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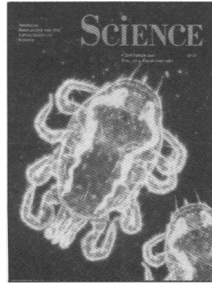
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**COVER** Light microscope image of the dorsal view of the mite *Proctolaelaps regalis* ( $\times 20$ ). The red spot at the caudal end of each mite is pigment that is retained in the posterior hindgut before excretion. This pigment has its origin in the eye of *Drosophila* flies, on which the mite feeds. This mite is a potential vector for the horizontal transfer of genes between different species of *Drosophila*. See page 1125. [Image by M. A. Houck, University of Arizona]

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