LETTERS
Demographic Data on the Elderly: G. C. Myers; Freedom of Information and NSF: F. J. Munger

EDITORIAL
Scientists' Meetings: Collegial versus Positional: A. Etzioni

ARTICLES
Precambrian Geologic History: R. B. Hargraves
Trophic Regulation of Nerve Sprouting: J. Diamond et al.
Background for the Spheroidal Nuclear Model Proposal: J. Rainwater

NEWS AND COMMENT
Federal Vaccine Agency: Critic Fired After Bitter Conflict
Venoms: Extracting Healing from the Serpent's Tooth
Nuclear Exports and Proliferation: The French Think They Have a Case
Hospices: For the Dying, Relief from Pain and Fear

RESEARCH NEWS
Jumping Genes: A Common Occurrence in Cells

BOOK REVIEWS
The Cradle of the East, reviewed by R. Pearson; Fiddler Crabs of the World, B. Hazlett; Dynamical Properties of Solids, L. M. Falicov; Persons at High Risk of Cancer, C. White; Books Received