

BULLETIN
OF
ENTOMOLOGICAL RESEARCH.

ISSUED BY THE IMPERIAL
INSTITUTE OF ENTOMOLOGY.

EDITOR : THE DIRECTOR.

VOL. 26.

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

(2086)

A

IMPERIAL INSTITUTE OF ENTOMOLOGY.

Executive Council.

Sir CHARLES J. HOWELL THOMAS, K.C.B., K.C.M.G., *Chairman*, United Kingdom.

NEVILL L. WRIGHT, F.I.C., *Vice-Chairman*, New Zealand.

Lieut.-Colonel GEORGE P. VANIER, D.S.O., M.C., Canada.

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

G. W. KLERCK, South Africa.

J. M. ADAMS, F.R.C.Sc. (I), Irish Free State.

Sir BHUPENDRA NATH MITRA, K.C.S.I., K.C.I.E., C.B.E., India.

B. F. WRIGHT, Southern Rhodesia.

R. V. VERNON, C.B., Colonies, Protectorates and Mandated Territories.

Sir DAVID CHADWICK, C.S.I., C.I.E., *Secretary*.

Director.

Sir GUY A. K. MARSHALL, C.M.G., F.R.S.

Assistant Director.

Dr. S. A. NEAVE, O.B.E.

Assistant Director and Superintendent of Farnham House Laboratory.

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

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

Publication Office—41, Queen's Gate, London, S.W.7.

CONTENTS.

ORIGINAL ARTICLES.

	PAGE
BARNES, H. F. Some new Coccid-eating Gall Midges (Cecidomyiidae)	525
BOX, H. E. New Records and three new Species of American <i>Diatraea</i> (Lep.: Pyral.) (<i>illustrated</i>)	323
CHINA, W. E. On the Identity of <i>Lygus simonyi</i> , Reut., and <i>Lygus vosseleri</i> , Popp., in Kenya and Uganda	427
CHINA, W. E. Hemipterous Predators of the Weevils <i>Cosmopolites</i> and <i>Odoiporus</i>	497
DAVIES, W. M. A Water-power mechanical Insect Trap (<i>illustrated</i>)	553
EDWARDS, F. W. Mosquito Notes. XII	127
EIG, A. Ecologie du Criquet marocain en Iraq (<i>illustrated</i>)	293
EVANS, A. C. Some Notes on the Biology and Physiology of the Sheep Blowfly, <i>Lucilia sericata</i> , Meig. (<i>illustrated</i>)	115
FERRIÈRE, C. The Chalcidoid Parasites of Lac Insects (<i>illustrated</i>)	391
FERRIÈRE, C. Two Chalcidoid Egg-Parasites of <i>Diprion sertifer</i> , Geoffr. (<i>illustrated</i>)	571
GOLDING, F. D. Further Notes on the Food-plants of Nigerian Insects. III ...	263
HALL, W. J. The Genus <i>Tachardina</i> (Lacciferidae, Coccidae) in Southern Africa (<i>illustrated</i>)	475
HANCOCK, G. L. R. Notes on <i>Lygus simonyi</i> , Reut. (Capsidae), a Cotton Pest in Uganda (<i>illustrated</i>)	429
HANNA, A. D. Fertility and Toleration of low Temperature in <i>Euchalcidia caryo-</i> <i>bori</i> , Hanna (Hymenoptera, Chalcidinae) (<i>illustrated</i>)	315
HODSON, W. E. H. The Lily Thrips (<i>Liothrips vaneeckei</i> , Priesner) (<i>illustrated</i>) ...	469
IYENGAR, M. O. T. Eggs of <i>Ficalbia minima</i> , Theo., and Notes on Breeding Habits of three Species of <i>Ficalbia</i> (<i>illustrated</i>)	423
JAMES, H. C. New Hypogeic Mealybugs (Coccidae) from East Africa (<i>illustrated</i>)	379
KRISHNA AYYAR, P. N. The Biology and economic Status of the common Black Ant of South India— <i>Camponotus</i> (<i>Tanaemyrmex</i>) <i>compressus</i> , Latr. (<i>illustrated</i>)	575

CONTENTS.

