
The Government, Secrecy, and University Research: D. Kennedy

Surface Spectroscopies with Synchrotron Radiation: N. V. Smith and D. P. Woodruff

Conservation and Duplication of Isozymes in Plants: L. D. Gottlieb

Darwinism and the Expansion of Evolutionary Theory: S. J. Gould

A Doomsday Plan for the 1990’s

Briefing: Washington State Vetoes Northern Tier Pipeline; Publisher Settles Suit, Says Clone Book Is a Fake; NAS Seeks News About Jailed Iraqi Scientists

Gould Advances Inventor’s Claim on the Laser

The First Lasers

New Link Between Ozone and Cancer

Meeting Highlights: A New Route to Opium Derivatives; Accelerating the Synthesis of DNA; A New Approach to Nonnutritive Sweeteners; Conductive Polymers Set for a Breakthrough; New Drugs for Parkinson’s, Cancer

Cloning the Genes of the MHC

Biosystematics of Social Insects, reviewed by R. H. Crozier; Foraminifera, W. H. Berger; Primordial Germ Cells in the Invertebrates, F. Giorgi; The Olmec and Their Neighbors, J. A. Graham; Books Received
Infrared Spectrum of the Purple Membrane: Clue to a Proton Conduction Mechanism?: S. Krimm and A. M. Dwivedi

Substance P and Cholecystokinin-Like Peptides in Helix Neurons and Cholecystokinin and Serotonin in a Giant Neuron: N. N. Osborne, A. C. Cuello, G. J. Dockray

Entorhinal Cortex Lesions Induce a Decreased Calcium Transport in Hippocampal Mitochondria: M. Baudry et al.

Cholinergic Innervation in Neuritic Plaques: R. G. Struble et al.

Systemic Lupus Erythematosus-Like Syndrome in Monkeys Fed Alfalfa Sprouts: Role of a Nonprotein Amino Acid: M. R. Malinow et al.

Calcium and Age in Fibroblasts from Control Subjects and Patients with Cystic Fibrosis: B. L. Shapiro and L. F. H. Lam

Pituitary Receptor Site Blockade by a Gonadotropin-Releasing Hormone Antagonist in vivo: Mechanism of Action: D. Heber et al.

Synaptic Cleft Glycoproteins Contain Homologous Amino Acid Sequences: E. E. Mena and C. W. Cotman

Pheromone Source Location by Flying Moths: Supplementary Non-Anemotactic Mechanism: T. C. Baker and L. P. S. Kuenen

Experimental Hepatic Encephalopathy: Changes in the Binding of γ-Aminobutyric Acid: M. Baraldi and J. L. Zeneroli


Rediscovery of the Yellow-Fronted Gardener Bowerbird: J. M. Diamond


Heroin “Overdose” Death: Contribution of Drug-Associated Environmental Cues: S. Siegel et al.

Tumor Rejection in Rats After Inescapable or Escapable Shock: M. A. Visintainer, J. R. Volpicelli, M. E. P. Seligman

Behavioral Sequences During Dominance Hierarchy Formation in Chickens: I. D. Chase

Cover

Bowerbird (Amblyornis flavifrons) recently rediscovered in a remote part of New Guinea. To attract females, males build a stick tower on a rimmed moss platform, decorate it with fruit of three different colors, and extend toward the female a blue fruit set against the golden crest. See page 431. (Painting by William Cooper. The Birds of Paradise and Bower Birds, William T. Cooper and Joseph M. Forshaw. First published in Sydney, Australia, by William Collins Publishers, 1977; first U.S. edition by David R. Godine, Publisher, Boston, Massachusetts, 1979)