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Microscope image of a dissected lettuce floret colored by Alexander stain. Visible are: the style, stigma, and six rows of the fused anther with viable pollen grains in pink. Sometimes a hybrid from diverged related species shows hybrid sterility, *i.e.*, hybrid incompatibility. Nearly complete sterility was observed in an interspecific lettuce hybrid. Genetic dissection revealed multiple digenic Dobzhansky-Muller interactions including one sex-independent gametophytic barrier. Image courtesy of Anne Giesbers. See Giesbers *et al.*, pp. 263–276.

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