LETTERS

EDITORIAL

ARTICLES
A Terminal Mesozoic "Greenhouse": Lessons from the Past: D. M. McLean
Higher Order Structure of Simian Virus 40 Chromatin: U. Müller et al.
Research Instrument Sharing: C. L. Coulter.

NEWS AND COMMENT
Peter Bourne's Mistake: A Prescription for Trouble
American-Soviet Relations: The Canceled Computer
Briefing: Post-Apollo Astronauts Train for Shuttle; Detour on the Road to Brave New World; NRC Study Tracks Trends in Doctorates
Endangered Species Act Survives Senate Hunters
Efforts to Stop Paraquat Set Back

RESEARCH NEWS
Ultrahigh Pressure: New Highs Spur Pursuit of Exotic Goals
Holographic Filing: An Industry on the Verge of Birth

AAAS NEWS
Math Called Key to Indian Self-Determination: R. Green; Call for Nominations: 1979 General Election; Science Education for Handicapped Theme of Conference: C. A. Davis; Change in Section H Election Slate; For the Library; 1977 AAAS Summary Financial Statements

ANNUAL MEETING
Call for Contributed Papers
BOOK REVIEWS

The Essential Tension, reviewed by R. S. Westman; Environmental Aerodynamics, H. A. Panofsky; Endopolyploidy and Polyteny in Differentiation and Evolution, B. B. Spear; Books Received

REPORTS

Velocity Anomalies in Dilatant Rock: C. H. Scholz
Flowering Induced on Young Loblolly Pine Grafts by Out-of-Phase Dormancy: M. S. Greenwood
Light-Stimulated Morphogenesis in the Fruiting Myxobacterium Stigmatella aurantiaca: G. T. Qualls, K. Stephens, D. White
Mutant Strains of Rhizobium japonicum with Increased Ability to Fix Nitrogen for Soybean: R. J. Maier and W. J. Brill
Abnormal Auditory Evoked Potentials in Early Infancy Malnutrition: A. B. Barnet et al.
Proteins in a Nonvenomous Defensive Secretion: Biosynthetic Significance: J. R. Aldrich et al.
 Biosynthesis and Accumulation of Formic Acid in the Poison Gland of the Carpenter Ant Camponotus pennsylvanicus: A. Hefetz and M. S. Blum
Adherence of Group A Streptococci to Pharyngeal Cells: A Role in the Pathogenesis of Rheumatic Fever: D. S. Selinger et al.
Genomic Masking of Nondefective Recombinant Murine Leukemia Virus in Moloney Virus Stocks: P. J. Fischinger, C. S. Blevis, N. M. Dunlop
Suid Evolution and Correlation of African Hominid Localities: An Alternative Taxonomy: H. B. S. Cooke
Enkephalin-Like Material Elevated in Ventricular Cerebrospinal Fluid of Pain Patients After Analgesic Focal Stimulation: H. Akil et al.
Central Nervous System Dysfunction Due to Lead Exposure: J. A. Valcuukas et al.

COVER

Spinal cord cells grown in dissociated cell culture. The yellow fluorescence throughout the central nerve cell represents endogenous neuronal reactivity to antiserum against enkephalin antibody. The intimate apposition of the "opiate peptide" containing neuronal processes and nonreactive cells suggests the possibility of peptide-mediated communication. See page 467. [Joseph Neale et al., Georgetown University, Washington, D.C.]