

ATLAS OF DISEASES - Plate 4

World Distribution of
Helminthiasis.



WORLD DISTRIBUTION OF HELMINTHIASES

Basic Sources

- Boletín de la Oficina Sanitaria Panamericana* (1948-1951), Washington, D. C., Volumes 27-30.
- Bouillon, A. (1950), Bibliographie des schistosomes et des schistosomiasis (bilharzioses) humaines et animales de 1931 à 1948, *Mém. Inst. Royal Colonial Belge, Sect. des Sci. Nat. et Méd.*, Vol. 18, No. 5.
- Carr, H. P. (1949). Hookworm Disease. (Reprinted from "Tice's Practice of Medicine," 5: 79-106.)
- Chandler, A. C. (1929). Hookworm Disease. The Macmillan Co., New York.
- (1948). Introduction to Parasitology. 7th edit. John Wiley & Sons, New York.
- Cort, W. W. (1941), *Dracunculus medinensis*, in *An Introduction to Nematology*, Sect. 2, Part 2: 320-322. (Sold by M. B. Chitwood, Babylon, N. Y.)
- Faußt, E. C. (1949). Human Helminthology. 3rd edit. Lea & Febiger, Philadelphia.
- Fontana, V. P. (1949), Origen, desarrollo y extensión de la hidatidosis en América, *Bol. Ofic. san. panam.*, 28: 124-156.
- Heine, W. (1938), Epidemiologie und Bekämpfung der Ankylostomiasis in der Welt, *Ergebn. Hyg. Bakteriол.*, 21: 157-268.

- Helminthological Abstracts* (1946-1951), Commonwealth Bureau of Agriculture, Parasitology, and Helminthology, St. Albans, England, Volumes 15-20.
- La Rue, G. R., and Ameel, D. J. (1937), Distribution of *Paragonimus*, *J. Parasitol.*, 23: 382-388.
- National Institute of Health (1947). Studies on Schistosomiasis. *U. S. Pub. Health Service Bull. No. 189.*
- Pavlovskiy, E. N. (1947). Parasitology of the Far East. The State Publication of Medical Literature, Leningrad Section. (In Russian.)
- Shousha, A. T. (1947). Schistosomiasis (Bilharziasis): A World Scourge. Government Press. Cairo.
- Stoll, N. R. (1947), This Wormy World, *J. Parasitol.*, 33: 1-18.
- Tropical Diseases Bulletin* (1946-1951), Bureau of Hygiene and Tropical Diseases, London, Volumes 43-45.
- World Health Organization (1951), Bilharziasis Survey Reveals Infected Areas, *Chron. World Health Organization*, 5: 60.
- (1951), WHO Bilharziasis Survey of the Middle East, Press Release H/699, March 19.

Selected Bibliography by Countries

ALASKA

- Hitchcock, D. J. (1950), Parasitological Study on the Eskimos in the Bethel Area of Alaska, *J. Parasitol.*, 36: 232-234.
- Rausch, R., and Schiller, E. L. (1951), Hydatid Disease (*Echinococcosis*) in Alaska and the Importance of Rodent Intermediate Hosts, *Science*, 113: 57-58.

ALGERIA

- Marill, F. G. (1947), La bilharziose vésicale en Algérie, *Cahiers Méd. Union Française*, Algiers, 2: 677-691.
- , Hofman, M., and Bertozzi, P. (1949), Le foyer de bilharziose urinaire de Fondouk (Algérie), *Arch. Inst. Pasteur d'Algérie*, 27: 110-127.

ANGLO-EGYPTIAN SUDAN

- Bloss, J. F. E. (1949), Filaria in the Sudan, *Trans. Royal Soc. Trop. Med. and Hyg.*, 43: 236-238.

Kirk, R. (1947), Observations on Onchocerciasis in the Bahr-el-Ghazal Province of the Sudan, *Annals Trop. Med. and Parasitol.*, 41: 357-364.

Woodman, H. M. (1948), Filariasis in the Southern Sudan, *East African Med. J.*, 25: 95-104.

----- (1949), Filaria in the Anglo-Egyptian Sudan, *Trans. Royal Soc. Trop. Med. and Hyg.*, 42: 543-558.

