

## REFERENCES TO LITERATURE OF INTEREST TO MOSQUITO CONTROL WORKERS AND MALARIOLOGISTS

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### AEROSOLS

GJULLIN, C. M., and PETERS, R. F. 1955. Effectiveness of some organic phosphorus and other insecticides as aerosols against mosquitoes. Calif. Mosquito Cont. Assoc. Proc. 23:111-112, 4 refs.

### ADULTICIDES AND LARVICIDES

EICHLER, W. 1954. Thiodiphenylamin als stäubemittel gegen malariamücken-larven. Insektizide heutzutage. Berlin, pp. 231-234.

GRAHAM, J. E., and REES, D. M. 1955. Granular insecticide carriers used in Utah in mosquito abatement operations. Calif. Mosquito Cont. Assoc. Proc. 23:106-108, 3 refs.

HOFFMAN, R. A. 1955. Results of 1953-54 field tests with insecticides for control of mosquitoes in Oregon. Calif. Mosquito Cont. Assoc. Proc. 23:80-82, 5 refs.

RACHOU, R. G., FERREIRA, M. O., and LIMA, M. M. 1955. Resultados preliminares de uma prova de campo para comparação da eficácia de 3 inseticidas de ação residual aplicados no interior das casas para combate ao *Culex fatigans*. Rev. Brasil de Malariol. 6(2):159-172.

RIECH, E., and MAYER, K. 1954. Ergebnisse der prüfung von larviziden der DDT-gruppe. Insektizide heutzutage. Berlin, pp. 219-230.

SUBRAMANIAN, H. 1955. Malaria control in lower Bhavani project headworks, Coimbatore District, Madras State. Indian Jour. Malariol. 9(2):125-135.

THIEL, P. H. VAN, and METSELAAR, D. 1955. A pilot project of residual spraying as a means of controlling malaria transmitted by anophelines of the *punctulatus* group in Netherlands New Guinea. Doc. Med. Geog. et Trop. 7(2):164-181, refs.

### VARIOUS TYPES OF CONTROL

HAGMANN, L. E. 1955. The house mosquito and its control. N. J. Agr. Expt. Sta. Cir. 572, 4 pp.

HENDERSON, J. M. 1955. Water management planning for malaria prevention in the Damodar Valley, India. Amer. Jour. Trop. Med. and Hyg. 4(6):1091-1102.

MULHERN, T. D. 1955. California's increasing problem of mosquito control. Calif. Health 13(8):57-60.

PETERS, R. F., and SNEAD, F. M. 1955. Mosquito source reduction. U. S. Pub. Health Serv. Rpts. 70(12):1220-1221.

ROGEL, R. 1955. La lutte antipaludique à la Réunion. Sem. Med. (Paris) 31(23):810-814.

SANTOS, E. 1955. Mosquitoes—how to avoid and control them. Selec Agr. 10(109):27-30.

TWINN, C. R., and PETERSON, D. G. 1955. Control of mosquitoes in Canada. Canad. Dept. Agr. Pub. 936, 14 pp.

WHITE, C. M. 1955. Mosquitoes and their control. N. C. State Bd. Health, Health Bul. 70(5):7-13.

### CONTROL PAPERS FROM CALIFORNIA MOSQUITO CONTROL ASSOCIATION PROCEEDINGS 23:

BROCKWAY, B., JR. 1955. Mosquito control in Ohio—progress report. pp. 11-12.

COLLINS, D. L. 1955. Mosquito control in New York State in 1954. pp. 12-13.

DAVIS, S., and HUSBANDS, R. C. 1955. An indication of the relationship between irrigated practices and mosquito production. pp. 117-119, 4 refs.

DORER, R. E. 1955. Mosquito control activities in Virginia. pp. 16-17.

EADS, R. B., VON ZUBEN, F. J., JR., and THOMPSON, G. A. 1955. Mosquito control in Texas. pp. 10-11.

EICH, H. F., and MAPES, L. P. 1955. Urban and industrial aspects of mosquito source reduction. pp. 58-60.

GEIB, A. F. 1955. Chemical control of mosquitoes in California. pp. 82-86.

GERHARDT, R. W. 1955. Further studies during 1954 on blue-green algae—a possible anti-mosquito measure for rice fields. pp. 120-123, 2 refs.

GIES, R. W. 1955. Mosquito control in Pennsylvania. pp. 14-15.

HAURET, N. F. 1955. Summary of activities for 1954 of the Ballona Creek Mosquito Abatement District. p. 132.

HESS, A. D. 1955. Chemical control of mosquitoes in the tropics. pp. 76-80, refs.

HIRST, J. M. 1955. Significant advancements in the mosquito control program of the United States Navy. p. 33.

HUSBANDS, R. C. 1955. Irrigated pasture study—a review of factors influencing mosquito pro-

duction—weather, ponding and irrigation, and soil moisture. pp. 112-117.

KIMBALL, J. H. 1955. 1954 highlights of the Orange County Mosquito Abatement District. p. 133.

LEE, A. 1955. Mosquito source reduction programs in southern California in 1954. pp. 133-134.

LINDQUIST, A. W. 1955. Expanded grassland agriculture and the mosquito problem, pp. 23-25, 5 refs.

LUSK, E. E. 1955. Sacramento Valley regional report. Los Molinos Mosquito Abatement District and Corning Mosquito Abatement District summary of activities—1954. p. 128.

McFARLAND, G. C. 1955. Summary of activities of the Southeast Mosquito Abatement District, 1954. p. 131.

MULRENNAN, J. A. 1955. The story of mosquito control in Florida. pp. 17-19.

MYERS, L. E., JR. 1955. Field problems in the control of *Culex tarsalis*. pp. 52-54.

NOWELL, W. R. 1955. Recent developments in mosquito control in the Air Force. pp. 33-36.

PEPPER, E. B. 1955. New Jersey mosquito control progress. pp. 15-16.

PETERS, R. H. 1955. "Economic and legal aspects" of mosquito source reduction. pp. 55-57.

PORTMAN, R. F. 1955. 1954 activity highlights Butte County Mosquito Abatement District. pp. 129-130.

REES, D. M. 1955. Recent advances in mosquito control in the Rocky Mountain Region. pp. 6-9.

