Bibliographie

Bibliographie.

5 Naturwissenschaften — Science naturelles — Natural Sciences

576.8 Mikrobiologie, Bakteriologie, Parasitologie
576.85 Systematische Bakteriologie
576.88 Pflanzen als Parasiten
576.89 Tiere als Parasiten. Krankheitsüberträger
576.893.1 Protozoa
576.894 Mollusca
576.895 Articulata

---

5 Naturwissenschaften — Sciences naturelles — Natural Sciences

576.8 Mikrobiologie. Bakteriologie. Parasitologie — Microbiologie. Bactériologie. Parasitologie — Microbiology. Bacteriology. Parasitology

FAUST, ERNEST CARROLL., BEAVER, PAUL CHESTER & JUNG, RODNEY CLIFTON. (1962). Animal agents and vectors of human disease. 2nd edition. 485 pp. ill. — London: Henry Kimpton

GARNHAM, P. C. C. (1962). Parasitological problems in tropical medicine. — Repr. Radioisotopes in Tropical Medicine, p. 305-321

GOODWIN, L. G. & NIMMO-SMITH, R. H. (Ed.) (1962). Drugs, parasites and hosts. A symposium on relation between chemotherapeutic drugs, infecting organisms and hosts. 367 pp. ill. — London: J. & A. Churchill Ltd.

GURR, EDWARD. (1962). Staining, animal tissues, practical and theoretical. 631 pp. ill. — London: Leonhard Hill

HARRIS, R. J. C. (Ed.) (1962). The problems of laboratory animal disease. A symposium held at Liblice and Smolenice, 1-5 September 1961, under the auspices of UNESCO and of the National Institutes of Health, U.S. Public Health Service. 265 pp. ill. — New York and London: Academic Press Inc.

MOULDER, JAMES W. (1962). The biochemistry of intracellular parasitism. 172 pp. ill. — Chicago: The University of Chicago Press

PESSÔA, S. B. (1963). Parasitologia médica. 6. ed. 849 pp. ill. — Rio de Janeiro: Guanabara

SCHELL, STEWART C. (1962). A parasitology laboratory manual. 96 pp. ill. — New York: John Wiley & Sons Inc.

576.851 Eubacteriales

FELSENFELD, O., MUKERJEE, S. & NASUNIYA, N. (1962). Some characteristics of El-Tor vibrios isolated from the 1961-1962 epidemic. — J. trop. Med. Hyg. *65,* 200-202

HUDSON, B. W., QUAN, S. F. & KARTMAN, L. (1962). Efficacy of fluorescent antibody methods for detection of *Pasteurella pestis* in carcasses of albino laboratory mice stored for various periods. — J. Hyg. *60,* 443-450

NICOLLE, P. et al. (1962). Recherches en vue d'établir une lysotypie pour les vibrions cholériques et les vibrions d'El-Tor. — Rev. Hyg. Méd. soc. *10,* 91-126

OYE, E. VAN. (1962). Note historique sur la découverte de *Salmonella aertrijcke (S. typhimurium).* — Biol. Jaarboek *30,* 483-491

STAUB, A.-M. & FOREST, N. (1963). Etude immunochimique sur les *Salmonella*. 9. Premiers résultats sur le facteur 27 des *Salmonella* des groupes B, A et D, converties par le phage 27. — Ann. Inst. Pasteur *104,* 371-383

WALKER, R. V. (1962). Studies on the immune response of guinea pigs to the envelope substance of *Pasteurella pestis*. 1. Immunogenicity and persistence of large doses of fraction I in guinea pigs observed with fluorescent antibody. 2. Fluorescent antibody studies of cellular and tissue response in mice and guinea pigs to large doses of fraction I. 3. Immunounresponsiveness to high concentrations of fractions I in oil. — J. Immunol. *88,* 153-163; 164-173; 174-183

576.851.7 Rickettsia. Bartonella

BERTRAM, D. S. (1962). Rickettsial infection and ticks. — Symp. zool. Soc. London, No. 6, 179-197

BURGDORFER, WILLY et al. (1962). Ecology of Rocky Mountain spotted fever in Western Montana. — 1. Isolation of *Rickettsia rickettsii* from wild mammals. — Amer. J. Hyg. *76,* 293-301

HEISCH, R. B. et al. (1962). Feral aspects of rickettsial infections in Kenya. — Trans. roy. Soc. trop. Med. Hyg. *56,* 272-286

MAILLOUX, M. (1962). Présence de *Rickettsia burneti* chez des rats d'Alger. — C. R. Soc. Biol. *156,* 608-609

ORMSBEE, RICHARD A. (1962). A method of purifying *Coxiella burnetii* and other pathogenic rickettsiae. — J. Immunol. *88,* 100-108

SIDWELL, R. W. & GEBHARDT, L. P. (1962). Q fever antibody response in experimentally infected wild rodents and laboratory animals. — J. Immunol. *89,* 318-322

576.856 Spirochaetales

CARLEY, J. G. & POPE, J. H. (1962). A new species of Borrelia *(B. queenslandica)* from *Rattus villosissimus* in Queensland. — Aust. J. exp. Biol. med. Sci. *40,* 255-262

CZEKALOWSKI, J. W. (1963). Electronmicroscopical studies on the structure of *Leptospirae*. — Acta Leidensia *32,* 71-74

HEISCH, R. B. & HARVEY, A. E. C. (1962). Experiments with *Spirochaeta tillae* Zumpt and Organ. — E. Afr. med. J. *39,* 609-611

KIRSCHNER, L. (1963). Recent investigations of leptospira on solid media (Satellitism of virulent *Leptospira icterohaemorrhagiae*). — Acta Leidensia *32,* 161-167

KOLOCHINE, B. & MAILLOUX, M. (1962). Physiologie et métabolisme des leptospires. Vol. 1, 193 pp. — Paris: Masson = Monographie de l'Institut Pasteur

VARMA, M. G. R. (1962). Transmission of relapsing fever spirochaetes by ticks. — Symp. zool. Soc. London No. 6, 61-82

ZUMPT, F. (1962). Eine neue Spirochaeten-Art *Borrelia tillae,* Zumpt & Organ, aus *Ornithodorus zumpti* Heisch und Guggisberg und aus Wildratten in Südafrika. — Verhandl. 11. Int. Kongreß für Entomol. Wien 1960, 107-108

576.858 Virus

BRYGOO, E. R., SUREAU, P. & LE NOC, P. (1962). Virus et germes fécaux des mouches de l'agglomération urbaine de Tananarive. — Bull. Soc. Path. exot. *55,* 866-881

DOWNS, W. G. (1962). Arthropod-borne encephalitis viruses in the West Indies areas. 3. A serological survey of Jamaica, W.I. — West Indian med. J. *11,* 253-264

DOWNS, WILBUR G., SPENCE, L. & AITKEN, T. H. G. (1962). Studies on the virus of Venezuelan equine encephalomyelitis in Trinidad, W.I. 3. Reisolation of virus. — Amer. J. trop. Med. Hyg. *11,* 841-843

KOKERNOT, R. H. et al. (1962). Isolation of viruses from mosquitoes collected at Lumbo, Mozambique. I-III. — Amer. J. trop. Med. Hyg. *11,* 678-686

LIKAR, MIHA., BUCKLEY, SONJA M. & CLARKE, DELPHINE H. (1962). Improved conditions for the production of arthropod-borne viral hemagglutinins in infected HeLa cell cultures. — Virology *18,* 648-649

METTLER, N. E., MACNAMARA, LESTER G. & SHOPE, R. E. (1962). The propagation of the virus of epizootic hemorrhagic disease of deer in newborn mice and HeLa cells. — J. exp. Med. *116,* 665-678

NIELSEN, G. & MARQUARDT, J. (1962). Eine infektiöse Untereinheit von Ribonucleinsäurecharakter aus Gehirnen von Gelbfiebervirus-infizierten Mäusen. — Arch. ges. Virusforsch. *12,* 335-345

NOLAN, KATHLEEN et al. (1962). Adenovirus type 3 infection in Brisbane. — Med. J. Aust. Suppl. 235-238

PETERS, DIETRICH, MÜLLER, GÜNTHER & GEISTER, RUDOLF. (1962). Zur Deutung sogenannter «inkompletter» Formen bei Negativkontrastierung von Viren. — Arch. ges. Virusforsch. *12,* 437-440

PETERS, D., NIELSEN, G. & BAYER, M. E. (1962). Variola. Die Zuverlässigkeit der elektronen-mikroskopischen Schnelldiagnostik. — Dtsch. med. Wschr. *87,* 2240-2246

