**BOOK REVIEWS**

- Quantification of Occupational Cancer, reviewed by D. G. Hoel; The Psychology of Music, C. L. Krumhansl; The Atlantic Barrier Reef Ecosystem at Carrie Bow Cay, Belize, I. L. W. Buss; Multiple Bonds Between Metal Atoms, M. H. Chisholm; Books Received .......................................................

**REPORTS**

- Termites: A Potentially Large Source of Atmospheric Methane, Carbon Dioxide, and Molecular Hydrogen: P. R. Zimmerman et al. .............................................................
- Tin and Methyltin Species in Seawater: Concentrations and Fluxes: J. T. Byrd and M. O. Andreae ..............................................................................................................
- Bronchial Hyperreactivity Associated with Tracheal Gangliosides: D. K. Banerjee .................................................................................................................................
- A New Subtype of Human T-Cell Leukemia Virus (HTLV-II) Associated with a T-Cell Variant of Hairy Cell Leukemia: V. S. Kalyanaraman et al. .........................
- Receptors for Maleylated Proteins Regulate Secretion of Neutral Proteases by Murine Macrophages: W. J. Johnson et al. ...........................................................................
- Coronary Vascular Reactivity After Acute Myocardial Ischemia: D. D. Ku ............................................................
- Intracellular Recordings from Cochlear Outer Hair Cells: P. Dallos, J. Santos-Sacchi, A. Flock .................................................................................................................
- Growth Hormone-Releasing Factor from a Human Pancreatic Tumor That Caused Acromegaly: R. Guillemin et al. ...............................................................
- A New Perceptual Context-Superiority Effect: Line Segments Are More Visible Against a Figure than Against a Ground: E. Wong and N. Weisstein ..................
- Tetrodotoxin Blocks the Formation of Ocular Dominance Columns in Goldfish: R. L. Meyer .....................................................................................................................

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**COVER**

Male crickets (Gryllidae: *Amphiacusta maya*) fighting. They are chirping, hitting each other, and trying to bite. A female is in the background. In this gregarious species, acoustic signals influence male mating success through intermale competition rather than through female choice. Female choice is a major component of sexual selection in solitary cricket species. See page 580. [C. R. Boake, University of Chicago, Chicago, Illinois 60637]