RUDDOCK, J., and DUCLUS, E. W. 1955. Mosquito control activities of the Los Angeles Health Department for the year 1954. pp. 132-133.

RUSCONI, W. L. 1955. Summary of the Coastal Region's mosquito control activities for 1953-1954. pp. 127-128.

SMITH, G. F. 1955. Agricultural aspects of mosquito source reduction. pp. 57-58.

——— 1955. San Joaquin Valley regional report. p. 130.

SPEERBECK, T. M. 1955. Sutter-Yuba Mosquito Abatement District summary of activities—1954. pp. 128-129.

TWINN, C. R. 1955. A review of recent progress in mosquito studies in Canada. pp. 17-19.

WILLIS, J. D. 1955. Mosquito control highlights in the Shasta Mosquito Abatement District for 1954. p. 130.

WINTER, R. E. 1955. Summary of activities Coachella Valley Mosquito Abatement District. p. 132.

#### INSECT RESISTANCE

BELIOS, G. D. 1954. Observations and tests on anopheline resistance to the chlorinated insecticides in 1953. Arch. Hyg. Athens 4(4/6): 148-176, 19 refs. In Greek. English summary.

PINNOTTI, M. 1954. Recentes aquisições sobre resistência de insetos e variações de comportamento de anofelinos em áreas da América do sol. Rev. Brasil. de Malariol. 6(4):463-472, 27 refs.

VAUCEL, M. A. 1954. Expert Committee on Malaria. Fifth report. World Health Organ. Tech. Rpt. Ser. 80:1-42.

#### PARASITES AND PREDATORS

BALDWIN, W. F., JAMES, H. G., and WELCH, H. E. 1955. A study of predators of mosquito larvae and pupae with a radio-active tracer. Canad. Ent. 87(8):350-356, 11 refs.

GERHARDT, R. W. 1955. The effect of an insecticide treatment on some natural invertebrate predators in rice fields. Calif. Mosquito Cont. Assoc. Proc. 23:124-125, refs.

GOLVAN, Y. J. and THÉODORIDES, J. 1955. Le Hérisson (*Erinaceus europaeus* L.), prédateur des larves d'un Culicidae: *Aedes rusticus* Rossi 1790. Ann. Parasitol. Humaine et Compar. 30(4):420-422.

HU, S. M. K. 1955. Progress report on biological control of *Aedes albopictus* Skuse in Hawaii. Calif. Mosquito Cont. Assoc. Proc. 23:23.

WEBER, P. W. 1955. Recent liberations of beneficial insects in Hawaii—4. Hawaii. Ent. Soc. Proc. 15(3):635-638.

#### INSECTICIDES AND CHEMICALS

EICHLER, W. 1954. Insektizide heutzutage. Berlin. 579 pp. many refs.

MORRILL, A. W., JR. 1955. Military use of chemicals for mosquito control. Calif. Mosquito Cont. Assoc. Proc. 23:31-33.

RICCIARDI, I., and PAULINI, E. 1955. Investigações sobre o modo do ação do DDT e do BHC sobre o *Culex fatigans*. Rev. Brasil. de Malariol. 6(2):285-288.

ROMEIRO, L., and AGUIAR, H. A. 1954. Fabricação do hexaclorociclohexano no Instituto de Malariologia. Rev. Brasil. de Malariol. 6(4): 589-596, 5 refs.

#### TOXICOLOGY

CULVER, D., CAPLAN, P., and BATCHELOR, G. S. 1955. A summary of human exposures to malathion and chlorthion during aerosoling operations. Calif. Mosquito Cont. Assoc. Proc. 23: 86-89.

#### EQUIPMENT

BLANEY, C. W. 1955. Hydraulic pipeline dredges for mosquito control. Calif. Mosquito Cont. Assoc. Proc. 23:110-111.

KNIFE, F. W. 1955. Characteristics of nozzle tips used on mosquito-control equipment: a

measurement of materials lost through rebound and atomization. World Health Organ. Bul. 13(2):337-344.

KRAMER, M. A. 1955. The "Barlow booster" low lift portable submersible pump. Calif. Mosquito Cont. Assoc. Proc. 23:131.

### BIOLOGY AND ECOLOGY

ATCHLEY, F. O., TRAYLOR, W. R., and WEATHERSSEE, A. A. 1955. Effect of variations in reservoir levels, rainfall, and temperature on anopheline densities in a coastal plains area in South Carolina. Jour. Parasitol. 41(3):273-280, 3 refs.

BOHART, R. M. 1955. The role of taxonomy in relation to ecology and control. Calif. Mosquito Cont. Assoc. Proc. 23:97-98, refs.

FROHNE, W. C. 1955. Ecological by-lines of an Alaskan mosquito worker. Calif. Mosquito Cont. Assoc. Proc. 23:98-101, 6 refs.

GERHARDT, R. W. 1955. Rice field mosquito ecology. Calif. Mosquito Cont. Assoc. Proc. 23:105-106.

HARANT, H., and RIOUX, J. A. 1954. Note sur l'écologie des Diptères Culicidés. II. Biotoques des *Aedes halophiles*. Ecole Natl. d'Agr. Ann. 29(3/4):71-76.

HUSBANDS, R. C. 1955. Ecological interrelationships in irrigated pastures. Calif. Mosquito Cont. Assoc. Proc. 23:104-105, refs.

LEA, A. O. 1955. Egg production from *Aedes aegypti* fed on blood and other foods. Ent. Soc. Amer. No. Cent. States Br. Proc. 10:61.

LOVE, G. J., and WHELCHER, J. F. 1955. Photoperiodism and the development of *Aedes triseriatus* (Diptera: Culicidae). Ecology 36(2):340-342.

MARKOS, B. G. 1955. Ecological approach to studies of mosquitoes in irrigated areas. Calif. Mosquito Cont. Assoc. Proc. 23:101-104, 10 refs.

MASLOW, A. V. 1955. Development and interspecies relationship of larvae of mosquito *Theobaldia*. Mosk. Obshch. Ispyt. Prir., Otdel Biol. 60(2):9-23. In Russian.

MILWARD DE ANDRADE, R., and RACHOU, R. G. 1954. Levantamento preliminar de organismos planctônicos em alguns criadouros do *Anopheles darlingi* no sul do Brasil. Rev. Brasil. de Malariol. 6(4):481-496, 19 refs.

