LETTERS  NCI Bioassay Program: A. C. Upton; P. Shubik and D. B. Clayson; Risks and Public Policy: S. O. Nielsen; Dysmenorrhea Treatment: H. M. Swartz  ........................................ 746

EDITORIAL  Women in Science: L. M. Branscomb  ........................................ 751

ARTICLES  Assessment of Diagnostic Technologies: J. A. Swets et al.  ......................... 753
          Molecular Thermodynamics for Chemical Process Design: J. M. Prausnitz  .... 759

NEWS AND COMMENT  High Anxiety over Flights Through Ozone  .......................... 767
          Briefing: Carcinogens in Scotch; Congress Relents, Spares OES Bureau  .... 768
          Agent Orange Furor Continues to Build  ........................................... 770
          Carter Loses on Breeder Reactor, Again  ........................................... 773

RESEARCH NEWS  New Drugs and the Brain  .............................................. 774
          New Evidence for Fifth Quark  ......................................................... 777

BOOK REVIEWS  Neptune's Gift, reviewed by R. G. W. Anderson; International Management of Tuna, Porpoise, and Billfish, A. Longhurst; Energy from

Downloaded from http://science.sciencemag.org/ on June 9, 2017
the Waves, O. M. Phillips; Rio Grande Rift, K. C. Burke; Behavioural Ecology, H. M. Wilbur; Books Received .................................. 778

ASSOCIATION AFFAIRS AAAS Annual Elections .......................................................... 783

REPORTS

Sea-Level Lowering During the Illinoian Glaciation: Evidence from a Bahama "Blue Hole": M. Gascoyne et al. ..................................................... 806


Voltage-Dependent Calcium and Potassium Ion Conductances: A Contingency Mechanism for an Associative Learning Model: D. L. Alkon .................. 810

5-Bromodeoxyuridine Inhibits Sequence Changes Within Inverted Repeat DNA During Embryogenesis: D. G. Dickinson and R. F. Baker ..................... 816

Retinotectal Projection in Goldfish to an Inappropriate Region with a Reversal in Polarity: R. L. Meyer ................................................................. 819

GABA Receptors in Clonal Cell Lines: A Model for Study of Benzodiazepine Action at Molecular Level: M. Baraldi et al. ........................................ 821


By Dawn's Early Light: Matutinal Mating and Sex Attractants in a Neotropical Mantid: M. H. Robinson and B. Robinson ................................... 825

α-Melanocyte-Stimulating Hormone: Reduction in Adult Rat Brain After Monosodium Glutamate Treatment of Neonates: R. L. Eskay, M. J. Brownstein, R. T. Long ......................................................... 827

Mosquitoes: Biting Behavior Inhibited by Ecdysone: R. Beach ................................. 829

Nest Guard Replacement in the Antarctic Fish Harpagifer bispinis: Possible Altruistic Behavior: R. A. Daniels ................................................. 831

Stalagmite found 45 meters below sea level in a "blue hole," a drowned karstic cave near Andros Island in the Bahamas. Uranium series dating of this stalagmite provides an estimate of the time of sea-level change at the end of the Illinoian glacial stage. See page 806. [George J. Benjamin, Benjamin Film Laboratories Ltd., Toronto, Canada]