LETTERS
Auto-Safety Research: E. S. Krendel and C. A. Silver; R. Nader; G. Clark; M. J. Allen; R. C. Dickinson; Grants and Copyrights: A. B. Grobman

EDITORIAL
The Need for Leaders

ARTICLES
Federal Money and University Research: D. K. Price

Some historic failures suggest major political issues that may still be involved in the support of science.

Vegetation: Identification of Typal Communities: R. Daubenmire

Stratification of samples and attention to population structure reveal the existence of discontinuities.

Absolute Dating and the Astronomical Theory of Glaciation: W. S. Broecker

Changes in climate occur in response to periodic variations in the earth's tilt and precession.

NEWS AND COMMENT
Surveyor and Voyager: Stretchout—Congress: Busy Year Ahead—Scientists Protest Vietnam Crop Destruction

BOOK REVIEWS
Beyond the Beat: P. Seabury


REPORTS
Earth's Viscosity: D. L. Anderson

Synthetic Myosin Filaments: B. Kaminer and A. L. Bell

Liquid Water in Frozen Tissue: Study by Nuclear Magnetic Resonance: M. V. Sassman and L. Chin
Manganese Nodules: Their Evolution: M. L. Bender, T.-L. Ku, W. S. Broecker ........................................ 325
Thyrocalcitonin Inhibition of Bone Resorption Induced by Parathyroid Hormone in Tissue Culture: M. A. Aliapoulios, P. Goldhaber, P. L. Munson .......................................................... 330
Tryptophan Pyrrolase Induced in Human Liver by Hydrocortisone: Effect on Excretion of Kynurenine: K. Altman and O. Greengard ................................................................. 332
Microinjection of Mouse Eggs: T. P. Lin ......................................................................................... 333
Light Sense in Nematodes: P. A. G. Wilson .................................................................................. 337
Fluctuation Tests with Antibody-Forming Spleen Cell Populations: M. Nakano and W. Braun .................................................................................. 338
Pheromone: Evidence in a Decapod Crustacean: E. P. Ryan ............................................................. 340
Starch-Deficient Maize Mutant Lacking Adenosine Diphosphate Glucose Pyrophosphorylase Activity: C.-Y. Tsai and O. E. Nelson ................................................................................... 341
Sponge: Effect on the Form of Reef Corals: T. F. Goreau and W. D. Hartman ........................................ 343
Spectral Sensitivity of the Scallop Pecten maximus: J. R. Cronly-Dillon .................................................. 345
Lipoprotein Patterns in Acrylamide Gel Electrophoresis: S. Raymond, J. L. Miles, J. C. J. Lee .............................................................. 346
Chloroquine: Mode of Action: J. Ciak and F. E. Hahn ......................................................................... 347
Subcellular Sources of Luminescence in Noctiluca: R. Eckert .............................................................. 349
Enhanced Distress Vocalization through Selective Reinforcement: H. S. Hoffman et al. ......................... 352
Age Differences in Infants' Attention to Patterns of Different Complexities: W. M. Brennan, E. W. Ames, R. W. Moore .............................................................................................................. 354

MEETINGS
Congenital Malformations and Cancer: United States–Japan Cooperative Science Program: R. W. Miller and H. Nishimura; Seaweed: E. Conway and E. G. Young; Forthcoming Events ................................................................................................................. 357

Large colony of Montastrea annularis without Mycale, Maria Buena Bay, Jamaica, 40 meters in depth. The outer edges of the coral lack pronounced folds. A heavy growth of encrusting organisms hangs from the under surface of the coral. The trumpet-shaped sponge (Agelas sp.) in the foreground is 1.25 meters long. See page 343. [T. F. Goreau, University of the West Indies]