LETTERS


EDITORIAL

Psychological Testing and the Invasion of Privacy

ARTICLES

Antarctica—Continent of International Science: L. M. Gould
Radiation Carcinogenesis: The Sequence of Events: L. J. Cole and P. C. Nowell
Fishing Treaties and Salmon of the North Pacific: W. F. Thompson

NEWS AND COMMENT

Federal Funds for Research—Rockefeller University II: Behavioral Biology—Education: New U.S. Commissioner

BOOK REVIEWS

The Closed Compulsory Community of American High Schools: L. B. Mayhew

REPORTS

Lead Isotopes and the Age of the Earth: G. R. Tilton and R. H. Steiger
Geology of the Central Portion of the Queen Maud Range, Transantarctic Mountains: F. A. Wade et al.
Migrant Sound Scatterers: Interaction with the Sea Floor: J. D. Isaacs and R. A. Schwartzlose
Strontium-Rubidium Age of an Iron Meteorite: G. J. Wasserburg, D. S. Burnett, C. Frondel
Germination of Lily Pollen: Respiration and Tube Growth: D. B. Dickinson
“Negative” Crystals in Ice: A Method for Growth: C. A. Knight and N. C. Knight
Autoradiography: Technique for Drastic Reduction of Exposure Time to Alpha Particles: J. J. C. Hsieh, F. P. Hungate, S. A. Wilson
Ice-Rafted Detritus as a Climatic Indicator in Antarctic Deep-Sea Core: J. R. Conolly and M. Ewing
Electrophoresis of Hemoglobin in Single Erythrocytes: G. T. Matioli and H. B. Niewisch
Beta-Solamarine: Tumor Inhibitor Isolated from Solanum dulcamara: S. M. Kupchan et al.
Succinate: Protective Agent against Hyperbaric Oxygen Toxicity: A. P. Sanders, I. H. Hall, B. Woodhall
Spleen as a Production Site for Erythropoietin: P. de Franciscis, G. De Bella, S. Cifaldi
Rabbit: Frequency of Suckling in the Pup: M. X. Zarrow, V. H. Denenberg, C. O. Anderson
Photopic Spectral Sensitivity in the Monkey: Methods for Determining, and Initial Results: N. A. Sidley et al.
Communication between Dolphins in Separate Tanks by Way of an Electronic Acoustic Link: T. G. Lang and H. A. P. Smith
Genotype and Prenatal and Premating Stress Interact to Affect Adult Behavior in Rats: J. M. Jofe
Technical Comments: Optical Activity in the Orgueil Meteorite: B. Nagy; Sarcolemma: Tension Transmission: H. Lamport; S. Street and R. Ramsey

MEETINGS

Genetic Control of Differentiation: H. H. Smith; Forthcoming Events

COVER

Evaporation of a solution of 66 nylon in formic acid results in a dendritic crystalline precipitate. The slender crystalline fibrils, whose growth habit is spiral, appear to originate from a vortex. Two such foci give the appearance of twin eyes. The spiral growth habit indicates a preferred orientation for the molecules precipitating on a carbon substrate. Fibrils narrower than 300 angstroms have not been observed (X 32,000). [Fiber Surface Research Section, E. I. du Pont de Nemours & Company, Inc., Wilmington, Nant. Cardinal]