



Cover image: Pictured is a silkworm (*Bombyx mori*). Hiroki Sakai et al. examined how *Sex-lethal* (*Sxl*), the master sex-determination gene of the fruit fly *Drosophila melanogaster*, functions in the silkworm *B. mori* and found that *Sxl* is essential to the formation of apyrene sperm, which are nonfertile, in *B. mori*, and that apyrene sperm is required for the migration of fertile sperm in female organs. The findings suggest that the ancestral function of *Sxl* in insects may relate to germline development. See the article by Sakai et al. on pages 10412–10417. Image courtesy of Hiroki Sakai.

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