PHILIP, CORNELIUS B. (1962). Transmission of yellow fever virus by aged *Aedes aegypti* and comments on some other mosquito-virus relationships. — Amer. J. trop. Med. Hyg. *11,* 697-701

POPE, J. H. (1962). The isolation of a mouse leukemia virus resembling friend virus. — Aust. J. exp. Biol. med. Sci. *40,* 263-276

REEVES, WILLIAM C. et al. (1962). Encuesta serologica sobre los virus transmitidos por artropodos en la zona de Hermosillo, Mexico. — Bol. Ofic. sanit. panamer. *52,* 228-230

REHÁČEK, J. (1962). Transovarial transmission of tick-borne encephalitis virus by ticks. — Acta virol. *6,* 220-226

SHOPE, ROBERT E. & CAUSEY, OTTIS R. (1962). Further studies on the serological relationships of group C arthropod-borne viruses and the application of these relationships to rapid identification of types. — Amer. J. trop. Med. Hyg. *11,* 283-290

SPENCE, L., ANDERSON, C. R. & DOWNS, W. G. (1962). Isolation of Illhéus virus from human beings in Trinidad, West Indies. — Trans. roy. Soc. trop. Med. Hyg. *56,* 504-509

TAYLOR, R. M. (1962). Purpose and progress in cataloguing and exchanging information on arthropod-borne viruses. — Amer. J. trop. Med. Hyg. *11,* 169-174

TIGERTT, W. D., BERGE, TRYGVE O. & DOWNS, WILBUR G. (1962). Studies on the virus of Venezuelan equine encephalomyelitis in Trinidad, W.I. 2. Serological status of human beings, 1954-1958. — Amer. J. trop. Med. Hyg. *11,* 835-840

WALKER, GEORGINA et al. (1962). O'nyong-nyong fever: an epidemic virus disease in East Africa. VI. Alopecia in mice experimentally infected with O'nyong-nyong virus. — Trans. roy. Soc. trop. Med. Hyg. *56,* 496-503

WEBB, H. E. & CHATTERJEA, J. B. (1962). Clinicopathological observations on monkeys infected with Kyasanur forest disease virus, with special reference to the haemopoietic system. — Brit. J. Haematol. *8,* 401-413

Whitman, Loring & Shope, Robert E. (1962). The California complex of

arthropod-borne viruses and its relationship to the bunyamwera group through guaroa virus. — Amer. J. trop. Med. Hyg. *11,* 691-696

576.88 Pflanzen als Parasiten — Plantes parasitaires — Parasitic Plants

BAYLET, R. et al. (1962). Histoplasmose expérimentale du singe. — Bull. Soc. Path. exot. *55,* 31-35

ROSENTHAL, STANLEY A. & VANBREUSEGHEM, R. (1962). Viability of dermatophytes in epilated hairs. — Arch. Dermatol. *85,* 103-105

ROSENTHAL, STANLEY A. & VANBREUSEGHEM, R. (1962). Etudes sur les besoins nutritifs de *Saouraudites (Microsporum) langeroni, Langeronia (Trichophyton) soudanensis et Trichophyton yaoundii.* — Ann. Soc. belge Méd. trop. *42,* 129-132

VANBREUSEGHEM, R. (1962). La contribution belge à l'étude de la mycologie médicale au Congo ex-belge et au Rwanda-Burundi. — Bruxelles-Méd. *42:* 217-220

VANBREUSEGHEM, R. et al. (1962). Activité fongistatique, pharmacodynamique et thérapeutique du 3 : 5 dichloro-4'-fluorothiocarbanilide. — Biochem. Pharmacol. *11,* 813-822

WENK, PETER. (1962). Über die Ursachen der Selbstheilung der experimentellen Meerschweinchen-Trichophytie. — Z. Tropenmed. Parasit. *13,* 201-218

576.89 Tiere als Parasiten. Krankheitsüberträger — Animaux parasitaires. Vecteurs de maladies — Parasitic Animals. Disease Carriers

576.893.1 Protozoa

BAERNSTEIN, HARRY D. (1963). A review of electron transport mechanisms in parasitic protozoa. — J. Parasit. *49,* 12-21

BRAY, R. S. & GARNHAM, P. C. C. (1962). The Giemsa-colophonium method for staining protozoa in tissue sections — Indian J. Malariol. *16,* 153-155

CORLISS, JOHN O. (1962). Taxonomic-nomenclatural practices in protozoology and the new international code of zoological nomenclature. — J. Protozool. *9,* 307-324

CORLISS, JOHN O. (1962). Taxonomic procedures in classification of protozoa. — Symposia Soc. gen. Microbiol. Nr. XII, Microbiol. Classification, 37-67

GARNHAM, P. C. C., BAKER, J. R. & BIRD, R. G. (1962). The fine structure of *Lankesterella garnhami.* — J. Protozool *9,* 107-114

GRELL, KARL G. (1962). Morphologie und Fortpflanzung der Protozoen (einschließlich Entwicklungsphysiologie und Genetik). — Fortschritte Zool. *14,* 1-85

HOARE, C. A. (1962). Reservoir hosts and natural foci of human protozoal infections. — Acta trop. *19,* 281-317

JANAKIDEVI, KILAMBI. (1962). On *Retortamonas cheloni* sp. nov., a parasitic protozoon from the starred tortoise. — Parasitology *52,* 165-168

KRAMPITZ, H. E. (1962). Über Haemococcidien der Gattung *Hepatozoon.* — Z. Parasitenkunde *22,* 93

MACKERRAS, M. JOSEPHINE. (1962). The life history of Hepatozoon (Sporozoa: Adelaidea) of varanid lizards in Australia. — Austr. J. Zool. *10,* 35-44

OCHOTERENA, EUCARIO LOPEZ. (1962). Protozoarios ciliados de Mexico, I. — Acta zool. mexicana *6,* 1-6

RAYNAUD, J.-P. & UILENBERG, G. (1962). Prospection des hématozoaires et tiques de bovins à Madagascar. 1. Recherches dans la province de Tananarive,

2. Recherches complémentaires et conclusions. — Rev. Elév. Méd. vét. Pays trop. *15,* 137-153

STAUBER, LESLIE A. (1963). Some aspects of immunity to intracellular protozoan parasites. — J. Parasit. *49,* 3-11

TRAGER, WILLIAM. (1963). Differentiation in protozoa. — J. Protozool. *10,* 1-6

ZUCKERMAN, A. (1962). Immunity of protozoa. — Bull. Res. Council Israel *10e,* 102-109

576.893.12 Amoebozoa

ABÉ, T. H. (1963). Morpho-physiological study of ameboid movement. 3. Invisible gel structures in the endoplasm of an ameba of the verrucosa type. — J. Protozool. *10,* 94-101

HUSSEIN, Z. H. (1963). The pathogenicity of *Entamoeba histolytica.* 2. Amoebic culture. — Trans. roy. Soc. trop. Med. Hyg. *57,* 101-111

PHILLIPS, BRUCE P. (1962). Further studies with ameba-trypanosome cultures. — Amer. J. trop. Med. Hyg. *11,* 6-11

STECK, FRANZ. (1962). Pathogenese and klinisches Bild der Amoebendysenterie der Reptilien. — Acta trop. *19,* 318-354

WILES, H. L. (1963). The passage of bacteriologically sterile *Entamoeba histolytica* in hamster livers. — Ann. trop. Med. Parasit. *57,* 71-74

ZAMAN, V. (1962). An electron microscopic observation of starch ingestion by *Entamoeba invadens.* — Trans. roy. Soc. trop. Med. Hyg. *56,* 535-537

576.893.16 Flagellata

ATCHLEY, F. O. & BECKER, E. R. (1962). Depression of parasitemia in *Trypanosoma lewisi* infection of rats injected with 6-Mercaptopurine. — J. Parasit. *48,* 578-583

BAKER, J. R. (1962). Infection of the chimpanzee *(Pan troglodytes verus)* with *Trypanosoma rhodesiense* and *T. brucei.* — Ann. trop. Med. Parasit. *56,* 216-217

BERSON, J. P. (1962). Utilisation du liquide de Hanks pour la conservation de *Trypanosoma congolense* par le froid. — Bull. Soc. Path. exot. *55,* 804-806

BIGOTTI, A. et al. (1962). Tripanosomiasi sperimentale della cavia da *Trypanosoma brucei:* quadro anatomo patologico. — Arch. Ital. Sci. med. trop. Parasit. *43,* 511-532

BRENER, Z. (1962). Observaçôes sôbre a imunidade a superinfecçôes em camundongos experimentalmente inoculados com *Trypanosoma cruzi* e submetidos a tratamento. — Rev. Inst. Med. trop. São Paulo *4,* 119-123

