

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

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Plant Pest Control Division, Agricultural Research Service, United States Department of Agriculture, Washington 25, D. C.

### AEROSOLS

- HAGMANN, L. E. 1961. Fog formulation tests. *N. J. Mosquito Extermin. Assoc. Proc.* 48:129-30.
- JOSEPH, S. R., BERRY, R. A., JR., SMITH, L. W. and MALLACK, J. C. 1961. Some results on insecticides used as mist sprays for adult mosquito control. *N. J. Mosquito Extermin. Assoc. Proc.* 8:131-134.

### ADULTICIDES AND LARVICIDES

CHAPMAN, H. C. 1962. Laboratory evaluation of materials as larvicides against mosquitoes in Nevada. *Mosquito News* 22(1):24-26.

COMMUNICABLE DISEASE CENTER. USPHS. 1962. 1962 Communicable Disease Center report in public health pesticides. *Pest Control* 30(3):9, 11-12, 14, 16, 19-20, 22, 24, 26-28, 30. [Includes mosquitoes.]

DEKHTSUNIAN, K. M. 1960. Comparative effectiveness of the insecticidal preparation DDT based on data from the solid and the barrier methods of treating areas. *Akad. Nauk. Armyanskoi SSR. Izvest. Bio. Nauk.* 13(10):89-95. In Armenian, Rus. Sum. [Malaria control.]

DOLL, J. M., LAKE, R. W. and DARSIE, R. F., JR. 1961. A preliminary report on the use of Dibrom for mosquito control in Delaware. *N. J. Mosquito Extermin. Assoc. Proc.* 48:186-191.

POWLER, H. W., JR., BARNES, W. W., PARRISH, D. W. and DOWELL, F. H. 1961. Recent studies on the efficacy of aerially dispersed insecticides for mosquito control. *N. J. Mosquito Extermin. Assoc. Proc.* 48:168-177.

HODAPP, C. J., PARRISH, D. W. and DOWELL, F. H. 1962. Biological evaluation of the C-47 aerial spray system for larval mosquito control. *Mosquito News* 22(1):34-35.

MALLACK, J. 1961. Laboratory studies on the potentialities of some herbicides as mosquito larvicides. *N. J. Mosquito Extermin. Assoc. Proc.* 48:178-181.

———, KULP, L. A., JOSEPH, S. R. and BERRY, R. A., JR. 1961. Dibrom as an adulticide for mosquito control. *N. J. Mosquito Extermin. Assoc. Proc.* 48:186-191.

MULLA, M. S. and AXELROD, H. 1962. The role of carriers in the performance of granular formulations of parathion for mosquito control. *J. Econ. Ent.* 55(2):227-236.

PARRISH, D. W. and HODAPP, C. J. 1962. Biological evaluation of the C-47 aerial spray system

for adult mosquito control. *Mosquito News* 22(1):36-37.

SHAMA SASTRY, H. and COWORKERS. 1961. A note on the interruption of spraying of residual insecticides in some villages of Visvesvaraya Canal area, Mandya District, Mysore State. *Indian J. Malariol.* 15(3):233-238.

SOEPARMO, H. T., KIAT, G. H. and LOOMIS, E. C. 1962. Laboratory tests on the residual effectiveness of malathion against *Aedes aegypti* (Linn.) and *Anopheles* species in Indonesia. *Mosquito News* 22(1):22-24.

WINMILL, A. E. and BROWN, A. W. A. 1961. R. C. A. F. airspray for biting fly control. *Canad. Aeronaut. J.* 7(10):349-354. [Includes mosquitoes.]

WOOD, R. J. 1961. Selective effects of insecticides on mosquitoes. *Genetica Agraria (Pavia)* 14(3/4):267-287.

### VARIOUS TYPES OF CONTROL

DESPLAINES VALLEY MOSQUITO ABATEMENT DISTRICT. 1962. Thirty-fourth annual report 1961. 19 pp., Lyons, Illinois.

FRESNO COUNTY SCHOOLS. 1961. Mosquitoes and their control. *Community Life Booklet*, 42 pp.

KACHROO, P. 1961. Aquatic vegetation of Damodar Valley. Part IV. Aquatic vegetation of Bokaro Reservoir and its control by herbicides. *Indian J. Malariol.* 15(3):239-248. [Association with anopheline breeding.]

IUPPOVA, E. P. 1961. Blood-sucking Diptera and their control. *Selsk. Khoz. Tadzhikistana* 15(7):28-29. In Rus. [Includes mosquitoes.]

SACRAMENTO COUNTY-YOLO COUNTY MOSQUITO ABATEMENT DISTRICT. 1962. Annual report 1961. 11 pp. plus XVII pp., N. Sacramento, Calif.

STILLIVAN, W. N., KEIDING, J. and WRIGHT, J. W. 1961. WHO studies on aircraft disinsection at "blocks away." *WHO/Insect.* 128, 20 pp., Illus.

WIPPMAN, A. 1962. Custom yard work for mosquito control. *Pest Control* 30(4):9, 11, 12, 14.

CONTROL PAPERS FROM N. J. MOSQUITO EXTERMIN. ASSOC. PROC. 48:

BEADLE, L. D. 1961. The small-watershed program and its relationship to mosquito control. pp. 134-139.

CHAVOOSHIAN, B. B. 1961. Coordinated planning to aid in mosquito control. pp. 126-128.

FLEMINGS, M. B. and WALLER, I. 1961. Mosquito surveillance and control in the First U. S. Army Area. pp. 67-69.

GIES, R. W. 1961. Progress report on the work of the Delaware Valley Council Interstate Committee on mosquito control. pp. 83-85.

KIRKLAND, C. J. 1961. The effects of urbanization on mosquito control. pp. 118-120.

MCCRAY, E. M., JR., JENSEN, J. A. and SCHOOF, H. F. 1961. Cobalt-60 sterilization studies with *Aedes aegypti* (L.). pp. 110-115.

REHN, J. W. H. 1961. Mosquito control at the U. S. Naval Ammunition Depot, Earle, New Jersey. pp. 115-118.

WEIDHAAS, D. E., FORD, H. R., GAHAN, J. B. and SMITH, C. N. 1961. Preliminary observations on chemosterilization of mosquitoes. pp. 106-109.

WEST, A. S. 1961. Biting fly control on the Quebec north shore. pp. 87-95. [Includes mosquitoes.]

#### PARASITES AND PREDATORS

LAIRD, M. 1962. *Coelomomyces* fungi, an important group of mosquito parasites. WHO/EBL/1, WHO/Mal/334, WHO/Fil/42, 4 pp.

TUZET, O., RIOUX, J. A. and MANIER, J. F. 1961. *Rubetella culicis* (Tuzet et Manier 1947), Trichomyète rameau parasite de l'ampoule rectale des larves de culicidés. (Morphologie et spécificité) (1). Vie et Milieu 12(1):166-187.

