NEWS & COMMENT

Measuring What Works in Health Care 1080
Academic Medicine's Stake in Health Care Reform

Russia Seen Poised to Drop Prosecution of Chemist 1083

AAAS Meeting: Losing Friends and Influencing Policy 1084

Science Editor to Resign 1084

Lane Holds to the Middle in Debate Over NSF's Future 1085

Phosphorus Fingered as Coral Killer 1086

RESEARCH NEWS

Rewriting—and Redating—Prehistory 1087

A Glimmer of Hope for Coastal Migration 1088

Iron Fertilization: A Tonic, but No Cure for the Greenhouse 1089

DEPARTMENTS

THE WEEK IN SCIENCE 1069

EDITORIAL

Strategic Goals on an NIH Model 1071

LETTERS

Animal Rights and Radical Politics: A. R. Morrison; H. Hertzog; Pork Barrel Funding an Embarrassment: G. E. Laramore; C. Anderson • Safety in Quarks?: A. Kramish 1073

SCIENCESCOPE 1079

RANDOM SAMPLES 1094

Buffering Japan's Science From Recession • Antioxidants and Longevity • Alcohol Tolerance: Danger Sign • Biotech Foils a Deadly Grape Virus • Microscopic Breakthrough, etc.

AAAS MEETINGS 1100

19th Annual AAAS Colloquium on Science and Technology Policy, 6–8 April 1994, Washington, DC • Preliminary Program • Advance Registration Form • Hotel Registration Form

BOOK REVIEWS 1161

The Biophilia Hypothesis, reviewed by C. S. Fischer • Critical Assembly, R. Peierls • Biotechnology in Plant Disease Control, N. K. Van Alfen • The Cell Cycle, F. R. Cross and K. Levine • Vignettes • Books Received

INSIDE AAAS 1168

PRODUCTS & MATERIALS 1172

Theoretical Ecology: Winning Its Spurs in the Real World 1090

Atom Beams Split by Gentle Persuasion 1092

Researchers Find New Role for Cell Cycle Proteins 1093

PERSPECTIVES 1102

Thinking About Prozac
S. H. Barondes

Duality of TBP, the Universal Transcription Factor • K. Struhl

ARTICLE

Trench-Parallel Flow Beneath the Nazca Plate from Seismic Anisotropy • R. M. Russo and P. G. Silver 1105

1105

Mapping mantle flow

1087 & 1118

Java fossil redates human history

1066