

Biocontrol Science and Technology

CONTENTS

VOLUME 28 NUMBER 1 2018

RESEARCH ARTICLES

Sublethal effects of NeemAzal-T/S botanical insecticide on Dutch and Serbian populations of *Encarsia formosa* (Hymenoptera: Aphelinidae) TANJA DROBNJAKOVIĆ, DEJAN MARČIĆ, MIRJANA PRJIVOVIĆ, PANTELIIJA PERIĆ, SLOBODAN MILENKOVIĆ AND JELENA BOŠKOVIĆ 1

Biological and genetic characterization of a Pakistani isolate of *Spodoptera litura* nucleopolyhedrovirus GHULAM ALI, WOPKE VAN DER WERF AND JUST M. VLAK 20

(*E,E*)- α -Farnesene as a host-induced plant volatile that attracts *Apanteles taragamae* (Hymenoptera: Braconidae) to host-infested cucumber plants IHSAN NURKOMAR, PUDJIANTO, SYAFRIDA MANUWOTO, DAMAYANTI BUCHORI, SHIGERU MATSUYAMA, DEMAR TAYLOR AND YOOICHI KAINOH 34

Effect of mating combinations on the host parasitisation and sex allocation in solitary endoparasitoid, *Aenasius arizonensis* (Hymenoptera: Encyrtidae) P. S. SHERA AND PRASUN KARMAKAR 49

A novel strain of *Pseudozyma aphidis* from mulberry parasitises the conidia of mulberry powdery mildew fungus *Phyllactinia* sp. and its biocontrol effect in the fields XIAOYUAN LIU, XIN QIU, ZHENGQIAO DUAN, DONGMING PING, XINENG ZHOU, JUN YANG, WEI ZHOU AND YONGJI WAN 62

REVIEW ARTICLE

Marine microorganisms as biocontrol agents against fungal phytopathogens and mycotoxins Q. KONG 77

RESEARCH ARTICLE

Isolation, identification, and *in vitro* predatory activity of nematophagous fungus *Arthrobotrys musiformis* and its interaction with nematodes using scanning electron microscopy XIN CAO, QIANG XU, XUE-MEI WAN, XUE-CAI YANG, XIAO-YE JIA, XU-JIA XUE, JIANG-LONG DU AND KUI-ZHENG CAI 94

Corrigendum 105

RESEARCH ARTICLES

Characterisation of three Alphabaculovirus isolates from the gypsy moth, *Lymantria dispar dispar* (Lepidoptera: Erebidae), in Turkey DONUS GENCER, ZEYNEP BAYRAMOGLU, REMZIYE NALCACIOGLU, REGINA G. KLEESPIES, ZIHNI DEMIRBAG AND ISMAIL DEMIR 107

Insect-associated fungi from naturally mycosed vine mealybug *Planococcus ficus* (Signoret) (Hemiptera: Pseudococcidae) LAV SHARMA, FÁTIMA GONÇALVES, IRENE OLIVEIRA, LAURA TORRES AND GUILHERMINA MARQUES 122

Trichoderma asperelloides antagonism to nine *Sclerotinia sclerotiorum* strains and biological control of white mold disease in soybean plants CIRO H. SUMIDA, JULIANA F. S. DANIEL, ANA PAULA C. S. ARAUJOD, DOUGLAS C. PEITL, LUCAS M. ABREU, ROBERT F. H. DEKKER AND MARCELO G. CANTERI 142

Life table of *Gaeolaelaps aculeifer* (Acari: Laelapidae) feeding on larvae of *Lycoriella auripila* (Diptera: Sciaridae) with stage-specific estimates of consumption FAEZE TAVOOSI AJVAD, HOSSEIN MADADI, J. P. MICHAUD, DOOSTMORAD ZAFARI AND MOHAMMAD KHANJANI 157

Effects of host larval stage preferences and diet on life history traits of *Diadegma mollipla*, an African parasitoid of the Diamondback Moth RUDO SITHOLE, PETER CHINWADA AND BERNHARD LEO LOHR 172

SHORT COMMUNICATION

Increased neem extract content enhances drying survival of co-encapsulated *Saccharomyces cerevisiae* and decreases relative release of azadirachtin PASCAL HUMBERT, MARINA VEMMER AND ANANT V. PATEL 185

RESEARCH ARTICLE

Halophytes-associated endophytic and rhizospheric bacteria: diversity, antagonism and metabolite production FEHMIDA BIBI, GARY ALLAN STROBEL, MUHAMMAD IMRAN NASEER, MUHAMMAD YASIR, AHMED ABDULLAH KHALAF AL-GHAMDI AND ESAM IBRAHIM AZHAR 192