

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

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## AERIAL APPLICATION

DEPARTMENT OF THE AIR FORCE. 1951. Aerial dispersal of insecticides. Department of the Air Force AFM 90-4, 37 pp., 20 refs.

MARKOS, B. G. 1951. Distribution and control of mosquitoes in rice fields in Stanislaus County, California. Natl. Malaria Soc. Jour. 10(3):233-247, 10 refs.

YUILL, J. S., AND EATON, C. B. 1951. Air-plane spraying for forest pest control. U. S. Bur. Ent. and Plant Quar. E-823, 21 pp.

## AEROSOLS

FALES, J. H., NELSON, R. H., FULTON, R. A., AND BODENSTEIN, O. F. 1951. Tests with two insecticidal aerosols for use on aircraft. Jour. Econ. Ent. 44(4):621-622, 4 refs.

FULTON, R. A., NELSON, R. H., AND YEOMANS, A. H. 1951. Evaluation of liquefied gas aerosols. Soap and Sanit. Chem. 27(8):129-131, 7 refs.

SHERMAN, R. W. 1951. Insect control on aircraft. Soap and Sanit. Chem. 27(8):122-127, 8 refs.

## LARVICIDES

BERNET, —. 1950. Utilisation des solutions de pyrethrines dans la lutte contre les larves d'*Anopheles*. Med. Trop. 10(3):558-563.

BERTRAM, D. M. 1950. Larvicidal treatments with DDT and gammexane in Upper Assam, with particular reference to their effect on *Anopheles minimus*. Ann. Trop. Med. and Parasitol. 44(3):255-259.

POTANOV, A. G. 1951. Znachemie novoi sistemy orosheniia sel' skokhoziaistvennykh zemel' dlia profilaktiki maliarii. Gesundheit und Wohlfahrt 31(2):42-44.

RACHOU, R. G., AND DE MELLO, P. J. 1950. Uma prova experimental de applicacao de larvicida por aviao em um braco morto do Rio Iguacu, em Sao Bento. Rev. Brasileira Malariol. 2(4):339-344.

ROMAN, E., AND RINAUDO, E. 1951. Action sur les larves du moustique citadin des esters phosphoriques organiques. Jour. Med. de Bordeaux 128(1):256-257.

TRAPIDO, H. 1951. The toxicity of DDT to *Anopheles claviger* (Meigen) in Sardinia and on the Italian mainland. Natl. Malaria Soc. Jour. 10(3):266-271, 10 refs.

WHITEHEAD, F. E. 1951. Rice field mosquito control by pellet-borne insecticides. Ark. Agr. Expt. Sta. Bul. 511, 30 pp., 8 refs.

## ADULTICIDES

ALVES, W. 1951. Preliminary note on a Southern Rhodesian experiment in malaria control. So. African Jour. Sci. 47(10):289-292, 3 refs.

BERNARD, P. 1950. Malaria control with contact insecticides in Madagascar. Soc. de Path. Exot. Bul. 43 (7/8):505-512.

DOWNES, W. G. AND BORDAS, E. 1951. Control of *Anopheles pseudopunctipennis* in Mexico with DDT residual sprays applied in buildings. Part V. Effectiveness of residual applications of DDT and gammexane up to one year after application under controlled conditions. Amer. Jour. Hyg. 54(1):150-156, 25 refs.

DOWNES, W. G., BORDAS, E., AND NAVARRO, L. 1951. Duration of action of residual DDT deposits on adobe surfaces. Science 114(2958):259-262, 19 refs.

HADAWAY, A. B., AND BARLOW, F. 1951. Studies on aqueous suspensions of insecticides. Bul. Ent. Res. 41(3):603-622, 18 refs.

LOZANO MORALES, A., AND JUAREZ JUAREZ, E. 1950. E consideraciones sobre una campana de pulverizaciones residuales de la zona paludica del rio Tietar (Caceres). Rev. de Sanid. e Hig. Pub. 24(11/12):803-816.

MACDONALD, G. 1950. Residual insecticides in Assam. [Correspondence] Brit. Med. Jour. 4675:414.

PAMPANA, E. J. 1951. Lutte antipaludique par les insecticides a action remanente; resultats des grandes campagnes. World Health Organ. Bul. 3(3):557-619.

RACHOU, R. G., AND LIMA, M. M. 1951. Da applicacao de DDT apenas em faixas pintadas nas paredes internas das casas, em zona de transmissao de malaria por anofelinos do sub-genero "*Kerteszia*": primeiras provas experimentais. Rev. Brasil. Malariol. 3(1):36-47.

RAMACHANDRA RAO, T. 1951. Malaria control using indoor residual sprays in the Eastern Province of Afghanistan. World Health Organ. Bul. 3(3):639-661.

SABATINI, A. 1951. La lotta antianofelica nell'Agro Romano negli anni 1947-1950. Riv. di Parasitol. 12(3):185-192.

SERRANO, M. B., AND DE GUIA, F. 1950. Residual DDT against *Culex fatigans*: preliminary reports. Monthly Bul. Bur. Health, Manila 26(2):67-73, 4 refs.

WHARTON, R. H. 1951. DDT and BHC as residual insecticides in Malaya. Nature [London] 167(4256):854-855.

