NEWS

Scaling Down Planetary Science 1244
Clash With Billionaire Costs Anthropology 1247 Institute Dearly
England's Oldest Human Bone Steps Out 1248
Mathematical Logic: Pinning Down a Treacherous Border in Logical Statements
Atmospheric Scientists Puzzle Over High-Altitude Flashes
Molecular Evolution: Archaea and Eukaryotes Grow Closer
Biologists Sort the Lessons of Fisheries Collapse

PERSPECTIVE

Giant Predators from the Cambrian of China
D. E. G. Briggs

ARTICLE

A New Look at Proton Transfer Dynamics Along the Hydrogen Bonds in Amides and Peptides
G. J. Kearley, F. Fillaux, M.-H. Baron, S. Bennington, J. Tomkinson

RESEARCH ARTICLE

Antibody Catalyzed Cationic Cyclization T. Li, K. D. Janda, J. A. Ashley, R. A. Lerner

REPORTS

Orientalian Disorder of C60 in Li8CsC60 I. Hirotsawa, K. Prassides, J. Mizuki, K. Tanigaki, M. Gevaert, A. Lappas, J. K. Cockcroft
Critical Behavior in the Satisfiability of Random Boolean Expressions S. Kirkpatrick and B. Selman
Reconciling Short Recurrence Intervals with Minor Deformation in the New Madrid Seismic Zone E. S. Schweig and M. A. Ellis
Mechanism of Catalytic Oxygenation of Alkanes by Halogenated Iron Porphyrins M. W. Grinstaff, M. G. Hill, J. A. Labinger, H. B. Gray

DEPARTMENTS

THIS WEEK IN SCIENCE
EDITORIAL
Science in Russia
LETTERS
Women in Science: Cultural Comparisons: I. Furó; W. J. Megaw; S. Badilescu; K. Haydock; J. Perez
SCIENCESCOPE

RANDOM SAMPLES

BOOK REVIEWS

Special Tasks, reviewed by D. Holloway • The Making of a Soviet Scientist, G. Grelchik • Early Stages in the Evolution of Mesopotamian Civilization, T. C. Young Jr. • Vignettes • Books Received

INSIDE AAAS

PRODUCTS & MATERIALS

1230 • VOL. 264 • 27 MAY 1994