
Advice for Congress

Igneous Rocks of the East Pacific Rise: A. E. J. Engel and C. G. Engel

Infrared Spectroscopy and Catalysis Research: R. P. Eischens

Biomedical Science in Europe: R. P. Grant, C. P. Huttner, C. G. Metzner

Churchill College—A Modern University College: J. Cockcroft


Interpretation of Ranger Photographs: J. A. O'Keefe

Carbonate Deposits and Paleoclimatic Implications in the Northeast Pacific Ocean: Y. R. Nayudu

Strontium Content and Variable Strontium-Chlorinity Relationship in Sargasso Sea Water: F. T. Mackenzie

Crystal Structure of Weddellite: C. Sterling

High-Pressure Polymorphs in the Silver Iodide Phase Diagram: B. L. Davis and L. H. Adams

Effect of Traces of Large Molecules Containing Nitrogen on Hydrogen Overvoltage: W. Juda, M. S. Frant, D. N. Kramer
Semipermeable Microcapsules: T. M. S. Chang .................................................. 524
Gene-Enzyme Relations in Histidine Biosynthesis in Yeast: G. R. Fink ....................... 525
Replication of the RNA of Bacteriophage R17: M. L. Fenwick, R. L. Erikson, R. M. Franklin .......................................................... 527
Amino Acids: Incorporation into α- and β-Chains of Hemoglobin by Normal and Thalassemic Reticulocytes: J. D. Heywood, M. Koron, S. Weissman .................. 530
Human Wart Virus: In vitro Cultivation: S. Oroszlan and M. A. Rich .................. 531
5-Bromodeoxyuridine: Effect on Myogenesis in vitro: F. Stockdale et al. ............ 533
Enolase: Multiple Molecular Forms in Fish Muscle: H. Tsuyuki and F. Wold .... 535
Enzymatic Mechanism for the Escape of Certain Moths from Their Cocoons: F. C. Kafatos and C. M. Williams ............................................. 538
Plant Damage Caused by Irradiation of Aldehydes: I. J. Hindawi and A. P. Altschuller .......................................................................................... 540
Spore Discharge Mechanism in Basidiomycetes: L. S. Olive ...................... 542
Infestation of the Copepod Acartia tonsa with the Stalked Ciliate Zoothamnium: S. S. Herman and J. A. Mikursky .............................................. 543
Inducing Resistance to Freezing and Desiccation in Plants by Decenylsuccinic Acid: P. J. C. Kuiper ................................................................. 544
Potassium and Sodium Content of Tissues of Hamsters and Ground Squirrels during Hibernation: J. S. Willis ...................................................... 546
Nematode-Trapping Fungi: Evaluation of Axenic Healthy and Galled Roots as Trap Inducers: D. W. Iffland and P. V. Allison ........................................ 547
Complex Visual Concept in the Pigeon: R. J. Herrnstein and D. H. Loveland .......... 549
Comments on Reports: Circadian Leaf Movements in Bean Plants: Earlier Reports: E. Bunning ................................................................. 551

MEETINGS

Magnetic Resonance in Biological Systems: O. Jardetzky; Estuaries: G. H. Lauff; Bacterial Structure and Replication: R. M. Cole; Subunit Structure of Proteins: S. Lacks; Forthcoming Events ................................. 552

DEPARTMENTS

New Products ........................................................................................................ 569

Jay R. Tytell

Submarine lava flow of pillow-shaped, tholeiitic basalt erupted from the earth’s mantle onto the west flank of the East Pacific Rise. This primary oceanic basalt contains much less potassium, uranium, and thorium than most other oceanic and continental basalts. Depth of water, 2400 meters. See page 477. [Fred Dixon]