

Comparative temperature tolerance in stingless bee species from tropical highlands and lowlands of Mexico and implications for their conservation (Hymenoptera: Apidae: Meliponini) J.O. MACÍAS-MACÍAS, J.J.G. QUEZADA-EUÁN, F. CONTRERAS-ESCARREÑO, J.M. TAPIA-GONZALEZ, H. MOO-VALLE, R. AYALA (Mexico)	679
Is the bumblebee (<i>Bombus haemorrhoidalis</i>) the only pollinator of large cardamom in central Himalayas, India? P.A. SINU, G. KURLAKOSE, K.R. SHIVANNA (India).....	690
A scientific note on the lactic acid bacterial flora within the honeybee subspecies <i>Apis mellifera</i> (Buckfast), <i>A. m. scutellata</i> , <i>A. m. mellifera</i> , and <i>A. m. monticola</i> T.C. OLOPSSON, A. VÁSQUEZ, D. SAMMATARO, J. MACHARIA (Sweden, USA, Kenya).....	696
In vivo evaluation of antiparasitic activity of plant extracts on <i>Nosema ceranae</i> (Microsporidia) M.P. PORRINI, N.J. FERNÁNDEZ, P.M. GARRIDO, L.B. GENDE, S.K. MEDICI, M.J. EGUARAS (Argentina)	700
A scientific note on trail pheromone communication in a stingless bee, <i>Scaptotrigona pectoralis</i> (Hymenoptera, Apidae, Meliponini) S. JARAU, K. HEMMETER, I. AGUILAR, M. AYASSE (Germany, Costa Rica).....	708
Effects of constant and fluctuating temperatures on the development of the solitary bee <i>Osmia bicornis</i> (Hymenoptera: Megachilidae) S. RADMACHER, E. STROHM (Germany)	711
A more consistent method for extracting and amplifying DNA from bee wings E.M. GOULD, M.A. TAYLOR, S.J. HOLMES (New Zealand)	721
The changes of age-related molecules in the trophocytes and fat cells of queen honeybees (<i>Apis mellifera</i>) Y.-S. HSIEH, C.-Y. HSU (Taiwan).....	728
A scientific note on the ant pitfall for quantitative diagnosis of <i>Varroa destructor</i> B. DAINAT, R. KUHN, D. CHERIX, P. NEUMANN (Switzerland, South Africa)	740
Microdissection: a tool for bee chromosome studies A. FERNANDES, P.E.S. SCUDELER, D. DINIZ, F. FORESTI, L.A.O. CAMPOS, D.M. LOPES (Brazil).....	743
Ovary growth and protein levels in ovary and fat body during adult-wintering period in the red mason bee, <i>Osmia rufa</i> O. WASIELEWSKI, K. GIEJDASZ, T. WOJCIECHOWICZ, M. SKRZYPSKI (Poland)	749
Bees in the Southwest Pacific: Origins, diversity and conservation S.V.C. GROOM, MP. SCHWARZ (Australia)	759
Association of Institutes for Bee Research Report of the 58th Seminar in Berlin 28–31 March 2011.....	771
Erratum.....	797