

REFERENCES TO LITERATURE OF INTEREST TO MOSQUITO CONTROL WORKERS AND MALARIOLOGISTS

HELEN SOLLERS

Plant Pest Control Branch
Agricultural Research Service
United States Department of Agriculture

AERIAL APPLICATION

HIRST, J. M. 1955. Aerial mosquito control. Pest Control 23(4):9-10, 12.

YEO, D. 1954. Aircraft applications of insecticides in East Africa. IX. Further experiments on the deposition in open country of a coarse aerosol released from an aircraft. Bul. Ent. Res. 45(4):745-749, 4 refs.

LARVICIDES

ORI, S. 1954. Mosquito control works in Nagasaki City. I. Basic control experiment and its application in the graveyard area. Part I. Nagasaki Med. Soc. Jour. 29(12):1025-1033, 5 refs.

VARIOUS TYPES OF CONTROL

ANONYMOUS. 1954. The mosquito's doom. Monsanto Mag. 34(4):3-5.

ADAMS, C. V. 1955. Side-lights of mosquito control. Turtex News 33(1):30-32.

AFRIDI, M. K. 1954. The evolution of malaria control measures. Pakistan Jour. Health 4(1):1-9.

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT. 1954. Twenty-fourth annual report. 20 pp.

ANNECKE, D. H. 1954. Use of dieldrin in control of malaria. East African Med. Jour. 31(11): 491-494.

BOMBAY. DIRECTORATE OF PUBLICITY. 1954. War on malaria by student-volunteer army. Bombay, 16 pp.

DAVIDSON, G. 1955. The principles and practice of the use of residual contact insecticides for the control of insects of medical importance. Jour. Trop. Med. 58(4):73-80, many refs.

DESPLAINES VALLEY MOSQUITO ABATEMENT DISTRICT. 1954. Twenty-seventh annual report, 1954. Lyons, Ill., 20 pp.

ENTOMOLOGY RESEARCH BRANCH. 1955. Mosquitoes. How to control them on your property. U. S. Dept. Agr. Leaf. 386, 4 pp.

GRISHCHENKO, A. K. 1954. Control of malaria in the Kurangensk district in the Krasnodarsk region. Med. Parazit. i Parazit. (Moskva) 3: 230-233. In Russian.

INDIANA. PURDUE UNIVERSITY. DEPT. OF AGRICULTURAL EXTENSION. 1954. Mosquito control in cities and communities. Purdue Univ. Agr. Ext. Mimeo. E-26, revised, 5 pp.

IYENGAR, M. O. T. 1954. Practical aspects of malaria control. SPC Quart. Bul. (New Caledonia) 4(2):13, 16.

KNIPE, F. W. 1954. The place and duties of an engineer in a malaria control programme in India. Irrig. and Power 11(3):421-425.

KUBYCHINSKII, B. S. 1954. Something new in mosquito control under natural conditions. Med. Parazit. i Parazit. (Moskva) 1:60-61. In Russian.

MOROZSKAIA, M. I., and COWORKERS. 1954. Antimalarial measures in the building area of Kakhoskaja Hydro-Electric Station. Med. Parazit. i Parazit. (Moskva) 1:61-66. In Russian.

OLAVARRIA, J. 1954. La gran campana antipaludica de Cerdana de 1946 a 1950. Rev. de Sanid. e Hig. Pub. (Madrid) 28(7/8):597-599. In Russian.

POZDEV, T. S. 1954. On the effectiveness of benzene hexachloride action in dusting the resting places of the malarial mosquitoes at different times. Med. Parazit. i Parazit. (Moskva) 1:54-57. In Russian.

RAINEY, M. B. 1955. Good irrigation vital in mosquito control. Agr. Engin. 36(3):185-187, 191, 7 refs.

SUFFOLK COUNTY MOSQUITO CONTROL COMMISSION. 1954. Report. Yaphank, N. Y. 16 pp.

INSECT RESISTANCE

ASCHER, K. R. S. 1955. Insect-resistance to dieldrin. A survey of the literature. Riv. di Parassitol. 16(1):31-40, many refs.

LIVIDAS, G. 1955. Resistance of anophelines to chlorinated insecticides in Greece. Mosquito News 15(2):67-71, 10 refs.

RAGAGOPALAN, N., VEDAMANICKAM, J. C., and RAGHUPATHI, R. S. 1954. Development of resistance to B. H. C. by *C. fatigans* in the course of a larval control programme. Natl. Soc. India for Malaria and Other Mosquito-Borne Dis. Bul. 2(6):211-213.

REPELLENTS AND ATTRACTANTS

DOWLING, M. A. C. 1955. Insect repellents and miticides. Jour. Roy. Army Corps 101(1): 1-15, 62 refs.

THOMPSON, R. P., and BROWN, A. W. A. 1955. The attractiveness of human sweat to mosquitoes and the role of carbon dioxide. Mosquito News 15(2):80-84, 11 refs.

INSECTICIDES AND CHEMICALS

BARRAGAT, P. 1954. Anormalidades na relação entre a concentração em isomero gama do hexachlorociclohexano e a sua ação inseticida. *Rev. Brasil. de Malariaol.* 6(2):275-280.

BURCHFIELD, H. P., and WILCOXON, F. 1954. Comparison of dosage-response and time-response methods for assessing the joint action of anti-metabolites. *Boyce Thompson Inst. Contrib.* 18(1):79-84, 2 refs.