## GENERAL CONTROL MEASURES

ANONYMOUS 1951. WHO malaria team finishes work in Pakistan, new campaign in the Lebanon. Egypt. Med. Assoc. Jour. 34(2):159-160.

ARAGAO, M. B. 1950. Nota preliminar sobre a accao bromelica de alguns compostos de cobre insoluveis n'agua. Rev. Brasil. de Med. 7(12):788-790.

BEKLEMISHEV, V. N. 1950. Evaluation of the efficacy of methods in application of DDT against mosquitoes in control of malaria. Gigena i sanitaria [Moskva] 12:32-33.

CHAKRABORTI, S. K. 1951. Fish culture and malaria control. Co-op. & Marketg. Rev. 5(1):21-25.

CHOZA FERRER, J. A., AND PINERO CARRILLO, J. F. 1950. Diez anos de lucha antipaludica. Rev. Clin. Espanola 38(3):199-201.

EJERCITO, A. 1950. Malaria control work and the men behind it. Monthly Bul. Bur. Health, Manila 26(2):27-29.

——— 1950. Simplified, handy and economical construction of an automatic siphon sluice for the control of stream-breeding *Anopheles*, vector of malaria (Design IV). Monthly Bul. Bur. Health, Manila 26(2):31-42, 8 refs.

——— 1950. Expanding malaria control activities in the Philippines. Monthly Bul. Bur. Health, Manila 26(2):63-66.

FARID, M. A. 1951. Malaria control. Libanais Med. Jour. 4(1):16-23.

FERREIRA, M. O., RACHOU, R. G., AND LIMA, M. M. 1951. Consideracoes sobre o combate ao *Anopheles (Kerteszia) cruzii* em Caldas da Imperatriz (S. Catarina) pelo desmatamento; abrigos naturais dessa especie. Rev. Brasil. Malariol. 3(1):14-35.

GARDINER, R. C. 1950. Mosquito control at Rosemere. Quebec Soc. Protect. Plants Rpt. 31:36-40.

GIMENO, DE SANDE, A. 1950. Campana profilactica antipaludica con gammaexano en motril, durante el ano 1949. Rev. de Sanid. e Hig. Pub. [Madrid] 24(9):651-658.

GUTIERREZ, J. F., NEGhme, A. R., AND ALBI DE LA FUENTE, H. 1950. Estado actual del control del Anofelismo en Chile. Rev. Chilena Hig. y Med. Prev. 12(3/4):67-71, 3 refs.

LIVIDAS, G. 1951. Malaria control in Greece during the last fifty year period. Riv. di Malariol. 30(1):17-27.

MUNRO, J. A. AND POST, R. L. 1951. The cost and effectiveness of a mosquito control program and its effect upon other forms of life. Amer. Assoc. Econ. Ent. Proc. 6th Ann. Meeting North Central States Branch, pp. 21-23.

NAIR, C. P. 1951. Studies on DDT barrier spray with reference to local rainfall and seasonal incidence of mosquitoes. Roy. Soc. Trop. Med. and Hyg. 44(6):741-746, 6 refs.

PASSAGER, —. 1951. Essais d'eradication du paludisme dans une oasis du sud algerien. Techn. Hosp. Sanit. et Soc. 6(66):31-38.

PEPPER, B. B. 1951. Where are we in mosquito control. N. J. Dept. Health. Pub. Health News 32(1):9.

PINOTTI, M. 1951. The biological basis for the campaign against the malaria vectors of Brazil. Roy. Soc. Trop. Med. and Hyg. Trans. 44(6):663-682, 11 refs.

POTAPOV, A. G. 1950. New system of irrigation and control of malaria. Feldsher i Akusherka 11:31-32.

RACHOU, R. G. 1951. Erradicao de anofelinos transmissores de malaria. 1. Consideracoes gerais. Rev. Brasil. Malariol. 3(1):92-100.

———, FERREIRA, M. O., AND LIMA, M. M. 1950. O sulfato de cobre como bromelica; sua primeira applicacao em Santa Catarina (Brasil); resultados preliminares. Rev. Brasil. Malariol. 2(4):306-317.

SUFFOLK COUNTY, N. Y. 1951. Mosquito Control Commission Report, 15 pp.

VARGAS, L. 1950. Insecticidas modernos en la lucha contra el paludismo. Gaceta Med. de Mexico 80(3/4):352-373.

VISWANATHAN, D. K. 1950. Malaria and its control in Bombay State. 263 pp. Poona.

WILSON, C. S. 1951. Control of Alaskan Biting Insects. U. S. Pub. Health Rpts. 66(29):917-922, 5 refs.

See also Bur. Vector Con. under Biol. and Ecol.

## REPELLENTS

RACHINSKII, F., PERVOMAISKII, G. S., AND CHACIN, K. P. 1951. Dimethyl phthalate as means of protection from gnats. Zool. Zhur. 30(1):69-72.

SMITH, C. N., AND COLE, M. M. 1951. Mosquito repellents for application to clothing. Natl. Malaria Soc. Jour. 10(3):206-212.

TRAVIS, B. V. 1951. Effectiveness of repellents against several species of *Anopheles* mosquitoes. Natl. Malaria Soc. Jour. 10(3):197-205.

