

Considered But Rejected: *Calochortus argillosus*

Aaron E. Sims
February 27, 2017

Background

This one was proposed by David Keil back in April 2012, but turned out to also be postponed from addition to 6th Edition. Its status remained in limbo as I attempted to get input from enough botanists representing the East Bay and disjunct occurrences much further south in SLO and Santa Barbara counties. Lots of time was spent mapping occurrence, until we developed and used the occurrence delineation tool on it, which resulted in a total of 93 non-duplicate occurrences based on 179 records, and that doesn't include an additional 98 records that were not already georeferenced for use in the tool; meaning a number of the remaining 98 records could turn out to be additional occurrences. Once this data was presented to Dave Keil in SLO Co. and other botanists in East Bay, he and Heath Bartosh agreed that it is too common even for addition to list 4 at this time.

There is evidence to suggest the southern populations represent a unique, yet to have been described taxon, and I agree. This would likely mean that the East Bay plants meet list 4 criteria and SLO / SBA populations meet 1B. Only trouble is that there is currently no known taxonomic research being conducted to elucidate their differences and no novel taxon has yet to have been described. Without an official published name, it is not recognized as distinct and cannot be added to the Inventory at this time.

Inventory Record

Calochortus argillosus

CBR: Too common. Disjunct southern occurrences from SBA and SLO cos. might represent a novel taxon; needs further study.