LETTERS
Love Canal and Legal Precedent: D. A. Bronstein; Geological Research: P. M. Kier; Digital Readouts on Television Pictures: D. J. Aneshansley and T. Eisner

EDITORIAL
Science and Engineering: L. Young

ARTICLES
Origin and Mechanism of Large-Scale Climatic Oscillations: V. Ya. Sergin
Early Two-Dimensional Reconstruction and Recent Topics Stemming from It: A. M. Cormack
The Cayo Santiago Primate Colony: W. F. Windle

NEWS AND COMMENT
University and Drug Firm Battle Over Billion-Dollar Gene
UCSD Gene Splicing Incident Ends Unresolved
Navy Considers Scuttling Old Nuclear Subs
Scientists, Congress in NIH Battle
NSF Under Challenge from Congress, Engineers
Briefing: FDA Caffeine Decision Too Early, Some Say; Sawhill Is Named Synfuels Chief
Death at Sverdlovsk: A Critical Diagnosis

RESEARCH NEWS
Testing for Primes Gets Easier
Plug Pulled on Chemistry Computer Center
An “NRCC” for Industrial Chemists?

BOOK REVIEWS
Polyplody, reviewed by L. D. Gottlieb; Plant Membrane Transport, D. H. Jennings; The Ecology of Vision, S. S. Easter, Jr.; Progress in Social Psychology, E. Borgida; Books Received

REPORTS
Carbonyls: Carriers of Primordial Noble Gases in Meteorites: A. G. Whitwhacker et al.
PRODUCTS AND MATERIALS

Bioluminescence Kits; Image Analyzer; Temperature Controller; Isoelectric Focusing Calibration Kits; Spark Chamber Detector; Amperometric Chromatography Detector; Microsyringe; Literature

COVER

Leech embryo showing part of the future nervous system as a band of small, red-fluorescing cells bordering the ventral midline. An N teloblast was injected with rhodamine-labeled dodecapeptide at stage 6a. After subsequent development to mid-stage 8 the embryo was fixed and stained with Hoechst 33258. Nuclei appear as blue-fluorescing dots; only the injected cell (center) and its clonal descendants fluoresce red (about × 610). See page 1538. [Saul J. Zuckerman, Molecular Biology, University of California, Berkeley]