

***Xanthoparmelia maricopensis* in the Joshua Tree National Park (California, U.S.A.)**

Map collection



Xanthoparmelia maricopensis. Photo by Tim Wheeler.

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Abstract – *Xanthoparmelia maricopensis* is only known in southwestern North America in Arizona and California. It is rare in California, but is frequent in the Mojave Desert in Joshua Tree, documented by 13 collections. It grows on non-calcareous rock, soil; on basalt, gneiss, and monzogranite in Joshua Tree. The map of known distribution of *X. maricopensis* in Joshua Tree is presented. We compiled a detailed list of records based on GPS data.

Key words – *Xanthoparmelia maricopensis*, lichens, map of distribution, Mojave Desert, Arizona, California

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***Xanthoparmelia maricopensis* T. H. Nash & Elix**

DESCRIPTION. – Nash and Elix 2004.

WORLD DISTRIBUTION. – Southwestern North America.

SUBSTRATE. – Non-calcareous rock, soil; on basalt, gneiss, and monzogranite in Joshua Tree.

NOTES. – *Xanthoparmelia maricopensis* was originally described from Maricopa County in the Sonoran Desert in Arizona. It is rare in California, but is frequent in the Mojave Desert in Joshua Tree, documented by 13 collections. It covers basalt rock screes on Malapai Hill.

DISTRIBUTION. – Juniper Flats, Little San Bernardino Mountains (along geology tour road), Malapai Hill, Queen Valley, Sheep's Pass, Skull Rock, Squaw Tank.

LITERATURE CITED

Nash, III, T.H. and J.A. Elix. 2004. *Xanthoparmelia*. In: T.H. Nash III, B.D. Ryan, P. Diederich, C. Gries, and F. Bungartz (eds.) Lichen Flora of the Greater Sonoran Desert Region 2: 566–605. Lichens Unlimited, Tempe, AZ.

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