———, and DE SOUZA, M. A. 1954. Observações preliminares sobre as variações estacionais de alguns fatores físicos a equimicos nas águas de criadouros de *A. darlingi* no sul do Brasil. Rev. Brasil. de Malariol. 6(3):415-418.

MOHAN, B. N. 1955. Experimental studies on reproductive capacity of *Anopheles fluviatilis* and *Anopheles stephensi* (type) after exposure to sublethal doses of DDT in different stages of gonotrophic cycle. Indian Jour. Malariol. 9(2):85-93, 5 refs.

NYE, E. R. 1955. A note on the winter breeding activities of *Theobaldia annulata* Schrank

(Diptera, Culicidae). Ent. Rec. and Jour. Variacion 67(6):183.

O'GOWER, A. K. 1954. The influence of the physical properties of a water container surface upon its selection by the gravid females of *Aedes scutellaris scutellaris* (Walker) for oviposition (Diptera, Culicidae). Linn. Soc. N. S. Wales Proc. 79(5/6):211-218.

RACHOU, R. G., LIMA, M. M., and FERREIRA NETO, J. K. 1954. Alguns dados relativos a evolucao do *Culex fatigans* em condicoes de laboratorio em Florianopolis. Rev. Brasil. de Malariol. 6(3):429-431, 2 refs.

——— 1954. Levantamento preliminar de criadouros de *Culex fatigans* em Florianópolis (Estado de Santa Catarina). Rev. Brasil. de Malariol. 6(4):497-500, 1 ref.

RAPP, W. R., JR. 1955. *Culex tarsalis* and the grassland biome. Calif. Mosquito Cont. Assoc. Proc. 23:89-90.

SEN, P. 1954. Ecology of anopheline mosquitoes. Indian Sci. Cong. Proc. 42(2):20 pp. 66 refs.

SMITH-WHITE, S., and WOODHILL, A. R. 1954. The nature and significance of non-reciprocal fertility in *Aedes scutellaris* and other mosquitoes. Linn. Soc. N. S. Wales Proc. 79(5/6):163-176.

STONE, C. L. 1955. Progress report on cultural aspects of rice field mosquito ecology. Calif. Mosquito Cont. Assoc. Proc. 23:123-124.

### BEHAVIOR

BLACK, R. H. 1955. Observations on the behavior of *Anopheles farauti* Laveran, an important malaria vector in the territory of Papua-New Guinea. Med. Jour. Austral. 42(26):949-955.

GILLET, J. D. 1955. Behavior differences in two strains of *Aedes aegypti*. Nature (London) 176(4472):124-125.

——— 1955. Further studies on the biting behaviour of *Aedes (Stegomyia) simpsoni* Theobald in Uganda. Ann. Trop. Med. and Parasitol. 49(2):154-157.

GILLIES, M. T. 1955. The density of adult *Anopheles* in the neighborhood of an East African village. Amer. Jour. Trop. Med. and Hyg. 4(6):1103-1113, 13 refs.

LOOMIS, E. C., and GREEN, D. H. 1955. Resting habits of adult *Culex tarsalis* Coquillett in San Joaquin County, California, November, 1953 through November, 1954. A preliminary report. Calif. Mosquito Cont. Assoc. Proc. 23:125-127, 2 refs.

RACHOU, R. G. 1954. Da frequencia domicilára horária do *Culex fatigans* no norte e no sul do Brasil. Rev. Brasil. de Malariol. 6(3):389-394, 1 ref.

SUZUKI, J. 1954. Observations on the diurnal activity of a Japanese common mosquito, *Culex pipiens* var. *pallens* Coquillett. Hokkaido Univ. Fac. Sci. Jour. Ser. 6, Zool. 12(1/2):133-140.

## MORPHOLOGY AND PHYSIOLOGY

DIMOND, J. B., LEA, A. O., BROOKS, R. F., and DELONG, D. M. 1955. A preliminary note on some nutritional requirements for reproduction in female *Aedes aegypti*. Ohio Jour. Sci. 55(4): 209-211.

GILLETT, J. D. 1955. Variation in the hatching-response of *Aedes* eggs (Diptera: Culicidae). Bul. Ent. Res. 46(2):241-265.

KHODUKIN, N. I., and LISOVA, A. I. 1954. Influence of light rhythm on fat in *An. maculipennis sacharovi* Fav. (Uzbekistan) Inst. Zool. i Parazitol., Trudy 3:31-35. In Russian.

ROSA, R. 1955. Some observations on *Aedes nigromaculis* eggs. Calif. Mosquito Cont. Assoc. Proc. 23: 119-120.

SHOJI, S. 1955. On the synecological observations of microorganism communities in some tidewater rock-pools with special reference to the morphological variation of the larva of a mosquito, *Aedes togoi* Theobald. Ecol. Rev. 14(1):91-98.

YOSHIMEKI, M. 1955. Morphological studies on the tracheal system of two culicini larvae, *Culex pipiens* L. var. *pallens* Coquillett and *Aedes vexans nipponii* Theobald. Ecol. Rev. 14(1):81-89. In Japanese, English summary.

## DISTRIBUTION

CRAIG, G. B., JR., and PIENKOWSKI, R. L. 1955. The occurrence of *Aedes canadensis* (Theobald) in Alaska (Diptera, Culicidae). Ent. Soc. Wash. Proc. 57(6):268.

DOBROTOWSKY, N. V. 1954. The *Culex pipiens* group in southeastern Australia. III. Autogeny in *Culex pipiens* form *molestus*. Linn. Soc. N. S. Wales Proc. 79(5/6):193-195.

HAMON, J., ABONNENC, E., and NOEL, E. 1955. Contribution a l'étude des culicidés de l'ouest du Sénégal. Ann. de Parasitol. Humaine et Compar. 30(3):278-308, refs.

HAMON, J., and RICKENBACH, A. 1955. Contribution a l'étude des culicidés d'Afrique Occidentale. Description d'*Anopheles brumpti* sp.n. Soc. de Path. Exot. Bul. 48(3):342-344.

