

# THE JOURNAL OF HYGIENE

EDITED BY

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

EMERITUS PROFESSOR OF BIOLOGY IN THE UNIVERSITY OF CAMBRIDGE

IN CONJUNCTION WITH

J. C. G. LEDINGHAM, C.M.G., M.B., D.Sc., F.R.S.,  
Professor of Bacteriology in the University of London,  
Director of the Lister Institute, London.

G. S. GRAHAM-SMITH, M.D., F.R.S.,  
Reader in Preventive Medicine, Cambridge.

MAJOR GREENWOOD, D.Sc., F.R.C.P. (LOND.), F.R.S.,  
Professor of Epidemiology and Vital Statistics in the University of London.

SIR DAVID MUNRO, K.C.B., C.I.E., M.B.,  
Secretary, Industrial Health Research Board, Medical Research Council.

*PUBLISHED QUARTERLY*



LONDON

CAMBRIDGE UNIVERSITY PRESS

FETTER LANE, E.C. 4

CHICAGO: The University of Chicago Press  
(Agents for the United States)

BOMBAY, CALCUTTA, MADRAS: Macmillan

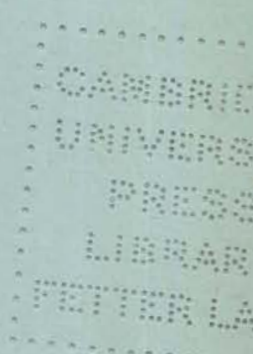
TOKYO: Maruzen Company Ltd.

*All rights reserved*

*Price Fourteen Shillings net*

9 November 1936

PRINTED IN GREAT BRITAIN



# The Quarterly Journal of Medicine

*Edited by*

T. R. ELLIOTT, F. R. FRASER, A. G. GIBSON, D. HUNTER, J. W. McNEE, J. A. RYLE

*with the help of*

E. FARQUHAR BUZZARD, GORDON HOLMES, ARTHUR F. HURST, J. A. NIXON,  
R. A. PETERS, E. P. POULTON, E. I. SPRIGGS, O. L. V. S. DE WESSELOW

## CONTENTS

NEW SERIES. VOL. V, No. 19. JULY 1936

Respiratory Efficiency Tests in Asthma. By JAMES L. LIVINGSTONE and MARJORIE GILLESPIE.—  
A Review of Recent Work on Whooping-cough. By R. E. SMITH.—Pulmonary Congestion  
Following Artificial Pneumothorax: Its Clinical Significance. By RONALD V. CHRISTIE. With  
Plate 13.—The Role of Calcium in Spontaneous Overbreathing Tetany. By C. G. BARNES  
and R. I. N. GREAVES.—Chemical and Clinical Findings in Beri-Beri with Special Reference  
to Vitamin B<sub>1</sub> Deficiency. By B. S. PLATT and G. D. LU.—Secondary Thrush of the Bronchi.  
By J. F. D. SHREWSBURY.—The Raynaud Phenomena: A Critical Review. By JOHN H. HUNT.  
With Plates 14 and 15.

SINGLE NUMBERS 10s. 6d. NET EACH      SUBSCRIPTION 35s. PER ANNUM  
VOLUMES 45s. NET      "      BOUND VOLUMES 40s. NET  
CLOTH CASES 5s. NET

Humphrey Milford, Oxford University Press, London, E.C. 4