This year's "Women in Science" issue compares the position of female researchers in national cultures around the world—and finds many surprises. For example, women are proportionally better represented in science in Turkey than they are in the United States. The reasons for such startling disparities are discussed in a special news section beginning on page 1467. Policy Forums on women in science appear on pages 1398 and 1392 and a bibliographic update on page 1458. [Photo: NASA; Photillustration: Tracey Keaton Drew]