KATO, M., TORIUMI, M., and MATSUDA, T. 1955. Mosquito larvae at Mt. Kago-bo near Wakuya, Miyagi Prefecture, with special reference to the habitat segregation. Ecol. Rev. 14(1):35-39. In Japanese. Engl. Summ.

LAIRD, M. 1955. Mosquitoes and malaria in the hill country of the New Hebrides and Solomon Islands. Bul. Ent. Res. 46(2):275-289.

——— 1955. Notes on the mosquitoes of the Gilbert, Ellice and Tokelau Islands, and on filariasis in the latter group. Bul. Ent. Res. 46(2):291-300.

LEWIS, D. J. 1955. The *Aedes* mosquitoes of the Sudan. Ann. Trop. Med. and Parasitol. 49(2):164-173.

MERUCCI, L. 1954. Alcune specie di anofeli

riscontrate in varie località dello Yemen (Arabia Sud-Occidentale). Nuovi Ann. d'Igiene e Microbiol. 5(6):440-444. Engl. Summ.

RACHOU, R. G., LÔBO, A. G. S., and LUZ, Ê. 1954. Atualização da distribuição geográfica dos anofelinos do Estado do Paraná. Rev. Brasil. de Malariol. 6(4):525-532.

SENEVET, G., ANDARELLI, L., and ADDA, R. 1955. Presence d'*Anopheles plumbeus* St. sur le littoral Algérien. Inst. Pasteur d'Algérie Arch. 33(2):138-139.

TRPÍŠ, M. 1954. *Aedes (Ochlerotatus) cataphylla* a niekoľko ďalších durhev komárov nových pre Slovensko (Diptera, Culicidae). Biologia (Bratislava) 9(6):630-644. In Czech.

——— 1955. Investigations on mosquitoes in high Taters (Diptera, Culicidae). Biologia (Bratislava) 10(2):231-236. In Czech.

## TAXONOMY

DOBROTOWSKY, N. V. 1954. The genus *Theobaldia* (Diptera, Culicidae) in Victoria. Linn. Soc. N. S. Wales, Proc. 79(3/4):65-78.

FROHNE, W. C. 1955. Characteristic saddle spines of northern mosquito larvae. Amer. Micros. Soc. Trans. 74(3):295-302.

——— 1955. Tundra mosquitoes at Naknek, Alaska Peninsula. Amer. Micros. Soc. Trans. 74(3):292-295.

GILLETT, J. D. 1955. The male of *Anopheles (Myzomyia) distinctus* var. *ugandae* Evans (Diptera: Culicidae). Roy. Ent. Soc. London Proc. Ser. B: Taxonomy 24(1/2):36.

GILLIES, M. T. 1955. Notes on the eggs of some East African *Anopheles*. Ann. Trop. Med. and Parasitol. 49(2):158-160.

JONES, J. C. 1955. Notes on a unispiculate *Anopheles quadrimaculatus* Say larva (Diptera, Culicidae). Ent. Soc. Wash. Proc. 57(6):281-282, 1 ref.

KOMP, W. H. W. 1955. Notes on the larva of *Haemagogus panarchys* Dyar. Ent. Soc. Wash. Proc. 57(5):237-239, 5 refs.

——— 1955. The taxonomic status of *Haemagogus janthinomys* Dyar (Diptera, Culicidae). Ent. Soc. Wash. Proc. 57(6):277-280.

MAEKAWA, T. 1955. Variations of larval pectens and outer clypeal hairs of *Anopheles (A.) sinensis* Wiedemann and *Anopheles (A.) sineroides* (Yamada). Ecol. Rev. 14(1):105-108. In Japanese. Engl. Summ.

NYE, E. R. 1955. The flies of the London area. II. Culicidae, subfamily Culicinae (mosquitoes), with a key to the species of *Culex*. London Nat. No. 34:114-126.

SALITERNIK, Z. 1955. The specific biological characteristics of *Anopheles (Myzomyia) sergentii* (Theo.) and their correlation with malaria control in Israel. Bul. Ent. Res. 46(2):445-462.

SENEVET, G., and ANDARELLI, L. 1955. Les soies antepalmees chez les larves d'*Anopheles*; leur

utilisation taxonomique. Inst. Pasteur d'Algérie Arch. 33(2):106-127.

———. 1955. Races et variétés de l'*Anopheles claviger* Meigen, 1804. Inst. Pasteur d'Algérie Arch. 33(2):128-137.

STONE, A., and KNIGHT, K. L. 1955. Type specimens of mosquitoes in the United States National Museum: I, The general *Armigeres*, *Psorophora*, and *Haemagogus* (Diptera, Culicidae). Wash. Acad. Sci. Jour. 45(9):282-289.

#### TECHNIQUE

CHAO, J. 1955. Sterile micro-dissection and isolation of malarial oocysts. Science 122(3173):763, 3 refs.

NEVES, H. A., DE. 1954. Da pesquisa de microfírias de *Wuchereria bancrofti* pela escarificação da pele. Rev. Brasil. de Malariol. 6(3):365-366, 2 refs.

#### DISEASES

BELLAMY, R. E. 1955. The role of vector ecology in the epidemiology of mosquito-borne diseases. Calif. Mosquito Cont. Assoc. Proc. 23:91-96, 40 refs.

FERRIS, D. H., HANSON, R. P., DICKE, R. J., and ROBERTS, R. H. 1955. Experimental transmission of vesicular stomatitis virus by Diptera. Jour. Infect. Dis. 96(2):184-192. (*Aedes* and *Culex* used.)

HURLBUT, H. S. 1953. The experimental transmission of a coxsackie-like virus by mosquitoes. Egypt. Med. Assoc. Jour. 36(9):495-498, 2 refs.

MCLEAN, D. M. 1955. Multiplication of viruses in mosquitoes following feeding and injection into the body cavity. Austral. Jour. Expt. Biol. and Med. Sci. 33(1):53-65.

TAHORI, A. S., STERK, V. V., and GOLDBLUM, N. 1955. Studies on the dynamics of experimental transmission of West Nile virus by *Culex molestus*. Amer. Jour. Trop. Med. and Hyg. 4(6):1015-1027, 17 refs.

TAYLOR, R. M., and HURLBUT, H. S. 1953. The isolation of coxsackie-like viruses from mosquitoes. Egypt. Med. Assoc. Jour. 36(9):489-494, 5 refs.

