LETTERS

Los Alamos: No Reason to "Rail": H. M. Agnew; W. J. Broad; Cotton Dust Regulations: H. Weill; M. Sun; Cancer and Environment: J. F. Morton; Saturn's Rings: J. J. Lissauer; Cryptography Research and Security: A. M. Gleason, Polish Scientist Not Interned: S. Niewiarowski 518

ARTICLES

Fast Ion Bombardment of Ices and Its Astrophysical Implications: W. L. Brown, L. J. Lanzaletti, R. E. Johnson 525

ARTICLES

Artificial Enzymes: R. Breslow 532

Creationism in 20th-Century America: R. L. Numbers 538

NEWS AND COMMENT

Scientists Implicated in Atom Test Deception 545

Mississippi Inc., Pesticide Manufacturer 548

Sharing Credit for the Nobel 549

Briefing: IOM Votes Statement Against Nuclear War; NIOSH Backs Down on Portsmouth Study; Remembering the Bomb, 40 Years After; The End of an Accelerator Named Isabelle 550

RESEARCH NEWS

Molecular Drive: How Real, How Important? 552

Physicists Try to Find Order in Chaos 554

Two New Routes to Solar Hydrogen 557

AAAS NEWS

Capitol Conference Focuses on Technologies for Disabled People: J. Wrather; Arctic Division Meeting: G. E. Weller; Recycled Science; Daedalus Discounted for AAAS Members; Obituaries 558
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 .......................................................... 560

REPORTS
Termites: A Potentially Large Source of Atmospheric Methane, Carbon Dioxide, and Molecular Hydrogen: P. R. Zimmerman et al. .................. 563
Tin and Methyltin Species in Seawater: Concentrations and Fluxes: J. T. Byrd and M. O. Andreae ............................................. 565
Bronchial Hyperreactivity Associated with Tracheal Gangliosides: D. K. Banerjee ......................................................... 569
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. .......................... 571
Receptors for Maleylated Proteins Regulate Secretion of Neutral Proteases by Murine Macrophages: W. J. Johnson et al. .................. 574
Coronary Vascular Reactivity After Acute Myocardial Ischemia: D. D. Ku ....... 576
A Pheromone Influences Larval Development in the Nematode Caenorhabditis elegans: J. W. Golden and D. L. Riddle ....................... 578
Growth Hormone-Releasing Factor from a Human Pancreatic Tumor That Caused Acromegaly: R. Guillemin et al. ............... 585
A New Perceptual Context-Superiority Effect: Line Segments Are More Visible Against a Figure than Against a Ground: E. Wong and N. Weisstein ....... 587
Tetrodotoxin Blocks the Formation of Ocular Dominance Columns in Goldfish: R. L. Meyer ............................................................. 589

COVER
Male crickets (Gryllidae: Anphicautus 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 intrmale 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]