LETTERS


EDITORIAL

Drift and Damage in U.S.-Soviet Relations.

ARTICLES

Multidimensional Scaling, Tree-Fitting, and Clustering: R. N. Shepard

NEWS AND COMMENT

Frank Press To Be Nominated for NAS
Frank Press's Numbers Game
Human Gene Treatment Stirs New Debate
Hayes Makes Sunshine at SERI
Philosophers at the Pentagon

Briefing: Progressive Case Fallout Has a Long Half-Life; A Century After, a Huxley Back at Royal Society Helm; North Carolina's School for Science, Math All-Stars; Palm for Prescience to Wolf Foundation

RESEARCH NEWS

Hua Lo-Keng Shapes Chinese Math
Energy Sweepstakes: Fusion Gets a Chance

BOOK REVIEWS

Philosophers at War, reviewed by A. E. Shapiro; Quantitative Toxicology, V. B. Vouk; Seabrook and the Nuclear Regulatory Commission, T. L. Ilgen; Protein Folding, I. D. Kuntz, Jr.; Books Received

REPORTS

Geoidal Change and Shore-Level Tilt Along Holocene Estuaries: Sénégal River Area, West Africa: H. Faure et al.
Upper Wisconsinian Till Recovered on the Continental Shelf Southeast of New England: M. H. Bothner and E. C. Spiker

War Gases as Olfactory Probes: D. W. Criswell et al.


Tumor Promoter TPA Mimics Irradiation Effects on the Cell Cycle of HeLa Cells: V. Kinzel, J. Richards, M. Stöhr

Chemical Mimicry as an Integrating Mechanism: Cuticular Hydrocarbons of a Termitophile and Its Host: R. W. Howard, C. A. McDaniel, G. J. Blomquist

Metabolism of Propachlor by the Germfree Rat: J. E. Bakke, J.-A. Gustafsson, B. E. Gustafsson

Acetylcholine Synthesis by Displaced Amacrine Cells: S. A. Hayden, J. W. Mills, R. M. Mastland


Specific Reading Disability: Differences in Contrast Sensitivity as a Function of Spatial Frequency: W. J. Lovegrove et al.

Catecholamine-Induced Alteration in Sedimentation Behavior of Membrane Bound β-Adrenergic Receptors: T. K. Harden et al.


Thermoregulation in Doves (Columbidae): A Novel Esophageal Heat Exchanger: S. L. L. Gaunt


MEETING

Gordon Research Conferences: 1981 Winter Schedule: A. M. Cruickshank

PRODUCTS AND MATERIALS

Graphic Computer; Immersion Circulator; Dye Laser; Electrical Safety and Performance Analyzer; Hysteroscope; Gas Analyzer; Campylobacter Isolation and Recovery; Literature.

COVER

Early spatial representation of the perceptual similarities between nine colors, obtained by a multidimensional scaling analysis of errors during paired-associate learning. The closeness of any two colors was determined by the frequency with which a response number ("one" through "nine") arbitrarily assigned to one color was mistakenly made to the other during learning. See page 390. [Roger N. Shepard, Department of Psychology, Stanford University, Stanford, California]