ANGOLA

Sarmento, A. (1944), Nota sôbre um foco de bilharziose vesical em Angola, *Anais Inst. Med. Trop.*, Lisbon, 1: 375-380.

ARABIA

Lindberg, K. (1950), La draconculose en Asie, particulièrement en Moyen-Orient, *Rev. du Paludisme*, 8: 87-111.

ARGENTINA

"Medical and Sanitary Data on Argentina" (1947), TB MED 225, United States War Department, Washington, D.C.

AUSTRALIA

Annual Report on the Health and Medical Services of the State of Queensland for the Year 1947-1948. Abstracted in *Trop. Diseases Bull.* (1949), 46: 852.

Cole, G. (1945), Hydatid Disease in Victoria, *Health Bull.*, Melbourne, Jan. - June, 2178-2188.

BELGIAN CONGO

Bellefontaine, L. (1949), Existence de *Wuchereria bancrofti* dans le territoire de Yahuma, district de Basoko, *Ann. Soc. Belge Méd. Trop.*, 29: 251-254.

Chardome, M., and Peel, E. (1949), La répartition des filaires dans la région de Coquilhatville, *ibid.*, 99-119.

Courtois, G. (1949), Contribution au diagnostic et au traitement de la bilharziose intestinale à *Sch. mansoni*, *ibid.*, 427-445

Schwetz, J. (1947), La classification et la nomenclature des Planorbidæ (Planorbinæ et Bulininae) de l'Afrique Centrale et surtout du Congo Belge, *Mém. Inst. Royal Colonial Belge, Sect. des Sci. Nat. et Méd.*, Vol. 16, No. 2.

-----, (1947), Note culicido-paludologique et malacoscistosomique sur l'exploitation diamantifere de Bakwanga-Tshimanga (rivière Bushimaie), *Bull. des Séances Inst. Royal Colonial Belge*, 18: 307-318.

BRAZIL

Cardoso, F. A., and Carvalho, P. E. de (1944), Incidência de verminoses entre os matriculados no centro de saúde do Instituto de Higiene de São Paulo, *Bol. Inst. Hig. de São Paulo*, No. 82.

Carvalho, J. D. de (1949), Avaliação da intensidade da ancilostomose no Município de Antonina, *Hospital*, Rio de Janeiro, 36: 739-755.

Deane, M. P. (1949), Sobre a incidência de filárias humanas em Manaus, Estado do Amazonas, *Rev. Serv. Espec. Saúde Púb.*, 2: 849-858.

Magalhães, O., and Rocha, A. (1947), Estudos sobre a doença de Manson-Piraja, *Mem. Inst. Oswaldo Cruz*, 45: 183-210.

Meira, J. A. (1949), Schistosomiasis mansoni: A Survey of Its Distribution in Brazil, *Bull. World Health Organ.*, 2: 31-37.

Meirelles, M. M. (1949), Helminthíases em soldados do exército da guarnição da capital da república, *Rev. Hig. e Saúde Pública*, 23-27.

Neves, A. de O. (1948), A esquistosomose no Estado do Espírito Santo, *Anais Depart. Estadual Saúde Espírito Santo*, 37-102.

Pessoa, S. B., and Andrade, Z. de A. (1950), Alguns dados sobre a incidência da filaria, *Wuchereria bancrofti* na cidade do Salvador - Bahia, *Hospital*, 37: 593-598.

Pinto, C., and Almeida, A. F. de (1948), Schistosomiasis mansoni no Brasil, *Monogr. Inst. Oswaldo Cruz*, No. 5.

Portela, B. (1947), Considerações sobre a esquistosomose, *Brasil-Medico*, 61: 352-356.

Santos, J. P. (1949), Frequência das parasitoses intestinais em Copacabana, *Folha Med.*, 30: 186-187.

BRITISH GUIANA

Giglioli, G. (1948). Malaria, Filariasis, and Yellow Fever

in British Guiana. Mosquito Control Service, Medical Department.

CAMEROONS

Gordon, R. M., Kershaw, W. E., Crewe, W., and Oldroyd, H. (1950), The Problem of Loiasis in West Africa, *Trans. Royal Soc. Trop. Med. and Hyg.*, 44: 11-41.

CANADA

Brown, M., Sinclair, R. G., Cronk, L. B. Clark, G. C., and Kuitunen-Ekbaum, E. (1948), Intestinal Parasites of Eskimos on Southampton Island, Northwest Territories, *Canadian J. Pub. Health*, 39: 451-454.

