

RAPID COMMUNICATION

Natural enemies of the South American moth, *Tuta absoluta*, in Europe, North Africa and Middle East, and their potential use in pest control strategies

L. Zappalà · A. Biondi · A. Alma · I.J. Al-Jboory · J. Arnò · A. Bayram · A. Chailleux · A. El-Arnaouty · D. Gerling · Y. Guenaoui · L. Shaltiel-Harpaz · G. Siscaro · M. Stavrinides · L. Tavella · R. Vercher Aznar · A. Urbaneja · N. Desneux 635

ORIGINAL PAPERS

Characterization of antibiosis to the redbanded stink bug *Piezodorus guildinii* (Hemiptera: Pentatomidae) in soybean entries

J.P.G.F. Silva · E.L.L. Baldin · E.S. Souza · V.F. Canassa · A.L. Lourenção 649

Host acceptance behavior of the parasitoid *Aphelinus mali* and its aphid-host *Eriosoma lanigerum* on two Rosaceae plant species

S.A. Ortiz-Martínez · C.C. Ramírez · B. Lavandero 659

Impact of the Carpathians on the genetic structure of the spruce bark beetle *Ips typographus*

E. Krascšenitsová · M. Kozánek · J. Ferenčík · L. Roller · C. Stauffer · C. Bertheau 669

Fumigant activity of *Illicium verum* fruit extracts and their effects on the acetylcholinesterase and glutathione S-transferase activities in adult *Sitophilus zeamais*

S.-G. Li · M.-Y. Li · Y.-Z. Huang · R.-M. Hua · H.-F. Lin · Y.-J. He · L.-L. Wei · Z.-Q. Liu 677

Effects of methoxyfenozide and pyridalyl on the larval ectoparasitoid *Habrobracon hebetor*

M. Saber · Z. Abedi 685

Towards a resistance management strategy for *Helicoverpa armigera* in Bt-cotton in northwestern China: an assessment of potential refuge crops

Z.-Z. Lu · M.P. Zalucki · L.E. Perkins · D.-Y. Wang · L.-L. Wu 695

Toxicity and repellence of Taiwanese indigenous djulis, *Chenopodium formosaneum*, against *Aedes albopictus* (Diptera: Culicidae) and *Forcipomyia taiwana* (Diptera: Ceratopogonidae)

E.H. Chio · E.-C. Yang · H.-T. Huang · E.-L. Hsu · C.-R. Chen · C.-G. Huang · R.-N. Huang 705

Lavandula gibsoni and *Plectranthus mollis* essential oils: chemical analysis and insect control activities against *Aedes aegypti*, *Anopheles stephensi* and *Culex quinquefasciatus*

R.R. Kulkarni · P.V. Pawar · M.P. Joseph · A.K. Akulwad · A. Sen · S.P. Joshi 713