CASIDA, J. E. 1955. Toxicity of aromatic acids to the larvae of the mosquito *Aedes aegypti* L. and the counteracting influence of amino acids. *Biochem. Jour.* 59(2):216-221, many refs.

DAVIDSON, G. 1955. The principles and practice of the use of residual contact insecticides for the control of insects of medical importance. *Jour. Trop. Med.* 58(3):49-56. (To be cont'd.)

MORRILL, A. W., Jr., and WESLEY, C., Jr. 1955. Studies on insecticidal fog generation for military use. II. Solvents for insecticidal fog formulation. *Mosquito News* 15(2):86-90, 10 refs.

RACHOU, R. G., FERREIRA, M. O., and LIMA, M. M. 1954. Preliminary results of a field test for comparison of efficacy of three insecticides and residual effect applied to the interior of houses to control *Culex fatigans*. *Rev. Brasil. de Malariaol.* 6(2):159-172. (Includes BHC, DDT, dieldrin.)

RICCIARDI, L., and PAULINI, E. 1954. Investigations on the mode of action of DDT and BHC against *Culex fatigans*. *Rev. Brasil. de Malariaol.* 6(2):285-288.

STORRS, E. E., and BURCHFIELD, H. P. 1954. Joint action of binary mixtures of insecticides. *Boyce Thompson Inst. Contrib.* 18(1):69-78, 8 refs.

EQUIPMENT

CHAMBERLIN, J. C., GETZENDANER, C. W., HESSIG, H. H., and YOUNG, V. D. 1955. Studies of airplane spray-deposit patterns at low flight levels. *U. S. Dept. Agr. Tech. Bul.* 1110, 45 pp., 5 refs.

JONES, G. P. 1955. Jeep mounted mist blower. *Mosquito News* 15(2):71-73.

MORRILL, A. W., Jr., HAHL, R. G., and LORZE, K. A. 1955. Studies on insecticidal fog generation for military use. I. Military research on a non-thermal aerosol fog generator. *Mosquito News* 15(2):85-86.

NOWELL, W. R. 1955. The L-20 as a vehicle for aerial dissemination of insecticide by the U. S. Air Force. *Mosquito News* 15(2):73-80.

BIOLOGY AND ECOLOGY

DABROWSKA, E., and TARWID, K. 1954. Remarks on the occurrence of forest mosquito associations in the Kampinos Forest. *Ekol. Polska* 2(2):203-214. English Summary.

D'ALESSANDRO, G. 1954. Study of a mountain habitat of *Anopheles labranchiae* in Sicily. *Riv. di Parassitol.* 15(4):361-372.

ISHII, N., NAKAYAMA, A., and ISHII, Y. 1954. Biological observations on the mosquito, *Aedes albopictus*. *Yokohama Med. Bul.* 5(4):275-281.

KERSHAW, W. E., CHALMERS, T. A., and LAVOIPIERRE, M. M. 1954. Studies on arthropod survival. I. The pattern of mosquito survival in laboratory conditions. *Ann. Trop. Med. and Parasitol.* 48(4):442-450.

KIRCHBERG, E. von, and PETRI, K. 1955. Über die Zusammenhänge zwischen Verbreitung und Überwinterungsmodus bei der Steckmücke *Aedes (Ochlerotatus) rusticus* Rossi. (Beiträge zur Kenntnis der Culicidae III). *Ztschr. f. Angewandte Zool.* 6(1):81-94. many refs.

KUHLHORN, F. 1954. Beitrag zur Verbreitung und Ökologie oberbayerischer Culiciden (*Culex*, *Theobaldia*, *Aedes*/Dipt.). *Nachrbl. der Bayer Ent.* 3(4):33-35; 3(5):47-50; 3(6):59-61, 10 refs.

LEA, A. O., KNIERHIM, J. A., DIMOND, J. B., and DELONG, D. M. 1954. A preliminary note on egg production from milk-fed mosquitoes. *Ohio Jour. Sci.* 55(1):21-22.

MARIANI, M., and CEFALU, M. 1954. On the manner of overwintering of *Anopheles labranchiae* in Sicily under extra-domestic conditions of life. *Riv. di Parassitol.* 15(4):485-488.

NEWKIRK, M. R. 1955. On the eggs of some man-biting mosquitoes. *Ent. Soc. Amer. Ann.* 48(1/2):60-66, 15 refs.

ORI, S. 1954. Seasonal prevalence of mosquitoes collected in a hen house at Nagasaki City. *Nagasaki Med. Soc. Jour.* 29(12):1038-1042, 8 refs. English Summary.

_____, and SHIMOGAMA, M. 1953. Seasonal prevalence of mosquitoes in cow-shed at Nagasaki City. I. The results obtained in 1952. *Nagasaki Med. Soc. Jour.* (Nagasaki Igakkai Zassi) 28(9):1020-1026, 10 refs. English Summary.

TERZIAN, L. A., and STAHLER, N. 1954. The effect of age and sex ratio on the mating activity of *Anopheles quadrimaculatus* Say. *Jour. Expt. Zool.* 127(2):389-396.

