LETTERS

Academy Marijuana Report: J. Kaplan, L. Lasagna; Multiple Submission: S. Epstein, P. Nadler, J. Lunney; Missing Computers: P. Connes; Audit at the University of California: E. F. Cheit; Sources of Northeast Pollution: K. A. Rahn

EDITORIAL

Astronomy and Astrophysics in the United States

ARTICLES


Critical Care at Tianjin’s First Central Hospital and the Fourth Modernization: R. C. Fox and J. P. Swazey

Alternative Energy Futures: The Case for Electricity: U. Colombo

NEWS AND COMMENT

A $20-Million Test of Cooperation

A Turnabout on EPA Lead Rules

Briefing: Breeder Wins Exemption from Licensing Procedures; Stanford Patent Delayed; Mathematical Magic; Genex to Go Public

Love Canal Study Attracts Criticism

Reagan Alters Makeup of Ethics Panel

RESEARCH NEWS

Darwin Died at a Most Propitious Time

“Wolf and Lamb” Chemistry

Polymer Briefing: Stereoselective Synthesis of Amino Acids; Novel Materials from Telechelic Prepolymers; New Polymers by Blending; Biomimetic Phosphorus Condensing Agents

CERN Gives Nod to Four LEP Detectors
BOOK REVIEWS
A Century of Chemical Engineering, reviewed by J. J. Beer; The Oceanic Lithosphere, G. R. Heath; Fossil and Recent Ostracods, L. S. Kornicker; Experiences in Biochemical Perception, J. D. Lipscomb; Books Received.... 723

REPORTS
Diving Depths and Energy Requirements of King Penguins: G. L. Kooyman et al. 726
Hypotensive Effect of Fasting: Possible Involvement of the Sympathetic Nervous System and Endogenous Opiates: D. Einhorn, J. B. Young, L. Landsberg.... 727
Events in the Evolution of Pre-Proinsulin: R. J. Douthart and F. H. Norris ...... 729
Neurotoxin-Specific Immunoglobulins Accelerate Dissociation of the Neurotoxin–Acetylcholine Receptor Complex: J.-C. Boulain and A. Menez .......... 732
Psoralen Phototoxicity: Correlation with Serum and Epidermal 8-Methoxypsoralen and 5-Methoxypsoralen in the Guinea Pig: A. Kornhauser, W. G. Wamer, A. L. Giles, Jr. ........................................ 733
Mucus Secretion-Stimulating Activity in Human Lymphoblastoid Cells: H. Kulemann-Kloene, S. S. Krag, F. B. Bang ......... 736
Transformation of Human Leukocytes by Cocultivation with an Adult T Cell Leukemia Virus Producer Cell Line: N. Yamamoto et al. ............ 737+
Substance P: A Putative Sensory Transmitter in Mammalian Autonomic Ganglia: Z.-G. Jiang, N. J. Dun, A. G. Karczmar .............. 739
Mice Regrow the Tips of Their Foretoes: R. B. Borgens ......... 747
Marmosets (Saguinus fuscicollis): Are Learning Sets Learned?: E. W. Menzel, Jr., and C. Juno ................. 750
Long-Term Consistency of Dominance Relations Among Female Baboons (Papio cynocephalus): G. Hausfater, J. Altman, S. Altman .......... 752

COVER
King penguins (Aptenodytes patagonica) are the second largest penguin. Adults weigh about 15 kilograms. It requires about 12 months to fledge one chick, during which time the adult must make frequent trips to sea to forage. See page 726. [Gerald K. Kooyman, Scripps Institution of Oceanography, La Jolla, California 92039]