LETTERS
TCDD in Coal Fly Ash: W. B. Crummett; Time and Effort Reporting: Déjà Vu?: S. Lang

EDITORIAL
Metallogenesis in Latin America

ARTICLES
Einstein Session of the Pontifical Academy
Address of Carlos Chagas
Address of P. A. M. Dirac
Address of Victor F. Weisskopf
Address of Pope John Paul II

Lead in Albacore: Guide to Lead Pollution in Americans:
D. M. Settle and C. C. Patterson

Accountability: Restoring the Quality of the Partnership: A Report from the National Commission on Research

NEWS AND COMMENT
Computers and the U.S. Military Don't Mix
Briefing: Institute of Medicine Names Robbins President; DOD Says "Wet eyes" Will Stay in Denver; White House Brushes Off Report of Israeli A-Blast

Sakharov Protests Mount

EPA Sets Rules on Hazardous Wastes

Government Weakens Airport Noise Standards

Carter and the Environment

RESEARCH NEWS
Work on U.S. Oil Sands Heating Up

BOOK REVIEWS
The Evolution of Human Sexuality, reviewed by J. Shapiro; The Prehistory of Polynesia, J. Terrell; GABA, R. W. Olsen; Electronic Processes in Non-Crystalline Materials, D. J. Thouless; Books Received
Swimming Ability of Carnivorous Dinosaurs: W. P. Coombs, Jr. ........................................ 1198

Oxygen Ion-Concepting Ceramics: A New Application in High-Temperature-
High-Pressure pH Sensors: L. W. Niedrach ................................................................. 1200

Phenolic Ethers in the Organic Polymer of the Murchison Meteorite:
R. Hayatsu et al. ...................................................................................................................... 1202

Dissolution of Pyroxenes and Amphiboles During Weathering: R. A. Berner et al. .......... 1205

Laminated Diatomaceous Sediments from the Guaymas Basin Slope (Central Gulf of
California): 250,000-Year Climate Record: H. Schrader et al. ......................................... 1207

Fluorescent Light Induces Malignant Transformation in Mouse Embryo Cell
Cultures: A. R. Kennedy, M. A. Ritter, J. B. Little ............................................................ 1209

The Oaxaca, Mexico, Earthquake of 29 November 1978: A Preliminary Report
on Aftershocks: S. K. Singh et al. ....................................................................................... 1211

Artificial Sweetener Use and Bladder Cancer: A Case-Control Study:
E. L. Wynder and S. D. Stellman ......................................................................................... 1214

Detrital Nonprotein Amino Acids Are the Key to Rapid Growth of Tilapia in
Lake Valencia, Venezuela: S. H. Bowen .............................................................................. 1216

Babesia bovis: Continuous Cultivation in a Microaerophilous Stationary
Phase Culture: M. G. Levy and M. Ristic .......................................................................... 1218

Mebendazole Therapy of Parenteral Trichinellosis: R. O. McCracken and
D. D. Taylor ......................................................................................................................... 1220

Properties of a Normal Mouse Cell DNA Sequence (sarc) Homologous to the src
Sequence of Moloney Sarcoma Virus: M. Oskarsson et al. ................................................. 1222

Vomeronasal Pump: Significance for Male Hamster Sexual Behavior:
M. Meredith et al. .................................................................................................................... 1224

Differences in the Distribution of Gray and White Matter in Human Cerebral
Hemispheres: R. C. Gur et al. ............................................................................................... 1226

Gordon Research Conferences: A. M. Cruikshank ................................................................ 1229

pH Meter: Glycohemoglobin Kit; Atomic Absorption Spectrometer; Scientific
Computer; X-ray Diffractometer; Platelet Aggregation Meter; Calibration
Weights for Electronic Balances; Microprobe for Cell Disruptor; Literature .............. 1264

Scanning electron photomicrograph of a dissolution "micro-cave" in the mineral
augite. The "stalactites" (which are 2 to 5 micrometers long) are actually undissolved augite remaining be-
tween coalesced, lens-shaped etch pits. Similar etch features are characteristic of pyroxene dissolution in nature and in
the laboratory. See page 1205. [Alan S. Pooley, Peabody Museum, Yale Uni-
versity, New Haven, Connecticut]