

since at present there is no other standard of comparison.—Yours, etc.,

H. E. SHORTT,
Major, I. M. S.

PASTEUR INSTITUTE, SHILLONG,
6th November 1923.

MALARIA IN ASSAM.

To the Editor, "THE INDIAN MEDICAL GAZETTE."

SIR,—You may be interested to learn of the discovery in Assam, during an investigation in which I am engaged at the instance of the Indian Tea Association into conditions affecting the incidence of malaria in the tea gardens of this province, of the anopheline mosquito *A. umbrosus* (Theo.).

This species it is, of course, which is so closely associated with the epidemiology of severe malaria in Malaya, and it is therefore fair to presume that its presence in Assam is a factor of importance in the tea gardens; to what extent will, it is hoped, be elucidated by the continuance of the observations now being carried out.

The effect of its ravages was typically seen in a settlement of *Daphlas* carved out of the jungle in the Balipara Frontier Tract which I visited at the invitation of Captain Navill, P. O., with Di. Forsyth and Dr. Jameson. I could only conclude during my visit there that the splenic index of 100 per cent. among the children was due to the operations of *A. umbrosus*. The conditions were exactly similar to those in places in Malaya where *A. umbrosus* is found to be causing much malaria, and many breeding places of the species were found.

This is not perhaps a matter of surprise, for the Assamese fauna in general and the anophelines in particular follow the Malayan so closely,—indeed Christophers anticipated the discovery in his *Synoptic Table of Indian Anophelines*.—Yours, etc.,

C. STRICKLAND, M.A., B.C.,
Professor of Medical Entomology, Calcutta
School of Tropical Medicine, and
Officer in Charge, the I. T. A., Malaria
Enquiry, Assam Tea Gardens.

12th November 1923.

RHINOLITHS.

To the Editor, "THE INDIAN MEDICAL GAZETTE."

SIR,—In your issue of October, 1923, Mr. L. M. Chakraverty describes a rhinolith removed from the nose of a Mahomedan male, aged 38, and asks whether it is possible for a tamarind seed put in some 28 years ago to form round it a rhinolith. My experience at the J. J. Hospital, Ear, Nose and Throat Department, where every day some foreign body is removed from either the nose or throat is that:

(1) Tamarind seeds are the commonest seeds introduced into the nose by small children, not adults, and it is customary for the parents to bring the child within a few days to a few months. It could not remain there for 28 years without causing trouble.

(2) Rhinoliths occur after injury to the nasal mucous membrane such as after bleeding or pricking, and the rhinolith forms from the secretions of the nasal mucous membrane aided by bacteria, as with gall and renal stones, and occurs in those cases only where an irritating nasal discharge has lasted a couple of years or more.

(3) That it is often difficult to remove these rhinoliths, not the so-called foreign body or pebble or stone entirely.

It is most likely that the tamarind seed was put into his nose and either passed out or was swallowed by the patient when twelve years of age. Certainly there was no evidence of its presence in the broken pieces removed by Mr. Chakraverty.—Yours, etc.,

F. W. BANA, M.B.,
M.R.C.S., D.P.H., D.T.M. & H.,
Junior Hon. Aural Surgeon,
J. J. Hospital, Bombay.

BOMBAY,
12th October 1923.

Service Notes.

APPOINTMENTS AND TRANSFERS.

MAJOR-GENERAL C. H. BOWLE-EVANS, C.M.G., C.B.E., M.D., is appointed as Honorary Physician to the King, Indian Military Forces.

Lieut.-Colonel F. E. Wilson, I.M.S., is appointed as Civil Surgeon, Quetta, with effect from the 16th October 1923.

Lieut.-Colonel R. F. Baird, I.M.S., is appointed as Inspector-General of Civil Hospitals, United Provinces, with effect from the date on which he assumes charge.

The services of Lieut.-Colonel R. McCarrison, C.I.E., M.D., F.R.C.P., V.H.S., I.M.S., are placed at the disposal of the Foreign and Political Department, with effect from the 1st December 1923.

Lieut.-Colonel R. M. Carter, C.B., F.R.C.S., I.R.C.P., D.T.M., I.M.S., to act as Senior Medical Officer and First Physician J. J. Hospital and Professor of Medicine and Therapeutics, Grant Medical College, Bombay.

Lieut.-Colonel G. D. Franklin, O.B.E., B.A., M.B., I.M.S., is appointed as Chief Medical Officer, North-West Frontier Province, with effect from the afternoon of 15th November 1923.

Lieut.-Colonel H. C. Keates, M.D., I.M.S., is appointed as Civil Surgeon, Amritsar, with effect from the afternoon of 15th September 1923.

Lieut.-Colonel J. W. Watson, C.I.E., I.M.S., is appointed as Civil Surgeon, Ajmere, and Chief Medical Officer in Rajputana, with effect from the 13th November 1923.

Major H. Hingston, I.M.S., to act as First Resident Surgeon, Presidency General Hospital, Calcutta.

Major E. B. Munro, O.B.E., M.B., I.M.S., to act as Civil Surgeon, Burdwan, from the forenoon of 2nd November 1923.

Major K. S. Thakur, I.M.S., is appointed as Civil Surgeon, Bakarganj.

Major S. S. Vazifdar, M.R.C.S., M.R.C.P., I.M.S., to act as Second Physician and Registrar, J. J. Hospital, and Professor of Materia Medica and Pharmacy, Grant Medical College, Bombay.

Major A. H. Proctor, D.S.O., M.D., F.R.C.S.E., I.M.S., is appointed as Civil Surgeon, Murshidabad.

Major N. M. Wilson, O.B.E., I.M.S., is appointed as Civil Surgeon, Lyallpur, with effect from the 15th October 1923.

Major R. A. Chambers, O.B.E., I.M.S., is appointed as Principal, Medical School, Amritsar, with effect from the 22nd September 1923.

Major A. M. Dick, O.B.E., F.R.C.S., I.M.S., is appointed as Professor of Ophthalmology, King Edward Medical College, Lahore, with effect from the 1st October 1923.

Major T. A. Hughes, M.D., I.M.S., is appointed as Professor of Physiology, King Edward Medical College, Lahore, with effect from the 1st October 1923.

Major D. H. Rai, M.D., M.C., I.M.S., is appointed as Professor of Materia Medica, King Edward Medical College, Lahore, with effect from the 1st October 1923.

Major Anderson, I.M.S., is appointed acting Civil Surgeon, Quetta, with effect from the 1st October 1923, in addition to his duties as Civil Surgeon, Sibi.

The services of Captains N. K. Bal, M.C., I.M.S., and N. M. Mehta, I.M.S., are placed temporarily at the disposal of the Government of Madras, with effect from the dates on which they assume charge of their duties.

Captain H. G. Alexander, I.M.S., to act as Second Resident Surgeon, Presidency General Hospital, Calcutta.

Captain R. Sweet, D.S.O., M.B., I.M.S., is appointed as Assistant to the Officer in charge, Medical Store Depot, Madras, with effect from the 12th January 1923.

Captain S. N. Hayes, I.M.S., is appointed as Civil Surgeon, Dera Ghazi Khan, with effect from the 10th October 1923.

The services of Captain J. W. Jones, D.S.O., M.B., I.M.S., are placed temporarily at the disposal of the Government of Burma, with effect from the date on which he assumed charge.