

## Chapter 16 Questions: Sexual Selection

1. Define sexual selection and the modes by which it can operate.
2. Describe the mechanisms of sexual selection by which males compete for females?
3. How does female choice evolve? What are the potential direct and indirect benefits of female choice?
4. How did complex calls in *Physalaemus* frogs evolve?

## Questions from Holland and Rice (1999)

1. What methods did the authors use to remove intersexual and intrasexual selection in the experimental population?
2. What is a sexually antagonistic trait? How do males induce harm to females in *D. melanogaster*, and what is the evolutionary response by females?
3. How did the removal of sexual selection affect the population's ability to propagate?