The American Association for the Advancement of Science

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SCIENCE (ISSN 0036-8075) is published weekly on Friday, except the last week in December, by the American Association for the Advancement of Science, 1533 H Street, NW, Washington, DC 20005. Second-class postage (publication No. 48446) paid at Washington, DC, and additional mailing offices. Copyright © 1991 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): $82. Domestic institutional subscription (51 issues): $150. Foreign postage extra: Canada $46, other (surface mail) $46, air freight $90. First class, airmail, school-year, and student rates on request. Canadian GST Number: Pending. Change of address: allow 6 weeks, giving old and new addresses and 11-digit account number. Postmaster: Send change of address to Science, P.O. Box 1723, Riverton, NJ 08077. Single copy sales: $6.00 per issue prepaid includes surface postage. Guide to Biotechnology Products and Instruments $20. 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 copy 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 $1.10. Science is indexed in the Reader's Guide to Periodical Literature and in several specialized indexes.

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COVER  A 10 by 10 micrometer “layer silicate” interplanetary dust particle collected from the stratosphere by the NASA Johnson Space Center Cosmic Dust Collection Program. Data from analytical electron microscopic studies establish that some (and potentially all) interplanetary dust particles of the “layer silicate” subset are derived from asteroids. See page 549. [Scanning electron micrograph by J. P. Bradley; image processing by J. Barabe and S. Kilbourne]

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