#### EQUIPMENT

HUDSON, H. D. MANUFACTURING COMPANY. 1962. A manual for the operation, maintenance and repair of the Hudson X-pert Disease Vector Control Sprayer. Hudson Manuf. Co. Form. No. 871-224. 18 pp.

ISAAC, L. W. and HOAG, V. M. 1962. A simple inexpensive air pressure sprayer. Mosquito News 22(1):50-51.

KNIFE, F. W. 1961. Effectiveness of DDT residual sprays when delivered at specific pressures. WHO Bul. 25(2):219-226.

#### RESISTANCE AND SUSCEPTIBILITY

BELIOS, G. D. 1962. Resistance of malaria vectors in Greece. The situation in 1960. WHO/Mal/307 Add. 1. 1 p.

BROWN, A. W. A. 1961. Ecological consequences of the development of resistance. IUCN Symposium. (Warsaw, July 15-24, 1960). pp. 33-37. [Leiden, E. J. Brill.]

\_\_\_\_\_. 1961. Studies on the biochemistry and genetics of insecticide-resistance in mosquitoes: a progress report. N. J. Mosquito Extermin. Assoc. Proc. 48:139-147.

BUSVINE, J. R. 1961. Insecticide-resistant strains of insects in England by 1961. WHO/Insect./127, 3 pp. Illus.

CORRÊA, R. R. and DA FONSECA, J. A. B. 1961. Suscetibilidade do *Anopheles darlingi* ao DDT ao dieltrín no município de Dourado (Estado São Paulo). Arq. de Hig. e Saúde Púb. 26(8): 237-247. Engl. Sum.

CULLEN, J. R. and ZULUETA, J. DE. 1962. Observations on the irritability of mosquitoes to DDT in Uganda. WHO/Mal/331, WHO/Insect./121 pp.

DAVIDSON, G. and JACKSON, C. E. 1961. DDT resistance in *Anopheles stephensi*. WHO Bul. (2):209-217.

GARMS, R. and KUHLOW, F. 1961. Seasonal variations in tolerance to DDT and dieltrín *Anopheles labranchiae atroparvus* Van Thiel, East Friesland. Riv. di Malariol. 40(4/6):25-265. Engl., Ger. and Ital. Sum.

HAMON, J. and EYRAUD, M. 1961. Étude de facteurs physiologiques conditionnant, chez *Anopheles* l'irritabilité au DDT. Riv. di Malariol. 40(4/6):219-242. Engl. and Fr. Sum.

HAMON, J. and GARRETT-JONES, C. 1962. Insecticide-resistance in major vectors of malaria at its operational importance. WHO/Mal/336, 4 pp.

HAMON, J. and MOUCHET, J. 1961. Observations sur les méthodes actuellement disponibles pour déterminer la sensibilité aux insecticides d'insectes d'importance médicale. Soc. de Pat. Exot. Bul. 54(5):1143-1156. Engl. Sum. [Includes mosquitoes.]

MOUCHET, J. and CAVALIÉ, P. 1961. L'irritabilité vis à vis du DDT d'*Anopheles gambiae* d'*A. funestus* dans le Nord-Cameroun. Riv. di Malariol. 40(4/6):191-217. Engl. and Fr. Sum.

NARASIMHAN, D. 1961. Field survey of insecticide susceptibility of disease vectors. *Anopheles* in Kotah (Rajasthan). Indian J. Pub. Health 5(2):57-60.

PESSON, P. 1960. Quelques problèmes posés au biologiste par les insectes résistants aux insecticides. Ghent, Landbhogesch. Meded. 25(3/4) 993-1008.

PLAPP, F. W., JR. and EDDY, G. W. 1961. Synergism of malathion against resistant insects. Science 134(3495):2043. [Includes mosquitoes.]

WORLD HEALTH ORGANIZATION. 1961. Seventh summary of cases of insecticide resistance in anopheline mosquitoes. WHO/Mal/325, WHO/Insect./129, 22 pp., Illus.

#### INSECTICIDES AND CHEMICALS

MALLACK, J. C., JOSEPH, S. R. and FOSTER, J. R. 1961. The masking of insecticidal odors in mosquito control sprays. N. J. Mosquito Extermin. Assoc. Proc. 48:181-183.

SUTHERLAND, D. J. and BAST, T. F. 1961. Laboratory studies on new chemicals and formulations for mosquito larvae. N. J. Mosquito Extermin. Assoc. Proc. 48:164-168.

#### TOXICOLOGY

HEYNDRICKX, A. 1960. Fatal and chronic intoxications by man due to insecticides and