	PAGE
LE PELLEY, R. H. Observations on the Control of Insects by Hand-collection (<i>illustrated</i>)	533
LLOYD, H. M. Notes on the Bionomics of <i>Glossina swynnertoni</i> , Austen (<i>illustrated</i>)	439
MACGILL, E. I. On the Biology of <i>Dysdercus howardi</i> , Ballou (Hem.)	155
MAGOON, E. H. A portable Stable Trap for capturing Mosquitos (<i>illustrated</i>) ...	363
MARSHALL, Sir Guy A. K. New injurious Curculionidae (Col.) from Malaya	565
MARSHALL, J. F. & STALEY, J. Generic and subgeneric Differences in the Mouth-parts of Male Mosquitos (<i>illustrated</i>)	531
MILLER, D. & CLARK, A. F. <i>Sirex noctilio</i> (Hym.) and its Parasite in New Zealand (<i>illustrated</i>)	149
MILLER, N. C. E. An improved Air-pump for Use in the Preservation of Larvae (<i>illustrated</i>)	355
MORRIS, K. R. S. & CAMERON, E. The Biology of <i>Microplectron fuscipennis</i> , Zett. (Chalcid.), a Parasite of the Pine Sawfly (<i>Diprion sertifer</i> , Geoff.) (<i>illustrated</i>) ...	407
MYERS, J. G. Second Report on an Investigation into the Biological Control of West Indian Insect Pests (<i>illustrated</i>)	181
MYERS, J. G. The Ecological Distribution of some South American Grass and Sugar-cane Borers (<i>Diatraea</i> spp., Lep., Pyralidae) (<i>illustrated</i>)	335
NASH, T. A. M. The Effect of High Maximum Temperatures upon the Longevity of <i>Glossina submorsitans</i> , Newst., and <i>G. tachinoides</i> , Westw. (<i>illustrated</i>)	103
PILAT, M. Histological Researches into the Action of Insecticides on the Intestinal Tube of Insects (<i>illustrated</i>)	165
PILAT, M. The Effects of Intestinal Poisoning on the Blood of Locusts (<i>Locusta migratoria</i>) (<i>illustrated</i>)	283
RAMAKRISHNA AYYAR, T. V. A new Species of Thysanoptera from S. India (<i>Taeniothrips cardamomi</i> , sp. nov.) (<i>illustrated</i>)	357
RAMAKRISHNA AYYAR, T. V. & KYLASAM, M. S. A new Disease of Cardamom (<i>Elatteria cardamomi</i>) apparently due to Insect Damage in South India (<i>illustrated</i>)	359
RIVNAY, E. Ecological Studies of the Greenhouse Thrips, <i>Heliethrips haemorrhoidalis</i> , in Palestine (<i>illustrated</i>)	267
RUBTZOV, I. A. Phase Variation in non-swarming Grasshoppers (<i>illustrated</i>) ...	499

CONTENTS.

	PAGE
SIMMONS, S. W.	
The bactericidal Properties of Excretions of the Maggot of <i>Lucilia sericata</i>	559
SKOBLO, J. S.	
The Effect of intermittent Starvation upon the Development of Larvae of the Meadow Moth (<i>Loxostege sticticalis</i> , L.)	345
SWEETMAN, H. L.	
Successful Examples of biological Control of Pest Insects and Plants	373
TAYLOR, T. H. C.	
The Campaign against <i>Aspidiotus destructor</i> , Sign., in Fiji (with three sections by R. W. Paine) (<i>illustrated</i>)	1
TONNOIR, A. L.	
The Australian Species of the Genus <i>Phlebotomus</i> (<i>illustrated</i>)	137
TRÄGÅRDH, I.	
The economic Possibilities of Aeroplane Dusting against Forest Insects (<i>illustrated</i>)	487
ULLYETT, G. C.	
Notes on <i>Apanteles sesamiae</i> , Cam., a Parasite of the Maize Stalk-borer (<i>Busseola fusca</i> , Fuller) in South Africa (<i>illustrated</i>)	253
WILLIAMS, C. B. & MILNE, P. S.	
A Mechanical Insect Trap (<i>illustrated</i>)	543
WOMERSLEY, H.	
On the Name of the "Blue Oat Mite" of Australia	163

MISCELLANEOUS.

Collections received	123, 279, 419, 587
-----------------------------	--------------------

ERRATA.

-
- Page 130, 9 lines from end, for "west" read "east"
- „ 135, line 30, for "*C. quasiunivittatus*" read "*A. quasiunivittatus*"
- „ 140, line 30, for "1925" read "1923"
- „ 238, line 28, for "*Lygyrus*" read "*Ligyruus*"
- „ 326, line 3 of footnote, for "L. G. Howard" read "L. O. Howard"
- „ 333, last line, for "reared from larvae" read "reared from larvae in stalks of *Spartina brasiliensis* (J. G. Myers). Holotype ♂ and allotype ♀ from the Georgetown series."
- „ 391, 7 lines from end, for "How." read "Cam."
- „ 408, 4 lines from end, for "Ratz." read "Retz."