# BULLETIN

OF

# ENTOMOLOGICAL RESEARCH.

ISSUED BY THE IMPERIAL INSTITUTE OF ENTOMOLOGY.

EDITOR: THE DIRECTOR.

VOL. 33.

### LONDON:

THE IMPERIAL INSTITUTE OF ENTOMOLOGY, 41, QUEEN'S GATE, S.W.7. 1942.

(48)

## IMPERIAL INSTITUTE OF ENTOMOLOGY.

## Executive Council.

SHAMALDHARI LALL, C.I.E., Officiating High Commissioner, Chairman, India and Burma.

J. A. CALDER, C.M.G., Vice-Chairman, Colonies, Protectorates and Mandated Territories.

Sir Donald Fergusson, K.C.B., United Kingdom.

Lieutenant-Colonel J. G. ROBERTSON, Canada.

F. L. McDougall, C.M.G., Australia.

F. J. DU TOIT, Union of South Africa.

NEVILL L. WRIGHT, F.I.C., D.I.C., New Zealand.

J. M. ADAMS, F.R.C.Sc. (I), Eire.

D. JAMES DAVIES, C.B.E., Newfoundland.

W. C. ROBERTSON, Southern Rhodesia.

Sir David Chadwick, K.C.M.G., C.S.I., C.I.E., Secretary.

#### Director and Editor.

Dr. S. A. NEAVE, C.M.G., O.B.E.

Assistant Director.

Dr. W. R. THOMPSON, F.R.S.

Head Office—British Museum (Natùral History), Cromwell Road, London, S.W.7.

Publication Office and Library-41, Queen's Gate, London, S.W.7.

Hood Cilia

# CONTENTS.

# ORIGINAL ARTICLES.

	PAGE
Bryant, G. E.  Notes on the Genus <i>Pagria</i> (Eumolpinae, Coleopt.) (illustrated)	31
Bryant, G. E.  New Species of <i>Podagrica</i> (Halticinae, Coleoptera) from Africa	229
David, W. A. L.  Simple Tests for estimating the Suitability of Mineral Oils as Mosquito Larvicides	195
DAVID, W. A. L.  The Utilisation of Waste Lubricating Oil in Mosquito Larvicides	235
EMDEN, F. I. VAN A Tachinid parasitic on Plutella maculipennis, Curt. (illustrated)	223
GILLETT, J. D.  A Larvascope for Use in Identification of living Culicine Larvae (illustrated)	27
HADDOW, A. J.  The Mosquito Fauna and Climate of native Huts at Kisumu, Kenya (illustrated)	91
HARRIS, W. V.  Notes on Culicine Mosquitos in Tanganyika Territory (illustrated)	181
HINTON, H. E.	
Notes on the Larvae of the three common injurious Species of Ephestia (Lepidoptera, Phycitidae) (illustrated)	21
Hopkins, G. H. E.	
"Mosquitoes of the Ethiopian Region."—Notes and Corrections (with an Appendix by E. C. C. van Someren) (illustrated)	177-
Jones, M. G.	
A Description of Aphis (Doralis) rumicis, L., and Comparison with Aphis (Doralis) fabae, Scop. (illustrated)	5
Jones, M. G.	
The Summer Hosts of Aphis fabae, Scop	. 161

### CONTENTS.

Leeson, H. S.  The Occurrence of Anopheles marteri in Syria	PAGE 35
LE PELLEY, R. H.  The Food and Feeding Habits of Antestia in Kenya (illustrated)	71
LE PELLEY, R. H.  A Method of sampling Thrips Populations	147
Lewis, D. J.  A Method of transporting living Mosquito Larvae (illustrated)	227
MARSHALL, Sir G. A. K.  New injurious Curculionidae (Col.) from the Sudan	. 1
Mellanby, K., Johnson, C. G., Bartley, W. C. & Brown, P.  Experiments on the Survival and Behaviour of the Itch Mite Sarcoptes scabiei DeG., var. hominis	267
Perkins, J. F.  On a new Species of <i>Ephialtes</i> (Hym., Ichneumonidae) parasitising the Codling Moth	5 . 171
RAMCHANDRA RAO, Y.  Some Results of Studies on the Desert Locust (Schistocerca gregaria Forsk.) in India	, . 241
Robinson, G. G.	
The relative Toxicity of Rotenone and Pyrethrum in Oil to the Argasid Tick, Ornithodorus moubata, Murray (illustrated)	070
Saliternik, Z.	
The macroscopic Differentiation of Anopheline Eggs according to their Pattern on the Surface of Water (illustrated)	. 221
SELLERS, W. F.  The Distribution of the European Spruce Sawfly, Diprion polytomum (Htg.) in the Scandinavian and Eastern Baltic Countrie (illustrated)	S 140
TAMS, W. H. T.	
Note on the Name of the Sugar-cane Borer of Mauritius (Lep. Pyral.)	67
Vinson, J.	
Biological Control of <i>Diatraea mauriciella</i> , Wlk., in Mauritius—I Investigations in Ceylon in 1939 (illustrated)	200
WIGGLESWORTH, V. B.  Some Notes on the Integument of Insects in Relation to the Entry of Contact Insecticides (illustrated)	005
of Contact Insecticides (illustrated)	. 200

#### CONTENTS.

## MISCELLANEOUS.

				F	AGE
Retirement of Sir Guy Marshall	•••	 	 	•••	145
Collections received		 	 69, 14	3, 219,	283

## ERRATA.

Vol. 32,	page	315,	Table I, first line of figures ( <i>Lasiosina</i> ), last column but one, for " $25(\frac{9}{16})$ " read " $35(\frac{19}{16})$ "
,,	,,	319,	Table III, second line of averages, third column of figures, for " $6$ " read " $4$ "
,,	,,	320,	line 7, for "uppermost internode" read "uppermost internode but one"
,,	,,	321,	line 24, for "304" read "2 ♀♀ and 1 ♂"
Vol. 33,	page	18,	lines 20 and 28 and page 161, 10 lines from end, for "rhoeus" and "rhoeum" read "rhoeas"
,,	,,	40,	2 lines from end and page 53, 3 lines from end, for "supressalis" read "suppressalis"
,,	,,	41,	12 lines from end, for "Badalla" read "Badulla"
,,	,,	43,	line 1, for "Peradenyia" read "Peradeniya"
,,	,,	142,	line 9, for "17" read "18"

## DATES OF PUBLICATION IN PARTS.

Part I pp. 1-70 ... 22 April 1942
Part II pp. 71-144 ... 22 June 1942
Part III pp. 145-220 ... 2 October 1942
Part IV pp. 221-284 ... 16 December 1942