**Editorial**

1053 The Software Review Section

**Perspective**

1054 The Search for the Cystic Fibrosis Gene: R. White

**Letters**

1056 Retraction of Data: C. Milanesi, N. E. Richardson, E. L. Reinherz • Ballistic Missile Defense: Cost of Space-Based Laser: W. Leontief; M. I. Hoffert and G. Miller; G. Field and D. Spergel • ICSU General Assembly: J. Marton-LeFèvre • Spanking and Rationality: C. A. Clark

**News & Comment**

1063 Scientists Get Flak Over Diet Plan
1065 Arms Control: Modest But Neutral Record
1066 Involuntary Smokers Face Health Risks
1067 Russians Querying U.S. Sovietologists Xerox Launches Learning Institute
1068 Preliminary Agreement Reached on U.S.-Soviet Space Cooperation Overseas Field Tests Under Fire
1069 Harvard Researchers Retract Data in Immunology Paper
1070 France to Produce Binary Weapons? Briefing: Visions of Sugarplums • Grant Aftershocks • Industrial R&D Slowing • Glittering Prize

**Research News**

1071 In Ecology, Change Brings Stability • Zoos and Botanical Gardens
1074 Is Diamond the New Wonder Material?
1076 Maleness Pinpointed on Y Chromosome

**AAAS Meetings**

1078 Annual Meeting: Chicago, 14–18 February 1987 • Advance Registration Form

**Articles**

1081 Metabolite Transfer via Enzyme-Enzyme Complexes: D. K. Srivastava and S. A. Bernhard
1087 Venus: Dead or Alive?: H. A. Taylor, Jr., and P. A. Cloutier
1094 Assessing the Accuracy of Polls and Surveys: P. E. Converse and M. W. Traugott

---

SCIENCE is published weekly on Friday, except for the last week in December, and with an extra issue in February by the American Association for the Advancement of Science, 1333 H Street, NW, Washington, DC 20005. Second-class postage (publication No. 484460) paid at Washington, DC, and at an additional entry. Copyright © 1986 by the American Association for the Advancement of Science. The title SCIENCE is a registered trademark of the AAAS. Domestic individual membership and subscription (51 issues): $65. Domestic institutional subscription (51 issues): $96. Foreign postage extra: Canada $24, other (surface mail) $27, airmail via Amsterdam $66. First class, air mail, school year, and student rates on request. Single copies $2.50 ($3 by mail); back issues $4 ($4.50 by mail); Biotechnology issue, $5.50 ($6 by mail); classroom rates on request; Guide to Biotechnology Products and Instruments $16 ($17 by mail); Change of address: allow 8 weeks, giving old and new addresses and seven-digit account number. Authorization to photocopy material for internal or personal use, under circumstances not falling within the fair use provisions of the Copyright Act is granted by AAAS to libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of $1 per copy plus $0.10 per page is paid directly to CCC, 21 Congress Street, Salem, Massachusetts 01970. The identification code for Science is 0036-8075/83 $1 + .10. Postmaster: Send Form 3579 to Science, 1333 H Street, NW, Washington, DC 20005. Science is indexed in the Reader's Guide to Periodical Literature and in several specialized indexes.

The American Association for the Advancement of Science was founded in 1848 and incorporated in 1874. Its objects are to further the work of scientists, to facilitate cooperation among them, to foster scientific freedom and responsibility, to improve the effectiveness of science in the promotion of human welfare, and to increase public understanding and appreciation of the importance and promise of the methods of science in human progress.
Research Articles
1099 Efficient Trans-Splicing of a Yeast Mitochondrial RNA Group II Intron Implicates a Strong 5′ Exon–Intron Interaction: A. JACQUIER and M. ROSBASH

Reports
1105 Antarctica: Measuring Glacier Velocity from Satellite Images: B. K. LUCCHITTA and H. M. FERGUSON
1108 Three-Dimensional Structure of Favin: Saccharide Binding–Cyclic Permutation in Leguminous Lectins: G. N. REEKE, JR., and J. W. BECKER
1111 Reversible Interconversion of Two Forms of a Valyl-tRNA Synthetase–Containing Protein Complex: S. BLACK
1114 Long-Term Downward Trend in Total Solar Irradiance: R. C. WILLSON, H. S. HUDSON, C. FROHLICH, R. W. BRUSA
1117 Pertussis Toxin-Sensitive Pathway in the Stimulation of c-myc Expression and DNA Synthesis by Bombesin: J. J. LETTERIO, S. R. COUGHLIN, L. T. WILLIAMS

Technical Comments

Book Reviews
1131 Health Policies, Health Politics, reviewed by K. M. LUDMERER • The Poisonous Cloud, J. H. MORROW, JR. • Migrations in Prehistory, F. IKAWA-SMITH • The Peoples of Southern Africa and Their Affinities, H. HARPENDING • Books Received

Software Reviews
1135 Microcomputers and Phylogenetic Analysis: W. L. FINK

Products & Materials
1140 Hard Disk Utility Program • Scientific Box Furnaces • Cylindrical Refrigerator • Waveform Recorder • Sequence Analysis Software • Modular FTIR Spectrometer • Literature
Editor's Summary

This copy is for your personal, non-commercial use only.

Article Tools  Visit the online version of this article to access the personalization and article tools:
http://science.sciencemag.org/content/234/4780

Permissions  Obtain information about reproducing this article:
http://www.sciencemag.org/about/permissions.dtl