

## CONTENTS

### ARTICLES

- 165 Geographic variation in body and ovipositor sizes in the leaf beetle *Plateumaris constricticollis* (Coleoptera: Chrysomelidae) and its association with climatic conditions and host plants — T. SOTA, M. HAYASHI & T. YAGI
- 173 A gut-specific chitinase from the mulberry longicorn beetle, *Apriona germari* (Coleoptera: Cerambycidae): cDNA cloning, gene structure, expression and enzymatic activity — Y.M. CHOO, K.S. LEE, B.Y. KIM, D.H. KIM, H.J. YOON, H.D. SOHN & B.R. JIN
- 181 Energy budget of wood-feeding larvae of *Corymbia rubra* (Coleoptera: Cerambycidae) — A. WALCZYŃSKA
- 187 Comparative behavioral and EAG responses of female obliquebanded and redbanded leafroller moths (Lepidoptera: Tortricidae) to their sex pheromone components — A. GÖKÇE, L.L. STELINSKI, L.J. GUT & M.E. WHALON
- 195 Long range movements by individuals as a vehicle for range expansion in *Calopteryx splendens* (Odonata: Zygoptera) — L. WARD & P. MILL
- 199 Prey preference and biomass consumption of *Macrolophus pygmaeus* (Hemiptera: Miridae) fed *Myzus persicae* and *Macrosiphum euphorbiae* (Hemiptera: Aphididae) — D.P. LYKOURESSIS, D.CH. PERDIKIS & M.D. GASPARI
- 205 Influence of host plant on susceptibility of the aphid *Acyrtosiphon pisum* (Hemiptera: Aphididae) to the fungal pathogen *Pandora neoaphidis* (Zygomycetes: Entomophthorales) — C. TKACZUK, P.A. SHAH, S.J. CLARK & J.K. PELL
- 211 Pre-adult development and longevity in natural populations of *Lymantria dispar* (Lepidoptera: Lymantriidae) — J. LAZAREVIĆ, V. PERIĆ-MATARUGA & N. TUCIĆ
- 217 *Eurytoma robusta* (Hymenoptera: Eurytomidae), a local key factor in the population dynamics of *Urophora cardui* (Diptera: Tephritidae): a comparative analysis — H. ZWÖLFER, M. BÖHEIM & E. BECK
- 225 The role of fungal taxa and developmental stage of mushrooms in determining the composition of the mycophagous insect community in a Japanese forest — S. YAMASHITA & N. HIJII
- 235 Morphological separation of host adapted taxa within the *Hyalopterus pruni* complex (Hemiptera: Aphididae) — K.D. POULIOS, J.T. MARGARITPOULOS & J.A. TSITSIPIS
- 243 Environmental determination of the male morph in the ant *Cardiocondyla obscurior* (Hymenoptera: Formicidae) — Y. DU, A. SCHREMPF & J. HEINZE
- 247 The compound eye of *Orgyia antiqua* (Lepidoptera: Lymantriidae): Sexual dimorphism and light/dark adaptational changes — T.F.S. LAU & V.B. MEYER-ROCHOW
- 259 Male genital variation in a moth *Pammene luedersiana* (Lepidoptera: Tortricidae) — M. MUTANEN, S. RYTKÖNEN, J. LINDÉN & J. SINKKONEN
- 267 New significant fossil insects from the Upper Carboniferous of Ningxia in northern China (Palaeodictyoptera, Archaeorthoptera) — J. PROKOP & D. REN
- 277 Redescriptions of *Ordalonema faciepilosa*, *Peltonotellus melichari* and *P. raniformis*, with a key to Western Palearctic genera of Caliscelidae (Hemiptera: Fulgoromorpha) — W.E. HOLZINGER
- 285 Revision of the Oriental leafhopper genus *Toba* with description of a related new genus (Hemiptera: Cicadellidae: Stegelytrinae) — C. WEI, M.D. WEBB & Y. ZHANG
- 295 Morphological and molecular evidence supporting the validity of *Trialeurodes lauri* and *T. ricini* (Hemiptera: Sternorrhyncha: Aleyrodidae) — C. MALUMPHY, M.B. SUAREZ, R. GLOVER, N. BOONHAM & D.W. COLLINS
- 303 *Cleorodes* Warren, 1894 does not belong in the tribe Boarmiini (Lepidoptera: Geometridae) — J. VIIDALEPP, T. TAMMARU, N. SNÄLL, K. RUOHOMÄKI & N. WAHLBERG
- 311 Revision of the bee genus *Capicola* (Hymenoptera: Apoidea: Melittidae) distributed in the Southwest of Africa — D. MICHEZ, C. EARDLEY, M. KUHLMANN & S. PATINY

### NOTES

- 341 Period of adult activity and response to wood moisture content as major segregating factors in the coexistence of two conifer longhorn beetles, *Callidiellum rufipenne* and *Semanotus bifasciatus* (Coleoptera: Cerambycidae) — R. IWATA, T. MARO, Y. YONEZAWA, T. YAHAGI & Y. FUJIKAWA
- 347 Cicadas "dig wells" that are used by ants, wasps and beetles — K. YAMAZAKI