

Recent Publications

Chen, Y. P., Smith, B., Collins, A. M., Pettis, J. S. and Feldlaufer, M. F. Detection of Deformed Wing Virus Infection in Honey Bees, *Apis mellifera* L., in the United States. American Bee Journal (in press) 2004.

Chen, Y. P., Pettis, J. S., Evans, J. D., Kramer, M., and Feldlauter, M. F. Molecular evidence for transmission of Kashmir bee virus in honey bee colonies by ectoparasitic mite, *Varroa destructor*. Apidologie (in press) 2004.

Collins, A. M. Variation in time of egg hatch by the honey bee, *Apis mellifera* (Hymenoptera: Apidae). Annals Entomol. Soc. Amer. 97(1):140-146. 2004.

Collins, A. M., Williams, V., Evans, J. D., Sperm storage and antioxidative enzyme expression in the honey bee, *Apis mellifera*. Insect Molecular Biology. 2004.

Collins, A. M. Effective viability threshold for preserved honey bee semen. Proceedings of the 30th Annual Conference IETS. Reproduction, Fertility and Development. 16:166. 2004.

Collins, A. M., Mazur, P. Chill sensitivity of honey bee, *Apis mellifera*, embryos. Cryobiology. 2004.

Evans, J.D., Lopez, D.L. (in press) Bacterial probiotics induce an immune response in honey bees, *Apis mellifera*. J. Econ. Entomology. 2004.

Evans, J.D. (in press) Transcriptional immune response by honey bee larvae during invasion by the bacterial pathogen, *Paenibacillus larvae*. J. Invert Pathol. 2004.

Evans, J.D., Shearman, D.B., Oldroyd, B.P. Molecular basis of sex determination in haplodiploids, Trends Ecol Evol, 19, 1-3. 2004.

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Pettis, J. S., Collins,A. M., Wilbanks, R., Feldlaufer, M. F. Effects of coumaphos in beeswax on queen rearing in the honey bee, *Apis mellifera* L. Apidologie. 2004.

Pettis, J. S., Kochansky, J., and Feldlaufer, M. F. Larval honey bee mortality following topical application of antibiotics and dusts. J. Economic Entomology 97: 171-176. 2004.

Pettis, J. S. A scientific note on *Varroa destructor* resistance to coumaphos in the United States. Apidologie 35: 91-92. 2004.

Pettis, J.S., Collins, A.M., Wilbanks, R. and Feldlaufer, M. F. Effects of coumaphos on queen rearing in the honey bee *Apis mellifera* L. Apidologie (in press). 2004.