This Week in Science

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Reports

Cover: 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]

970 Ridge Spreading, Subduction, and Sea Level Fluctuations: M. Gurnis

973 Ice Nucleation by Alcohols Arranged in Monolayers at the Surface of Water
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975 Chiral Symmetry Breaking in Sodium Chlorate Crystallization:
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982 A Cytoplasmic Protein Inhibits the GTPase Activity of H-Ras in a Phospholipid-
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985 Mesodermal Control of Neural Cell Identity: Floor Plate Induction by the
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988 Correction of a Defect in Mammalian GPI Anchor Biosynthesis by a Transfected
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991 Tissue, Developmental, and Tumor-Specific Expression of Divergent Transcripts
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997 Regulation of Gene Expression with Double-Stranded Phosphorothioate
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1000 Hyperkalemic Periodic Paralysis and the Adult Muscle Sodium Channel
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1002 Salicylic Acid: A Likely Endogenous Signal in the Resistance Response of
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1004 Increase in Salicylic Acid at the Onset of Systemic Acquired Resistance in
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■ Molecular Systematics, W. S. Moore ■ Books Received

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