Abortion in America, reviewed by R. L. Numbers; Planets and Planetarians, N. S. Hetherington; Scripps Institution of Oceanography, S. Schlee; Mosquitoes, Malaria and Man, B. H. Kean; Cosmic Dust, J. R. Arnold...... 967

Gulf Stream Ring Coalescence with the Gulf Stream off Cape Hatteras: D. R. Watts and D. B. Olson.......................... 971

Low Repetitive DNA Content in Aspergillus nidulans: W. E. Timberlake .... 973

Calcium-Induced Contraction of the Rhizoplast of a Quadriflagellate Green Alga: J. L. Salisbury and G. L. Floyd .............. 975

Serotonin Shifts the Phase of the Circadian Rhythm from the Aplysia Eye: G. Corrent, D. J. McAdoo, A. Eskin ............... 977


Homoeologous Chromosome Pairing: Frequency Differences in Inbred and Intraspecific Hybrid Polyploid Ferns: L. G. Hickok .... 982

Long Ascending Projections from Substantia Gelatinosa Rolandi and the Subjacent Dorsal Horn in the Rat: G. J. Giesler, Jr., et al. ......... 984

Spinothalamic Tract Neurons in the Substantia Gelatinosa: W. D. Willis, R. B. Leonard, D. R. Kenshala, Jr. ...................... 986

β-Endorphin Is Associated with Overeating in Genetically Obese Mice (ob/ob) and Rats (fa/fa): D. L. Margules et al. ........ 988

Conservation of Liquid and Solid Quantity by the Chimpanzee: G. Woodruff, D. Premack, K. Kennel .................. 991


Long-Latency “Subthreshold” Collicular Responses to the Constant-Frequency Components Emitted by a Bat: A. D. Grinnell and P. Brown .... 996

Conformational Changes in 16S Ribosomal RNA Induced by 30S Ribosomal Subunit Proteins from Escherichia coli: A. A. Bogdanov et al. ........ 999


Cover

Plant muscle. Sequence showing contraction of rhizoplasts of the green alga Platymonas. The contraction is triggered by calcium and is cyclic in the presence of both calcium and adenosine triphosphate. Rhizoplast contraction is thought to be functionally linked to flagellar activity. The upper rhizoplast pair is a composite image. (Actual length of one extended rhizoplast is approximately 2.5 micrometers.) See page 975. [J. L. Salisbury and G. L. Floyd, Ohio State University, Columbus]