthors. 1975. Search for new repellents in the series of  $\alpha,\beta$ -unsaturated ketones. Med. Parazit. i Parazit. Bolezni 44(1): 66-71. In Rus., Engl. Sum. [Includes mosquitoes.]
- Zhukova, L. I. 1975. A dress for mechanical simultaneous protection of man against ixodid ticks and bloodsucking Diptera. Med. Parazit. i Parazit. Bolezni 44(1):45-49. In Rus., Engl. Sum.

## RESISTANCE AND SUSCEPTIBILITY

- Anufrieva, V. N. and Coauthors. 1975. Some problems of the ecology of DDT-resistant *Anopheles maculipennis sacharovi* Favre, 1903, in villages of the Azerbaijan SSR. Med. Parazit. i Parazit. Bolezni 44(1):33-42. In Rus., Engl. Sum.
- Apperson, C. S. and Georghiou, G. P. 1975. Mechanisms of resistance to organophosphorus insecticides in *Culex tarsalis*. J. Econ. Ent. 68(2):153-157.
- Ayad, H. and Georghiou, G. P. 1975. Resistance to organophosphates and carbamates in

*Anopheles albimanus* based on reduced sensitivity of acetylcholinesterase. J. Econ. Ent. 68(3):295-297.

- Boike, A. H., Jr. and Rathburn, C. B., Jr. 1975. Laboratory susceptibility tests of some Florida strains of *Aedes taeniorhynchus* (Wied.) and *Culex nigripalpus* Theob. to malathion and naled, 1972-1974. Mosquito News 35(2): 137-140.
- Drobrozina, V. P., Sergiev, V. P. and Kazmina, N. I. 1975. Study of the possibility of using DDVP in control of malaria mosquitoes resistant to DDT. Med. Parazit. i Parazit. Bolezni 44(2):200-205. In Rus., Engl. Sum.
- Gaaboub, I. A. and Dawood, M. R. 1974. Irritability status of adults of *Culex pipiens* L. under selection pressure with lethal concentrations of DDT and malathion. Z. Angew. Ent. 77(2):126-132.

World Health Organization. 1975. Information circular on insecticide resistance insect behaviour and vector genetics. VBC/IRG/75.29, 32 pp.

## PESTICIDES AND CHEMICALS

- Indian Journal of Pediatrics. 1974. DDT—still the best. Indian J. Pediatrics 41(316):196-198.
- Jukes, T. H. 1974. Comments on the article, "Chlorinated hydrocarbons in the Sargasso Sea atmosphere and surface water." Clin. Toxicol. 7(6):629-631.
- Mallack, J., Joseph, S. R. and Menzer, R. E. 1975. Brain acetylcholinesterase levels in chickens and rabbits exposed to ground applications of ULV malathion. Mosquito News 35(2):185-188.
- Matthews, G. A. 1975. Determination of droplet size. Pest Articles and News Sum. 21(2): 213-225.
- Mount, G. A., Pierce, N. W. and Baldwin, K. F. 1975. Droplet size of aerosols dispersed by portable and truck-mounted generators. Mosquito News 35(2):195-198.
- Rodriguez Campos, C. 1974. Determinación de residuos de pesticidas clorados en agua por captura de electrones. Bol. de la Dirección de Malaria, y San. Amb. 14(3-4):134-137.
- Rosenberg, D. M. 1975. Fate of dieldrin in sediment, water, vegetation, and invertebrates of a slough in central Alberta, Canada. Quaestiones Ent. 11(1):69-96.
- Rosenberg, D. M. 1975. Food chain concentration of chlorinated hydrocarbon pesticides in invertebrate communities: a re-evaluation. Quaestiones Ent. 11(1):97-110.
- Ware, G. W., Cahill, W. P. and Estes, B. J. 1975. Pesticide drift: aerial applications comparing conventional flooding vs. Raindrop™ nozzles. J. Econ. Ent. 68(3):329-330.
- World Health Organization. 1975. Chemical and biochemical methodology for the assessment of hazards of pesticides for man. Report

of a WHO Scientific Group. WHO Tech. Rpt. Ser. No. 560, 26 pp.

World Health Organization. 1975. Ecology and control of vectors in public health. Twenty-first report of the WHO Expert Committee on Insecticides. WHO Tech. Rpt. Ser. No. 561, 34 pp. [Mosquitoes included.]

### TOXICOLOGY

World Health Organization. 1975. Information circular on the toxicity of pesticides to man. VBC/TOX/75.15, 31 pp.

### BEHAVIOR, BIOLOGY AND ECOLOGY

- Bailey, C. L. and Gould, D. J. 1975. Flight and dispersal of Japanese encephalitis vectors in Northern Thailand. Mosquito News 35(2): 172-178.
- Beklemishev, V. N., Olifan, V. I. and Ivanova, L. V. 1974. Places of development of the aquatic stages of bloodsucking Diptera (a hydrobiological outline). In Guide to Medical Entomology (edited by Derbeneva-Ukova, V. P.) pp. 34-47, Moscow. In Rus.
- Chubachi, R. 1974. Studies on the resting habits of mosquitoes, *Culex tritaeniorhynchus*, in rural area. Tohoku Univ. Sci. Rpt. Ser. (Biol.) 4(37):19-31.
- Davies, J. B. 1975. Moonlight and the biting activity of *Culex (Melanoconion) portesi* Senevet and Abonnenc and *C. (M.) taeniopterus* D. and K. (Diptera, Culicidae) in Trinidad forests. Bul. Ent. Res. 65(1):81-96.
- Dix, V. 1972. Beiträge zur Stechmücken-Fauna (Dipt., Culicidae) der Landschaften zwischen Unterharzhochfläche, Unstrutniederung und mittlerer Elbe. 5. Jahreszeitliche Abundanz, Biotopbindung, biogeographische Verteilung und Tagesaktivität der *Aedes*-arten. Hercynia N. F. (Leipzig) 9(4):423-426.
- Elkaïm, B. 1972. Contribution à l'étude écologique et biologique de culicides. *Aedes detritus* Haliday, *Aedes caspius* Pallas. Soc. des Sci. Nat. et Physique du Maroc Bul. 52(3-4):197-204.
- Ellis, R. A. and Brust, R. A. 1975. Mosquitoes of Manitoba. Gourmets of the great outdoors. Manitoba Nature Spring 1975:14-17.
- Fox, I. 1975. *Aedes aegypti* reared from dry artificial habitats during drought in Puerto Rico in 1974. Mosquito News 35(2):202-203.
- Gillies, M. T. 1975. Nocturnal mating in *Mansonia (Mansonioides)* spp. Mosquito News 35(2):226.
- Gillies, M. T. and Wilkes, T. J. 1975. Long range orientation of *Mansonia (Mansonioides)* males to animal hosts. Mosquito News 35(2): 226-227.
- Grinfeld, E. K. 1974. Mosquitoes pollinate flowers. Zashch. Rast. 1:39-40. In Rus.
- Hwang, Y. S., Mulla, M. S. and Arias, J. R. 1974. Overcrowding factors of mosquito larvae. IV. Structure-activity relationships of 2-substituted aliphatic carboxylic acids against mosquito larvae. J. Agr. and Food Chem. 22(6):1004-1006.
- Iglisch, V. I. 1974. Bestimmungstabellen für die einheimischen Stechmückengattungen nach Art der Brutbiotope und der Verhaltensweise der Imagines. (Mit Hinweisen zur hygienischen Bedeutung und Bekämpfung). Prakt. Schadlingsbekämpfer 26(5):55-59.
- Jolivet, P. H. A., Self, L. S. and Wada, Y. 1975. Studies on the over-wintering of *Culex tritaeniorhynchus* Giles, 1901 in the Republic of Korea. WHO/VBC/75.514, 5 pp.
- Jones, M. D. R. and Reiter, P. 1975. Entrainment of the pupation and adult activity rhythms during development in the mosquito *Anopheles gambiae*. Nature (London) 254 (5497):242-244.
- Jupp, P. G. 1975. Further studies on the over-wintering stages of *Culex* mosquitoes (Diptera: Culicidae) in the highveld region of South Africa. Ent. Soc. Southern Afr. J. 38(1): 89-97.
- Lowe, R. E. and Coauthors. 1975. Studies on flight range and survival of *Anopheles albimanus* Wiedemann in El Salvador. II. Comparisons of release methods with sterile and normal adults in wet and dry seasons. Mosquito News 35(2):160-168.
- Markovich, N. Ya. 1974. Mosquito (Family Culicidae). Ecology and medical importance. The non-carriers of malaria (subfamily Culicinae). In Guide to Medical Entomology (edited by Derbeneva-Ukova, V. P.) pp. 103-133. Moscow. In Rus.
- Mas, J. P. and Simonneau, P. 1973. Les groupements végétaux et les culicides sur le littoral charentais et vendéen. Soc. des Sci. Nat. de Charente-Maritime Ann. 5(5):351-378.
- Neves, D. P. and Silva, J. E. 1974. Biological aspects of Culicinae from Parque das Mangabeiras, Belo Horizonte: II. Domesticity and vertical distribution in the forest. III. Host preference and time of biting. Arq. Esc. Vet. Belo Horizonte) 26(1):45-50; 26(2):235-241. In Por., Engl. Sum.
- Provost, M. W. 1973. Mosquito flight and night relative humidity in Florida. Fla. Scientist 36(2-4):217-225.
- Rioux, J. A., Kchouk, M., Croset, H. and Osman, F. B. 1974. Presence of autogenous characteristic in a Tunisian population of *Culiseta (C.) subochrea* (Edw., 1921) (Diptera-Culicidae). Ann. de Parasitol. Humaine et Compar. 49(3):373-375. In Fr.
- Sato, S. and Takahashi, H. 1974. Ecological studies on the mosquito larvae in tree holes in the forest of the Moiwa area in the Shakotan Peninsula. Hokkaido Univ. Educ. J. (Sect. IIB) 25(1):1-10. In Jap., Engl. Sum.
- Schumann, W. 1974. Studies on the laboratory

