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
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. Siefrt ............................ 675

Chitinozoans from the Late Precambrian Chuar Group of the Grand Canyon, 
Arizona: B. Bloeser et al. ............................... 676

Cellulases Can Enhance β-Glucan Synthesis: Y.-S. Wong, G. B. Fincher, 
G. A. Maclachlan .................................... 679

Batesian Mimicry: Selective Advantage of Color Pattern: J. G. Sternburg, 
G. P. Waldbauer, M. R. Jeffords ....................... 681

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

Social Behavior in Hatchling Green Iguanas: Life at a Reptile Rookery: 
G. M. Burghardt, H. W. Greene, A. S. Rand ........... 689

Pleistocene Avifaunas and the Overkill Hypothesis: D. K. Grayson ................. 691

Regeneration of Oligodendroglia During Recovery from Demyelinating Disease: 
R. M. Herndon, D. L. Price, L. P. Weiner ................ 693

Behavioral Control of Workers by Queens in Primordially 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]