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 .......................................................... 670

REPORTS

Anthropogenic CO Emissions: Implications for the Atmospheric CO-OH-CH₄ Cycle: N. D. Sze ......................................................... 673
Origins of Sulfur in Coal: Importance of the Ester Sulfate Content of Peat: D. Casagrande and K. Siefert ........................................ 675
Chitinozoans from the Late Precambrian Chuar Group of the Grand Canyon, Arizona: B. Bloeser et al. ........................................... 676
Selective Display of Histamine Receptors on Lymphocytes: W. Roszkowski, M. Plaut, L. M. Lichtenstein ........................................... 683
Melatonin: Daily Cycle in Plasma and Cerebrospinal Fluid of Calves: L. Hedlund et al. ................................................................. 686
Does “Blastocyst Estrogen” Initiate Implantation?: Z. Dickmann, J. S. Gupta, S. K. Dey ................................................................. 687
Pleistocene Avifaunas and the Overkill Hypothesis: D. K. Grayson .............. 691
Behavioral Control of Workers by Queens in Primitively Eusocial Bees: M. D. Breed and G. J. Gamboa .................................................. 694
Acute Systemic Effects of Cocaine in Man: A Controlled Study by Intranasal and Intravenous Routes: R. B. Resnick, R. S. Kestenbaum, L. K. Schwartz .................................................. 696
Rod Photoreceptors Detect Rapid Flicker: J. D. Conner and D. I. A. MacLeod ................................................................. 698

COVER

Iguanas emerging from their nest hole in a communal nesting site on Slothia islet off Barro 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]