

Re-ranked from List 3 to List 2.3 on 7/9/08

Rare Plant Status Review:

Ivesia arizonica* var. *arizonica

Nicholas Jensen (CNPS) and Roxanne Bittman (CNDDDB)

June 6, 2008

Changes made since the original status review appear in blue.

Ivesia arizonica var. *arizonica* is perennial herb in the Rosaceae. In California, *I. arizonica* var. *arizonica* occurs in crevices in **limestone** rock formations within pinyon-juniper woodland, subalpine forest, and upper montane coniferous forest from 1200 to 3100 meters in elevation.

I. arizonica var. *arizonica* is currently on CNPS List 3 (Plants about which we need more information- A Review List). In California, this taxon is currently known from four occurrences in Inyo County. Two of the occurrences are the result of historical collections from the 1930's. The other two occurrences result from observations by reputable botanists made in 2000 and 2001, respectively. *I. arizonica* v. *arizonica* is also known from Arizona, Nevada, and Utah. *I. arizonica* v. *arizonica* is considered rare in Utah and is ranked as S1 (< 6 element occurrences) by NatureServe. Barbara Ertter (pers. comm. 2008) states that, "while it is certainly not a common species, there are sufficient populations in southern Nevada and northern Arizona with no imminent threats that it is reasonably well off, especially since it generally occurs on remote cliffs (meaning out of reach of grazers, and with a high probability of additional undiscovered populations)." As a result, NatureServe's Rounded Global Status for *I. arizonica* v. *arizonica* is T3 (between 21 and 100 element occurrences).

There are no known threats to the occurrences of *I. arizonica* v. *arizonica* in California. All four California occurrences are located within Death Valley National Park. Attempts should be made to relocate historical collections of *I. arizonica* v. *arizonica* and to locate additional occurrences where suitable habitat exists.

Based on our current understanding on its distribution, rarity, and endangerment, CNPS and CNDDDB recommend that *I. arizonica* v. *arizonica* be re-ranked from List 3 to List 2.3 in the CNPS Inventory.

Recommended Action

CNPS: Re-rank from CNPS List 3 to List 2.3

CNDDDB: Keep on CNDDDB G3G4T3T4, S1.3

Revised CNPS *Inventory* record:

Ivesia arizonica (J.T. Howell) B. Ertter var. *arizonica*

yellow ivesia

Rosaceae

List 2.3

Inyo (INY), Arizona (AZ), Nevada (NV), Utah (UT)

Panamint (302D) 3611711, East Of Echo Canyon (323A) 3611645, Jackass

Canyon (349D) 3611755, Wahguyhe Peak (368A) 3611781

Pinyon and juniper woodland, subalpine coniferous forest, upper montane
coniferous forest/[carbonate](#), rocky; elevation 1200-3100 meters.

Herb (perennial), blooms May-August.

Known in California from only four occurrences.