- topharmaceuticals in the Belgian Congo and  
anda-Urundi. Ghent, Landbhogesch. Meded.  
(3/4):1542-1548.
- HILSENHOFF, W. L. 1962. Toxicity of granular  
dlathion to walleyed pike fingerlings. Mosquito  
ews 22(1):14-15. [No hazard noted.]
- KENNEDY, D. 1962. Notes on the legislative  
ntrol of poisons in New Zealand with particular  
erence to insecticides. WHO/Insect./132, 22  
.
- PETERS, H. S. 1961. Getting together on mos-  
ito control. N. J. Mosquito Extermin. Assoc.  
oc. 48:63-67.
- RUBER, E. and JOBBINS, D. M. 1961. Some  
fects of mosquito larvicides on salt marsh micro-  
ganisms. N. J. Mosquito Extermin. Assoc. Proc.  
3:159-163.
- SCHLOEDER, F. X. 1961. Unusual toxic reac-  
on to amodiaquine (camaoquin). Report of a  
se. Arch. Dermatol. 84(4):601-602.
- WORLD HEALTH ORGANIZATION. 1962. Infor-  
ation circular on the toxicity of pesticides to  
an. No. 8, 28 pp.
- . 1962. Toxic hazards of pesticides to  
an. Twelfth report of the Expert Committee on  
nsecticides. WHO Tech. Rpt. Ser. 227, 32 pp.
- ### BEHAVIOR, BIOLOGY AND ECOLOGY
- ACOSTA, M. 1960. Preferencias alimenticias  
el *Anopheles pseudopunctipennis* y *A. irianun-*  
s en el Perú. Rev. Med. Expt. (Lima) 13(1/2):  
7-83. Engl. Sum.
- BAST, T. F. 1961. A note on flight periodicity  
f mosquitoes. N. J. Mosquito Extermin. Assoc.  
roc. 48:203-211.
- CARPENTER, S. J. 1961. Observations on the  
istribution and ecology of mountain *Aedes* mos-  
quitoes in California. II. *Aedes cataphylla* Dyar.  
alif. Vector Views 8(12):61-63, 65.
- . 1962. Observations on the distribu-  
on and ecology of mountain *Aedes* mosquitoes  
1 California. III. *Aedes communis* (De Geer).  
alif. Vector Views 9(2):5-9.
- CORBET, P. S. 1961. Entomological studies  
om a high tower in Mpanga Forest, Uganda.  
V. Mosquito breeding at different levels in and  
bove the forest. VI. Nocturnal flight activity of  
ulicidae and Tabanidae as indicated by light-  
aps. VIII. The age-composition of biting popu-  
ations according to time and level. Roy. Ent.  
oc. London Trans. 113(11):275-283; 301-314;  
36-345.
- . 1961. Field studies on biting flies,  
atches of mosquitoes and tabanids at mercury-  
apour light. Observations on the swarming of  
osquitoes near ground-level. Mosquito breeding  
t different levels. The biting cycle of *Ae. och-*  
*actus*. East Afr. Virus Res. Inst. Rpt. 11:35-36,  
8, 39-40.
- and HADDOW, A. J. 1961. Field studies  
n biting flies. The swarming of male mosqui-  
es and tabanids over the tower. East Afr. Virus  
es. Inst. Rpt. 11:36-38.
- DOUCET, J. 1961. Moustiques forestiers de la  
République de Côte-d'Ivoire. IV. Étude de l'at-  
traction par les rayons ultra-violetes et de l'ag-  
ressivité pour l'homme au cours de 24 heures, des  
moustiques des arbres de la forêt du Banco.  
(Abidjan). Soc. de Path. Exot. Bul. 54(5):1164-  
1183. Engl. Sum.
- FORATTINI, O. P., CORRÊA, R. R., RABELLO, E.  
X. and GUARITA, O. 1961. Algumas observações  
sobre a densidade de anofelinos *Kerteszia* no Estado  
de São Paulo, Brasil. Arq. de Hig. e Saúde Púb.  
26(89):249-256. Engl. Sum.
- GILLET, J. D. and CORBET, P. S. 1961. The  
sugar-feeding-cycle in *Aedes aegypti*. Further ob-  
servations in natural light. Preliminary observa-  
tions on the possible mechanism involved. East  
Afr. Virus Res. Inst. Rpt. 11:43-44.
- and HADDOW, A. J. 1961. The  
sugar-feeding-cycle in *Aedes aegypti*. Observa-  
tions in natural light. East Afr. Virus Res. Inst.  
Rpt. 11:41-43.
- HADDOW, A. J. 1961. Field studies on biting  
flies. Twenty-four-hour catches on the steel  
tower. Catches in the sunset period. East Afr.  
Virus Res. Inst. Rpt. 11:33-35.
- . 1961. Entomological studies from a  
high tower in Mpanga Forest, Uganda. VII. The  
biting behaviour of mosquitoes and tabanids.  
Roy. Ent. Soc. London Trans. 113(11):315-335.
- and CORBET, P. S. 1961. Entomologi-  
cal studies from a high tower in Mpanga Forest,  
Uganda. II. Observations on certain environ-  
mental factors at different levels. Roy. Ent. Soc.  
London Trans. 113(11):257-269.
- HADDOW, A. J. and CORBET, P. S. 1961. Ento-  
mological studies from a high tower in Mpanga  
Forest, Uganda. V. Swarming activity above the  
forest. Roy. Ent. Soc. London Trans. 113(11):  
284-300.
- HADDOW, A. J., GILLET, J. D. and CORBET, P.  
S. 1961. Field studies on biting flies. Zika Forest.  
Removal of steel tower to Zika. East Afr. Virus  
Res. Inst. Rpt. 11:31-32. [Chiefly mosquitoes.]
- HADDOW, A. J. and SENKUBUGE, Y. 1961. The  
oviposition-cycle in *Anopheles gambiae*. East  
Afr. Virus Res. Inst. Rpt. 11:45.
- KALITSHENKO, E. I. 1962. Contributions to the  
biology of the mosquito *Culex pipiens molestus*  
Forsk. (Diptera, Culicidae). Ent. Obozr. 41(1):  
94-98. In Rus., Engl. Sum.
- OSTERGAARD, R., MURPHY, R. and AUTEN, D. K.,  
JR. 1961. *Aedes sollicitans* breeding in fresh  
water. N. J. Mosquito Extermin. Assoc. Proc. 48:  
121-122.
- SLOOFF, R. and DIJK, W. J. O. M. VAN. 1961.  
A note on *Culex (Culicomyia) spathijurra*, Ed-  
wards. Trop. and Geog. Med. 13(3):287-288.
- TINDALL, E. E. 1961. A two-year study of  
mosquito breeding and wildlife usage in the  
Little Creek impounded salt marsh, Little Creek  
Wildlife Area, Delaware, 1959-60. N. J. Mos-  
quito Extermin. Assoc. Proc. 48:100-105.

## GENETICS

DAVIDSON, G. and JACKSON, G. E. 1962. In-cipient speciation in *Anopheles gambiae*, Giles. WHO/Mal/328:1-5.

## ANATOMY, MORPHOLOGY AND PHYSIOLOGY

ANTUNES, P. C. A. and FORATTINI, O. P. 1960. Ginandromorfos de *Aedes (Stegomyia) aegypti* (L.) (Diptera, Culicidae). Rev. Brasil. de Biol. 20(4):429-434.

BROWN, A. W. A. 1961. Protective mechanisms against nerve poisons in insects. Roy. Soc. Canada Trans. 55, Ser. 3(5):25-35.

CORONEL, L. T. 1962. Morphological variation in *Anopheles gambiae*, Giles. WHO/Mal/328:6-8. Illus.

———. 1962. Morphological variation in *Anopheles gambiae*, Giles. WHO/Mal/328 Corr. 1, 1 p.

MARIANI, M. 1961. Membrana peritrofica e infettabilità degli anofeli. Riv. di Malariol. 40 (4/6):243-246. Engl. Sum.

VAN HANDEL, E. and LUM, P. T. M. 1961. Sex as regulator of triglyceride metabolism in the mosquito. Science 134(3494):1979-1980.

## TECHNIQUES

BAILEY, S. F., ELIASON, D. A. and ILTIS, W. G. 1962. Some marking and recovery techniques in *Culex tarsalis* Coq. Flight studies. Mosquito News 22(1):1-10.

BAKER, R. H., FRENCH, W. L. and KITZMILLER, J. B. 1962. Induced copulation in *Anopheles* mosquitoes. Mosquito News 22(1):16-17.

CARAVAGLIOS, N. 1961. Accoppiamento artificiale senza decapitazione del maschio in *Anopheles labranchiae* Fall. Riv. di Parassitol. 22(2):149-151. Engl. Sum.

CORBET, P. S. 1961. Field studies on biting flies. Studies on the age-composition of mosquito populations. East Afr. Virus Res. Inst. Rpt. 11:38-39.

———. 1961. The incidence of relict eggs in some mosquitoes. East Afr. Virus Res. Inst. Rpt. 11:45-46.

D'ALESSANDRO, G., MARIANI, M., BRUNO-SMIRAGLIA, C. and CARAVAGLIOS, N. 1961. Stenogamia dell'*Anopheles labranchiae* allevato in laboratorio. Riv. di Malariol. 40(4/6):267-274.