CUNNINGHAM, M. P. & HARLEY, J. M. B. (1962). Preservation of living metacyclic forms of the *Trypanosoma brucei* sub-group. — Nature *194,* 1186

D'ALESANDRO, P. A. (1962). *In vitro* studies of Ablastin, the reproduction-inhibiting antibody to *Trypanosoma lewisi.* — J. Protozool. *9,* 351-358

DODIN, A. & FROMENTIN, H. (1962). Premier essai de culture de trypanosomes en milieu synthétique. — Bull. Soc. Path. exot. *55,* 797-803

DOMINGUEZ, A. & JAFFÉ, R. (1962). Beiträge zur Biologie des Entwicklungszyklus von *Trypanosoma cruzi* im infizierten Organismus. — Z. Tropenmed. Parasit. *13,* 304-308

DOWNS, WILBUR G. (1963). The presence of *Trypanosoma cruzi* in the Island of Trinidad, W.I. — J. Parasit. *49,* 50

ERCOLI, N. (1962). Drug sensitivity and serological variations in *Trypanosoma equiperdum* following nitrogen mustard treatment. — J. Protozool. *9,* 474-477

FAGARD, P.; CHARDOME, M. & PEEL, E. (1962). Transmission d'un trypanosome du groupe brucei aux embryons de poulet par inoculation sur la membrane chorio-allantoïdienne. Naissance d'un poussin infecté d'un trypanosome du groupe brucei. — Ann. Soc. belge Méd. trop. *42,* 697-702

FAIRBAIRN, H. (1962). Measurements of strains of *Trypanosoma congolense.* — Ann. trop. Med. Parasit. *56,* 218-221

FLÜCK, V. (1962). Tiefkühl-Konservierung von *Trypanosoma cruzi* in einem der natürlichen Überträger *(Triatoma infestans).* — Acta trop. *19,* 355-357

GALLIARD, H., LAPIERRE, J. & COSTE, M. (1962). Contribution à l'étude d'une souche pathogène de *Trypanosoma cruzi* (souche Tulahen, Chili). — Ann. Parasit. hum. comp. *37,* 495-513

GARNHAM, P. C. C. (1962). Cutaneous leishmaniasis in the new world with special reference to *Leishmania mexicana.* — Scient. Repts. Ist. Super. Sanità *2,* 76-82

GARNHAM, P. C. C. & BIRD, R. C. (1962). A preliminary study of the fine structure of *Leishmania mexicana* as seen under the electron microscope. — Scient. Repts. Ist. Super. Sanità *2,* 83-88

GARNHAM, P. C. C. & GONZALES-MUGABURU, L. (1962). A new trypanosome in *Saimiri* monkeys from Colombia. — Rev. Inst. Med. trop. São Paulo *4,* 79-84

GOBLE, FRANS C. & BOYD, JAMES L. (1962). Reticulo-endothelial blockade in experimental Chagas disease. — J. Parasit. *48,* 223-228

HAWKING, FRANK. (1962). Estimation of the concentration of Melarsoprol (Mel B) and Mel W in biological fluids by bioassay with trypanosomes *in vitro.* — Trans. roy. Soc. trop. Med. Hyg. *56,* 354-363

HAWKING, FRANK. (1962). A strain of *Trypanosoma vivax* studies in the United Kingdom. — Ann. trop. Med. Parasit. *56,* 222-224

HEWITT, REGINALD, ENTWISTLE, JOSEPH & GILL, EDNA. (1963). Quantitative determination of critical mortality periods in untreated and treated infections with the B strain of *Trypanosoma cruzi* in mice. — J. Parasit. *49,* 22-30

HEYNEMAN, DONALD & MANSOUR, NOSHY S. (1962). Leishmaniasis in the Sudan Republic. 3. Temperature tolerance and *in vitro* survival studies on LD-bodies of *Leishmania donovani,* Malakal strain. — J. Egypt. publ. Hlth Ass. *37,* 75-92

HEYNEMAN, DONALD & MANSOUR, NOSHY S. (1962). Leishmaniasis in the Sudan Republic. 7. Testing of various animal bloods and concentrations in cultures of *Leishmania SPP,* with notes on *Leptomonad* survival in chick embryo cultures. — J. Egypt. publ. Hlth Ass. *37,* 189-216

HILL, J. (1962). Virulence of *Trypanosoma congolense* in mice treated with prophylactic phenanthridinium drug (M & B 4596B). — Ann. trop. Med. Parasit. *56,* 426-429

LINCICOME, DAVID RICHARD & SHEPPERSON, JACQUELINE. (1963). Increased rate of growth of mice infected with *Trypanosoma duttoni.* — J. Parasit. *49,* 31-34

LIPPI, M., DOMINICIS, A. DE & FRUGONI, G. (1962). Fixation von radioaktivem kolloidalem Gold (Au^{198}) in der Leber von Meerschweinchen, infiziert mit *Trypanosoma brucei.* — Z. Tropenmed. Parasit. *13,* 29-33

OLIVA, J. BRAVO et al. (1963). Estudio de los aspectos citoquímicos des *Trypanosoma equiperdum* y de las células sanguíneas de cobayas parasitados. — Med. trop. (Madr.) *39,* 7-16

PAUTRIZEL, R. et al. (1962). Etude de la spécificité de la réaction d'agglutination des trypanosomes au cours des trypanosomoses. — Bull. Soc. Path. exot. *55,* 383-390

PEEL, E. (1962). Identification of metacyclic trypanosomes in the hypopharynx of tsetse flies infected in nature or in the laboratory. — Trans. roy. Soc. trop. Med. Hyg. *56,* 339-341

POUL, J. & PALLAS, P. (1962). Persistance de *Leishmania donovani* dans l'organisme du chien après la guérison clinique et sérologique de la leishmaniose générale. — Arch. Inst. Pasteur *40,* 25-32

QADRI, SYED SHAMSUDDIN. (1962). The development in culture of *Trypanosoma striati* from an Indian fish. — Parasitology *52,* 229-235

QADRI, SYED SHAMSUDDIN. (1962). An experimental study of the life cycle of *Trypanosoma danilewski* in leech, *Hemiclepsis marginata.* — J. Protozool. *9,* 254-258

SIMMONDS, A. M. & LEGGATE, B. M. (1962). A survey method of trypanosome infections in *Glossina.* — Nature *194,* 1297-1298

STEPHEN, L. E. (1962). A mensural study of division in *Trypanosoma simiae* and *Trypanosoma congolense.* — J. Protozool. *9,* 450-454

STEPHEN, L. E. (1962). Some observations on the behaviour of trypanosomes occurring in cattle previously treated with prophylactic drugs. — Ann. trop. Med. Parasit. *56,* 415-421

STEPHEN, L. E. (1962). An unidentified trypanosome found in the blood of a goat infected by wild *Glossina morsitans.* — Ann. trop. Med. Parasit. *56,* 422-425

TREJOS, A. et al. (1963). Effects of temperature on morphologic variation of *Schizotrypanum cruzi* in tissue culture. — Exp. Parasit. *13,* 211-218

VASALLO, MATILLA F. (1962). Estudio clinico de la infecction por el *Tr. equiperdum* en ratas blancas. — Med. trop. (Madr.) *38,* 261-272

WERTLIEB, DAVID M. & GUTTMANN, HELENE NATHAN. (1963). Catalase in insect trypanosomatids. — J. Protozool. *10,* 109-112

ZELEDÓN, RODRIGO & LIZANO, CECILIA. (1962). Experimental infection of the guinea pig with Chagas disease and superimposed leishmaniasis, and electrophoretic analysis of the serum. — Rev. Inst. Med. trop. São Paulo, *4,* 124-129

ZUCKERMAN, AVIVAH. (1962). Some observations on immunity to *Leishmania tropica.* — Sci. Repts. Ist. Super. Sanità *2,* 95-102

576.893.19 Sporozoa

ALGER, NELDA E. (1963). Distribution of schizonts of *Plasmodium berghei* in tissues of rats, mice and hamsters. — J. Protozool. *10,* 6-10

BISHOP, ANN. (1962). An analysis of the development of resistance to proguanil and pyrimethamine in *Plasmodium gallinaceum.* — Parasitology *52,* 495-518

BRAY, R. S., BURGESS, R. W. & BAKER, J. R. (1963). Studies on malaria in chimpanzees. 10. The presumed second generation of the tissue phase of *Plasmodium ovale.* — Amer. J. trop. Med. Hyg. *12,* 1-12

