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View westward of Lone Pine Peak (elevation 3945 meters), located on the southern Sierra Nevada crest 10 kilometers southeast of Mount Whitney. Differential rock uplift across the Sierra Nevada fault system has generated more than 2500 meters of relief between Lone Pine Peak and Owens Valley to the east. Erosion and deposition may be responsible for a large fraction of Cenozoic rock uplift in the Sierra Nevada. See page 277. [Photo: R. S. Anderson]

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