DETINOVA, T. S. 1962. Age-grouping methods in Diptera of medical importance. With special reference to some vectors of malaria. WHO Monogr. Ser. 47, 216 pp.

ELLIOTT, R. 1962. Kinetic response of mosquitoes to insecticides. Roy. Soc. Trop. Med. and Hyg. Trans. 56(1):12.

GETSOVA, A. B. and VOLKOVA, G. A. 1962. On the accumulation of radioactive isotopes by certain aquatic insects. Ent. Obozr. 41(1):109-124. [Includes mosquitoes.]

GILLET, J. D. 1961. Laboratory studies of mosquitoes. Methods of studying cyclical feeding activity. The sugar-feeding-cycle in *Aedes aegypti*. Pilot trial in artificial light. East Afr. Virus Res. Inst. Rpt. 11:40-41.

GUSCIORA, W. R. 1961. The resting box technique for the sampling of *Culiseta melanocera* (Coquillett). N. J. Mosquito Extermin. Assoc. Proc. 48:122-125.

HADDOW, A. J., CORBET, P. S. and GILLET, J. D. 1961. Entomological studies from a high tower in Mpanga Forest, Uganda. I. Introduction. Roy. Ent. Soc. London Trans. 113(11), 249-256.

HARWOOD, R. F. 1962. Trapping overwintering adults of the mosquitoes *Culex tarsalis* and *Anopheles freeborni*. Mosquito News 22(1):26-31.

HODAPP, C. J. and PARRISH, D. W. 1962. Modification of "arctic hampers" for the live shipment of adult and larval mosquitoes. Mosquito News 22(1):51-52. Illus.

JOBBINS, D. C., BURBUTIS, P. P. and CRAN, W. J. 1961. Mosquito blood-meal determinations—a cooperative project. N. J. Mosquito Extermin. Assoc. Proc. 48:211-215.

NICHOLLS, C. F. 1962. A machine for changing the positions of a pair of directional light traps to eliminate positional effects. Canad. Ent. 94(2):200-204. Illus.

RYABINKIN, L. N. and ALEKSANDROV, K. S. 1961. Visualization of sounds emitted by a mosquito. Doklady Akad. Nauk SSSR 139(2):485-487.

THOMAS, J. B. and GARDINER, L. M. 1962. A new drawing aid. Canad. Ent. 94(2):218-220. Illus.

WEATHERSBY, A. B. 1962. Colonization of six species of mosquitoes in Japan. Mosquito News 22(1):31-34.

WHITTAM, D. 1962. Aircraft guidance methods for pest control in the United States. Agr. Aviation (The Hague) 4(1):8-15.

WOODALL, J. P. 1961. Animal colonies. Mosquitoes *Anopheles gambiae*. East Afr. Virus Res. Inst. Rpt. 11:53-54.

WORTH, C. B. and JONKERS, A. H. 1962. Two traps for mosquitoes attracted to small vertebrate animals. Mosquito News 22(1):18-21. Illus.

## TAXONOMY

COLUZZI, M. 1961. Su alcuni esemplari etio-pici di *Anopheles macmahoni* Evans, 1936. Riv. di Malariol. 40(4/6):253-256. Engl. Sum.

DOBROTOWSKY, N. V. 1961. Notes on Australian mosquitoes (Diptera, Culicidae). Subgenus *Pseudoskusea*. Linn. Soc. N. S. Wales 8: (3):257-267. [*Aedes postspruclois* n. sp.]

DOUCET, J. 1961. Moustiques forestiers de la République de Côte d'Ivoire. III.—Notes biologiques et systématiques sur *Uranotaenia andreae* sp. n. et *Culex (Neoculex) vinckei* Hamon, Holstein et Rivola, 1957. Soc. de Path. Exot. Bul. 5: (5):1156-1164. Engl. Sum.

MATTINGLY, P. F. 1961. The culicine mosquitoes of the Indomalayan area. Part V. Genus *Meigen*, subgenus *Mucidus* Theobald, *Ochotatus* Lynch Arribalzaga and *Neomelanoconion* Wied. Brit. Mus. (Nat. Hist.) 62 pp. [*Aedes ussuriensis* n. sp.]

RAFFAELLI, G. and COLUZZI, M. 1961. Su *topheles* (*Myzomyia*) *hispaniola* Theobald, 1903 *Anopheles* (*Myzomyia*) *cinereus* Theobald, 1901. v. di Malarial. 40(4/6):247-251. Engl. Sum.

STOJANOVICH, C. J. 1960. Illustrated key to common mosquitoes of southeastern United States. 3 pp., Atlanta, Georgia. [P. O. Box 727; privately published.]

———. 1961. Illustrated key to common mosquitoes of northeastern North America. 49 pp., Atlanta, Georgia.

VARGAS, L. and DÍAZ NÁTERA, A. 1961. Nueva especie de *Sabethes* de México (Diptera, Culicidae). cv. Inst. Salubridad Enferm. Trop. (México) 21(1/2):73-77. Engl. Sum. [*S. ortizi* n. sp.]

VERRONE, G. A. 1962. Outline for the determination of malarial mosquitoes in Ethiopia. art 1—Adult female anophelines. Mosquito News 22(1):37-49. Illus.

#### DISTRIBUTION

BREELAND, S. G., SNOW, W. E. and PICKARD, E. 1961. Mosquitoes of the Tennessee Valley. Tenn. acad. Sci. J. 36(4):249-319.

CARPENTER, S. J. 1962. A collection of *Aedes crevissis* (Ludlow) from Idaho. Calif. Vector News 9(1):13.

COVA-GARCÍA, P. 1961. Notas sobre los anofelines de Venezuela y su identificación. Ed. 2. 12 pp., Caracas. Illus.

DAITA, S. K. 1961. Observations on mosquitoes in and near sea-port and air-port of Bombay. Ind. Soc. India for Malaria and other Mosquito-borne Dis. Bul. 9(4):213-225.

DOLLEUS, R. P. 1961. Station Expérimentale e Parasitologie de Richelieu (Indre-et-Loire). Contribution a la fauna parasitaire régionale. Chap. I. Liste des parasites pare hotes. Insectes. nn. de Parasitol. Humaine et Compar. 36(3): 57. [Includes Culicidae.]

DUPUIS, C. 1961. Station Expérimentale de arasitologie de Richelieu (Indre-et-Loire). Contribution a la fauna parasitaire régionale. Chap. I. Liste des parasites par orde systématique. Ann. e Parasitol. Humaine et Compar. 36(3):334-335. Includes Culicidae.]

LAKE, R. W. and DOLL, J. M. 1961. New mosquito distribution records, Delaware 1960-61. I. J. Mosquito Extermin. Assoc. Proc. 48:191-193.

LIPS, M. 1961. *Anopheles* du Congo (cx elge). 4. Quelques espèces forestières. Références—récoltes—répartition et importance médicale tuelle. Riv. di Parassitol. 22(3):215-230.