## TOXICITY TO BENEFICIAL FORMS OF LIFE

GOMEZ, H. A. 1951. Inocuidad de la adiccion al agua potable de 1 p.p.m. of DDT para la eradication del *Aedes aegypti*. Bol. de la Of. San. Panamer. 30(3):330-337.

See also Munro, et al. under General Control.

## TAXONOMY

BREELAND, S. G. 1951. The identification of the early larval instars of three common anophelines of Southern Georgia, USA. Natl. Malaria Soc. Jour. 10(3):224-232, 13 refs.

CORREA, R. R. 1950. Des cricao de *Anopheles (Kerteszia) montemor* nova especie de anofelino do Brasil (Diptera, Culicidae). Arq. de Hig. e Saude Pub. 14(39/42):53-55.

GAUD, J., AND LAURENT, J. 1950. Les soies doubles chez les larves d' *Anopheles*. Ann. de Parasitol. Humaine et Compar. 25(5/6):480-484.

KNIGHT, K. L., AND HULL, W. B. 1951. The *Aedes* mosquitoes of the Philippine Islands. I. Keys to species. Subgenera *Mucidus*, *Ochlerotatus*, and *Finlaya* (Diptera, Culicidae). Pacific Sci. 5(3):211-251.

LAVEN, H. 1950. Der schuppenindex als unterscheidungsmerkmal der arten in der *Anopheles maculipennis* gruppe. Ztschr. f. Tropenmed. u. Parasit. 2(1):111-124, 18 refs.

REMOTTI, E. 1950. Forme macro- e micro-adeniche in *Anopheles maculipennis*. Soc. Itali di Biol. Sper. 28(6):1314-1316.

SASA, M. 1949. Redescription of *Aedes nobukonis* Yamada, 1932, with designation of its subgenus. Jap. Jour. Expt. Med. 20(3):409-411.

SOMEREN, E. C. C. VAN. 1951. New culicini from Kenya and Uganda. Roy. Ent. Soc. London, Proc. Ser. B: Taxonomy 20(1/2):1-9.

TREMBLEY, H. L. 1951. Pyloric spines in mosquitoes. Natl. Malaria Soc. Jour. 10(3):213-215, 5 refs.

#### BIOLOGY AND ECOLOGY

ANONYMOUS. 1951. The mosquito and its prey. Brit. Med. Jour. 4715:1131, 8 refs.

BERNET, —. 1950. Les heures d'agressivite du *A. gambiae* en A.O.F. Med. Trop. 10(3):564-565.

BRUCE-CHWATT, L. J., AND FITZ-JOHN, R. A. 1951. Mosquitoes in crab-burrows on the Coast of West Africa and their control. Jour. Trop. Med. and Hyg. 54(6):116-121, 12 refs.

BUREAU OF VECTOR CONTROL. 1951. Mosquito abatement in California. Calif. Dept. Pub. Health, Bur. Vector Control, Bul. No. VC-1, 47 pp.

BUSTAMANTE, F. M. DE, AND GUEDES, A. S. 1950. Armadilha "Dawn Trap" de Shannon. Do seu emprego para a captura do *A. (N.) darlingi* em Engenheiro Dolabela, Minas Gerais. Rev. Brasileira Malariol. 2(4):326-327.

BUSTAMANTE, F. M., DE, AND COWORKERS. 1951. Sobre a captura do *Anopheles darlingi* e do *Anopheles albitarsis* nas paredes externas de casas detetizadas em Engenheiro Dolabela, Minas Gerais. Rev. Brasil. Malariol. 3(1):122-129.

COLLINGTON, E. 1951. Comportement des *Anopheles* dans le Departement d'Alger, en 1950. Inst. Pasteur d'Algerie. Arch. 29(1):25-27.

CORREA, R. R. 1950. Alguns informes sobre *Anopheles (Arivalzagia) intermedius* (Chagas, 1908), (Diptera, Culicidae). Arq. de Hig. e Saude Pub. 14(39/42):79-83.

— AND OLIVEIRA LIMA, F. DE. 1951. Antropofilia do *Anopheles albitarsis domesticus* do *Anopheles darlingi* e do *Culex fatigans*. An. Paul. de Med. e Cirurg. 61(1):38-40.

EICHLER, W. 1950. Indikationsstellung und terminfestsetzung zur flugzeugstaubung in der malariabekämpfung. Internatl. Cong. Ent. Proc. 8:850-855.

— 1950. Salzwasservertaglichkeit und sommerphase des *Anopheles atroparvus*. Internatl. Cong. Ent. Proc. 8:856-859.

— 1951. Anopheles—beobachtungen in Sudrussland. Riv. di Malariol. 30(1):29-38.

EJERCITO, A., AND URBINO, C. M. 1951. Flight range of gravid and newly emerged *Anopheles*. World Health Organ. Bul. 3(4):673-682.

FLETCHER, T. E. 1951. Estimation of traces of DDT using *Aedes aegypti* larvae as a biological indicator. Roy. Soc. Trop. Med. and Hyg. 44(4):364-365.

GALINDO, P., TRAPIDO, H., AND CARPENTER, S. J. 1951. Studies on forest mosquitoes. Ann. Rpt. Gorgas Mem. Lab., 1950, pp. 12-17.

