

**Rare Plant Status Review: *Lomatium canbyi***  
**Proposed New Add to List 4.3**  
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April 1, 2009

**Background**

*Lomatium canbyi* is an herbaceous perennial in the Apiaceae. It was included in *The Jepson Manual* (1993) and will be included in *The Jepson Manual*, 2<sup>nd</sup> Edition (M. Wetherwax, pers. comm. 2009). It is distinguished from other species of *Lomatium* based on fruit and inflorescence characteristics, its growth habit, and its lack of pubescence. *L. canbyi* flowers between April and June.

In California, *L. canbyi* grows in Great Basin scrub (dominated by *Artemisia tridentata*) and pinyon and juniper woodland habitats from approximately 1300 to 2070 meters in elevation.

*L. canbyi* is known approximately 17 occurrences in northeastern California (most of which occur in the Modoc Plateau). *L. canbyi* has been documented from Lassen, Modoc, Plumas, and Siskiyou counties. *L. canbyi* is also known from Idaho, Nevada, Oregon, and Washington. It is ranked as a G4 taxon by NatureServe and is currently unranked (SNR) in all states in which it occurs.

There are no known threats to occurrences of *L. canbyi*. The population size, population trends, area of occupancy, and land ownership at occurrences of *L. canbyi* are not well known.

*L. canbyi* was last evaluated by CNPS in 1998 as a possible addition to List 4, in preparation for the 6<sup>th</sup> Edition of the CNPS Inventory. At that time, it was considered "too common" by reviewers and was not included in the Inventory.

*L. canbyi* occurs over a relatively large geographic area (it is known from 13 quads in 4 counties) where there is ample suitable habitat. The small number of known occurrences seems to argue for placement on List 2.3, but the abundant suitable habitat and the possibility that *L. canbyi* may be undercollected indicate that List 4.3 may be more appropriate. Consequently, CNPS and CNDDDB recommend that *L. canbyi* be added to List 4.3.

**Recommended Actions**

CNPS: Add to CNPS List 4.3  
CNDDDB: Add to CNDDDB as G4 / S3?

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. If responding No, please provide supporting information.

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**Draft CNPS Inventory Record**

*Lomatium canbyi* (J.M. Coult. & Rose) J.M. Coult. & Rose

Canby's lomatium

Apiaceae

List 4.3

Lassen, Modoc, Plumas, Siskiyou; Idaho, Nevada, Oregon, Washington  
Ash Valley 675C (4112016), Adin 676B (4112028), Susanville 622B (4012046),  
Lake Annie 724A (4112081), Canby 693A (4112047), Halls Canyon 694D  
(4112131), Big Sage Reservoir 709C (4112056), Larkspur Hills 724D (4112071),  
Cedarville 707C (4112052), Infernal Caverns 292D (4112035), Surprise Station  
708C (4112054), Washington Mountain 693B (4112048), Crocker Mtn 587B  
(3912084)

Great Basin scrub, pinyon and juniper woodland. 1300-2070 meters

Perennial herb. Blooms April-June.