

Contents Volume 208 (20) 2005

▼Inside JEB

Follow The Waggle Dance For A Shortcut i; Buoyant Birds Benefit From Burst And Glide ii

Research Articles

Megill, W. M., Gosline, J. M. and Blake, R. W. The modulus of elasticity of fibrillin-containing elastic fibres in the mesoglea of the hydromedusa *Polyorchis penicillatus*. 3819-3834

► **Ribak, G., Weihs, D. and Arad, Z.** Submerged swimming of the great cormorant *Phalacrocorax carbo sinensis* is a variant of the burst-and-glide gait. 3835-3849

Hiroi, J., Miyazaki, H., Katoh, F., Ohtani-Kaneko, R. and Kaneko, T. Chloride turnover and ion-transporting activities of yolk-sac preparations (yolk balls) separated from Mozambique tilapia embryos and incubated in freshwater and seawater. 3851-3858

Nebel, C., Romestand, B., Nègre-Sadargues, G., Grousset, E., Aujoulat, F., Bacal, J., Bonhomme, F. and Charmantier, G. Differential freshwater adaptation in juvenile sea-bass *Dicentrarchus labrax*: involvement of gills and urinary system. 3859-3871

Wallace, B. P., Williams, C. L., Paladino, F. V., Morreale, S. J., Lindstrom, R. T. and Spotila, J. R. Bioenergetics and diving activity of internesting leatherback turtles *Dermochelys coriacea* at Parque Nacional Marino Las Baulas, Costa Rica. 3873-3884

► **De Marco, R. and Menzel, R.** Encoding spatial information in the waggle dance. 3885-3894

Baird, E., Srinivasan, M. V., Zhang, S. and Cowling, A. Visual control of flight speed in honeybees. 3895-3905

Karamanidis, K. and Arampatzis, A. Mechanical and morphological properties of different muscle–tendon units in the lower extremity and running mechanics: effect of aging and physical activity. 3907-3923

Heiling, A. M., Cheng, K., Chittka, L., Goeth, A. and Herberstein, M. E. The role of UV in crab spider signals: effects on perception by prey and predators. 3925-3931

Nieh, J. C. and Sánchez, D. Effect of food quality, distance and height on thoracic temperature in the stingless bee *Melipona panamica*. 3933-3943

Fry, S. N. and Wehner, R. Look and turn: landmark-based goal navigation in honey bees. 3945-3955

Sugino, K., Tominaga, T., Allen, R. D. and Naitoh, Y.

Electrical properties and fusion dynamics of *in vitro* membrane vesicles derived from separate parts of the contractile vacuole complex of *Paramecium multimicronucleatum*. 3957-3969

Arcà, B., Lombardo, F., Valenzuela, J. G., Francischetti, I. M. B., Marinotti, O., Coluzzi, M. and Ribeiro, J. M. C. An updated catalogue of salivary gland transcripts in the adult female mosquito, *Anopheles gambiae*. 3971-3986

Canals, M., Atala, C., Olivares, R., Guajardo, F., Figueroa, D. P., Sabat, P. and Rosenmann, M. Functional and structural optimization of the respiratory system of the bat *Tadarida brasiliensis* (Chiroptera, Molossidae): does airway geometry matter? 3987-3995

Covi, J. A., Treleaven, W. D. and Hand, S. C. V-ATPase inhibition prevents recovery from anoxia in *Artemia franciscana* embryos: quiescence signaling through dissipation of proton gradients (Erratum). 3997

Scali, C., Catteruccia, F., Li, Q. and Crisanti, A. Identification of sex-specific transcripts of the *Anopheles gambiae doublesex* gene (Erratum). 3999

► Article featured 'Inside JEB'