BRAY, R. S. & GUNDERS, A. E. (1962). Studies on malaria in chimpanzees. 9. The distribution of the pre-erythrocytic forms of *Laverania falcipara.* — Amer. J. trop. Med. Hyg. *11,* 437-439

BRAY, R. S. & GUNDERS, A. E. (1963). Studies on malaria in chimpanzees. 11. The early forms of the pre-erythrocytic phase of *Laverania falcipara.* — Amer. J. trop. Med. Hyg. *12,* 13-18

COX, F. E. G.; NICOL, T. & BILBEY, D. L. J. (1963). Reticulo-endothelial activity in *Haemamoeba* (= *Plasmodium*) *gallinacea* infections. — J. Protozool. *10,* 107-109

DUNN, F. L., EYLES, DON E. & YAP, L. F. (1963). *Plasmodium sandoshami* sp. nov., a new species of malaria parasite from the Malayan flying lemur. — Ann. trop. Med. Parasit. *57,* 75-79

EYLES, DON E., LAING, A. B. G. & YAP LOY FONG. (1962). *Plasmodium fieldi* sp. nov., a new species of malaria parasite from the pig-tailed macaque in Malaya. — Ann. trop. Med. Parasit. *56,* 242-247

EYLES, DON E. et al. (1962). *Plasmodium coatneyi,* a new species of primate malaria from Malaya. — Amer. J. trop. Med. Hyg. *11,* 597-604

FLETCHER, K. A. & MAEGRAITH, B. G. (1962). Intracellular phagotrophy by *Plasmodium knowlesi.* — Ann. trop. Med. Parasit. *56,* 492-495

GARNHAM, P. C. C., BAKER, J. R. & BIRD, R. G. (1962). Fine structure of cystic form of *Toxoplasma gondii.* — Brit. med. J. I, 83-94

GARNHAM, P. C. C., BIRD, R. G. & BAKER, J. R. (1963). Elektron microscope studies of motile stages of malaria parasites. 4. The fine structure of the sporozoites of four species of Plasmodium. — Trans. roy. Soc. trop. Med. Hyg. *57,* 27-31

GIROUD, P., CAPPONI, M. & DUMAS, N. (1962). De la maladie inapparente à la maladie mortelle chez le rat blanc infecté par *Toxoplasma gondi* et traité aux stéroïdes synthétiques. — Bull. Soc. Path. exot. *55,* 335-339

JACOBI, K. & KRETSCHMAR, W. (1962). Milchtherapie der Malaria-Infektion *(Plasmodium berghei)* bei der Maus. — Z. Tropenmed. Parasit. *13,* 286-304

KAUFMAN, HERBERT E. & MALONEY, EMILY D. (1962). Multiplication of three strains of *Toxoplasma gondii* in tissue culture. — J. Parasit. *48,* 358-361

KRETSCHMAR, W. (1962). Resistenz und Immunität bei mit *Plasmodium berghei* infizierten Mäusen. — Z. Tropenmed. Parasit. *13,* 159-175

MAEGRAITH, B. G., RILEY, M. V. & DEEGAN, T. (1962). Changes in the metabolism of liver mitochondria of monkeys infected with *Plasmodium knowlesi,* and their importance in the pathogenesis of malaria. — Ann. trop. Med. Parasit. *56,* 483-491

MANWELL, R. D. (1962). A new species of avian plasmodium. — J. Protozool. *9,* 401-403

PRINGLE, G. (1962). Experimental malaria infections in "saltwater" and "freshwater" *Anopheles gambiae* from East Africa. — Trans. roy. Soc. trop. Med. Hyg. *56,* 379-382

RIFAAT, M. A. & MORSY, T. A. (1962). Experimental transmission of toxoplasmosis in laboratory animals and birds. — J. trop. Med. Hyg. *65,* 314-317

RILEY, M. V. & MAEGRAITH, B. C. (1962). Changes in the metabolism of liver mitochondria of mice infected with rapid acute *Plasmodium berghei* malaria. — Ann. trop. Med. Parasit. *56,* 473-482

SPIRA, DAN & ZUCKERMAN, AVIVAH. (1962). Antigenic structure of *Plasmodium vinckei.* — Science *137,* 536-537

TOBIE, JOHN E. et al. (1962). Fluorescent antibody studies on cross reactions between human and simian malaria in normal volunteers. — Amer. J. trop. Med. Hyg. *11,* 589-596

VOLLER, A. (1962). Fluorescent antibody studies on malaria parasites. — Bull. Wld Hlth Org. *27,* 283-287

VOLLER, A. & BRAY, R. S. (1962). Fluorescent antibody staining as a measure of malarial antibody. — Proc. Soc. exp. Biol. Med. *110,* 907-910

VOLLER, A. & TAFFS, L. F. (1963). Fluorescent-antibody staining of exoerythrocytic stages of *Plasmodium gallinaceum.* — Trans. roy. Soc. trop. Med. Hyg. *57,* 32-33

WARD, RONALD A. (1962). Preservation of mosquitoes for malarial oocyst and sporozoite dissections. — Mosquito News *22,* 306-307

WESTPHAL, ALBERT. (1962). Zur Problematik der Blutinfektion mit Plasmodien und Methodik des mikroskopischen Pigmentnachweises. — Z. Tropenmed. Parasit. *13,* 460-464

YOUNG, MARTIN D. (1962). Failure of chloroquine and amodiaquine to suppress *Plasmodium falciparum.* — Trans. roy. Soc. trop. Med. Hyg. *56,* 252-256

576.894 Mollusca

DESCHIENS, R. & FLOCH, H. (1962). Etude comparée de l'action molluscicide des diméthyl-dithiocarbamates de cuivre et de zinc à des fins de prophylaxie des bilharzioses. — Bull. Soc. Path. exot. *55,* 807-815

FOSTER, R. (1962). Further observations on trials with Bayluscide against certain East African snails. — Pflanzenschutz-Nachrichten Bayer, 75-82

FOX, IRWING, RITCHIE, LAWRENCE S. & FRICK, LYMAN P. (1963). Effect of pH on molluscicidal activity of Bayer 73 vs *Autralorbis glabratus* of Puerto Rico under laboratory conditions. — Exp. Parasit. *13,* 167-172

MALEK, EMILE A. (1962). Laboratory guide and notes for medical malacology. 154 pp. ill. — Minneapolis: Burgess Publ. Co.

MANDAHL-BARTH G. (1962). Key to the identification of East and Central African freshwater snails of medical and veterinary importance. — Bull. Wld Hlth Org. *27,* 135-150

OLIVIER, L., HASKINS, W. T. & GURIAN, JOAN. (1962). The action of very low concentrations of sodium pentachlorophenate on freshly laid eggs of *Australorbis glabratus.* — Bull. Wld Hlth Org. *27,* 87-94

VAN DER SCHALIE, HENRY, GETZ, LOWELL L. & DAZO, BONIFACIO C. (1962). Hybrids between American Pomatiopsis and Oriental Oncomelania snails. — Amer. J. trop. Med. Hyg. *11,* 418-420

WRIGHT, C. A. & ROSS, G. C. (1963). Electrophoretic studies of blood and egg proteins in *Australorbis glabratus* (Gastropoda, Planorbidae). — Ann. trop. Med. Parasit. *57,* 47-58

576.895 Articulata

576.895.1 Vermes

FERNEX, MICHEL & FERNEX, PIERRE. (1962). Increased number of mast cells and helminthic diseases. Experimental mastocytosis in mice. — Acta trop. *19,* 249-251

THORSON, RALPH E. (1963). Physiology of immunity to helminth infections. — Exp. Parasit. *13,* 3-12

576.895.121 Cestoda

CAPRON, A. & ROSE, F. (1962). Sur la constitution des œufs d'helminthes. 2. L'alcool-acido-résistance chez les cestodes. Différence de colorabilité par le Ziehl des embryophores de *Taenia saginata* et *Taenia solium.* — Bull. Soc. Path. exot. *55,* 765-767

COLEMAN, R. M. & FOTORNY, N. M. (1962). *In vivo* isolation of *Hymenolepis nana* and antibodybinding sites. — Nature *195,* 920-921

HEYNEMAN, DONALD. (1962). Studies on helminth immunity. 1. Comparison between lumenal and tissue phases of infection in the white mouse by *Hymenolepis nana* (Cestoda: Hymenolepididae). — Amer. J. trop. Med. Hyg. *11,* 46-63

HEYNEMAN, DONALD. (1962). Studies on helminth immunity. 2. Influence of *Hymenolepis nana* (Cestoda: Hymenolepididae) in dual infections with *H. diminuta* in white mice and rats. — Exp. Parasit. *12,* 7-18.

