Editorial

Shelters: Pro and Kahn

Articles

Nuclear Clues to the Early History of the Solar System: W. A. Fowler

Light nuclei were synthesized before planetary material had entirely separated from hydrogen.

Glass Electrodes Sensitive to Divalent Cations: R. M. Garrels et al.

Ion exchange models for new electrode glasses simplify analyses for calcium and other ions.

News and Comment

Notes on Geneva... Exchange agreement... A dubious "institute of arts and letters"

Book Reviews

Shape and Flow and The Fluid Dynamics of Drag, reviewed by M. Phillips; other reviews

Reports

Technique for the Study of the Behavior of Motile Microorganisms: D. Davenport, C. A. Wright, D. Causley

Response of the Neotenic Salamander Haideotriton wallacei to a Metamorphic Agent: H. A. Dundee

New Genetically Homogeneous Background for Dystrophic Mice and Their Normal Counterparts: E. S. Russell et al.

Inactivity in vivo of Transcortin-Bound Cortisol: W. R. Slaunwhite, Jr., et al.

Autoradiographic Resolution of Doubly Labeled Compounds: E. S. Kempner and J. H. Miller

Strontium-90 in the 1959 United States Wheat Crop: T. A. Olson, Jr.

Established Eurythermic Line of Fish Cells in vitro: K. Wolf and M. C. Quimby

Inhibitors of Deuterophoma tracheiphila in Citrus Varieties Resistant to "Mal Secco": A. Ben Aziz et al.

Synergism between Streptomycin and Penicillin: A Proposed Mechanism: P. H. Plotz and B. D. Davis

Iodine-125 as a Protein Label in Immunology: F. W. Fitch, J. Winebright, P. V. Harper

Exteroceptive Cueing of Response Force: J. M. Notterman and D. E. Mintz

Strain and Sex Differences in Serum Cholesterol Levels of Mice: J. H. Bruell, A. F. Daroczy, H. K. Hellerstein

Strontium-90 and Cesium-137 Absorbed by Rice Plants in Japan, 1960: R. Ichikawa, M. Eto, M. Abe

Departments

Letters from W. Vogt; L. Muldawer; W. M. Heston; S. Peller; W. E. N. Doty

Microbiology in Latin America; Forthcoming Events

New Products

Cover

Expanding soap film catenoid. (Left) The catenoid expands as the wire rings are separated. (Middle) The surface film ruptures. (Right) After rupture, vibrating film remains attached to each ring, and a residual droplet breaks away. Film speed, 2000 frames per second. [From a science fair project by Barbara Jean R. Jones, Governor Livingston Regional High School, Berkeley Heights, N.J.]