CHILE

Faust, E. C., Neghme, A. R., and Tagle, I. V. (1951), *Diphyllobothrium latum* indigenous in the Lake District of Chile, *J. Parasitol.*, 37: 24.

Neghme, A. and others (1947), Epidemia de triquinosis en la Escuela Militar de Chile, *Rev. Méd. Chile*, 75: 519-524.

-----, and Silva, R. (1949), Epidemiología de las parasitosis intestinales en el medico rural de Chile, *Rev. Chilena Hig. y Med. Preventiva*, 11: 17-23.

CHINA

Chang, K., and others (1949), Studies on Hookworm Disease in Szechwan Province, West China, *Amer. J. Hyg. Monogr. Ser. No. 19*.

Chen, H. H., and Wu, P. N. (1950), Incidence of Intestinal Helminthiasis in the Wu-Chia-Ling Area and Vicinity, Changsha, Hunan, *Chinese Med. J.*, 68: 173-176.

Chen, H. T. (1940), Morphological and Developmental Studies on *Paragonimus iloktsuensis*, *Lingnan Sci. J.*, 19: 429-528.

-----, (1944), Some Parasitic Diseases in Hong Kong, With Emphasis on Those Caused by Helminths, *Biol. Bull., Fukien*, 4: 1-32.

Chen, K. C. (1948), A Note on the Filaria Survey in Fukien Province, *Lingnan Sci. J.*, 22: 85-92.

Chu, T. C., Liu, B. C., Ling, C. Y., and Zee, G. F. (1936), Survey of Intestinal Parasites in the Rural Experimental

Health Area at Kao-Chiao, Shanghai, *Chinese Med. J.*, 50: 1243-1254.

Faust, E. C. (1923), The Distribution and Differentiation of Human Helminths in China and Adjacent Territory, *ibid.*, 27: February Supplement.

-----, (1929), Human Intestinal Parasites in North China, *Amer. J. Hyg.*, 9: 505-508.

Hsü, H. F. (1949), Studies on Certain Problems of *Clonorchis sinensis*, *Chinese Med. J.*, 67: 189-192.

-----, (1950), A Preliminary Study on the Bionomics of Oncomelania Snails, Intermediate Hosts of *Schistosoma japonicum*, in Kiangsu and Chekiang Provinces, China, *Amer. J. Trop. Med.*, 30: 397-410.

Hsü, K. C. (1947), A Survey of Human Intestinal Parasites in Chengtu, *Chinese Med. J.*, 65: 85-90.

Li, F. C. (1948), Zur Frage der Schistosomiasis Japonica und ihrer Bekämpfung in China, *Chinese Rev. Trop. Med.*, 1: 15-28.

Maxwell, J. P. (1921), Filariasis in China, *Philippine J. Sci.*, 19: 257-327.

Tang, C. C. (1939), Further Investigations on Schistosomiasis japonica in Futsing, Fukien Province, *Chinese Med. J.*, 56: 462-473.

-----, (1949), Sweet-Potato Cultivation and Hookworm Disease in Fukien, South China, *Amer. J. Hyg.*, 50: 236-262.

Watt, J. Y. C. (1937), Incidence of Helminthic Parasites, With Special Reference to Epidemiology of Fasciolopsis buski in Shiao-shan, Chekiang, 1934-1935, *Chinese Med. J.*, 51: 77-84.

Winfield, G. (1937), Studies on Control of Fecal-Borne Diseases in North China, *ibid.*, 217-236, 502-518, and 643-658.

COSTA RICA

Butts, D. (1947), Filarial Infection in Costa Rica, *Amer. J. Trop. Med.*, 27: 607-615.

Castro Jenkins, A. (1948), Fascioliasis hepática humana en Costa Rica, *Rev. Kuba*, 4: 160-161.

CUBA

Ortega Canet, F. (1948), Índice de infestación por parasitismo enteral en la ciudad de Santiago de Cuba, *Rev. Med.-Quirurg. de Oriente*, 9: 167-176.

Pérez Ara, A. (1950), Filariasis del epididimo, *Rev. Kuba*, 6: 40-45.

