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Three-dimensional surface reconstructions of a 30-million-year-old fossil mammal (Stenopsochoerus) generated from serial computerized tomography scans of its skull. Both ecto- and endocranial bone matrix have been "removed" (made transparent) by computer methods to reveal the true osseous contours of the fossil. See page 456. [Photograph by C. Ungar in collaboration with M. Vannier, Washington University School of Medicine, St. Louis, Missouri 63110]