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SCIENCE is published weekly on Friday, except 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. 484465) paid at Washington, DC, and at an additional entry. Now combined with The Scientific Monthly Copyright © 1968 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): $66. Foreign postage extra: Canada $32, other (surface mail) $29, air-surface via Amsterdam $56, First class, air-mail, school-year, and student rates on request. Single copies $3.00 ($25.00 by mail); back issues $4.50 ($5.00 by mail); Biotechnology issue, $4.50 ($6 by mail); classroom rates on request: Guide to Biotechnology Products and Instruments $16 ($17 by mail). Change of address: allow 6 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 foster 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.
St. Kevin Gulch, a mountain stream near Leadville, Colorado, which receives acidic, metal-enriched drainage from an abandoned mine. Hydrous iron oxides impart the bright orange color to the stream; photoreduction of these oxides and dissolved ferric iron causes large increases in dissolved ferrous iron, Fe(II), during the day. See page 637. [Kenneth E. Bencala, U.S. Geological Survey, Menlo Park, CA]