- mating habits of the mosquito *Culex pipiens*. J. Ent. Ser. A. 49(1):89-96.
- Sharma, V. P. 1975. Rate of insemination of female *Culex pipiens fatigans* Wied. moving from wells to the village. WHO/VBC/75.525, 5 pp.
- Shipitsina, N. K. and Beklemishev, V. N. 1974. Mosquitoes (Family Culicidae). Ecology and medical importance. The malaria carriers (subfamily Anophelinae, genus *Anopheles*). In Guide to Medical Entomology (edited by Derbeneva-Ukova, V. P.) pp. 79-103, Moscow. In Rus.
- Subra, R. and Hebrard, C. 1975. Ecology of *Culex pipiens fatigans* larvae in an area of high endemicity of bancroftian filariasis. Tropenmed. u. Parasitol. 26(1):48-59. In Fr., Engl. Sum.
- Subra, R., Ralamboson, D. and Rajaonarivelo, E. 1975. Stockage de l'eau et anophélisme dans l' Androy (sud de Madagascar). Cah. Med. de Madagascar 1(2):73-77. Engl. Sum.
- Trimble, R. M. and Thorsteinson, A. J. 1974. Habitat and seasonal distribution of *Aedes* mosquitoes at Pinawa, Manitoba as a rational basis for mosquito abatement. Center for Settlement Studies, Univ. of Manitoba Ser. 2: Research Rpt. No. 21, 36 pp.
- Valder, S. M. 1974. Insect and rodent surveillance and control measures survey Hickman AFB, Hawaii. USAF 1st Med. Serv. Wing (PACAF) 1MSEW-ENT-74-178, 11 pp. [Problem with *Culex pipiens quinquefasciatus* breeding in sugar cane and affecting the base.]
- Wagner, V. E. and Newson, H. D. 1975. Mosquito biting activity in Michigan state parks. Mosquito News 35(2):217-222.
- Wood, C. S. 1974. Preferential feeding of *Anopheles gambiae* mosquitoes on human subjects of blood group O: a relationship between the ABO polymorphism and malaria vectors. Human Biol. 46(3):385-404.
- See also Gabinaud et al. in Techniques Section.
- quito *Aedes aegypti*. Heredity 34(1):53-59.
- Newton, M. E., Southern, D. I. and Wood, R. J. 1974. X and Y chromosomes of *Aedes aegypti* (L.) distinguished by Giemsa C-banding. Chromosoma 49(1):41-49.
- Pasteur, N. 1975. Les leucine-amino-peptidases du moustique *Culex pipiens*: génétique formelle d'un locus chez l'imago. Compt. Rend. Sér. D. Sci. Nat. 280(1):113-116.
- Robinson, A. S. 1975. A reassessment of the use of chromosome inversions for insect control. J. Heredity 66(1):35-37. [Includes mosquitoes.]
- Rutledge, L. C., Khan, A. A., Skidmore, D. L. and Maibach, H. I. 1975. Genetic transmission of host-seeking behavior in colonized *Aedes aegypti* (L.). Mosquito News 35(2): 189-194.
- Sakai, R. K., Iqbal, M. P. and Baker, R. H. 1974. The genetics of Stripe, a new morphological mutant in the malaria mosquito, *Anopheles stephensi*. Canad. J. Genet. and Cytol. 16(3):669-675.
- Singh, K. R. P., Razdan, R. K., Vaidyanathan, V. and Malhotra, P. R. 1975. Caging, marking and transportation of *Culex pipiens fatigans* Wied. for large scale genetic control operations. WHO/VBC/75.524, 11 pp.
- Terry, P. H., Borkovec, A. B., Pillai, M. K. K. and Bhasin, V. K. 1975. Uptake and metabolism of the chemosterilants hempa and thio-hempa by larvae, pupae and adults of *Aedes aegypti* (L.) (Diptera: Culicidae). J. Med. Ent. 12(1):57-59.
- Tiepolo, L., Fraccaro, M., Laudani, U. and Diaz, G. 1975. Homologous bands on the long arms of the X and Y chromosomes of *Anopheles atroparvus*. Chromosoma 49(4):371-374.
- Yasuno, M. and Coauthors. 1975. A control experiment with chemosterilized male *Culex pipiens fatigans* Wied. in a village near Delhi surrounded by a breeding-free zone. WHO/VBC/75.522, 24 pp.

#### GENETICS AND GENETIC CONTROL

- Baker, R. H. and Sakai, R. K. 1974. A temperature sensitive eye-color mutant in a mosquito. J. Heredity 65(6):359-361.
- Bracken, G. K. and Maw, M. G. 1975. Field test of an autocidal control method with the feral mosquito *Culex restuans* (Diptera: Culicidae). Canad. Ent. 107(5):465-470.
- Curtis, C. F. and Coauthors. 1975. Simulation of alternative genetic control systems for *Aedes aegypti* in outdoor cages and with a computer. WHO/VBC/75.516, 12 pp.
- Dennhöfer, L. 1975. Die Speicheldrüsenchromosomen der Stechmücke *Culex pipiens* L. IV. Der chromosomale Geschlechtsdimorphismus. Genetica 45(2):163-175. Engl. Sum.
- Margham, J. P. and Wood, R. J. 1975. A genetical study of DDT resistance in the mos-

#### ANATOMY, MORPHOLOGY AND PHYSIOLOGY

- Bhattacharya, N. C. and Tandon, T. 1972. The pupae of vector mosquitoes. Calcutta School Trop. Med. Bul. 20(3):48-49.
- Boo, K. S. and McIver, S. B. 1975. Fine structure of sunken thick-walled pegs (sensilla ampullacea and coeloconica) on the antennae of mosquitoes. Canad. J. Zool. 53(3):262-266.
- Briegel, H. and Freyvogel, T. A. 1971. Non-specific esterases during development of culicine mosquitoes. Acta Tropica 28(3):291-298.
- Davis, E. E. and Sokolove, P. G. 1975. Temperature responses of antennal receptors of mosquito, *Aedes aegypti*. J. Compar. Physiol. A 96(3):223-236.
- Geering, K. and Freyvogel, T. A. 1974. The distribution of acetylcholine and unspecific

- esterases in the midgut of female *Aedes aegypti* L. *Compar. Biochem. and Physiol.* 49(4B): 775-784.
- Hagedorn, H. H. 1974. The control of vitellogenesis in the mosquito, *Aedes aegypti*. *Amer. Zool.* 14(4):1207-1217.
- Lakshmi, M. B., Kundra, S. and Subrahmanyam, D. 1974. Trehalase of *Culex pipiens fatigans*. *Indian J. Biochem. and Biophysics* 11(3):213-215.
- Lounibos, L. P. and Bradshaw, W. E. 1975. A second diapause in *Wyeomyia smithii*: seasonal incidence and maintenance by photoperiod. *Canad. J. Zool.* 53(2):215-221.
- Maier, W. A. and Nassif-Makki, H. 1975. The metabolism of C14-labeled phenylalanine and tyrosine in malaria-infected *Culex* females. *Z. f. Parasitenkunde* 46(1):69-74. In Ger., Engl. Sum.
- McCelland, G. A. H. 1974. A worldwide survey of variation in scale pattern of the abdominal tergum of *Aedes aegypti* (L.) (Diptera: Culicidae). *Roy. Ent. Soc. London Trans.* 126(2):239-259.
- McMeans, E., Yang, T. K., Anderson, L. E. and Jenkin, H. M. 1975. Comparison of lipid composition of *Aedes aegypti* and *Aedes albopictus* cells obtained from logarithmic and stationary phases of growth. *Lipids* 10(2):99-104.
- Nayar, J. K. and Sauerman, D. M., Jr. 1975. The effects of nutrition on survival and fecundity in Florida mosquitoes. Part 1. Utilization of sugar for survival. Part 2. Utilization of a blood meal for survival. *J. Med. Ent.* 12(1): 92-98; 99-103.
- Rempel, J. G. 1975. The evolution of the insect head: the endless dispute. *Quaestiones Ent.* 11(1):7-24.
- Shipitsina, N. K. and Vinogradskaya, O. N. 1974. Mosquitoes (Family Culicidae). External and internal structure. In *Guide to Medical Entomology* (edited by Derbeneva-Ukova, V. P.) pp. 47-79, Moscow. In Rus.
- Troy, S., Anderson, W. A. and Spielman, A. 1975. Lipid content of maturing ovaries of *Aedes aegypti* mosquitoes. *Compar. Biochem. and Physiol.* 50(3B):457-461.
- Zaslavskii, V. A. 1974. The principles of photoperiodic control of arthropod development. *Zhur. Obshch. Biol.* 35(5):717-736. In Rus., Engl. Sum.
- See also Yang et al. in *Techniques—Tissue Culture Section*.
- ### TECHNIQUES
- Amsden, R. C. 1975. A graphical method of estimating the volume median diameter of a spray spectrum. *Pest Articles and News Sum.* 21(1):103-108.
- Asman, S. M. 1975. Reduced temperature and embryonation delay in *Culex tarsalis*. *Mosquito News* 35(2):230-231.
- Beckett, E. B. 1975. An improved method for sectioning the mosquito thorax. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):18.
- Evans, F. D. S. 1975. A low-cost multiple event recorder for behavioral research. *Ent. Soc. Amer. Ann.* 68(3):398-400.
- Gabinaud, A., Croset, H., Cousserans, J. and Rioux, J. A. 1975. Écologie de deux *Aedes* halophiles, *Aedes (O.) caspius* (Pallas, 1771) et *Aedes (O.) detritus* (Haliday, 1833) dans le midi de la France. I.—Structure chorionique et critères d'identification des deux espèces au stade œuf. *Ann. de Parasitol.* 50(1):123-130. Engl. Sum.
- Miller, D. R. 1974. Sensitivity analysis and validation of simulation models. *J. Theoret. Biol.* 48(2):345-360. [Mosquito population dynamics.]
- Nguyen-Dang-Que, Dinh-Van-Rung and Chow, C. Y. 1974. *Aedes* mosquito surveillance in the Republic of Vietnam. *Southeast Asian J. Trop. Med. and Pub. Health* 5(4):569-573.
- Quinlan, J. K. 1975. A laboratory model thermal aerosol generator. *J. Econ. Ent.* 68(2):273-275.
- Townson, H. 1975. A device for inoculating mosquitoes with larval filariae. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):12-13.
- Van Handel, E. 1975. Direct determination of uric acid in fecal material. *Biochem. Med.* 12(1):92-93. [Method used to study periodic excretion of uric acid in individual blood-fed mosquitoes.]
- Wada, Y., Suenaga, O. and Miyagi, I. 1975. Dispersal experiment of *Aedes togoi*. *Trop. Med. (Nagasaki)* 16(3):137-146. Jap. Sum.
- Wade, J. O. 1975. An improved method for the membrane feeding of mosquitoes. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):19.
- Yanes de Ramirez, A. I. 1974. Design of a simulated model for studying a population of anophelines. *Rev. Fac. Agron. (Univ.) Cent. Venez.* 7(4):75-88. In Sp., Engl. Sum.
- ### Techniques—Tissue Culture
- Bailey, L., Newman, J. F. E. and Porterfield, J. S. 1975. The multiplication of Nodamura virus in insect and mammalian cell cultures. *J. General Virol.* 26(1):15-20. [*Aedes aegypti* and *A. albopictus*.]
- Cory, J. and Yunker, C. E. 1974. Rickettsial plaques in mosquito cell monolayers. *Acta Virologica* 18(6):512-513.
- Spradling, A., Hui, H. and Penman, S. 1975. Two very different components of messenger RNA in an insect cell line. *Cell* 4(2):131-137. [*Aedes albopictus*.]
- Yang, T. K., McMeans, E., Anderson, L. E. and Jenkin, H. M. 1974. Sphingophospholipids of species of *Aedes* and *Culex* mosquito cells cultivated in suspension culture from logarithmic and stationary phases of growth. *Lipids* 9(12):1009-1013.

