

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

Map collection



Acarospora boulderensis. Photo by Jana Kocourková.

Kerry Knudsen, Kocourková Jana*

*Czech University of Life Sciences Prague, Faculty of Environmental Sciences, Department of Ecology, Czech Republic

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Abstract – Distribution of *Acarospora boulderensis*, occurring in central Europe and across temperate North America is presented from Joshua Tree National Park (Mojave Desert, California). It is documented by 9 collections, most specimens are poor. The map of distribution of *A. boulderensis* in Joshua Tree is presented. We compiled a detailed list of records based on GPS data.

Key words – *Acarospora boulderensis*, lichen, map of distribution, Mojave Desert, Sierra Nevada Mountains

Authors – Kerry Knudsen¹, Kocourková Jana²

¹The Herbarium, Department of Botany & Plant Sciences, University of California Riverside, California 92521, U.S.A. – e-mail: Knudsen@ucr.edu

²University of Life Sciences Prague, Department of Ecology, Faculty of Environmental Sciences, Kamýcká 129, Praha 6 – Suchbát, CZ – 165 21, Czech Republic – e-mail: kocourkovaj@fzp.czu.cz

***Acarospora boulderensis* H. Magn.**

DESCRIPTION. – Knudsen and Kocourková, in review.

WORLD DISTRIBUTION. – Europe (central Europe) and North America.

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

NOTES. – *Acarospora boulderensis* occurs in central Europe and across temperate North America (Knudsen and Kocourková, in review). It is frequent in the mountains of southern California and along the eastern Sierra Nevada Mountains in Inyo County. *Acarospora boulderensis* occurs in the Mojave Desert in Joshua Tree. Most specimens are poor. It is documented by 9 collections. This species was segregated from *A. badiofusca* (Nyl.) Th. Fr.

DISTRIBUTION. – Hidden Valley, Little San Bernardino Mountains (Berdo Canyon), Smith Water Canyon, upper and lower Covington Flats.

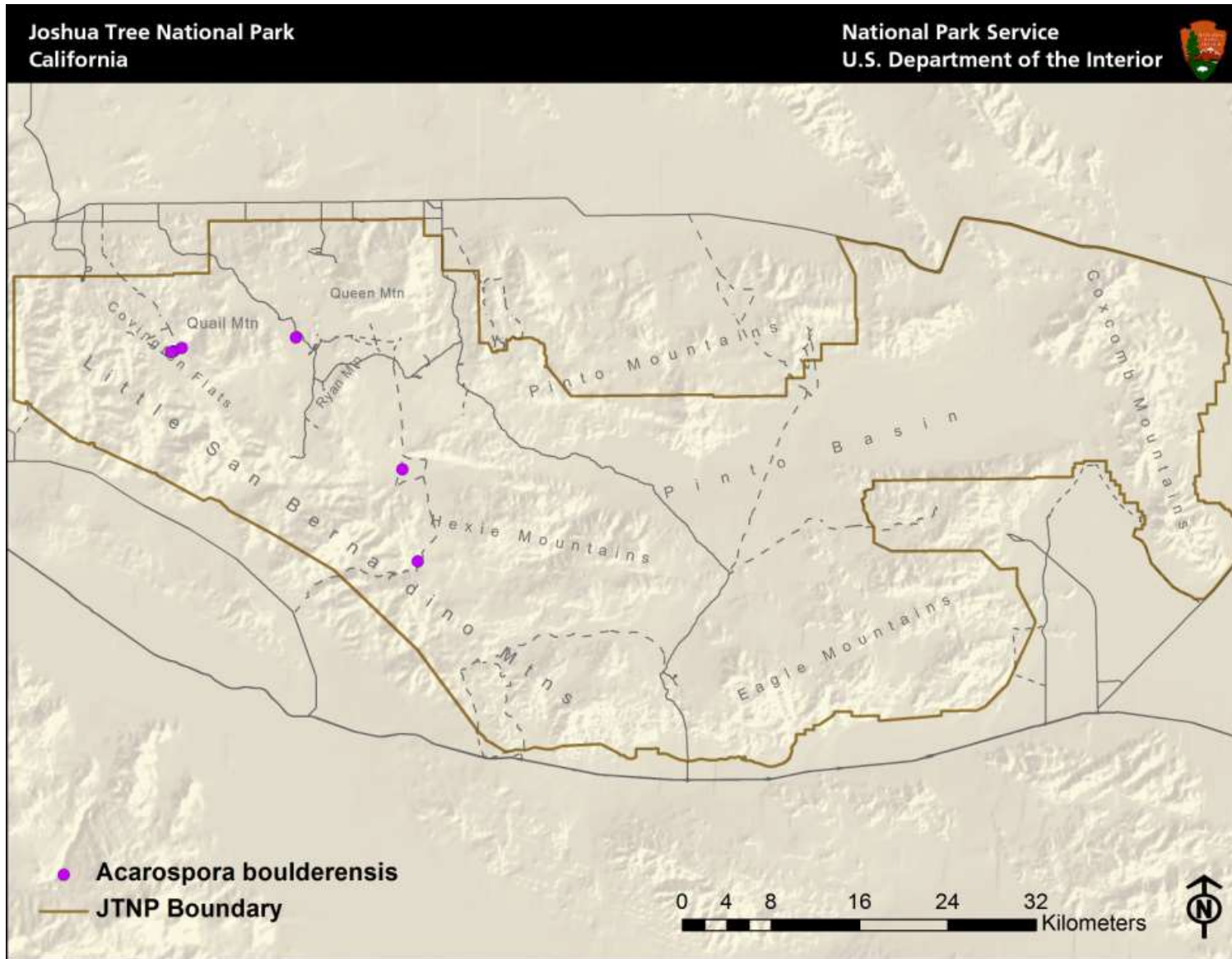
LITERATURE CITED

Knudsen, K. and J. Kocourková. In review. A Tale of Two Continents: *Acarospora boulderensis* in central Europe. The Lichenologist.

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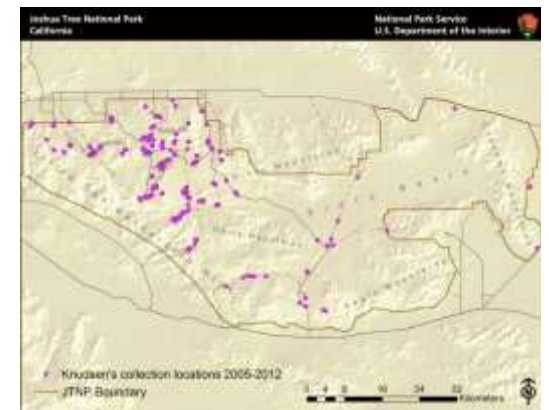
Acarospora boulderensis



Known distribution of *Acarospora boulderensis* 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.