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| Zeitschrift: | Acta Tropica |
| Herausgeber: | Schweizerisches Tropeninstitut (Basel) |
| Band: | 26 (1969) |
| Heft: | (10): Parasitic diseases in Africa and the Western Hemisphere : early documentation and transmission by the slave trade |
| Artikel: | Parasitic diseases in Africa and the Western Hemisphere : early documentation and transmission by the slave trade |
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| Kapitel: | A: Different kinds of early documentation |
| DOI: | https://doi.org/10.5169/seals-311630 |

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A Different Kinds of Early Documentation

1. Skeletal remains and remnants of parasites: Bones with lesions due to yaws or syphilis, *Schistosoma haematobium* eggs in the kidneys of two Egyptian mummies of the twentieth dynasty (ca. 1200–1075 B.C.); lice on the scalp of three prehistoric Indian mummies from the southwestern United States, nits of lice on the hairs of a mummy from the Páramas caves in Peru (circa 200 B.C.); nits on the hairs of an Egyptian mummy of the fourth century A.D.; eggs of *Trichocephalus trichiurus* from the intestinal contents of the corpse of a boy of the late Inca period (circa A.D. 1500) buried on a mountain near Santiago de Chile.
2. Inscriptions and reports of authors of classical Antiquity and the Middle Ages: Hieroglyphic inscriptions in the temples of Denderah and Edfu (middle of the first century B.C.) referring to diseases which possibly included malaria; description of Guinea-worm infection among the population on the shores of the Red Sea by Agatharchides (under Ptolemy VII Alexander, second century B.C.); report by Ibn Khaldūn (1332–1406) on the death of Mari Djata (Jaza), sultan of Mali in the Western Sudan from sleeping sickness in A.D. 1373–74.
3. Reports from the 15th to the 19th century by captains of the merchant marine and naval officers, by physicians and naval surgeons, by traders and explorers. These reports and journals were published individually and in collections of voyages and explorations (note).
4. Old beliefs indicating the early knowledge regarding certain parasitic diseases, for example the old widespread assumption of a connection between mosquitoes and malaria, tsetse flies and sleeping sickness, tick bites and tick-fever (relapsing fever), minute insects (sand-flies) and uta.
5. Early works of art representing parasitic diseases and parasites: Statues of different periods, dating from ca. 500 B.C. to the twentieth century found in Nigeria, and an Ashanti goldweight showing elephantiasis of the scrotum; a terracotta head (about

14th century) and Nigerian masks with lesions due to gangosa (tertiary yaws); terracotta heads found in Esmeraldas (Ecuador) and pre-Inca Peruvian Mochica anthropomorphic vessels with signs of leishmaniasis; Peruvian Mochica vessels representing *Tunga penetrans* infection; early representation in clay and stone of fleas, lice and ticks in African, Mexican, and Peruvian art. Pictures of a man and a dog discharging large worms (*Ascaris*) in Sahagún's *Codex matritense* (16th century). A mural painting in a ruined building at Atetelco (Teotihuacán) Mexico showing a man with an exanthema possibly representing syphilis, yaws or exanthematic typhus, A.D. 200–300 (see Part III: Representation of parasitic diseases and parasites in early African and pre-Columbian American art).

Note

Among the numerous authors of interesting publications mentioning parasitic diseases the following may be listed: JOHN ATKINS, GOMES EANNES DE AZURARA, BAJON, SAMUEL BAKER, JOHN BARBOT, HEINRICH BARTH, ANTHONY BENEZET, WILLEM BOSMAN, JAMES BRUCE, ALEXANDER BRYSON, RICHARD FRANCIS BURTON, HUGH CLAPPERTON, O. DAPPER, B. DAVIDSON, J. B. DU TERTRE, G. A. HOSKINS, J. B. LABAT, JAMES LIND, DAVID LIVINGSTONE, JOHN LOK, JOHN MATTHEWS, FRANCIS MOORE, NICOLAS OWEN, W. F. W. OWEN, MUNGO PARK, ANTONIO PIGAFETTA, FILIPPO PIGAFETTA, G. PISO, POUPPÉ DESPORTES, GABRIEL SOARES DE SOUSA, JOHN HANNING SPEKE, HENRY MORTON STANLEY, THOMAS MASTERMAN WINTERBOTTOM.

