643 This Week in Science

**Editorial**

645 The Underside of Overhead

**Letters**

661 Health Care Rationing: P. R. Wolfe; W. Higgins; W. G. Guntheroth; R. Crawshaw; H. Aaron and W. B. Schwartz

**News & Comment**

672 Struggling to Do Science for Society
674 Learning to Drink from a Fire Hose
676 Dingell: AIDS Researcher in Conflict
677 U.S. Math Still in Poor Health
678 Billion-Dollar Orphans: Prescription for Trouble

**Research News**

682 Mycoplasmas in the AIDS Spotlight
684 Sunspot-Weather Link Is Down But Not Out
685 “Superantigens” May Shed Light on Immune Puzzle

**Articles**

697 Numerical Transforms: R. N. Bracewell
705 The Staphylococcal Enterotoxins and Their Relatives: P. Marrack and J. Kappler

**Research Article**


---

**Note:**

- SCIENCE is published weekly on Friday, except the last week in December, and with a supplement in March by the American Association for the Advancement of Science, 1333 H Street, NW, Washington, DC 20005. Second-class non-profit postage (publication No. 484460) paid at Washington, DC, and at an additional entry. Copyright ©1990 by the American Association for the Advancement of Science. The title SCIENCE is a registered trademark of the AAAS. Domestic individual membership and subscription ($1 issues): $75. Domestic institutional subscription ($1 issues): $120. Foreign postage extra: Canada $46, other (surface mail) $46, air mail via Amsterdam $85. First class, airmail, school-year, and student rates on request. Single copy sales: Current issue, $3.50; back issues, $5.00; Biotechnology issue, $6.00 (for postage and handling, add per copy $0.50 U.S., $1.00 all foreign). Guide to Biotechnology Products and Instruments, $20 (for postage and handling add per copy $1.00 U.S., $1.50 Canada, $2.00 other foreign). Bulk rates on request. 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 page plus $0.10 per page is paid directly to CCC, 27 Congress Street, Salem, Massachusetts 01970. The identification code for Science is 0036-8075/83 $1 + .10. Change of address: allow 6 weeks, giving old and new addresses and 11-digit account number.

Postmaster: Send Form 3579 to Science, P.O. Box 1723, Riverton, NJ 08077. 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 objectives 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, to advance education in science, and to increase public understanding and appreciation of the importance and promise of the methods of science in human progress.
The hypothesis that endangered green turtles (*Chelonia mydas*) return to their natal beach to nest is supported by restriction fragment analysis of mitochondrial DNA. Thirty or more years may elapse before these high-seas travelers make their first return migration. Reproductive colonies are likely to be demographically independent and consequently must be managed on a colony-specific basis. See page 724. [Photograph by Anne B. Meylan]