See also Mattingly, Stojanovich and Verrone under Taxonomy.

#### ENCEPHALITIS

BLACKMORE, J. S., LAMOTTE, L. C., SOOTER, C. A. and HOLDEN, P. 1962. Relationship of *Culex tarsalis* density to transmission rates of WE and SLE viruses. Mosquito News 22(1):11-14.

CHU, I. H. and GRAYSTON, J. T. 1962. Encephalitis on Taiwan. VI. Infections in American servicemen on Taiwan and Okinawa. Amer. J. Trop. Med. and Hyg. 11(1):159-161.

GRAYSTON, J. T., WANG, S. P. and YEN, C. H. 1962. Encephalitis on Taiwan. I. Introduction and epidemiology. Amer. J. Trop. Med. and Hyg. 11(1):126-130.

HAAC, R. 1961. Ocean County fights back. N. J. Mosquito Extermin. Assoc. Proc. 48:54-58.

HAYES, R. O. 1961. Studies on eastern encephalitis in Massachusetts during 1960. N. J. Mosquito Extermin. Assoc. Proc. 48:59-62.

——— and COWORKERS. 1962. Entomological aspects of the 1959 outbreak of eastern encephalitis in New Jersey. Amer. J. Trop. Med. and Hyg. 11(1):115-121.

HU, S. M. K. and GRAYSTON, J. T. 1962. Encephalitis on Taiwan. II. Mosquito collection and bionomic studies. Amer. J. Trop. Med. and Hyg. 11(1):131-140.

KANDLE, R. P. 1961. Summary of our present knowledge of EE in New Jersey. N. J. Mosquito Extermin. Assoc. Proc. 48:15-20.

MUSSGAY, M. 1962. Identification of equine encephalitis viruses by a simple plaque technique. Amer. J. Trop. Med. and Hyg. 11(2):291-293.

OVERTON, D. E. 1961. The people want to know about encephalitis. N. J. Mosquito Extermin. Assoc. Proc. 48:69-72.

TAKEHARA, M. and Hotta, S. 1961. Effect of enzymes on partially purified Japanese B encephalitis and related arbor viruses. Science 134(3493):1878-1879.

VARGAS, L. 1961. Bases para un programa de investigacion entomologica sobre encefalitis transmitidas por mosquitos. Rev. Inst. Salubridad. Enferm. Trop. (Mexico) 21(1/2):93-100. Engl. Sum.

WANG, S. P. and GRAYSTON, J. T. 1962. Encephalitis on Taiwan. IV. Human serology. Amer. J. Trop. Med. and Hyg. 11(1):149-154.

———, GRAYSTON, J. T. and CHU, I. H. 1962. Encephalitis on Taiwan. V. Animal and bird serology. Amer. J. Trop. Med. and Hyg. 11(1):155-158.

——— and HU, S. M. K. 1962. Encephalitis on Taiwan. III. Virus isolations from mosquitoes. Amer. J. Trop. Med. and Hyg. 11(1):141-148.

#### FILARIASIS

ABDULCADER, M. H. M. and PADLEY, R. 1961. Bancroftian microfilarial periodicity: Planning blood surveys. J. Trop. Med. and Hyg. (London) 64(6):152-155.

BEYE, H. K. and LAWLESS, D. K. 1961. Via-

- bility of microfilariae of *Wuchereria bancrofti* during prolonged storage at  $-25^{\circ}$  C. Expt. Parasitol. 11(4):319-322.
- BIRD, G. W. G. and MENON, K. K. 1961. Survival of microfilariae *bancrofti* in stored blood. Lancet 7204:721.
- CHAND, D., SINGH, M. V. and SHRIVASTAVA, R. N. 1961. Filariasis in Bahraich District, Uttar Pradesh. Indian J. Malariol. 15(3):175-184.
- DESOWITZ, R. S. and CHELLAPPAH, W. T. 1962. The transmission of *Brugia* sp. through *Culex pipiens fatigans*: The effect of age and prior non-infective blood meals on the infection rate. Roy. Soc. Trop. Med. and Hyg. Trans. 56(2):121-125.
- GHOSH, H. K. 1961. A nodular lesion associated with *Mf. bancrofti*. J. Trop. Med. and Hyg. (London) 64(10):266-267.
- JACHOWSKI, L. A., JR., GONZALES-FLORES, B. and LICHTENBERG, F. V. 1962. Filarial cytology of tropical hydroceles in Puerto Rico. Amer. J. Trop. Med. and Hyg. 11(2):220-233.
- LINDSEY, J. R. 1961. Diagnosis of filarial infections in dogs. I. Microfilarial surveys. J. Parasitol. 47(5):695-702.
- MACDONALD, W. W. and JOHNSON, M. A. 1962. Further experiments with susceptible and refractory strains of *Aedes aegypti* in relation to infection with *Brugia malayi*. Roy. Soc. Trop. Med. and Hyg. Trans. 56(1):7.
- MAHAJAN, B. K., SHAH, H. H. and MEHTA, N. R. 1961. Filaria survey in Medical College campus. Indian J. Med. Sci. 15(8):630-638.
- MAHAPATRA, G. S. 1961. Filariasis in Orissa. Assoc. Physicians India J. 9(9):677-684.
- MOON, A. P., DUXBURY, R. E. and SADUN, E. H. 1961. Maintenance of *Dirofilaria uniformis* in laboratory animals. J. Parasitol. 47(5):693-694.
- NAIR, C. P. and CHAYABEJARA, S. 1961. Studies on filariasis in Thailand. Periodicity of microfilaria. Indian J. Malariol. 15(3):249-253.
- NAIR, S. 1962. The intake of *Brugia pahangi* and *Ae. togoi*. Roy. Soc. Trop. Med. and Hyg. Trans. 56(1):8.
- RAGHUVIR, RAO, L. 1961. A note on the natural transmission of *W. bancrofti* in Bangalore (Mysore State). Nat. Soc. India for Malaria and other Mosquito-Borne Dis. Bul. 9(4):209-211.
- SHIMONO, O. 1961. Studies on *Wuchereria bancrofti* infection in Ehime Prefecture. II. Results of areal control measures. Jap. J. Parasitol. 10(1):126-134.
- SULTANA, A. 1961. A known and a new filarid from Indian birds. J. Parasitol. 47(5):713-714. [*Aproctoides alii* n. sp.]
- TERRY, A. and TERRY, R. J. and WORMS, M. J. 1961. *Dipetalonema wittei*, filarial parasite of the jird, *Meriones libycus*. II. The reproductive system, gametogenesis and development of the microfilaria. J. Parasitol. 47(5):703-711.
- TOBIE, J. E. and BEYE, H. K. 1962. Human infection with a subcutaneous filarial worm. Amer. J. Trop. Med. and Hyg. 11(1):64-67.
- VARMA, B. K., DASS, N. L. and SINHA, V. P. 1961. Studies on the incidence and transmission of filariasis in Bhagalpur Town (Bihar). Indi. J. Malariol. 15(3):185-194.
- WONGSATHUAYTHONG, S. 1961. Detection of microfilariae in peripheral blood of monkeys by microcapillary technique. J. Trop. Med. and Hyg. (London) 64(10):255-257.
- WU, Y. T. and CH'EN, W. I. 1960. Filaria endemic areas in the Taiwan proper. Part 2. Incidence of bancroftian filariasis among the native people in eastern, central and northern Taiwan and conclusion of the sampling survey of filariasis in the whole Taiwan proper. Formosan Med. Assoc. J. 59(10):1163-1170.
- ZALNI, M. A., RAMACHANDRAN, C. P. and EDESON, J. F. B. 1962. *Brugia* species in the heart of hamsters. Roy. Soc. Trop. Med. and Hyg. Trans. 56(1):6-7.