CZECHOSLOVAKIA

Jirovec, O. (1950), *Enterobius* Infection in Children of 6 to 14 in Bohemia, *Časopis Lékařů Ceskyb*, Prague, 89: 536-540.

DOMINICAN REPUBLIC

Ponce Pinedo, A. M. (1947), Schistosomiasis Mansoni in the Republic of Santo Domingo, *Puerto Rico J. Pub. Health and Trop. Med.*, 22: 308-315.

ECUADOR

Earle, K. V. (1950), Gastrointestinal Parasitic Infestation among Food-Handlers in Ecuador, *Med. Bull.*, 10: 208-211.

EGYPT

Augustine, D. L., Helmy, M., and Nazmi, M. (1930), An-cylostomiasis and Ascariasis in Egypt, *Amer. J. Hyg.*, 11: 136-148.

Azim, M. A. (1948), Problems in the Control of Schisto-somiasis (Bilharziasis) in Egypt, *Proc. Fourth Internatl. Congresses on Trop. Med. and Malaria, Washington, 1948*, 2: 1013-1024.

Berkin, T., and Berke, Z. (1949), Bilharzia hastaligi hak-kinda, *Türk İjiven ve Tecrübî Biyolojî Dergisi*, 10: 145-165.

Nagaty, H. F. (1947), The Incidence of Parasitic Infections among the Labourers of Ras Gharib, Red Sea District, *J. Royal Egyptian Med. Assn.*, 30: 14-21.

ENGLAND

Harland, J. C., Humble, J. G., and Mann, P. G. (1950), Diphyllbothrium Infestation and Anaemia in Great Britain, *Brit. Med. J.*, 1: 188-192.

Kendall, S. B. (1950), Snail Hosts of *Fasciola hepatica* in Britain, *J. Helminthol.*, 24: 63-72.

- Murphy, F. D., and Pascall, K. G. (1950), Liver Fluke in the Common Bile Duct, *Brit. Med. J.*, 1: 647.
- Seiler, H. E., and Norval, J. (1950), Notes on *Taenia saginata* and *Cysticercus bovis*, *Health Bull.*, 8: 46-47.
- Young, M. R. (1947), The Incidence of *Trichinella spiralis* in England, *J. Helminthol.*, 22: 49-60.

ERITREA

- Ferro-Luzzi, G. (1948), Studio sulla bilarziosi intestinale da *Schistosoma mansoni* in Eritrea, *Boll. Soc. Ital. di Med. e Igiene Trop. (Sez. Eritrea)*, 8: 5-18.
- (1949), Ulteriori indagini sull'anchilostomiasi in Eritrea, *ibid.*, 9: 130-133.
- Sofia, F. (1949), Studio sull'anchilostomiasi in Eritrea, *ibid.*, 249-265.
- (1950), Su un raro caso di localizzazione cerebrale dello *Schistosoma mansoni* in ragazzo eritreo, *Acta Med. Italica*, 5: 13-16.

ETHIOPIA

- Codeleoncini, E. (1949), Studio statistico sulle parassitosi intestinali nello Scioa, *Acta Med. Ital.*, 4: 174-178.

FINLAND

- Huhtala, A. (1950), Ueber die Verbreitung des breiten und des schmalen Bandwurms in Finnland, *Ann. Med. Internatl. Fenniae*, Helsinki, 39: Supplement 6.
- Tötterman, G. (1944), On the Occurrence of Pernicious Tape-worm Anemia in *Diphylobothrium* carriers, *Acta Med. Scand.*, 118: 410-416.

FRANCE

- Coutelen, F. (1951), Réapparition de porteurs d'ankylostomes dans les houillères nationales du Nord et du Pas-de-Calais, *Bull. Acad. Natl. Méd.*, 135: 60-63.
- Harant, H., Giroux, J., and Braun-Blanquet, M. (1947), Petite épidémie familiale de toeniasis à *Hymenolepis*, *Bull. Soc. Pathol. Exot.*, 40: 89-90.
- Sautet, J., Asseo, S., and Cami, R. (1948), Influence de l'alimentation de disette sur le parasitisme intestinal à Marseille (1945), *Rev. Travaux Inst. Natl. Hyg.*, 3: 551-557.

Sigalas, R., Pautrizel, R., and Noguès, C. (1949), Etude du parasitisme intestinal chez les enfants de la région bordelaise, *J. Méd. de Bordeaux*, 126: 626-628.

