LETTERS

Irrked by the IRS: R. A. Day; Beryllium: Carcinogenicity Studies: J. K. Wagoner, P. F. Infante, T. Mancuso; Telecommunications Satellites and Development: B. Cowan

EDITORIAL

The Importance of Marine Affairs: D. A. Ross and E. Miles

ARTICLES

Local Moments and Localized States: P. W. Anderson

Limits to Growth in World Food Production: N. F. Jensen

The Environment Today: R. E. Train

NEWS AND COMMENT

Britain’s National Health Service: The Doctors’ Dilemmas

Briefing: Federal Court Affirms Pro-Laetrile Ruling; British Scientist Sues over Clone Book; Want the Men to Pass ERA? Grab Them by Their Genes; DuPont Finally Relinquishes Drug Institute Post

Biological Warfare Fears May Impede Last Goal of Smallpox Eradicators

Budget-Cutting Mood in Congress Begins to Hit Science

RESEARCH NEWS

Laser Annealing: Processing Semiconductors Without a Furnace

BOOK REVIEWS

Quantum Liquids and Quantum Fluids and Solids, reviewed by P. C. Hohenberg; Production Ecology of Ants and Termites, E. O. Wilson; Quantitative Methods in the Study of Animal Behavior, M. L. Reaka; Books Received

REPORTS

Obsidian Hydration Profiles Measured by Sputter-Induced Optical Emission: I. S. T. Tsong et al.

Visual Phenomena Induced by Relativistic Carbon Ions With and Without Cerenkov Radiation: P. J. McNulty, V. P. Fease, V. P. Bond

Deuterated Methane Observed on Saturn: U. Fink and H. P. Larson
Radiocarbon Dating with Electrostatic Accelerators: Dating of Milligram Samples: C. L. Bennett et al. .................................................. 345


Devonian Brachiopods from the Sillimanite Zone, Mount Moosilauke, New Hampshire: A. J. Boucot and D. Rumble, III .................................. 348

Fallopian Tube Isthmic Mucus and Ovum Transport: R. P. S. Jansen ........................................................................................................... 349

Kainic Acid Lesions of the Striatum Dissociate Amphetamine and Apomorphine Stereotypy: Similarities to Huntington's Chorea: S. T. Mason, P. R. Sanberg, H. C. Fibiger .. 351

Estrogenic Activity of the Insecticide Kepone on the Chicken Oviduct; R. D. Palmer and E. R. Mulvihill ......................................................................... 356

Brain Edema: Induction in Cortical Slices by Polyunsaturated Fatty Acids: P. H. Chan and R. A. Fishman .......................................................... 358

Chemical Evolution from Hydrogen Cyanide: Photochemical Decarboxylation of Orotic Acid and Orotate Derivatives: J. P. Ferris and P. C. Joshi ........................................................................ 361

Aggregation Effects on Oxygen Binding of Sickle Cell Hemoglobin: S. J. Gill et al. ..................................................................................... 362


Rabies: Decimation of a Wolf Pack in Arctic Alaska: R. C. Chapman .............................................................................................................. 365

Retrograde Amnesia Produced by Several Treatments: Evidence for a Common Neurobiological Mechanism: P. E. Gold and D. B. Sternberg .................................................. 367

The Compleat Angler: Aggressive Mimicry in an Antennariid Anglerfish: T. W. Pietsch and D. B. Grobecker .............................................................. 369

Marine Snow: Microplankton Habitat and Source of Small-Scale Patchiness in Pelagic Populations: M. W. Silver, A. L. Shanks, J. D. Trent .................................................................................. 371

Early Maternal Separation Increases Gastric Ulcer Risk in Rats by Producing a Latent Thermoregulatory Disturbance: S. H. Ackerman, M. A. Hofer, H. Weiner .................................................................................. 373

Prostaglandin Restoration of the Interferon Response of Hyporeactive Animals: D. A. Stringfellow ........................................................................ 376


PRODUCTS AND MATERIALS
Preparative Electrochemical Cell; Elemental X-ray Analyzer; Antimicrobial Susceptibility Tester; Portable Thermoelectric Cooler; Multichannel Recorder; Peptide and Protein Sequencer; Reagent Spray Enclosure; Low-Profile Carboy; Automated Slide Stainer; Literature .......................................................... 382

COVER
Anglerfish of the genus Antennarius, in luring posture, displays a bait that bears a remarkable resemblance to a small fish. See page 369. [D. B. Grobecker and T. W. Pietsch, California State University, Long Beach, California]