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COVER A caterpillar *Nemoria arizonaria* next to the catkins (staminate flowers) of Emory oak. The spring brood of caterpillars develops into mimics of the catkins; the fall brood develops instead into mimics of oak twigs. This developmental polymorphism is triggered by the larval diet. See page 643. [Photo by Erick Greene, Department of Avian Sciences, University of California, Davis, CA 95616]

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