- Yunker, C. E. and Cory, J. 1975. Plaque production by arboviruses in Singh's *Aedes albopictus* cells. *Appl. Microbiol.* 29(1):81-89.
- ### TAXONOMY
- Adames, A. J. and Galindo, P. 1975. Description of the immature stages of *Galindomyia leei* Stone and Barreto, 1969. *Mosquito Systematics* 7(2):132-136.
- Berlin, O. G. W. 1975. Description of the male and the pupa of *Aedes (Howardina) lorraineae* Berlin, with a note on the Quadrivittatus Group (Diptera, Culicidae). *Mosquito Systematics* 7(2):127-131.
- Chen, C. Y. 1974. Studies on morphology of the cibarium in culicine mosquitoes. II. Some *Culex* mosquitoes of Taiwan belonging to subgenera *Lophoceroomyia*, *Eumelanomyia*, and *Culiciomyia*. *Formosan Med. Assoc. J.* 73(9): 511-525.
- Ferrara, L. and Eouzan, J. P. 1974. Description de deux nouveaux *Eretmapodites*, du groupe *oedipodus* Graham, 1909 (Diptera, Culicidae) découverts au Cameroun. *Ent. Méd. Parasitol. Cah.* 12(4):259-262. In Fr., Engl. Sum. [*E. rickenbachi* and *E. adami* n. spp.]
- Gutsevich, A. V. 1975. The determination of mosquito females (Culicidae) by microscopic preparations of the head. III. A key to species (excluding *Aedes*). *Mosquito Systematics* 7(2):153-163.
- Gutsevich, A. V. 1975. The determination of mosquito females (Culicidae) by microscopic preparations of the head. IV. A key to species of the genus *Aedes*. *Mosquito Systematics* 7(2):164-173.
- Macko, J. K. 1975. On universality, specificity and unequivocality of species. (A—introduction). I. On some problems of species. *Bio- logia (Bratislava)* 30(2):139-145. [Includes *Anopheles*.]
- Marks, E. N. 1975. A note on scale distribution in *Aedeomyia* Theobald. *Mosquito Systematics* 7(2):111-112.
- Reinert, J. F. 1975. Mosquito generic and subgeneric abbreviations (Diptera: Culicidae). *Mosquito Systematics* 7(2):105-110.
- Tanaka, K., Mizusawa, K. and Saugstad, E. S. 1975. ADDENDUM TO: A new species of the genus *Aedes* (*Aedes*) from Japan, with synonymous notes on Japanese species of the subgenus *Aedes* (Diptera, Culicidae). *Mosquito Systematics* 7(2):174-177. [Includes tables omitted from original reference: *ibid.* 7(1):41-58.]
- See also Carpenter et al. in Distribution Section.
- ### DISTRIBUTION
- Adames, A. J. and Arzube, R., M. E. 1975. Geographical extension of *Galindomyia leei* Stone and Barreto to Ecuador (Diptera, Culicidae). *Mosquito Systematics* 7(2):113-114.
- Bhat, H. R. 1975. A survey of haematophagous arthropods in western Himalayas, Sikkim and Hill Districts of West Bengal: records of mosquitoes collected from Himalayan region of West Bengal and Sikkim with ecological notes. *Indian J. Med. Res.* 63(2):232-241.
- Carpenter, S. J. 1974. Review of recent literature on mosquitoes of North America. Supplement II. *Calif. Vector Views* 21(12):73-99.
- Carpenter, S. J. and LaCasse, W. J. 1955. *Mosquitoes of North America (north of Mexico)*. 360 pp., Berkeley, Los Angeles and London. Univ. Calif. Press. [This has been reprinted in 1974 and is again available.]
- Gjullin, C. M. and Eddy, G. W. 1972. The mosquitoes of the Northwestern United States. U. S. Dept. Agr. Tech. Bul. 1447, 111 pp. [This second printing of the Bulletin was released in 1975].
- Margalit, J. and Tahori, A. S. 1974. An annotated list of mosquitoes in Israel. *Israel J. Ent.* 9:77-91.
- McDaniel, I. N. 1975. A list of Maine mosquitoes including notes on their importance as pests of man. *Mosquito News* 35(2):232-233.
- Nagel, H. G. 1975. Mosquito populations in the Kearney vicinity 1973-1974 with a note on control considerations. *Platte Valley Review (Nebraska)* 2:17-33.
- Panday, R. S. 1975. Mosquito identification studies in a savanna forest in Surinam. *Mosquito News* 35(2):141-146.
- Roman, E. and Pichot, J. 1974. Le moustique *Culiseta alaskaensis alaskaensis* (Diptères Culicidae) en Dombes. *Ann. de Parasitol. Humaine et Compar.* 49(4):501-504. In Fr., Engl. Sum.
- Sheremet, V. P. 1975. Detection of *Aedes vexans nipponi* Theob. (Diptera, Culicidae) in the Ukraine. *Med. Parazit. i Parazit. Bolezni* 44(1):100. In Rus., Engl. Sum.
- Tovornik, D. 1974. Notes on the mosquito (Culicidae) fauna in Slovenia and host preferences in some species. *Acta Entomologica Jugoslavica* 10(1-2):85-89. In Ser., Engl. Sum.
- Zolotov, P. E. 1975. On the occurrence of *Culex pipiens molestus* Forsk. in the settlements of the Leningrad district. *Parazitologiya* 9(2):201-202. In Rus., Engl. Sum.
- ### SEVERAL DISEASES
- Black, F. L. and Coauthors. 1974. Evidence for persistence of infectious agents in isolated human populations. *Amer. J. Epidemiol.* 100(3):230-250. [Includes arboviruses and malaria.]
- Howard-Jones, N. 1975. The scientific background of the International Sanitary Confer-

- ences 1851-1938. History of International Public Health No. 1, 110 pages, Geneva. [Includes malaria and yellow fever.]
- Nowell, W. R. 1975. International quarantine for control of mosquito-borne diseases on Guam. Advisory Group for Aerospace Research and Development Pre-Print No. 169, pp. A11-1-8.
- Roodlyn, L. 1974. Immunization and other prophylactic measures. *Brit. Med. J.* 5945:648-650.
- ARBOVIRUSES AND OTHER VERTEBRATE VIRUSES**
- Atkins, G. J., Johnston, M. D., Westmacott, L. M. and Burke, D. C. 1974. Induction of interferon in chick cells by temperature-sensitive mutants of Sindbis virus. *J. General Virol.* 25(3):381-390.
- Atkins, G. J., Samuels, J. and Kennedy, S. I. T. 1974. Isolation and preliminary characterization of temperature-sensitive mutants of Sindbis virus strain AR 339. *J. General Virol.* 25(3): 371-380.
- Bahr, G. F., Taylor, J., Jr., Bartels, P. H. and Wied, G. L. 1974. Distinguishing normal human blood lymphocytes from lymphocytes in dengue and typhoid fever. *Virchows Arch B Cell Path.* 16(2):205-210. In Engl.
- Balfour, H. H., Jr. and Edelman, C. K. 1974. Rapid diagnosis of arbovirus infections by counterelectrophoresis. *Lancet* 7891:1267.
- Bourdin, P. and Laurent, A. 1974. Note on the ecology of African horse sickness. *Rev. Elev. Med. Vet. Pays Trop.* 27(2):163-168. In Fr.; Engl. Sum. [Mosquito vectors included.]
- Buchatskii, L. P. 1974. Poxvirus of *Aedes aegypti* L. mosquitoes. *Mikrobiol. Zh.* 36(6): 797-798. In Ukr., Engl. Sum.
- Buckley, S. M., Singh, K. R. P. and Bhat, U. K. M. 1975. Small- and large-plaque variants of chikungunya virus in two vertebrate and seven invertebrate cell lines. *Acta Virologica* 19(1):10-18.
- Camenga, D. L., Nathanson, N. and Cole, G. A. 1974. Cyclophosphamide-potentiated West Nile viral encephalitis: relative influence of cellular and humoral factors. *J. Infect. Dis.* 130(6):634-641.
- Colbère, F. and Hannoun, C. 1974. Viral specific RNA synthesis in Sindbis infected "*Aedes albopictus*" mosquito cells. I. Evidence for a 18S RNA species in infected cells. *Ann. de Microbiol.* 125B(3):393-405. In Fr., Engl. Sum.
- Compans, R. W. 1974. Hemagglutination-inhibition: rapid assay for neuraminic acid-containing viruses. *J. Virology* 14(5):1307-1309. [Sindbis.]
- Dandawate, C. N. and Ghosh, S. N. 1974. Kinetic complement fixation test for rapid identification of Japanese encephalitis and West Nile viruses. *Current Sci.* 43(21):674-676.
- Dobbins, J. G. and Else, J. G. 1975. Knowledge, attitudes, and practices related to control of dengue haemorrhagic fever in an urban Malay Kampung. *Southeast Asian J. Trop. Med. and Pub. Health* 6(1):120-126.
- Dosserbach, P., Koblet, H. and Wyler, R. 1974. Inductive and noninductive effect of interferon containing preparations. *Pathologia et Microbiol. (Basel)* 43(3-4):141-142. In Ger. [Semliki Forest virus.]
- Drăgănescu, N. and Girjabu, E. 1973. Serum antibodies to B group arboviruses in apparently healthy persons of several districts in Romania. *Rev. Roumaine de Virologie* 10(3):193-197. [Includes West Nile.]
- Duda, E. and Schlesinger, M. J. 1975. Alterations in Sindbis viral envelope proteins by treating BHK cells with glucosamine. *J. Virology* 15(2):416-419.
- Eisa, M. 1974. The isolation and identification of type 9 African horse sickness virus in the Sudan. *Brit. Vet. J.* 130(6):606-610.
- Falker, W. A., Jr., Diwan, A. R. and Halstead, S. B. 1975. A lipid inhibitor of dengue virus in human colostrum and milk; with a note on the absence of anti-dengue secretory antibody. *Arch. Virology* 47(1):3-10.
- Feinsod, F. M., Spielman, A. and Warner, J. L. 1975. Neutralization of Sindbis virus by antisera to antigens of vector mosquitoes. *Amer. J. Trop. Med. and Hyg.* 24(3):533-536.
- Filipe, A. R., de Carvalho, R. G., Relvas, A. and Casaca, V. 1975. Arbovirus studies in Angola: serological survey for antibodies to arboviruses. *Amer. J. Trop. Med. and Hyg.* 24(3):516-520.
- Follett, E. A. C., Pringle, C. R. and Pennington, T. H. 1975. Virus development in enucleate cells: echovirus, poliovirus, pseudorabies virus, reovirus, respiratory syncytial virus and Semliki Forest virus. *J. General Virol.* 26(2):183-196.
- Fomina, A. N. and Shubladze, A. K. 1975. Interferon production in vitro by leukocytes in response to arbovirus infection. *Voprosy Virusologii* 20(3):302-305. In Rus., Engl. Sum. [Semliki Forest virus.]
- Fujita, N., Tamura, M. and Hotta, S. 1975. Dengue virus plaque formation on microplate cultures and its application to virus neutralization. *Soc. Expt. Biol. and Med. Proc.* 148(2): 472-475.
- Gaidamovich, S. Ya. and Coauthors. 1975. Identification of a group A arbovirus isolated in the Far East. *Voprosy Virusologii* 20(3): 317-320. In Rus., Engl. Sum. [Strains isolated from *Aedes vexans* and *Culex pipiens*.]
- Gutiérrez, V. E., Calisher, C. H., Maness, K. S. C. and Lord, R. D. 1975. Aislamiento de virus del grupo Anopheles A en Guatemala. *Bol. Ofic. Sanit. Panamer.* 78(5):439-444. Engl. Sum.
- Harrison, S. C., Jack, A., Goodenough, D. and Sefton, B. M. 1974. Structural studies of

