NEWS & COMMENT

Does NIH Shortchange Clinicians? 20

Chemistry: Underhanded ‘Breakthrough’ Revealed 21

CERN Puts LHC Approval on Hold 22

Defense Bill Targets Universities 22


A Parting Shot From a Closed Case

RESEARCH NEWS

Knockout Mice: Round Two 26

Researchers Devise a Master Gene Control Switch

New Proof Makes Light Work of Partial Latin Squares 29

UV-B Effects: Bad for Insect Larvae Means Good for Algae 30

Bets Range From Boom to Bust for Jovian Impacts

Finding Molecular Needles-in-a-Haystack 32

PERSPECTIVES

The Structure of Nature’s Solvent: Water 43

S. D. Colson and T. H. Dunning Jr.

Genes on the Wing 44

H. F. Nijhout

ARTICLE

Examining Nanoenvironments in Solids on the Scale of a Single, Isolated Impurity Molecule 46

W. E. Moerner

RESEARCH ARTICLE

Stimulation of GAL4 Derivative Binding to Nucleosomal DNA by the Yeast SWI/SNF Complex 53

J. Côté, J. Quinn, J. L. Workman, C. L. Peterson

DEPARTMENTS

THIS WEEK IN SCIENCE 9

EDITORIAL 11

LETTERS 13


SCIENCESCOPE 19

RANDOM SAMPLES 33

Viral Clues Add to the ALS Puzzle • Tracking

Ph.D. Trends • New Chief Named for Canadian Federal Labs • Kyoto Prizes in Math and Medical Imaging

QUARTERLY AUTHOR INDEX 61

BOOK REVIEWS 124

Surviving the Swastika and Science, Technology and National Socialism, reviewed by R. G. Stokes • Paleomagnetism of the Atlantic, Tethys and Iapetus Oceans, M. McWilliams • Biology of Fibrinous Composites, J. F. V. Vincent • Other Books of Interest • Vignettes • Books Received

PRODUCTS & MATERIALS 137

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An eyespot (2 mm across) on a *Precis coenia* (buckeye) butterfly wing. The size, color, and number of eyespots and other patterns are determined in the developing wing imaginal disc (a field of undifferentiated cells in the caterpillar) several days before the adult pattern appears. Genes involved in insect wing formation are expressed in various patterns in butterflies to create detailed patterns within the butterfly wings. See page 109 and the Perspective on page 44. (Photo: Steve Paddock)

## REPORTS

### Chemical Signature of the Superconducting Phase in the Nd- Ce-Cu-O System

### Size-Specific Infrared Spectra of Benzene-(H2O)n Clusters (n = 1 through 7): Evidence for Noncyclic (H2O)n Structures
R. N. Pribble and T. S. Zewior

### Deep Seismic Expression of an Ancient Plate Boundary in Europe
A. Zielhuis and G. Nolet

### Pseudotachylytes Generated During Seismic Faulting and Ecoligization of the Deep Crust
H. Austrheim and T. M. Boundy

### Magnetic Susceptibility of Molecular Carbon: Nanotubes and Fullerite

### Water on Mars: Clues from Deuterium/Hydrogen and Water Contents of Hydrous Phases in SNC Meteorites
L. L. Watson, I. D. Hutcheon, S. Epstein, E. M. Stolper

### Identification of the Target of a Transcription Activator Protein by Protein-Protein Photocrosslinking
Y. Chen, Y. W. Ebright, R. H. Ebright

### Mediation of Epstein-Barr Virus EBNA2 Transactivation by Recombination Signal-Binding Protein 
T. Henkel, P. D. Ling, S. D. Hayward, M. G. Peterson

### Magnetoreception in Honeybees
C.-Y. Hsu and C.-W. Li

## Ecosystem Response to Solar Ultraviolet-B Radiation: Influence of Tropospheric Interactions
M. L. Bothwell, D. M. J. Sherbot, C. M. Pollock

### Temperature and Water Viscosity: Physiological Versus Mechanical Effects on Suspension Feeding
R. D. Podolsky

### Deletion of a DNA Polymerase β Gene Segment in T Cells Using Type-Specific Gene Targeting
H. Gu, J. D. Marth, P. C. Orban, H. Mossmann, K. Rajewsky

### Regulation of MHC Class II Expression by Interferon-γ Mediated by the Transactivator Gene CIITA
V. Steimle, C.-A. Siegrist, A. Mottet, B. Lisowska-Grospiere, B. Mach

### Pattern Formation and Eyespot Determination in Butterfly Wings
S. B. Carroll, J. Gates, D. N. Keys, S. W. Paddock, G. E. F. Panganiban, J. E. Selegue, J. A. Williams

### Changes of Induction and Competence During the Evolution of Vulva Development in Nematodes
R. J. Sommer and P. W. Sternberg

### Suppression of Odorant Responses by Odorants in Olfactory Receptor Cells
T. Kurahashi, G. Lowe, G. H. Gold

## TECHNICAL COMMENTS

### Viral Tracing of Innervation
A. S. P. Jansen and A. D. Loewy; A. Standish, L. W. Enquist, J. S. Schwaber

### Hybrid Zones and Sexual Selection
R. K. Butlin and R. M. Neems; T. J. Parsons, S. L. Olson, M. J. Braun

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