Editorial
281 Planetary Fluids

Perspective
283 Sodium-Calcium Exchange in Excitable Cells: Fuzzy Space: W. J. Lederer, E. Niggli, R. W. Hadley

Letters

News & Comment
292 Stanford Erupts Over Indirect Costs
295 East Germany Struggles to Clean Its Air and Water
296 NIH: The Endless Search
297 Scientific Misconduct Cases Revealed
Bromley Promises Small Science Focus
298 Gordon & Breach Impanels a Journal Jury
299 How the United States Stacks Up in Key Technologies

Research News
300 A Generational Rift in Geophysics • Not So Irreconcilable Differences?
303 Is AIDS Dementia Due to Increases in Calcium?
304 Polymer Chemists Are Having a ROMP
305 "Hairy Enzymes" Stay in the Blood
306 Briefings: Update: RU 486 • Math Students Needed • Ordinary Is Beautiful • AIDS Meeting: Visas • The Dimmest "Star" • Social Science: NSF's Poor Relation • Changing U.S. Demography • Truth in Labeling

Articles
308 Atmospheric Dynamics of the Outer Planets: A. P. Ingersoll
316 The Dynamics of the Oceanic Subtropical Gyres: J. Pedlosky
323 Scales and Effects of Fluid Flow in the Upper Crust: L. M. Cathles III
329 Fluid Processes in Subduction Zones: S. M. Peacock
337 Mantle Oxidation State and Its Relationship to Tectonic Environment and Fluid Speciation: B. J. Wood, L. T. Bryndzia, K. E. Johnson
345 Paleomagnetism and the Nature of the Geodynamo: R. T. Merrill and P. L. McFadden

SCIENCE is published weekly on Friday, except the last week in December, and with a supplement in March by the American Association for the Advancement of Science, 1333 H Street, NW, Washington, DC 20005. Second-class Non-profit postage (publication No. 484460) paid at Washington, DC, and at an additional entry. Copyright © 1990 by the American Association for the Advancement of Science. The title SCIENCE is a registered trademark of the AAAS. Domestic individual membership and subscription (51 issues): $75. Domestic institutional subscription (51 issues): $120. Foreign postage extra: Canada $46, other (surface mail) $45, air mail via Amsterdam $85. First class, airmail, school-year, and student rates on request. Single copy sales: Current issue, $3.50; back issues, $5.00. Biotechnology issue, $6.00 (for postage and handling, add per copy 50 U.S., $1.00 all foreign); Guide to Biotechnology Products and Instruments, $20 (for postage and handling add per copy $1.00 U.S., $1.50 Canada, $2.00 all foreign). Bulk rates on request. Authorization to photocopy material for internal or personal use under circumstances not falling within the fair use provisions of the Copyright Act is granted by AAAS to libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of $1 per copy plus $.10 per page is paid directly to CCC, 22 Congress Street, Salem, Massachusetts 01970. The identification code for Science is 0036-8075/90 $1 + .10. Change of address: allow 6 weeks, giving old and new addresses and 11-digit account number. Postmaster: Send Form 3579 to Science, P.O. Box 1723, Riverton, NJ 08077. Science is indexed in the Reader's Guide to Periodical Literature and in several specialized indexes.

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The Champagne Pool, named for its CO₂ bubbles, provides an interesting window into fluid processes beneath Waiotapu, the largest area of surface thermal activity in New Zealand. The pool occupies a 900-year-old hydrothermal explosion crater. Evaporation cools the surface waters from 100°C to about 75°C, producing the steam. Amorphous silica, blown by the wind to the sides, settles as an orange coating that contains 80 parts per million of gold and 175 parts per million of silver. See page 323. [Photograph by L. M. Cathles]
Science 248 (4953), 279-391.

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