- spherical viruses. *J. Supramolecular Structure* 2(4):486-495. [Includes Sindbis.]
- Hoff, G. L., Trainer, D. O. and Glazener, W. C. 1974. Arthropod-transmitted viruses in South Texas cattle and wildlife. *Southwest. Vet.* 27(1):55-60. [Antrypod in original.]
- Ibrahim, S. H., Darwish, M. A., Wahdan, M. H. and El-Ghoroury, A. A. A. 1974. Survey for antibodies against group B arboviruses in man in Kuwait. *Egypt. Publ. Health Assoc. J.* 49(2):77-95.
- Joubert, L. and Oudar, J. 1974. La méningo-encéphalite à virus West-Nile du cheval dans le midi Méditerranéen de la France. *Soc. des Sci. Vét. et Méd. Compar. Bul.* 76(4):255-260.
- Karabatsos, N. 1975. Antigenic relationships of group A arboviruses by plaque reduction neutralization testing. *Amer. J. Trop. Med. and Hyg.* 24(3):527-532.
- Keränen, S. and Kääriäinen, L. 1974. Isolation and basic characterization of temperature-sensitive mutants from Semliki Forest virus. *Acta Path. et Microbiol. Scand. Sect. B* 82(6):810-820.
- Kos, K. A., Osborne, B. A. and Goldsby, R. A. 1975. Inhibition of group B arbovirus antigen production and replication in cells enucleated with cytochalasin B. *J. Virology* 15(4):913-917.
- Kurogi, H. and Coauthors. 1975. Serologic evidence for etiologic role of Akabane virus in epizootic abortion-arthrogryposis-hydranencephaly in cattle in Japan, 1972-1974. *Arch. Virology* 47(1):71-83.
- Lathrop, G. D. and Homme, P. J. 1975. An epidemic of chikungunya in the Philippine Islands: possible role of aircraft dissemination. Advisory Group for Aerospace Research and Development Pre-Print No. 169, 6 pp.
- Makino, Y. and Mifune, K. 1975. Sensitivity of rapid plaque assay method of dengue virus uses. *Trop. Med. (Nagasaki)* 16(4):163-170. Jap. Sum.
- Mantani, M. and Kato, S. 1975. Relationship between virus multiplication and culture cells synchronized by excess thymidine treatment. V. Effect of chikungunya virus infection upon the host cell cycle. *Biken J.* 18(1):15-23. In Engl.
- McIntosh, B. M. 1975. Mosquitoes as vectors of viruses in Southern Africa. *Dept. Agr. Tech. Ser. Ent. Memoir No. 43*, 19 pp. (Rep. South Africa).
- Mitrová, E. and Mayer, V. 1975. Inflammatory response in viral encephalitis: morphological evidence of developed perivascular infiltrate ablation following cyclophosphamide immunosuppression. *Biológia (Bratislava)* 30(3):187-196. [Sindbis virus.]
- Mooney, J. J., Dalrymple, J. M., Alving, C. R. and Russell, P. K. 1975. Interaction of Sindbis virus with liposomal model membranes. *J. Virology* 15(2):225-231.
- Olson, L. C., Sithisarn, P. and Djinawi, N. K. 1975. Role of macrophages in Wesselbron and Germiston virus infections of mice. *J. Infect. Dis.* 131(2):119-128.
- Pongpanich, B. and Coauthors. 1975. Management of shock associated with dengue haemorrhagic fever based on pathophysiological findings. *Southeast Asian J. Trop. Med. and Pub. Health* 6(1):115-119.
- Russell, P. K. 1975. Summary of the report on the Third Meeting of the PAHO Advisory Committee on Dengue. *Pan Amer. Health Organ. Bul.* 9(1):69-70.
- Samso, A., Bouloy, M. and Hannoun, C. 1975. Presence of circular ribonucleoproteins in the Lumbo virus (Bunyavirus). *Compt. Rend. Sér. D. Sci. Nat.* 280(6):779-782. In Fr.
- Schwöbel, W., Speiser, C. and Warnke, M. K. 1975. Changes of the cell type of BHK-21 lines by persistent Sindbis virus. *Zentbl. Bakteriol. Parasit. Infektionskr. u. Hyg. I. Abt. Orig. Reihe A* 231(1-3):42-46. Ger. Sum.
- Seawright, G. L., Harding, G., Thomas, F. C. and Hanson, R. P. 1974. Microculture plaque neutralization test for California arboviruses. *Appl. Microbiol.* 28(5):802-806.
- Self, L. S., Nelson, M. J., Theos, B. and Wiseso, G. 1975. A reduction in hospitalized cases of dengue haemorrhagic fever in Menado (Sulawesi), Indonesia after aerial spraying with ULV malathion to control *Aedes aegypti*. WHO/VBC/75.521, 17 pp.
- Shope, R. E. 1974. Arboviral infections and rabies. *Prev. Med.* 3(4):488-493. [*Aedes aegypti*, yellow fever and dengue.]
- Sidenko, V. P. and Grekov, V. S. 1974. On some species of migrating birds of the Western Black Sea region and their possible relationships with arboviruses. *Ornitologiya (Moskva)* 11:356-360. In Rus. [Includes mosquitoes.]
- Simpson, D. I. H. and Coauthors. 1975. Arbovirus infections in Sarawak, October 1968-February 1970: Getah virus isolations from mosquitoes. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):35-38.
- Smith, A. E., Wheeler, T., Glanville, N. and Kääriäinen, L. 1974. Translation of Semliki-Forest-virus 42-S RNA in a mouse cell-free system to give virus-coat proteins. *Eur. J. Biochem.* 49(1):101-110.
- Srichaikul, T., Punyagupta, S., Nitityanant, P. and Alkarawong, K. 1975. Disseminated intravascular coagulation in adult dengue haemorrhagic fever: report of three cases. *Southeast Asian J. Trop. Med. and Pub. Health* 6(1):106-114.
- Srirairatna, S., Bhamarapravati, N. and Onishi, S. 1974. Filamentous structures in dengue type 3 virus infected mouse neurones. *Biken J.* 17(4):183-191. In Engl.
- Stollar, V., Peleg, J. and Shenk, T. E. 1974. Temperature sensitivity of a Sindbis virus mutant isolated from persistently infected *Aedes aegypti* cell culture. *Intervirology* 2(5-6):337-344.

- Symington, J. and Schlesinger, M. J. 1975. Isolation of a Sindbis virus variant by passage on mouse plasmacytoma cells. *J. Virology* 15(4): 1037-1041.
- Tesh, R. B. 1975. Multiplication of phlebotomus fever group arboviruses in mosquitoes after intrathoracic inoculation. *J. Med. Ent.* 12(1):1-4.
- Top, F. H., Jr., Gunakasem, P., Chantrasri, C. and Supavadee, J. 1975. Serologic diagnosis of dengue haemorrhagic fever using filter paper discs and one dengue antigen. *Southeast Asian J. Trop. Med. and Pub. Health* 6(1): 18-24.
- Tsitsin, V. A., Gaidamovich, S. Ya. and Kokorev, V. S. 1975. Factors determining the antigenic activity of tissue culture arbovirus diagnostic preparations. *Voprosy Virusologii* 20(2): 206-209. In Rus., Engl. Sum.
- Tsotsos, A. S. A. 1974. Identification and typing of viruses and detection of antiviral antibodies by counterimmunolectrophoresis. *Path. et Microbiol.* 41(6):297-310. [Included Sindbis.]
- Toumi, K., Kääriäinen, L. and Soderlund, H. 1975. Quantitation of Semliki Forest virus RNAs in infected cells using equilibrium labeling. *Nucleic Acids Research* 2(4):555-565.
- Weiland, E. 1974. The antibody titer and fluorescence suitability of Semliki Forest virus immune sera. *Zentbl. Bakteriol. Parasit. Infektionskr. u. Hyg. I. Abt. Orig. Reihe A* 229(1):37-44. In Ger., Engl. Sum.
- Wyler, R. and Wiesendanger, W. 1975. The enhancing effect of copper, nickel, and cobalt ions on plaque formation by Semliki Forest virus (SFV) in chicken embryo fibroblasts. *Arch. Virology* 47(1):57-69.
- Youngner, J. S., Keleti, G. and Feingold, D. C. 1974. Antiviral activity of an ether-extracted nonviable preparation of *Brucella abortus*. *Infect. and Immunity* 10(6):1202-1206. [Semliki Forest virus.]
- See also Yunker et al. in *Techniques—Tissue Culture Section*.
- ### ENCEPHALITIS
- Animal and Plant Health Inspection Service, USDA. 1975. Reported arthropod-borne encephalitides in horses and other Equidae. Calendar year 1973. APHIS 91-26, 12 pp.
- Beketova, Z. P. and Vasileva, O. A. 1975. Evaluation of arbovirus attenuation by changes in the histamine level in the blood of immunized animals. *Voprosy Virusologii* 20(2):151-155. In Rus., Engl. Sum. [Includes EEE and VEE.]
- Calisher, C. H. and Maness, K. S. C. 1974. Virulence of Venezuelan equine encephalomyelitis virus subtypes for various laboratory hosts. *Appl. Microbiol.* 28(5):881-884.
- Campbell, J. and Hore, D. E. 1975. Isolation of Murray Valley encephalitis virus from sentinel chickens. *Austral. Vet.* 51(1):1-3.
- Chakravarty, S. K. and Coauthors. 1975. First epidemic of Japanese encephalitis studied in India—virological studies. *Indian J. Med. Res.* 63(1):77-82.
- Deryabin, P. G., Gavrilov, V. I., Loginova, N. V. and Karpova, E. F. 1975. Chronic infection of VERO cell cultures with Japanese encephalitis virus. Communication 2. Some peculiarities of changeability of a persisting virus. *Voprosy Virusologii* 20(2):235-238. In Rus., Engl. Sum.
- Dubinin, N. P., Zasukhina, G. D., Nesmashnova, V. A. and Lvova, G. N. 1975. Spontaneous and induced mutagenesis in western equine encephalomyelitis virus in chick embryo cells with different repair activity. *Natl. Acad. Sci. U.S.A. Proc.* 72(1):386-388.
- Erickson, G. A., Maré, C. J., Pearson, J. E. and Carbrey, E. A. 1974. The goat as a sentinel for Venezuelan equine encephalomyelitis virus activity. *Amer. J. Vet. Res.* 35(12):1533-1536.
- Farutina, L. M., Karmsheva, V. Ya., Karaseva, P. S. and Ivanova, R. I. 1975. Dependence of immune cytolysis of cells infected with western equine encephalomyelitis virus upon stages of the cell cycle. *Voprosy Virusologii* 20(2):186-190. In Rus., Engl. Sum.
- Filipe, A. R., Sobral, M. and Campanço, F. C. 1973. Equine encephalomyelitis by arbovirus. About a presumptive epizootic caused by the West Nile virus. *Rev. Portuguesa de Ciencias y Vet.* 68(426):90-101. In Por., Engl. Sum.
- Gavrilov, V. I., Deryabin, P. G. and Loginova, N. V. 1975. Temperature-sensitive mutants of Japanese encephalitis virus isolated from chronically infected suckling mouse brain cells. *Voprosy Virusologii* 20(3):282-287. In Rus., Engl. Sum.
- Gorelikin, L. and Jahrling, P. B. 1975. Virus-initiated septic shock. Acute death of Venezuelan encephalitis virus-infected hamsters. *Lab. Investig.* 32(1):78-85.
- Grimes, J. E. 1974. Comparison of hemagglutination inhibition and neutralizing antibody in serums from horses vaccinated with the TC-83 Venezuelan equine encephalomyelitis virus vaccine. *Southwest. Vet.* 27(2):133-136.
- Hardy, J. L., Reeves, W. C., Rush, W. A. and Nir, Y. D. 1974. Experimental infection with western equine encephalomyelitis virus in wild rodents indigenous to Kern County, California. *Infect. and Immunity* 10(3):553-564.
- Harrison, R. J., Rossier, E. and Lemieux, B. 1975. The first Canadian case of eastern equine encephalitis (EEE) observed in the eastern townships, Quebec. *Ent. Soc. Quebec Ann.* 20(1):27-32.
- Hsu, S. H., Wong, W. J. and Cross, J. H. 1975. Japanese encephalitis virus plaque formation in *Culex tritaeniorhynchus* cell monolayers. *Southeast Asian J. Trop. Med. and Pub. Health* 6(1):1-2.

