

The Journal of Tropical Medicine and Hygiene

Edited by the late D. M. Mackay

Editorial Panel

D. J. Bradley	R. G. Feachem	W. Peters
W. A. M. Cutting	A. P. Hall	H. A. Reid
A. J. Duggan	H. W. W. MacDonald	A. C. Turner
	P. R. Payne	

**1981
Volume 84**

Published for the London School of Hygiene & Tropical Medicine
by Blackwell Scientific Publications
Oxford London Edinburgh Boston Melbourne

© 1981 Blackwell Scientific Publications
Osney Mead, Oxford OX2 OEL
8 John Street, London WC1N 2ES
9 Forrest Road, Edinburgh EH1 2QH
52 Beacon Street, Boston MA 02108, USA
99 Barry Street, Carlton, Victoria 3035, Australia

ALL RIGHTS RESERVED. No part of this publication
may be reproduced, stored in a retrieval system,
or transmitted, in any form or by any means,
electronic, mechanical, photocopying, recording
or otherwise without the prior permission of the
copyright owner.

Set in IBM Press Roman

Printed in Great Britain
at the Dorset Press, Dorchester

Contents

Number 1, February 1981

- 1 Editorial
- 3 Renal ultrastructure in cortical necrosis following Russell's viper envenomation
Anand Date and J. C. M. Shastry
- 9 Histoplasmosis in the eastern Caribbean: a preliminary survey of the incidence of the infection
R. J. Hay, H. St. J. White, P. E. Fields, D. B. E. Quamina, M. Dan and T. R. Jones
- 13 Unidirectional hybrid male sterility from crosses between species A and species B of the taxon *Anopheles (Cellia) culicifacies* Giles
S. J. Miles
- 17 Sanitation of *Culex pipiens* mosquitoes: a brief review
C. F. Curtis and R. G. Feachem
- 27 Field incubator for measuring drug susceptibility of *Plasmodium falciparum*
G. M. Eastham and K. H. Rieckmann
- 29 Enteric fever in childhood
A. O. K. Johnson and W. I. Aderele
- 37 Radiology in the Middle East: a review of ten thousand cases
O. P. FitzGerald-Finch
- 41 A Japanese encephalitis focus in Bangladesh
A. M. Khan, A. Q. Khan, L. Dobrzynski, G. P. Joshi and Aung Myat
- 45 Short Communication: Hatching and subsequent cultivation of cysts of *Giardia intestinalis* in Diamond's medium
V. N. Bhatia and D. C. Warhurst

Number 2, April 1981

- 47 Guest Editorial
- 49 National incomes and health: implications of some recent additions to the data
G. E. Cumper
- 63 A seroepidemiological survey in the Gezira, Sudan, with special reference to arboviruses
A. H. S. Omer, Moira L. McLaren, B. K. Johnson, A. C. Chanas, I. Brumpton, P. Gardner and C. C. Draper
- 67 An assessment of anti-schistosomal treatment on physical work capacity
M. A. Awad El Karim, K. J. Collins, M. Y. Sukkar, A. H. S. Omer, M. A. Amin and C. Doré

- 73 A practical, reliable method for preparing simple sugar/salt oral rehydration solution
M. M. Levine, Mary Lou Clements, R. E. Black, T. P. Hughes, Deborah Blum, Ruth Andino and G. Corrales
- 77 The prevalence of sickle cell disease in Abu-Al-Khasib district of southern Iraq
F. M. Alkasab, F. A. Al-Alusi, M. S. Adnani, A. M. B. Alkafajei, N. H. A. Al-Shakerchi and S. F. Noori
- 81 A study on fasciolopsiasis in Bangladesh
K. M. Rahman, Md. Idris and A. K. Azad Khan
- 87 Fenitrothion (OMS 43) resistance in the taxon *Anopheles culicifacies* Giles
P. R. J. Herath, S. J. Miles and G. Davidson
- 89 Book reviews

