LETTERS


EDITORIAL

Office of Technology Assessment

ARTICLES

Neurometrics: E. R. John et al.; Natural Product Synthesis and Vitamin B_{12}: A. Eschenmoser and C. E. Wintner

NEWS AND COMMENT

Drinking Water: Health Hazards Still Not Resolved; NSF Authorization Coming Up; The Handicapped and Science: Moving into the Mainstream; Lab Classroom: Breaking the Communication Barrier; Endangered Species: Review of Law Triggered by Tellico Impasse; Mollusc Expert Resists Transfer

RESEARCH NEWS

Looking at Lectins: Do They Function in Recognition Processes?

BOOK REVIEWS

To Be an Invalid, reviewed by W. B. Provine; Harpers Ferry Armory and the New Technology, E. S. Ferguson; Conodont Paleoecology, T. J. M. Schopf; Books Received and Book Order Service

REPORTS

Vision in Annelid Worms: G. Wald and S. Rayport; Laser Fluorimetry: Subpicogram Detection of Aflatoxins Using High-Pressure Liquid Chromatography: G. J. Diebold and R. N. Zare; Monomeric Forms of the Acid Ionophore Lasalocid A (X-537A) from Polar Solvents: C. C. Chiang and I. C. Paul
Anoxic, Hypersaline Basin in the Northern Gulf of Mexico: R. F. Shokes et al. 1443
Great Lakes Eutrophication: The Effect of Point Source Control of Total Phosphorus: S. C. Chapra and A. Robertson 1448
Increasing Photosynthesis by Inhibiting Photorespiration with Glyoxylate: D. J. Oliver and I. Zelitch 1450
Experimental Diabetes Reduces Circulating 1,25-Dihydroxyvitamin D in the Rat: L. E. Schneider et al. 1452
Persistence of Hong Kong Influenza Virus Variants in Pigs: K. F. Shortridge et al. 1454
Tumor Antigen and Human Chorionic Gonadotropin in CaSki Cells: A New Epidermoid Cervical Cancer Cell Line: R. A. Pattillo et al. 1456
Interspecific Hybridization and Caste Specificity of Protein in Fire Ant: A. C. F. Hung and S. B. Vinson 1458
Steroid Contraceptive Use and Cervical Dysplasia: Increased Risk of Progression: E. Stern et al. 1460
Rapid Response to Selection for a Nondiaposing Gypsy Moth: M. A. Hoy 1462
Motor Vehicle Fatalties Increase Just After Publicized Suicide Stories: D. P. Phillips 1464
Female-Female Pairing in Western Gulls (Larus occidentalis) in Southern California: G. L. Hunt, Jr. and M. W. Hunt 1466
Somatostatin: Analogs with Selected Biological Activities: M. Brown, J. Rivier, W. Vale 1467
Somatostatin: Electron Microscope Immunohistochemical Localization in Secretory Neurons of Rat Hypothalamus: G. Pelletier, D. Dubé, R. Puviani 1469
Birth Order and Intellectual Development: The Confluence Model in the Light of Cross-Cultural Evidence: D. J. Davis, S. Cahan, J. Bashi 1470
Cannabinoids Inhibit Testosterone Secretion by Mouse Testes in vitro: S. Dalterio, A. Bartke, S. Burstein 1472
Suppression of Sympathetic Nervous System During Fasting: J. B. Young and L. Landsberg 1473

PRODUCTS AND MATERIALS

Cutaneous Valve; Spectrofluorometer; Analytical Balance; Hematology System; X-ray Analyzer; Nuclear Magnetic Resonance Spectrometer; Temperature Monitor; Electron Microscope; Literature 1476

COVER

Micropyle on surface of egg of nondiaposing strain of the gypsy moth (Lymantria dispar L.). It looks like that on the normal eggs (about × 2800). See page 1462. [Kathleen Stone Shields, Northeastern Forest Experiment Station, U.S. Forest Service, Hamden, Connecticut]