BEHAVIOR

BEKKU, H. 1953. Studies on the diurnal [feeding] activity of bush-inhabiting mosquitoes. I. *Nagasaki Med. Soc. Jour.* 28(9):1027-1035, 6 refs. English Summary.

_____, 1954. Studies of the feeding activity of bush-inhabiting mosquitoes. II. *Nagasaki Med. Soc. Jour.* 29(12):1043-1054, 13 refs. English Summary.

OLSEN, C. E. 1955. How a mosquito bites you. *Canad. Nature* 17(2):56-61.

OMORI, N. 1954. On the swarming of *Culex pipiens pallens*. *Japan. Jour. Sanit. Ent.* 4 (Sp. Ed.):342-350. In English.

MORPHOLOGY AND PHYSIOLOGY

BEKKU, H. 1953. On the amount of blood taken up by a female mosquito of *Culex pipiens pallens* Coquillett. Nagasaki Med. Soc. Jour. 28(9):1036-1037. In English.

CLARK, E. W., and BALL, G. H. 1954. The major inorganic constituents of whole bodies of adult *Culex tarsalis* and *Culex stigmatosoma*. Physiol. Zool. 27(4):334-341, 45 refs.

DAY, M. F. 1954. The mechanism of food distribution to midgut or diverticula in the mosquito. Austral. Jour. Biol. Sci. 7(4):515-524.

KOZHEVNIKOVA, S. M. 1954. Autumnal physiological condition of *Anopheles maculipennis messae* females in Stalingrad in the years 1949-1951. Med. Parazit. i Parazit. (Moskva) 1:26-30.

LAL, R. 1953. Notes on the effect of temperature on the developmental stages of *Anopheles subpictus* Grassi and *Anopheles stephensi* Liston. Indian Jour. Ent. 15(2):97-106, 27 refs.

WOKE, P. A. 1955. Deferred oviposition in *Aedes aegypti* (Linnaeus) (Diptera: Culicidae). Ent. Soc. Amer. Ann. 48(1/2):39-46, 14 refs.

DISTRIBUTION

BLANTON, F. S., GALINDO, P., and PEYTON, E. L. 1955. Report of a three year light trap survey for biting Diptera in Panama. Mosquito News 15(2):90-93.

CARPENTER, S. J., and LACASSE, W. J. 1955. Mosquitoes of North America. Berkeley, Calif. 38 pt., over 750 refs.

DURET, J. P. 1954. Nuevos datos sobre *Culex Argentinos* (Diptera-Culicidae). Rev. Sanid. Mil. Argent. 53(2):242-244.

GALINDO, P., and BLANTON, F. S. 1955. An annotated list of the *Culex* of Panama (Diptera, Culicidae). Ent. Soc. Wash. Proc. 57(2):68-74, 17 refs.

IVENGAR, M. O. T., and MENON, M. A. U. 1955. Mosquitoes of the Maldivian Islands. Bul. Ent. Res. 46(1):1-10, 13 refs.

MATTINGLY, P. F., and BROWN, E. S. 1955. The mosquitoes (Diptera: Culicidae) of the Seychelles. Bul. Ent. Res. 46(1):69-110, many refs.

OMORI, N. 1953. A consideration on the distribution of some anopheline mosquitoes. Nagasaki Med. Soc. Jour. 28(9):1016-1019, 3 refs. English Summary.

POLIAKOVA, Z. P. 1954. Distribution of *Anopheles maculipennis* in Voroshilovgrad Region. Med. Parazit. i Parazit. (Moskva) 4:359. In Russian.

REES, D. M., and NIELSON, L. T. 1955. Additional mosquito records from Utah (Diptera: Culicidae). Pan-Pacific Ent. 31(1):31-33.

SENEVET, G., and ANDARELLI, L. 1954. Presence de *Aedes punctor* Kirby, 1837 en Algerie. Inst. Pasteur d'Algerie Arch. 32(4):309.

See also Floch and Fauran; Hamon; Hamon and Rickenbach; Peyton, Galindo and Blanton under Taxonomy.

TAXONOMY

BELKIN, J. N. 1955. The *Tripteroides caledonica* complex of mosquitoes in Melanesia (Diptera: Culicidae). Pacific Sci. 9(2):221-246.

FLOCH, H., and FAURAN, P. 1954. Nouveaux *Culex* en Guyane Francaise: *Culex (Aedinus) amazonensis* Lutz et *Culex (Melanoconion) idottus* Dyar, *Culex (Melanoconion) vidali* n. sp. Inst. Pasteur Guyane Francaise Arch. 15(333):1-7.

GIL COLLADO, J. 1954. Orientaciones actuales sobre la sistematica del complejo *maculipennis* del genero *Anopheles*. Med. Colonial (Madrid) 24(3):219-230.

HAMON, J. 1954. Contribution a l'etude des culicides d'Afrique Occidentale. Description de *Ficalbia (Ficalbia) grenieri* sp. n. Soc. de Path. Exot. Bul. 47(6):835-839, 3 refs.

—, and RICKENBACH, A. 1954. Contribution a l'etude des culicides d'Afrique Occidentale. Description d'*Aedes (Aedimorphus) mattinglyi* sp. n., *Aedes (Banksiella) jamoti* sp. n. Notes complementaires sur *Aedes (Aedimorphus) stokesi* Evans, *Aedes (Banksinella) bolensis* Edwards. Soc. de Path. Exot. Bul. 47(6):930-941, 13 refs.