#### ENCEPHALITIS

DEAN, B. H. 1955. Arthropod-borne encephalitides. Veterinary aspects. Calif. Mosquito Cont. Assoc. Proc. 23:41-43.

GALLIARD, H. 1955. La maladie du sommeil il y a 30 ans; deux hauts de la médecine tropicale, Ayou et Logone (Cameroun). Presse Med. (Paris) 63(45):947-948.

LENETTE, E. H. 1955. Etiologic aspects of the infectious encephalitides. Calif. Mosquito Cont. Assoc. Proc. 23:43-47.

LONGSHORE, W. A., JR. 1955. Some clinical aspects of western equine and St. Louis encephalitis. Calif. Mosquito Cont. Assoc. Proc. 23:37-40, 11 refs.

LOOMIS, E. C. 1955. Adult mosquito occurrence and human infection encephalitis cases in California. Calif. Mosquito Cont. Assoc. Proc. 23:51-52.

PHELIZOT, ..., REVEL, M., BOVÉ, ..., and WINCKEL, ... 1955. Sur 90 cas d'encephalites apparus depuis un an chez de très jeunes enfants, dans la région de Belfort-Montbéliard. Arch. Franc. de Pediat. 12(4):433-437.

POND, W. L., RUSS, S. B., ROGERS, N. G., and SMADEL, J. E. 1955. Murray Valley encephalitis virus: its serological relationship to the Japanese-West Nile-St. Louis encephalitis group of viruses. Jour. Immunol. 75(1):78-84.

RAPP, W. F., JR. 1955. Mosquitoes and encephalitis in Nebraska. Nebr. St. Med. Jour. 40(8):290-292.

REEVES, W. C. 1955. Epidemiological aspects of encephalitis under field conditions. Calif. Mosquito Cont. Assoc. Proc. 23:48-50.

WARRINGTON, S. L. 1955. Mosquitoes and encephalitis. U. S. Pub. Health Serv. Rpts. 70(12):1217-1218.

#### FILARIASIS

NEVES, H. A., and DAMASCENO, R. M. G. 1954. Incidência da filariose bancroftiana no território federal do Amapá, segundo inquérito realizados em 1952 e 1953. Rev. Brasil. de Malariol. 6(3):367-377, 4 refs.

NEVES, H. A., and SCAFF, L. M. 1954. Comprovação da microfíliaromia congênica de *Wuchereria bancrofti*. Rev. Brasil. de Malariol. 6(2):283-284.

———. 1954. Filarioses nas Unidades Militares Sediadas na Amazônia. Rev. Brasil. de Malariol. 6(4):533-540, 5 refs.

RACHOU, R. G., and DEANE, L. M. 1954. Filarioses humanos no Brasil. Conhecimento atual de sua distribuição geográfica e transmissão. Rev. Brasil. de Malariol. 6(3):377-387, 22 refs.

RACHOU, R. G., FERREIRA, M. O., and LIMA, M. M. 1954. Investigações relativas à incidência da filariose bancroftiana na Ilha de Santa Catarina. Rev. Brasil. de Malariol. 6(4):519-521, 5 refs.

———. 1955. Inquérito de filariose bancroftiana em Florianópolis, capital do Estado de Santa Catarina. Rev. Brasil. de Malariol. 6(2):189-204.

RACHOU, R. G., GARCIA, W., and MARTIUS, J. S. 1955. Do diagnóstico diferencial entre as microfíliarias de *Wuchereria bancrofti* e de *Mansonella ozzardi*. Rev. Brasil. de Malariol. 6(2):289-293.

RACHOU, R. G., LÔBO, A. G. S., and MARTINS, J. S. 1954. Primeiras investigações do Serviço Nacional de Malária relativas à incidência da filariose bancroftiana no Estado do Paraná. Rev. Brasil. de Malariol. 6(4):477-479.

SMITH, A. 1955. The transmission of ban-

croftial filariasis on Ukara Island, Tanganyika. I. A geographical and ecological description of the island with an annotated list of mosquitoes and other arthropods of medical importance. II. The distribution of bancroftial microfilaremia compared with distribution of hut-haunting mosquitoes and their breeding places. *Bul. Ent. Res.* 46(2):419-444.

SYMES, C. B. 1955. Filial infections in mosquitoes in Fiji. *Roy. Soc. Trop. Med. and Hyg. Trans.* 49(3):280-284, 12 refs.

### MALARIA

ALVARADO, C. A. 1955. Situation de la lucha antimalarica en las Americas V Informe. *Bol. Ofic. Sanit. Panamer.* 38(3):240-258.

BERNARD, P. M., and GOULESQUE, J. 1955. L'indice de regression de Sautet dans la lutte antipaludique à Madagascar. *Med. Trop. (Marseille)* 15(2):202-207.

CALLOT, J., HAUSWALD, ..., and KEMPF, ... 1954. Considérations sur quelques cas de paludisme autochtone. *Strasbourg Med.* 5(12):636-638.

CREYX, M., LENG-LÉVY, J., and LABORIE, G. 1955. Le problème reviviscences tardives de paludismes humains. *Presse Med. (Paris)* 63(42):877-878.

COSTA, J. L., and BUSTAMANTE, F. M. 1954. Estimativa da incidência da malária no Brasil, no triênio 1950/1952. *Rev. Brasil. de Malariol.* 6(4):597-600, 2 refs.

DAVIDSON, G. 1955. Further studies of the basic factors concerned in the transmission of malaria. *Roy. Soc. Trop. Med. and Hyg. Trans.* 49(4):339-350, 10 refs.

EICHLER, W. 1954. Flugzeugstäubung in der malariabekämpfung. *Insektizide heutzutage.* Berlin, pp. 81-82, refs.

GEIGY, R., and HERBIG, A. 1955. Erreger und überträger tropischer krankheiten. [Agents and vectors of tropical diseases] *Acta Trop. Basle.* Suppl. 6, 472 pp.

GRAY, H. F. 1954. Un interesante brote de paludismo vivax en California en 1952. *Bol. Ofic. San. Panamer.* 37(6):745-747.

HALL, L. A. 1955. Korean *vivax* malaria. A statistical analysis of 95 patients. *U. S. Armed Forces Med. Jour.* 6(1):20-34, refs.

