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Plate Tectonics 2.5 Billion Years Ago: Evidence at Kolar, South India: E. J. Krogstad, S. Balakrishnan, D. K. Mukhopadhyay, V. Rajamani, G. N. Hanson

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Honeyguides and Honey Gatherers: Interspecific Communication in a Symbiotic Relationship; H. A. Isack and H.-U. Rey
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Selection for Precise Chromosomal Targeting of a Dominant Marker by Homologous Recombination: J. R. Dorin, J. D. Inglis, D. J. Porteous


Nucleotides in Yeast tRNA$^{\text{phe}}$ Required for the Specific Recognition by Its Cognate Synthetase: J. R. Sampson, A. B. DiRenzo, L. S. Behlen, O. C. Uhlenbeck

Free Calcium at Rest During “Catch” in Single Smooth Muscle Cells: N. Ishii, A. W. M. Simpson, C. C. Ashley

Topobiology, reviewed by J. Gerhart ■ Biology and the Mechanics of the Wave-Swept Environment, M. R. Patterson ■ Remembering Reconsidered, D. L. Schacter ■ Some Other Books of Interest ■ Books Received


Photograph of a dwarf plant of Arabidopsis thaliana isolated from a population of transformants that had been generated by infecting seeds with Agrobacterium. Genetic analysis indicates that the recessive mutation that caused this phenotype is due to the insertion of a T-DNA from Agrobacterium into a gene that in the homozygous state confers dwarfism to the plant. The plant pictured was 3.5 centimeters in height. The portion pictured is 3 centimeters in height. See page 1351. [Photograph by DeVere Patton, senior photographer, E. I. du Pont de Nemours & Company, Wilmington, DE 19898]