Direct Evidence for a Colchicine-Induced Impairment in the Mobility of Membrane Components: F. Wunderlich, R. Muller, V. Speth .......... 1136
Control of Guanylate Cyclase Activity in the Rod Outer Segment: R. G. Pannbacker .......... 1138
Structure of a Dinucleotide: Thymidylyl-5'→3'-Thymidylyl-5' (pTpT): N. Cameran, J. K. Fawcett, A. Cameran .......... 1142
Polyol Accumulation in Galactosemic and Diabetic Rats: Control by an Aldose Reductase Inhibitor: D. Dovnik et al. .......... 1146
Luteinizing Hormone–Releasing Factor Potentiates Lordosis Behavior in Hypophysectomized Ovariectomized Female Rats: D. W. Pfaff .......... 1148
Xenotropic Viruses: Murine Leukemia Viruses Associated with NIH Swiss, NZB, and Other Mouse Strains: J. A. Levy .......... 1151
Trigeminal Deafferentation and Feeding in the Pigeon: Sensorimotor and Motivational Effects: H. P. Zeigler .......... 1155
Acquisition and Retention of Long-Term Habituation in Aplysia: Correlation of Behavioral and Cellular Processes: T. J. Carew and E. R. Kandel .......... 1158
Technical Comments: Earliest Animal Domestication Dated?: S. Bökönyi, R. J. Braidwood, C. A. Reed .......... 1161

SAN FRANCISCO
MEETING
Programs of Special Interest to Women and Minorities: S. Posner .......... 1162

MEETINGS
Techniques in Somatic Cell Genetics as They Pertain to Senescence of Diploid Cells: W. W. Nichols, L. H. Toij, R. C. Miller; Control of Transcription: R. K. Mandal; Forthcoming Events .......... 1164

PRODUCTS AND
MATERIALS
Air Pollution Monitors; Mineral Lattice Models; Fluorescence Microscope; Culture Sample Collection and Transport: Literature .......... 1181

COVER
Abdominal surface of female wolf spider, Lycosa punctulata (x 600). [Scanning electron micrograph by Rainer Foelix, North Carolina Department of Mental Health, Raleigh] (Below) Lycosid spiderlings grasp the mother's specialized abdominal hairs and ride on her as she wanders. See page 1153. [Jerome Rovner, Ohio University, Athens]