## MALARIA

ALLISON, A. C. and CLYDE, D. F. 1961. Malaria and glucose-6-phosphate dehydrogenase. Brit. Med. J. 5250:521-522.

COHEN, S., MCGREGOR, I. A. and CARRINGTON, S. 1961. Gamma-globulin and acquired immunity to human malaria. Nature (London) 19(4804):733-737.

D'HAENENS, G., LIPS, M. and MEYUS, H. 1961. Notice de la carte des zones malarologique naturelles de la République du Congo et du Ruanda-Utundi. Riv. di Parasitol. (Rome) 2(3):175-184.

ESCODIE, A. and HAMON, J. 1961. Le paludisme en Afrique Occidentale d'expression Française. Méd. Trop. (Spec. No.) 21:661-687.

JERACE, F. 1961. Malaria importata nel Comune di Roma negli anni 1950-1960. Riv. di Malariol. 40(4/6):171-181. Engl. Sum.

MAROTTA, G. 1961. Difetto enzimatico eritrocitario e patogenesi dell'emoglobinuria dei malarici. Riv. di Malariol. 40(4/6):183-189. Engl. Sum.

NATIONAL MALARIA ERADICATION PROGRAMME 1961. Mid-year meeting of State malarialogist held at Madras in July, 1961. Discussions and recommendations. Nat. Soc. India for Malaria and other Mosquito-Borne Dis. Bul. 9(4):227-242.

ROSS, R. 1961. Infection of birds with *Proteosoma* by the bites of mosquitoes. Nat. Soc. India for Malaria and other Mosquito-Borne Dis. Bul. 9(4):201-207. [This paper was originally published in Indian Med. Gaz. 34(1):1899.]

SCHOFIELD, F. D. 1962. Differences in palpable liver and spleen rates between men and women of the Sepik District, New Guinea. The effect of pregnancy and lactation. Roy. Soc. Trop. Med. and Hyg. Trans. 56(1):60-69.

SHUTE, P. G. 1961. Imported malaria. Lancet 7210:1038.

SOMA SUNDERA RAO, V., DWIVEDI, S. R. and SRIVASTAVA, H. M. L. 1961. Present status of malaria in Garo Hills, Assam. Nat. Soc. India for Malaria and other Mosquito-Borne Dis. Bul. 9(4):243-255.

- TIGANO, F., LA ROSA, F. and CANNARELLA, I. 1961. Contributo allo studio della malaria da *sfusione*. Ital. Sci. Med. Trop. e Parassitol. 16:42(6):299-314. Engl. Sum.
- TRINIDAD GOVERNMENT. 1961. Annual report of the Malaria Division, Health Department, Trinidad and Tobago, 1960. 61 pp., Port of Spain.
- WADDY, B. B. 1962. The present state of public health in the African Sudan. Roy. Soc. Trop. Med. and Hyg. Trans. 56(2):95-109. Discussion pp. 110-115. [Includes malaria.]
- WILCOCKS, C. 1962. Summary of recent abstracts. III. Malaria. Trop. Dis. Bul. 59(3):221-27; 59(4):317-332.
- WILSON, T. 1961. Malaria and glucose-6-phosphate dehydrogenase. Brit. Med. J. 5246; 45-246; 5256:895-896.
- WORLD HEALTH ORGANIZATION. 1961. Supplement to WHO/Mal/324, 6 pp. [Includes malaria surveillance in USA, transport management in India, river impoundment, Malaria Eradication Training Centre in Jamaica, use of antimalarial drugs 1959/60, et al.]
- . 1962. Supplement to WHO/Mal/332, 3 pp. [Includes malaria eradication program in Trinidad and Tobago, entomological work in the attack phase, resolution on malaria eradication, cost of spraying operations in Brazil.]
- . 1962. Supplement to WHO/Mal/333, 12 pp. [Includes outbreak of malaria in coastal belt of Br. Guiana, et al.]
- YERUTIEL, P. and GÖCKEL, C. 1961. Review of quarterly reports on surveillance operations as of September 1961. WHO/Mal/324, 17 pp. plus 2 appendices. [Appendix 1 is classification of malaria cases.]
- Malaria—Clinical Aspects*
- EARLE, W. C. 1962. The course of naturally acquired malaria. WHO/Mal/333, 52 pp.
- Malaria—Eradication*
- JOHNSON, D. R. 1961. Malaria eradication activities in Asia. N. J. Mosquito Extermin. Assoc. Proc. 48:73-80.
- OVALLE, E. G. 1962. Algunas experiencias del servicio Nacional de Erradicación de la Malaria con las tribus de la Selva Peruana. Bol. Ofic. Sanit. Panamer. 52(2):143-145.
- SÁINZ, C. C. 1961. Comentario al trabajo del Dr. Luis Vargas, sobre "Consideraciones medicosanitarias sobre erradicación." Gac. Méd. de México 91(6):495-498.
- SHAMA SASTRY, H. 1961. Results obtained in the third year of pilot study of malaria surveillance measures in Mysore State, India. Indian J. Malariol. 15(3):195-219.
- SITARAJIAN, N. L. and COWORKERS. 1961. A note on the results of surveillance programme in Sakalespur Taluk, Hassan District, Mysore State, between October 1956—February, 1960. Indian J. Malariol. 15(3):221-232.
- VARGAS, L. 1961. Consideraciones médico sanitarias sobre erradicación. Gac. Méd. de México 91(6):489-493. Engl. Sum.
- and UGALDE, A. A. 1960. La erradicación del paludismo en México durante el segundo año de cobertura integral. Rev. Inst. Salubridad Enferm. Trop. (México) 20(3):193-221. Engl. Sum.
- Malaria—Plasmodia*
- AL-DABAGH, M. A. 1961. Synergism between coccidia parasites (*Eimeria mitis* and *E. acervulina*) and malarial parasites (*Plasmodium gallinaceum* and *P. juxtannucleare* in the chick. Parasitology 51(1/2):257-261.
- BHOMBORE, S. R. and ROY, R. G. 1961. *P. malariae* infection in Bellary area of Mysore State. Nat. Soc. India for Malaria and other Mosquito-Borne Dis. Bul. 9(4):257-259.
- CARRESCIA, P. M. 1961. Infezioni da *Plasmodium berghei* in topi trattati con prednisona. Riv. di Malariol. 40(4/6):275-279. Engl. Sum.
- . 1961. Infezioni da *Plasmodium berghei* in criceti splenectomizzati. Riv. di Malariol. 40(4/6):281-284. Engl. Sum.
- COX, F. E. G. 1962. Volutin-like granules in a malaria parasite. Roy. Soc. Trop. Med. and Hyg. Trans. 56(1):13.
- DHANAPALA, S. B. 1962. The exo-erythrocytic stages of *Plasmodium juxtannucleare* (Ceylon strain) in the tissues of the chicken. Roy. Soc. Trop. Med. and Hyg. Trans. 56(1):2.
- GARNHAM, P. C. C., BIRD, R. G. and BAKER, J. R. 1962. Electron microscope studies of motile stages of malaria parasites. III. The ookinetes of *Haemamoeba* and *Plasmodium*. Roy. Soc. Trop. Med. and Hyg. Trans. 56(2):116-120.
- , HEISCH, R. B., MINTER, D. M. and FURLONG, M. 1962. The midge as a host of monkey malaria parasites: unusual site of development between eyes and brain of insect. Roy. Soc. Trop. Med. and Hyg. Trans. 56(1):1.
- HOWARD, L. M. 1961. The historical development of the current theory of the mechanism of infection of the mosquito by the malaria parasite. WHO/Mal/319, Corr. 1, 1 p.
- SKIRROW, M. B. and MAEGRAITH, B. G. 1962. Liver circulation in *P. knowlesi* malaria. Roy. Soc. Trop. Med. and Hyg. Trans. 56(1):6.
- Malaria—Simian*
- CONTACOS, P. G., ELDER, H. A., COATNEY, G. R. and GENTHER, C. 1962. Man to man transfer of two strains of *Plasmodium cynomolgi* by mosquito bite. Amer. J. Trop. Med. and Hyg. 11(2):186-193.
- COOK, L., GRANT, P. T. and KERMAK, W. O. 1961. Proteolytic enzymes of the erythrocytic