HELL, J. C. VAN. 1950. Iets over de anophelinen fauna van zuid-Celebes met vermelding van de malariaoverbrengsters in dit gebied. Med. Maandblad 3(11):379-394.

— 1950. The significance of *A. (A.) hycanus* var. X as a malaria vector in South Celebes. Med. Maandblad 3(12):557-567.

JENKINS, D. W. 1950. Determining mosquito flight range with radioisotopes. Med. Div. Res. Rpt. (Army Chem. Center, Md.) No. 26, 9 pp.

— AND HASSETT, C. C. 1951. Dispersal and flight range of subarctic mosquitoes marked with radiophosphorus. Army Chem. Center, Md., Med. Div. Res. Rpt. 44, 17 pp. Also in Canad. Jour. Zool. 29(3):178-187.

JETTMAR, H. M. 1951. Über die resistenz der aquatischen entwicklungsformen der stechmücken gegen trocknung. Arch. f. Hyg. u. Bakt. 134(1):11-26.

MCARTHUR, J. 1951. The importance of *Anopheles leucosphyrus*. Roy. Soc. Trop. Med. and Hyg. Trans. 44(6):683-694, many refs.

RAMSAY, J. A. 1951. Osmotic regulation in mosquito larvae; the role of the malpighian tubules. Jour. Expt. Biol. 28(1):62-73.

REEVES, W. C. 1951. Field studies on carbon dioxide as a possible host simulant to mosquitoes. Soc. Expt. Biol. and Med. Proc. 77(1):64-66.

SMITH-WHITE, S. 1950. A note on non-reciprocal fertility in matings between subspecies of mosquitoes. Linn. Soc. N.S. Wales Proc. 75(5/6):279-281.

STEINIGER, F. 1950. Die malaria ubertrager Schleswig-Holsteins. Ztschr. f. Tropenmed. u. Parasit. 2(1):94-106, 23 refs.

VINCKE, I. H., AND LELEUP, N. 1950. Notes ethologiques et biologiques sur *Anopheles argenteolobatus* Gough. Soc. Belge de Med. Trop. Ann. 30(6):1605-1611.

VUKASOVIC, P. 1950. Investigations on anophelism in the region of Belgrade. Higijena 2(5/6):507-526. [In Czechoslovakian].

WHARTON, R. H. 1950. Daytime resting places of *Anopheles maculatus* and other anophelins in Malaya, with results of precipitin tests. Med. Jour. Malaya 4(4):260-271, 20 refs.

WOODHILL, A. R. 1950. Further notes on experimental crossing within the *Aedes scutellaris* group of species (Diptera, Culicidae). Linn. Soc. N. S. Wales Proc. 75(5/6):251-253.

See also Markos under Aerial Application.

#### TECHNIQUE

EMILI, H. 1950. Practical method of transportation of mosquito eggs. Higijena 2(4):319-321. [In Czechoslovakian].

SCHIAVI, P. A., AND FRANCO, A. C. 1950. Nova tecnica para repasto sanguineo dos mosquitos. Arq. de Hig. e Saude Pub. 14(39/42): 57-59.

## DISTRIBUTION

DURET, J. P. 1950. Contribucion al conocimiento de la distribucion geografica de los culicidos Argentinos. (Diptera-Culicidae). Rev. de la San. Mil. Argentina 49(4):363-380.

MINTER, P. C. 1950. Notes on the Culicidae of central western New South Wales following the 1950 floods. Austral. Jour. Sci. 13(2):50.

RACHOU, R. G., AND FERREIRA NETTO, J. A. 1950. Da presenca do *Anopheles (Kerteszia) bambusicolus* Komp, 1937 no estado de Santa Catarina (Brasil). Rev. Brasil, Malariol. 2(4): 303-305.

SENIOR WHITE, R. A. 1950. The distribution of the culicid tribe Anophelinae around the Caribbean Sea. Caribbean Med. Jour. 12(3/4):67-71, 23 refs.

See also Knight et al. and Someren under Taxonomy.

## DISEASES

JELLIFFE, D. B. 1951. Blackwater fever in African children. Brit. Med. Jour. 4715:1117-1119, 14 refs.

MITAMURA, T., AND KITAOKA, M. 1950. Experimental transmission of poliomyelitis virus by mosquitoes in rhesus monkeys. Jap. Med. Jour. 3(3):167-171.

VAN DEN BERGHE, L., AND CHARDOME, M. 1951. An easier and more accurate diagnosis of malaria and filariasis through the use of the skin scarification smear. Amer. Jour. Trop. Med. 31(4): 411-413, 3 refs.

## Encephalitis

ANONYMOUS. 1951. Murray Valley encephalitis. Med. Jour. Australia 1(14):526-527.

FINLEY, K. H., AND HOLLISTER, A. C. 1951. Western equine and St. Louis encephalomyelitis. Calif. Med. 74(4):225-229.

HURLBUT, H. S. 1951. The propagation of Japanese encephalitis virus in the mosquito by parenteral introduction and serial passage. Amer. Jour. Trop. Med. 31(4):448-451, 6 refs.