Number 3, June 1981

- 93 Editorial
- 95 Mosquito records from the Republic of Niger, with reference to the construction of the new 'Trans-Sahara Highway'
D. M. Stafford Smith
- 101 Human excretion behaviour in a schistosomiasis endemic area of the Gezira, Sudan
A. K. Cheesmond and A. Fenwick
- 109 Enzyme-linked immunosorbent assay of venom-antibodies in human victims of snake bite
R. D. G. Theakston, R. N. H. Pugh and H. A. Reid
- 113 Prevalence of antibodies to parasitic infections in Nigerian children
V. Thomas, A. Fabiyi and A. Adeniyi
- 117 Congo/Crimean haemorrhagic fever in Iraq: a seroepidemiological survey
S. K. Al Tikriti, F. K. Hassan, I. M. Moslih, F. Jurji, M. I. A. Mahmud and H. H. Tantawi
- 121 Ultrasound and the monitoring of the medical treatment of hepatic hydatid disease
N. B. Nakhla, K. J. Rais, T. M. A. Hasafa, M. K. Mosa and H. H. Salem
- 125 The heart in enteric (typhoid) fever
S. N. Khosla
- 133 Book reviews
- 137 Letter to the Editor

Number 4, August 1981

- 139 In Memoriam
- 141 Banyusidi village water supply: a case study of project implementation and utilization in rural Indonesia
Glen Williams and Djasinur Strait

- 147 Evaluation of the ELISA test as an epidemiological tool in schistosomiasis
K. Janitschke, A. H. El-Kalouby, R. A. Braun-Munzinger, H. El-Baz and M. Mahmoud
- 155 Clinical diabetes mellitus in Pakistan
Zulfiqar Haider and Surraiya Obaidullah
- 159 Single dose regime of mebendazole in the treatment of polyparasitism in children
M. A. Muttalib, M. U. Khan and J. A. Haq
- 161 Ophthalmic needs of Nigerian factory workers
Adenike Abiose and Mark A. Otache
- 165 Evaluation of in-vitro-cultured *Plasmodium falciparum* as antigen for malaria serology
M. M. Gupta, M. J. Sebastian, Prema Bhat and H. O. Lobel
- 171 Anti-measles IgM in healthy adult Nigerians
T. O. Harry
- 175 A seroepidemiological study of measles infection in normal and handicapped persons in Lagos, Nigeria
D. A. Ogunmekan, P. Bracken and W. C. Marshall
- 179 Book reviews

Number 5, October 1981

- 185 Guest Editorial
- 189 Comparison of simple sugar/salt versus glucose/electrolyte oral rehydration solutions in infant diarrhoea
Mary Lou Clements, M. M. Levine, F. Cleaves, T. P. Hughes, M. Caceres, E. Aleman, R. E. Black and J. Rust
- 195 Proliferation of enteropathogens in oral rehydration solutions prepared with river water from Honduras and Surinam
R. E. Black, M. M. Levine, Mary Lou Clements, Polly Angle and R. Robins-Browne
- 199 Snake venom antibodies in Ecuadorian indians
R. D. G. Theakston, H. A. Reid, J. W. Larrick, J. Kaplan and J. A. Yost
- 203 The need for an integrated approach to the provision of essential health care services: a study from the Gambia
G. J. A. Walker and M. K. Cham
- 209 Notes on midgut cell nuclear coats in various tsetse species
D. S. Ellis, Christina Young, Susan Stamford and M. J. Lehane
- 215 Pinworm granuloma of cervix uteri—incidental observation following IUD use and cone biopsy
J. S. Campbell, S. Mandavia, W. Threlfall, P. McCarthy and C. N. R. Loveys
- 219 Some aspects of an epidemic of gastroenteritis in the Seychelles
C. R. Grainger
- 227 Book reviews

Number 6, December 1981

- 231 Editorial
- 233 Effects of low concentrations of pyrimethamine on human bone marrow cells *in vitro*: possible implications for malaria prophylaxis
S. N. Wickramasinghe and R. A. C. Litwinczuk
- 239 Prophylaxis of traveller's diarrhoea
R. Steffen and O. Gsell
- 243 Criteria for selection of communities in poor rural areas with high risk of low birth rate babies
J. M. Belizán, H. Delgado, V. Menjia-Pivaral and R. E. Klein
- 249 The effect of chronic chloroquine toxicity on blood pressure of rats
O. A. Sofola, I. O. Olude and Feyi Adegoke
- 253 A case of typhoid fever complicated by a severe bleeding syndrome due to deficiency of the prothrombin group of coagulin factors
H. B. W. Greig and P. D. Naidoo
- 259 Actinomycetoma in Nigeria
H. C. Gugnani, A. V. Suselan, R. M. Anikwe, F. N. Udeh and J. O. Ojukwu
- 265 The maternal and child health services in Ghana (their origins and future)
S. Ofosu-Amaah
- 271 Kala-Azar hits again
C. P. Thakur, M. Kumar and P. K. Pathak
- 277 PCIAOH Report
- 283 Author index to Volume 84