HEYNEMAN, DONALD. (1962). Studies of helminth immunity. 3. Experimental verification of autoinfection from cysticercoids of *Hymenolepis nana* in the white mouse. — J. infect. Dis. *109,* 10-18

HEYNEMAN, DONALD. (1962). Studies on helminth immunity. 4. Rapid onset of resistance by the white mouse against a challenging infection with eggs of *Hymenolepis nana* (Cestoda: Hymenolepididae). — J. Immunol. *88,* 217-220

HINZ, E. (1962). Vergleichende Untersuchungen an der experimentellen Zystizerkose von Ratte und Maus. — Z. Tropenmed. Parasit. *13,* 182-194

KILEJIAN, A., SAUER, K., & SCHWABE, C. W. (1962). Host-parasite relationships in echinococcosis. 7. Infrared spectra and chemical composition of the hydatid cyst. — Exp. Parasit. *12,* 377-392

SMYTH, J. D. (1962). The chromosome number of *Echinococcus granulosus.* — J. Parasit. *48,* 544

576.895.122 Trematoda

ANDERSON, ROBERT I. (1962). Relationship of antibody nitrogen to titer obtained in the cercarial antigen slide flocculation test for schistosomiasis. — Exp. Parasit. *12,* 434-440

BARBOSA, FREDERICO S. (1962). Problèmes de nomenclature au sujet des vecteurs actuels et potentiels de *Schistosoma mansoni* en Afrique et en Amérique. — Ann. Parasit. hum. comp. *37,* 861-869

BERRIE, A. D. & GOODMAN, J. D. (1962). The occurrence of *Schistosoma rodhaini* Brumpt in Uganda. — Ann. trop. Med. Parasit. *56,* 297-301

BREWSTER, D. J. et al. (1962). The effect of acute schistosomiasis upon the appetite of the rat. — Ann. trop Med. Parasit. *56,* 44-46

BRUCE, J. I., WARREN, K. S. & SADUN, E. H. (1963). Observations on the pathophysiology of *Schistosomiasis mansoni* in monkeys. — Exp. Parasit. *13,* 194-198

BRUYNING, C. F. A. (1963). Opmerkingen over de specificiteit en de intensiteit van de circumovale precipitatie-reactie bij experimentele *Schistosoma mansoni* infecties. — Acta Leidensia *32,* 62-74

CHERMIN, ELI & DUNAVAN, CARYL A. (1962). The influence of host-parasite dispersion upon the capacity of *Schistosoma mansoni* miracidia to infect *Australorbis glabratus.* — Amer. J. trop. Med. Hyg. *11,* 455-471

COELHO, M. V. (1962). Susceptibility of *Australorbis tenagophilus* to *Schistosoma mansoni* infection. — Rev. Inst. Med. trop. São Paulo *4,* 289-295

COUTINHO-ABATH, E., MAGALHAES, A. & BARBOSA, J. M. (1962). Liver lesions in Swiss albino mice experimentally infected with *Schistosoma mansoni* and submitted to different dietary protein levels. — Rev. Inst. Med. trop. São Paulo *4,* 311-322

ETGES, F. J. & DECKER, C. L. (1963). Chemosensitivity of the miracidium of *Schistosoma mansoni* to *Australorbis glabratus* and other snails. — J. Parasit. *49,* 114-116

GEAKE, CAROL RENS. (1962). "Lung shift" in mice infected with *Schistosoma mansoni* following chemotherapy. — Amer. J. trop. Med. Hyg. *11,* 477-480

GRÉTILLAT, SIMON. (1962). Etude du cycle évolutif du schistosome des ruminants domestiques de l'Ouest Africain, et confirmation de l'espèce *Schistosoma curassoni* Brumpt 1931. — Ann. Parasit. hum. comp. *37,* 556-568

HEARNSHAW, G. R. et al. (1962). The effect of an acute infection and of a light repeated infection with schistosomiasis upon the activity of albino mice. — Ann. trop. Med. Parasit. *56,* 200-205

HEWITT, REGINALD & GILL, EDNA. (1962). Relationships between the age of

the infections and the lung shift of mature *Schistosoma mansoni* in mice following therapy with tartar emetic. — Amer. J. trop. Med. Hyg. *11,* 613-619

JORDAN, P. & RANDALL, KAE. (1962). Schistosomiasis in Tanganyika. Observations on suppressive management of *Schistosoma haematobium* with TWSb, with particular reference to reduction in ova load. — Trans. roy. Soc. trop. Med. Hyg. *56,* 523-528

LEYTHAM, G. W. H. et al. (1962). The effect of schistosomiasis upon activity in the albino rat. — Ann. trop. Med. Parasit. *56,* 195-199

LI HSÜ, S. Y., DAVIS, J. R. & HSÜ, H. F. (1962). Pathology in Rhesus monkeys infected with the Formosan strain of *Schistosoma japonicum.* — Z. Tropenmed. Parasit. *13,* 341-356

LI HSÜ, S. Y., HSÜ, H. F. & CHU, K. Y. (1962). Interbreeding of geographic strains of *Schistosoma japonicum.* — Trans. roy. Soc. trop. Med. Hyg. *56,* 383-385

LICHTENBERG, F. VON, SADUN, E. H. & BRUCE, J. I. (1962). Tissue responses and mechanisms of resistance in Schistosomiasis mansoni in abnormal hosts. — Amer. J. trop. Med. Hyg. *11,* 347-356

LIE KIAN, JOE. (1963). The life history of *Echinostoma malayanum* Leiper, 1911 (Trematoda, Echinostomatidae). — Acta Leidensia *32,* 180-190

LUTTERMOSER, GEORGE W. (1963). Infection of rodents with *Schistosoma mansoni* by ingestion of infected snails. — J. Parasit. *49,* 150

MCCLELLAND, W. E. J. & JORDAN, P. (1962). Schistosomiasis at Bukoba, Tanganyika, on Lake Victoria. — Ann. trop. Med. Parasit. *56,* 396-400

MOORE, DONALD V., CRANDALL, RICHARD B. & HUNTER III, GEORGE W. (1963). Studies on Schistosomiasis. 20. Further studies on the immunogenic significance of *Schistosoma mansoni* eggs in albino mice when subjected to homologous challenge. — J. Parasit. *49,* 117-120

MOOSE, JOHN W. (1963). Growth inhibition of young *Oncomelania nosophora* exposed to *Schistosoma japonicum.* — J. Parasit. *49,* 151-152

NEWSOME, J. (1962). Maturation of schistosome eggs *in vitro.* — Nature *195,* 722-723

ONORI, E. (1962). Observations on variations in *Schistosoma haematobium* egg output, and on the relationship between the average of infected persons and the prevalence of infection in a community. — Ann. trop. Med. Parasit. *56,* 292-296

ONORI, E., MCCULLOUGH, F. S. & ROSEI, L. (1963). Schistosomiasis in the Volta Region of Ghana. — Ann. trop. Med. Hyg. *57,* 59-70

PITCHFORD, R. J. & VISSER, P. S. (1962). Results of exposing mice to schistosomiasis by immersion in natural water. — Trans. roy. Soc. trop. Med. Hyg. *56,* 294-301

RADKE, MYRON G. & SADUN, ELVIO H. (1963). Resistance produced in mice by exposure to irradiated *Schistosoma mansoni* cercariae. — Exp. Parasit. *13,* 134-142

RICHARD, JOSETTE. (1962). Trématodes d'oiseaux de Madagascar. — Bull. Mus. nat. Hist. nat. *34,* 2e sér. 172-183

RICHARDS, CHARLES S. (1963). Infectivity of *Schistosoma mansoni* for Puerto Rican mollusks, including a new potential intermediate host. — Amer. J. trop. Med. Hyg. *12,* 26-33

RITCHIE, L. S., CARSON, S. & ERICKSON, D. C. (1962). Attempts to induce resistance against *Schistosoma mansoni* by injecting cercarial adult worm and egg homogenates in sequence. — J. Parasit. *48,* 233-236

ROUSSET, JEAN-JACQUES, HOUIN, RENÉ & BUTTNER, ALICE (1962). Acido-alcoolo-

résistance de divers œufs de Schistosomes. Modification de la technique de Brygoo, Capron et Randriamalala. — Ann. Parasit. hum. comp. *37,* 866-869

SENFT, A. W. & SENFT, DEBORAH, G. (1962). A chemically defined medium for maintenance of *Schistosoma mansoni.* — J. Parasit. *48,* 551-554

SMITHERS, S. R. (1962). Stimulation of acquired resistance to *Schistosoma mansoni* in monkeys, role of eggs and worms. — Exp. Parasit. *12,* 263-273

