LETTERS

EDITORIAL
The Overhead Headache: H. Shull

ARTICLES
Heterogeneous Catalysis: Some Recent Developments: J. H. Sinfelt
Norepinephrine-Dopamine: Interactions and Behavior: S. M. Antelman and A. R. Caggiula
Recombinant DNA: Fact and Fiction: S. N. Cohen

NEWS AND COMMENT
Brazil’s Nuclear Program: Carter’s Nonproliferation Policy Backfires
Will Fertilizers Harm Ozone as Much as SST’s?
Science in Europe: A Brookings-Style Think Tank Is Proposed
Radioactive Wastes: Some Urgent Unfinished Business
The Radioactive Waste Inventory
Califano Praises NIH, Retains Fredrickson as Director
Ousted Seamans No Fan of Schlesinger

RESEARCH NEWS
Multiple Sclerosis: Genetic Link, Viruses Suspected
Colonizing Mars: The Age of Planetary Engineering Begins

BOOK REVIEWS
Possible Relationships between Solar Activity and Meteorological Phenomena, reviewed by J. A. Eddy; Growing Points in Ethology, H. S. Hoffman; The Later
Prehistory of Tangier, Morocco, D. Lubell; Books Received and Book Order Service.

**REPORTS**

- Anthropogenic CO Emissions: Implications for the Atmospheric CO-OH-CH₄ Cycle: N. D. Sze
- Origins of Sulfur in Coal: Importance of the Ester Sulfate Content of Peat: D. Casagrande and K. Siefert
- Chitinozoans from the Late Precambrian Chuar Group of the Grand Canyon, Arizona: B. Bloeser et al.
- Selective Display of Histamine Receptors on Lymphocytes: W. Roszkowski, M. Plaut, L. M. Lichtenstein
- Does “Blastocyst Estrogen” Initiate Implantation?: Z. Dickmann, J. S. Gupta, S. K. Dey
- Social Behavior in Hatchling Green Iguanas: Life at a Reptile Rookery: G. M. Burghardt, H. W. Greene, A. S. Rand
- Pleistocene Avifaunas and the Overkill Hypothesis: D. K. Grayson
- Behavioral Control of Workers by Queens in Primarily Eusocial Bees: M. D. Breed and G. J. Gamboa
- Acute Systemic Effects of Cocaine in Man: A Controlled Study by Intranasal and Intravenous Routes: R. B. Resnick, R. S. Kestenbaum, L. K. Schwartz
- Rod Photoreceptors Detect Rapid Flicker: J. D. Conner and D. I. A. MacLeod

**COVER**

Iguanas emerging from their nest hole in a communal nesting site on Slothia islet off Bari Colorado Island, Canal Zone, Panama. Hatchling iguanas engage in considerable social behavior and move about in small groups. Animals from different holes often synchronize nest emergence, displays, and movements. See page 689. [J. A. Carter, University of Oklahoma, Norman]