This Week in Science

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Frontiers in Plant Biology

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News & Comment

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Venus Is Looking Too Pristine

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Articles

Frontiers in Biology: Plants

Phase Change and the Regulation of Shoot Morphogenesis in Plants: R. S. Poethig

Genetic Control of Flower Development by Homeotic Genes in Antirrhinum majus: Z. Schwarzb-Sommer, P. Huijser, W. Nacken, H. Saedler, H. Sommer


The Texas Cytoplasm of Maize: Cytoplasmic Male Sterility and Disease Susceptibility: C. S. Levings III

Developmental Biology of a Plant-Prokaryote Symbiosis: The Legume Root Nodule: J.-P. Nap and T. Bisseling

Molecular Chaperones: The Plant Connection: R. J. Ellis

The Cauliflower Mosaic Virus 35S Promoter: Combinatorial Regulation of Transcription in Plants: P. N. Benfey and N.-H. Chua

Reports

Shown is a wild-type flower of *Antirrhinum majus* (snapdragon), a plant used for genetic and molecular studies of the mechanisms of flower development. Lower parts of the corolla leaves have been removed, revealing reproductive organs (the pistil and four stamens). Z. Schwarz-Sommer et al. have studied homeotic genes in *Antirrhinum majus* (page 931). In this issue is a collection of articles that describe progress in understanding molecular aspects of plant biology. See pages 923 to 966. [Photograph by Dietrich Bock]