

Contents Volume 207 (14) 2004

▼Inside JEB

**Excavation, Amphisbaenian Style i; Glowing Attraction i;
Opsins In The Deep ii; View From An Electric
Perspective iii**

JEB Classics

Josephson, R. The neural control of behaviour in sea anemones. 2371-2372

Research Articles

► **Booth, D., Stewart, A. J. A. and Osorio, D.** Colour vision in the glow-worm *Lampyris noctiluca* (L.) (Coleoptera: Lampyridae): evidence for a green-blue chromatic mechanism. 2373-2378

► **Bowmaker, J. K. and Wagner, H.-J.** Pineal organs of deep-sea fish: photopigments and structure. 2379-2387

Schachtner, J., Trosowski, B., D'Hanis, W., Stubner, S. and Homberg, U. Development and steroid regulation of RFamide immunoreactivity in antennal-lobe neurons of the sphinx moth *Manduca sexta*. 2389-2400

Durier, V., Graham, P. and Collett, T. S. Switching destinations: memory change in wood ants. 2401-2408

Voskoboinik, A., Rinkevich, B., Weiss, A., Moiseeva, E. and Reznick, A. Z. Macrophage involvement for successful degeneration of apoptotic organs in the colonial urochordate *Botryllus schlosseri*. 2409-2416

Hallemans, A., Aerts, P., Otten, B., De Deyn, P. P. and De Clercq, D. Mechanical energy in toddler gait. A trade-off between economy and stability? 2417-2431

► **Navas, C. A., Antoniazzi, M. M., Carvalho, J. E., Chaui-Berlink, J. G., James, R. S., Jared, C., Kohlsdorf, T., Dal Pai-Silva, M. and Wilson, R. S.** Morphological and physiological specialization for digging in amphisbaenians, an ancient lineage of fossorial vertebrates. 2433-2441

► **Gómez, L., Budelli, R., Grant, K. and Caputi, A. A.** Pre-receptor profile of sensory images and primary afferent neuronal representation in the mormyrid electrosensory system. 2443-2453

Tu, M. S. and Daniel, T. L. Cardiac-like behavior of an insect flight muscle. 2455-2464

Riba-Hernández, P., Stoner, K. E. and Osorio, D. Effect of polymorphic colour vision for fruit detection in the spider monkey *Ateles geoffroyi*, and its implications for the maintenance of polymorphic colour vision in platyrhine monkeys. 2465-2470

Siddiqi, A., Cronin, T. W., Loew, E. R., Vorobyev, M. and Summers, K. Interspecific and intraspecific views of color signals in the strawberry poison frog *Dendrobates pumilio*. 2471-2485

Gatellier, L., Nagao, T. and Kanzaki, R. Serotonin modifies the sensitivity of the male silkworm to pheromone. 2487-2496

Gamperl, A. K., Faust, H. A., Dougher, B. and Rodnick, K. J. Hypoxia tolerance and preconditioning are not additive in the trout (*Oncorhynchus mykiss*) heart. 2497-2505

Mukai, S. T., Kiehn, L. and Saleuddin, A. S. M. Dopamine stimulates snail albumen gland glycoprotein secretion through the activation of a D1-like receptor. 2507-2518

Wakeling, J. M. and Rozitis, A. I. Spectral properties of myoelectric signals from different motor units in the leg extensor muscles. 2519-2528

Keller, M., Sommer, A. M., Pörtner, H. O. and Abele, D. Seasonality of energetic functioning and production of reactive oxygen species by lugworm (*Arenicola marina*) mitochondria exposed to acute temperature changes. 2529-2538