FRENCH EQUATORIAL AFRICA

Lafuente, M. (1948), Les parasites intestinaux au Gabon, *Bull. Soc. Pathol. Exot.*, 41: 588-591.

FRENCH GUIANA

Guyane Française: Rapport sur le fonctionnement technique de l'Institut Pasteur de la Guyane Française et du Territoire de l'Inini pendant l'année 1945. *Pub. No. 125*, Cayenne, 1946.

FRENCH WEST AFRICA

Boiron, H., and Koerber, R. (1947), Contribution à l'étude de la bilharziose urinaire en Afrique occidentale française, *Bull. Soc. Pathol. Exot.*, 40: 118-124.

Kervran, P. (1947), Contribution à l'étude de la faune malacologique du Soudan français, *ibid.*, 364-366.

----- (1947), Les hôtes intermédiaires des bilharzioses humaines à Bamako (Soudan français), *ibid.*, 40: 349-352.

Puyuelo, R. (1949), Note préliminaire sur l'épidémiologie et le traitement de l'onchocercose humaine à *O. volvulus*, en pays Mossi, *ibid.*, 42: 558-561.

GERMANY

Burlingame, P. L. (1949), Askariasis im Kreis Darmstadt, *Zentralbl. f. Bakteriол.*, 154: 111-116.

-----, and Gardner, H. T. (1949), Intestinal Parasitism in American Troops in Germany, *J. Lab. & Clin. Med.*, 34: 1284-1289.

Ehlers, H. J., and Knüttgen, H. (1949), Ein Fall von Distomatosis hepatica bei einem 8½ jährigen Mädchen, *Ztschr. f. Tropenmed. u. Parasitol.*, 1: 364-378.

Gärtner, H., and Müting, L. (1949), Beitrag zur Verbreitung der Wurmkrankheiten, *Deut. Med. Wochenschr.*, 74: 881-883.

Leick, G. (1949), Die Häufigkeit des Vorkommens von *Oxyuris vermicularis*, *ibid.*, 1507-1510.

Lentze, F. A. (1949), Entwicklung, Epidemiologie und Bekämpfung der in Deutschland vorkommenden men-

schlichen Helminthiasen, *Zentralbl. f. Bakteriол.*, 154: 75-97.

Mendheim, H., and Scheid, G. (1949), Ueber die Verbreitung des Oxyurenbefalls bei Insassen eines Kinderheimes, *Ztschr. Hyg.*, 129: 156-161.

----- (1950), Untersuchungen über den Wurmbefall in einigen Stadt und Landkreisen Oberbayerns, *Ztschr. f. Tropenmed. u. Parasitol.*, 1: 553-560.

Minning, W., and Vogel, H. (1950), Immunbiologische und epidemiologische Untersuchungen bei 3 Fällen von menschlicher Fasciolose, *ibid.*, 523-553.

Moormann, H. (1950), Die Leberegelkrankheit (Fasciolosis) beim Menschen: Eine klinische Betrachtung mit kasuistischem Beitrag (Beobachtung einer Fasciolosis bei einem Kinde), *Med. Klin.*, 45: 4-8.

Schlieper, C., and Kalies, W. (1949), Quantitative Untersuchungen über die Spulwormverseuchung der Bevölkerung im Landkreis Darmstadt, *Zentralbl. f. Bakteriол.*, 154: 78-86.

GREENLAND

Roth, H. (1949), Trichinosis in Arctic Animals, *Nature*, 163: 610-611.

-----, (1950), Nouvelles expériences sur la trichinose avec considérations spéciales sur son existence dans les régions arctiques, *Office Internat. des Epizooties, Rapport à la XVIII^e Session*, R. No. 174.

Thorborg, N. B., Tulinius, S., and Roth, H. (1948), Trichinosis in Greenland, *Acta Path. et Microbiol. Scandinav.*, 25: 778-794.

GUADELOUPE

Sautet, J. (1949), Parasitisme par la *Filaria ozzardi* Manson, 1897 à l'île de la Désirade et plus spécialement à la léproserie, *Bull. Soc. Pathol. Exot.*, 42: 463-465.

