

Contents—continued from outside back cover]

A. A. GBOLADE and T. A. ADEBAYO	631	Fumigant effects of some volatile oils on fecundity and adult emergence of <i>Callosobruchus maculatus</i> F.
J. O. ZONGO, C. VINCENT and R. K. STEWART	637	Parasitism of sorghum shoot fly larvae, <i>Atherigona soccata</i> Rondani (Diptera: Muscidae) by <i>Neotrichoporoides nyemitawus</i> Rohwer (Hymenoptera: Eulophidae)
P. SILVIE	643	Nouvelles donnees sur <i>Mussidia nigrivenella</i> Ragonof (Lepidoptera, Pyralidae) au Togo
E. WOOD, S. A. DE LICASTRO, N. CASABÉ, J. SIVORI and E. ZERBA	651	Evaluation of the flushing out activity of pyrethroids on <i>Triatoma infestans</i>
M. TERTULIANO, S. DOSSOU-GBETE and B. LE RÛ	657	Antixenotic and antibiotic components of resistance to the cassava mealybug <i>Phenacoccus manihoti</i> (Homoptera: Pseudococcidae) in various host-plants
G. BIANCHI, B. RASOLOARISON and M. GENINI	667	Noxiousness of the African white stem borer, <i>Maliarpha separatella</i> Rag (Pyralidae: Phycitinae) in irrigated paddy fields at Lake Alaotra (Madagascar)
M. A. J. AL-IZZI, S. K. AL-MALIKY and M. Z. KHALAF	675	Effects of gamma irradiation on inherited sterility of pomegranate fruit moth, <i>Ectomyelois ceratoniae</i> Zeller
T. G. SHANOWER, F. SCHULTHESS and N. BOSQUE-PÉREZ	681	The effect of larval diet on the growth and development of <i>Sesamia calamistis</i> Hampson (Lepidoptera: Noctuidae) and <i>Eldana saccharina</i> Walker (Lepidoptera: Pyralidae)
G. N. MBATA	687	The susceptibility of varieties of bambarra groundnuts to infestation by <i>Callosobruchus subinnotatus</i> (Pic) (Coleoptera: Bruchidae) during storage
B. M. KHAEMBA and F. M. E. WANJALA	693	Some aspects of the biology of <i>Cinara cupressi</i> Buckton (Homoptera: Lachnidae) when bred under laboratory condition
L. A. D. WILLIAMS and A. MANSINGH	697	Pesticidal potentials of tropical plants—I. Insecticidal activity in leaf extracts of sixty plants
M. L. A. OWAGA, R. O. OKELO and M. F. B. CHAUDHURY	701	Diel activity pattern of the tsetse fly <i>Glossina austeni</i> Newstead (Diptera: Glossinidae) in the field and in the laboratory
A. K. SINHA, D. CHAKRABORTY and A. CHAUDHURI	707	Insulin-induced effect of diapausing pupae of tropical tasar silkworm, <i>Antheraea mylitta</i> Drury (Lepidoptera: Saturniidae)
A. W. TADROS, M. M. KINAWY and F. F. ABD-ALLAH	713	Population dynamics and host range of <i>Macrotoma palmata</i> F. (Coleoptera: Cerambycidae)
F. O. ONYANGO and J. P. R. OCHIENG ¹ -ODERO	719	Laboratory rearing of the legume pod borer, <i>Maruca testulalis</i> Geyer (Lepidoptera: Pyralidae) on a semi-synthetic diet
J. O. A. DAVIES-COLE, H. G. MORGAN, M. F. B. CHAUDHURY and G. P. KAAYA	723	Some aspects of sexual receptivity and refractory behaviour in female <i>Glossina morsitans morsitans</i> Westwood
<i>Instructions to Authors</i>	i	
<i>Author Checklist</i>	iv	

Insect Science and its Application

The International Journal of Tropical Insect Science

VOLUME 14 NUMBER 5/6

1993

CONTENTS

- Research Articles*
- | | | |
|---|-----|--|
| K. S. MOHAN and G. B. PILLAI | 551 | Biological control of <i>Oryctes rhinoceros</i> (L.) using an Indian isolate of <i>Oryctes baculovirus</i> |
| B. M. CHANDRA SHEKAR,
B. U. SINGH, K. D. REDDY
and D. D. R. REDDY | 559 | Antibiosis component of resistance in sorghum to corn plant-hopper, <i>Peregrinus maidis</i> (Ashmead) (Homoptera: Delphacidae) |
| S. FACKATH and D. KAWOL | 571 | Antifeedant and insecticidal effects of some plant extracts on the cabbage webworm, <i>Crocidolomia binotalis</i> |
| R. J. A. NJAU, F. W. MOSHA
and J. F. M. NGUMA | 575 | Field trials of pyrethroid impregnated bednets in northern Tanzania—1. Effect on malaria transmission |
| L. O. BRUN, V. GAUDICHON
and P. J. WIGLEY | 585 | An artificial diet for continuous rearing of the coffee berry borer, <i>Hypothenemus hampei</i> (Ferrari) (Coleoptera: Scolytidae) |
| A. A. ADESIYUN | 589 | Seasonal abundance and life history of the millet stem borer, <i>Coniesta ignefusalis</i> Hampson (Lepidoptera: Pyralidae) in Samaru, Nigeria |
| J. ALLOTEY and I. E. UNANAOWO | 595 | Aspects of the biology of <i>Lasioderma serricorne</i> (F.) on selected food media under tropical conditions |
| B. T. CHEMENGICH | 603 | Ecological relationships between Agromyzidae feeding on leguminous plants and species-area effects in Kenya |
| M. MANJUNATHA and PUTTASWAMY | 611 | Development of <i>Amblyseius longispinosus</i> (Acari: Phytoseiidae) as influenced by castor pollen and its interaction with <i>Oligonychus indicus</i> (Acari: Tetranychidae) |
| A. SHARABY, Z. A. SALAMA,
M. MAGD EL-DIN and F. K. EL-BAZ | 615 | Evaluation of the insecticidal properties of the green alga, <i>Scenedesmus acutus</i> against the Egyptian cotton leafworm <i>Spodoptera littoralis</i> (Boisd) |
| A. CHAUDHURI and A. K. MEDDA | 621 | Influence of thyroxine on ovarian glycogen of <i>Bombyx mori</i> L. (Race Nistari) during ontogenesis |
| S. B. YEHUDA, M. WYSOKI and D. ROSEN | 627 | Laboratory evaluation of microbial pesticides against the honeydew moth |

[continued on inside back cover

Indexed/Abstracted in
Current Contents, CABS, C. A. B. International, BIOSIS, The African
Book Publishing Record

ISSN 0191-9040
ISIADL 14(5/6) 551-728 (1993)

Typeset by ICIPE Science Press, Nairobi, Kenya
Printed by Regal Press, Nairobi, Kenya