

IOBC/wprs Bulletin Vol. 27(9) 2004

Working Group "Integrated Protection in Stored Products". Proceedings of the Meeting at Kusadasi (Turkey), September 16-19, 2003. Edited by: Shlomo Navarro, Cornel Adler, Matthias Schöller, Mevlüt Emekçi, Ahmet Güray Ferizli, Lise Stengård Hansen. ISBN 92-9067-171-6 [xxiv + 295 pp.].

What are the implications of climate change for integrated pest management of stored grain in the UK? <i>Dean A. Cook, David M. Armitage and Ken B. Wildey</i>	1
Significance of hermetic seals, controlled ventilation, and wire-mesh screens to prevent the immigration of stored product pests <i>Cornel Adler</i>	13
Evaluation of insect contamination in food products by immunological detection of chitin <i>Jordi Riudavets, Elena García, José Aramburu</i>	17
The use of IPM for cockroach (Dictyoptera: Blattaria) control <i>Celia Mateus and António Mexia</i>	27
Action thresholds and statistical quality control to manage food industry pests <i>Václav Stejskal, Jan Hubert and Jan Lukáš</i>	41
Bruchids (Coleoptera: Bruchidae) on peas (<i>Pisum sativum</i> L.): species, geographical distribution and effect on host varieties <i>Celia Mateus, I. Duarte, M. Tavares de Sousa and António Mexia</i>	47
Survey of storage moths in "Moscatel Málaga" variety raisins <i>C. Santiago-Alvarez, E. Hernández-Bisquert, F. Jiménez-Luque, M. Gutiérrez, G. Jiménez-Luque and M. García-Molina, M.</i>	51
The response of different wheat varieties to angoumois grain moth, <i>Sitotroga cerealella</i> (Oliv.) <i>Mansoor-ul-Hasan, Waqas Wakil, Faiza Bashir, Farooq Ahmad</i>	53
Monitoring and spatial distribution of insect pests infesting a paddy rice storage facility <i>Pasquale Trematerra, Andrea Sciarretta, Maria Cristina De Paula, Sonia Maria Lazzari</i>	59
<i>Sitotroga cerealella</i> (Lepidoptera: Gelechiidae), development parameters of a strain from maize stores in West Africa <i>Lise Stengård Hansen, Henrik Skovgaard, Kerstin Hell</i>	69
Sequential sampling plans for making management decisions about <i>Lasioderma serricorne</i> (F.) in stored tobacco using pheromone traps <i>Maria Otilia Carvalho, Laura Monteiro Torres, António Mexia</i>	77
Image analysis of occupancy and contamination - Mediterranean flour moth, <i>Ephestia kuehniella</i> and parasitoid <i>Venturia canescens</i> <i>Jan Lukáš, Václav Stejskal</i>	85
Estimation of population density and spatial pattern of stored paddy rice insect species using un-baited traps <i>Maria Otilia Carvalho, António Ferreira Barbosa, Pedro Marques, Blaine Timlick, Cornel Adler, António Mexia</i>	93
Evaluation of the efficacy of different kinds of pheromone traps for the monitoring of <i>Plodia interpunctella</i> Hbn. (Lepidoptera: Pyralidae) <i>Sara Savoldelli</i>	103
<i>Piophilha casei</i> L. (Diptera: Piophilidae) monitoring in cheese ripening storehouses <i>Vasta Manuela Candida, Russo Agatino</i>	109
Comparative potential of powders and essential oils from leaves of <i>Clausena anisata</i> and <i>Eucalyptus saligna</i> to protect stored grains from attack by <i>Callosobruchus maculatus</i> and <i>C. chinensis</i> (Coleoptera, Bruchidae) <i>Tapondjou A. L*, Adler C., Djoukeng J. D., Bouda H., Reichmuth C.</i>	117
Fungistatic activity of plant extracts against stored products fungi <i>Magro, A., Rodrigues-Júnior, C., Mexia, A.</i>	127
Effect of neem oil on predatory ability of <i>Teretriusoma nigrescens</i> Lewis on <i>Prostephanus truncatus</i> (Horn) <i>Ogemah, V., Reichmuth Ch., Büttner C., Adler, C.</i>	137
The assessment of toxicity of the <i>Melia azedarach</i> seed oil against stored product insects <i>A. Saraç, F. Erler, İ. Tunç</i>	147
The discrimination ability of parasitised hosts by <i>Venturia canescens</i> (Gravenhorst) (Hymenoptera: Ichneumonidae) <i>Cem Ozkan, M. Oktay Gürkan</i>	155
Seasonal occurrence of dried fig pests and their parasitoids in a fig warehouse in Greece <i>P. A. Eliopoulos, C. G. Athanassiou</i>	161
Development time, fecundity, longevity of <i>Venturia canescens</i> (Gravenhorst) (Hymenoptera: Ichneumonidae) with <i>Ephestia kuehniella</i> Zeller (Lepidoptera: Pyralidae) as host <i>Cem Ozkan, Nilufer Gokcek And Hilal Tunca</i>	175
Effect of relative humidity on the preimaginal development of <i>Blattisocius tarsalis</i> (Acari: Ascidae) <i>Jordi Riudavets, Rosa Quero</i>	179
Occurrence of stored-product pyralid moths and their parasitoids in stored currant and in vineyards <i>C. G. Athanassiou, P. A. Eliopoulos</i>	183
Stored product psocids as one of the preys of the predatory mite <i>Cheyletus eruditus</i> (Schrank) (Acarina: Cheyletidae) <i>Zuzana Kučerová</i>	193
The influence of temperature on the sequence of biological control of stored food mites <i>Eva Žďárková, Pavel Horák</i>	199
Impact of fumigants applied to control storage pests on fruit quality of dried figs <i>U. Aksoy, B. K. Meyvacı, F. Şen, A. Altındışlı</i>	205