WENNER, H. A., AND COWORKERS. 1951. Encephalitis in the Missouri River Basin. II. Studies on a focal outbreak of encephalitis in North Dakota. Pub. Health Rpts. 66(34):1075-1085, 11 refs.

## Filariasis

BOWIE, J. H. 1950. Filariasis. Edinburgh Med. Jour. 57(12):561-571.

BRISCOE, M. S. 1950. Notes on Bancroftian filariasis in the central province of Liberia. Natl. Med. Assoc. Jour. 42(6):384-385.

CARRERA, B. D., AND TUBANGUI, M. 1951. Studies on filariasis in the Philippines. III. *Aedes (Finlaya) poicilius* (Theobald). The mosquito intermediate host of *Wuchereria bancrofti* in the Bicol region. Acta Med. Philippina 7(3):221-229.

KERSHAW, W. E. 1950. Studies on the epidemiology of filariasis in West Africa, with special reference to the British Cameroons and the Niger Delta. I. Methods of survey for infections with *Loa loa* and *Acanthocheilonema perstans*. Ann. Trop. Med. and Parasitol. 44(4):361-378.

MALDONADO, J. F., AND COWORKERS. 1950. The role of betrazan in the control of filariasis *bancrofti*. Puerto Rico Jour. Pub. Health and Trop. Med. 25(3):291-299.

## Malaria

ANONYMOUS. 1950. Estadistica de los dispensarios antipaludicos dependientes de la Direccion General de Sanidad. Rev. de Sanid. e Hig. Pub. Madrid 24(9):677-692.

———. 1950. Simposio sobre paludismo. Gaceta Med. de Mexico. 80(3/4):298-378.

———. 1951. Malaria in Alabama. Med. Assoc. Alabama Jour. 20(11):453.

———. 1951. Malaria in veterans who have served in Korea. Amer. Med. Assoc. Jour. 146(16):1523.

BALDI, A. 1950. Sul quadro anemico nell'infezione da *P. berghei* (Vincke e Lips). Riv. di Malariol. 29(6):349-356.

BELTRAN, E. 1950. Adquisiciones recientes y problemas en la parasitologia del paludismo. Gaceta Med. de Mexico 80(3/4):306-317.

BERENG, J. 1950. Trente ans la lutte antipaludique a in Salah (Tidikelt). Inst. Pasteur d'Algerie Arch. 28(4):464-468.

BULE, S. 1950. Four years of malaria control in Yugoslavia. Adrav. Radnik 5(80/81):6.

EXPERT COMMITTEE ON MALARIA. 1951. Report of the fourth session. World Health Organ. Tech. Rpt. Ser. No. 39, 30 pp.

FAUST, C. E. 1950. Un siglo de malaria en los Estados Unidos. Gaceta Med. de Mexico 80(3/4):318-333.

FLORES ESPINOSA, J. 1950. Relato del simposio sobre paludismo. Gaceta Med. de Mexico 80(3/4):375-378.

FRANCESCON, M., BOVO, G. 1951. Particolare forma di ritmo nodale stabile da malaria. Acta Med. Patavina 12(1):73-92.

FROLIANO DE MELO, I. 1951. A malaria, a tuberculose e a lepra em Goa. An. Paul de Med. e Cirurg. 61(1):7-16.

HAAS, W. 1950. Zur frage der provozierten malaria tertiana. Deut. Gesundheitswes. 5(52):1641-1643.

HLOUCAL, L., AND NIKODEM, A. 1951. Autochthonous malaria in southern Czechoslovakia. Casopis Lek. Ces. 90(10):302-307.

LEBON, J., AND SENEVET, G. 1951. La transmission de malaria. Sem. des Hop. [Paris] 27(18):753-755.

LEESON, H. S., AND COWORKERS. 1950. *Anopheles* and malaria in the Near East. London School Hyg. and Trop. Med. Res. Mem. 7, 223 pp., 64 refs. London.

LOZANO, A. 1950. Paludismo en Africa Ecuatorial. Rev. de Sanid. e Hig. Pub. 24(11/12): 868-880.