KOMP, W. H. W. 1955. Notes on the larva of *Haemagogus janthinomys* Dyar. (Diptera: Culicidae). Ent. Soc. Wash. Proc. 57(3):137-138, 7 refs.

LAIRD, M. 1955. Abnormalities exhibited by mosquito larvae collected in Tonga. Bul. Ent. Res. 46(1):185-188.

LAMBRECHT, F. L. 1954. *Anopheles (Christya) implexus*, Theobald; description de la variete locale de la vallée du Mossé (Urundi). Rev. de Zool. et de Bot Africaines 50(3/4):204-209, 4 refs.

LUNGSTROM, L. 1955. Additional observations on the recognition features of the *Culex tarsalis* larva and pupa (Culicidae: Diptera). Kans. Acad. Sci. Trans. 58:68-74, refs.

MATTINGLY, P. F. 1954. Notes on the subgenus *Stegomyia* (Diptera, Culicidae), with a description of a new species. Ann. Trop. Med. and Parasitol. 48(3):259-270.

NEWKIRK, M. R. 1955. On the eggs of some man-biting mosquitoes. Ent. Soc. Amer. Ann. 48(1/2):60-66, 15 refs.

PEYTON, E. L., GALINDO, P., and BLANTON, F. S. 1955. Pictorial keys to the genera of Panama mosquitoes. Mosquito News 15(2):95-100, 13 refs.

RAFFAELE, G. 1954. On *Anopheles hispaniola* and related species of the *paramysomyia* group. Riv. di Parassitol. 15(4):601-604.

SENEVET, G., and ANDARELLI, L. 1954. Le genre *Aedes* en Afrique du Nord. I. Les larves. Inst. Pasteur d'Algérie Arch. 32(4):310-351, many refs.

VERMEIL, C. 1954. Nouvelle contribution a l'etude du complexe *Culex pipiens* en Tunisie. Soc. de Path. Exot. Bul. 47(6):841-843, 4 refs.

WANSON, M., and BERTEAUX, M. 1954. La larve de l'*Anopheles mortuauxi* Edwards. Rev. Zool. et de Bot. Africaines 49(1/2):33-38, 5 refs.

TECHNIQUE

BRACEY, P. 1954. Urea-formaldehyde resin as a vehicle for semi-permanent insecticidal residues to control flies and mosquitoes. Symposium on Control of Insect Vectors of Disease 1:344-393, 30 refs.

CLYDE, D. F., and SHUTE, G. T. 1955. A technique for the investigation of mosquito feeding preferences on man. Roy. Soc. Trop. Med. and Hyg. Trans. 49(1):64-67, 5 refs.

STAUBER, L. A. 1954. Application of electrophoretic techniques in the field of parasitic diseases. Expt. Parasitol. 3(6):544-567, many refs. (Includes malaria).

WOLFINSOHN, M., and GALUN, R. 1953. A method of determining the flight range of *Aedes aegypti* (Linn.). Res. Council Israel Bul. 2(4): 433-436, 4 refs.

DISEASES

FAUST, E. C. 1955. Animal agents and vectors of human disease. Philadelphia. 660 pp.

JACOTOT, H., TOUMANOFF, C., VALLEE, A., and VIRAT, B. 1954. Sur le rôle des moustiques dans la transmission de la myxomatose. Compt. Rend. Acad. Sci. (Paris) 239(11):909-911.

— 1954. Transmission expérimentale de la myxomatose au lapin par *Anopheles atroparvus* et *Anopheles stephensi*. Inst. Pasteur Ann. 87(5):477-485, 8 refs.

KILHAM, L. 1955. Metastasizing viral fibromas of gray squirrels: pathogenesis and mosquito transmission. Amer. Jour. Hyg. 61(1):55-63.

LUMSDEN, W. H. R. 1955. An epidemic of virus disease in Southern Province, Tanganyika Territory, in 1952-1953. II. General description and epidemiology. Roy. Soc. Trop. Med. and Hyg. Trans. 49(1):33-57, 9 refs.

ROBINSON, M. C. 1955. An epidemic of virus disease in Southern Province, Tanganyika Territory, in 1952-1953. I. Clinical features. Roy. Soc. Trop. Med. and Hyg. Trans. 49(1):28-32, 11 refs.

STERK, V. V., TAHORI, A. S., and GOLDBLUM, N. 1954. Studies in the natural history of West Nile fever. 2. Transmission of West Nile virus by laboratory bred *Culex* mosquitoes. Israel Res. Council Bul. 4(2):207.

DENGUE

SABIN, A. B. 1955. Recent advances in our knowledge of dengue and sandfly fever. Amer. Jour. Trop. Med. and Hyg. 4(2): 198-207.

ENCEPHALITIS

FRENCH, E. L., and REEVES, W. C. 1954. A group of viruses isolated from naturally infected mosquitoes collected in the Murray Valley area of Victoria and New South Wales. Jour. Hyg. 52(4):551-562.

HESS, A. D. 1954. The work of the Logan Field Station in relation to water resources development. U. S. Pacific Southwest Fed. Inter-Agency Tech. Com. Min. Meeting 54-4:75-77. (Mimeo.)

MATHENY, W. J., JR. 1955. Avian encephalomyelitis in pheasants. Cornell Vet. 45(1):89-93.

