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Flowers of *Arabidopsis thaliana*. Although only 2 millimeters in their largest dimension, the flowers of this diminutive member of the mustard family (Brassicaceae) are as structurally complex as the flowers of larger plants. A number of *Arabidopsis* mutations that result in specific alterations of floral morphology have been identified. See page 1214. [Elliott Meyerowitz, Division of Biology, California Institute of Technology, Pasadena 91125]