1171 This Week in Science

Editorial

1173 America Bashing

Letters


News & Comment

1177 NOAA Revived for the Green Decade
1180 Researchers Look Ahead to AIDS Meeting ■ AIDS Conference: Science or Circus? ■ Danforth Reapproached
1182 One Step Closer to Gene Therapy
1183 NSF Education Chief Lost in the Shuffle
1184 Briefings: Canine Genome Project ■ Brobdinagian Robot ■ Perils of Perestroika ■ Malaise Amid Russian Dreams ■ End of Bok Era ■ Repression in Sudan ■ Bad News from the Competitiveness Front

Research News

1186 Clusters: Strange Morsels of Matter ■ Clusters of Clusters: Double Strange
1188 Watching the Dietary Detectives
1189 Seeing the Unseeable
1190 Archimedes, Plato Make Millions for Big Oil!

Article

1194 Chiral Metal Complexes as Discriminating Molecular Catalysts: R. Noyori

Research Article


Reports

1209 A Two-Dimensional Analog VLSI Circuit for Detecting Discontinuities in Early Vision: J. G. Harris, C. Koch, J. Luo
1211 Structural and Electronic Role of Lead in (PbBi)2Sr2CaCu2O8 Superconductors by STM: X. L. Wu, Z. Zhang, Y. L. Wang, C. M. Lieber
cover  Polished surface of a submarine basalt breccia formed by explosions >1800 meters below sea level south of Japan. The clast on the right may be accidental but the surrounding matrix quenched and welded during the submarine eruption. The matrix consists of basalt glass shards with vesicles 0.1 to 0.2 millimeter in diameter. See page 1214. [Shipboard photograph by C. Galida, Ocean Drilling Program. Sample is ODP Leg 126 791B-66R-2, piece 1c; field of view is 1.2 centimeters by 1.8 centimeters.]


1217 A Comparison of the Contribution of Various Gases to the Greenhouse Effect: H. Rodhe

1219 Defensive Spray of the Bombardier Beetle: A Biological Pulse Jet: J. Dean, D. J. Aneshansley, H. E. Edgerton, T. Eisner

1221 Electrophoresis of Flexible Macromolecules: Evidence for a New Mode of Transport in Gels: D. L. Smisek and D. A. Hoagland


1227 Normal Development of Mice Deficient in β2M, MHC Class I Proteins, and CD8+ T Cells: B. H. Koller, P. Marrack, J. W. Kappler, O. Smithies


Book Reviews

1241 Science, Technology, and Reparations, reviewed by R. G. Strokes ■ Sickness, Recovery and Death, D. S. Smith ■ Teaching the History of Science, K. M. Olesko ■ Books Received

Products & Materials

1246 Inverted Microscope and Micromanipulator ■ Workstation for Cell Motility and Morphometry Study ■ Thermomixer Incubates and Mixes Samples ■ Columns for Monoclonal Antibody Purification ■ Literature

Board of Directors
Richard C. Atkinson, Chairman
Rating President
Dennis A. Powers
Chairman
Eugene H. Cota-Robles
President
Donald N. Langenberg
President-elect
Leon M. Lederman
Executive Officer
Richard S. Nicholson
Mary Ellen Avery
Tuesday S. Ayala
Eugene H. Cota-Robles
Robert A. Frosh
Joseph G. Gavrin, Jr.
John H. Gibbons
Beatriz A. Hamburg
Florence P. Haseltine
William C. Gorden
Treasurer
Richard S. Nicholson
Executive Officer

Editorial Board
Elizabeth E. Bailey
David Baltimore
William F. Brinkman
E. Margaret Burbidge
Pierre-Gilles de Gennes
Joseph L. Goldstein
Mary L. Good
F. Clark Howell
James D. Idol, Jr.
Leon Knopoff
Oliver E. Nelson
Yasutomi Nishizuka
Hein M. Ranney
David M. Raup
Howard A. Schneiderman
Larry L. Smarr
Robert M. Solow
James D. Watson

Board of Reviewing Editors
John Abelson
Don L. Anderson
Stephen J. Benkovic
Gunter K-J Blobel
Floyd E. Bloom
Henry R. Bourne
James J. Bull
Kathryn Calame
Charles R. Cantor
Ralph J. Carelone
John M. Coffin
Robert Dornman
Bruce F. Eldridge
Paul T. Englund
Fredric S. Fay
Harry A. Fozzard
Theodore H. Gearty
Roger L. Glaubisch
Stephen P. Gold
Corey S. Goodman
Stephen J. Gould
Eric F. Johnson
Stephen M. Kostalyn
Konrad B. Krauskopf
Charles S. Levings
Richard Losick
Joseph B. Martin
John C. O'Neill
Anthony R. Means
Hollister M. Mistich
Roger A. Nicoll
William H. Orme-Johnson
Carl G. Pabo
Yeshayahu Pocker

JUNE 1990 TABLE OF CONTENTS 1169

Downloaded from http://science.sciencemag.org on July 14, 2017
Science 248 (4960), 1171-1246.