ROSEN, L. 1954. Observations on *Dirofilaria immitis* in French Oceania. Ann. Trop. Med. and Parasitol. 48(3):318-328.

WENNER, H. A., MENGES, R. W., and CARTER, J. 1955. Sporadic bovine encephalomyelitis; a serologic survey of cattle in the Midwestern United States. Cornell Vet. 45(1):68-77.

FILARIASIS

DASSANAYAKE, W. L. P. 1954. A follow-up of 230 cases of bancroftian filariasis treated with hexaizan at the filariasis clinic at Dehiwala, Ceylon. Ann. Trop. Med. and Parasitol. 48(2):123-126.

IYENGAR, M. O. T. 1955. Filariasis investigations in New Caledonia. SPC Quart. Bul. (New Caledonia) 5(1):27-34.

JORDAN, P. 1954. Filariasis in the Southern Province of Tanganyika. East African Med. Jour. 31(12):537-542.

MCCARTHY, D. D., and FITZGERALD, N. 1955. Researches in western Samoa. III. Observations on filariasis. Roy. Soc. Trop. Med. and Hyg. Trans. 49(1):82-89, 7 refs.

RACHOU, R. G., DEANE, L. M., DAMASCENO, R. G., and LIMA, M. M. 1954. Correlation between the periodicity of microfilariae of *Wuchereria bancrofti* and the periodicity of frequency in houses of *Culex fatigans* in northern and southern Brazil. Rev. Brasil. de Malaria. 6(2):205-218, 2 refs.

RACHOU, R. G., FERREIRA, M. O., and LIMA, M. M. 1954. Investigation of Bancroft's filariasis in Florianopolis, capital of state of Santa Catarina. Rev. Brasil. de Malaria. 6(2):189-204.

ROBINSON, E. J., JR. 1955. A description of attempts to infect mosquitoes with avian filarial worms. Jour. Parasitol. 41(2):176-178, 3 refs.

ROSEN, L. 1955. Observations on the epidemiology of human filariasis in French Oceania. Amer. Jour. Hyg. 61(2):219-248, many refs.

SOUTH PACIFIC COMMISSION. 1954. Annotated bibliography of filariasis and elephantiasis. Part I. Epidemiology of filariasis in the South Pacific Region. Tech. Paper no. 65, 63 pp. Noumea, New Caledonia.

VON WINTER, H. 1955. "Tropische eosinophilie" als symptomarme filariasis. Tropenmed. und Parasitol. 6(1):99-105, refs.

WEBBER, W. A. F., and HAWKING, F. 1955. Experimental maintenance of *Dirofilaria repens* and *D. immitis* in dogs. Expt. Parasitol. 4(2): 143-164.

MALARIA

ARCHIBALD, H. M., and BRUCE-CHWATT, L. J. 1955. Sickling and malaria. Brit. Med. Jour. 4919:970.

AVALISHVILI, S. D., and INTSKIRVELI, T. P. 1954. Gravity of tertian malaria with prolonged incubation in the Adzharsk Soviet Republic. Med. Parazit. i Parazit. (Moskva) 3:219-226. In Russian.

BARANGER, P., and FILER, M. 1954. Recherches sur un antagonisme entre le sarcome de Rous et la malaria aviaire. Compt. Rend. Acad. Sci. (Paris) 238:2037-2039.

BATTAGLIA, A. 1954. Hemoterapia y paludismo. Dia Medico (Buenos Aires) 26(55):1499-1501.

BENAZET, F., SOHIER, R., DIGOUTTE, J. P., and SASSOT, P. 1954. Criteres diagnostiques du paludisme chez les Européens repatriés de zones d'endemic palustre. (Incidence médico-legales). Soc. de Path. Exot. Bul. 47(5):696-709, 5 refs.

BLACK, R. H. 1954. A malaria survey of the people living on the Minj River in the western highlands of New Guinea. Med. Jour. Austral. 41(20):782-787.

— 1955. Comparison of the liver and spleen sizes in a community in Netherlands New Guinea suffering from malaria on a high degree of endemicity. Roy. Soc. Trop. Med. and Hyg. Trans. 49(1):62-63, 3 refs.

BRASS, W., FOY, H., TIMMES, G. L., and MOORE, R. A. 1955. Sickling and malaria. Brit. Med. Jour. 4908:285-286.

BULANOV, O. F. 1954. Anophelogenicity and malariogenic significance of ponds constructed in valleys. Med. Parazit. i Parazit. (Moskva) 1:66-70. In Russian.

DOLGOV, N. V. 1954. Results of work on liquidation of malaria as a mass disease. Med. Parazit. i Parazit. (Moskva) 3:234-238. In Russian.

DUKHANINA, N. N. 1954. New vernal cases of tertian malaria in the southern parts of the country. Med. Parazit. i Parazit. (Moskva) 3:203-211. In Russian.

EL'KINA, G. V., TSVETKOVA, E. N., and ZHUKOV, G. V. 1954. In regard to three-day malaria with prolonged incubation under conditions of the Samarkand. Med. Parazit. i Parazit. (Moskva) 4:350-351. In Russian.

GRINBERG, A. I. 1954. Tertian malaria with prolonged incubation in Kishinev. Med. Parazit. i Parazit. (Moskva) 3:216-219. In Russian.