- MOLLHAUSEN, W. 1950. Zur virulenz der griechischen malaria. Ztschr. f. Tropenmed. u. Parasit. 2(1):75-78.
- 1950. Malaria und wasserbau in Griechenland. Ztschr. f. Tropenmed. u. Parasit. 2(1):79-82.
- MORIN, H. G. 1950. Moustiquaire chimique et paludisme rural. Soc. de Path. Exot. Bul. 43 (11/12):747-753.
- PINOTTI, M. 1951. Malaria e doenca de Chagas; dois grandes problemas nacionais de saude em via de solucao. Rev. Brasil. de Med. 8(1):34-40.
- QURAIISHI, M. S., AHMED, M., AND GRAMICIA, G. 1951. Pre-monsoon malaria transmission in the district of Mynensingh, East Pakistan. World Health Organ. Bul. 3(3):673-682.
- RAFFAELE, G., AND BALDI, A. 1950. Sulla morfologia e sulla trasmissione di *P. berghei* (Vincke e Lips). Riv. di Malariol. 29(6):341-347.
- RICHTER, B. 1950. Review of post-war control of malaria and objectives for 1950. Higijena 2(4):299-311. [In Czechoslovakian]
- SANI, A. 1950. L'endemia malarica del basso ferrarese dal 1940 al 1948. Ann. San. Pub. [Rome] 11(4):1149-1161.
- TRAGER, W. 1950. Studies on extracellular cultivation of an intracellular parasite (avian malaria). I. Development of the organisms in erythrocyte extracts, and the favoring effect of adenosinetriphosphate. Jour. Expt. Med. 92(4):349-366.
- WILCOX, A. 1950. Manual for the microscopical diagnosis of malaria in man. (Second Edition). Natl. Inst. Health Bul. 180 (Revised) 49 pp. 64 refs.
- Malaria—Clinical Aspects*
- CHAKRAVARTI, H. 1950. Studies on plasma protein. III. Malaria. Indian Med. Gaz. 85(11):500-503.
- COTINI, M., AND STEFANACCI, G. 1951. Sulle psicosi malariche. Rass. Stud. Psychiat. 40(1):1-26.
- DARBON, A., SOCHIER, R., AND RAYMOND, M. 1950. Nouvelle reaction serologique du paludisme a l'hemozoine artificielle de Henry. Ann. Biol. Clin. 8(4):466-470.
- DRUKKER, W., AND VRIES, S. I., DE. 1950. Entmalaria door bloedtransfusie. Nederland. Tijdschr. v. Geneesk. 94(46):3312-3315.
- FUHRMANN, G., AND KNUTTGEN, H. 1950. Serumeisenbefunde bei malaria tertiana. Ztschr. f. Tropenmed. u. Parasit. 1(4):515-526, 17 refs.
- GUPTA, P. N. 1951. Malaria menace. II. (How we suffer). Antiseptic 48(3):184-185.
- LINDSKIS, D. I. 1950. Malaria urticaria. Soviet. Med. No. 11:34.
- LIPPI, M. 1950. La funzionalita renale nei malarici cronici. Arch. Ital. Sci. Med. Trop. e Parasit. 31(6):407-421, 43 refs.
- LO, W. B. 1950. Neuromyelitis optica associated with malaria. Chinese Med. Jour. 68 (9/10):266-270.
- LOPEZ RONDAL, M. 1951. Paludismo en la infancia. Arch. Pediat. del Uruguay 22(1):54.
- MEYERS, F. M. 1950. Chronische malaria bekeken uit het gezichtspunt van hypersplenie. Nederland. vor Geneesk. 94(41):3006-3009.
- MORETTI, G. F. 1950. Acces pernicieux algide et choc medical. Jour. Med. Bordeaux 127(10):676-685.
- 1951. L'accès pernicieux palustre et son traitement. Presse Med. 59(14):313.
- NOVAN, A. 1951. Die klinischen formen der malaria in der Turkei. Ztschr. f. Tropenmed. u. Parasit. 2(4):491-497.
- PIZZILLO, G. 1950. Sindromi addominali acute da malaria (pseudo-colecistite—pseudo-appendicite). Riv. di Malariol. 29(5):315-320, 15 refs.
- SALMANOFF, A. 1951. Le paludisme chronique. Vie Med. [Paris] 32(4):73-74.
- SHRIVASTAVA, N. P. 1951. A case of cerebral malaria. Antiseptic 48(4):301-302.
- UEBEL, H. 1950. Malaria in Macedonia after the war from the pathological aspect. Ztschr. f. Tropenmed. u. Parasit. 2(2):239-245, 16 refs. [In German].
- Malaria—Epidemiology*
- HUGUNOT, R. 1950. Une epidemie de paludisme au Sahara. Inst. Pasteur d'Algerie. Arch. 28(4):469-508.
- MARTINEZ BAEZ, M. 1950. Algunos aspectos epidemiologicos del paludismo. Gaceta Med. de Mexico 80(3/4):298-305.
- RICO-AVELLO Y RICO, C. 1950. La epidemia de paludismo de la postguerra. Rev. de Sanid. e Hig. Pub. 24(10):701-737.
- RUSSELL, P. F. 1951. Some epidemiological aspects of malaria control with reference to DDT. Natl. Malaria Soc. Jour. 10(3):257-265, 33 refs.
- VAN DER KUYP, E. 1950. Contribution to the study of the malarial epidemiology in Surinam. Meded. 89, Afdl. Trop. Hyg. No. 18, 146 pp., 132 refs.
- Malaria—Plasmodia*
- ADLER, S., YOELI, M., AND ZUCKERMAN, A. 1950. Behavior of *Plasmodium berghei* in some rodents. Nature [London] 166(4222):571.
- ASCOLI, M., AND D'ALESSANDRO, G. 1950. Some remarks on the life cycle of the malaria parasite in the human host. Acta Tropica 7(4):367-371.
- BRUCE-CHWATT, L. J. 1951. Gametocyte rates. Roy. Soc. Trop. Med. and Hyg. Trans. 44(6):761-763.
- CAVACEPPI, L. 1951. Durata del ciclo endostocitario del *Plasmodium gallinaceum* determinata mediante ripetute biopsie di corteccia cerebrale. Riv. di Parassitol. 12(3):163-168.
- CORRADETTI, A., AND VEROLINI, F. 1951. Relazioni tra *Plasmodium berghei* e cellule della serie Rossa durante l'attacco primario nel ratto albino. Riv. di Parassitol. 12(2):69-84.
- EYLES, D. E. 1951. Studies on *Plasmodium gallinaceum*. I. Characteristics of the infection in

the mosquito, *Aedes aegypti*. Amer. Jour. Hyg. 54(1):101-112, 10 refs.

