

# CONTENTS

VOLUME 212, No. 3: JUNE 2007

## RAPID COMMUNICATIONS

- Hoving, H. J. T., and V. Laptikhovsky**  
Getting under the skin: autonomous implantation of squid spermatophores ..... 177
- Vrijenhoek, Robert C., Melissa Duhaime, and William J. Jones**  
Subtype variation among bacterial endosymbionts of tubeworms (Annelida: Siboglinidae) from the Gulf of California ..... 180

## ECOLOGY AND EVOLUTION

- Mills, Susan W., Lauren S. Mullineaux, and Paul A. Tyler**  
Habitat associations in gastropod species at East Pacific Rise hydrothermal vents (9°50'N) ..... 185
- Lauzon-Guay, Jean-Sébastien, and Robert E. Scheibling**  
Importance of spatial population characteristics on the fertilization rates of sea urchins ..... 195

## NEUROBIOLOGY AND BEHAVIOR

- Mohamed, Abir Khalil, Carolyn Burr, and A. H. Jay Burr**  
Unique two-photoreceptor scanning eye of the nematode *Mermis nigrescens* ..... 206

## PHYSIOLOGY AND BIOMECHANICS

- Curtis, Daniel L., Erin K. Jensen, and Iain J. McGaw**  
Behavioral influences on the physiological responses of *Cancer gracilis*, the graceful crab, during hyposaline exposure ..... 222
- Berger, Michael S., and Richard B. Emlet**  
Heat-shock response of the upper intertidal barnacle *Balanus glandula*: thermal stress and acclimation .. 232
- Maldonado, Elisa M., and Michael I. Latz**  
Shear-stress dependence of dinoflagellate bioluminescence ..... 242

## SYMBIOSIS AND PARASITOLOGY

- Dunn, Simon R., Wendy S. Phillips, Douglas R. Green, and Virginia M. Weis**  
Knockdown of actin and caspase gene expression by RNA interference in the symbiotic anemone *Aiptasia pallida* ..... 250

## CELL BIOLOGY

- Loram, Jeannette E., Neil Boonham, Peter O'Toole, Henry G. Trapido-Rosenthal, and Angela E. Douglas**  
Molecular quantification of symbiotic dinoflagellate algae of the genus *Symbiodinium* ..... 259

\* \* \*

- Index for Volume 212** ..... 269