THE OCCURRENCE OF CERASTIUM PUMILUM (CARYOPHYLLACEAE) IN OKLAHOMA

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ABSTRACT

Cerastium pumilum (Caryophyllaceae) was recently reported for Oklahoma without documentation. This paper documents the occurrence of Cerastium pumilum W. Curtis in Oklahoma. The first collection from Oklahoma was made in 1981 from Hughes County but no additional collections were made until 2003. Since that time, C. pumilum has been documented in eight additional counties. Thus, C. pumilum is currently known from a total of 11 Oklahoma counties.

RESUMEN


Cerastium pumilum W. Curtis (Caryophyllaceae) is an annual plant species native to Europe and southwest Asia (Diggs et al. 1999). It has been reported from the adjacent states of Arkansas, Kansas, Missouri, and Texas, but not Colorado (USDA-NRCS 2005). Morton (2005) mapped C. pumilum in Oklahoma but did not provide voucher documentation. The Oklahoma distribution record in Morton (2005) is based on a 1981 collection by Steve Stephens.

Voucher collection: OKLAHOMA. Hughes Co.: 3.5 mi W of Calvin, roadside shoulder, red sandy soils, few plants, 7 Apr 1981, Steve Stephens 90325 (KANU).

However, C. pumilum is not listed in Taylor and Taylor (1994) and a search of Hoagland et al. (2005) revealed that no collections had been deposited in Oklahoma herbaria prior to 2003, when the authors collected it from three counties. Since then, it was collected from five additional counties in 2004 and three in 2005. All specimens reported below are deposited in the Robert Bebb Herbarium at the University of Oklahoma (OKL), with the exception of Caddell and Rice.
(GMC 1039) which is deposited at the University of Central Oklahoma (CSU). Since these specimens represent locales covering a broad geographic extent, additional county records are no doubt forthcoming.


**ACKNOWLEDGMENTS**

We thank Richard Rabeler for reviewing the paper and for bringing the Stephens specimen to our attention and Craig Freeman for providing the label data from that specimen.

**REFERENCE**

**DIGGS, G.M., B.L. LIPSCOMB,** and **R.J. O'KENNON.** 1999. Shinners & Mahler's illustrated flora of north central Texas. Botanical Research Institute of Texas (Fort Worth) and Austin College (Sherman, TX).

