

478

Caged plasma

NEWS & COMMENT

Bacterial Genome Sequence Bagged **468**
Homing In on the Human Genome **469**

R&D Budget Takes Shape in Congress, **471**
Piece by Piece

Building a Wall Against Toxic Waste **473**

From Russia With Love: U.S. Cloud Data **473**

Japan Picks First Centers of Excellence **474**

RESEARCH NEWS

“Obese” Protein Slims Mice **475**

New Foot Steps Into Walking Debate **476**

At Quadrennial Geophysics Fest, **477**
Earth Scientists Think Globally

Researchers Build a Secure Plasma Prison **478**
A Reprieve for Princeton Tokamak? **479**

Developmental Biology: In Toulouse, **480**
the Weather—and the Science—Are Hot

PERSPECTIVE

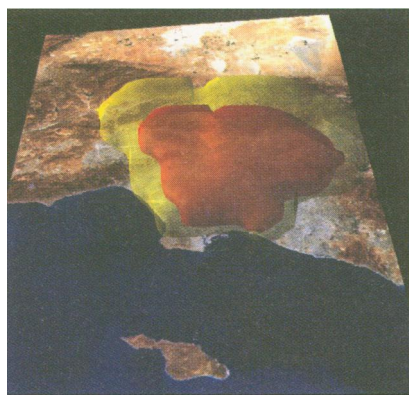
One Signal, Two Body Axes **489**
K. Anderson

ARTICLE

Urban Ozone Control and Atmospheric **491**
Reactivity of Organic Gases
A. Russell, J. Milford, M. S. Bergin, S. McBride,
L. McNair, Y. Yang, W. R. Stockwell, B. Croes

RESEARCH ARTICLE

Whole-Genome Random Sequencing **496**
and Assembly of *Haemophilus influenzae* Rd
R. D. Fleischmann, M. D. Adams, O. White,
R. A. Clayton, E. F. Kirkness, A. R. Kerlavage,
C. J. Bult, J.-F. Tomb, B. A. Dougherty, J. M.
Merrick, K. McKenney, G. Sutton, W. FitzHugh,
C. Fields, J. D. Gocayne, J. Scott, R. Shirley,
L.-I. Liu, A. Glodek, J. M. Kelley, J. F. Weidman,
C. A. Phillips, T. Spriggs, E. Hedblom, M. D.
Cotton, T. R. Utterback, M. C. Hanna, D. T.
Nguyen, D. M. Saudek, R. C. Brandon, L. D.
Fine, J. L. Fritchman, J. L. Fuhrmann, N. S. M.
Geoghagen, C. L. Gnehm, L. A. McDonald, K. V.
Small, C. M. Fraser, H. O. Smith, J. C. Venter



491

Clearing the air

DEPARTMENTS

THIS WEEK IN SCIENCE **457**

EDITORIAL **459**
A Paine-ful Start

LETTERS **461**
Soil Erosion Estimates and Costs: P. Crosson; D.
Pimentel, C. Harvey, P. Resosudarmo, K. Sinclair,
D. Kurz, M. McNair, S. Crist, L. Shpritz, L. Fitton,
R. Saffouri, R. Blair

SCIENCESCOPE **467**

RANDOM SAMPLES **483**

Deliberate Poisoning at NIH? • Blood Woes in
Canada • Stop Worrying and Love the Bomb •
Ocean Crackup

BOOK REVIEWS **565**

*Rethinking Objectivity and Telling the Truth About
History*, reviewed by P. Forman • Vignettes •
Books Received • Publishers' Addresses

INSIDE AAAS **572**

PRODUCTS & MATERIALS **576**

Board of Reviewing Editors

Frederick W. Alt
Don L. Anderson
Michael Ashburner
Stephen J. Benkovic
David E. Bloom
Piet Borst
Henry R. Bourne
Michael S. Brown
James J. Bull
Kathryn Calame

C. Thomas Caskey
Dennis W. Choi
John M. Coffin
F. Fleming Crim
Paul J. Crutzen
James E. Dahlberg
Robert Desimone
Paul T. Englund
Richard G. Fairbanks
Douglas T. Fearon

Harry A. Fozzard
Klaus Friedrich
Theodore H. Geballe
Roger I. M. Glass
Stephen P. Goff
Peter N. Goodfellow
Corey S. Goodman
Ira Herskowitz
Tomas Hökfelt
Eric F. Johnson

Stephen M. Kosslyn
Michael LaBarbera
Nicole Le Douarin
Charles S. Levings III
Alexander Levitzki
Harvey F. Lodish
Richard Losick
Reinhard Lührmann
Diane Mathis
Anthony R. Means

Shigetada Nakanishi
Roger A. Nicoll
Stuart L. Pimm
Yeshayau Pocker
Dennis A. Powers
Ralph S. Quatrano
V. Ramanathan
Douglas C. Rees
T. M. Rice
David C. Rubie

Erkki Ruoslahti
Gottfried Schatz
Jozef Schell
Ronald H. Schwartz
Terrence J. Sejnowski
Ellen Solomon
Thomas A. Steitz
Michael P. Stryker
Robert T. N. Tjian
Emil R. Unanue

Geerat J. Vermeij
Bert Vogelstein
Arthur Weiss
Zena Werb
George M. Whitesides
Owen N. Witte
William A. Wulf