HOUEL, G. 1954. La lutte antipaludique Maroc. *Maroc Med.* 33(352):860-872.

JOSEFAND, A., BERARD, M., CHOLLAT, L., and DUC, H. 1955. Un curieux cas de fièvre pseudo-palustre. *Presse Méd.* 63(53):1092.

KALIĆ, D. Z. 1955. Malarija postaje ponovo problem za nasu zdravstvenu sluzbu. *Narodono Zdravlje (Beograd)* 11(1):4-7.

MISRA, B. G., and DHAR, S. K. 1955. Malaria in Tripura State. *Indian Jour. Malariol.* 9(2):111-123, 5 refs.

MORIN, H. G. S. 1955. Vers une conception utilitaire de l'exophilie anophélienne. *Soc. de Path. Exot. Bul.* 48(3):337-342.

MONTESTRUC, E. 1955. La regression du paludisme à la Martinique. *Soc. de Path. Exot. Bul.* 48(2):234-242, 8 refs.

PARROT, L. 1955. Sur l'immunité dans le paludismes. *Compt. Rend. Acad. Sci. (Paris)* 240(25):2457-2459.

ROGEL, R. 1955. Prophylaxie du paludisme dans les pays Montagnards du sud Viet-Nam. *Sem. Med. Profes. (Paris)* 31(25/26):895-898.

SOROMENHO, L. 1955. Blackwater fever; its etiology and treatment. *South African Jour. Lab. and Clin. Med.* 1(2):110-117.

STAEFFEN, M. 1955. Signes, diagnostic et traitement d'urgence des accès pernicieux palustres. *Jour. Med. Bordeaux* 132(3):310-314.

WESTPHAL, A. 1954. Toxoplasmoseforschung. *Riv. di Parassitol.* 15(4):685-688.

### Malaria—Clinical Aspects

BLAN, P., and RAINAUT, J. 1955. Le paludisme des repatriés; considérations cliniques et médico-légales. *Rev. Corps San. Mil. (Paris)* 11(2):188-196.

CARRESCIA, P. M., and MASDEA, E. 1954. La malarioterapia nei neuroletici; rendiconto clinico-statistico sull'attività svolta dall' Istituto di Malariologia E. Marchiafava negli anni 1936-1954. *Riv. di Malariol.* 33(4/6):247-260.

COVELL, G. 1955. Spontaneous rupture of the spleen. *Trop. Dis. Bul.* 52(8):705-723, 223 refs.

HEARNE, K. G. 1955. Heat stroke or malaria: *Brit. Med. Jour.* 4917:847-848.

SINGH, JASWANT. 1955. Liver enlargement in malaria—need for extensive field surveys. *Natl. Soc. India for Malaria and other Mosquito-Borne Dis. Bul.* 3(1):29-32, 12 refs.

SMOLENSKAJA, Z. M. 1954. Characteristics of blood parasites in malaria coma. *Med. Parazit. i Parazit. (Moskva)* 4:348-350. In Russ.

### Malaria—Control Programs

KNIPE, F. W. 1955. India's national malaria control program a two year progress report. *Calif. Mosquito Cont. Assoc. Proc.* 23:28-31.

NEGhme, A., GUTIERREZ, J., and ALÉE, R. 1955. Attempt to eradicate *Anopheles* in the malaria zone of Chile. *Amer. Jour. Trop. Med. and Hyg.* 4(6):1114-1118, 5 refs.

### Malaria—Plasmodia

BIJMER, J. 1955. Mixed plasmodial infection after blood transfusion. *Doc. Med. Geog. et Trop.* 7(1):92-93.

CARRESCIA, P. M., and NEGRONI, G. 1954. Infezioni da "*Plasmodium berghei*" in splenectomized rats on milk diet. *Riv. di Malariol.* 33(4/6):261-272, 20 refs.

CORRADETTI, A. 1955. Studies on comparative pathology and immunology in *Plasmodium* infections of mammals and birds. *Roy. Soc. Trop. Med. and Hyg. Trans.* 49(4):311-333, many refs. (Discussion pp. 333-338).

