Strengthening the Basis of National Security: Board of Directors, American Association for the Advancement of Science

Human Ecology: A Problem in Synthesis: P. B. Sears

News and Notes
Astronomical Highlights in 1954; Marine Biology in Latin America; and Regular Departments

Book Reviews
Structures and Reactions of Aromatic Compounds; Abnormal and Pathological Plant Growth; Elsevier's Encyclopaedia of Organic Chemistry; Index IX to Literature of American Economic Entomology; Psychiatric Interview; How to Understand Propaganda; Atlas of Men; Anatomy of Weeds; Compaet Strategist; Linear Analysis; Statistical Approach to X-ray Structure Analysis; Mammalian Hybrids; Autotrophic Microorganisms; Elements of Food Engineering; Heat Transmission

Technical Papers
Nuclear Volume and Testosterone-Induced Changes in Secretory Activity in the Submaxillary Gland of Mice: V. Valeri
Exudate of the Mushroom, Polyporus dryadeus: B. Libet
Cation-Induced Respiration in Barley Roots: E. Epstein
Carbomycin, a Growth-Maintaining Factor for Endameba histolytica Cultures: H. Seneca and E. Bergendahl
Benzotriazole, a Plant-Growth Regulator: D. Davis
Lysergic Acid Diethylamide (LSD 25): II. Psychobiological Effects on the Siamese Fighting Fish: H. A. Abramson and L. T. Evans
Inhibition of Growth of Excised Tomato Roots by Desoxypiridoxin and Its Reversal by Pyridoxin: W. G. Boll
Effect of Linear Energy Transfer on Radiation-Induced Chromosome Aberrations in Tradescantia Microspores: N. H. Giles and C. A. Tobias
Enzyme Concentrations in the Brain and Adjutive Behavior-Patterns: D. Krech et al.
Preliminary Studies of the Intensity of Light Scattered by Water Fogs and Ic Fogs: W. C. Thuman and A. G. Brown
Identity of Sweat Glands Stimulated by Heat, Epinephrine, and Acetylcholine: S. M. Melinkoff and R. R. Sonnenschein
Resistance of M. tuberculosis to the PAS Salt of INH: H. Brodhouse

Communications
Incidence of Lung Tumors in Albino Mice Exposed to Smoke of Cigarette Paper: J. M. Essenberg
Financing of Medical Schools: J. W. Robinson; W. L. Straus, Jr.

Suggestions for Contributors
Meetings & Conferences

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