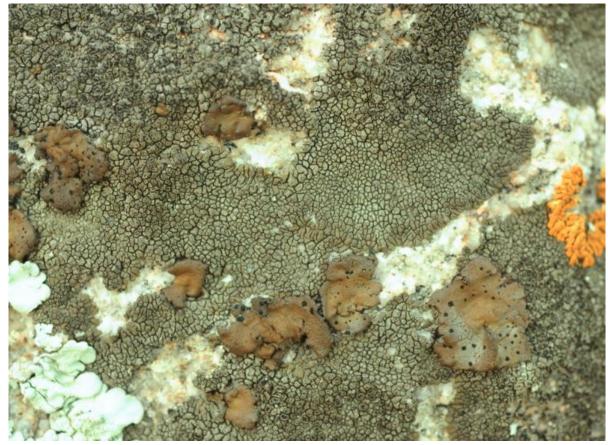
Dimelaena thysanota in the Joshua Tree National Park (California, U.S.A.)

Map collection



Dimelaena thysanota. Photo by Jana Kocourková

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Abstract – *Dimelaena thysanota* is known only in western North America. It is a common montane species in California, tolerating arid habitats. It is documented by 13 collections in the Mojave Desert in Joshua Tree on basalt, granite and gneiss. The lichenicolous fungus Endococcus oreinae was previously discovered growing on *D. thysanota*, a new host, in Joshua Tree National Park. The map of distribution of *D. thysanota* in Joshua Tree National Park is presented. We compiled a detailed list of records based on GPS data.

Key words - Dimelaena thysanota, lichens, map of distribution, montane and arid habitat, Endococcus oreinae, Mojave Desert

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Dimelaena thysanota (Tuck.) Hale & W.I. Culberson

DESCRIPTION. – Mayrhofer and Sheard 2004.

WORLD DISTRIBUTION. – Western North America.

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

NOTES. – Dimelaena thysanota is a common montane species in California, tolerating arid habitats. It is documented by 13 collections in the Mojave Desert in Joshua Tree. It has been reported from the Granite Mountains (Knudsen and Werth 2008). The lichenicolous fungus *Endococcus oreinae* HafelIner was discovered growing on *D. thysanota*, a new host, in Joshua Tree National Park (Kocourková et al. 2012).

DISTRIBUTION. – Hidden Valley, Juniper Flats, Little San Bernardino Mountains (Pushwalla), Lost Horse Mountains (on basalt), Lost Horse Valley, lower and upper Covington Flats, Queen Mountain, Ryan Mountain, Smith Water Canyon.

LITERATURE CITED

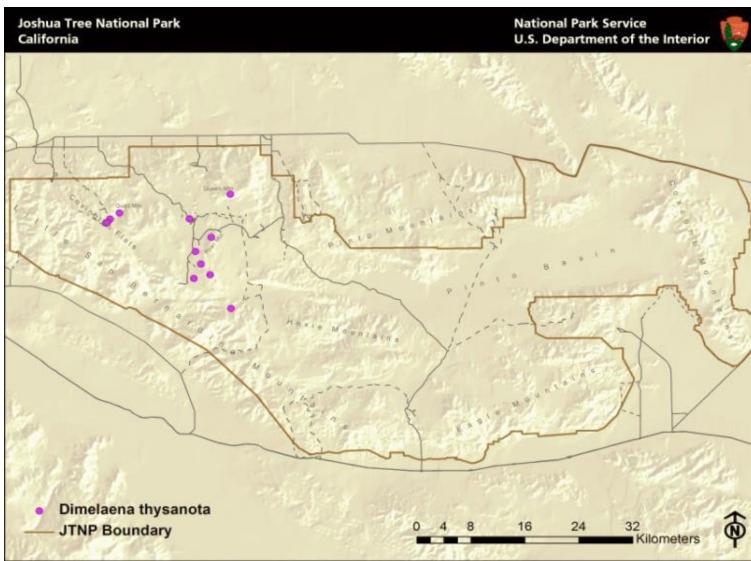
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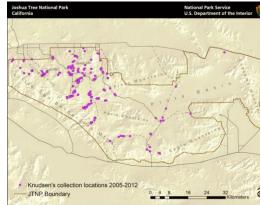
Dimelaena thysanota



Known distribution of *Dimelaena thysanota* 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.