- Kos, K. A., Shapiro, D., Vaituzis, Z. and Russell, P. K. 1975. Viral polypeptide composition of Japanese encephalitis virus-infected cell membranes. *Arch. Virology* 47(3):217-224.
- Lubiniecki, A. S. 1975. Replication of eastern equine encephalitis viruses (New Jersey and Louisiana strains and the Ets-4 mutant) in rabbit kidney cells. *Arch. Virology* 47(1): 21-29.
- Makino, S. and Jenkin, H. M. 1975. Effect of fatty acids on growth of Japanese encephalitis virus cultivated in BHK-21 cells and phospholipid metabolism of the infected cells. *J. Virology* 15(3):515-525.
- McLean, D. M. and Coauthors. 1975. California encephalitis virus development in mosquitoes as revealed by transmission studies, immunoperoxidase staining, and electron microscopy. *Canad. J. Microbiol.* 21(4):453-462.
- McManus, A. T. and Eddy, G. A. 1975. Increased potency of killed VEE (TC-83) vaccine in mice previously infected with EEE virus. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1): 172.
- Pavri, K. M. and Coauthors. 1975. Dual infections of mice: visceral larva migrans and sub-lethal infection with Japanese encephalitis virus. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):99-110.
- Powers, C. D. and Dickerman, R. W. 1975. Primary immunoglobulin response of herons to infection with Venezuelan encephalitis virus. *Infect. and Immunity* 11(2):303-308.
- Proctor, S. J. and Pearson, J. E. 1975. Venezuelan equine encephalomyelitis in pheasants and chukars. *J. Wildlife Dis.* 11(1):14-16.
- Sampson, G. R. and Coauthors. 1973. Clinical studies of an attenuated virus cell culture Venezuelan equine encephalomyelitis vaccine. *Modern Vet. Pract.* 54(8):21-22.
- Scherer, W. F. and Anderson, K. 1975. Antigenic and biologic characteristics of Venezuelan encephalitis virus strains including a possible new subtype, isolated from the Amazon region of Peru in 1971. *Amer. J. Epidemiol.* 101(4): 356-361.
- Scherer, W. F., Madalenoitia, J., Flores, W. and Acosta, M. 1975. Ecologic studies of Venezuelan encephalitis virus in Peru during 1970-1971. *Amer. J. Epidemiol.* 101(4):347-355.
- Scherer, W. F., Madalenoitia, J., Flores, W. and Acosta, M. 1975. The first isolations of eastern encephalitis, group C, and Guama group arboviruses from the Peruvian Amazon region of western South America. *Bol. Ofic. Sanit. Panamer.* 78(6):485-493. In Sp., Engl. Sum. Also in *Pan Amer. Health Organ. Bul.* 9(1): 19-26 in English.
- Schneider, R. J. and Coauthors. 1974. Clinical sequelae after Japanese encephalitis: a one year follow-up study in Thailand. *Southeast Asian J. Trop. Med. and Pub. Health* 5(4):560-568.
- Seth, G. P., Rodrigues, F. M. and Sarkar, J. K. 1974. The post-mortem diagnosis of Japanese encephalitis. *Indian Med. Assoc. J.* 63(2): 72-73.
- Smith, A. K. 1974. Acute polyarthritis due to arbovirus from the Murray Valley. *Med. J. Australia* 2(15):576. [Murray Valley encephalitis.]
- Sudia, W. D. and Coauthors. 1975. Arbovirus vector ecology studies in Mexico during the 1972 Venezuelan equine encephalitis outbreak. *Amer. J. Epidemiol.* 101(1):51-58.
- Sudia, W. D. and Coauthors. 1975. Epidemic Venezuelan equine encephalitis in North America in 1971: vector studies. *Amer. J. Epidemiol.* 101(1):17-35.
- Sudia, W. D. and Coauthors. 1975. Epidemic Venezuelan equine encephalitis in North America in 1971: vertebrate field studies. *Amer. J. Epidemiol.* 101(1):36-50.
- Sudia, W. D. and Newhouse, V. F. 1975. Epidemic Venezuelan equine encephalitis in North America: a summary of virus-vector-host relationships. *Amer. J. Epidemiol.* 101(1):1-13.
- U. S. Agricultural Research Service. 1974. Guarding against another VEE attack. *U. S. Dept. Agr. Res. Serv., Agr. Res.* 23(3):8-10.
- Wada, Y. 1975. Theoretical considerations on the epidemic of Japanese encephalitis. *Trop. Med. (Nagasaki)* 16(4):171-199. Jap. Sum.
- Wagner, R. J. and Coauthors. 1975. Isolations of California encephalitis virus from tundra mosquitoes. *Canada. J. Microbiol.* 21(4): 574-576.
- Walder, R. and Bradish, C. J. 1975. Venezuelan equine encephalomyelitis virus (VEEV): strain differentiation and specification of virulence markers. *J. General Virol.* 26(3):265-275.
- Yoshinaka, Y. and Shiomi, T. 1975. Agglutination of Japanese encephalitis virus with concanavalin A. *J. Virology* 15(3):671-674.

#### FILARIASIS

- Aoki, Y. and Katamine, D. 1975. Scanning electron microscopic observations on *Dirofilaria immitis*. *Trop. Med. (Nagasaki)* 17(1): 27-34. In Jap., Engl. Sum.
- Burghardt, R. C. and Foor, W. E. 1975. Rapid morphological transformations of spermatozoa in the uterus of *Brugia pahangi* (Nematoda, Filarioidea). *J. Parasitol.* 61(2):343-350.
- Denham, D. A., McGreevy, P. B. and Suswillio, R. R. 1975. Hybridization of *Brugia pahangi* and *Brugia patei*. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):13-14.
- Foresi, C. and Caroli, G. 1973. Sulla dirofilariosi cutanea autoctona in Toscana. *Arch. Ital. Sci. Med. Trop. e Parassitol.* 54(1-12):41-50. [Human and canine filariasis.]
- Govindwar, S. L., Gawande, T. S. and Harinath, B. C. 1974. Enzymes in *Wuchereria bancrofti*. *Indian J. Biochem. and Biophysics* 11(4):338-339.

- Ho, B. C. and Lavoipierre, M. M. J. 1975. Studies on filariasis. IV. The rate of escape of the third-stage larvae of *Brugia pahangi* from the mouthparts of *Aedes togoi* during the blood meal. *J. Helminthol.* 49(1):65-72.
- Jung, R. K. 1973. A brief study on the epidemiology of filariasis in Nepal. *Nepal Med. Assoc. J.* 11(5-6):155-168.
- Kobayakawa, T. and Ishiyama, H. 1974. Delayed hypersensitivity to *Dirofilaria immitis*. II. Blast transformation test. *Jap. J. Parasitol.* 23(4):226-231.
- Kobayakawa, T., Ishiyama, H. and Senda, F. 1973. Delayed hypersensitivity to *Dirofilaria immitis*. I. Migration inhibition test. *Jap. J. Parasitol.* 22(6):369-374.
- Kobayakawa, T., Kobayashi, T. and Ishiyama, H. 1974. Delayed hypersensitivity to *Dirofilaria immitis*. III. The *in vitro* cytotoxic activity of sensitized lymphocytes and their effect upon the mortality of microfilariae in diffusion chambers implanted intraperitoneally into guinea pigs. *Jap. J. Parasitol.* 23(5):300-305.
- Lambrecht, F. L. 1974. Entomological aspects of filariasis control in Sri Lanka. *WHO Bul.* 51(2):133-143. [W. bancrofti.]
- Pichon, G. 1974. Relations mathématiques entre le nombre des microfilaries ingérées et le nombre des parasites chez différents vecteurs naturels ou expérimentaux de filariose. *Ent. Méd. Parasitol. Cah.* 12(4):199-216. In Fr., Engl. Sum. [*Aedes*, *Culex* and *Wuchereria* included.]
- Pichon, G., Prod'hon, J. and Rivière, F. 1975. Study on probability distribution of microfilarial intake by mosquitoes biting human carriers. First results. *Compt. Rend. Sér. D Sci. Nat.* 280(6):717-719. In Fr.
- Ponnudurai, T., Denham, D. A. and Rogers, R. 1975. Studies on *Brugia pahangi* g. The longevity of microfilariae transfused from cat to cat. *J. Helminthol.* 49(1):25-30.
- Oostburg, B. F. J. 1974. Wuchereriasis in Surinam. *Acta Leidensia* 41, 249 pp.
- Salfield, S. 1975. Filarial arthritis in the Sepik district of Papua New Guinea. *Med. J. Australia* 1(9):264-267. [Thought to be caused by infection with *W. bancrofti*.]
- Seo, B. S. 1974. The periodicity of the microfilariae of *Brugia malayi* in Cheju Island, Korea. *Korean J. Parasitol.* 12(2):95-100. In Engl.
- Sivanandam, S., Mak, J. M. and Lai, P. F. 1975. Experimental infection of *Rattus sabanus* and *Rattus muelleri* with subperiodic *Brugia malayi*. *Southeast Asian J. Trop. Med. and Pub. Health* 6(1):68-73.
- Smith, M. W. 1975. Blood parasites detected in Trinidad livestock. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):18. [Includes *D. immitis*.]
- Suenaga, O. 1975. Studies on the filarial prevalence among dogs and the mosquito vectors in Omura City, Nagasaki Prefecture. 2. On the vector mosquitoes of the canine heartworm. *Trop. Med. (Nagasaki)* 17(1):35-40. In Jap., Engl. Sum.
- Suzuki, T. and Sone, F. 1975. Filarial infection in vector mosquitoes after mass drug administration in Western Samoa. *Trop. Med. (Nagasaki)* 16(3):147-156. Jap. Sum.
- Tomaszunas, S. and Chmielewski, J. 1975. A case of bancroftian filariasis. *Inst. Marine and Trop. Med. in Gdynia Bul.* 26(1):59-63.
- Wong, M. M. 1974. Experimental occult dirofilariasis in dogs with reference to immunological responses and its relationship to tropical eosinophilia in man. *Southeast Asian J. Trop. Med. and Pub. Health* 5(4):480-486. [*D. immitis*.]
- See also Humphrey in Cost Analysis Section.
- ### MALARIA
- Carney, W. P., Putrali, J., Masri, S. and Salludin, -. 1974. Intestinal parasites and malaria in the Bada and Gimpu areas of central Sulawesi, Indonesia. *Southeast Asian J. Trop. Med. and Pub. Health* 5(4):534-540.
- Chizze, D. O. 1974. Malnutrition and infection. Malaria, cholera and influenza in Africa. *Amer. Med. Women's Assoc. J.* 29(11):499-505.
- Conly, G. N. 1975. The impact of malaria on economic development: a case study. *Pan Amer. Health Organ. Sci. Pub. No.* 297, 117 pp.
- Cook, G. C. 1975. Relation between malaria, serum  $\gamma$ -globulin concentration and the D-xylose absorption test. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):143-145.
- Cox, F. R., Hart, L. T. and Dimopoulos, G. T. 1975. *In vitro* incorporation of  $1^{-14}\text{C}$  acetate by blood cells of normal ducks and ducks infected with *Plasmodium lophurae*. *Avian Dis.* 19(1):198-200.
- Dordevic, D. and Coauthors. 1974. Malaria—extensive and severe disease in our past. On the 1st anniversary of the proclamation of malaria eradication in our country. *Vojnosanit Pregled* 31(5):311-319. In Ser.
- Dymowska, Z. 1975. Timely problems of malaria diagnosis. *Przeglad Epidemiol.* 29(1): 65-68. Engl. Sum.
- Gabaldon, A., Ulloa, G. and de Montcourt, A. G. 1974. Encuesta sobre malaria aviar en Venezuela: resultados del primer año. *Bol. de la Dirección de Malariol. y San. Amb.* 14(3-4): 80-103. Engl. Sum.
- Gritsay, M. K. 1975. Analysis of the incidence of tropical parasitic diseases and organization of measures for their prophylaxis in the Ukrainian SSR. *Med. Parazit. i Parazit. Boleznii* 44(1):92-96. In Rus., Engl. Sum. [Includes malaria.]
- Gundelfinger, B. F. and Coauthors. 1975. Observations on malaria in Indonesian Timor. *Amer. J. Trop. Med. and Hyg.* 24(3):393-396.

