Porphyrin Induction: Equivalent Effects of 5αH and 5βH Steroids in Chick Embryo Liver Cells: J. K. Stephens, P. W. F. Fischer, G. S. Marks. 659

Hydrodynamic Evidence in Support of Spacer Regions in Chromatin: K. S. Schmitz and B. Ramsay Shaw. 661

1,25-Dihydroxycholecalciferol and Parathormone: Effects on Isolated Osteoclast-Like and Osteoblast-Like Cells: G. L. Wong, R. A. Luben, D. V. Cohn. 663


Hepatic Binding Protein: The Protective Role of Its Sialic Acid Residues: R. J. Stockert, A. G. Morell, I. H. Scheinberg. 667

Desulfurization of Coal by Use of Chemical Communion: P. H. Howard and R. S. Datta. 668

Structure of a Molluscan Cardioexcitatory Neuropeptide: D. A. Price and M. J. Greenberg. 670

DNA Strand Scission by Benz(a)pyrene Diol Epoxides: H. B. Gamper et al. 671

Interferon: An Inducer of Macrophage Activation by Polyanions: R. M. Schultz, J. D. Papanastasiuk, M. A. Chirigos. 674

Polymorphism and Geographic Variation in the Feeding Behavior of the Garter Snake Thamnophis elegans: S. J. Arnold. 676

Resource Partitioning in Bumble Bees: The Role of Behavioral Factors: D. H. Morse 678

Toxicity of Mild Prenatal Carbon Monoxide Exposure: L. D. Fechter and Z. Annau. 680

Developmental Neuroethology: Changes in Escape and Defensive Behavior During Growth of the Lobster: F. Lang et al. 682

Return of Myosin Heads to Thick Filaments After Muscle Contraction: N. Yagi et al. 685

Appetitive and Replacement Naps: EEG and Behavior: F. J. Evans et al. 687


The Spinning Rotation of Ash and Tulip Tree Samaras: C. W. McCutchen. 691

A Developmental Theory of Environmental Enrichment: R. A. Cummins, P. J. Livesey, J. G. M. Evans. 692

Disruption of Sex Pheromone Communication in a Nematode: L. W. Bone and H. H. Shorey 694

COVER

The collapse of adobe dwellings was the main cause of death and injury following the earthquake in Guatemala, as it has been in other areas of Latin America. Epidemiologic study of the relation between house construction and health effects following earthquakes can provide clues for the prevention of death and injury in areas of the world prone to these natural disasters. See page 638. [Roger I. M. Glass, Center for Disease Control, Atlanta, Georgia 30333]