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Cover: Light micrograph (×400) of the lower surface of a Californian Black Oak (Quercus kelloggii) showing epidermal cells, hairs, and stomata; the density of which (stomatal density) can be used to estimate past CO2, from which paleoelevation can be calculated. See “Climate-independent paleoaltimetry using stomatal density in fossil leaves as a proxy for CO2 partial pressure,” by McElwain, p. 1017–1020.

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