

Insect Science and its Application

The International Journal of Tropical Insect Science

Contents—continued from outside back cover]

MATTHEW O. AKANBI	785 Observations of the biotic factors affecting the populations of <i>Epicerura pulverulenta</i> Hampson (Lepidoptera: Notodontidae)
D. A. ENOBAKHARE	791 Abundance and variation of a natural population of <i>Cerataphis palmae</i> (Ghesquierei) (= <i>Cerataphis variabilis</i> H.R.L.) (Homoptera: Pemphigidae) on <i>Raphia hookeri</i> Mann & Wendl.
D. A. ENOBAKHARE and E. O. OSISANYA	795 Studies on the biology of the palm aphid, <i>Cerataphis palmae</i> (Ghesquierei) (= <i>Cerataphis variabilis</i> Hille Ris Lambers) (Homoptera: Pemphigidae) on <i>Raphia hookeri</i> —II. Morphology of the immature stages
Y. RAHBÉ, M. J. BROCHON and P. NARDON	803 Use of a new gel in a conditioned artificial diet for rearing of the cotton leafworm, <i>Spodoptera littoralis</i> (Boisd.)
<i>Announcement</i>	i
<i>New Patents</i>	iii
<i>Editorial: Software Survey Section</i>	v
<i>Questionnaire</i>	vi

Insect Science and its Application

The International Journal of Tropical Insect Science

VOLUME 7 NUMBER 6

1986

CONTENTS

Publisher's Announcement

R. VELUSAMY and E. A. HEINRICH

MOUSTAFA S. SALEH

AHLAM A. AL FAZAIRY

S. L. OMO MALAKA and R. H. LEUTHOLD

K. THANGAVELU, A. K. BHAGOWATI
and A. K. CHAKRABORTY

MUTUKU J. MUTINGA, C. C. KAMAU
and F. M. KYAI

J. B. KADDU, M. J. MUTINGA and
M. P. NYAMORI

P. N. KRISHNA MOORTHY, G. S. PRASADA RAO
and G. C. TEWARI

B. C. NJAU, P. A. MKONYI and
K. A. M. LEKAKI

H. S. SALAMA and F. N. ZAKI

K. NATARAJAN and S. CHELLIAH

A. SÉKÉTÉLI et F. A. S. KUZOÉ

A. SÉKÉTÉLI et F. A. S. KUZOÉ

R. K. SAINI

T. I. OFUYA and A. E. AKINGBOHUNGBE

G. W. K. MENSAH

I

Mini Review Article

689 Tolerance in crop plants to insect pests

Research Articles

697 Controlled-release malathion formulations as mosquito larvicides

701 Natural microsporidian infection in laboratory colonies of *Spodoptera* spp

707 Mechanisms of recruitment for the retrieval of food in *Amithermes evuncifer* Silvestri (Isoptera: Termitidae: Termitinae)

723 Inbreeding depression of heterosis in muga silkworm, *Antheraea assama*

727 Investigations on the epidemiology of leishmaniasis in Kenya—IV. Breeding habitat of *Phlebotomus duboscqi* (Diptera: Psychodidae), a vector of *Leishmania major* in Marigat, Baringo District, Kenya

731 Leishmania in Kenyan phlebotomine sandflies—IV. Artificial feeding and attempts to infect six species of laboratory-reared sandflies with *Leishmania donovani*

737 Spatial distribution of eggs laid and pods bored by *Adisura atkinsoni* (Moore) (Noctuidae:Lepidoptera) in field bean

741 The response of trypanosome-infected water buffaloes and cattle in different areas of fly challenge to normal therapeutic doses of trypanocidal drugs

747 Effect of *Bacillus thuringiensis* Berliner on prepupal and pupal stages of *Spodoptera littoralis* (Boisd.) (Lepidoptera: Noctuidae)

751 Studies on the mechanism of resistance in sorghum accessions to the grain midge, *Contarinia sorghicola* Coquillett

757 Effet résiduel sur *Glossina palpalis palpalis* de l'alphanéthrine (pyréthrinoïde de synthèse) en concentré émulsifiable 10% appliquée par épandage au sol en zone préforestière de Côte d'Ivoire

763 Essais d'épandage au sol de trois pyréthrinoïdes de synthèse (OM 2012 p.m. 10%, OMS 2013 p.m. 5%, OMS 3004 p.m. 5%) contre *Glossina palpalis palpalis* et *Glossina tachinoides* en zone préforestière de Côte d'Ivoire

771 Antennal responses of *Glossina morsitans morsitans* to buffalo urine, a potent olfactory attractant of tsetse

777 Aspects of varietal resistance in cowpea to the black cowpea moth, *Cydia ptychora* (Meyrick) (Lepidoptera: Tortricidae)

781 Infestation potential of *Callosobruchus maculatus* (Fab.) (Coleoptera: Bruchidae) on cowpea cultivars stored under subtropical conditions

[continued on inside back cover]

Insect Sci. Applic. is Indexed/Abstracted in Current Contents, CABS, BIOSIS Database, PASCAL-CNRS Database.

ISSN 0191-9040
ISIADL 7(6) 689-808 (1986)