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SCIENCE is published weekly on Friday, except the last week in December, and with a supplement in March by
the American Association for the Advancement of Science, 1333 H Street, NW, Washington, DC 20005. Second-
class non-profit postage (publication No. 484460) paid at Washington, DC, and at an additional entry. Copyright © 1990
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Domestic individual membership and subscription (51 issues): $75. Domestic institutional subscription (51 issues): $120.
Foreign postage extra: Canada $46, other (surface mail) $46, air mail via Amsterdam $85. First class, airmail, school-
year, and student rates on request. Single copy sales: Current issue, $3.50; back issues, $5.00; Biotechnology issue,
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8075/93 $1 + .10. Change of address: allow 6 weeks, giving old and new addresses and 11-digit account number.
Postmaster: Send Form 3579 to Science, P.O. Box 1723, Riverton, N J 08077. Science is indexed in the Reader’s
Guide to Periodical Literature and in several specialized indexes.

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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.
The dorid nudibranch Hexabranchus flavomarginatus 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]