HERRLICH, A. 1954. Malaria und ruhr in der gutachter-praxis. Ztschr. Ges. Inn. Med. 9(19/20): 989-992.

JAIN, R. S. 1954. Malaria hazards and the civil engineer. Irrig. and Power 11(4):506-514.

JOHNSON, D. R. 1955. "Operation Mercy." Mosquito News 15(2):93-94.

MACDONALD, G. 1955. Medical implications of the Volta River Project. Roy. Soc. Trop. Med. and Hyg. Trans. 49(1):13-24, 12 refs.

MACKERRAS, M. J., and SANDARS, D. F. 1954. Malaria in the Torres Straits Islands. So. Pacific Com. Tech. Paper 68, 27 pp.

MOLCHANOV, L. A. 1954. Three-day malaria with prolonged incubation in Turkmenian SSSR. Med. Parazit. i Parazit. (Moskva) 4:352-353. In Russian.

PAMPANA, E. J. 1955. Malaria education is now a world problem. United Nations Rev. 1(10):14-16.

RAPER, A. B. 1954. Sickling and malaria. Brit. Med. Jour. 4897:1162-1163.

WHITE, L. G., and DOERNER, A. A. 1954. Functional and needle biopsy study of the liver in malaria. Amer. Med. Assoc. Jour. 115(7): 637-639, refs.

WILCOCKS, C. 1955. Summary of recent abstracts. III. Malaria. Trop. Dis. Bul. 52(3): 234-241; (4):317-328.

Malaria—Clinical Aspects

ARMAND, M., CATALOGNE, G. DE, and FRANCILLON, U. 1954. Note expérience du paludisme et de la grossesse à la maternité de Chancerelles. Gaz. Med. France 61(20):1147-1148.

ARNOLD, J., and COWORKERS. 1954. Natural history of Korean *vivax* malaria after deliberate inoculation of human volunteers. Jour. Lab. and Clin. Med. 44(5):723-726.

BHOWMIK, S. K. 1954. An obstinate case of cerebral malaria. Indian Med. Assoc. Jour. 24(1): 61-62.

DOERNER, A. A. 1955. Functional and needle biopsy study of the liver in malaria. Amer. Med. Assoc. Jour. 115(7):637-639, 6 refs.

EDINGTON, G. M. 1954. Cerebral malaria in the Gold Coast African: four autopsy reports. Ann. Trop. Med. and Parasitol. 48(3):300-306.

GABALDON, A. 1955. Measurement of liver enlargement. Roy. Soc. Trop. Med. and Hyg. Trans. 49(1):91-92.

URCHS, O. 1954. Ein blutpositives malaria spatzreizidiv (m. quatran). Munch. Med. Wschr. 96(49):1448-1449.

VON WEIL, R. 1955. Zur frage des einflusses des hohenklimas auf huhnernmalaria bei blutinokulation mit *Plasmodium gallinaceum* Brumpt. Acta Trop. 12(1):53-66, 7 refs.

Malaria—Epidemiology

MONTILLIER, J. 1954. Un foyer de paludisme au Gourara: Heiba. Inst. Pasteur d'Algérie Arch. 32(3):255-265.

RACHOU, R. G., FERREIRA, M. O., LOBO, A. G. S., and PIRES, W. da. 1954. General considerations

on the epidemiology of malaria in southern Brazil. Rev. Brasil. de Malariol. 6(2):177-188.

Malaria—Plasmodia

ADLER, S. 1954. The behavior of *Plasmodium berghei* in the golden hamster *Mesocricetus auratus* infected with visceral leishmaniasis. Roy. Soc. Trop. Med. and Hyg. Trans. 48(5):431-440.

BISHOP, A. 1954. The action of 2:4-diamino-6:7-diisopropylteridae upon *Plasmodium gallinaceum* and its relation to other compounds which are pteroylglutamic acid antagonists. Parasitology 44(3/4):450-464, 43 refs.

— 1955. Problems concerned with gametogenesis in Haemosporida, with particular reference to the genus *Plasmodium*. Parasitology 45(1/2):163-185, many refs.

BRAY, R. S. 1955. "Resistance of *Plasmodium falciparum* to pyrimethamine." Roy. Soc. Trop. Med. and Hyg. Trans. 49(1):93-94, 2 refs.

DE OLEIVERA, M. XAVIER, and MEYER, H. 1955. *Plasmodium gallinaceum* in tissue culture observations after one year of cultivation. Parasitology 45(1/2):1-4, 10 refs.

DRAPER, C. C. 1954. The duration of residual immunity following spontaneous cure of *Plasmodium berghei* in rats. Parasitology 44(3/4):338-341.

FAURE, A. 1954. Evolution de l'infection à *Plasmodium berghei* chez la souris dans le midi de la France. Soc. de Path. Exot. Bul. 47(6):795-892, 7 refs.

FULTON, J. D. 1954. Cortisone and *Plasmodium berghei* infection in rodents. Ann. Trop. Med. and Parasitol. 48(3):314-317.

GALLIARD, J., LAPIERRE, J., and MURARD, J. 1954. Evolution de l'infection à *Plasmodium berghei* chez les rats nouveau-nés. Soc. de Path. Exot. Bul. 47(6):885-894, 24 refs.

