

***Lecidea patavina* in the Joshua Tree National Park (California, U.S.A.)**

Map collection



Lecidea patavina. Photo by Jana Kocourková.

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Abstract – *Lecidella patavina* is known from Africa, Asia, Europe, North and South America. Very recently, it was reported new for California from the Mojave Desert in Joshua Tree National Park, documented by 4 collections. The species is distinguished by the inspersed hymenium from *L. stigmatea*. The map of distribution of *L. patavina* in Joshua Tree National Park is presented. We compiled a detailed list of records based on GPS data.

Key words – *Lecidella patavina*, lichens, map of distribution, zeorin, Mojave Desert

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***Lecidea patavina* (A. Massal.) Knoph & Leuckert**

DESCRIPTION. – Knoph and Leuckert 2004.

WORLD DISTRIBUTION. – Africa, Asia, Europe, North and South America.

SUBSTRATE. – Non-calcareous rocks; on monzogranite in Joshua Tree.

NOTES. – *Lecidella patavina* was reported new for California from the Mojave Desert in Joshua Tree National Park, documented by 4 collections (Knudsen and Kocourková 2012). The species is distinguished by the inspersed hymenium from *L. stigmatea*. Both can be identified without using thin-layer chromatography. The medulla of one specimen of *L. patavina* had a small amount of zeorin detected with thin-layer chromatography; another had no substances (Michalová 2012; Lendemer, unpublished results). The thallus is often poorly developed, eroded, or absent.

DISTRIBUTION. – Hexie Mountains, Hidden Valley, Queen Mountains, Wonderland of Rocks (Keys Ranch).

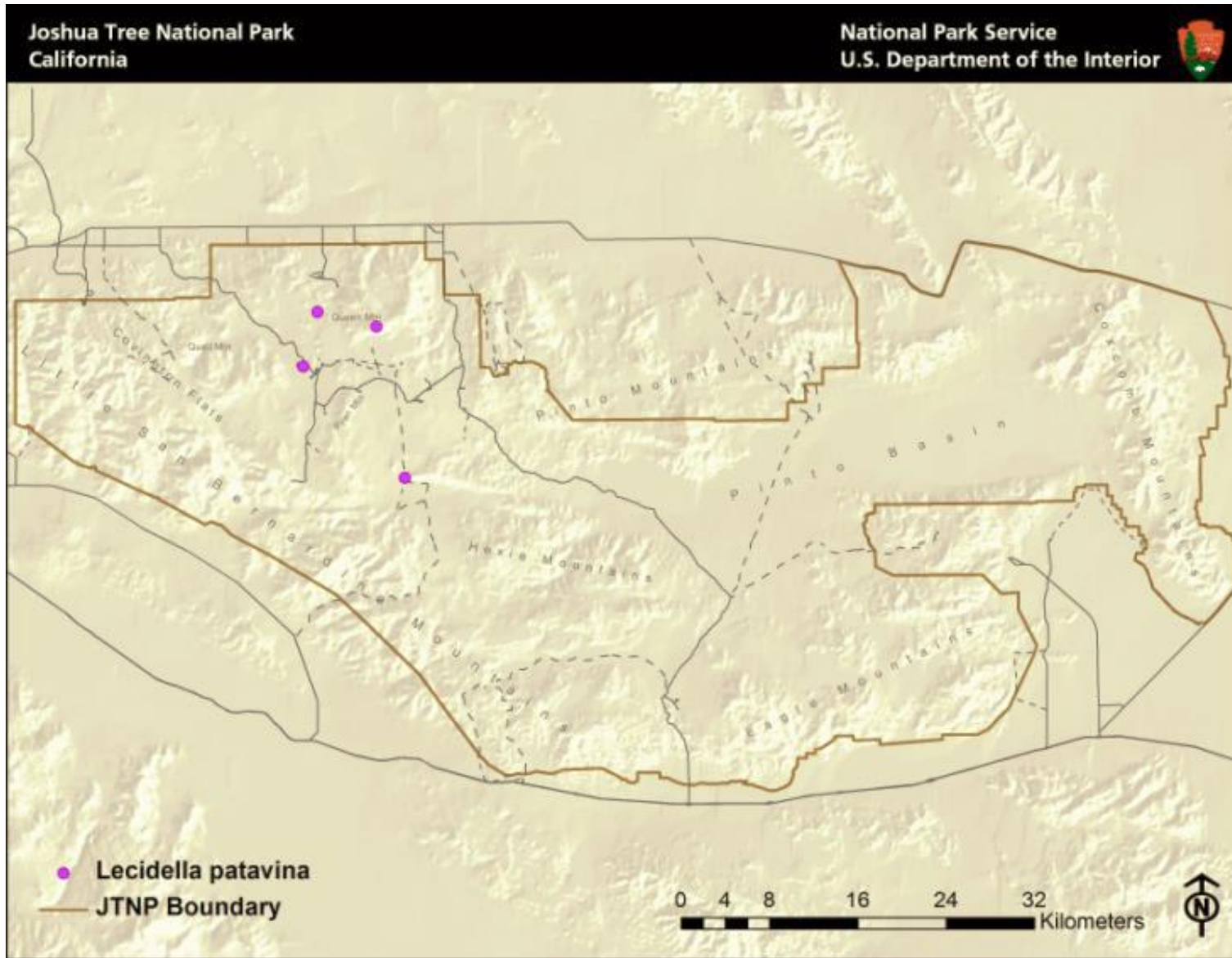
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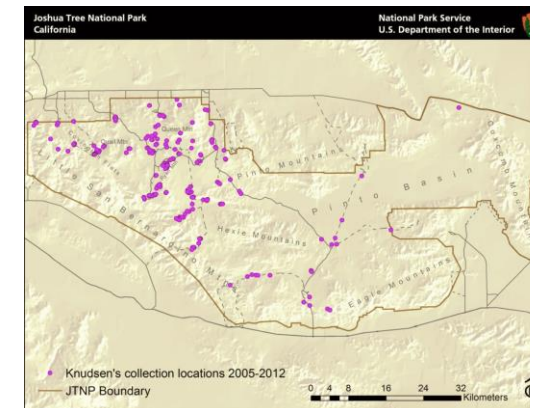
Lecidea patavina



Known distribution of *Lecidea patavina* 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.