STAHL, WALTER, OLIVER-GONZÁLES, JOSÉ & RIVERA DE SALA, AMINA. (1963). Antibody response to immunization with *Schistosoma mansoni* egg antigen-antibody complex. — Exp. Parasit. *13,* 204-210

TARGETT, G. A. T. (1962). A study of the amino acids present in *Lymnaea stagnalis, Planorbis corneus* and *Australorbis glabratus* before and after infection with *Schistosoma mansoni.* — Ann. trop. Med. Parasit. *56,* 210-215

VOGEL, H. (1962). Beobachtungen über die erworbene Immunität von Rhesusaffen gegen Schistosoma-Infektionen. — Z. Tropenmed. Parasit. *13,* 397-404

WARREN, KENNETH S. (1963). The contribution of worm burden und host response to the development of hepato-splenic *Schistosomiasis mansoni* in mice. — Amer. J. trop. Med. Hyg. *12,* 34-39

576.895.132 Nematoda

ALICATA, J. E. (1962). Observations on the occurrence of the rat-lungworm, *Angiostrongylus cantonensis* in New Caledonia and Fiji. — J. Parasit. *48,* 595

ALICATA, JOSEPH E. & BROWN, ROBERT W. (1962). Observations on the method of human infection with *Angiostrongylus cantonensis* in Tahiti. — Canad. J. Zool. *40,* 755-760

ALICATA, JOSEPH E., LOISON, GUY & CAVALLO, ANDRÉ. (1963). Parasitic meningoencephalitis experimentally produced in a monkey with larvae of *Angiostrongylus cantonensis.* — J. Parasit. *49,* 156-157

DUKE, B. O. L. (1962). Studies on factors influencing the transmission of onchocerciasis. 1. The survival rate of *Simulium damnosum* under laboratory conditions and the effect upon it of *Onchocerca volvulus.* 2. The intake of *Onchocerca volvulus* microfilariae by *Simulium damnosum* and the survival of the parasites in the flies under laboratory conditions. — Ann. trop. Med. Parasit. *56,* 130-135; 255-263

ESSLINGER, J. H. (1962). Behavior of microfilariae of *Brugia pahangi* in *Anopheles quadrimaculatus.* — Amer. J. trop. Med. Hyg. *11,* 749-758

FERNANDO, M. A. (1963). Metabolism of hookworms. 1. Observations on the oxidative metabolism of free living third stage larvae of *Necator americanus.* — Exp. Parasit. *13,* 90-97

JORDAN, P. & GOATLY, K. D. (1962). Bancroftian filariasis in Tanganyika: a quantitative study of the uptake, fate and development of microfilariae of *Wuchereria bancrofti* in *Culex fatigans.* — Ann. trop. Med. Parasit. *56,* 173-187

LEBIED, B. (1962). Data, précisions et notions concernant l'évolution intrasyncytiale des filariata chez les arthropodes. — Parassitologia *4,* 177-180

MACDONALD, W. W. (1962). The genetic basis of susceptibility to infection with semi-periodic *Brugia malayi* in *Aedes aegypti.* — Ann. trop. Med. Parasit. *56,* 373-382

MACKERRAS, JOSEPHINE M. (1962). Filarial parasites *(Nematoda: Filarioidea)* of Australian animals. — Austr. J. Zool. *10,* 400-457

MATSUSAKI, G. (1962) Studies on the life history of the hookworms. 4. The morphological studies on the developement of the first stage larvae of

Ancylostoma duodenale and *Necator americanus*. — Yokohama med. Bull. *13*, 265-277

SCHACHER, J. F. (1962). Developmental stages of *Brugia pahangi* in the final host. — J. Parasit. *48*, 693-706

THOMPSON, P. E., WORLEY, D. E. & MCCLAY, PRISCILLA. (1962). Effects of bis (2,4,5-Trichlorophenol) piperazine salt against intestinal nematodes in laboratory animals. — J. Parasit. *48*, 572-577

576.895.2 Arthropoda

576.895.4 Arachnoidea

CLIFFORD, CARLETON M. & KEEGAN, HUGH L. (1963). A redescription of *Andreacarus petersi* Radford, 1953 (Acarina Laelaptidae) and clarification of the status of this genus within the subfamily Laelaptinae. — J. Parasit. *49*, 125-129

CLIFFORD, CARLETON M. & KOHLS, GLEN M. (1962). Description of the female of *Dermacentor latus* Cooley and of *Amblyomma albopictum* Neumann (Acarina-Ixodidae). — J. Parasit. *48*, 486-489

DOMROW, R. (1962). The genus Siseca in Australia (Acarina: Trombiculidae). — J. ent. Soc. Queensland *1*, 21-24

DOMROW, R. (1962). Mammals of Innisfail. 2. Their mite parasites. — Austr. J. Zool. *10*, 268-306

FEARNHEAD, E. A. (1962). Investigation on the bionomics of *Ornithodoros zumpti* Heisch et Guggisberg (Ixodoidea: Argasidae). — Z. Parasitenk. *22*, 114-117

FELDMAN-MUHSAM, B. (1962). Revision of the genus Hyalomma. 3. *H. lusitanicum* Koch and *H. anatolicum* K. — Parasitology *52*, 211-219

HOOGSTRAAL, HARRY. (1962). Description of *Ornithodoros (Reticulinasus) madagascariensis* n. sp. (Ixodoidea, Argasidae). — Acarologia *4*, 185-189

HOOGSTRAAL, HARRY. (1962). Rediscovery, redescription and relationship of *Haemaphysalis vidua* Warburton and Nuttall, 1909 (Ixodoidea, Ixodidae) from Malaya. — J. Parasit. *48*, 719-725

HOOGSTRAAL, HARRY & VARMA, M. G. R. (1962). *Haemaphysalis cornupunctata* sp. n. from Kashmir, with notes on *H. sundrai* Sharif and *H. sewelli* Sharif of India and Pakistan (Ixodoidea, Ixodidae). — J. Parasit. *48*, 185-194

JACK, K. M. (1962). Observation on the genus *Pterygosoma* (Acari: Pterygosomidae). — Parasitology *52*, 261-295

KOHLS, G. M. (1962). A new species of Ixodes from Malaya (Acarina: Ixodidae). — Proc. entomol. Soc. Washington *64*, 103-105

KOHLS, GLEN M. & HOOGSTRAAL, HARRY. (1962). Bat ticks of the genus Argas (Ixodoidea, Argasidae). 4. *A. (Carios) australiensis* n. sp. from Australia. — Ann. entomol. Soc. America *55*, 555-559

ROSHDY, M. A. (1962). Comparative internal morphology of subgenera of Argas ticks (Ixodoidea, Argasidae). 1. Subgenus *Carios Argas verspertillionis* (Latreille, 1802), 2. Subgenus *Chiropterargas: Argas boueti* Roubaud and Colas-Belcour, 1933. — J. Parasit. *48*, 623-630

576.895.7 Hexapoda

ADVANCES in Insect Physiology. (1963). Ed. by J. W. L. Beament, J. E. Treherne & V. B. Wigglesworth. Vol. 1. 400 pp. ill. — London & New York: Academic Press

BORKOVEC, A. B. (1962). Sexual sterilization of insects by chemicals. Eradication of harmful insects may be achieved with analogs of cancer chemotherapeutic agents. — Science *137*, 1034-1037

INSECT PATHOLOGY. (1962 & 1963). Ed. by Edward A. Steinhaus. 2 vols. 1300 pp. ill. — London & New York: Academic Press

WEYER, F. (1962). Aktuelle Aufgaben der tropenmedizinischen Entomologie. — Z. Tropenmed. Parasit. *13,* 239-261

576.895.75 Hemiptera

AGOSIN, M. & DINAMARCA, MARIA LUISA. (1963). The effect of DDT on the level of di- and triphosphopyridine nucleotides in *Triatoma infestans.* — Exp. Parasit. *13,* 199-203

PICK, F. (1962). Sur le mode de déposition des œufs par *Triatoma megista* et par *Rhodnius prolixus.* — Ann. Parasit. hum. comp. *37,* 338-347

PICK, F. (1962). Sur la signification fonctionnelle de l'ornementation des œufs des Réduvidés hématophages. — Ann. Parasit. hum comp. *37,* 404-407

VILLIERS, A. (1962). Sur quelques Hémiptères Réduviides de la République du Congo. — Bull. IFAN *24 A,* 886-890

576.895.77 Diptera

STUCKENBERG, B. R. (1962). Appendix to Dr. Zumpt's review of the Calliphorinae of the Madagascan region. — Verhandl. Naturf. Ges. Basel *73,* 101-106

