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**COVER**

Nomarsky interference-contrast micrographs of the specialized stomatal guard cells from an onion cotyledon. Isolated guard cell protoplasts (above) are obtained after enzymatic digestion of the cellulosic walls. (Actual size of protoplasts, 20 μm in diameter.) See page 887 (Eduardo Zeiger and P. K. Hepler, Stanford University, Stanford, California)