forms of rodent and simian plasmodia. Expt. Parasitol. 11(4):372-379.

RAMAKRISHNAN, S. P. and MOHAN, B. N. 1962. An enzootic focus of simian malaria in *Macaoca radiata radiata* Geoffroy of Nilgiris, Madras State, India. WHO/Mal/332, 10 pp.

— and PRAKASH, S. 1961. A note on the rapid selection of a primaquine-resistant strain of *Plasmodium knowlesi* in *Macaoca mulatta*. Nat. Soc. India for Malaria and other Mosquito-Borne Dis. Bul. 9(4):261-265.

TELLA, A. and MAEGRAITH, B. G. 1962. Bradykinin in *P. knowlesi* infection. Roy. Soc. Trop. Med. and Hyg. Trans. 56(1):6.

#### Malaria—Therapeutics and Antimalarials

CARRESCIA, P. M. 1961. Accessi febbrili ottenuti dall'azione del tioglicollato di bismuto sugli schizonti di *Plasmodium vivax*. Riv. di Malariol. 40(4/6):147-169. Engl. Sum.

CLYDE, D. F. 1962. Mass administration of an antimalarial drug combining 4-aminoquinoline and 8-aminoquinoline in Tanganyika. WHO/Mal/320, Corr. 1, 1 p.

COATNEY, G. R. and GETZ, M. E. 1962. Primaquine and quinocide as curative agents against sporozoite-induced Chesson strain *vivax* malaria. WHO/Mal/327, 8 pp.

DIJK, W. J. O. M. VAN. 1961. Mass treatment of malaria with chloroquine. Results of a trial in Inanwatan. Trop. and Geog. Med. 13(4):351-356.

ESCUDE, A., HAMON, J., RICOSSÉ, J. H. and CHARTOL, A. 1961. Résultats de deux années de chimioprophylaxie antipaludique en milieu rural africain dans la zone pilote de Bobo Dioulasso (Haute Volta). Méd. Trop. (Spec. No.) 21:689-728.

EYLES, D. E. and COATNEY, G. R. 1962. Effect of certain drugs on exocytic parasites of *Plasmodium cynomolgi*. Amer. J. Trop. Med. and Hyg. 11(2):175-185.

FUHRMANN, G. 1961. Zum nachweis von antimarialmitteln in körperflüssigkeiten und ausscheidungen. I. Mitteilung: Ein verbesserter und vereinfachter feldtest zur bestimmung von chloroquin (resochin) im urin. Z. f. Tropenmed. u Parasit. 12(2):152-160.

GAUDETTE, L. E., TITUS, E. D. and COATNEY, G. R. 1961. Physiological disposition of pyrimethamine-H<sup>3</sup>. Expt. Parasitol. 11(2/3):152-155.

HOEKENGA, M. T. 1962. Intramuscular amopyroquin for acute malaria. Amer. J. Trop. Med. 11(1):1-5.

MABERTI, S. 1960. Desarrollo de resistencia a la pirimetamina. Presentación de 15 casos estudiados en Trujillo, Venezuela. Arch. Venezol. de Med. Trop. y Parasit. Méd. 3(2):239-259. Engl. Sum.

RODRIGUES, D. C. 1961. Casos de malária por *Plasmodium falciparum* resistentes ao tratamento

pela cloroquina. Arq. de Hig. e Saude P 26(89):231-235. Engl. Sum.

SCHNEIDER, J., ESCUDIÉ, A. and HAMON, 1961. Eradication du paludisme et chimiot Résultats d'un essai de l'association: "amin quinoléine"/"amino-8 quinoléine" dans la "zone pilote" de Bobo-Dioulasso (Haute-Volta). S de Path. Exot. Bul. 54(5):1012-1025. Engl. Su

TRAGER, W. 1961. Effect of drugs on the fa and folinic acid contents of erythrocytes infect with malaria parasites. Expt. Parasitol. 11(2/3):298-304.

#### Malaria—Vectors

HAMON, J. and MOUCHET, J. 1961. Les vecteurs secondaires du paludisme humain en Afrique Méd. Trop. (Spec. No.) 21:643-660.

WHARTON, R. H. 1962. Vector problems Malaya. WHO/Mal/330, 5 pp.

#### YELLOW FEVER

BERDONNEAU, R. and COWORKERS. 1961. S l'épidémie de fièvre jaune de l'année 1959 Ethiopie (Frontière soudano-éthiopienne). Soc. Path. Exot. Bul. 54(2):276-283.

WILCOCKS, C. 1962. Summary of recent a stracts. II. Yellow fever. Trop. Dis. Bul. 59(2) 113-114.

