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Animals rely on sensory cues to choose mates before reproduction. Male octopuses use a specialized arm that acts as both a sensory and reproductive organ to navigate the female's mantle, locate oviducts, and transfer sperm. These findings reveal how sensory systems shape reproductive behavior and drive speciation. This image shows courtship during mating. See pages 22 and 96. Credit: Roy Caldwell/TONMO.com



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