- Jeffery, G. M., Warren, M., Collins, W. E. and Lobel, H. 1975. Application of the indirect fluorescent antibody method in a study of malaria endemicity in Mato Grosso, Brazil. Amer. J. Trop. Med. and Hyg. 24(3):402-411.
- Lachmajer, J. 1975. Symposium on malaria research. Inst. Marine and Trop. Med. in Gdynia Bul. 26(1):53-58.
- Lewinsohn, R. 1975. Anaemia in mice with concomitant *Schistosoma mansoni* and *Plasmodium berghei yoelii* infection. Roy. Soc. Trop. Med. and Hyg. Trans. 69(1):51-56.
- Lucarelli, P. and Coauthors. 1974. Relationship between polymorphism and acid phosphatase, favism and malaria. Assoc. Genet. Ital. Atti 19:12-13. In It.
- Moore, G. A. and Homewood, C. A. 1975. Observations on malarial and schistosomal pigment. Roy. Soc. Trop. Med. and Hyg. Trans. 69(1):10-11.
- Murray, M. J., Murray, A. B., Murray, N. J. and Murray, M. B. 1975. Refeeding-malaria and hyperferraemia. Lancet 7908:653-654.
- Neame, K. D., Homewood, C. A. and Momen, H. 1975. Effect of intraerythrocytic parasites on the permeability of the red-cell membrane. Roy. Soc. Trop. Med. and Hyg. Trans. 69(1):8.
- Nhonoli, A. M., Kihama, F. E. and Ramji, B. D. 1974. Infection rates of Tanzanian rural communities by the common parasites and some of their haematological effects. East Afr. Med. J. 51(12):829-836. [Malaria included.]
- Segal, H. E. and Coauthors. 1974. Gastrointestinal function, quinine absorption and parasite response in falciparum malaria. Southeast Asian J. Trop. Med. and Pub. Health 5(4):499-503.
- Shute, P. G. 1975. Splenectomy and susceptibility to malaria and *Babesia* infection. Brit. Med. J. 5956:516.
- Soni, J. L. and Cox, H. W. 1975. Pathogenesis of acute avian malaria. IV. Immunologic factors in nephritis of acute *Plasmodium gallinaceum* infections of chickens. Amer. J. Trop. Med. and Hyg. 24(3):431-438.
- Stickl, H. 1974. Prevention of infections during travel to foreign countries. Fortschr. Med. 92:685-690, passim. In Ger., Engl. Sum. [Includes malaria.]
- Sucharit, P. and Coauthors. 1975. Studies on coagulation and fibrinolysis in cases of falciparum malaria. Southeast Asian J. Trop. Med. and Pub. Health 6(1):33-39.
- Suzuki, M. 1974. Modification by a latent contaminant of glomerular pathology in mice infected with *Plasmodium berghei*. WHO Bul. 51(2):155-156.
- Voller, A., Bidwell, D., Huldt, G. and Engvall, E. 1974. A microplate method of enzyme-linked immunosorbent assay and its application to malaria. WHO Bul. 51(2):209-211.
- Voller, A., Huldt, G., Thors, C. and Engvall, E. 1975. Application of an enzyme-linked im-
- mune sorbent assay (E.L.I.S.A.) to malaria. Roy. Soc. Trop. Med. and Hyg. Trans. 69(1):5.
- Voller, A., Meuwissen, J. H. E. T. and Goosen, T. 1975. Application of the indirect haemagglutination test for malaria: VII. The problem of false negatives. WHO/MAL/75.846, 5 pp.
- Waddy, B. B. 1975. Research into the health problems of manmade lakes, with special reference to Africa. Roy. Soc. Trop. Med. and Hyg. Trans. 69(1):39-50. [Includes malaria.]
- WHO Division of Malaria and Other Parasitic Diseases. 1974. Manual on personal and community protection against malaria in development areas and new settlements. WHO Offset Pub. No. 10, 49 pp.
- Yoeli, M. 1974. Landmarks in malaria research (a review). Acta Tropica 31(4):321-328. See also Humphrey in Cost Analysis Section.
- Malaria—Cerebral**
- Schmid, A. H. 1974. Cerebral malaria. On the nature and significance of vascular changes. Europ. Neurol. 12(4):197-208.
- Yoeli, M., Most, H., Hargreaves, B. and Fajardo, L. 1975. Cerebral malaria in a virulent rodent plasmodial infection. Roy. Soc. Trop. Med. and Hyg. Trans. 69(1):4-5.
- Malaria Control and Eradication**
- Giglioli, G. 1974. The impact of malaria eradication on patterns of natality, mortality, and morbidity on the sugar plantations of the coastlands of Guyana, South America. West Indian Med. J. 23(3):174-187.
- Shrivastava, S. P. 1974. Public cooperation in National Malaria Eradication Programme. Patna J. Med. 48(12):433-436.
- Malaria—Immunology**
- Clyde, D. F., McCarthy, V. C., Miller, R. M. and Woodward, W. E. 1975. Immunization of man against falciparum and vivax malaria by use of attenuated sporozoites. Amer. J. Trop. Med. and Hyg. 24(3):397-401.
- Collins, W. E., Lunde, M. N. and Skinner, J. C. 1975. Development of antibodies to *Plasmodium vivax* as measured by two different serologic techniques. Amer. J. Trop. Med. and Hyg. 24(3):412-416.
- Diggs, C. L. and Osler, A. G. 1975. Humoral immunity in rodent malaria. III. Studies on the site of antibody action. J. Immunol. 114(4):1243-1247.
- Dooris, G. M. and McGhee, R. B. 1975. *Plasmodium gallinaceum*: avian immunologic tolerance to serum antigens. Expt. Parasitol. 37(1):105-107.
- Mathews, H. M., Fried, J. A. and Kagan, I. G. 1975. The indirect hemagglutination test for malaria. Evaluation of antigens prepared from *Plasmodium falciparum* and *Plasmodium vivax*. Amer. J. Trop. Med. and Hyg. 24(3):417-422.

