

AMERICAN
ASSOCIATION FOR THE
ADVANCEMENT OF
SCIENCE

SCIENCE

20 JUNE 1986

\$2.50

VOL. 232 ■ PAGES 1477-1576



COVER Perspective view from the southeast with 50% vertical exaggeration of Mount Shasta, a 14,000-foot Cascade chain volcano in northern California. A digital topographic map generated by F. Leberl (Vexcel Corp.) and J. Raggam (Graz Technical University, Graz, Austria) from a SIR-B stereo image pair was used to rectify and reproject one of the images into this view, in which colors from dark green through pink to white are proportional to 23-centimeter radar brightness. See page 1511. [M. Kobrick, Jet Propulsion Laboratory, Pasadena, CA]