Lunar Studies: P. J. Coleman, Jr., et al.; Soviet Anti-Semitism; Reply by Pontryagin: L. S. Pontryagin; Academic Ties with the Middle East; V. Gregorian; Nutrition Program: N. Kretchmer and D. M. Hegsted; Interferon: J. Vilček

Editorial: Education for the 21st Century

Articles: The Colorado Plateaus: Cultural Dynamics and Paleoenvironment: R. C. Euler et al.

Economic Benefits from Research: An Example from Agriculture: R. E. Evenson, P. E. Waggoner, V. W. Ruttan

News and Comment: Agricultural Network Fights Unwelcome Gift

"Truth-in-Testing" Attracts Diverse Support

Briefing: Scientific American To Be Published in China; Surgeon General Says Get Healthy, Eat Less Meat; Pop Nutrition Books Face Legal Hurdles; Dollar-a-Gallon Gas Fuels Metric Conversion

Test Coaching Dispute Lingers

Research News: How Is New Ocean Crust Formed?

Book Reviews: The Eighth Day of Creation, reviewed by E. J. Yoxen; The SALT Experience and Arms Control and SALT II, G. H. Quester; The Outer Shores, M. T. Ghiselin; The Nutrition of Aborigines in Relation to the Ecosystem of Central Australia, N. Howell; Fundamental Problems in Statistical Mechanics IV, R. F. Fox; Books Received

Reports: Nitrous Oxide Emissions from an Irrigated Cornfield: G. L. Hutchinson and A. R. Mosier
Carbon-13 in Tree Rings Indicates No Record of Sea-Surface Temperature:
F. MacIntyre .......................................................... 1127
The Viscous Sublayer at the Sea Floor: D. R. Caldwell and T. M. Chriss ............... 1131
Gravitational Lens of the Sun: Its Potential for Observations and Communications over Interstellar Distances: V. R. Eshleman .......................................................... 1133
Enhanced 5-Fluorouracil Nucleotide Formation After Methotrexate Administration: Explanation for Drug Synergism: E. Cadman, R. Heimer, L. Davis .................. 1135
Molecular Cloning of Polyoma Virus DNA in Escherichia coli: Oncogenicity Testing in Hamsters: M. A. Israel et al ......................................................... 1140
Sporozoite-Induced Malaria: Therapeutic Effects of Glycolipids in Liposomes:
C. R. Alving et al ..................................................... 1142
Determination of the Pore Size of Cell Walls of Living Plant Cells: N. Carpita et al. 1144

[PH] GABA Binding in Brains from Huntington’s Chorea Patients: Altered Regulation by Phospholipids?: K. G. Lloyd and L. Davidson ......................................... 1147
Vibrations: Their Signal Function for a Spider Kleptoparasite: F. Vollrath ................. 1149
Pharmacologic Effects in Man of a Potent, Long-Acting Dopamine Receptor Agonist: L. Lemberger and R. E. Crabtree ...................................................... 1151
Genetic Variance in Nonverbal Intelligence: Data from the Kinships of Identical Twins: R. J. Rose et al ................................................................. 1153
The Cheetah: Native American: D. B. Adams ...................................................... 1155
Regrowth of Severed Axons in the Neonatal Central Nervous System: Establishment of Normal Connections: K. Kalil and T. Reh ........................................ 1158
High-Speed Cinematographic Evidence for Ultrafast Feeding in Antennariid Anglerfishes: D. B. Grobecker and T. W. Pietsch ............................................. 1161
Plasma 𝛽-Endorphin Immunoreactivity in Schizophrenia: M. Ross, P. A. Berger,
A. Goldstein .......................................................... 1163

PRODUCTS AND MATERIALS
Growth Factor; Water Purification; Sampler for Respiratory and Metabolic Studies; Spectrophotometer; Total Exhaust Hood; Satellite-Controlled Clock; Fraction Collector; Literature .............................................. 1166

COVER
North American Pleistocene cheetah Acinonyx trumani. Reconstruction based on the living cheetah, Acinonyx jubatus, and skeletons of A. trumani from Natural Trap Cave, Wyoming. See page 1155. [Drawing by Dawn A. Adams]