- Miller, L. H., Aikawa, M. and Dvorak, J. A. 1975. Malaria (*Plasmodium knowlesi*) merozoites: immunity and the surface coat. *J. Immunol.* 114(4):1237-1242.
- Soni, J. L. and Cox, H. W. 1975. Pathogenesis of acute avian malaria. III. Antigen and antibody complexes as a mediator of anemia in acute *Plasmodium gallinaceum* infections of chickens. *Amer. J. Trop. Med. and Hyg.* 24(3):423-430.
- Voller, A., Huldt, G., Thors, C. and Engvall, E. 1975. New serological test for malaria antibodies. *Brit. Med. J.* 5959:659-661.
- Weidanz, W. P. and Rank, R. G. 1975. Immunosuppressive effects of experimental infection with *Plasmodium gallinaceum*. *Soc. Expt. Biol. and Med. Proc.* 148(3):725-728.
- Weidanz, W. P. and Rank, R. G. 1975. Regional immunosuppression induced by *Plasmodium berghei yoelii* infection in mice. *Infect. and Immunity* 11(1):211-212.
- Malaria—Parasites*
- Areekul, S., Thajongrak, K., Kasemsuth, R. and Matrakul, D. 1974. Erythrocyte ATP levels in mice infected with *Plasmodium berghei* malaria. *Southeast Asian J. Trop. Med. and Pub. Health* 5(4):492-498.
- Bannister, L. H., Butcher, G. A., Dennis, E. D. and Mitchell, G. H. 1975. Studies on the structure and invasive behaviour of merozoites of *Plasmodium knowlesi*. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):5.
- Beckwith, R., Schenkel, R. H. and Silverman, P. H. 1975. Qualitative analysis of phospholipids isolated from nonviable *Plasmodium* antigen. *Expt. Parasitol.* 37(2):164-172.
- Bidwell, D. and Voller, A. 1975. Counter immunoelectrophoresis studies on human malaria parasites. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):6.
- Bray, R. S. 1975. Latency in *Plasmodium vivax* infection. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):164.
- Carter, R. and Walliker, D. 1975. New observations on the malaria parasites of rodents of the Central African Republic—*Plasmodium vinckeii petteri* subsp. nov. and *Plasmodium chabaudi* Landau, 1965. *Ann. Trop. Med. and Parasitol.* 69(2):187-196. [n. subsp.]
- Dvorak, J. A., Miller, L. H., Whitehouse, W. C. and Shiroishi, T. 1975. Invasion of erythrocytes by malaria merozoites. *Science* 187(4178):748-749.
- Fernando, M. A. and Dissanaike, A. S. 1975. Studies on *Plasmodium gallinaceum* and *Plasmodium juxtanucleare* from the Malayan jungle fowl *Gallus gallus spadiceus*. *Southeast Asian J. Trop. Med. and Pub. Health* 6(1):25-32.
- Hanson, W. L. and Chapman, W. L., Jr. 1974. Comparison of the effects of neonatal thymectomy on *Plasmodium berghei*, *Trypanosoma lewisi* and *Trypanosoma cruzi* infection in the albino rat. *Z. f. Parasitenkunde* 44(3):227-238. In Engl.
- Hardy, C. L. S., Hart, L. T., Dimopoulos, G. T. and Lambremont, E. N. 1975. *Plasmodium lophurae*: quantitative *in vitro* incorporation of <sup>14</sup>C-1-acetate into lipids. *Expt. Parasitol.* 37(2):193-204.
- Jordan, H. B. 1975. The effect of host constitution on the development of *Plasmodium floridense*. *J. Protozool.* 22(2):241-244.
- Jung, A., Jackisch, R., Picard-Maureau, A. and Heischkeil, R. 1975. DNA-, RNA-, lipid-synthesis and the specific activity of the glucose-6-phosphate dehydrogenase and glucose-6-phosphatase in the different morphologic stages of *Plasmodium vinckeii*. *Tropenmed. u. Parasitol.* 26(1):27-34. In Ger., Engl. Sum.
- Lainson, R., Shaw, J. J. and Landau, I. 1975. Some blood parasites of the Brazilian lizards *Plica umbra* and *Uranoscodon superciliosus* (Iguanidae). *Parasitology* 70(1):119-141. [Includes *Plasmodium* spp.]
- Levy, M. R. and Chou, S. C. 1975. Inhibition of macromolecular synthesis in the malarial parasites by inhibitors of proteolytic enzymes. *Experientia* 31(1):52-54.
- Manandhar, M. S. P. and Van Dyke, K. 1975. Detailed purine salvage metabolism in and outside the free malarial parasite. *Expt. Parasitol.* 37(2):138-146.
- Manwell, R. D. and Rossi, G. S. 1975. Blood Protozoa of imported birds. *J. Protozool.* 22(1):124-127. [Includes *Plasmodium*.]
- Moretti, G., Favarel-Garrigues, J. C., Broustet, A. and Veyret, V. 1974. Hemoglobinuric bilious fever due to *Plasmodium falciparum* infection. Apropos of a fatal case. *Ann. de Med. Interne (Paris)* 125(5):453-457. In Fr.
- Neame, K. D., Brownbill, P. A. and Homewood, C. A. 1974. The uptake and incorporation of nucleosides into normal erythrocytes and erythrocytes containing *Plasmodium berghei*. *Parasitology* 69(3):329-335.
- Rocha e Silva, E. O. and Rodrigues, D. C. 1974. Encontro do *Plasmodium (S.) tropiduri* no estado de São Paulo, Brasil. *Rev. de Saúde Pública* 8(2):163-170. Engl. Sum.
- Seitz, H. M. 1975. Counter-current immunoelectrophoresis for the demonstration of malarial antigens and antibodies in the sera of rats and mice. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):88-90.
- Shoemaker, J. P. 1975. *Plasmodium berghei*: thyroid hyperplasia and thyroid hyperactivity in mice. *Expt. Parasitol.* 37(1):78-82.
- Siddiqui, W. A., Schnell, J. V. and Richmond-Crum, S. M. 1975. Effects of red cell extract on *in vitro* growth and multiplication of malarial parasites. *J. Parasitol.* 61(2):189-193.
- Sinden, R. E. and Croll, N. A. 1975. Cytology and kinetics of microgametogenesis and fertilization in *Plasmodium yoelii nigeriensis*. *Parasitology* 70(1):53-65.

- Speer, C. A., Rosales-Ronquillo, M. C. and Silverman, P. H. 1975. Motility of *Plasmodium berghei* ookinetes in vitro. *J. Invert. Path.* 25(1):73-78.
- Sterling, C. R., Seed, T. M., Aikawa, M. and Rabbege, J. 1975. Erythrocyte membrane alterations induced by *Plasmodium simium* infection in *Saimiri sciureus*: relation to Schuffner's dots. *J. Parasitol.* 61(2):177-188.
- Suzuki, M. 1975. Lung events in mice infected with rodent *Plasmodia*. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):20.
- Walliker, D., Carter, R. and Sanderson, A. 1975. Genetic studies on *Plasmodium chabaudi*: recombination between enzyme markers. *Parasitology* 70(1):19-24.
- Walter, R. D. and Königk, E. 1974. Biosynthesis of folic acid compounds in plasmodia. Purification and properties of the 7,8-dihydropteroate-synthesizing enzyme from *Plasmodium chabaudi*. *Hoppe-Seyler's Z. f. Physiol. Chem.* 355(4):431-437.
- Walter, R. D., Nordmeyer, J. P. and Königk, E. 1974. NADP-specific glutamate dehydrogenase from *Plasmodium chabaudi*. *Hoppe-Seyler's Z. f. Physiol. Chem.* 355(5):495-500.
- Warhurst, D. C. and Thomas, S. C. 1975. Localization of mepacrine in *Plasmodium berghei*. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):7-8.
- Williams, A. I. O., Rosen, F. S. and Hoff, R. 1975. Role of complement components in the susceptibility to *Plasmodium berghei* infection among inbred strains of mice. *Ann. Trop. Med. and Parasitol.* 69(2):179-185.
- Williamson, J. and Cover, B. 1975. The rapid isolation from human blood of concentrated, white-cell-free preparations of *Plasmodium falciparum*. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):78-87.
- Yoeli, M., Hargreaves, B., Carter, R. and Walliker, D. 1975. Sudden increase in virulence in a strain of *Plasmodium berghei yoelii*. *Ann. Trop. Med. and Parasitol.* 69(2):173-178.
- Malaria—Simian**
- Atkinson, J. P., Glew, R. H., Neva, F. A. and Frank, M. M. 1975. Serum complement and immunity in experimental simian malaria. II. Preferential activation of early components and failure of depletion of late components to inhibit protective immunity. *J. Infect. Dis.* 131(1):26-33.
- Glew, R. H. and Coauthors. 1975. Serum complement and immunity in experimental simian malaria. I. Cyclical alterations in C4 related to schizont rupture. *J. Infect. Dis.* 131(1):17-25.
- Malaria—Therapeutics and Antimalarials**
- Bafort, J. M. and Voller, A. 1975. The effect of a new anti-malarial compound on *Plasmo-* dium falciparum in *Aotus*. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):4.
- Balda, F. V. 1975. Chemotherapy in areas of persistent malarial transmission and resistance of *Plasmodium falciparum* to chloroquine in Panama. *Bol. Ofic. Sanit. Panamer.* 78(6): 531-541. In Sp., Engl. Sum.
- Belghiti, J., Belghiti, D., Amédome, A. and Durand, H. 1975. Chloroquine intoxication with cardiac involvement. *Nouvelle Presse Médicale* 4(13):971.
- Carraz, C., Bercl, H., Elhalou, O. and Vincent, G. 1974. Effets de l'amidification de la pyriméthamine par l'acide dipropylacétique. I<sup>e</sup> note: diminution de la toxicité maintien de l'activité sur *Plasmodium berghei*, augmentation de l'activité sur le Toxoplasme RH de Sabin. *Eur. J. Medicinal Chem.* 9(6):658-659.
- Chinese Medical Journal. 1974. Anti-malarial agent, tripiperazine. *Chinese Med. J.* 8:488-492. In Chin., Engl. Sum. p. 142.
- Davidson, M. W., Griggs, B. G., Jr., Boykin, D. W. and Wilson, W. D. 1975. Mefloquine, a clinically useful quinolinemethanol anti-malarial which does not significantly bind to DNA. *Nature (London)* 254(5501):632-634.
- David-West, A. S. 1974. Relapses after withdrawal of proguanil treatment in tropical splenomegaly syndrome. *Brit. Med. J.* 5929: 499-501.
- Davies, E. E., Warhurst, D. C. and Peters, W. 1975. The chemotherapy of rodent malaria, XXI. Action of quinine and WR122,455 (a 9-phenanthrenemethanol) on the fine structure of *Plasmodium berghei* in mouse blood. *Ann. Trop. Med. and Parasitol.* 69(2):147-153.
- Fletcher, K. A., Baty, J. D., Price Evans, D. A. and Gilles, H. M. 1975. Studies on the metabolism of chloroquine in rhesus monkeys and human subjects. *Roy. Soc. Trop. Med. and Hyg. Trans.* 69(1):6.
- Gon, F. and Reid, F. P. 1975. A case of recurrent subacute disseminated intravascular coagulation associated with malaria prophylaxis. *South Afr. Med. J.* 49(4):120-122.
- Hall, A. P., Doberstyn, E. B., Mettaprakong, V. and Sonkom, P. 1975. Falciparum malaria cured by quinine followed by sulfadoxine-pyrimethamine. *Brit. Med. J.* 5961:15-17.
- Kamel, Z. A. 1974. Malaria prophylactic drug trial in Western Nigeria. *Egypt. Pub. Health Assoc. J.* 49(2):107-116.
- Pearson, D. E. and Rosenberg, A. A. 1975. Potential antimalarials. 9. Resolution of  $\alpha$ -diheptylamonomethyl-6-bromo-9-phenanthrenemethanol by an unusual method. *J. Medicinal Chem.* 18(5):523-524.
- Peck, C. C., Lewis, A. N. and Joyce, B. E. 1975. Pharmacokinetic rationale for a malarial suppressant administered once monthly. *Ann. Trop. Med. and Parasitol.* 69(2):141-146.
- Peters, W., Portus, J. H. and Robinson, B. L. 1975. The chemotherapy of rodent malaria,

**XXII.** The value of drug-resistant strains of *P. berghei* in screening for blood schizontocidal activity. Ann. Trop. Med. and Parasitol. 69(2):155-171.

Petter, C. and Bourbon, J. 1975. Foetal red cell macrocytosis induced by pyrimethamine; its teratogenic role. Experientia 31(3):369-370.

Reid, H. A. 1975. Adjuvant treatment of severe falciparum malaria, intravascular coagulation, and heparin. Lancet 7899:167-168.

Richards, W. H. G. and Williams, S. G. 1975. Malaria studies *in vitro*. III. The protein synthesising activity of *Plasmodium falciparum* *in vitro* after drug treatment *in vivo*. Ann. Trop. Med. and Parasitol. 69(2):135-140.

