

Apidologie

Apidologie 36 (4) 493–640

October • December 2005

ISSN 0044-8435

- Production of sexuals in the stingless bee *Trigona (Lepidotrigona) ventralis flavibasis* Cockerell (Apidae, Meliponini) in northern Vietnam
T.X. CHINH, M.J. SOMMEIJER (The Netherlands, Vietnam) 493
- Reinforcing a barrier – a specific social defense of the dwarf honeybee (*Apis florea*) released by the weaver ant (*Oecophylla smaragdina*)
O. DUANGPHAKDEE, N. KOENIGER, G. KOENIGER, S. WONGSIRI, S. DEOWANISH (Thailand, Germany) 505
- Does plastic comb foundation hinder waggle dance communication?
T.D. SEELEY, A.M. REICH, J. TAUTZ (USA, Germany) 513
- Response of the small hive beetle (*Aethina tumida*) to a blend of chemicals identified from honeybee (*Apis mellifera*) volatiles
B. TORTO, A. SUAZO, H. ALBORN, J.H. TUMLINSON, P.E.A. TEAL (USA) 523
- Expression of melittin gene in the venom gland of the Chinese honeybee, *Apis cerana cerana*
J.-H. LI, C.-X. ZHANG, Z.-h. TANG (China) 533
- Morphology of the Dufour gland within the honey bee sting gland complex
S.J. MARTIN, V. DILS, J. BILLEN (UK, Belgium) 543
- Unlike nectar foragers, honeybee drones (*Apis mellifera*) are not able to utilize starch as fuel for flight
N. HRASSNIGG, R. BRODSCHNEIDER, P.H. FLEISCHMANN, K. CRAILSHEIM (Austria) 547
- A scientific note on the aliphatic esters in queen honey bees
C.I. KEELING, K.N. SLESSOR (Canada) 559
- Discontinuous gas exchange cycles and active ventilation in pupae of the bumblebee *Bombus terrestris*
M. MÄND, A. KUUSIK, A.-J. MARTIN, I.H. WILLIAMS, A. LUIK, R. KARISE, L. METSPALU, K. HIIESAAR (Estonia, UK) 561
- Cephalic secretions of the bumblebee subgenus *Sibiricobombus* Vogt suggest *Bombus niveatus* Kriechbaumer and *Bombus vorticosus* Gerstaecker are conspecific (Hymenoptera, Apidae, *Bombus*)
P. RASMONT, M. TERZO, A.M. AYTEKIN, H. HINES, K. URBANOVA, L. CAHLIKOVA, I. VALTEROVA (Belgium, Turkey, USA, Czech Republic) 571
- Influence of Bt-transgenic pollen, Bt-toxin and protease inhibitor (SBTI) ingestion on development of the hypopharyngeal glands in honeybees
D. BABENDREIER, N.M. KALBERER, J. ROMEIS, P. FLURI, E. MULLIGAN, F. BIGLER (Switzerland, UK) 585
- Trophallactic chains in honeybees: a quantitative approach of the nectar circulation amongst workers
J. GOYRET, W.M. FARINA (Argentina) 595
- Effects of Cry1Ab protoxin, deltamethrin and imidacloprid on the foraging activity and the learning performances of the honeybee *Apis mellifera*, a comparative approach
R. RAMIREZ-ROMERO, J. CHAUFAX, M.-H. PHAM-DELÈGUE (France, Mexico) 601
- No short-term impact of honey bees on the reproductive success of an Australian native bee
D.R. PAINI, M.R. WILLIAMS, J.D. ROBERTS (Australia) 613
- Contact and oral toxicity to honey bees (*Apis mellifera*) of agents registered for use for sweet corn insect control in Ontario, Canada
J. BAILEY, C. SCOTT-DUPREE, R. HARRIS, J. TOLMAN, B. HARRIS (Canada) 623

Deutscher Imkerbund eV



Arbeitsgemeinschaft der Institute
für Bienenforschung eV

