



**Cover:** Many anemone shrimp, such as this *Periclimenes yucatanicus*, have bodies that are so transparent that they look almost invisible on their background. However, transparency can be temporarily disrupted by environmental or physiological stressors. Anemone shrimp become opaque after only a few tail flips, an escape behavior. Bagge et al. (pp. 4225–4233) describe one mechanism for this disruption in transparency. Exercise-induced increases in blood volume between muscle fibers create regions of low refractive index fluid between high refractive index muscles. Photo credit: Laura E. Bagge.

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