LETTERS Carbon Dioxide and Climate: S. H. Schneider, W. W. Kellogg, V. Ramanathan; C. B. Leovy; S. B. Idso; Animals in the Classroom: W. A. Moyer

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ARTICLES Anomalous Sounds from the Entry of Meteor Fireballs: C. S. L. Keay

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BOOK REVIEWS

The Engineering Drawings of Benjamin Henry Latrobe, reviewed by C. W. Condit; Microtubules, L. Wilson; The Cell Surface, M. Edidin; Experimental Determination of Stone Tool Uses, J. Kamminga; Books Received.

REPORTS

Nimbus-7 Coastal Zone Color Scanner: System Description and Initial Imagery: W. A. Hovis et al.

Phytoplankton Pigments from the Nimbus-7 Coastal Zone Color Scanner: Comparisons with Surface Measurements: H. R. Gordon et al.

Atmospheric Carbon Dioxide, the Southern Oscillation, and the Weak 1975 El Niño: R. B. Bacastow et al.

Geochronology of Wadi Tushka: Lost Tributary of the Nile: C. V. Haynes


Suppression of Prolactin Secretion in Normal Young Women by 2-Hydroxyestrone: J. Fishman and D. Talchinsky.

Erythroid Differentiation of Clonal Rauscher Erythroleukemia Cells in Response to Erythropoietin or Dimethyl Sulfoxide: A. J. Sytkowski et al.

Opioid Receptors Undergo Axonal Flow: W. S. Young, III et al.


Acoustic Responses After Total Destruction of the Cochlear Receptor: Brainstem and Auditory Cortex: Y. Cazals et al.


Abolition of Optokinetic Nystagmus in the Cat: L. R. Harris et al.


COVER

Lost City fireball, peak magnitude −12, which fell in January 1970. Fireballs brighter than this occasionally produce reports of anomalous sounds heard simultaneously with their observed passage and quite distinct from the normal sonic booms heard later. The 1978 New South Wales fireball of estimated magnitude −16 produced both types of sounds. See page 11. [NASA, Washington, D.C.]
Science 210 (4465), 6-100.

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