HAWAII

Alicata, J. E., and Kartman, A. Y. (1948), Incidence of Oxyuriasis among a Group of School Children in Honolulu, *Hawaii Med. J.*, 7: 214-215.

Ann. Rept. Board of Health, Territory of Hawaii, 1950: 72.

HONDURAS

Hoekenga, M. T. (1950), The Incidence of Human Intestinal Parasites in Northwestern Honduras, *Amer. J. Trop. Med.*, 30: 757-759.

HUNGARY

'Medical and Sanitary Data on Hungary' (1945), *TB MED* 140, United States War Department, Washington, D. C.

ICELAND

Dungal, N. (1946), Echinococcosis in Iceland, *Amer. J. Med. Sci.*, 212: 12-17.

INDIA

Alwar, V. S. (1949-50), A Note on Schistosomes in India, *Madras Vet. College Ann.*, 30-35.

Basu, B. C., and Rao, S. S. (1939), Studies on Filariasis Transmission, *Indian J. Med. Research*, 27: 233-249.

Chandler, A. C. (1926-27), Distribution of Hymenolepis Infections in India, *ibid.*, 14: 973-994.

-----, (1926-28), The Prevalence and Epidemiology of Hookworm and Other Helminthic Infections in India, *ibid.*, 14 (1926-27): 185-194, 195-218, 451-480, 481-492, 493-504, 733-744, 745-759, 761-773, and 955-971; and 15 (1927-28): 143-158, 159-180, and 695-744.

Health Atlas of India. Government of India, Dept. of Education, Health and Lands. 1944.

Iyengar, M. O. T. (1932-33), Filariasis in North Travancore, *Indian J. Med. Research*, 20: 671-672.

----- (1932-33), Filariasis in Trivandrum, *ibid.*, 921-938.

Korke, V. T. (1925-26), Observations on the Life History of Hookworms in Nature, *ibid.*, 13: 301-320.

-----, (1925-27), Observations on Ankylostomiasis in Some Areas in British India, *ibid.*, 13 (1925-26): 493-514 and 515-523; and 14 (1926-27): 383-407.

-----, (1926-34), Observations on Filariasis in Some Areas in British India, *ibid.*, 14 (1926-27): 712-732; 16 (1928-29): 187-198 and 695-715; 18 (1930-31): 3-4, 319-331, 333-336, and 427-442; 20 (1932-33): 335-339; and 21 (1933-34): 437-440 and 569-580.

Mukerji, A. K., and Mathen, K. K. (1950-51), Survey of Hookworm Infection, *ibid.*, 38: 95-118.

Pradhan, Y. M. (1930-31), Observations on Experiments Designed to Combat Dracontiasis in an Endemic Area, *ibid.*, 18: 443-465.

Raghavan, N. G. S., and Krishnan, K. S. (1949), Some Observations on the Prevalence of Malaria and Filariasis in Sri Harikotta Island, *Indian J. Malariol.*, 3: 39-56.

Rao, S. S. (1935-36), Filariasis in Patnagarh, *Indian J. Med. Research*, 23: 871-879.

-----, (1940-41), A Study of Filarial Infection in Ratanpur, *ibid.*, 28: 609-613.

-----, (1942-43), Observations on Filariasis in Lakhipur, *ibid.*, 30: 345-350.

-----, and Iyengar, M. O. T. (1929-30), Studies on the Influence of Seasons on the Development of *Filaria bancrofti* in *Culex Fatigans*, *ibid.*, 17: 759-767.

INDONESIA

Lie Kian Joe, and Bras, G. (1950), Enkele bijzondere worminfecties uit Indonesië, *Med. Maandblad.*, 3: 165-173.

IRAN

Lindberg, K. (1950), La draconculose en Asie, particulièrement en Moyen-Orient, *Rev. du Paludisme*, 8: 87-111.

Stewart, I. S. (1949), Human Infestation with *Trichostrongylus* in South Persia, *Brit. Med. J.*, 1: 737-738.

IRAQ

Berkin, T., and Berke, Z. (1949), Bilharzia hastaligi hakkinde, *Türk İjiyen ve Tecrübî Biyoloji Dergisi*, 10: 145-165.

Watson, J. M. (1948), Studies on Bilharziasis in Iraq, *J. Royal Faculty of Med. of Iraq*, 12: 120-134.

