

THE JOURNAL OF HYGIENE

EDITED BY

GEORGE H. F. NUTTALL, M.D., PH.D., F.R.S.

UNIVERSITY LECTURER IN BACTERIOLOGY AND PREVENTIVE MEDICINE, CAMBRIDGE

IN CONJUNCTION WITH

JOHN S. HALDANE, M.D., F.R.S.

LECTURER IN PHYSIOLOGY IN THE UNIVERSITY OF OXFORD

ARTHUR NEWSHOLME, M.D., F.R.C.P.

MEDICAL OFFICER OF HEALTH OF BRIGHTON

CHARLES J. MARTIN, M.B., D.Sc., F.R.S.

DIRECTOR OF THE LISTER INSTITUTE OF PREVENTIVE MEDICINE, LONDON

Volume V. 1905



CAMBRIDGE
AT THE UNIVERSITY PRESS

LONDON: CAMBRIDGE UNIVERSITY PRESS WAREHOUSE, FETTER LANE

(C. F. CLAY, MANAGER)

AND H. K. LEWIS, GOWER STREET

NEW YORK: THE MACMILLAN COMPANY

LEIPSIK: BROCKHAUS

BOMBAY AND CALCUTTA: MACMILLAN & CO., LTD.

Entered at the New York Post Office as Second Class matter.

[All Rights reserved]

Cambridge :
PRINTED BY JOHN CLAY, M.A.
AT THE UNIVERSITY PRESS.

CONTENTS.

No. 1 (January).

	PAGE
SIR JOHN SIMON (Portrait)	<i>Frontispiece</i>
THE LIFE WORK OF SIR JOHN SIMON	1
BOWHILL, T. Equine Piroplasmosis, or "Biliary Fever." (Plates I—III.)	7
ROSS, P. H. A Note on the Natural Occurrence of Piroplasmosis in the Monkey (<i>Cercopithecus</i>). (Three Charts.)	18
SMEDLEY, R. D. The Cultivation of Trypanosomata. (Plates IV—V.)	24
HANKIN, E. H. On the Epidemiology of Plague	48
HAYWARD, T. E. An Improved Method of constructing Shortened Life-Tables for Public Health Comparative Statistics. (Two Figures.)	84
DEAN, G. Further Observations on a Leprosy-like Disease of the Rat. (Plates VI and VII.)	99
CRAW, J. A. On the Mechanism of Agglutination	113

No. 2 (April).

WRIGHT, H. The successful Application of Preventive Measures against Beri-Beri	129
PETRIE, G. F. On the Relationship of the Pseudo-Diphtheria to the Diphtheria Bacillus	134
SAVAGE, W. G. Bacteriological Examination of Tidal Mud as an Index of Pollution of the River. (One Figure.)	146
NEWSHOLME, A. and STEVENSON, T. H. C. An Improved Method of calculating Birth-Rates	175
HAYWARD, T. E. An Improved Method of constructing Shortened Life-Tables	185
PETRIE, G. F. Observations relating to the Structure and Geographical Distribution of certain Trypanosomes. (Plate VIII.)	191
MACKIE, W. A Handy Method of determining the Amount of Carbonic Acid in Air	201
BOYCOTT, A. E. The Seasonal Prevalence of Hofmann's Bacillus	223
PUBLICATIONS RECEIVED	233

No. 3 (July).

NUTTALL, G. H. F. and GRAHAM-SMITH, G. S. Canine Piroplasmosis. II. (Plate IX.)	237
GRAHAM-SMITH, G. S. Canine Piroplasmosis. III. Morbid Anatomy. (Two Charts and Plates X and XI.)	250

	PAGE
WRIGHT, J. A. Canine Piroplasmosis. IV. On certain Changes in the Blood. (Three Figures.)	268
METTAM, A. E. A Note on Bovine Piroplasmosis	271
FRENCH, H. S. and BOYCOTT, A. E. The Prevalence of <i>Trichocephalus dispar</i>	274
BOYCOTT, A. E. A case of Skin Infection with <i>Ankylostoma</i> . (One Figure.)	280
INCHLEY, O. Pilocarpine and other Reagents in Relation to Precipitin Immunity. (Six Figures.)	285
NEWSHOLME, A. and STEVENSON, T. H. C. An Improved Method of calculating Birth-Rates. Part II. Results	304
BAXTER-TYRIE, C. C. Report of an Outbreak of Plague in Queensland during the first six months of 1904	311
MACCONKEY, A. Lactose-Fermenting Bacteria in Faeces	333
LEISHMAN, W. B., HARRISON, W. S., SMALLMAN, A. B., and TULLOCH, F. M. G. An Investigation upon the Blood Changes following Antityphoid Inoculation. (Nine Charts.)	380

No. 4 (October).

WILLSON, H. S. The Isolation of <i>B. Typhosus</i> from Infected Water, with Notes on a New Process	429
CROFTON, W. M. A Method of Testing Antibacterial Sera, with some Observations on the Immunising Bodies in them	444
KORTÉ, W. E. DE. On the Presence of a Sarcosporidium in the Thigh Muscles of <i>Macacus rhesus</i> . (Plate XII.)	451
GRAHAM-SMITH, G. S. A New Form of Parasite found in the Red Blood Corpuscles of Moles. (Plates XIII and XIV.)	453
CROPPER, J. The Malarial Fevers of Jerusalem and their prevention	460
HILL, E. and HAYDON, L. G. The Epidemic of Malarial Fever in Natal, 1905. (Plate XV and One Chart.)	467
NUTTALL, G. H. F. Note on the Prevalence of Anopheles	485
HARDEN, A. The Chemical Action on Glucose of the Lactose-Fermenting Organisms of Faeces	488
HALDANE, J. S. The Influence of High Air Temperatures. No. I	494
BROWNLEE, J. Statistical Studies in Immunity. Natural Immunity and the Capacity for acquiring Immunity in the Acute Infectious Diseases. (Three Diagrams.)	514
TRAVERS, G. A. O. Letter relating to the paper entitled "The successful application of Preventive Measures against Beri-Beri," by Dr Hamilton Wright	536
PUBLICATIONS RECEIVED	540
INDEX OF AUTHORS	545
INDEX OF SUBJECTS	547