

CAMBRIDGE UNIVERSITY PRESS  
**THE BACTERIOLOGY OF  
DIPHTHERIA**

By F. LOEFFLER, M.D., LL.D., ARTHUR NEWSHOLME, M.D., F.R.C.P.,  
F. B. MALLORY, M.A., M.D., G. S. GRAHAM-SMITH, M.A., M.D., D.P.H.  
GEORGE DEAN, M.D., WILLIAM H. PARK, M.D. & CHARLES F. BOLDUAN, M.D.

Edited by G. H. F. NUTTALL, M.D., PH.D., Sc.D., F.R.S., Quick Professor of  
Biology in the University of Cambridge, and G. S. GRAHAM-SMITH,  
M.A., M.D., University Lecturer in Hygiene, Cambridge.

*Royal 8vo. With 4 Portraits and 16 Plates. Price 25s. net.*

*ATHENAEUM*, April 8, 1908.—“A complete monograph upon diphtheria, written by those who are able to speak with the greatest authority upon the subjects with which they have been entrusted by the editors...The mere enumeration of the writers is a sufficient guarantee of the excellence of the work, and of the authority which it carries; whilst the articles are written in clear and good English, free, for the most part, from the technical terms which make many treatises on bacteriology difficult and unprofitable to read. The articles are well harmonized, and the teaching in regard to difficult and debatable points is marked by moderation and common sense.”

---

**BLOOD IMMUNITY  
AND  
BLOOD RELATIONSHIP**

A DEMONSTRATION OF CERTAIN BLOOD-RELATIONSHIPS  
AMONGST ANIMALS BY MEANS OF

**THE PRECIPITIN TEST FOR BLOOD**

By GEORGE H. F. NUTTALL, M.D., PH.D., Sc.D., F.R.S. Including Original  
Researches by G. S. GRAHAM-SMITH, M.A., M.B., D.P.H. (Camb.) and  
T. S. P. STRANGWAYS, M.A., M.R.C.S.

*Medium 8vo. Price 15s. net.*

*The results recorded in these pages should be of interest not only to zoologists, physiologists, and those engaged in practical medico-legal work, but also to those interested in the complex problems of immunity.*

*BRITISH MEDICAL JOURNAL*.—“The present volume fully justifies Dr Nuttall's right to be regarded as the proper man to deal with this subject, and constitutes a work which must necessarily rank as the standard authority on the precipitins of blood serum.”

---

**RAT FLEAS AND PLAGUE**

Larter's "Common Sense" EXTERMINATOR kills the fleas on the  
rat as well as the rat and thus prevents the spread of plague

Safe to use, no smell from dead carcasses      Recommended by Sanitary Experts

8s. 4d. size tin kills 500 rats      Will keep in any climate  
Does not contain germs

Write for particulars and free booklet entitled *The Case against the Rat*

COMMON SENSE MANUFACTURING CO.,  
GOVERNMENT CONTRACTORS,

21, LIME STREET, LONDON, E.C.

# CONTENTS

(All rights reserved)

	PAGE
TURNER, G. A. Bilharziosis in South Africa . . . . .	195
CLELAND, J. BURTON. Note on Spirochaetes in Castration Tumours of Pigs . . . . .	218
NUTTALL, GEORGE H. F. AND GRAHAM-SMITH, G. S. Notes on the Drug Treatment of Canine Piroplasmosis . . . . .	220
DURHAM, HERBERT E. Notes on Nagana and on some Haema- tozoa observed during my travels . . . . .	227
MINCHIN, E. A. Note on the Polymorphism of <i>Trypanosoma</i> <i>Gambiense</i> . (Plate XVII.) . . . . .	236
NUTTALL, GEORGE H. F., COOPER, W. F. AND ROBINSON, L. E. On the Structure of "Haller's Organ" in the Ixodoidea. (Plate XVIII and one Text Figure.) . . . . .	238
NUTTALL, GEORGE H. F. AND GRAHAM-SMITH, G. S. The Development of <i>Piroplasma canis</i> in Culture. (Plate XIX and one Text Figure.) . . . . .	243
NUTTALL, GEORGE H. F. AND STRICKLAND, C. Note on the Prevalence of Intestinal Worms in Dogs in Cambridge . . . . .	261

*PARASITOLOGY* will be published at intervals determined by the material received by the Editors. The numbers will afterwards be issued in volumes each containing four numbers and amounting to between 400 and 500 pages, with plates and figures.

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. *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 Warehouse, Fetter Lane, London, E.C.