

Contents Volume 206 (6) 2003

▼Inside JEB

Zebra Finch's Cheap Chirrups 933; **No Signal For Moth's Lifestyle Change** 933; **When Bugs Are Busting** 934; **Floral Reflections** 935

Review Articles

- **Morton, D. B. and Anderson, E. J.** MsGC- β 3 forms active homodimers and inactive heterodimers with NO-sensitive soluble guanylyl cyclase subunits. 937-947
- **Wiehart, U. I. M., Nicolson, S. W. and Van Kerkhove, E.** K⁺ transport in Malpighian tubules of *Tenebrio molitor* L.: a study of electrochemical gradients and basal K⁺ uptake mechanisms. 949-957
- **Wiehart, U. I. M., Klein, G., Steels, P., Nicolson, S. W. and Van Kerkhove, E.** K⁺ transport in Malpighian tubules of *Tenebrio molitor* L.: is a KATP channel involved? 959-965
- **Franz, M. and Goller, F.** Respiratory patterns and oxygen consumption in singing zebra finches. 967-978
- Serrano, L., Blanvillain, G., Soyez, D., Charmantier, G., Grousset, E., Aujoulat, F. and Spanings-Pierrot, C.** Putative involvement of crustacean hyperglycemic hormone isoforms in the neuroendocrine mediation of osmoregulation in the crayfish *Astacus leptodactylus*. 979-988
- Aguilera, P. A. and Caputi, A. A.** Electoreception in *G. carapo*: detection of changes in waveform of the electrosensory signals. 989-998
- Caputi, A. A., Aguilera, P. A. and Castelló, M. E.** Probability and amplitude of novelty responses as a function of the change in contrast of the reafferent image in *G. carapo*. 999-1010
- Brodeur, J. C., Calvo, J., Clarke, A. and Johnston, I. A.** Myogenic cell cycle duration in *Harpagifer* species with sub-Antarctic and Antarctic distributions: evidence for cold compensation. 1011-1016
- Onken, H., Tresguerres, M. and Luquet, C. M.** Active NaCl absorption across posterior gills of hyperosmoregulating *Chasmagnathus granulatus*. 1017-1023
- Helversen, D. v., Holderied, M. W. and Helversen, O. v.** Echoes of bat-pollinated bell-shaped flowers: conspicuous for nectar-feeding bats? 1025-1034
- Burrows, M. and Morris, O.** Jumping and kicking in bush crickets. 1035-1049

Stekelenburg-de Vos, S., Ursem, N. T. C., Hop, W. C. J., Vladimiroff, J. W., Gittenberger-de Groot, A. C. and Poelmann, R. E. Acutely altered hemodynamics following venous obstruction in the early chick embryo. 1051-1057

Liao, J. C., Beal, D. N., Lauder, G. V. and Triantafyllou, M. S. The Kármán gait: novel body kinematics of rainbow trout swimming in a vortex street. 1059-1073

Helge, J. W., Lundby, C., Christensen, D. L., Langfort, J., Messonnier, L., Zacho, M., Andersen, J. L. and Saltin, B. Skiing across the Greenland icecap: divergent effects on limb muscle adaptations and substrate oxidation. 1075-1083

Zeffer, A. and Lindhe Norberg, U. M. Leg morphology and locomotion in birds: requirements for force and speed during ankle flexion. 1085-1097