LETTERS  Mouse Pox Threat: G. D. Wallace; Radioactive Biomedical Waste: R. E. Cunningham; Scientific Spoofs: P. Woolf 438

EDITORIAL  It Is People Who Use Energy: K. Davis 439

ARTICLES  The Great Tumaco, Colombia Earthquake of 12 December 1979: D. G. Herd et al. 441
Acid Lakes from Natural and Anthropogenic Causes: R. Patrick, V. P. Binetti, S. G. Halterman 446
The Framing of Decisions and the Psychology of Choice: A. Tversky and D. Kahneman 453

NEWS AND COMMENT  Carter Transmits an Interim Budget 459
Biomedical Budget: A Slight Boost 459
Utilities Lose Power on Wall Street 461
Briefing: Carter Team Departs with Words of Warning; By Flood, if Not by Fire, Says CEQ; EPA to Investigate Tree Smog 462
Priority War: Discord in Pursuit of Glory 465

RESEARCH NEWS  Sickle Cell (II): Many Agents Near Trials 468
Massive Neutrinos: Masters of the Universe? 470

BOOK REVIEWS  Seeds of Famine, reviewed by J. Swift; Cardiovascular Risk Factors in Children, D. R. Labarthe; Aspects of Vertebrate History, K. Padian; Ninth Texas Symposium on Relativistic Astrophysics, G. Lake; Books Received 473
Reports

Early Proterozoic Microfossils and Penecontemporaneous Quartz Cementation in the Sokoman Iron Formation, Canada: A. H. Knoll and B. Simonson ................... 478
Effects of Trace Gases and Water Vapor on the Diffusion Coefficient of Polonium-218: G. Frey, P. K. Hopke, J. J. Stukel ............ 480
Arsenic Accumulation in Great Barrier Reef Invertebrates: A. A. Benson and R. E. Summons ..................... 482
Phenytoin-Induced Teratogenesis: A Mouse Model: R. H. Finnell ....... 483
Potassium Chloride versus Voltage Clamp Contractures in Ventricular Muscle: M. Morad, S. Reeck, M. Rao ............ 485
Therapy of Mouse Lymphoma with Monoclonal Antibodies to Glycolipid: Selection of Low Antigenic Variants in vivo: W. W. Young, Jr., and S. Hakomori ........... 487
Water Intake in Hypovolemic Sheep: Effects of Crushing the Left Atrial Appendage: M. B. Zimmerman, E. H. Blaine, E. M. Stricker ............ 489
Nonenzymatic Browning in vivo: Possible Process for Aging of Long-Lived Proteins: V. M. Monnier and A. Cerami ..................... 491
Myosin Phosphorylation and the Cross-Bridge Cycle in Arterial Smooth Muscle: P. F. Dillon et al ............ 495
Chemical Defense Mechanisms on the Great Barrier Reef, Australia: G. J. Bakas ..................... 497
Extinctions and Introductions in the New Zealand Avifauna: Cause and Effect?: J. M. Diamond and C. R. Veitch ..................... 499
Suckling Infant Rats Learn a Preference for a Novel Olfactory Stimulus Paired with Milk Delivery: S. C. Brake ............. 506
Difference in Brain Densities Between Chronic Alcoholic and Normal Control Patients: C. J. Golden et al ............ 508
Competition in Desert Rodents: An Experiment with Semipermeable Exclosures: J. C. Munger and J. H. Brown .......... 510

Cover

San Juan, Colombia, a small Pacific Coast village about 100 kilometers north of the Ecuadorian border, was nearly destroyed by a magnitude 8 earthquake that struck southwest Colombia on 12 December 1979. The coastline tectonically subsided nearly 1.6 meters during the earthquake, only 15 minutes before a 2.2-meter high tsunami swept inland. The tsunami overtopped the barrier island on which the village stood. Now inundated at high tide, the village has been abandoned. See page 441. [Darrell G. Herd, U.S. Geological Survey, Menlo Park, California]