

Heterochrony of cuticular differentiation in eusocial corbiculate bees M. ELIAS-NETO, A.L.O. NASCIMENTO, A.M. BONETTI, F.S. NASCIMENTO, S. MATEUS, C.A. GARÓFALO, M.M.G. BITONDI (Brazil).....	397
QTL-mapping of individual resistance against American foulbrood in haploid honeybee drone larvae (<i>Apis mellifera</i>) D. BEHRENS, R.F.A. MORITZ (Germany, South Africa, Romania)	409
Interaction networks in a Brazilian <i>cerrado</i> : what changes when you add palynological information to floral visitor data? M.R. VIANNA, C.F.P. DA LUZ, A. DE MATOS PEIXOTO KLEINERT (Brazil)	418
Unprecedented record of ten novel B chromosomes in the stingless bee <i>Partamona helleri</i> (Apidae, Meliponini) C.C.C. MARTINS, A.M. WALDSCHMIDT, M.A. COSTA (Brazil)	431
The pollination potential of free-foraging bumblebee (<i>Bombus</i> spp.) males (Hymenoptera: Apidae) S. WOLF, R.F.A. MORITZ (Germany, UK, South Africa).....	440
Effects of host age on susceptibility to infection and immune gene expression in honey bee queens (<i>Apis mellifera</i>) inoculated with <i>Nosema ceranae</i> V. CHAIMANEE, P. CHANTAWANNAKUL, Y. CHEN, J.D. EVANS, J.S. PETTIS (Thailand, USA).....	451
A scientific note on rapid host shift of the invasive dusky sap beetle (<i>Carpophilus lugubris</i>) in Italian beehives: new commensal or potential threat for European apiculture? P. AUDISIO, F. MARINI, E. GATTI, F. MONTARSI, F. MUTINELLI, A. CAMPANARO, A.R. CLINE (Italy, USA)	464
Density-dependent negative responses by bumblebees to bacteria isolated from flowers R.R. JUNKER, T. ROMEIKE, A. KELLER, D. LANGEN (Germany, Austria).....	467
A novel assay to evaluate olfactory modulation of honeybee aggression N.M.D. VAN DER BURG, N. LAVIDIS, C. CLAUDIANOS, J. REINHARD (Australia).....	478
The potential role of adiponectin- and resistin-like peptides in the regulation of lipid levels in the hemolymph of over-wintering adult females of <i>Osmia bicornis</i> O. WASIELEWSKI, D. SZCZEPANKIEWICZ, K. GIEJDASZ, T. WOJCIECHOWICZ, A. BEDNÁŘOVÁ, N. KRISHNAN (Poland, USA, Czech Republic)	491
The effect of proximity to a honeybee apiary on bumblebee colony fitness, development, and performance T. ELBGAMI, W.E. KUNIN, W.O.H. HUGHES, J.C. BIESMEIJER (UK, Netherlands)	504
Differences in the resource intake of two sympatric Australian stingless bee species S.D. LEONHARDT, T.A. HEARD, H. WALLACE (Germany, Australia)	514