1472 This Week in Science

Editorial
1473 Women in Science

Perspective
1475 PRC Science Students and Scholars Abroad: D. S. ZINBERG

Letters
1477 Behavioral Research and AIDS Prevention: W. W. Darrow ■ Significance of Frog in Amber: G. C. Mayer and J. D. Lazell, Jr.; G. O. Poinar, Jr., and D. C. Cannatella

News & Comment
1479 Fixing NIH: The 110% Solution
1481 Doubts Over Fermat Proof
1482 Briefing: Estimate of Foreign SSC Funds Draws Fire ■ Fail-Safe Mechanism on NSF Future Funding ■ More Money for Costa Rica’s Parks ■ Translation Service Throws in the Towel ■ Bonds Required for Tests ■ Ionson to Leave SDI Organization
1483 NAE Elects New Members
1484 Report Asks Upgrade of Military R&D Labs
1485 A Rebel Without a Cause of AIDS

Research News
1489 Stratospheric Ozone Is Decreasing ■ The Latest on the Antarctic Hole ■ A Cautionary Note
1491 Calculus: Crisis Looms in Mathematics’ Future
1493 Symposium Focuses on Genes in Development: Collagen Gene Mutations Cause Brittle Bones ■ Gap Juncitons Needed for Development ■ Dissecting Receptor Structures

Articles
1501 Formation of the Rocky Mountains, Western United States: A Continuum Computer Model: P. Bird
1508 Evolving Legal Standards for the Admissibility of Scientific Evidence: B. Black
COVER Harris' hawk family in the Los Medaños area of New Mexico. These young individuals, atypical of most birds, will remain in their natal area and associate with their parents and siblings for up to 3 years. This social behavior, to some extent, is linked to the formation and success of cooperative hunting "parties." See page 1525. [David A. Ponton, Mountain Route Box 93, Jemez Spring, NM 87025]

Reports

1521 Game Depletion Hypothesis of Amazonian Adaptation: Data from a Native Community: W. T. Vickers


1525 Cooperative Hunting in Harris' Hawks (Parabuteo unicinctus): J. C. Bednarz

1528 A New Order of Tertiary Zalambdodont Marsupials: M. Archer, S. Hand, H. Godthelp


1534 Reshaping Human Antibodies: Grafting an Antilysozyme Activity: M. Verhoeyen, C. Milstein, G. Winter

1536 Peroxisomal Membrane Ghosts in Zellweger Syndrome—Aberrant Organelle Assembly: M. J. Santos, T. Imanaka, H. Shio, G. M. Small, P. B. Lazarow


Book Reviews

1545 The Statue Within, reviewed by G. S. Stent — Consciousness and the Computational Mind, P. N. Johnson-Laird — The Biology and Evolution of Lungfishes, G. V. Lauder — The Neural and Molecular Bases of Learning — Books Received

Products & Materials

1551 FTIR Spectrometer — Plotting Software — Protein G — Compact pH Meter — Peptide-Synthesis System — Citation Index on Compact Disk — Culture System for Microscopy — Literature

Author Index to Volume 239 is found on pages I–X
Information for Contributors is found on pages XI–XII

Board of Directors

Sheila E. Widnall
President, Chairman

Walter E. Massey
President

Richard C. Atkinson
President-elect

Harold Amos
Mary E. Clutter
Eugene H. Cote-Robles
Mildred S. Dresselhaus
Beatris A. Hamburg
Donald N. Langenberg
Frank von Hippel
William T. Golden
Treasurer

Executive Officer

Ahlen W. Trivelpiece

Editorial Board

Elizabeth E. Bailey
David Baltimore
William F. Brinkman
Philip E. Converse
Joseph L. Goldstein
F. Clark Howell
James D. Idol, Jr.
Leon Knopoff
Oliver E. Nelson
Helen M. Ranney
David M. Raup
Howard A. Schneiderman
Larry L. Smarr
Robert M. Solow
James D. Watson

Board of Reviewing Editors

John Abeloff
Qais Al-Awqati
Don L. Anderson
Stephen J. Benkovic
Floyd E. Bloom
James J. Bull
Charles R. Cantor
Ralph J. Cicerone
Joseph M. Collin
Bruce F. Eldridge
Paul T. Englund
Theodore H. Geisler
Roger I. M. Glass
Stephen P. Gold

Robert B. Goldberg
Corey S. Goodman
Jack Gorski
Stephen J. Gould
Richard M. Held
Glorie Happner
Eric F. Johnson
Konrad B. Krauskopf
Charles S. Levinge III
Richard Lowick
Karl L. Magleby
Phiiippa Marrack
Joseph B. Martin
John C. McGuff
Moritmer Milchkin
Jr Novotny
Gordon H. Orians

Carl G. Pabo
John S. Pawe
Yeshayau Pocker
Jean Paul Revel
James E. Rothman
Daniel V. Sarni
Thomas C. Schelling
Ronald H. Schwartz
Otto T. Sobrig
Robert T. N. Tjian
Virginia Trimble
Geerat J. Vermeij
Harold Weintraub
Irving L. Weissman
George M. Whitesides
Owen N. Witte
William B. Wood