GALLIARD, H., LAPIERRE, J., and GOLVAN, Y. 1954. L'hyaluronidase dans les infections à protistes sanguicoles et en particulier *Plasmodium berghei*; action comparée avec la phenylhydrazine; rôle et signification de la reticulocytose. Ann. de Parasitol. Humaine et Compar. 29(4):330-346, 12 refs.

GARNHAM, P. C. C., and COWORKERS. 1955. The pre-erythrocytic stage of *Plasmodium ovale*. Roy. Soc. Trop. Med. and Hyg. Trans. 49(2):158-167, 20 refs.

GREENBERG, J., and TREMBLEY, H. L. 1954. The apparent transfer of pyrimethamine-resistance from the BI strain of *Plasmodium gallinaceum* to the M strain. Jour. Parasitol. 40(6):667-672.

JEFFERY, G. M., WILCOX, A., and YOUNG, M. D. 1955. A comparison of west African and west Pacific strains of *Plasmodium ovale*. Roy. Soc. Trop. Med. and Hyg. Trans. 49(2):168-175, 9 refs.

LEFROU, G., and MARTIGNOLE, J. 1954. Contribution à l'étude de *Plasmodium* des chimpanzés. Inoculation de *Pl. falciparum* humain au chimpanzé. Soc. de Path. Exot. Bul. 47(6):895-903, 9 refs.

MYATT, A. V., COATNEY, G. R., HERNANDEZ, T., and GUINN, E. 1954. Effect of blood group on the prepatent period of inoculated vivax malaria. Amer. Jour. Trop. Med. and Hyg. 3(6):981-984.

NAIR, C. P. 1954. Animals in malaria research. Natl. Soc. India for Malaria and Other Mosquito-Borne Dis. Bul. 2(6):200-207, many refs.

ROBERTS, O. J. 1954. The effect of cortisone on *Plasmodium berghei* infections. Parasitology 44(3/4):438-445.

RODHAIN, J. 1954. Absence d'immunité croissante entre *Plasmodium berghei* et *Plasmodium vinckeii* dans les infections chez les jeunes rats. Soc. de Biol. (Paris) Compt. Rend. 148(15/18):1519-1520.

ROLLO, I. M. 1955. "Resistance of *Plasmodium falciparum* to pyrimethamine." Roy. Soc. Trop. Med. and Hyg. Trans. 49(1):94-95, 8 refs.

SERGENT, E. 1954. L'étude immunologique expérimentale du paludisme à *Plasmodium berghei*. Inst. Pasteur d'Algérie Arch. 32(4):277-298, 70 refs.

TRAGER, W. 1954. Coenzyme A and the malaria parasite *Plasmodium lophurae*. Jour. Protozool. (Utica) 1(4):231-237, 22 refs.

VOLOVIK, R. A. 1954. Infection of *Aedes aegypti* mosquitoes from chickens infected with *Plasmodium gallinaceum* (period of incubation). Med. Parazit. i Parazit. (Moskva) 4:360. In Russian.

WEATHERSBY, A. B. 1954. The ectopic development of malaria oocysts. Expt. Parasitol. 3(6):536-543.

Malaria—Therapeutics and Antimalarials

ANONYMOUS. 1954. Estadística de los dispensarios antipalúdicos dependientes de la dirección General de Sanidad. Rev. de Sanid. e Hig. Pub. (Madrid) 28(7/8):600-625.

ANNECKE, D. H., and JACOBS, A. J. 1954. Daraprim as a malaria suppressant. East African Med. Jour. 31(12):543-547.

BEUTLER, E., DERIN, R. J., and ALVING, A. S. 1954. The hemolytic effect of primaquine. III. A study of primaquine-sensitive erythrocytes. Jour. Lab. and Clin. Med. 44(2):177-184, 19 refs.

CHAUDHURI, R. N. 1954. Diagnosis and treatment of malaria. Indian Med. Assoc. Jour. 24(1):11-17.

DELANNAY, A., and HUGON, J. 1954. Essai de prophylaxie antipaludique en milieu rural au moyen de pyrimethamine (daraprim). Soc. Belge Med. Trop. Ann. 34(4):397-405.

DERIN, R. J., BEUTLER, E., and ALVING, A. S. 1954. The hemolytic effect of primaquine. II. The natural course of the hemolytic anemia and the mechanism of its self-limited character. Jour. Lab. and Clin. Med. 44(2):171-176.

FABIANI, G., and ORFILA, J. 1954. Action d'un traitement sulfamide sur le paludisme expérimental de la souris blanche. Soc. de Biol. (Paris) Compt. Rend. 148(15/18):1390-1392.

— 1954. Action du régime lacté sur le paludisme expérimental de la souris blanche. Soc. de Biol. (Paris) Compt. Rend. 148(13/14):1239-1241.

FABRE, J., and JOIGNY, J. R. 1955. Un an de chimioprophylaxie par la flavoquine effectuée à pointe-noire (Moyen-Congo). Soc. de Path. Exot. Bul. 48(1):99-111.

KIKUTH, W. 1954. Modern malarial therapy and prophylaxis. Deut. Med. Wschr. 79(38):1401-1403.

OKPALA, I., and MANWELL, R. D. 1955. Chemotherapy of avian malarias: III. Trial of certain standard antimalarials on *Plasmodium hexamerium* and *P. elongatum* malaria in ducks. Jour. Parasitol. 41(1):65-70, 3 refs.