GALLIARD, H., AND LAPIERRE, J. 1950. Recherches sur le initial de *Plasmodium berghei*. Soc. de Path. Exot. 43(7/8):410-412.

HAWKING, F., AND THURSTON, J. P. 1951. A strain of monkey malaria (*Plasmodium cynomolgi*) made resistant to proguanil (paludrine). Roy. Soc. Trop. Med. & Hyg. Trans. 44(6):695-701, 16 refs.

HUNNINEN, A. V. 1951. Comparative susceptibility of four anopheline mosquitoes to *Plasmodium relictum*. Natl. Malaria Soc. Jour. 10(3):217-223, 4 refs.

LAUVIER, G. 1950. Il ciclo evolutivo dei parassiti della malaria. Riv. di Malariol. 29(6):370-372. Also in Therapie [Paris] 5(6):280-281.

McFADZEAN, J. A. 1951. Morphological changes in *Plasmodium cynomolgi* following proguanil, sulphadiazine, and mecaprine therapy. Roy. Soc. Trop. Med. and Hyg. Trans. 44(6):707-716, 7 refs.

MÜDROW-REICHENOW, L. 1951. Über die chemotherapeutische beeinflussbarkeit des *Plasmodium berghei* Vincke et Lips. Ztschr. f. Tropenmed. u. Parasit. 2(4):471-485.

THURSTON, J. P. 1951. Morphological changes in *Plasmodium berghei* following proguanil, sulphadiazine and mecaprine therapy. Roy. Soc. Trop. Med. and Hyg. Trans. 44(6):703-706, 2 refs.

VINCKE, I. H., AND LIPS, M. 1951. Note sur la transmission cyclique du *Plasmodium berghei*. Soc. Belge de Med. Trop. Ann. 30(6):1601-1603.

#### Malaria—Therapeutics and Antimalarials

ANONYMOUS. 1950. Estadística de los dispensarios antipaludicos dependientes de la Direccion General de sanidad. Rev. de Sanid. e Hig. Pub. 24(10):775-785.

———. 1951. Chloroquine (SN-7618-5) or aralen (SN(7618)(W-7618) and paludrine used as mass suppressive treatment for malaria in three Gatun Lake villages—a year's observation on results of voluntary use. Ann. Rpt. Gorgas Mem. Lab., 1950, pp. 26-27.

———. 1951. Controverse sur le traitement du paludisme. Vie Med. [Paris] 32(1):55-58.

———. 1951. Experience in malaria control by the use of drugs and DDT. Ann. Rpt. Gorgas Mem. Lab., 1950, pp. 24-25.

ALVING, A. S. 1950. A review of the best new antimalarial drugs. What's New 151:8-9.

BAILLET, J. 1950. Traitement curatif du paludisme. France Med. 13(12):41.

BENITEZ CALVO, L. A. 1951. Como podemos comprobar la eficacia de un medicamento antipaludico. Medicina Colonial 17(1):40-53.

BOVININ, H. 1950. Che cosa pensare della chinina. Riv. di Malariol. 29(6):375-376. Also in Therapie [Paris] 5(6):283-285.

BRODIE, B. B., AND UDNENFRIEND, S. 1950. Metabolites of pamaquine in urine. Soc. Expt. Biol. and Med. Proc. 74(4):845-848, 10 refs.

BRUCE-CHWATT, L. J. 1951. Evaluation of synthetic anti-malarial drugs in children from a hyperendemic area in West Africa. Roy. Soc. Trop. Med. and Hyg. 44(5):563-592, 36 refs.

DECOURT, P. 1950. La terapeutica contro le recidive malariche. Riv. di Malariol. 29(6):373-375. Also in Therapie [Paris] 5(6):281-283.

DE LUCENA, D. T. 1950. Tratamento da malaria pelo camoquin. Rev. Brasil. de Med. 7(9):588-592.

DE MAGISTRIS, L. 1950. Contributo clinico alla cura della malaria con il metodo di ascolo. Progresso Med. Napoli 6(23):771-775.

ECKERT, D., PAASONEN, M., AND VARTAINEN, A. 1951. On histamine in the gnat (*Culex pipiens*). Acta Pharmacol. et Tox. 7(1):16-22.

EFFIMOF, M. 1950. A malaria e sen tratamento pelo jejum: o meu proprio caso. Rev. Brasil. Med. 7(11):743-745.

EVERARD NAPIER, L. 1951. The treatment of malaria. Med. Press, London 225(10):229-232.

GEUKENS, A. 1950. Proefnemingen met paludrine. Soc. Belge de Med. Trop. Ann. 30(3):429-440.

HULSHOFF, A. A. 1951. Behandeling van malaria tertiana met nivaquine-plasmochine. Nederland. Tijdschr. v. Geneesk. 95(10):820-823.

