

**Rare Plant Status Review:
Ivesia kingii var. *kingii*
Re-Rank from List 1B.2 to 2.2
Nicholas Jensen (CNPS) and Roxanne Bittman (CNDDDB)
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Ivesia kingii var. *kingii* is a perennial herb in the Rosaceae. *I. kingii* var. *kingii* is included in the Jepson Manual (1993), and will be included in The Jepson Manual (2nd edition) (B. Ertter, pers. comm. 2008). In California, *I. kingii* var. *kingii* occurs in great basin scrub, meadow and seep, mesic playa habitats from 1200 to 2130 meters in elevation.

In California, *I. kingii* var. *kingii* is known from approximately 11 occurrences in Mono and Inyo counties.

I. kingii var. *kingii* is currently on CNPS List 1B.2 (Plants rare, threatened or endangered in California and elsewhere). It is also known from the states of Nevada and Utah. The New York Botanic Garden's Vascular Plant Catalog of the Intermountain Region of Western U.S. reports 81 herbarium specimens of *I. kingii* (specimens not identified to variety that are not from the Ash Meadows area of Nevada can be considered var. *kingii* based on information from Barbara Ertter (pers. comm. 2008)) from Nevada and Utah, and 3 specimens from California. NatureServe currently ranks *I. kingii* var. *kingii* (as a synonym of *I. kingii*) as a G3 (Vulnerable) taxon. Jim Morefield (pers. comm. 2008) states that, "its global distribution warrants G4 rather than G3," and that he has, "seen it in just about every valley-bottom persistent alkali meadow habitat (he has) encountered across the Great Basin of Nevada."

In California, *I. kingii* var. *kingii* is threatened by off-road vehicles, and possibly by grazing.

The number of herbarium specimens from Nevada and Utah, and information from Barbara Ertter, Jim Morefield and others suggest that *I. kingii* var. *kingii* is more common outside of California. Consequently, CNPS and CNDDDB recommend that it be re-ranked from List 1B.2 to List 2.2.

Recommended Action

CNPS: Re-rank from CNPS List 1B.2 to List 2.2

CNDDDB: Re-rank in CNDDDB from G3T2Q, S2.2 to G4T3Q, S2.2

Revised CNPS *Inventory* record:

Ivesia kingii S. Watson var. *kingii*

alkali ivesia

Roseaceae

List 2.2

Inyo (INY), Mono (MNO); Nevada (NV), Utah (UT)

Laws (413A) 3711843, Fish Slough (413B) 3711844, Chidago Canyon (432C)

3711854, Watterson Canyon (433B) 3711866, Casa Diablo Mountain (433D)

3711855, Whitmore Hot Springs (434A) 3711867, River Spring (451A) 3711885,

Indian Meadows (451B) 3711886, Benton Hot Springs (451D) 3711875

Great Basin scrub (GBScr), Meadows and seeps (Medws), Playas (Plyas)/mesic,
alkaline, clay; Elev. 1200-2130 meters.

Herb (perennial), blooms May-October.

Known in CA from approximately ten occurrences. Threatened by vehicles, and possibly by grazing.