- DE SMET, R. M. 1955. Variations du rapport protéines totales/globulines du sérum lors de l'infection par *Plasmodium berghei*. Soc. de Path. Exot. Bul. 48(3):385-389.
- DURAND, P., and MATHIS, M. 1955. Sensibilité de trois rongeurs sauvages tunisiens: *Mus musculus spretus*, *Dipodillus campestris* et *Meriones shawi* au *Plasmodium berghei* Vincke et Lips 1948. Inst. Pasteur de Tunis Arch. 32(1):17-24.
- FABIANI, G., and ORFILA, J. 1955. Influence de la splénectomie sur le paludisme expérimental à *Plasmodium berghei* de la souris blanche. Soc. de Biol. (Paris) Compt. Rend. 149(1/2):87-90.
- HIGHMAN, B., GREENBERG, J., and COATNEY, G. R. 1954. Pathological changes produced by *Plasmodium berghei* in resistant and non-resistant strains of mice. Riv. di Parasitol. 15(4):449-459, 13 refs.
- HUFF, C. G., and MARCHBANK, D. F. 1955. Changes in infectiousness of malarial gametocytes. I. Patterns of oocyst production in seven host-parasite combinations. Expt. Parasitol. 4(3):256-270, 14 refs.
- JEFFREY, G. M., and EYLES, D. E. 1955. Infectivity to mosquitoes of *Plasmodium falciparum* as related to gametocyte density and duration. Amer. Jour. Trop. Med. and Hyg. 4(5):781-789, 9 refs.
- MAEGRAITH, B. G. 1954. Some physiological and pathological processes in *Plasmodium berghei* infections in white rats. Indian Jour. Malariol. 4(2):281, 290, many refs.
- MASSEGUIN, A., and PALINACCI, A. 1955. Presence de *Plasmodium ovale*, Stephens 1922 en haute-volta (Afrique Occidentale Française. Soc. de Path. Exot. Bul. 48(2):170-174.
- MCGHEE, R. B. 1954. The infection of duck and goose erythrocytes by malarial malaria parasite, *Plasmodium berghei*. Jour. Protozool. Utic. 1(3):145-148, 21 refs.
- MELVIN, D. M. 1955. The microscopical detection and identification of malaria parasites in preparations from clotted blood. Amer. Jour. Trop. Med. and Hyg. 4(4):712-715.
- MENON, M. K., and NAIR, C. P. 1955. Studies on nuri strain of *P. knowlesi*. Part VI. Some observations on haematology and temperature reaction in blood-induced infection. Indian Jour. Malariol. 9(2):99-104, refs.
- MOHAN, B. N. 1955. Comparative susceptibility of some *Aedes* mosquitoes to *Plasmodium gallinaceum*. Indian Jour. Malariol. 9(2):75-79, 3 refs.
- MORIN, H. G. S. 1955. La capacité de production de gamètes par l'hématozoaire, facteur épidémiologique du paludisme. Soc. de Path. Exot. Bul. 48(3):333-337.
- MUNIZ, J., and SOARES, R. R. L. 1954. Nota sobre um parasita do género *Plasmodium* encontrado no encontrado no *Ramphastos toco* Müller, 1776, "Tucano-Açu," e diferente do *Plasmodium huffi*: *Plasmodium pinottii* n. sp. Rev. Brasil. de Malariol. 6(4):611-617.
- NAIR, C. P., BAMT, H. L., and RAY, A. P. 1955. Studies on nuri strain of *P. knowlesi*. Part VII. Comparative efficacy of the active metabolite and the precursor (M.3349) of proguanil. Indian Jour. Malariol. 9(2):105-110.
- RODHAIN, J. 1955. Contribution à l'étude de *Plasmodium schwetzi*, E. Brumpt. Soc. Belge de Med. Trop. Ann. 35(1):69-72.
- , and DELLAERT, R. 1955. Contribution à l'étude de *Plasmodium schwetzi* E. Brumpt (2<sup>me</sup> note). Transmission du *Plasmodium schwetzi* à l'homme (note préliminaire). Soc. Belge de Med. Trop. Ann. 35(1):73-76.
- SINGH, JASWANT, and MOHAN, B. N. 1955. Susceptibility of *Culex* (*Culex*) *bitaeniorhynchus* Giles, 1901, to *Plasmodium relictum* but not to *Plasmodium gallinaceum* and *Plasmodium falciparum*. Indian Jour. Malariol. 9(2):71-74, 6 refs.
- TERZIAN, L. A. 1954. The comparative morphological and physiological effects of various drugs on the sporogonous cycle of *Plasmodium gallinaceum* in *Aedes aegypti*. Nav. Med. Res. Inst. (Bethesda, Md.) Res. Rpt. 12:561-573.
- TSENG, P., and HSIEH, H. 1954. Natural infections of *Anopheles* with malaria parasites in southern Taiwan (Formosa): a report on recent dissections. Formos. Med. Assoc. Jour. 53(9):568-572.
- YOUNG, M. D., EYLES, D. E., BURGESS, R. W., and JEFFERY, G. M. 1955. Experimental testing of the immunity of negroes to *Plasmodium vivax*. Jour. Parasitol. 41(3):315-319, 6 refs.

#### Malaria—Therapeutics and Antimalarials

- ALICATA, J. E., and DAJAN, S. W. 1955. Observation of pyrimethamine (darapim) as a suppressant of malaria in a small village in Jordan. Amer. Jour. Trop. Med. and Hyg. 4(6):1006-1008, 5 refs.
- AVLAVIDOV, T. A. 1955. Treatment of malaria with chloroquine (aralen). Suvremenna Med. (Sofia) 6(2):110-111. In Bulgar.
- CHADHURI, R. N., and DUTTA, B. N. 1955. Single dose treatment of malaria. Indian Med. Assoc. Jour. 24(13):494-500, many refs.
- COATNEY, G. R. 1955. Estado actual de las drogas antipaludicas cloroquina, pirimetamina (daraprim) y primaquina. Bol. Ofic. Sanit. Panamer. 39(2):175-182, 19 refs.
- COLBOURNE, M. J. 1955. The effect of malaria suppression in a group of Accara school children. Roy. Soc. Trop. Med. and Hyg. Trans. 49(4):356-369, 15 refs.
- FIELD, J. W. 1955. El papel de las drogas en la prevención del paludismo. Bol. Ofic. Sanit. Panamer. 39(2):163-164.
- FISCHER, O. 1955. Atebrinfieber. Ztschr. f. Tropenmed. u Parasitol. 6(2):176-180.
- GELFAND, M. 1955. The management of malaria. (Revision Series). South African Med. Jour. 29(1):16-19.
- HALL, W. H., and LATTS, E. M. 1955. Pentaquine and quinine in the treatment of Korean

vivax malaria; a controlled study in 101 patients. Jour. Lab. and Clin. Med. 45(4):573-579.

HURST, E. W., SNOW, G. A., and ROBERTS, D. C. 1955. The antiviral activity of mepacrine in relation to morphological changes produced by the drug. Brit. Jour. Expt. Path. 36(3):215-225.

LYSENKO, A. I. 1955. Studies on radical chemical prevention and on cure without recurrence of tertian malaria with brief and long incubation periods. III. Therapeutic results with a new preparation chinocide in experimental tertian malaria. Med. Parazit. i Parazit. (Moskva) 24(2): 132-137.

\_\_\_\_\_, and CHURNOSOVA, A. A. 1955. [Title same as above.] IV. Result of radical treatment without recurrence of tertian malaria with brief incubation period with chinocide. *ibid.* 137-141.

LYSENKO, A. I., and COWORKERS 1955. [Title same as lines 1-3.] IV. Investigations on tolerance to the new antimalarial drug chinocide. *ibid.* 147-154. (All 3 papers in Russian).

MILLER, M. J. 1955. Suppression of malaria by monthly drug administration. Amer. Jour. Trop. Med. and Hyg. 4(5):790-799.

OSNES, M. 1955. Behandling av malaria. Nord. Med. 53(20):812-814.

PAYET, M., PENE, P., and BARTHE, C. 1954. Traitement des accès palustres par la quinine subtotan intraveineuse. Med. de l'Afrique Occident. Franc. Bul. 11(1):101-104.

ROLLO, I. M. 1955. The mode of sulphonamides, proguanil and pyrimethamine on *Plasmodium gallinaceum*. Brit. Jour. Pharmacol. and Chem. 10(2):208-214.

