This Week in Science

### Editorial

357 Future of the U.S. Space Program

### Letters


### News & Comment


### Research News

378 Looking for the Father of Us All ■ Was Adam Very, Very Short? ■ The Cosmic Eye of Rosat ■ Looking for the Hard Background ■ A Low-Iron Recipe for Deep Mantle Rock ■ Stiffening Up the Lower Mantle

### Perspective

387 Mitogenesis Is Only One Factor in Carcinogenesis: I. B. Weinstein

### Articles


393 Thermodynamics of Surface Morphology: E. D. Williams and N. C. Bartelt

### Research Article

401 Visualizing the Higher Order Folding of a Catalytic RNA Molecule: D. W. Célandier and T. R. Ceclh

408 The Spectrum of Comet Austin from 910 to 1180 Å: J. C. Green, W. Cash, T. A. Cook, S. A. Stern
Adult reef-building marine polychaetes (Phragmatopoma lapidosa californica) that have built sand tubes against a pane of glass. Planktonic larvae of these worms settle when they contact adult tube sand, a response that is facilitated by chemical and hydrodynamic processes. See page 421. [Photograph by Joseph R. Pawlik, University of North Carolina at Wilmington]
251 (4992)

Science 251 (4992), 355-460.