LETTERS
The Safety of 2,4,5-T: A. H. Westing; E. H. Blair; Atlantic Hot Springs?; P. A. Rona; R. A. Kerr 1135

EDITORIAL
All Really Great Lies Are Half True: J. Funder 1139

ARTICLES
The Helium Question: E. Cook 1141
Keilin's Respiratory Chain Concept and Its Chemiosmotic Consequences: P. Mitchell 1148

NEWS AND COMMENT
Park Is Sought to Save Indian Tribe in Brazil 1160
Human Rights for Tribal Peoples 1161
Briefing: Ex-Official Scores GM for Lack of Innovation; Nuke Speak; Postscripts 1162
Approval Sought for Nerve Gas Pilot Plant 1164
Governor Ray Relents, Opens Waste Site 1165
Book Purged of Academy Slur 1166

RESEARCH NEWS
The Threat to Ozone Is Real, Increasing 1167
Plants: Can They Live in Salt Water and Like It? 1168

AAAS NEWS
1979 Election Results; Meeting Notes; Professionals and Undergraduate Education; Energy Requirements of Rural America Discussed at Seminar; Mass Media Science Fellows; The China Issue of Science; Section News—Section B (Physics): R. M. Sinclair; Women, Science, and Technology at UNCSTD: A Follow-Up 1170
BOOK REVIEWS
The Soviet Energy System, reviewed by G. Duffy; The History and Philosophy of Technology, A. C. Michalos; Plant Strategies and Vegetation Processes, O. T. Solbrig; Physics of Superionic Conductors, G. D. Mahan; Books Received

REPORTS
Discharge of the Nile River: A Barometer of Short-Period Climate Variation: H. Riehl and J. Meitin
Recent Crustal Uplift in Yellowstone National Park: J. R. Pelton and R. B. Smith
Dolphin Lung Collapse and Intramuscular Circulation During Free Diving: Evidence from Nitrogen Washout: S. H. Ridgway and R. Howard
Dopamine-Related Tetrahydroisoquinolines: Significant Urinary Excretion by Alcoholics After Alcohol Consumption: M. A. Collins et al.
Temperature-Dependent Sex Determination in Turtles: J. J. Bull and R. C. Vogt
Target Cells for 1,25-Dihydroxyvitamin D3 in Intestinal Tract, Stomach, Kidney, Skin, Pituitary, and Parathyroid: W. E. Stumpf et al.
A Glucose-Controlled Insulin-Delivery System: Semisynthetic Insulin Bound to Lectin: M. Brownlee and A. Cerami
Different Nucleosome Structures on Transcribing and Nontranscribing Ribosomal Gene Sequences: E. M. Johnson, G. R. Campbell, V. G. Alfrey
Time-Resolved Europium(III) Excitation Spectroscopy: A Luminescence Probe of Metal Ion Binding Sites: W. DeW. Horrocks, Jr., and D. R. Sudnick
The Dielectric Constant of Phospholipid Bilayers and the Permeability of Membranes to Ions: J. P. Dilger et al.
Microwaves: Effect on Thermoregulatory Behavior in Rats: S. Stern et al.
Technical Comments: Chimpanzee Problem Comprehension: Insufficient Evidence: E. S. Savage-Rumbaugh and D. M. Rumbaugh; D. Premack and G. Woodruff

PRODUCTS AND MATERIALS
Respirator; Micro Osmometers; Cryostat; Flame Photometer; Audio Signal Synthesizer; Solar Energy Meter; Infrared Spectrometer; Literature

COVER
Felucca boats sailing the Nile River. Significant variations in climate on time scales of the order of 100 years have been found in the yearly records of the Nile River discharge since A.D. 622. See page 1178. [Egyptian Government Tourist Office, New York City]