Control of <i>Cryptolestes pusillus</i> (Coleoptera, Cucujidae) and <i>Tribolium castaneum</i> (Coleoptera, Tenebrionidae) at high temperatures <i>Cornel Adler</i>	211
Utilization of freezing temperatures to control <i>Callosobruchus maculatus</i> Fabr. (Coleoptera, Bruchidae) <i>A.G. Ferizli, M. Emekci, S. Tutuncu, S. Navarro</i>	215
Emigration and control of nitidulid beetles from dates using heat <i>Shlomo Navarro, Simcha Finkelman Miriam Rindner, Refael Dias</i>	221
The efficacy of modified atmosphere applications against dried fruit pests in Turkey <i>Mevlüt Emekçi, A. Guray Ferizli, Sule Tütüncü, Shlomo Navarro</i>	229
The use of portable systems to control insect pests by low pressures <i>Simcha Finkelman, Shlomo Navarro, Miriam Rindner, Refael Dias, Avi Azrieli</i>	235
The lethal effects of high carbon dioxide on various life stages of <i>Ephestia cautella</i> (Wlk.) (Pyralidae: Lepidoptera) <i>Sule Tütüncü, Mevlüt Emekçi, Shlomo Navarro</i>	243
Results of a practical test with the ThermoNox® heat treatment procedure, an alternative possibility for control of stored product pests by thermal eradication <i>H. Klapal, Dr. P. Cate, F. Rappl</i>	247
Novel quarantine treatments of narcissus flies using vacuum, CO ₂ or hermetic conditions <i>Miriam Rindner, S. Finkelman, S. Navarro, R. Dias, A. Isikber, Dorit Sandlar-Ziv, Avi Azrieli</i>	253
Thermonox-heat treatments in a flour mill – model and reality <i>H. Hofmeir, C. Adler</i>	257
Efficacy of vacuum and saturated water steam on stored-product moths and beetles <i>S. Prozell, M. Schöller</i>	259
EcO ₂ B.V. – non-toxic pest control in stored products as the alternative for methyl bromide and phosphine <i>F. Bergwerff, J. Suurd, N. Vroom</i>	263
The efficacy of phosphine fumigation against dried fruit pests in Turkey <i>A.G. Ferizli, M. Emekci, S. Tütüncü, S. Navarro</i>	267
Effect of phosphine concentration and exposure period on the mortality of <i>Tribolium castaneum</i> (Hbst.) collected from Sheikhupura district, Punjab - Pakistan <i>Waqas Wakil, Mansoor-ul-Hasan, Faiza Bashir, Farooq Ahmad</i>	273
Propylene oxide: a fumigant for quarantine purposes as a potential alternative to methyl bromide <i>A. A. Isikber, S. Navarro, S. Finkelman, A. Azrieli, M. Rindner, R. Dias</i>	279
Alternative fumigants to methyl bromide, for the control of stored product insect pests <i>Eli Shaaya, Moshe Kostyukovsky</i>	285
Report about a deltamethrin-resistant strain of <i>Rhyzopertha dominica</i> (F.) (Coleoptera: Bostrychidae) in Italy <i>Massimiliano Stampini</i>	293