

***Acarospora rosulata* in the Joshua Tree National Park (California, U.S.A.)**

Map collection



Acarospora rosulata. Photo by Rolf Muerter

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Abstract – *Acarospora rosulata* is a common montane species in the mountains of southern California at middle elevations and extends north along the eastern Sierra Nevada Mountains. It is frequent in the Mojave Desert in Joshua Tree on gneiss and granite. The map of distribution of *A. rosulata* in Joshua Tree is presented. We compiled a detailed list of records based on GPS data.

Key words – *Acarospora rosulata*, lichens, distribution, map, Joshua Tree, Mojave Desert.

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***Acarospora rosulata* H. Magn.**

DESCRIPTION. – Knudsen 2007 (as *A. bullata*), Knudsen et al. 2010.

WORLD DISTRIBUTION. – Asia (Mongolia), Europe, North America.

SUBSTRATE. – Non-calcareous rock; on gneiss and granite in Joshua Tree.

NOTES. – *Acarospora rosulata* is a common montane species in the mountains of southern California at middle elevations and extends north along the eastern Sierra Nevada Mountains. It was originally described from Norway where it is rare (Magnusson 1929). It is frequent in the Mojave Desert in Joshua Tree. It is documented by 13 specimens.

DISTRIBUTION. – Little San Bernardino Mountains (Black Rock Canyon, Eureka Peak), Lost Horse Mountain, Queen Mountain, Queen Valley, Ryan Mountain, Sheep's Pass, upper and lower Covington Flats, upper Juniper Flats.

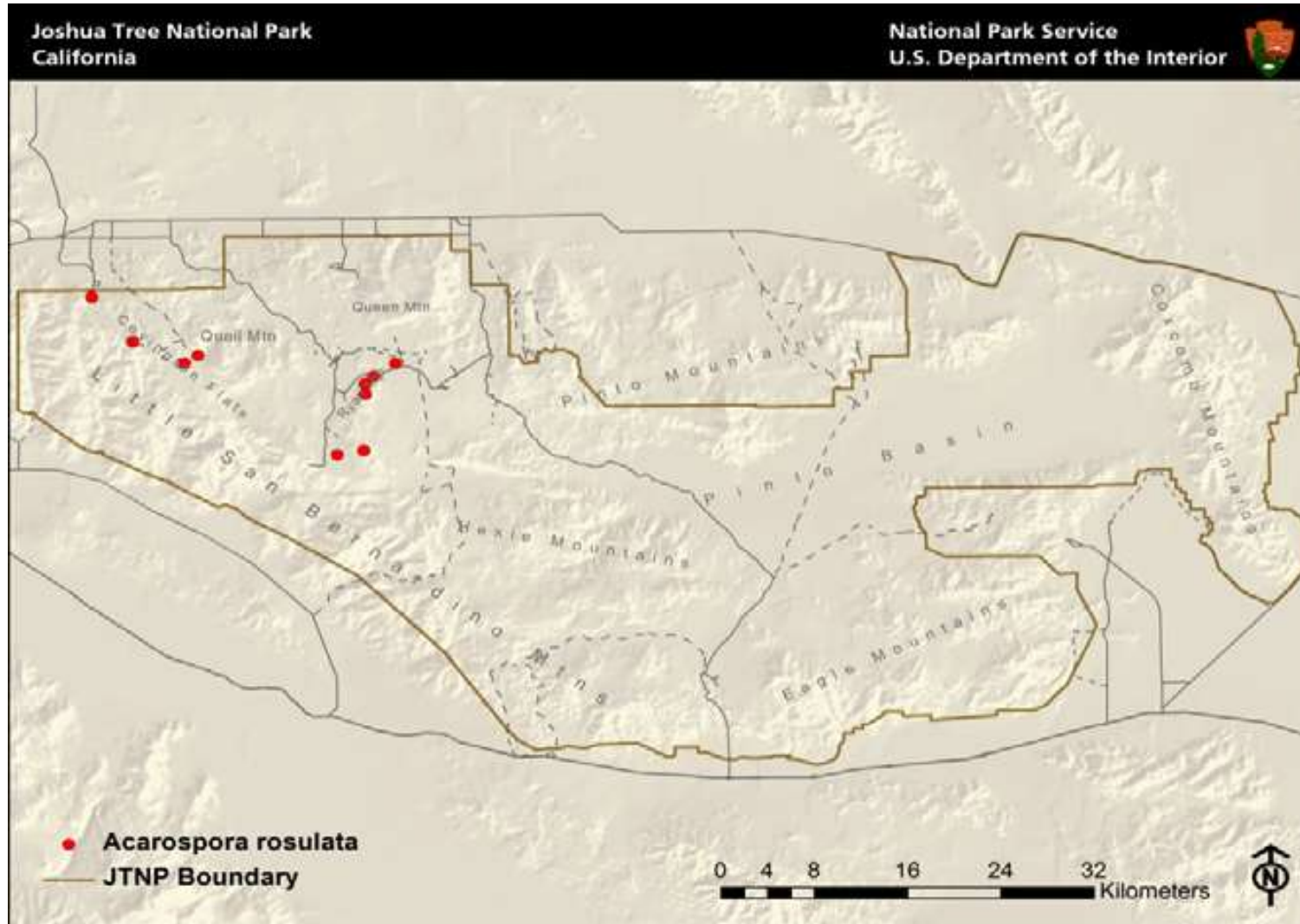
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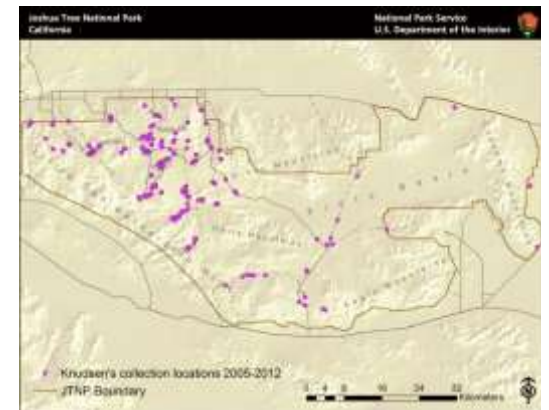
Acarospora rosulata



Known distribution of *Acarospora rosulata* in JTNP.



Location of Joshua Tree National Park in Southern California



All 238 of Knudsen's and Kocourková's lichen collection sites throughout Joshua Tree National Park between the years of 2005 and 2012.

Map collection, maps made in software ArcGIS, 10.1; electronic form, file type pdf.