CAMBRIDGE UNIVERSITY PRESS

- Industrial Colonies and Village Settlements for the Consumptive. By Sir GERMAN WOODHEAD, K.B.E., V.D., M.D., LL.D., and P. C. VARRIER-JONES, M.R.C.S., L.R.C.P., Tuberculosis Officer for the County of Cambridge. With a Preface by Sir CLIFFORD ALLBUTT. Demy 8vo. Paper covers, 9s net; cloth, 10s 6d net.
- The State Provision of Sanatoriums. By S. V. PEARSON, M.D., F.R.C.P. Demy 8vo. 55 net.
- A Manual of School Hygiene. By E. W. HOPE, M.D., E. A. BROWNE, F.R.C.S., and C. S. SHERRINGTON, M.D., F.R.S. New edition, with six additional chapters on Physiology. Crown 8vo. 6s.
- Occupations from the Social, Hygienic, and Medical Points of View. By Sir THOMAS OLIVER, M.A., M.D., LL.D., D.Sc., F.R.C.P., Professor of Medicine, University of Durham. Demy 8vo. 8s 6d net.
- House Flies and how they spread Disease. By C. G. HEWITT, D.Sc. With 20 illustrations. Royal 16mo. Cloth, 28 6d net; leather, 38 net. Cambridge Manuals Series.
- Sewage Purification and Disposal. By G. BERTRAM KERSHAW, M.Inst.C.E., Engineer to the Royal Commission on Sewage Disposal. Demy 8vo. With 4 tables and 56 text-figures and plans. 17s net.
- Practical Pharmacology, for the use of Students of Medicine. By W. E. DIXON, M.A., M.D., F.R.S. Demy 8vo. 8s 6d net.
- The Transmutation of Bacteria. By S. GURNEY-DIXON, M.A., M.D., M.R.C.S., L.R.C.P. Demy 8vo. 12s net.
- The Bacteriology of Diphtheria. By G. H. F. NUTTALL, M.D., PH.D., Sc.D., F.R.S., and G. S. GRAHAM-SMITH, M.A., M.D., F.R.S. Re-issue with bibliography, recording the more important work published since 1908. Royal 8vo. 4 portraits. 16 plates. 26s net.
- Immunity in Infective Diseases. By E. METCHNIKOFF. Translated by F. G. BINNIE. Royal 8vo. 45 figures. 24s net.
- A Treatise on Plague. By W. J. SIMPSON, M.D., F.R.C.P., D.P.H. Royal 8vo. Maps and illustrations. 30s net.
- Canned Foods in relation to Health. (Milroy Lectures, 1923). By WILLIAM G. SAVAGE, B.Sc., M.D. (Lond.), D.P.H. With 6 textfigures, 19 tables, and 1 chart. Demy 8vo. 8s 6d net.

FETTER LANE, LONDON, E.C. 4

CONTENTS

(All rights reserved)

	PAGE
BROWN, H. C., DUNCAN, J. T. and HENRY, T. A. The Fermentation of Salts of Organic Acids as an aid to the differentiation of Bacterial Types. (With Plates I and II) .	1
MURRAY, E. G. D. and AYRTON, R. Observations on the Growth of	
Meningococci in vitro in Relation to Virulence	23
DUDGEON, L. S. and JEWESBURY, R. C. The Bacteriology of Human	
Milk	64
HEAP, HARRI and CADNESS, BESSIE H. E. The Influence of Carbo-	
hydrates on Hydrogen Sulphide Production by Bacillus aertrycke	
(Mutton). (With 4 Charts)	77
SMITH, J. Enteritis due to B. dysenteriae Sonne	94
BACOT, A. W. and MARTIN, C. J. The Respective Influences of Tem- perature and Moisture upon the Survival of the Rat Flea (Xenopsylla cheopis) away from its host. (With 3 Text-figures)	98
	00
LOCKHART, L. P. The Bacteriological Examinations of the Faeces in Four Cases of Typhoid Fever, made at frequent intervals for a	
period of one month	106

The Journal of Hygiene is issued as material accumulates. A volume containing four numbers is issued annually.

Volumes I-III (1901-3) complete. In Four Parts, paper covers, 17s. 6d. net per volume.

Volumes IV-XVI (1904-18) complete. In Parts, paper covers, 25s. net per volume.

Volume XVII (1918). In Four Parts, paper covers, 31s. net.

Volume XVIII (1919—1920). In Four Parts, paper covers, 42s. net. Volume XIX (1920—1921). In Four Parts, paper covers, 42s. net.

Volume XX (1921). In Four Parts, paper covers, 42s. net. Volume XXI (1922—1923). In Four Parts, paper covers, 42s. net.

Quotations can be given for buckram binding cases and for binding subscribers' sets; also for bound copies of back volumes.

Papers for publication may be sent to Prof. GEO. H. F. NUTTALL, F.R.S., Longfield, Madingley Road, Cambridge, or to the associate Editors. Other communications should be addressed to the University Press, Cambridge.

Papers forwarded to the Editors for publication are understood to be offered to The Journal of Hygiene alone, unless the contrary is stated.

Contributors receive fifty copies of their papers free. Additional copies may be had at cost price: these should be ordered when the final proof is returned.

The subscription price is £2. 2s. per volume (post-free), payable in advance: single numbers 12s. 6d. net. Subscriptions may be sent to any Bookseller, or to The Cambridge University Press, Fetter Lane, London. E.C. 4.

The Cambridge University Press has appointed the University of Chicago Press agents for the sale of The Journal of Hygiene in the United States of America and has authorised them to charge the following prices : Subscription \$10.00 per volume; single numbers, \$3.00 each.

Plague Numbers, Vol. VI. no. 4 (not sold separately), Vol. VII. nos. 3 and 6, and Vol. VIII. no. 2, Vol. X. no. 3, Price 6s. net each. These five numbers can also be supplied bound in buckram, in two parts, for 20s. net.

A series of Plague Supplements has been issued; the first four of these contain Reports VI-IX on Plague Investigations in India. They are, in pagination, completely independent of the Journal although subscribers to the latter receive copies without extra cost. Price of Plague Supplements, i. and ii. 7s. net each: iii. 10s. net; iv. and v. 7s. net each. Plague Supplements i, ii, iii can also be supplied bound in buckram, price 20s. net. Further reports are in preparation.

PRINTED IN ENGLAND AT THE CAMBRIDGE UNIVERSITY PRESS.