-----, and Hamami, A. A. (1949), Studies on Bilharziasis in Iraq, *ibid.*, 13: 49-62.

IRELAND

Harland, J. C., Humble, J. G., and Mann, P. G. (1950), *Diphyllbothrium* Infestation and Anemia in Great Britain, *Brit. Med. J.*, 1: 188-192.

TALY

Boari, D. (1950), Alcuni rilievi e ricerche sullo attuale delle parassitosi intestinali con particolare riguardo all'anchilostomiasi nel territorio del comune di Cremona, *Ann. d. San. Pubblica*, 11: 459-497.

Boventer, K. (1947), Ueber die Verbreitung menschlicher Eingeweidewürmer in Italien, *Zentralbl. f. Bakteriол.*, 152: 292-298.

Gärtner, H., and Müting, L. (1949), Beitrag zur Verbreitung der Wurmkrankheiten, *Deut. Med. Wochenschr.*, 74: 881-883.

Orlanki, A. (1947), Ricerche sistematiche sull'anchilostomiasi nella popolazione rurale di Milano, *Rass. Med. Indust.*, 16: 102-139.

Petrilli, F. L. (1950), Sulle parassitosi intestinali riscontrate nel territorio del comune di Sestri Levante, *Ann. d. San Pubblica*, 11: 927-942.

Soletta, L. (1950), Osservazioni e ricerche sulla presenza della anchilostomiasi nella provincia di Parma, *ibid.*, 499-513.

APAN

Oliver, L. (1948), A Note on Schistosomiasis in Eastern Japan, *Amer. J. Trop. Med.*, 28: 867-875.

Wright, W. H., and others (1947), The Epidemiology of Schistosomiasis Japonica in the Philippine Islands and Japan, *ibid.*, 27: 417-447.

KENYA

Buckley, J. J. C. (1949), Studies on Human Onchocerciasis and Simulium in Nyanza Province, Kenya, *J. Helminthol.*, 23: 1-24.

Heisch, R. B. (1948), A Parasitological Survey of Taveta, *East African Med. J.*, 25: 78-94.

-----, (1948), A Survey at Gersen, *ibid.*, 220-224.

Walker, A. J. (1948), Aspects and Prospects of Schistosomiasis Control on the Kenya Coast, *ibid.*, 362-366.

LEBANON

Pigoury, L. (1943), A propos d'une "épidémie" de trichinose à Beyrouth, *Bull. Soc. Patbol. Exot.*, 36: 88-94.

LIBERIA

Poindexter, H. A. (1949), A Laboratory Epidemiological Study of Certain Infectious Diseases in Liberia, *Amer. J. Trop. Med.*, 29: 435-442.

-----, (1950), Filariasis Bancrofti Studies in Liberia, *ibid.*, 30: 519-523.

LIBYA

Pani, A. (1950), Sulla bilharziosi vescicale, *Acta Med. Italica*, 5: 113-118.

MEXICO

Casis Scare, G. (1948), Impresiones parasitologicas a través del Seguro Social Mexicano, *Medicina*, 28: 318-324.

Mazzotti, L. (1944), Datos sobre la cisticercosis en México, *ibid.*, 283-292.

----- (1944), Examen de 400 diafragmas humanos en la ciudad de Mexico para investigar triquinosis, *Rev. Inst. Salub. y Enferm. Trop.*, 5: 157-161.

----- (1948), Observaciones sobre la oncocercosis en México, *Medicina*, 28: 217-224.

----- (1948), Oncocercosis en México, *Proc. Fourth Internatl. Congresses on Trop. Med. and Malaria*, Washington, 1948, 2: 948-956.

----- (1949), Parásitos intestinales en habitantes de la ciudad en México, *Rev. Inst. Salub. y Enferm. Trop.*, 10: 183-202.

-----, Rodriguez, L., and Treviño Villasenor, A. (1947), Observaciones in 161 personas parasitadas con Taenia, *ibid.*, 8: 155-162.

Ruiz Reyes, F. (1950), Observaciones con la dietilcarbamazina (Hetrazan) en la zona oncocercosa de Oaxaca, *Medicina*, 30: 225-230.

Vargas, L. (1947), Notas sobre la oncocerciasis, *Gac. Méd. de México*, 77: 346-352.

