

Rare Plant Status Review: *Crataegus castlegarensis*

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Background

Crataegus castlegarensis (Castlegar hawthorne) was formally described as a new species in 2001 with a range including Washington, Oregon, Wyoming, Utah, Idaho, Montana, British Columbia and Alberta (Phipps & O'Keenan 2002, *Sida* 20:115-144). It is known in California from only four occurrences in Modoc and Shasta Counties, disjunct 350 km from the nearest recorded populations in Grant County, Oregon. The California occurrences are based solely on herbarium specimens dated 1893, 1899, 1940 and 1941 (P. Zika, 2004. *Madrono* 51:395). The California records are known only from herbarium specimens and the current status of these occurrences is unknown. Peter Zika indicated that only RSA and POM specimens were examined, so there could be additional unannotated specimens of the species in other major herbaria. *Crataegus castlegarensis* would most often be confused with *Crataegus douglasii* from which it was separated. *C. suksdorfii* is apparently similar in morphology as well. Because significant questions regarding the rarity, status and threats remain, we have suggested placement on List 3. If we receive additional data regarding these factors, the species could meet the criteria for List 2. Because of its restricted distribution and the apparently small number of occurrences, the species requires review for inclusion in both the CNPS Inventory and the CNDDDB.

Recommended Actions

CNPS: Add to CNPS List 3 (There is no threat rank because the *Madrono* article did not comment on threats for the California occurrences)

CNDDDB: Add to CNDDDB as G5 / S1S3

Please review the draft CNPS Inventory record below, respond Yes or No on the proposal to add this species to the Inventory and CNDDDB, and provide any edits/comments. Also, please comment on the appropriate List status.

Draft CNPS Inventory Record

***Crataegus castlegarensis* J.B. Phipps & O'Keenan**

Rosaceae

"Castlegar hawthorn"

List 3

Modoc and Shasta, WA, OR, and elsewhere

695D [Egg lake/4112133]; 679D [Dana/4112115]; 678C [Fall River Mills/4112114]

Riparian woodland/moist rocky loam; elevation up to 975 meters. Deciduous shrub.

Blooms May-June? (Munz range for *C. douglasii*)

How rare is this species in CA? Need information on current status, rarity and threats. Not in *The Jepson Manual*. See *Sida* 20:121 (2002) for original description and *Madrono* 51:395(2004) for information on first report in California. Apparently widespread outside of California where it is known from WA, OR, MT, ID, UT, WY, British Columbia and Alberta. Can be confused with *C. douglasii* and *C. suksdorfii*.

Sent to NW, MOD, Zika, Rosatti, Sawyer, Figura, Schoolcraft, Corbin