Segal, H. E. and Coauthors. 1975. Comparison of diaminodiphenylsulphonypyrimethamine and sulfa-doxine-pyrimethamine combinations in the treatment of falciparum malaria in Thailand. Roy. Soc. Trop. Med. and Hyg. Trans. 69(1): 139-142.

Srichaikul, T. and Coauthors. 1975. Complement changes and disseminated intravascular coagulation in *Plasmodium falciparum* malaria. Lancet 7910:770-772.

Tsukamoto, M., Yamaguchi, K., Tsuneda, K. and Nakabayashi, T. 1975. Field trials of biochemical blood examination in relation to chemotherapy of malaria patients in Palawan island, the Philippines. Trop. Med. (Nagasaki) 17(1):13-26. Jap. Sum.

Villarejos, V. M., Rodríguez, A., A. and Gutiérrez D., A. 1975. Chloroquine and HBsAg carrier status. Lancet 7909:745-746.

Wislicki, L. 1974. New medicines for malaria. Harefuah 87(11):520. In Heb.

#### *Malaria—Antimalarials—Resistance*

Chu, S. M. 1974. Drug resistance in *Plasmodium* and the development of antimalarial agents. Chinese Med. J. 8:504-507. In Chin.

Dondoro, T. J., Jr. and Coauthors. 1974. Preliminary survey for chloroquine resistant malaria in parts of North Sumatra, Indonesia. Southeast Asian J. Trop. Med. and Pub. Health 5(4):574-578.

Hall, A. P., Doberstyn, E. B., Nanakorn, A. and Sonkom, P. 1975. Falciparum malaria semi-resistant to clindamycin. Brit. Med. J. 5961: 12-14.

Jaroongvesama, N., Harinasuta, T. and Muangmanee, L. 1974. Recrudescence, poor response or resistance to quinine of falciparum malaria in Thailand. Southeast Asian J. Trop. Med. and Pub. Health 5(4):504-509.

McCann, W. P., Permisohn, R. and Palmisano, P. A. 1975. Fatal chloroquine poisoning in a child; experience with peritoneal dialysis. Pediatrics 55(4):536-537.

Trenholme, G. M. and Coauthors. 1975. Host failure in treatment of malaria with sulfafene and pyrimethamine. Ann. Internal Med. 82(2):219-223.

#### *Malaria—Transfusion*

Brizard, C. P., Fraisse, H. and Lomessy, A. 1975. Transfusion induced malaria. Lyon Medical 233(4):38x-384. In Fr., Engl. Sum.

Garvey, G., Neu, H. C. and Katz, M. 1975. Transfusion-induced malaria after open-heart surgery. N. Y. State J. Med. 75(4):602-603.

#### *Malaria—Vectors*

Bibikova, V. A. 1975. Susceptibility of mosquitoes to imported strains of causative agent of human malaria (literature survey). Med. Parazit. i Parazit. Bolezni 44(2):213-219. In Rus., Engl. Sum.

Warren, M., Mason, J. and Hobbs, J. 1975. Natural infections of *Anopheles albimanus* with *Plasmodium* in a small malaria focus. Amer. J. Trop. Med. and Hyg. 24(3):545-546.

#### YELLOW FEVER

Labusquière, R. 1973. Associated vaccinations. Internat. Union Tubercul. Bul. 48 Suppl: 55-57. In Fr.

Museeanu, C., Voss, H. and Rossner, R. 1975. Sulphated glycosaminoglycans as virus inhibitors. 2nd communication: inhibitory effect of glycosaminoglycanpolysulphates on yellow fever virus 17 D in animal experiments. Zentbl. Bakteriol. Parasitol. Infektionskr. u. Hyg. I Abt. Orig. Reihe A 230(3):298-305.

Voss, H., Sensch, K. H. and Panse, P. 1974. Sulphated glycosaminoglycans as virus inhibitors. 1st communication: the effect of sulphated glycosaminoglycans in different virus-host systems as demonstrated by the plaque inhibition test. Zentbl. Bakteriol. Parasit. Infektionskr. u. Hyg. I. Abt. Orig. Reihe A 229(1):1-36. In Ger., Engl. Sum.

#### EXPERIMENTAL HOSTS OR VECTORS

Okuno, T. and Coauthors. 1975. Experimental transmission of Japanese encephalitis virus by *Culex tritaeniorhynchus* and *C. fusciceps*. Ann. Trop. Med. and Parasitol. 69(2):203-206.

#### LIGHT AND OTHER TRAP STUDIES

Brooks, G. D. and Singh, K. R. P. 1975. An adult mosquito trapping device for use in insectary operations. WHO/VBC/75-523, 4 pp.

Cornet, M., Valade, M. and Dieng, P. Y. 1974. Note technique sur l'utilisation des pondoirs-piège dans une zone rurale boisée non habitée. Ent. Méd. Parasitol. Cah. 12(4):217-219. In Fr., Engl. Sum. [*Aedes simpsoni* included.]

#### LITERATURE REFERENCES AND REVIEWS

Gerberg, F. J. and Hartberg, W. K. 1975. A bibliography of *Aedes simpsoni* (Theobald). Mosquito Systematics 7(2):137-147.

- Houpeau, J. L. and Mallardeau, J. 1975. Bulletin Analytique d'Entomologie Médicale et Vétérinaire 22(3):1-31; 22(4): 1-30; 22(5):1-28; 22(6):1-30. [Includes mosquito references.]
- Losev, O. L. 1975. National literature on problems of medical parasitology and parasitic diseases for 1974. Med. Parazit. i Parazit. Bolezni 44(1):113-120; 44(2):238-247. In Rus. [Includes mosquitoes.]
- Mosquito Systematics. 1975. A bibliography of the mosquito writings of Alan Stone. Mosquito Systematics 7(2):148-152.
- Sollers-Riedel, H. 1975. Literature references to mosquitoes and mosquito-borne diseases. 1975—Part II. Mosquito News 35(2):253-272.
- Trumble, R. M. and Smith, S. M. 1975. A bibliography of *Toxorhynchites rutilus* (Coquillett) (Diptera: Culicidae). Mosquito Systematics 7(2):115-126.
- World Health Organization. 1975. WHO publications 1974-1975. Supplement to the Catalogue of WHO Publications 1947-1973. 6 pp.

#### BIOGRAPHY AND HISTORY

- Bean, W. B. 1974. Walter Reed. Arch. Internal Med. 134(5):871-877.
- Bykhovskaya-Pavlovskaya, I. and Dubinina, M. 1975. To the memory of Professor Alexander Samoilovich Monchadsky (1894-1974). Parazitologiya 9(2):205-206. In Res.
- Dukhanina, N. N. and Dzhavadov, R. B. 1975. Towards the centenary of V. V. Favri's birth (1874-1974). Med. Parazit. i Parazit. Bolezni 44(2):221-222. In Rus. [Photo included.]
- Saliternik, Z. 1974. The role of Prof. J. Kligler in the anti-malaria work in Palestine. Harefuah 87(6):285-286. In Heb.
- See also Yoeli in Malaria Section.

#### SUBJECTS NOT COVERED BY OTHER HEADINGS

- Mosquito News. 1975. American Mosquito Control Association Meetings. Executive Director's Manual No. I. Mosquito News 35(2):245-246.
- Rozebom, L. E. 1975. Our society—an entomologist's perspective. Amer. J. Trop. Med. and Hyg. 24(3):375-382.

#### NEW PERIODICALS AND NAME CHANGES

- Archiv für die Gesamte Virusforschung has been changed to Archives of Virology.
- Bulletin of the Marine Medicine in Gdańsk has been changed to Bulletin of the Institute of Marine and Tropical Medicine in Gdynia.

#### BOOKLETS AND REPORTS

- Agricultural Experiment Station and UC Schools of Public Health. 1975. Research on mosquitoes—1974. Div. Agr. Sci. Univ. Calif. Spec. Pub. 3014, 28 pp.

Chan, Y. C., Chan, K. L. and Ho, B. C. 1973. Vector control in Southeast Asia. Proceedings of the first SEAMEO workshop, Singapore, August 17-18, 1972. 226 pp. Organizing Committee, SEAMEO-TROPMED, Vector Control Workshop, Faculty of Medicine, Sepoy Lines. [Mosquitoes included.]

- DeBord, D. V., Carlson, G. A. and Axtell, R. C. 1975. Demand for and cost of coastal salt marsh mosquito abatement. N.C. Agr. Expt. Sta. Tech. Bull. 232, 85 pp.
- Entente Interdépartementale pour la Demoustication du Littoral Méditerranéen. 1975. Direction opérationnelle. Rapport annuel d'activité 1974. 152 pp. [Numerous species of mosquitoes.]

- Rouzaud, C. 1975. Les groupements végétaux du bassin de l'étang de Pissovaches (Aude) et leurs relations avec les aires culicidogènes. 440 pp. Tables in a separate publication containing 41 tables and 6 transects. [Both publications were a part of a doctor's thesis presented to the Univ. des Sciences et Techniques du Languedoc.]

- WHO Division of Malaria and Other Parasitic Diseases. 1975. Manual on practical entomology in malaria. Part I. Vector bionomics and organization of anti-malaria activities. 160 pp., Geneva.

- WHO Division of Malaria and Other Parasitic Diseases. 1975. Manual on practical entomology in malaria. Part II. Methods and techniques. 191 pp., Geneva.

#### BOOKS

- Aikawa, M. and Sterling, C. R. 1974. Intracellular parasitic Protozoa. 76 pp., New York, San Francisco, London. Academic Press. [Includes *Plasmodium*.]

- Beatty, R. C. 1973. The DDT myth: a triumph of the amateurs. 201 pp., New York. John Day Book Co., San Francisco Book Co. and Longmans Green Canada Ltd.

- Brooks, G. T. 1974. Chlorinated insecticides. Vol. 2: biological and environmental aspects. 197 pp., Cleveland. CRC Press.

- Edwards, C. E. 1974. Persistent pesticides in the environment. Edition 2. 170 pp., Cleveland. CRC Press.

- Eto, M. 1974. Organophosphorus pesticides: organic and biological chemistry. 375 pp. Cleveland. CRC Press.

- Gutsevich, A. V., Monchadsky, A. S. and Shtakelberg, A. A. 1974. Fauna of the U.S.S.R. Diptera, Vol. III, No. 4. Mosquitoes Family Culicidae. 408 pp., Portland, Oregon. Internat'l. Scholarly Book Serv. Inc. [This is an English translation of the original Russian which appeared in 1970.]

Pal, R. and Wharton, R. H. 1974. Control of arthropods of medical and veterinary importance. 138 pp., New York and London. Plenum Press. [Includes mosquitoes.]

Piekarski, G. 1973. Medizinische Parasitologie in Tafeln. (Second revised and enlarged edition). 256 pp., Berlin, Heidelberg, New York. Springer-Verlag. [*Plasmodium* spp. included.]

World Health Organization. 1973. 1972 evalua-

tion of some pesticide residues in food. WHO Pesticide Residues Series No. 2, 587 pp.

#### ERRATA

In Mosquito News 34(1):139 in article by Chant, G. D. and Baldwin, W. F. add Forster, L.; 35(1):129 in article by Van Peenen change page numbers to read 821-823.