

Vol.30 No.5 May 2013 ISSN 0289-0003

ZOOLOGICAL SCIENCE



CONTENTS

ORIGINAL ARTICLES

Behavioral Biology

- Takuwa, H., Mori, D., Ozaki, N., Kanou, M.: Effects of the Delay and Duration of Self-generated Wind on Behavioral Compensation in Unilaterally Cercus-ablated Crickets, *Gryllus bimaculatus*. 339

Biochemistry

- Andrejko, M., Zdybicka-Barabas, A., Wawrzoszek, M., Cytryńska, M.: Diverse Susceptibility of *Galleria mellonella* Humoral Immune Response Factors to the Exoprotease Activity of Entomopathogenic and Clinical Strains of *Pseudomonas aeruginosa*. 345

Developmental Biology

- Katsumoto, S., Hatta, K., Nakagawa, M.: Brief Hypo-osmotic Shock Causes Test Cell Death, Prevents Neurula Rotation, and Disrupts Left-Right Asymmetry in *Ciona intestinalis*. 352

Diversity and Evolution

- Komaru, A., Yamada, M., Houki, S.: Relationship Between Two Androgenetic Clam Species, *Corbicula leana* and *Corbicula fluminea*, Inferred from Mitochondrial Cytochrome b and Nuclear 28S rRNA Markers. 360
- Kusuda, S., Yasukawa, Y., Shibata, H., Saito, T., Doi, O., Ohya, Y., Yoshizaki, N.: Diversity in the Matrix Structure of Eggshells in the Testudines (Reptilia). 366

Ecology

- Koizumi, I., Kanazawa, Y., Tanaka, Y.: The Fishermen Were Right: Experimental Evidence for Tributary Refuge Hypothesis During Floods. 375
- Khannoon, E. R., Lunt, D. H., Schulz, S., Hardege, J. D.: Divergence of Scent Pheromones in Allopatric Populations of *Acanthodactylus boskianus* (Squamata: Lacertidae). 380
- Naito, R., Sakai, M., Natuhara, Y., Morimoto, Y., Shibata, S.: Microhabitat Use by *Hyla japonica* and *Pelophylax porosa brevipoda* at Levees in Rice Paddy Areas of Japan. 386

Molecular Biology

- Hammond, S. A., Veldhoen, N., Kobylarz, M., Webber, N. R., Jordan, J., Rehaume, V., Boone, M. D., Helbing, C. C.: Characterization of Gene Expression Endpoints During Postembryonic Development of the Northern Green Frog (*Rana clamitans melanota*). 392

Physiology

- Jared, S. R., Rao, J. P.: Effects of Evans Blue and Amloride on Anti-Diuretic Hormone (ADH)-Induced Sodium Transport Across Frog (*Rana hexadactyla*) Skin. 402

Taxonomy

- Chiesa, S., Filonzi, L., Vaghi, M., Papa, R., Marzano, F. N.: Molecular Barcoding of an Atypical Cyprinid Population Assessed by Cytochrome b Gene Sequencing. 408
- Fujimoto, S., Miyazaki, K.: *Neostygarcus lovedeluxe* n. sp. from the Miyako Islands, Japan: The First Record of Neostygarcidae (Heterotardigrada: Arthrotardigrada) from the Pacific. 414

INDEXED IN:

**Medline (PubMed) and Index Medicus
Current Contents/LS and AB & ES,
Science Citation Index,
ISI Online Database,
CABS Database, INFOBIB**

Issued on May 1
Printed by Letterpress Co., Ltd.
Hiroshima, Japan

Continuation of the "Zoological Magazine" and
the "Annotationes Zoologicae Japonenses"