

Rock falls in California's Sierra Nevada

Pursuing explanations for exfoliation and seemingly spontaneous fracture of rock

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- Exfoliation is a process by which layers of rock erode from the surface of landscapes.
- In California's Sierra Nevada, exfoliation in steep granite cliffs is common, sometimes leading to potentially hazardous rock falls.
- New research sheds light on how, where and when rock falls may occur from exfoliation, and the effect daily heating cycles may have on exfoliation itself.
- Recent rock fall studies by the USGS and National Park Service provide sound basis for risk reduction actions in Yosemite National Park.

USGS Menlo Park Campus • Free Public Lecture • October 27, 2016 at 7PM

Directions to U.S. Geological Survey

The USGS Menlo Park Campus is located at 345 Middlefield Road in Menlo Park

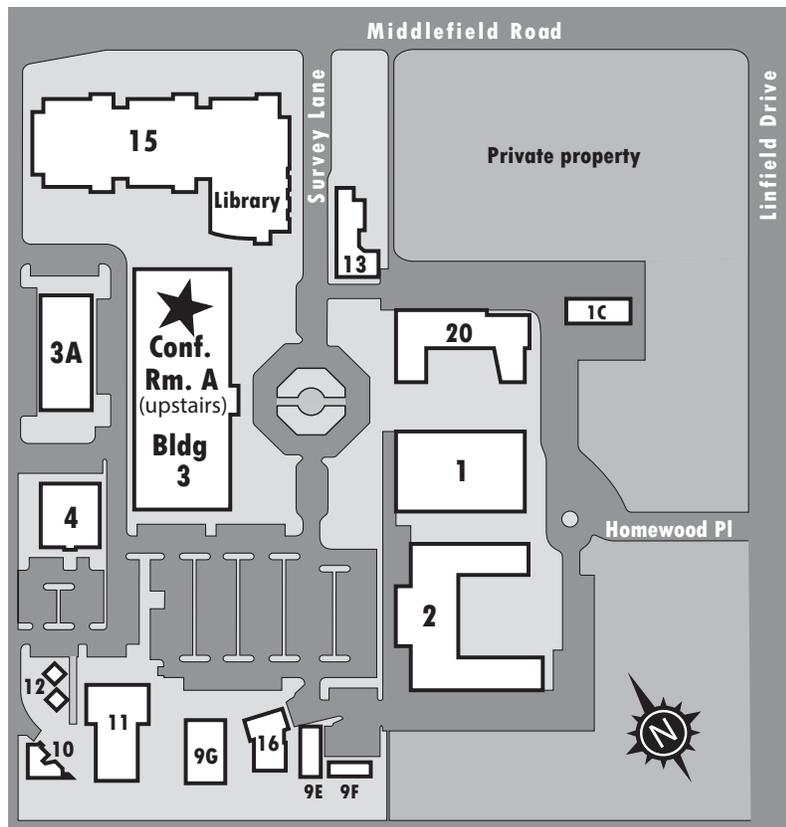
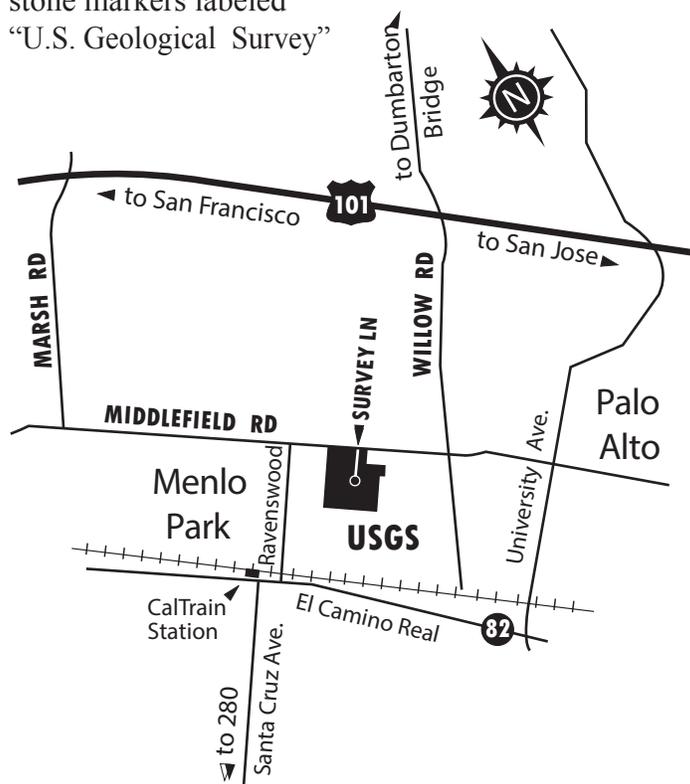
From San Francisco

- Exit highway 101 at Marsh Road, Atherton
- Go west to the T-junction with Middlefield Rd.
- Turn left (south)

From San Jose

- Exit highway 101 at Willow Road, Menlo Park
- Go west to Middlefield Rd.
- Turn right (north)

Enter the USGS campus at Survey Lane with large stone markers labeled “U.S. Geological Survey”



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