
LETTERS

Economics and the Quality of Life: J. K. Galbraith

Environment and Man in Arid America: H. E. Malde

Geologic, biologic, and archeologic clues suggest climatic changes in the dry Southwest in the last 15,000 years.

Heterochromatized Chromosomes in the Coccids: S. W. Brown and U. Nur

The process of heterochromatization and the function of heterochromatin in coccid insects are reviewed.

NEWS AND COMMENT

Space Politics—Powerful and Difficult To Change; Drug Disputes—“Court of Appeals” Proposed

BOOK REVIEWS

The Quest for Certainty: Science Citation Index: H. B. Steinbach


REPORTS

Reaction of Hydrogen with Oxygen Adsorbed on a Platinum Catalyst:

H. W. Kohn and M. Boudart

Flowage Differentiation: S. Bhattacharji and C. H. Smith


Strontium Fixation by Lime Contained in Soils: R. Mokady and M. Gal

Oysters: Composition of the Larval Shell: H. B. Stenzel

Femoral Expansion in Aging Women: Implications for Osteoporosis and Fractures: R. W. Smith, Jr., and R. R. Walker


“Cytoplasmic” Sterility in Drosophila paulistorum Which Is Ultimately Dependent on Nuclear Genes: L. Ehrman
Lateral Geniculate Nucleus and Cerebral Cortex: Evidence for a Crossed Pathway: M. Glickstein, J. Miller, O. A. Smith, Jr. ................................................................. 159
Thermal Inactivation of the Primer in DNA-Dependent Synthesis of RNA in Animal Tissue: J. J. Furth and P. Loh ................................................................. 161
Persistence of Neorickettsiae helminthoea in an Endoparasite of the Pacific Salmon: R. K. Farrell, M. A. Lloyd, B. Earp .................................................................. 162
Tetracycline Fluorescence in Permeability Studies of Membranes around Intracellular Parasites: H. G. du Buy, F. Riley, J. L. Showacre ....................... 163
Toxic Effect of Pseudomonas tabaci on RNA Metabolism in Tobacco and Its Counteraction by Kinetin: L. Lovekovich, Z. Klement, G. L. Farkas ........................................ 165
Indoleacetic Acid Synthesis by Polyphenols in the Extraction of Pinus Phloem and Cambial Tissue: F. W. Whitmore and R. Zahner ............................................. 166
Gamma Globulin Antigenic Types Defined by Heavy Chain Determinants: R. E. Ballieux et al. ........................................................................................................ 168
Antibody to Hereditary Human Gamma-Globulin (Gm) Factor Resulting from Maternal-Fetal Incompatibility: H. H. Fudenberg and B. R. Fudenberg ...... 170
Aortico-Pulmonary Glomus Tissue Distribution and Blood Supply in the Adult Cat: M. A. Verity, T. Hughes, J. A. Bevan ................................................................. 172
A Primitive Heart in the Echinoid Strongylocentrotus purpuratus: R. A. Boolootian and J. L. Campbell ................................................................. 173
Ultraviolet Sensitivity of Escherichia coli Containing Heat-Inducible Lambda Prophages: M. Lieb ........................................................................................................ 175
Lethal Alleles in Mus musculus: Local Distribution and Evidence for Isolation of Demes: P. K. Anderson ................................................................. 177
Hypertensive Vascular Disease Produced by Homologous Renin: G. M. C. Masson et al. ........................................................................................................ 178
Attention, Vigilance, and Cortical Evoked-Potentials in Humans: M. Haider, P. Spong, D. B. Lindsley ................................................................. 180
Enhancement of Evoked Cortical Potentials in Humans Related to a Task Requiring a Decision: H. Davis ................................................................. 182

MEETINGS
Air Pollution and Health: J. R. Goldsmith; Cross-Linkages in Collagen: R. R. Kohn, H. B. Bensusan, L. Klein; Forthcoming Events ............................... 184

DEPARTMENTS
New Products ........................................................................................................ 207

COVER
Aboral view of test of the sea urchin, Strongylocentrotus franciscanus. The pentaradiate construction of this shell is a fundamental characteristic of echinoderms. The heart-shaped structure (off center) is the madreporite under which a pulsating organ has recently been discovered. See page 173. (About 10 percent larger than actual size) [Richard A. Boolootian]