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Federal Funding of Basic Research: The Red Tape Mill: H. S. Gutowsky

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ELF Resurrected After Drowning by Navy

Briefing: Rostow Nominated to Head ACDA; Reagan Fills Top NASA Posts; R & D Spending: The Military's Growing Bite; Shuttle Astronauts Give Report; New AAAS Panel in National Security Field; Jury Exonerates Benedictin in Mekdec Case

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Study Says Coal Cheaper than Nuclear

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BOOK REVIEWS

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REPORTS

Calcite Dissolution: An in situ Study in the Panama Basin:
R. C. Thunell, R. S. Keir, S. Honjo

Method for Estimation of Ocean Current Velocity from Satellite Images:
E. Mollo-Christensen, P. Cornillon, A. Da S. Mascarenhas, Jr.

Carbonyl Sulfide: Potential Agent of Atmospheric Sulfur Corrosion:
T. E. Graedel, G. W. Kammlott, J. P. Franey

Miocene Stable Isotope Record: A Detailed Deep Pacific Ocean Study and Its
Paleoclimatic Implications: F. Woodruff, S. M. Savin, R. G. Douglas

Hibernation and Longevity in the Turkish Hamster Mesocricetus brandti:
P. C. Lyman et al.

Maternal Hyperoxia Greatly Reduces the Incidence of Phenytion-Induced
Cleft Lip and Palate in A/J Mice: G. Mililcovsky and M. C. Johnston

Measles Virus Nucleotide Sequences: Detection by Hybridization in situ:
A. T. Haase et al.

Oxalate Degradation by Microbes of the Large Bowel of Herbivores:
The Effect of Dietary Oxalate: M. J. Allison and H. M. Cook

Dolphin Vocalization Mechanisms: R. S. Mackay and H. M. Liaw

Metabolic Mapping of Functional Activity in Human Subjects with the

Pregnancies in Humans by Fertilization in vitro and Embryo Transfer in the
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Forebrain Connections in the Goldfish Support Telencephalic Homologies
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Right Handedness: A Consequence of Infant Supine Head Orientation
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Stress-Induced Analgesia in Humans: Endogenous Opioids and Naloxone-
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Visual and “Phonetic” Coding of Movement: Evidence from American Sign
Language: H. Poizner

Sex Differences in the Effects of Unilateral Brain Damage on Intelligence:
J. Inglis and J. S. Lawson

“Self-Awareness” in the Pigeon: R. Epstein, R. P. Lanza, B. F. Skinner

PRODUCTS AND MATERIALS

Centrifuge: Minicomputer for Research; Disk Drives; Minicomputer; Software for
Quantitative Analysis; Distributed Data Processing; Disk Cartridge;
Image Analysis; Literature

Cover

With their general interest in dolphins, the ancient Greeks realized the animals
could hear underwater and make sounds, but even Aristotle misunder-
stood their vocal capabilities. Greek coin from about 250 B.C. See page 676.
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