

REPORTS ON PLAGUE INVESTIGATIONS IN INDIA

ISSUED BY THE ADVISORY COMMITTEE APPOINTED BY THE SECRETARY
OF STATE FOR INDIA, THE ROYAL SOCIETY, AND THE LISTER
INSTITUTE.

(*Forming five extra numbers of the Journal of Hygiene: vol. VI. no. 4, 6s. net*
(this part is sold only in complete sets of the *Journal of Hygiene*);
vol. VII. no. 3, 6s. net; vol. VII. no. 6, 6s. net; and vol. VIII. no. 2, 6s. net;
vol. X. no. 3, 6s. net (these five parts can now be supplied, in two
volumes, bound in buckram, price 20s. net).)

CONTENTS OF THE SECOND PLAGUE NUMBER, July 1907

- XI. The diagnosis of natural rat plague
- XXII. The pathological histology of the spleen and liver in spontaneous rat plague, with observations on the experimental infection. By J. C. G. Ledingham, M.B., B.Sc., M.A.
- XIII. Transmission of plague by feeding rats with infected material
- XIV. On the significance of the locality of the primary bubo in animals infected with plague in nature
- XV. Further observations on the transmission of plague by fleas, with special reference to the fate of the plague bacillus in the body of the rat flea (*P. cheopis*)
- XVI. Experimental production of plague epidemics among animals. (*Second Communication*)
- XVII. Experiments in plague houses in Bombay. (*Second Communication*)
- XVIII. On the external anatomy of the Indian rat flea (*P. cheopis*), and its differentiation from some other common fleas
- XIX. On the natural occurrence of chronic plague in rats
- XX. A note on man as a host of the Indian rat flea (*P. cheopis*)

154 pp. with 6 plates

CONTENTS OF THE THIRD PLAGUE NUMBER, December 1907

- XXI. Digest of recent observations on the epidemiology of plague
- XXII. The epidemiological observations made by the commission in Bombay City
- XXIII. Observations made in four villages in the neighbourhood of Bombay
- XXIV. General considerations regarding the spread of infection, infectivity of houses, etc., in Bombay City and Island
- XXV. Observations in the Punjab villages of Dhand and Kasel.

302 pp., with 23 plates, and 76 maps and charts

CONTENTS OF THE FOURTH PLAGUE NUMBER, May 1908

- XXVI. The part played by insects in the epidemiology of plague. By D. T. Verjbitski, M.D., St Petersburg
- XXVII. Report on experiments undertaken to discover whether the common domestic animals of India are affected by plague. By W. B. Bannerman and R. J. Kápadia
- XXVIII. Additional experiments on the septicaemia in human plague, with an account of experiments on the infectivity of the excreta
- XXIX. Observations on the bionomics of fleas with special reference to *Pulex cheopis*
- XXX. The mechanism by means of which the flea clears itself of plague bacilli
- XXXI. On the seasonal prevalence of plague in India
- XXXII. On the differential diagnosis of the plague bacillus from certain allied organisms

148 pp. with 7 charts

CONTENTS OF THE FIFTH PLAGUE NUMBER, November 1910

- XXXIII. The experimental production of plague epidemics among animals. (Third communication.) (Diagrams I—VII)
- XXXIV. Resolving (chronic) plague in rats. (Plate VIII)
- XXXV. On the spread of epidemic plague through districts with scattered villages: with a statistical analysis by Dr M. Greenwood. (Maps I—XLVIII)
- XXXVI. Observations on rat and human plague in Belgaum. (Maps I—XVII, Plates IX and X, and Charts I—III)
- XXXVII. Observations on rat and human plague in Poona. (Maps I—V, Plate XI, and Charts I—VIII)
- XXXVIII. Experiments on the vaccination of animals against plague by Dr S. Rowland
- XXXIX. Interim report by the Advisory Committee

254 pp., with 7 diagrams, 4 plates, 70 maps and 11 charts

CAMBRIDGE UNIVERSITY PRESS, FETTER LANE, LONDON
C. F. CLAY, Manager

CONTENTS

(All rights reserved)

	PAGE
DARLING, S. T. The probable mode of infection and the methods used in controlling an outbreak of equine trypanosomiasis (<i>Murrina</i>) in the Panama Canal zone	83
SANT' ANNA, JOSÉ F. On a disease in man following tick-bites and occurring in Lourenço Marques	87
NUTTALL, GEORGE H. F. On symptoms following tick-bites in man	89
SEIDELIN, HARALD. An iron-haematein stain. With remarks on the Giemsa stain. (With Plate V.)	94
SWELLENGREBEL, N. H. and STRICKLAND, C. Some remarks on Dr Swingle's paper "The transmission of <i>Trypanosoma lewisi</i> by rat fleas," etc.	104
SWELLENGREBEL, N. H. Note on the morphology of <i>Herpetomonas</i> and <i>Crithidia</i> , with some remarks on "physiological degeneration." (With 12 Diagrams)	108
WOOLLEY, PAUL G. and HUFFMAN, OTTO V. The ova of <i>Schistosoma japonicum</i> and the absence of spines	131
HINDLE, EDWARD. The transmission of <i>Spirochaeta duttoni</i>	133
WOODCOCK, H. M. A reply to Miss Porter's note entitled "Some remarks on the genera <i>Crithidia</i> , <i>Herpetomonas</i> and <i>Trypanosoma</i> "	150
PORTER, ANNIE. Further remarks on the genera <i>Crithidia</i> , <i>Herpetomonas</i> and <i>Trypanosoma</i> , and Dr Woodcock's views thereon	154
HOWARD, C. W. An experiment in fumigation of ticks	164
MERRIMAN, GORDON. The geographical distribution of <i>Ornithodoros moubata</i> (Murray, 1877). (With a Map)	168
MAXWELL-LEFROY, H. Notes on entomological boxes	174

PARASITOLOGY will be published about four times a year. The numbers will afterwards be issued in volumes each containing four numbers and amounting to between 400 and 500 pages, with plates and figures.

Volumes I, II and III (1908-10) are now ready. In four parts, paper covers, 21s. net per volume. Bound in buckram, 25s. net per volume.

Papers for publication should be sent to Professor GEO. H. F. NUTTALL, F.R.S., 3 Cranmer Road, Cambridge, or to the Associate Editor. Other communications should be addressed to the University Press, Cambridge.

Papers forwarded to the Editors for publication are understood to be offered to *PARASITOLOGY* alone, unless the contrary is stated.

Contributors receive fifty copies of their papers free. Additional copies, not exceeding 200, may be had at cost price: these should be ordered when the final proof is returned.

The subscription price is £1. 1s. per volume (post-free), payable in advance; single numbers 7s. net (double number 14s. net). *Subscribers to the Journal of Hygiene* may obtain single numbers of *PARASITOLOGY* at the reduced price of 5s. net, or may become subscribers at the reduced rate of 15s. per volume. Subscriptions may be sent to any Bookseller, or to MR C. F. CLAY, MANAGER, Cambridge University Press, Fetter Lane, London, E.C.