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EDITORIAL

Science and Public Understanding

ARTICLES

One Mars Year: Viking Lander Imaging Observations; K. L. Jones et al.

Science and Industry, Challenges of Antagonistic Interdependence: P. F. Drucker.

NEWS AND COMMENT

How to Assess Cancer Risks

Coral Reefs in Potential Conflict with Oil and Gas Development

Briefing: Japan-U.S. Cooperation on Energy R & D Agreed to; Different Route Accepted as Way to New Department; U.S. Geological Survey -- On the Map for 100 Years; On the Way to the Forum; Endangered Review Body Seems to Be in the Clear

More Help for the Mentally Ill

Viets and Vets Fear Herbicide Health Effects

Nonprofit Chronicle of Higher Education

RESEARCH NEWS

Toxic Waste Disposal a Growing Problem

New Breed of Telescope Born in Arizona

BOOK REVIEWS

Unification of Elementary Forces and Gauge Theories, reviewed by B. Holstein; Lakes, P. Kilham; Upwelling Ecosystems, M. M. Mullin; Chronometric Explorations of Mind, T. Shallice; Books Received

REPORTS


Stratospheric Wave Spectra Resembling Turbulence: E. M. Dewan

Effects of Raw Materials on Biface Manufacture: P. R. Jones

Direct Marine-Continental Correlation: 150,000-Year Oxygen Isotope-Pollen Record from the North Pacific: L. E. Heusser and N. J. Shackleton

Isolation and Characterization of an Endogenous Type C Virus of Rhesus Monkeys: H. Rabin et al.

β-Adrenergic-Sensitive Adenylate Cyclase in Secretory Cells of Choroid Plexus: J. A. Nathanson


Prolactin Receptors in Rana catesbeiana During Development and Metamorphosis: B. A. White and C. S. Nicoll.


Periodicity of Deoxyribonuclease I Digestion of Chromatin: A. Prunell et al.


Normal Anterior Endoderm Corrects the Heart Defect in Cardiac Mutant Salamanders (Ambystoma mexicanum): L. F. Lemanski, D. J. Paulson, C. S. Hill.

Intercellular Communication in Pancreatic Islet Monolayer Cultures: A Microfluorometric Study: E. Kohen et al.


β₁ and β₂-Adrenergic Receptors in Rat Cerebral Cortex Are Independently Regulated: K. P. Minneman et al.


Species-Specific Perceptual Processing of Vocal Sounds by Monkeys: S. R. Zoloth et al.


Binocularity in Kittens Reared with Optically Induced Squint: E. L. Smith III et al.


Centrifugal Freeze Dryer; Liquid Chromatography Module; VideoChart Recorder; Radioiodination for Proteins; Spectrophotometer; Methods Processor for Liquid Chromatography; Ultrasonic Cleaner for Pipettes and Glassware; Literature.

Cover

Predation of a monarch butterfly (Danaus plexippus L.) by a black-backed oriole (Icterus abeillei) from a cluster on a tree trunk at a recently discovered overwintering site of the monarch butterfly in Central Mexico. See page 847. [Photographs by George D. Lepp (Davis, California) at a 2-second interval using a Nikkor 400-millimeter lens, Norman telephoto strobe, and Kodachrome 64 film]