ZUMPT, F. (1962). The Oestroid flies of wild and domestic animals in the Ethiopian region, with a discussion of their medical and veterinary importance *(Diptera: Oestrinae & Gasterophilidae).* — Z. ang. Zool. *49,* 393-419

ZUMPT, F. (1962). The Calliphoridae of the Madagascan region (Diptera). Part. I. Calliphorinae. — Verhandl. Naturf. Ges. Basel *73,* 41-100

576.895.771 Nematocera

ABONNENC, E. (1962). Sur un phlébotome nouveau de la Haute Volta, *Phlebotomus diapagai* nov. sp. — Arch. Inst. Pasteur Algérie *40,* 220-224

HOOGSTRAAL, HARRY, DIETLEIN, DONALD R. & HEYNEMAN, DONALD. (1962). Leishmaniasis in the Sudan Republic. 4. Preliminary observations on man biting sandflies *(Psychodidae, Phlebotomus)* in certain upper Nile endemic areas. — Trans. roy. Soc. trop. Med. Hyg. *56,* 411-422

KETTLE, D. S. (1962). The bionomics and control of *Culicoides* and *Leptoconops.* (Diptera, Ceratopogonidae = Heleidae). — Ann. Rev. Entomol. *7,* 401-418

MINTER, D. M. & WIJERS, D. J. B. (1963). Studies on the vector of Kala-Azar in Kenya. 4. Experimental evidence. — Ann. trop. Med. Parasit. *57,* 24-31

MINTER, D. M. (1963). Studies on the vector of Kala-Azar in Kenya. 3. Distribution evidence. — Ann. trop. Med. Parasit. *57,* 19-23

WIJERS, D. J. B. (1963). Studies on the vector of Kala-Azar in Kenya. 2. Epidemiological evidence. — Ann. trop. Med. Parasit. *57,* 7-18

Culicidae

BELKIN, JOHN N. (1962). The mosquitoes of the South Pacific (Diptera, Culicidae). 2 vols 1020 pp. ill. — London: Cambridge University Press

CORBET, P. S. (1962). The age-composition of biting mosquito populations according to time and level: a further study. — Bull. ent. Res. *53,* 409-416

CULLEN, J. R. & DE ZULUETA, J. (1962). Observations on the irritability of mosquitoes to DDT in Uganda. — Bull. Wld Hlth Org. *27,* 239-250

HADDOW, A. J. & SSENKUBUGE, YOVANI. (1963). Studies on the biting habits of East African mosquitoes in the genera *Uranotaenia, Ficalbia* and *Hodgesia*. — Bull. ent. Res. *53,* 639-652

LAURENCE, B. R., PAGE, R. & SMITH, S. A. (1962). Laboratory colonisation of *Mansonia* mosquitos. — Bull. ent. Res. *53,* 515-519

PETERS, W. & CHRISTIAN, S. H. (1963). The bionomics, ecology, and distribution of some mosquitoes (Diptera: Culicidae) in the Territory of Papua and New Guinea. — Acta trop. *20,* 35-79

PHIFER, KENNETH O. (1962). A comparative study of the aldolase systems of *Aedes aegypti, Anopheles quadrimaculatus,* and *Culex quinquefasciatus*. — J. Parasit. *48,* 368-372

ROZEBOOM, L. E. & BURGESS, R. W. (1962). Dryseason survival of some plant-cavity breeding mosquitoes in Liberia. — Ann. entom. Soc. America *55,* 521-524

WEIDHAAS, D. E. (1962). Chemical sterilization of mosquitoes. — Nature *195,* 786-787

ZAMAN, V. & CHELLAPPAH, W. T. (1963). Gel-diffusion studies with mosquito (Diptera, Culicidae) antigens. 1. Antigenic analysis during metamorphosis. — Exp. Parasit. *13,* 108-112

Culex

BARNETT, HERBERT C. & GOULD, DOUGLAS J. (1962). Colonization of *Culex gelidus* Theobald, and some resultant effects on its biology. — Trans. roy. Soc. trop. Med. Hyg. *56,* 423-428

VATTIER, G. & HAMON, J. (1962). Description de la larve et de la nymphe de *Culex (Culiciomyia) gilliesi* Hamon et van Someren, 1961. Clef des larves du sous-genre Culiciomyia connues en Afrique au sud du Sahara. — Bull. Soc. Path. exot. *55,* 246-252

Aedes

CORBET, P. S. (1962). A note on the biting behaviour of the mosquito, *Aedes ochraceus,* in a village in Kenya. — E. Afr. med. J. *39,* 511-514

KNIGHT, KENNETH L. & BAKER, THOMAS E. (1962). The role of the substrate moisture content in the selection of oviposition sites by *Aedes taeniorhynchus* (Wied.) and *A. sollicitans* (Walk). — Mosquito News *22,* 247-254

MACDONALD, W. W. (1962). The selection of a strain of *Aedes aegypti* susceptible to infection with semi-periodic *Brugia malayi*. — Ann. trop. Med. Parasit. *56,* 368-372

MCCLELLAND, G. A. H. & MAMET, RAYMOND. (1962). *Aedes aegypti* (L) and *Aedes mascarensis* Macgregor in Mauritius: A case of gene survival following species eradication? — Nature *195,* 965-968

PHILIP, C. B. (1962). Breeding of *Aedes aegypti* and other mosquitoes in West African rock holes. — Ann. ent. Soc. America *55,* 706-708

SLIFER, ELEANOR H. (1962). Sensory hairs with permeable tips on the tarsi of the yellow-fever mosquito, *Aedes aegypti*. — Ann. entom. Soc. America *55,* 531-535

WEISSMAN-STRUM, A. & KINDLER, S. H. (1962). Effect of low temperature on development, hatching and survival of the eggs of *Aedes aegypti* (L.). — Nature *196,* 1231-1232

WOOD, R. J. (1962). A preliminary note on sex ration and hatching-response in eggs of *Aedes aegypti* (Linnaeus). — Ann. trop. Med. Parasit. *56,* 356-358

WOOD, R. J. (1962). DDT-resistance and larval development in *Aedes aegypti*

(Linnaeus). 1. The larval development in DDT-resistant and susceptible strains. 2. The length of larval development and adult resistance in the Trinidad strain. — Ann. trop. Med. Parasit. *56*, 443-456

WOOD, R. J. (1962). Oviposition in DDT-resistant and susceptible strains of *Aedes aegypti* (L.): time from blood-meal to oviposition. — Bull. ent. Res. *53*, 287-299

WOOD, R. J. (1963). Oviposition in DDT-resistant and susceptible strains of *Aedes aegypti* (L.): egg-laying on open-water surfaces. — Bull. ent. Res. *53*, 785-790

Anopheles

BURGESS, ROBERT W. (1962). Preliminary experiments on the hybridization of *Anopheles gambiae* Giles and *Anopheles melas* Theobald. — Amer. J. trop. Med. Hyg. *11*, 702-704

D'ALESSANDRO, G., MARIANI, M. & BRUNO-SMIRAGLIA, C. (1962). Recerche sul polimorfismo cromosomico in *Anopheles atroparvus* ed in *Anopheles labranchiae*. — Riv. Parassit. *23*, 227-234

DAVIDSON, G. & JACKSON, C. ELISABETH. (1962). Incipient specification in *Anopheles gambiae* Giles. — Bull. Wld Hlth Org. *27*, 303-305

FORATTINI, OSWALD PAULO. (1962). Entomologia médica. Vol. 1. Diptera, Anophelini. 662 pp. ill. — São Paulo: Faculdade de Higiene e Saúde Pública. Departamento de Parasitologia, Universidade de São Paulo

HADDOW, A. J. & SSENKUBUGE, YOVANI. (1962). Laboratory observations on the oviposition-cycle in the mosquito *Anopheles* (Cellia) *gambiae* Giles. — Ann. trop. Med. Parasit. *56*, 352-355

IYENGAR, R. (1962). The bionomics of salt-water *Anopheles gambiae* in East Africa. — Bull. Wld Hlth Org. *27*, 223-229

KUHLOW, F. (1962). Field experiments on the behaviour of Malaria vectors in an unsprayed hut und in a hut sprayed with DDT in Northern Nigeria. — Bull. Org. mond. Santé *26*, 93-102

KUHLOW, F. (1962). Beobachtungen und Experimente über den *Anopheles gambiae*-Komplex, Abtrennung von *Anopheles tangensis* n. sp. — Z. Tropenmed. Parasit. *13*, 442-449

LIPS, M. A. H. (1962). Anophèles du Congo (ex-belge). 6. Quelques espèces et variétés du groupe *coustani (Myzorhynchus)*. 7. Quelques espèces des groupes *Cellia* et *Neocellia*. Références — récoltes — répartition et importance médicale actuelle. — Riv. Parassit. *23*, 33-60; 107-134

