LETTERS

EDITORIAL
Sex and Mathematics: A. T. Schafer and M. W. Gray  231

ARTICLES
Quaternary Climates and Sea Levels of the U.S. Atlantic Coastal Plain: T. M. Cronin et al.  233
Telecommunications in Alaskan Villages: A. Hills and G. Morgan  241
Science and Technology in the White House, 1977 to 1980, Part 2: F. Press  249

NEWS AND COMMENT
Air Force Challenged on Sickle Trait Policy  257
Overblown Reports Distort Obesity Risks  258
Will U.S. Skip Neutron Scattering Derby?  259
Briefing: Most Additives Are Harmless; Revlon Funds Animal Test Research; Too Much Congressional Direction?; Pope John Paul Meets the Scientists  260
Genentech: Is Its Glamor Gone?  262
New Niche for Science on Reference Shelf  263

RESEARCH NEWS
A New Understanding of Sickle Cell Emerges  265
Who Will Build the Next Supercomputer? ........................................ 268

BOOK REVIEWS

The Origin, reviewed by S. J. Gould; Stephen Hales, R. W. Home; The Lattice Dynamics and Statics of Alkali Halide Crystals, H. Bils; Oort and the Universe, S. Chandrasekhar; Environmental Chemistry of the Elements, J. C. G. Walker; Books Received ......................... 270

REPORTS

Simulated Wind Pollination and Airflow Around Ovules of Some Early Seed Plants: K. J. Niklas .................................................. 275
Diatoms as Hydrographic Tracers: Example from Bering Sea Sediments: C. Sancetta .............................................................. 279
A Three-Band Hand-Held Radiometer for Field Use: C. J. Tucker et al. ................................................................. 281
Decipherment of the Earliest Tablets: D. Schmandt-Besserat .................. 283
Cross-Linked Fibrinogen Dimers Demonstrate a Feature of the Molecular Packing in Fibrin Fibers: W. E. Fowler et al. ......................... 287
Deoxyribonucleic Acid Structure: A New Model: R. C. Hopkins .................. 289
Giant Synaptic Potential Hypothesis for Epileptiform Activity: D. Johnston and T. H. Brown ...................................................... 294
Technical Comments: Minor Planet Satellites: T. C. Van Flandern; Geothermal System at 21°N: C.-T. A. Chen ........................................ 297

COVER

Satellite earth stations located in Arctic Village, Alaska. The earth station on the left was installed by Alascom, Inc., and the State of Alaska. It is capable of providing both telephone and television service. The earth station on the right was used in connection with the NASA ATS-1 satellite in a demonstration of very high frequency (VHF) satellite communications. See page 241. [Craig Mishler, University of Alaska, Anchorage]
Science 211 (4479), 226-298.