

GLAUCIUM CORNICULATUM (PAPAVERACEAE) IN ARIZONA AND SONORA

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ABSTRACT

Glaucium corniculatum is reported for the first time as naturalized in the state of Arizona and in the country of Mexico, where it has been collected in Agua Prieta area of Sonora.

Glaucium corniculatum (L.) Curtis (red hornpoppy) is an annual plant native to southern Europe (Wikipedia 2020). It grows up to 30 cm high and produces red-orange flowers with dark purple spots on the inside bases of the petals (Fig. 1). It has been reported as a naturalized species in the USA in Colorado, Georgia, Kansas, Nevada, New York, Montana, Oregon, Oklahoma, Pennsylvania, and Texas (PLANTS Database 2020).

Here we report the first *Glaucium corniculatum* records for Arizona and the country of Mexico (Sonora). In Arizona it has been found on a roadside and a mowed area in desert grassland. In Sonora, it was encountered on a weedy highway roadside in Chihuahuan desert scrub-desert grassland transition.

Voucher specimens. Arizona. Cochise Co.: NE of Douglas on US 80, 31.5842° N, 109.2474° W, 1402 m, 24 Apr 2001, *Rhodes 181* (ASC); solitary plant in the Pirtleville Cemetery W of Douglas 0.5 km [by air] NW of Pirtleville, 31.3650° N, 109.5786° W, 1206 m, 31 May 2020, *Van Devender & Reina-G. 2020-50* (ARIZ, ASC, USON). **Mexico. Sonora.** Mpio Agua Prieta, W side of Agua Prieta along MEX 2, 31.3136° N, 109.5611° W, 1215 m, 24 Apr 2004, *Van Devender et al. 2004-334* (ASDM, USON), also 23 May 2008, *Van Devender & Reina-G. 2008-246A* (ARIZ, NMC) and 18 Apr 2007, *Sánchez-Escalante et al.* (Red de Herbarios del Noreste de México database).

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LITERATURE CITED

PLANTS Database. *Glaucium corniculatum*. USDA Natural Resources Conservation Service Accessed 13 June 2020.
Wikipedia. *Glaucium corniculatum*. Accessed 13 June 2020.



Figure 1. *Glaucium corniculatum*. where? Photos by J. Jesús Sánchez-E., April 2007.