NEWS

Guarding Against Internet Intruders 608
Learning to Live With a Fire Wall 609
Chechnya War Threatens Science 610
NAS to Lose Contract for A-Bomb Study 611
Fishermen Threaten Galápagos 611
Is the World Warming or Not? 612
Walker Bill to Boost Hydrogen Sparks 613
Democratic Grumbling 614
Painted Puzzles Line the Walls of an 614
Ancient Cave

SPECIAL NEWS REPORT

Protein Images Update Natural History 620
Now Even Weaklings Can Image Proteins! 620
Industrial-Strength Protein Structures 622

POLICY FORUM

Rexexamining AIDS Research Priorities 633
W. E. Paul

PERSPECTIVE

Explosive Evolution in Tertiary Birds 637
and Mammals
A. Feduccia

ARTICLE

Ocean Tides for and from 639
TOPEX/POSEIDON
C. Le Provost, A. F. Bennett, D. E. Cartwright

RESEARCH ARTICLE

Aminoacyl-RNA Synthesis 643
Catalyzed by an RNA
M. Illangasekare, G. Sanchez, T. Nickles, M. Yarus

REPORTS

Metal Ions in the Atmosphere of Neptune 648
J. R. Lyons

DEPARTMENTS

THIS WEEK IN SCIENCE 597
EDITORIAL 599
LETTERS 601
E. coli Sequencing: J. C. Venter; R. Haselkorn • NSF
FastLane Goals: A. C. Petersen • Shelter After Earth-
quakes: B. Wattenberg • Risk Assessments of Low-
Level Exposures: S. J. Smith, A. T. Chen, S. P.
Caudill, S. F. Wetterhall, L. E. Sever; J. D. Mann •
Other Lipopeptides: J. Y. Takeno, A. Ballio, A.
Isogai

SCIENTESCOPE

RANDOM SAMPLES 618
BOOK REVIEWS 712
Sexual Selection, reviewed by M. J. Ryan • Die Kunst
von Phonons, A. A. Maradudin • Vignettes • Other Books
of Interest • Books Received

GORDON RESEARCH CONFERENCES 716
PRODUCTS & MATERIALS 732

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Magnetic field intensity map at the surface of a thin-film niobium superconductor after a change in the external field. In the darker (gray) areas the field intensity remained frozen, but the lighter regions (light gray to purple to red) experienced increasing degrees of change. The regions of greatest change, according to theory, should have been at the edges of the sample (top and bottom). The photo was chosen from submissions from scientists chairing the 1995 Gordon Conferences. For information on this year’s Gordon Conferences, see page 716. [Photo: C. A. Duran, P. L. Gammel, R. E. Miller, and D. J. Bishop at AT&T Bell Laboratories]
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