## SCIENCE'S COMPASS

studying objects of such antiquity on Earth is impossible.

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#### References

- For general information, see the following Web sites: www.ciw.edu/lrn/ and www.soest.hawaii.edu/ PSRdiscoveries/July97/Stardust.html
- Astrophysical Implications of the Laboratory Study of Presolar Materials (AIP Conference Proceedings no. 402), St. Louis, MO, 31 October to 2 November 1996; T. J. Bernatowicz and E. Zinner, Eds. (AIP, New York, 1997).

# Response

When I wrote the Essay, I feared a reaction of this kind because of something I might omit, either through lack of space or oversight. Although I mentioned the importance of meteoritics in the development of our current understanding of the solar system, I did not talk about the preservation of small particles that predate solar system formation, and Clayton is right to remind us of this important, remarkable, and undisputed development. His comments are appreciated.

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### **CORRECTIONS AND CLARIFICATIONS**

Perspectives: (Science's Compass, 21 Apr.). The Perspective enhanced online for this issue was "Marking time for a kingdom" by M. W. Young (p. 451), not the Perspective by C. K. Ober.

Table of Contents: (14 Apr., p. 221). A word was omitted from the caption accompanying the photo of an infant in the Compass section. The caption should have read, "Kore wa nan desu ka?"

News Focus: "'Faster, cheaper, better' on trial" by Andrew Lawler (7 Apr., p. 32). The costs of some NASA missions were incorrectly stated. Not including the launch vehicle, the Pathfinder mission cost \$199 million and the Mars Global Surveyor cost \$148 million. The Mars 1998 missions, without launchers, cost \$193 million. Also, Donna Shirley managed the Pathfinder Sojourner rover team, not the Pathfinder project.

Letter: Response by Denis G. Pelli and Melanie Palomares to "Close encounters: Details veto depth from shadows" (31 Mar., p. 2425): The figure of the details of Chuck Close's portrait Bill II (1991) did not print correctly. The proper figure appears at right.





Books et al.: "Views of the final frontier" by J. M. Pasachoff (24 Mar., p. 2167). The Very Large Telescope in Chile belongs to the European Southern Observatory, not to the European Space Agency.

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rnold O. Beckman is a living legend. He is renowned for his achievements in science, technology, and entrepreneurship. In 1934 he began one of the earliest high-tech startups in a garage, creating the first in a series of path-breaking scientific instruments, the pH meter. His firm's pioneering technologies not only contributed to the life sciences but also to such secret World War II efforts as radar and the Manhattan Project. As head of Beckman Instruments he influenced the beginnings of Silicon Valley, and he led the effort to deal with Los Angeles smog. Later he and his wife began the Arnold and Mabel Beckman Foundation, donating millions to scientific research centers. Arnold Beckman's story is inseparable from that of the twentieth century—a very inspiring read.

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