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COVER

A male abalone (18 centimeters in length) is shown releasing sperm in response to hydrogen peroxide. Sperm are broadcast in jets of water expelled through respiratory pores in the shell. As many as 10<sup>12</sup> sperm may be released over a period of 30 minutes in a single spawning. See page 298. [Larry Friesen, Marine Science Institute, University of California, Santa Barbara]