This Week in Science

United States Trade

SDI Survey: S. Soter ■ Nuclear Winter Debate: C. Covet; B. Heinrich; J. T. Bohanon; A. H. Ehrlich, P. R. Ehrlich, H. A. Mooney; R. Seitz; E. Marshall

Osteoporosis Reexamined: Complexity of Bone Biology Is a Challenge
Textbook Credits Bruise Psychiatrists' Ego
The SSC's Price Tag Troubles Congress
Teacher Certification Program Under Way
Treaty Compliance Rated Good
Alvin Trivelpiece of DOE Is Named New Executive Director of AAAS
BioTechnica Tests EPA Review Process
Briefing: EPA Okays Field Test

Bright Synchrotron Sources Evolve
Histocompatibility Restriction Explained
Do-It-Yourself Universes
Defect in Alzheimer's Is on Chromosome 21

Seabed Materials: J. M. Broadus
Covalent Group IV Atomic Clusters: W. L. Brown, R. R. Freeman, K. Raghavachari, M. Schütter


Dianon Stabilization by (M(C3(CH3)5)2)+: Theoretical Evidence for a Localized Ring in (DDQ)²+: J. S. Miller and D. A. Dixon
**Cover**  A color graphic display of an optical density scan of prefrontal cortex from a cynomolgus monkey, hybridized with a RNA probe transcribed from complementary DNA clone AAm4 coding for Alzheimer β amyloid polypeptide. Each color represents an optical density range of grain clusters, with red as highest, green as intermediate, and blue as lowest density. See page 873. [Graphic provided by John H. Morrison, Gerald A. Higgins, David A. Lewis, and Michael C. Wilson, Scripps Clinic and Research Foundation, La Jolla, CA 92037; and Sina Bahmanyar, Dmitry Goldgaber, S. K. Shankar, and D. Carleton Gajdusek, National Institutes of Health, Bethesda, MD 20205; computer software (E.M.M.A.) by Warren Young and Mark Shin, Scripps Clinic and Research Foundation]

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### Book Reviews

**Annual Meeting:** Call for Symposium Proposals

**Distributional Conflicts in Environmental-Resource Policy, reviewed by H. Etzkowitz**

**My Daughter Beatrice, G. R. Knapp**

**The Consequences of Chromosome Imbalance, R. S. Sparkes**

**Prehistoric Hunter-Gatherers in Japan, D. K. Charles**

**Books Received**

### Products & Materials

**Flicker-Fusion Apparatus**

**Bibliographic Software**

**Image Analysis System**

**DNA Synthesizer**

**Scientific Graphics Software**

**Molecular Modeling Software**

**Color-Coded Glass Pipettes**

**Literature**