RAY, A. P. 1954. Role of blood transfusion in liver injury due to *P. knowlesi* infection in monkeys. Natl. Soc. India for Malaria and Other Mosquito-Borne Dis. Bul. 2(6):213-214.

SCHNEIDER, J., MONTEZIN, G., and DUPOUX, R. 1954. Étude expérimentale et clinique de l'activité antipaludique d'une association de deux schizonticides: la chloroquine et la pyrimethamine. Soc. de Path. Exot. Bul. 47(6):791-795, 5 refs.

SHAPER, A. G. 1955. Malaria therapy in the nephrotic syndrome. Brit. Med. Jour. 4922:1132-1135, 7 refs.

TAPAVICZA, T. von. 1954. Malarial therapy mit resochin in losung. Med. Klin. (Berlin) 49(49):1958-1963.

Malaria—Vectors

BIERDRAGER, J., and ROOK, H. DE. 1954. Health conditions in Netherlands New Guinea. Doc. Med. Geog. et Trop. 6(3):252-266.

CHUEKOVA, A. I., and AMBARTSUMIAN, M. 1954. Phenology of *Anopheles maculipennis* on the Leninskaya Plateau. Med. Parazit. i Parazit. (Moskva) 1:20-25. In Russian.

RAO, V. V. 1954. Malaria vectors of India. V. *A. annularis* Van der Wulp, 1884. Natl. Soc. India for Malaria and Other Mosquito-Borne Dis. Bul. 2(6):191-199, 19 refs.

YELLOW FEVER

BONNEL, P. H., and DEUTSCHMAN, Z. 1954. La fièvre jaune en Afrique au cours des années récentes. World Health Organ. Bul. 11(3):325-389. English Summary.

BRETEAU, H. 1954. La fièvre jaune en Afrique-Occidentale Française; un aspect de la médecine préventive massive. World Health Organ. Bul. 11(3):453-481. English Summary.

CAMBOURNAC, F. 1954. L'infection amarille dans l'Angola et dans les îles de São Tomé et Príncipe. World Health Organ. Bul. 11(3):504-507.

DE LA GARZA BRITO, A. 1954. La fièvre amarilla. Bol. Sanid. Mil. (Mexico) 7(6):163-200.

LUMSDEN, W. H. R. 1955. Entomological

studies, relating to yellow fever epidemiology, at Gede and Taveta, Kenya. Bul. Ent. Res. 46(1):149-183, many refs.

MAHAFFY, A. F. 1954. The yellow fever situation in Africa. World Health Organ. Bul. 11(3):319-324.

PRATES, M. D. 1954. État actuel des recherches sur la fièvre jaune dans le Mozambique. World Health Organ. Bul. 11(3):500-503.

SOPER, F. L. 1955. La fiebre amarilla en movimiento. Diario Rur. 15(1235):12.

VELSICOL CORPORATION. 1954. Mosquito control with heptachlor. New York. 8 pp.

BIOGRAPHY AND HISTORY

GALLI, G. 1954. Brief aus Italien. Munch. Med. Wschr. 96(36):1044-1066. (Notes on work of Battista Grassi).

LITERATURE REFERENCES AND REVIEWS

SOLLERS, H. 1955. References to literature of interest to mosquito control workers and malariologists. *Mosquito News* 15(2):132-138.

See also South Pacific Commission under Filariasis and Wilcocks under Malaria.

SUBJECTS NOT COVERED BY OTHER HEADINGS

BERTRAM, D. S., and MCGREGOR, I. A. 1955. An effect of wind-direction on mosquito catches in a baited wooden hut used in the Gambia for trapping *Anopheles gambiae* and *A. melas*. Roy. Soc. Trop. Med. and Hyg. Trans. 49(1):11-12.

BROCKWAY, P. B. 1954. The eighth annual report of the Toledo area Sanitary District. Toledo. 8 pp.

FLOCH, H., and FAURAN, P. 1954. *Mansonia fasciolaria* (Lynch Arribalzaga 1891) vecteur des œufs de *Dermatobia cyaniventris* (Macquart 1840) en Guyane Française. Inst. Pasteur Guyane Française. Arch. 15(338):1-4.

LAIRD, M. 1955. Abnormalities exhibited by mosquito larvae collected in Tonga. Bul. Ent. Res. 46(1):185-188, 3 refs.

MUNCHBERG, P. 1954. Zur Kenntnis der an culiciden (Diptera) schmarotzenden Arrenurus-larven (Hydracarina), sowie über die Bedeutung dieser Parasiten für Wirt und Mensch. Ztschr. f. Parasitenk. 16(4):298-312.

RALBAG, E. D. 1954. Allergic urticaria in horses. Refuah Vet. 11(3):166-167. (From mosquito bites.)

ROUABAUD, E. 1954. Les larves lethales et leur signification dans le complexe *Culex pipiens*. Riv. di Parassitol. 15(4):621-638.

ROY, D. N., and BROWN, A. W. A. 1954. Entomology (Medical and Veterinary) including insecticides and insect and rat control. Calcutta, 2nd Ed. 413 pp. (Includes control of mosquitoes.)

SWELLENGREBEL, N. H. 1954. On *Anopheles plumbeus*. Riv. di Parassitol. 15(4):667-669.