MOROCCO

Chenebault, J. (1950), Note sur la fréquence du kyste hydatique du poumon au Maroc, *Maroc Méd.*, 29: 693-696.

Gaud, J., and others (1946), Variations dans le temps des index d'infestation humaine dans la bilharziose vésicale

marocaine, *Bull. Inst. Hyg. Maroc*, 6: 55-60.

-----, and Maurice, A. (1936), Foyers de bilharziose vésicale dans le Sous, *ibid.*, 61-62.

MOZAMBIQUE

Gelfand, M. (1950). Schistosomiasis in South Central Africa. Juta & Co., Cape Town.

-----, and Ross, W. F. (1949), The Incidence of Schistosomiasis in South Central Africa, *Trans. Royal Soc. Trop. Med. and Hyg.*, 42: 559-564.

NEPAL

Bowie, J. H. (1950), Filariasis, *Edinburgh Med. J.*, 57: 561-571.

NEW GUINEA

Bern, H. A., and Hansen, M. F. (1950), Parasitic Infections among Natives of the North Markham Area, *J. Parasitol.*, 36: 103-106.

Jenkins, T. W. (1947), Hookworm Survey, *Med. Bull.*, New Jersey, 7: 113-118.

NIGERIA

Gordon, R. M., Kershaw, W. E., Crewe, W., and Oldroyd, H. (1950), The Problem of Loiasis in West Africa, *Trans. Royal Soc. Trop. Med. and Hyg.*, 44: 11-41.

NYASALAND

Gelfand, M. (1950). Schistosomiasis in South Central Africa. Juta & Co., Cape Town.

-----, and Ross, W. F. (1949), The Incidence of Schistosomiasis in South Central Africa, *Trans. Royal Soc. Trop. Med. and Hyg.*, 42: 559-564.

Ransford, O. N. (1948), Schistosomiasis in the Kota Kota District of Nyasaland, *ibid.*, 41: 617-628.

PHILIPPINES

Hunter, G. W., Dillahun, J. A., and Dalton, H. C. (1950), The Epidemiology of Schistosomiasis Japonica in the Philippine Islands and Japan, *Amer. J. Trop. Med.*, 30: 411-429.

Kane, C. A., and Most, H. (1948), Schistosomiasis of the Central Nervous System: Experiences in World War II and

- a Review of the Literature, *Arch. Neurology and Psychiatry*, 59: 141-183.
- Most, H., and others (1950), Schistosomiasis japonica in American Military Personnel, *Amer. J. Trop. Med.*, 30: 239-299.
- Nelson, E. C., and others (1946), Studies of Filariasis Development of *Wuchereria bancrofti* in *Culex quinquefasciatus* of Oahu, *ibid.*, 26: 707-713.
- Pesigan, T. P. (1948), The Endemicity of Schistosomiasis japonica in Sorsogon, Southeastern Luzon, *J. Philippine Med. Assn.*, 24: 19-27.
- (1948), Schistosomiasis Reconnaissance in Northwestern Mindanao, *ibid.*, 494-505.
- (1950), Studies on Schistosomiasis, *ibid.*, 26: 339-348.
- Tubangui, M. A., and others (1934), Human Infestations with *Ascaris* and *Trichuris* in Different Parts of the Philippine Islands, *Philippine J. Sci.*, 55: 91-113.
- (1935), Observations on the Geographical Distribution of Hookworm Parasites and Hookworm Disease in the Philippines, *ibid.*, 58: 447-469.
- (1948), Schistosomiasis Japonica and Other Helminthic Diseases in the Philippines, *Proc. Fourth Internatl. Congresses on Trop. Med. and Malaria, Washington, 1948*, 2: 1034-1044.
- Wright, W. H., and others (1947), The Epidemiology of Schistosomiasis Japonicum in the Philippine Islands and Japan, *Amer. J. Hyg.*, 27: 164-184.

POLAND

- Kozar, Z. (1949), Methods of Examination of Feces and Incidence of Parasite Worms in Children of Gdansk as Compared with Other European Countries, *Bull. Inst. Marine & Trop. Med., Med. Acad., Gdansk, Poland*, 2: 71-84.

PORTUGAL

- Azevedo, J. F. de, and others (1948), A ancilostomíase rural em Portugal, *Anais Inst. Med. Trop.*, 5: 31-69.