Besides these few mentioned authors there are many others whose publications were reprinted completely or in abstracts in 'Collections of Voyages', which were quite popular from the second half of the sixteenth to the first half of the 19th centuries.

Among the older collections are those by G. R. RAMUSIO, 1550–1559; R. HAKLUYT, 1598–1600; S. PURCHAS, 1625–1626; CHURCHILL, AWNSHAM and JOHN, 1704; THOS. ASTLEY, 1745–1747; A. F. PREVOST, 1746–1768; JOHN PINKERTON, 1808–1814.

References

- ASTLEY, THOS. (1745–47). A New General Collection of Voyages and Travels, etc.
4 vols. 4 to. London. (Numerous maps and plates.)
- ATKINS, J. (1742). The Navy Surgeon; or Practical System of Surgery. London.
(First edit. 1734.)
- ATKINS, J. (1735). A Voyage to Guinea, Brasil and the West Indies, in His Majesty's Ships the Swallow and Weymouth, etc. London.

- AZURARA, GOMES EANNES DE. (1896–98). *The Chronicle of the Discovery and Conquest of Guinea*. Written by Gomes Eannes de Azurara. Now first done into English and edited by Charles Raymond Beazley and Edgar Prestage. Maps and ill. — Hak. Soc. Ser. I, vols. 95 and 100, London.
- BAJON, B. (1777, 1778). *Mémoire pour servir à l'histoire de Cajenne et de la Guyane françoise*. 2 vols. Paris.
- BAKER, S. (1874). *Ismailia, a Narrative of the Expedition to Central Africa for the Suppression of the Slave Trade*. Macmillan. London.
- BARBOT, J. (1732). *A Description of the coasts of North and South Guinea and of Ethiopia Inferior, vulgarly called Angola, etc.* In six books. London.
- BARTH, H. (1857–58). *Travels and Discoveries in North and Central Africa 1849–55*. 5 vols. London.
- BENEZET, A. (1771). *Some Historical Account of Guinea, its Situation, Produce and the General Disposition of its Inhabitants*. Philadelphia 1771, London 1772.
- BOSMAN, W. (1705). *A New and Accurate Description of the Coast of Guinea, divided into the Gold, the Slave, and the Ivory Coasts, etc.* (published in the form of twenty letters). Written originally in Dutch (in 1704) by William Bosman, Chief Factor for the Dutch at the Castle of St. George d'Elmina and now faithfully done into English. London.
- BRUCE, J. (1790). *Travels (in Egypt, Arabia, Abyssinia and Nubia) to discover the Source of the Nile, in the Years 1768–1773*. 5 vols. London.
- BRYSON, A. (1847). *Report on the Climate and Principal Diseases of the African Station*. London.
- BURTON, R. F. (1856). *First Footsteps in East Africa*. 2 vols. Longmans Green.
- CHURCHILL, AWNSHAM & JOHN. (1704). *A Collection of Voyages, etc.* 4 vols. Fol. London. (Numerous maps and illustrations.)
- CLAPPERTON, H. (1829). *Journal of a Second Expedition into the Interior of Africa from the Bight of Benin to Soccatoo*. By the late Commander Claperton of the Royal Navy, etc. London, John Murray.
- DAPPER, O. (1670). *Africa being an Accurate Description of the Regions of Egypt, Barbary, Lybia, and Billedulgoria, etc.* London. (Draws much on Leo Afri-canus, original in Dutch.)
- DAVIDSON, BASIL. (1966). *The African Past. Chronicles from Antiquity to Modern Times*. London. Penguin African Library AP 20.
- DAZILLE. (1776). *Observations sur les maladies des Nègres, etc.* Paris.
- DU TERTRE, JEAN-BAPTISTE. (1667–71). *Histoire Générale des Antilles Habitées par les François*. 3 vols. Paris.
- HAKLUYT, R. (1598–1600). *The Principal Navigations, Voyages, Traffiques and Discoveries of the English Nation, etc.* 3 vols. Fol. London.
- HOSKINS, G. A. (1835). *Travels in Ethiopia, above the second cataract of the Nile ... With a map and ninety illustrations of the temples, etc.* London.
- LABAT, JEAN-BAPTISTE. (1722). *Nouveau Voyage aux Isles de l'Amérique*. 6 vols. Paris. — Tome I, pp. 445–446 chapitre XX (1694): *Maladies des Nègres & des Créoles (hookworm)*. Tome IV, pp. 358–360 chapitre XVII (1700): *De l'Epian*.
- LIND, J. (1788). *Essay on Diseases Incidental to Europeans in hot Climates, with appendix: On the Intermittent Fevers*. 4th ed. (1st ed. 1757).
- LIVINGSTONE, D. (1857). *Missionary Travels and Researches in South Africa*. London, John Murray.
- LOK, J. (1554). *The voyage of M. John Lok to Guinea 1554*. — In: Hakluyt, Richard: *The Principal Navigations Voyages Traffiques & Discoveries of the English Nation*. Vol. VI, Glasgow 1904, pp. 154–177.

