Smooth Sailing

Editorial

Genetics of Mammalian Sex Chromosomes: L. B. Russell

Mouse studies throw light on the functions and on the occasionally aberrant behavior of sex chromosomes.

Population and Politics in Europe: A. F. K. Organski

Demographic factors help shape the relative power of the communist and noncommunist blocs.

Sensory Deprivation and Hallucinations: J. Vernon, T. Marton, E. Peterson

What conditions of minimal or controlled sensory stimulation favor the generation of hallucinations?

Space Communications: The Future Is Not Far Away, But the Major Policy Questions Are Unresolved

Book Reviews

E. R. Leach's Pul Eliya, A Village in Ceylon, reviewed by W. H. Goodenough; other reviews

Reports

Formation of Diamond by Explosive Shock: P. S. DeCarli and J. C. Jamieson

Role for Ganglionic Norepinephrine in Sympathetic Synaptic Transmission: E. Costa et al.

Ionium-Thorium Chronology of Deep-Sea Sediments of the Western North Pacific Ocean: Y. Miyake and Y. Sugimura

Compositional Categories of Ancient Glass: E. V. Sayre and R. W. Smith

Zinc-65 in Marine Organisms along the Oregon and Washington Coasts: D. G. Watson, J. J. Davis, W. C. Hanson

High-Rate Laboratory Filtration with Bückner Funnels: J. Shapiro


Suppression of Male Characteristics of Mosquitoes by Thermal Means: W. R. Horsfall and J. F. Anderson

Simple Method for Measuring Heart Vector of Isolated Animal Hearts: C. V. Nelson

Indole-like Urinary Stress Reactant in Man: A. J. Mandell, G. G. Slater, I. Mersol

Standard for Reporting Concentrations of Deuterium and Oxygen-18 in Natural Waters: H. Craig

Effect of Low Concentrations of Carbon Dioxide on Photosynthesis Rates of Two Races of Oxysta: W. D. Billings, E. E. C. Clebsch, H. A. Mooney

Radioisotopes in Entomology and Tropical Medicine; Forthcoming Events

Cover

Columns about 15 feet high in a basaltic lava flow near Buhl in southern Idaho. They were formed by contraction as the lava cooled. Contraction proceeded toward more or less equally spaced centers and produced a hexagonal network of vertical fractures, or joints, which bound the columns. The horizontal joints may have further relieved stresses within the columns as cooling continued. [Harold E. Malde, U.S. Geological Survey, Denver, Colo.]
Science 133 (3467), 1793-1838.