Radiolarian Skeletons: Solution at Depths: W. H. Berger ........................................ 1237
Chaetopterus Photoprotein: Crystallization and Cofactor Requirements for Bioluminescence: O. Shimomura and F. H. Johnson .................................................. 1239
Ribosome Biogenesis: Nonrandom Addition of Structural Proteins to 50S Subunits: B. H. Sells and F. C. Davis, Jr. ................................................................. 1240
Transformation of Human Lymphocytes: Inhibition by Homologous Alpha Globulin: S. R. Cooperband et al. ................................................................. 1243
Norepinephrine: Turnover in Rat Brains after Gonadectomy: F. Anton-Tay and R. J. Wurtman ................................................................. 1245
Hydra viridis: Inhibition by the Basal Disk of Basal Disk Differentiation: H. K. MacWilliams and F. C. Kafatos ................................................................. 1246
Apparent Production of Two Types of Antibodies by a Single Cell: J. G. Michael and R. Marcus ................................................................. 1247
Incidence of Gross Chromosomal Errors among Tall Criminal American Males: M. A. Telfer et al. ................................................................. 1249
Penicillin: Effect on Sodium and Potassium Transport in Bacterial and Protoplast Forms of Streptococcus faecalis: J. Z. Montgomery et al. ....... 1252
Determinants of Food Intake in Obesity: R. E. Nisbett .................................................. 1254
Eye Movement Activity during Sleep and Intellectual Function in Mental Retardation: I. Feinberg ................................................................. 1256
Functional Congruence: An Index of Neural Homogeneity and a New Measure of Brain Activity: S. S. Fox and R. J. Norman ................................................................. 1257
Extinction Following Intracranial Reward: The Effect of Delay between Acquisition and Extinction: D. Quartermain and D. Webster ................................................................. 1259
Technical Comments: Estrogen Receptor: Ambiguities in the Use of This Term: R. J. Wurtman, E. V. Jensen ................................................................. 1261

MEETINGS

Cholera Research: United States-Japan Cooperative Medical Science Program: C. C. J. Carpenter; Paleolimnology: D. G. Frey; Calendar of Events (Courses) . . 1262

COVER

Painting executed by artist while under the influence of LSD (150 micrograms). The chrysanthemum (lower right), a painting illustrating the artist's earlier, customary (representational) style, was used as the model. After ingestion of LSD during an investigation of the effects of this drug on artistic production, the artist believed he was painting an excellent piece. After recovery he was not so sure. See page 1189. [Artist, Jack Jones, Santa Monica, California; courtesy of Sidney Cohen, Veterans Administration, Los Angeles, California]