LETTERS

EDITORIAL
Humane Technology: A. Etzioni

ARTICLES
Contacts with Earth Scientists in the People's Republic of China: E. C. T. Chao
Darwin and Evolutionary Psychology: M. T. Ghiselin
The Discovery of America: P. S. Martin
Request for Proposals and Universities: J. D. McCrone and M. E. Hoppin

NEWS AND COMMENT
Alaskan Oil: Court Ruling Revives Canada Pipeline Issue
SIPA Takes Over as Publisher of Environment Magazine
Altered States of Consciousness: Mind Researchers Meet to Discuss Exploration and Mapping of "Inner Space"
European Space Program: "It's Half-Speed Ahead"

RESEARCH NEWS
X-ray Astronomy (II): A New Breed of Pulsars?

BOOK REVIEWS
Science and Philosophy in the Soviet Union, reviewed by B. S. Almgren; The Structure of Human Populations, W. S. Pollitzer; Study Week on Nuclei of Galaxies and External Galaxies and Quasi-Stellar Objects, G. B. Feld; Crystal Chemical Classification of Minerals, C. Frondel; Rutherford, J. B. Spencer; Books Received; New Journals
REPORTS

Venus: New Microwave Measurements Show No Atmospheric Water Vapor:
M. A. Janssen et al. ........................................ 994

Polar Wandering on Mars?: B. C. Murray and M. C. Malin ............... 997

Conversion of Thyroxine to Triiodothyronine by Cultured Human Cells:
K. Sterling, M. A. Brenner, V. F. Saldanha .......................... 1000

Central Norepinephrine Metabolism in Affective Illness: MHPG in the Cerebrospinal
Fluid: R. M. Post et al. ........................................ 1002

Hormonal Regulation of Growth in Unfertilized Cotton Ovules: C. A. Beasley ..... 1003

Androgen-Concentrating Cells in the Midbrain of a Songbird: R. E. Zigmond,
F. Nottebohm, D. W. Pfaff ..................................... 1005

Trilobite Eyes: Calcified Lenses in vivo: K. M. Towe ........................ 1007

Activation of Lordotic Responding in Female Rats by Suppression of Serotonergic
Activity: F. P. Zemlan et al. ...................................... 1010

Opiate Receptor: Demonstration in Nervous Tissue: C. B. Pert and S. H. Snyder .. 1011

Genetic Mechanisms Determining the Central Visual Pathways of Mice:
R. W. Guillery et al. ............................................... 1014

Swallowing in Fetal Sheep: R. M. Bradley and C. M. Mistretta ............ 1016

Maternal Behavior in the Rat: Facilitation through Gonadectomy:
M. Leon, M. Numan, H. Moltz ...................................... 1018

Technical Comments: Transformation of Cell Cultures Derived from
Human Brains: M. Katz, H. Koprowski, P. S. Moorhead; J. J. Hooks,
C. J. Gibbs, Jr., D. C. Gajdusek .................................. 1019

ASSOCIATION AFFAIRS

The Sun and Its Resources: A. E. Maxwell; Hurricanes: L. J. Battan; Environmental
Health in the Americas: A. Bouhyus ................................ 1021

MEETINGS

Gordon Research Conferences: A. M. Cruickshank .......................... 1023

COVER

Old world cave drawings of mammoths. See page 969.