JANSENS, P. G., VERSTRAETE, N., AND SIENIAWSKI, J. 1950. Essais de chimioprophylaxie antipaludique collective chez les enfants des travailleurs des mines de Kilo. Soc. Belge de Med. Trop. Ann. 30(3):449-478. [A continuation of article in ibid. 30(2):257-286.]

LEBON, J., AND FABREGOULE, M. 1951. Le traitement du paludisme aigu. Sem. des Hop. [Paris] 27(18):755-761.

———. 1951. Le traitement du paludisme chronique. Sem. des Hop. [Paris] 27(18):761-765.

LEBON, J., AND SENEVET, G. 1951. La prophylaxie du paludisme. Sem. des Hop. [Paris] 27(18):765-768.

MACLEOD, R. C. 1951. Prophylactic proguanil in the southern highlands of Tanganyika. Brit. Med. Jour. 4701:282.

MUKHERJEE, S. 1951. The present status of anti-malarial drugs and the future of cinchona in India. Indian Med. Assoc. Jour. 20(4):137-140.

PAULSHOCK, M., AND MOSER, C. M. 1950. Naphthoquinone antimalarials. XXV. Naphthoquinones with oxygen in the side chain. Amer. Chem. Soc. Jour. 72(11):5073-5077.

PICAZO GUILLEN, J. 1950. Estudios sobre paludismo. II. Profilaxis e inmunidad. Medicina [Madrid] 18(2/3):217-224.

PIZZILLO, G. 1951. L'impiego della chinina-etiluretano per via endovenosa nelle fasi febbrili dell'infezione malarica; storia, pregiudizi, azione benefica della chinina. Riv. di Malariol. 30(1):1-15.

POINDEXTER, H. A. 1951. A study of the prophylactic value of chloroquine in children. Jour. Pediat. 38(2):169-171.

- RAFFAELE, G. 1950. Il trattamento dell'attacco malarico acuto. Riv. di Malariol. 29(6):357-370.
- RUGE, H. 1950. Die malaria am westlichen schwarzen meer und ihre Beeinflussung durch schutzbehandlung mit atebtrin. Ztschr. f. Tropenmed. u. Parasit. 2(1):83-94, 23 refs.
- SINTON, J. A. 1950. Protezione chemioterapica individuale e collettiva contro la malaria. Riv. di Malariol. 29(6):377.
- SOBERON Y PARRA, G. 1950. Terapeutica del paludismo. Gaceta Med. de Mexico 80(3/4):334-351.
- SOKAL, J. E. 1950. Treatment of intolerance to quinacrine. U. S. Armed Forces Med. Jour. 1(10):1167-1170.
- TAREEV, E. M. 1951. Modern methods in the treatment of malaria. Sovet. Med. 3:8-10.
- THURSTON, J. P. 1950. Action of proguanil on *P. berghei*. Inhibition by *p*-amino benzoic acid. Lancet #6631:438.
- VAN RIEL, J. 1950. Chemioterapia degli anti-malarici sintetici. Riv. di Malariol. 29(6):372-373.
- WALLACE, R. B. 1951. Malaria control on estates. Planter 27(1):16-25.
- ZSCHUCKE, J. 1951. Zur frage der viruleny der griechischen malaria und der wirksamkeit der verschiedenen verfahren der atebtrinprophylaxe. Ztschr. f. Tropenmed. u. Parasit. 2(4):485-491.
- Yellow Fever*
- ANONYMOUS. 1951. Fiebre amarilla selvatica en Bolivia. Bol. de la Ofic. San. Panamer. 30(3):341-342.
- BEJARANO, J. F. 1951. Nota previa sobre la existencia de fiebre amarilla transmitida por culicidos no domesticos en la Republica Argentina. Dia Med. [Buenos Aires] 23(11):435-441.
- HAHN, R. G. 1951. A combined yellow fever-smallpox vaccine for cutaneous application. Amer. Jour. Hyg. 54(1):50-70, 28 refs.
- LACORTE, J. G. 1950. Virus pantropicos. V. O. virus da febre amarela. Rev. Brasileira Med. 7(9):593-600.
- LOPEZ SANCHEZ, J. 1951. Tomas Romay and the yellow fever. Jour. Hist. Med. and Allied Sci. 6(2):195-208.
- RODANICHE, E. DE. 1951. Studies of virus and rickettsial diseases. Ann. Rpt. Gorgas Mem. Lab., 1950, pp. 10-12.
- MISCELLANEOUS
- BROWN, A. W. A. 1951. Insect control by chemicals. 817 pp. London, Ontario.
- SCHENK, P. J. 1950. Mosquitoes; troublesome and sometimes dangerous pests. Cult. en Handel 16(9):553-554.
- SHEPARD, H. H. 1951. The chemistry and action of insecticides, 504 pp. New York.
- SOLODOVNIKOVA, O. I. 1950. Developmental cycle of the fat body and its connection with fertility in mosquitoes, *Anopheles maculipennis sacharovi*, *A. superpictus*, and *A. hyrcanus*. (In Russian.) Zool. Zhur. 29(6):545-555.

Did you read the announcement of the AMCA 1952 meeting in Salt Lake City in March? See page 224.

The Notice of Publication on Page V is important. Watch for the Bulletin.