

E. I. NIYIBIGIRA, Z. S. ABDALLAH, W. A. OVERHOLT, V. Y. LADA and A. VAN HUIS	335	Distribution and abundance, in maize and sorghum, of lepidopteran stemborers and associated indigenous parasitoids in Zanzibar
E. NSAMI, B. PALLANGYO, V. MGOO and C. O. OMWEGA	347	Distribution and species composition of cereal stemborers in the eastern zone of Tanzania
G. EMANA, W.A. OVERHOLT and E. KAIRU	353	Distribution and species composition of stemborers and their natural enemies in maize and sorghum in Ethiopia
L. S. GOHOLE and A. J. NGI-SONG	361	The chemical ecology of host location by parasitoids of African stemborers
A. J. NGI-SONG and M. B. MOCHIAH	369	Polymorphism for <i>Wolbachia</i> infections in eastern and southern African <i>Cotesia sesamiae</i> (Cameron) (Hymenoptera: Braconidae) populations
Z. R. KHAN, J. A. PICKETT, L. WADHAMS and F. MUYEKHO	375	Habitat management strategies for the control of cereal stemborers and striga in maize in Kenya
J. VAN DEN BERG, M. REBE, J. DE BRUYN and H. VAN HAMBURG	381	Developing habitat management systems for gramineous stemborers in South Africa
J. VAN DEN BERG and A. A. EBENEBE	389	Integrated management of stemborers in Lesotho
G. ZHOU, W. A. OVERHOLT and M. B. MOCHIAH	395	Changes in the distribution of lepidopteran maize stemborers in Kenya from the 1950s to 1990s
M.J. BONHOF and W.A. OVERHOLT	403	Impact of solar radiation, rainfall and cannibalism on disappearance of maize stemborers in Kenya
S.N. MUGO, D. BERGVINSON and D. HOISINGTON	409	Options in developing stemborer-resistant maize: CIMMYT's approaches and experiences
<i>Information for Authors</i>	i–ii	
<i>Author Checklist</i>	iii	
<i>Acknowledgement of Reviewers</i>	v	
<i>Announcement</i>	vi	

Cover illustration by N. Mwanga Komeri: **Mature sorghum and adult of the spotted stemborer, *Chilo partellus*, considered to be the most important stem-boring pest of maize and sorghum in low-elevation areas of eastern and southern Africa.**

INSECT SCIENCE

AND ITS APPLICATION

The International Journal of Tropical Insect Science

Volume 21 Number 4

2001

SPECIAL ISSUE: STATUS AND ADVANCES IN BIOLOGICAL CONTROL OF CEREAL STEM BORERS IN AFRICA

CONTENTS

Preface

Review Articles

D. E. CONLONG 267 Biological control of indigenous African stem borers: What do we know?

R. KFIR 275 Prospects for biological control of *Chilo partellus* in grain crops in South Africa

Research Articles

D. CUGALA and C. O. OMWEGA 281 Cereal stem borer distribution and abundance, and introduction and establishment of *Cotesia flavipes* Cameron (Hymenoptera: Braconidae) in Mozambique

J. M. SONGA, W. A. OVERHOLT, J. M. MUEKE and R. O. OKELLO 289 Colonisation of *Cotesia flavipes* (Hymenoptera: Braconidae) in stem borers in the semi-arid Eastern Province of Kenya

M. N. SALLAM, W. A. OVERHOLT, E. KAIRU and G. ZHOU 297 Will *Cotesia flavipes* drive its African homologue, *Cotesia sesamiae*, to extinction?

D. CUGALA, W. A. OVERHOLT, L. SANTOS and D. GIGA 303 Release of *Cotesia flavipes* Cameron for biological control of cereal stem borers in two ecological zones in Mozambique

P. H. SOHATI, E. M. MUSONDA and M. MUKANGA 311 Distribution of cereal stem borers in Zambia and release of *Cotesia flavipes* Cameron, an exotic natural enemy of *Chilo partellus* (Swinhoe)

T. MATAMA-KAUMA, S. KYAMANYWA, J. A. OGWANG, C. O. OMWEGA and H. R. WILLSON 317 Cereal stem borer species complex and establishment of *Cotesia flavipes* Cameron in eastern Uganda

P. CHINWADA, C. O. OMWEGA and W. A. OVERHOLT 327 Stem borer research in Zimbabwe: Prospects for the establishment of *Cotesia flavipes* Cameron

[Continued on inside back cover]

Indexed/Abstracted in
CAB Abstracts, BIOSIS, Zoological Record, Chemical Abstracts, The African
Book Publishing Record, TROPAG & RURAL Abstracts and IBIDS database

ISSN 0191-9040
ISIADL 21(4) 267-416 (2001)



Published and printed by ICPE Science Press
P.O. Box 72913, Nairobi, Kenya
Tel: +254 (2) 861680-4; Fax: +254 (2) 860110/803360; E-mail: isa@icipe.org
Available on-line at <http://www.bioline.org.br>

