The American Association for the Advancement of Science (AAAS) is a nonprofit scientific organization founded in 1848 and incorporated in 1874. Its objectives are to further the work of scientists, to facilitate cooperation among them, to foster scientific freedom and responsibility, and to improve the effectiveness of science in the promotion of human welfare, to advance education in science, and to increase public understanding and appreciation of the importance and promise of the methods of science in human progress.
COVER  The dorid nudibranch *Hexabranchus flaveomarginatus* deposits its brightly colored egg masses as fluted ribbons on rocky substrates in underwater lava tubes. Their beautiful appearance coupled with their ability to avoid predation prompted research on the chemical constituents that are responsible for the survival of the eggs. These constituents were discovered to be macrolides that have antifungal activity. See page 173. [Photograph by Scott Johnson]