MATTINGLY, P. F. (1962). Nomenclature and the malaria entomologist. — Bull. Wld Hlth Org. *27*, 293-296

PATERSON, H. E. (1962). Status of the East African salt-water-breeding variant of *Anopheles gambiae* Giles. — Nature *195*, 469-470

REID, J. A. (1963). Notes on Anopheline mosquitoes from Malaya, with descriptions of three new species. — Ann. trop. Med. Parasit. *57*, 97-116

SHUTE, P. G. & MARYON, M. E. (1962). Successful dissection of the salivary glands of *Anopheles* mosquitoes three months after storage at — 70°C. — Nature *195*, 89

THIEL, P. H. VAN. (1962). Problèmes de paludisme autour d'un lac de barrage dans l'intérieur de Suriname. — Acta Leidensia *32*, 181-183

WHARTON, R. H. (1962). Malaria vector problems in South-East Asia. — Bull. Wld Hlth Org. *27*, 296-299

WHARTON, R. H., EYLES, DON E. & WARREN, MCWILSON. (1963). The development of methods for trapping the vectors of monkey malaria. — Ann. trop. Med. Hyg. *57*, 32-46

Simuliidae

CROSSKEY, R. W. (1962). The identification of the larvae of African *Simulium*. — Bull. Wld Hlth Org. *27*, 483-489

GIUDICELLI, J. (1962). *Simulium galloprovinciale* n. sp. *(Diptera, Simuliidae)* une simulie nouvelle du groupe *auricoma*. Comparaisons avec les espèces du genre *Obuchovia* Rubzov, 1951. — Bull. Soc. Path. exot. *55*, 882-892

MARR, J. D. M. (1962). The use of an artificial breeding-site and cage in the study of *Simulium damnosum* Theobald. — Bull. Wld Hlth Org. *27*, 622-629

576.895.772 Brachycera

CREWE, W. & BEESLEY, W. N. (1963). The bionomics of *Chrysops silacea* Austen, 1907. 1. The longevity and food requirements of the adult fly. — Ann. trop. Med. Parasit. *57*, 1-6

MAYER, KARL. (1962). Aus der Frühzeit der Fliegenbekämpfung. — Z. angew. Zool. *49*, 25-37

MORRIS, K. R. S. (1963). A study of African Tabanids made by trapping. — Acta trop. *20*, 16-34

WILLIAMS, P. (1962). The bionomics of the Tabanid fauna of streams in the rain-forest of the Southern Cameroons. 4. Seasonal fluctuations in the numbers of immature Tabanids at Kumba. — Ann. trop. Med. Parasit. *56*, 274-283

WILLIAMS, P. & BEESLEY, W. N. (1962). Studies on the control of the vectors of Loiasis in West Africa. 1. Introduction. 2. The effect of clearing vegetation from Tabanid breedingplaces. — Ann. trop. Med. Parasit. *56*, 284-291

576.895.772.4 Schizophora

BURNETT, G. F. (1962). Research in East Africa on the control of tsetse flies from the air. — Agric. Aviation *4*, 79-87

BURNETT, G. F. (1962 & 1963). The susceptibility of tsetse flies to topical applications of insecticides. 3. The effects of age and pregnancy on the susceptibility of adults of *Glossina morsitans* Westw. 4. Wild-caught adults of *Glossina swynnertoni* Aust. 5. Young adults of *Glossina morsitans* Westw. and some substituted N-methyl carbamates. 6. Data on more chlorinated hydrocarbons and organophosphates, and a general discussion. — Bull. ent. Res. *53*, 337-354; 747-761

JORDAN, A. M. (1962). The pregnancy rate in *Glossina palpalis* (R.-D.) in Southern Nigeria. — Bull. ent. Res. *53*, 387-393

JORDAN, A. M. (1962). The eology of the fusca group of tsetse flies *(Glossina)* in Southern Nigeria. — Bull. ent. Res. *53*, 355-385

JORDAN, A. M., LEE-JONES, FRANCES & WEITZ, B. (1962). The natural hosts of tsetse flies in Northern Nigeria. — Ann. trop. Med. Parasit. *56*, 430-442

LAMPREY, H. F. et al. (1962). A simultaneous census of the potential and actual food sources of the tsetse fly *Glossina swynnertoni* Austen. — J. animal Ecol. *31*, 151-156

MAILLOT, L. (1962). Glossines d'Afrique Centrale. 3. Espèces rares du groupe *palpalis*. — Rev. Elev. Méd. vét. Pays trop. *15*, 17-21

PILSON, R. D. & LEGGATE, B. M. (1962). A diurnal and seasonal study of the feeding activity of *Glossina pallidipes* Aust. — Bull. ent. Res. *53*, 541-550

PILSON, R. D. & LEGGATE, B. M. (1962). A diurnal and seasonal study of the resting behaviour of *Glossina pallidipes* Aust. — Bull. ent. Res. *53*, 551-562

SAUNDERS D. S. (1962). Age determination for female tsetse flies and the age

compositions of samples of *Glossina pallidipes* Aust., *G. palpalis fuscipes* Newst. and *G. brevipalpis* Newst. — Bull. ent. Res. *53*, 579-595

576.895.775 Aphaniptera

JORDAN, KARL. (1962). Notes on *Tunga caecigena* (Siphonaptera: Tungidae). — Bull. Brit. Museum (Natural History) Entomology, *12*, 353-364

KLEIN, J. M. (1962). Nouvelles puces *(Siphonaptera Insecta)* de l'Iran. Première communication. — Bull. Soc. Path. exot. *55*, 900-910

SMIT, F. G. A. M. (1962). A new sand flea from Ecuador. — The Entomologist, April, 89-93

Rezensionen — Analyses — Reviews.

Watt, John Mitchell and **Breyer-Brandwijk, Maria Gerdina: The Medicinal and Poisonous Plants of Southern and Eastern Africa.** 2nd Edition. 1457 pp. ill. — Edinburgh: E. & S. Livingstone 1962. £ 12.12 s.

Dieses bekannte Werk über die Medizinalpflanzen Südafrikas ist nach dreißig Jahren in stark erweitertem Umfang in zweiter Auflage erschienen. Sein Titel ist von den Autoren leicht abgeändert worden, da es jetzt auch viele Angaben über Eingeborenen-Heilpflanzen enthält, die ihr Verbreitungsgebiet in Ostafrika haben. Die Mehrzahl der aufgeführten Daten betrifft aber weiterhin südafrikanische Spezien.

Dem Aufbau der zweiten Auflage dieses Werkes liegt nicht mehr ein botanisch-phylogenetisches System zugrunde, sondern Familien, Genera und Spezien werden in alphabetischer Reihenfolge präsentiert, wobei die Phanerogamen den Kryptogamen vorangestellt werden. Diese einfache Grundkonzeption hat bei der Fülle der verarbeiteten Literaturangaben und dem sich daraus ergebenden Buchumfange seine volle Berechtigung. Bei jeder Species werden womöglich Angaben über technische und/oder medizinische Verwendungsweisen dem betreffenden Abschnitt vorausgeschickt. Handelt es sich bei einer Pflanzenart um eine eingeführte oder um eine solche mit weitem Verbreitungsgebiet, so sind auch außerafrikanische Fakten verzeichnet. Doch auch viele ethnologisch interessante Angaben und magische Verwendungsarten der Eingeborenen werden aufgeführt. Wie alle Angaben sind auch diese mit dem entsprechenden Bibliographievermerk versehen.

Einen sehr breiten Raum nehmen vielfach die Ausführungen über die chemische Zusammensetzung einer Species ein. Zusammenfassende, übersichtliche Tabellen der chemisch-physikalischen Daten sind mancherorts dieser Aufzählung chemischer Inhaltsstoffe und ihrer Summenformeln, Schmelzpunkte und Prozentzahlen beigegeben. Spezielle chemische Fragenkomplexe werden am Anfang einer Familie gesamthaft behandelt (so z. B. die Pfeilgifte eingangs Apocynaceen oder die Frage des Vorkommens von Blausäure bei den Gramineen). Eine große Fülle von Angaben betreffend Pharmakologie und Toxikologie runden das Bild der bis jetzt bekannten Tatsachen ab. Vor allem veterinär-toxikologische Fragen südafrikanischer Spezien beleuchten die Autoren in all ihren Aspekten.

Die sehr ausführliche Bibliographie mit mehr als 6000 Eintragungen im Anhang des Werkes umfaßt sowohl die ältere wie neuere Literatur (bis 1960). Bei