LETTERS
Sociobiology: The Underlying Concept: D. P. Barash; The Icarus Legend: T. F. Huff; Neuroendocrinology: Pioneering Efforts: G. W. Szilard; Unidentified Abbreviations: R. S. Cowan

EDITORIAL
Obsolete Instrumentation at Universities

ARTICLES
Microtubules in Prokaryotes: L. Margulis, L. To, D. Chase

NEWS AND COMMENT
Political Fracas over Peer Review Is Factor in Firing of NIAAA Director
Briefing: House Fiddles with the Budget While Interest Groups Burn; NASA Seeing Stars, but Not from Space Telescope; Health Institutes Get Major Boost
Nuclear Wastes: The Science of Geologic Disposal Seen as Weak
Congressional Committees Ponder Whether to Give States a Right of Veto over Radioactive Waste Repositories

RESEARCH NEWS
Seawater and the Ocean Crust: The Hot and Cold of It
Killer Bees: O Death, Where Is Thy Sting?

BOOK REVIEWS

REPORTS
High-Pressure Physics: Sustained Static Generation of 1.36 to 1.72 Megabars: H. K. Mao and P. M. Bell

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Adrenocorticotropic in Rat Brain: Immunocytochemical Localization in Cells and Axons: S. J. Watson, C. W. Richard III, J. D. Barchus


PRODUCTS AND MATERIALS

Buffer for Tissue Culture; Surface Radiation Swabs; Caesarean-Originated, Barrier-Sustained Guinea Pigs; Accelerator Monitor; Carbon Dioxide Incubator; Plan-Neofluors for Fluorescence Microscopy; Osmium Tetroxide Ampules; Literature

COVER

The wood-boring marine isopod, Limnoria tripunctata, seen emerging from a burrow, maintains a digestive tract free of microorganisms. This phenomenon occurs also in a marine amphipod and a terrestrial isopod. The distance between the eyes is 380 micrometers. Part of another burrow is at the lower right. See page 1157. [P. Boyle, Division of Applied Sciences, Harvard University, and E. Selig, Scanning Electron Microscope Laboratory, Museum of Comparative Zoology]