- MATTHEWS, J. (1788). A Voyage on the River Sierra-Leone on the Coast of Africa. London.
- MOORE, F. (1734). Travels into the Inland Parts of Africa. London.
- OWEN, N. (1930). Journal of a Slave Dealer. A View of some remarkable Accidents in the Life of Nics. Owen on the Coast of Africa from the year 1746 to the year 1757. Edited with an Introduction by Eveline Martin, 2 maps and 16 plates, London.
- OWEN, W. F. W. (1833). Narrative of Voyages to explore the Shores of Africa, Arabia and Madagascar; Performed in H.M. Ships Leven and Barracouta under the Direction of Captain W. F. W. Owen, R.N. in two volumes. London, Richard Bentley.
- PARK, M. (1810). Travels in the Interior Districts of Africa. 8 vols. London.
- PIGAFETTA, A. (1906). Magellan's Voyage round the World by Antonio Pigafetta. The original Text of the Ambrosian M.S. with English Translation, Notes and Bibliography. Edited by James Alexander Robertson. Portraits and facsimiles of charts and plates. 3 vols. Cleveland.
- PIGAFETTA, F. (1881). A Report of the Kingdom of Congo, and of the Surrounding Countries; Drawn out of the Writings and Discourses of the Portuguese, Duarte Lopez by Filippo Pigafetta, in Rome, 1591. Newly translated from the Italian, and Edited with Explanatory Notes, by Margarite Hutchinson, London.
- PINKERTON, J. (1808–14). A General Collection of the best and most interesting Voyages, etc. (Numerous plates and maps, 4 to.) 17 vols. London.
- PISO, G. (1648). De Medicina Brasiliensi libri quatuor. In: Historia naturalis Brasiliae. Part I. Lugd. Batavorum.
- POUPPÉ DESPORTES. (1770). Histoire des Maladies de S. Domingue. 3 vols. Paris.
- PREVOST, A. F. (Abbé). (1746–68). Histoire générale des Voyages, ou nouvelle collection de toutes les relations de voyages, etc. 18 vols. 4 to. Paris.
- PURCHAS, S. (1625–26). Hakluytus Posthumus; or Purchas his Pilgrimes. 5 vol. London.
- RAMUSIO, G. B. (1550–59). op. cit.
- SOARES DE SOUSA, G. (1938). Tratado Descriptivo do Brasil em 1587. Bibliotheca Pedagogica Brasileira. 3rd edit. São Paulo, Rio de Janeiro.
- SPEKE, J. H. (1863). Journal of the Discovery of the Source of the Nile. Blackwood.
- STANLEY, H. M. (1878). Through the Dark Continent. Sampson Low.
- WINTERBOTTOM, TH. M. (1803). An Account of the Native Africans in the Neighbourhood of Sierra Leone, to which is added an account of the present state of medicine among them. 2 vols. London.