#### ARBOVIRUSES

ANDREWS, J. M. 1962. Introduction to th 26th Craig Lecturer, Dr. Richard Moreland Taylor Amer. J. Trop. Med. and Hyg. 11(2):167-174

GILLET, J. D. 1961. East African Virus R search Institute, Entebbe. Report 11, 1960-6 50 pp.

GORGAS MEMORIAL INSTITUTE OF TROPICAL AN PREVENTIVE MEDICINE, INCORPORATED. 196 The thirty-third annual report of the work at operations of the Gorgas Memorial Laborator fiscal year 1961. 65 pp. [Includes arbovirus and antimalarials.]

HADDOW, A. J., WILLIAMS, M. C. and WOODAL J. P. 1961. Chikungunya near Entebbe, Uganda Virus isolations from biting flies. Epidemiolog East Afr. Virus Res. Inst. Rpt. 11:16-17. 1 [Includes mosquitoes.]

REEVES, W. C., MARIOTTE, C. O., JOHNSON, I M. and SCRIVANI, R. E. 1962. Encuesta serológica sobre los virus transmitidos por artrópodos c la zona de Hermosillo, México. Bol. Ofic. San Panamer. 52(3):228-230.

SCHERER, W. F., FUNKENBUSCH, M., BUESCHE E. L. and IZUMI, T. 1962. Sagiya virus, new group A arthropod-borne virus from Japa. I. Isolation, immunologic classification, an ecologic observations. Amer. J. Trop. Med. an Hyg. 11(2):255-268.

SCHERER, W. F., IZUMI, T., MCCOWN, J. an HARDY, J. L. 1962. Sagiya virus. II. SOFT



ologic, physical, chemical and immunologic properties. Amer. J. Trop. Med. and Hyg. 11(2): 92-82.

SHOPE, R. and CAUSEY, O. R. 1962. Further studies on the serological relationships of group C thropod-borne viruses and the application of these relationships to rapid identification of types. met. J. Trop. Med. and Hyg. 11(2):283-290.

TAYLOR, R. M. 1962. Purpose and progress in cataloguing and exchanging information on thropod-borne viruses. (The Twenty-sixth Charles Franklin Craig Lecture). Amer. J. Trop. Med. and Hyg. 11(2):169-174.

WILLIAMS and GILLET, J. D. 1961. O'nyong-nyong fever. East Afr. Virus Res. Inst. Rpt. 11: 1-13, 15.

— and WOODALL, J. P. 1961. Outbreaks of disease in East Africa. Dengue-like disease in Morogoro District, Tanganyika. East Afr. Virus Res. Inst. Rpt. 11:16.

—, WOODALL, J. P. and PORTERFIELD, S. 1962. O'nyong-nyong fever: An epidemic virus disease in East Africa. V. Human antibody studies by plaque inhibition and other serological tests. Roy. Soc. Trop. Med. and Hyg. Trans. 56(2):166-172.

WORK, T. H. 1961. The expanding role of thropod-borne viruses in tropical medicine. Indus. Council Trop. Health Indus. and Trop. Health 4:225-245.

#### LITERATURE REFERENCES AND REVIEWS

SOLLERS, H. 1961. The 1960 world-wide attack on mosquitoes. N. J. Mosquito Extermin. Assoc. Proc. 48:20-53.

—, 1962. References to literature of interest to mosquito workers and malariologists. Mosquito News 22(1):62-71.

WORLD HEALTH ORGANIZATION. 1962. A list of WHO/Mal documents issued in 1961. WHO/Mal/326, 5 pp.

—, 1962. Malaria information and supplement to WHO/Mal. Index for 1961. Supplement to WHO/Mal/326, 3 pp.

#### SUBJECTS NOT COVERED BY OTHER HEADINGS

ALDIGHIERI, J., ALDIGHIERI, R., FONDARAI, J. and SAUTET, J. 1961. Étude statistique préliminaire de mesures biométriques effectuées sur des larves d'*Aedes aegypti* appartenant à des souches les différentes provenances. Soc. de Path. Exot. Bul. 54(5):1124-1131.

BICKLEY, W. E. 1961. Greetings from the

American Mosquito Control Association. N. J. Mosquito Extermin. Assoc. Proc. 48:85-86.

CALIFORNIA MOSQUITO CONTROL ASSOCIATION. 1962. Year book. 40 pp.

DILLISTON, W. H. 1961. Activities of the State Mosquito Control Commission. N. J. Mosquito Extermin. Assoc. Proc. 48:12-15.

DIRMHRN, I. 1961. Entomological studies from a high tower in Mpanga Forest, Uganda. III. Light intensity at different levels. Roy. Ent. Soc. London Trans. 113(11):270-274.

ERICSON, R. O. 1961. A glossary of some foreign-language terms in entomology. U. S. Dept. Agr. Handb. 218, 59 pp.

FERRIGNO, F. 1961. Variations in mosquito-wildlife associations on coastal marshes. N. J. Mosquito Extermin. Assoc. Proc. 48:193-203.

GORDON, R. M. and LAVOPIERRE, M. M. J. 1962. Entomology for students of medicine. 353 pp., Oxford. [Data on mosquitoes pp. 83-130.]

HERMS, W. B. 1961. Medical entomology. Fifth edition, revised by M. T. James. 616 pp., New York.

McFADZEAN, J. A. and MACDONALD, W. W. 1961. An investigation of the possible role of mosquitoes and bed bugs in the transmission of leprosy. Roy. Soc. Trop. Med. and Hyg. Trans. 55(3):232-234. [Negative results.]

ROBERTS, J. A. 1961. Experimental transmission of *Borrelia anserina* (Sakharoff 1891) by *Aedes aegypti*. Nature (London) 191(4794): 1225.

SCOTT, J. D. 1961. President's address. N. J. Mosquito Extermin. Assoc. Proc. 48:6-8.

SIVEL, R. F., GIES, R. W. and KLAWITTER, C. R. 1961. Use of a training manual for sub-professional mosquito control workers. N. J. Mosquito Extermin. Assoc. Proc. 48:80-82.

STARNES, O. 1961. The role of research and coordination in mosquito control. N. J. Mosquito Extermin. Assoc. Proc. 48:8-11.

THURMAN, E. B. 1961. The Public Health Service Research Grants program. N. J. Mosquito Extermin. Assoc. Proc. 48:96-99.

TRUMAN, L. C. 1962. Correspondence course in pest control technology. Lesson 16. Flies and mosquitoes. Pest Control 30(4):49-59.

WALLACE, F. G. and JOHNSON, A. 1961. The infectivity of old cultured strains of mosquito flagellates. J. Insect. Path. 3(1):75-80.

#### ERRATUM

In Mosquito News 21(1):76, Malaria—Plasmodia section, change Payan, H., Sauter, J. and Aldighieri, R. to read Payan, H., Sauter, J. Aldighieri, J. and Aldighieri, R.

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