This Week in Science

Credibility in Science and the Press

Biology and Homosexuality: T. A. Schoenfeld; J. M. Carrier and G. Gellert; S. LeVay
Artificial Heart Development: A Long Effort: G. T. Harrell

Preempting a radiation study; preparing for the census of the future; etc.

Pork: Washington's Growth Industry
Yesterday's Pork Projects: Where Are They Now?
Neuroscience at Risk at NSF
Iraq's Bomb Program: A Smoking Gun Emerges
How Much Uranium?
Ozone Loss Hits Us Where We Live
Moths Take the Field Against Biopesticide
AIDS Vaccine Meeting: International Trials Soon
Briefings: New Obstacle for Foreign Scientists
Oh, for a Normal Brain!
Science Gamesmanship
Chatting With ETs
Looking 40 Years Ahead on Energy
“All the [Science] That's Fit to Print”
Errata

Playing Tag With Membrane Proteins
Could the Sun Be Warming the Climate?
GE Achieves Dial-an-Isotope Diamonds
The Secret of Saltiness
How Plants Cope With Stress
Supercomputer Voyages to the Southern Seas

“Five Easy Pieces”: P. A. Sharp

Gas-Phase Inorganic Chemistry: Monovalent Derivatives of Calcium and Strontium: P. F. Bernath
Stress Fields of the Overriding Plate at Convergent Margins and Beneath Active Volcanic Arcs: K. D. Apperson

Molecular Basis of Gating Charge Immobilization in Shaker Potassium Channels:
F. Bezanilla, E. Perozo, D. M. Papazian, E. Stefani

Latitudinal and Longitudinal Oscillations of Cloud Features on Neptune:
L. A. Sromovsky
In Situ Scanning Tunneling Microscopy of Corrosion of Silver-Gold Alloys:
I. C. Oppenheim, D. J. Trevor, C. E. D. Chidsey, P. L. Trevor, K. Sieradzki
Early Cambrian Foraminifera from West Africa:
S. J. Culver
**Technical Comment**

**Book Reviews**

**Products & Materials**

**CONTENTS**

692 Potential Magnitude of Future Vegetation Change in Eastern North America: Comparisons with the Past. J. T. Overpeck, F. J. Bartlein, T. Webb III

695 Synorogenic Collapse: A Perspective from the Middle Crust, the Proterozoic Grenville Orogen. K. Mezger, B. A. van der Pluijm, E. J. Essene, A. N. Halliday

698 Length of the Solar Cycle: An Indicator of Solar Activity Closely Associated with Climate. E. Friis-Christensen and K. Lassen

701 First Fossil Hagfish (Myxinoidea): A Record from the Pennsylvania of Illinois. D. Bardack

703 Calcium Gradients Underlying Polarization and Chemotaxis of Eosinophils. R. A. Brundage, K. E. Fogarty, R. A. Tuft, F. S. Fay

707 Generation and Analysis of Interleukin-4 Deficient Mice. R. Köhn, K. Rajewsky, W. Müller

710 An Inducible Delm-Forming Plasm of Enteropathogenic Escherichia coli: J. A. Girón, A. S. Y. Ho, G. K. Schoolnik


724 The Anion Paradox in Sodium Taste Reception: Resolution by Voltage-Clamp Studies. Q. Ye, G. L. Heck, J. A. Desimone


1 NOVEMBER 1991