Contents

Carbon Isotope Effects in Biological Systems: Donald L. Buchanan, Akira Nakao, and George Edwards 541


News and Notes

National Entomological Societies Merge 546

Technical Papers

Effect of Nuclear Counting Procedures on Determination of the Desoxypentosenucleic Acid Content of Rat Liver Cell Nuclei: S. Albright, Ralph M. Johnson, and Renée R. Wagshal 551

Biosynthesis of C¹⁴-Specifically Labeled Cotton Cellulose: Glenn A. Greathouse 553

A Cage for Rearing Predator-Prey Populations of Mites: Thomas Burnett 554

Growth and Regeneration in Hevea Seedlings: T. J. Musik 555

The Nature of Perceptual Processes: Rayford T. Saucer 556

Inhibition of Tobacco Mosaic Virus Biosynthesis: Frank L. Mercer, Taylor E. Lindhorst, and Barry Commoner 558

A Snail Intermediate Host of the Rabbit Parasite Hastilesia tricolor (Trematoda: Brachylaemidae): William B. Rowan 559

Polarograms of Oxygen in Lake Water: K. G. Wood 560

Relationship of Colloids to the Surface Tension of Urine: Robert A. Ravich 561

Production of Folinic Acid from Folic Acid by Lactobacillus casei: T. J. Bond 563

The Life History of Echinoparyphium flexum (Linton 1892) (Dietz 1910) (Trematoda: Echinostomidae): Haig H. Najarian 564

The Cultivation of Hydra Under Controlled Conditions: W. F. Loomis 565

An Ultrafilterable Growth Factor for Tissue Culture: Sheldon Rosenberg and Paul L. Kirk 566

Comments and Communications

John F. Codington; J. R. King; and Anton Postl 567

Book Reviews 570

The Forest Insect Problem 3

Meetings & Conferences 10

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
Science 117 (3047), 3-570.