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**COVER**

Male locust, *Valanga irregularis*. The turnover of photoreceptor membrane is shown to be controlled locally within individual ommatidia of the compound eye of this animal. Body length of animal is 80 millimeters; width of the eye is 4 millimeters. See page 898. [Kerrie Ruth, Neurobiology Department, Australian National University, Canberra 2601]