SCHMÖGER, R. 1955. Wie hoch darf primaquine im jungen säuglingsalter und bei frühgeborenen dosiert werden? Ztschr. f. Tropenmed. u. Parasitol. 6(2):181-184, refs.

SINGH, I. 1955. Pyrimethamine in the treatment of malaria. Indian Jour. Malariol. 9(2): 145-157, 21 refs.

#### Malaria—Vectors

KRISHNAMURTHY, B. S. 1955. Malaria vectors of India. VI. *Anopheles leucosphyrus* Donitz, 1901. Natl. Soc. India for Malaria and other Mosquito-Borne Dis. Bul. 3(1):1-8, refs.

MOHAN, B. N. 1955. Comparative experimental infections in *Anopheles fluviatilis* and *Anopheles stephensi* (type) with *Plasmodium falciparum* Welch, 1897. Indian Jour. Malariol. 9(2):81-84, 13 refs.

RACHOU, R. G., LÔBO, A. G. S., and LUZ, E. 1954. Dispersão do *Anopheles* (*N.*) *darlingi* no recrudescimento epidêmico de malária em 1950 no norte do Paraná. Rev. Brasil. de Malariol. 6(3):411-414, 1 ref.

SINGH, P. 1955. Observations on the transmission of malaria in Babina area, Jhansi District, Uttar Pradesh. Indian Jour. Malariol. 9(2):137-143, 8 refs.

VENKAT, RAO, V. 1955. Malaria vectors of India. VII. *A. varuna* Iyengar 1924. Natl. Soc.

India for Malaria and other Mosquito-Borne Dis. Bul. 3(1):9-23, 35 refs.

#### YELLOW FEVER

AMARO, J. 1955. Epidemiología de la fiebre amarilla. Med. y Cirug. de Guerra (Madrid) 17(5):271-276.

ELTON, N. W. 1955. Anticipated progress of yellow fever in Guatemala and Mexico 1955-59. Amer. Jour. Pub. Health 45(7):923-927.

MAHAFFY, A. F. 1955. La fièvre jaune en Afrique. Sem. Med. (Paris) 31(24):861-862.

ROGEL, R. 1955. La prévention de la fièvre jaune en A. O. F. [French West Africa.] Sem. Med. Profes. (Paris) 31(22):787-790.

SOPER, F. L. 1955. *Aedes aegypti* and malaria eradication programs in Latin America. Calif. Mosquito Cont. Assoc. Proc. 23:20-22.

\_\_\_\_\_. 1955. *Aedes aegypti* eradication in the Americas. Amer. Jour. Trop. Med. and Hyg. 4(4):609-616.

\_\_\_\_\_. 1955. Review of the yellow fever menace. Amer. Jour. Trop. Med. and Hyg. 4(4): 573-582.

\_\_\_\_\_. 1955. The question of yellow fever threat to Asia. Amer. Jour. Trop. Med. and Hyg. 4(4):599-603.

\_\_\_\_\_, TRAPIDO, H., and DOWNS, W. G. 1955. The possibilities of controlling jungle fever. Amer. Jour. Trop. Med. and Hyg. 4(4):637-639.

SPENCER, C. B. 1955. Control measures in international travels. Amer. Jour. Trop. Med. and Hyg. 4(4):604-609.

THEILER, M. 1955. The epidemiological significance of the fundamental grouping of viruses. Amer. Jour. Trop. Med. and Hyg. 4(4):627-629.

TRAPIDO, H. 1955. Studies on *Haemagogus spegazzinii* in Panama. Amer. Jour. Trop. Med. and Hyg. 4(4):634-635.

\_\_\_\_\_. 1955. The vector situation in Central America and Mexico. Amer. Jour. Trop. Med. and Hyg. 4(4):616-624.

#### LITERATURE REFERENCES AND REVIEWS

BISHOPP, F. C., and SOLLERS, H. 1955. World attack on mosquitoes in 1954. N. J. Mosquito Extermin. Assoc. Proc. 42:7-26.

#### BIOGRAPHY AND HISTORY

BUEHLER, M. H. 1955. The development of mosquito control programs in the State of Oregon. Calif. Mosquito Cont. Assoc. Proc. 23:3-6.

GILMORE, H. R., JR. 1955. Malaria at Washington barracks and Fort Myer; survey by Walter Reed. Bul. Hist. Med. 29(4):346-351.

HURTADO GALTÉS, F., ABASCAL Y VERA, H., and RODRÍGUEZ EXPÓSITO. 1955. La obra y la gloria de Finlay reconocidas en el XIV Congreso Internacional de Historia de la Medicina. Minis. de Salubridad y Asis. Soc. Pub. No. 7, 101 pp.



SUBJECTS NOT COVERED BY OTHER HEADINGS

ANSARI, M. A. R., and NASIR, A. S. 1955. A preliminary note on anophelism of Lahore suburbs. *Pakistan Jour. Health* 4(4):212-223.

DAVID, A., and NAIR, C. P. 1955. Observations on a natural (cryptic) infection of trypanosomes in sparrows (*Passer domesticus* Linnaeus). Part I. Susceptibility of birds and mammals to the trypanosomes. *Indian Jour. Malariol.* 9(2): 95-98, 7 refs. (*Culex quinquefasciatus* involved).

HENDERSON, J. M., GRAY, H. F., PETERS, R. F., and MULRENNAN, J. A. 1955. Trends apparent

in vector control. *Calif. Mosquito Cont. Assoc. Proc.* 23:26-28.

McFEELEY, O. 1955. Political and social aspects of insect control. *Calif. Mosquito Cont. Assoc. Proc.* 23:9-10.

MYERS, L. E., JR. 1955. Glossary of terms used in irrigation practice. *Calif. Mosquito Cont. Assoc. Proc.* 23:64-70, 4 refs.

RODALE, J.I. 1955. The mosquito and sugar eaters. *Prevention* 7(9):31-39. (Concerns mosquito bites).

ROMAN, E. 1954. Pullulation anormale dans le bassin de La Drone de moustiques d'automne agressifs en plein air (Dipteres Culicides). *Soc. Linn. de Lyon. Bul. Mens. An.* 23(8):213-216.

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