

Notes on the occurrence of *Cardaria pubescens* (C.A. Mey.) Roll in Arizona.

Does *C. pubescens* occur in AZ or is it included in the database because it is a prohibited noxious weed?

Notes from Dr. Ed Northam (Arizona Department of Agriculture) and Phil Jenkins (University of Arizona)

Parker's 1972 Arizona Weeds includes this species, but states it was unknown in Arizona at the time of publication. This plant is on our state noxious weed list, but we have no records of it being identified by Arizona Department of Agriculture personnel. I have not observed it anywhere in the state. USDA Plants database may have it listed for AZ simply because this taxon is discussed in Parker's field guide without carefully checking her text. Any ideas? (Personal Communication, 2003, Dr. Ed Northam, Arizona Department of Agriculture)

Little is known about the present-day abundance of *Cardaria pubescens* in Arizona, but it has been documented to occur at least once in the state. The literature report for this is as follows:

Mason, C. T., Jr., R. K. Van Devender, and G. D. Starr. 1986. Notes on the flora of Arizona VII. *Desert Plants* 8(1):38-40.

The report on p. 39 cites a first collection for the state of *Cardaria pubescens* var *.elongata* made by Hugh Foraker on his ranch in Skull Valley, west of Prescott, Yavapai County, in June 1984. The voucher has been accessioned at the University of Arizona's herbarium.

The issue of whether a plant that probably hasn't increased in abundance much since the mid-1980s should be tracked as a state noxious weed is fairly complex and I'll let you ponder that one.

We have four specimens of *Cardaria pubescens* from Arizona, but all are on loan to Andrew Salywon at ASU (Tempe). We have 3 *Cardaria draba* (L.) Desv. Coconino Valley, House Rock Valley, 2001; Cochise Co., Parker Canyon Lake, 1998; Yavapai Co., Bradshaw Mtns. 1992.

Not much yet of either one. (Phil Jenkins, U of A)