

Bulletin of *Entomological Research*

Volume 110, 2020

ISSN: 0007-4853

Publishing, Production, Marketing, and Subscription Sales Office:

Cambridge University Press
UPH
Shaftesbury Road
Cambridge CB2 8BS
UK

For Customers in North America:

Cambridge University Press
Journals Fulfillment Dept
1 Liberty Plaza, Floor 20
New York
NY 10006
USA

Bulletin of Entomological Research is an international journal published bimonthly by Cambridge University Press in February, April, June, August, October and December.

Subscription information:

The subscription rates for Volume 110, 2020 (6 issues):
Print and electronic access: £1639 (UK), (USA, Canada and Mexico US \$2788)
Electronic-only price: £1216 (UK), (USA, Canada and Mexico US \$2070)
The online edition is available at www.journals.cambridge.org/ber with free table of contents alert (upon registration).

Any **supplements** to this journal published in the course of the annual volume are normally supplied to subscribers at no extra charge.

Back Volumes are available. Please contact Cambridge University Press for further information.

Claims for non-receipt of journal issues will be considered on their merit and only if the claim is received within six months of publication. Replacement copies supplied after this date will be chargeable.

INSTRUCTIONS FOR AUTHORS

Please find these at: <https://www.cambridge.org/core/journals/bulletin-of-entomological-research/information/instructions-contributors>

US Postmasters: please send address corrections to Bulletin of Entomological Research
Cambridge University Press
1 Liberty Plaza, Floor 20
New York
NY 10006
USA

Information for Authors

Manuscripts should be submitted online at <http://www.editorialmanager.com/ber>. New users should register before submitting a manuscript. Further information about submission is available from the publisher at the given address and is printed on the inside back cover.

Offprints: The author (or main author) of an accepted paper will receive a free PDF of their paper. Paper offprints are available for a fee and should be ordered at proof stage. No page charges are levied by this journal.

Copying: This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA. Organisations in the USA who are registered with the CCC may therefore copy material (beyond the limits permitted by sections 107 and 108 of USA copyright law) subject to payment to the CCC of the per copy fee of \$16.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0007-4853/2020/\$16.00. Organisations authorised by the Copyright Licensing Agency may also copy material subject to the usual conditions. *For all other use*, permission must be sought from Cambridge or the American Branch of Cambridge University Press.

Disclaimer: The information contained herein, including any expression of opinion and any projection or forecast, has been obtained from or is based upon sources believed by us to be reliable, but is not guaranteed as to accuracy or completeness. The information is supplied without obligation and on the understanding that any person who acts upon it or otherwise changes his/her position in reliance thereon does so entirely at his/her own risk.

Cambridge University Press does not accept responsibility for any trade advertisement included in this publication.

Typeset by Nova Techset Private Limited, Chennai, India, and printed in the UK by Bell & Bain Ltd, Glasgow.

Research Papers

- Alexander Rose, Darrell W. Ross, Nathan P. Havill, Kyle Motley and Kimberly F. Wallin**
Coexistence of three specialist predators of the hemlock woolly adelgid in the Pacific Northwest USA 303
- Chen Lin, Zhou Wei, Zhou Yi, Tan Tingting, Du Huamao and Feng Lichun**
Analysis of the effects of nanosilver on bacterial community in the intestinal fluid of silkworms using high-throughput sequencing 309
- Themis Giannoulis, Anne-Marie Dutrillaux, Constantina Sarri, Zissis Mamuris and Bernard Dutrillaux**
Phylogenetic relationships between genera *Dorcadion*, *Lamia*, *Morimus*, *Herophila* and some other Lamiinae (Coleoptera: Cerambycidae) based on chromosome and CO1 gene sequence comparison 321
- W. Wongnikong, S. L. van Brunschot, J. P. Hereward, P. J. De Barro and G. H. Walter**
Testing mate recognition through reciprocal crosses of two native populations of the whitefly *Bemisia tabaci* (Gennadius) in Australia 328
- Gary S. Taylor and Francesco Martoni**
Case of mistaken identity: resolving the taxonomy between *Trioza eugeniae* Froggatt and *T. adventicia* Tuthill (Psylloidea: Triozidae) 340
- Daniela Fuentes-Rodríguez, Celeste Franceschini, Paula Gervazoni, Gabriela López, Alejandro Sosa and Raúl Kruger**
Importance of native vegetation for detection and management of rice stink bug (*Tibraca limbativentris*) 352
- A. Laura Flores-Villegas, Margarita Cabrera-Bravo, José A. De Fuentes-Vicente, J. Guillermo Jiménez-Cortés, Paz María Salazar-Schettino, Martha Irene Bucio-Torres and Alex Córdoba-Aguilar**
Coinfection by *Trypanosoma cruzi* and a fungal pathogen increases survival of Chagasic bugs: advice against a fungal control strategy 363
- John M. Kean, Sarah Mansfield, Scott Hardwick and Diane M. Barton**
A risk-based detection survey for the predatory mirid *Macrolophus pygmaeus* in New Zealand 370
- Nitika Pradhan, Rojalini Tarai and Rupenangshu K. Hazra**
Vector dynamics predicts transmission dynamics: a simple, realistic and sensible approach for measuring malaria endemicity 379
- Ming-Chung Chiu, Wen-Jer Wu and Li-Chuan Lai**
Carriers and cutters: size-dependent caste polyethism in the tropical fire ant (*Solenopsis geminata*) 388
- Péter Farkas, Zsuzsanna György, Annamária Tóth, Annamária Sojnóczki and József Fail**
A simple molecular identification method of the *Thrips tabaci* (Thysanoptera: Thripidae) cryptic species complex 397
- J. S. Rosa, L. Oliveira, R. M. O. F. Sousa, C. B. Escobar and M. Fernandes-Ferreira**
Bioactivity of some Apiaceae essential oils and their constituents against *Sitophilus zeamais* (Coleoptera: Curculionidae) 406
- Scott N. Johnson, Rhiannon C. Rowe and Casey R. Hall**
Silicon is an inducible and effective herbivore defence against *Helicoverpa punctigera* (Lepidoptera: Noctuidae) in soybean 417

Cambridge Core

For further information about this journal
please go to the journal website at:
[cambridge.org/ber](https://www.cambridge.org/ber)



MIX
Paper from
responsible sources
FSC® C007785

CAMBRIDGE
UNIVERSITY PRESS