

Rare Plant Status Review: *Centromadia parryi* ssp. *rudis*  
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**Background**

*Centromadia parryi* ssp. *rudis* is an annual herb in the Asteraceae. This species is known in California from approximately 34 occurrences in Butte (3), Colusa (7), Glenn (3), Lake (1), Merced (2), Sacramento (1), San Joaquin (4), Solano (7), Sutter (1), and Yolo (5) Counties. This species is treated in *The Jepson Manual* (1993) as *Hemizonia parryi* ssp. *rudis* but will be treated in the new edition of *The Jepson Manual* in the genus *Centromadia*. *C. parryi* ssp. *rudis* occurs in valley and foothill grasslands and vernal pools below 100 meters in elevation. It often occurs in alkali soils and sometimes on roadsides. There are several populations of this species that occur on protected lands, such as the Sacramento National Wildlife Refuge, Stones Lake Wildlife Refuge, Butte Sink Wildlife Area, Gray Lodge Wildlife Area and the Vic Fazio Yolo Wetlands Preserve. While there are few herbarium specimens of this species from the above protected areas, it is thought to be fairly common in the refuges/preserves mentioned above. Some of the occurrences from outside these protected areas were collected in the early 1900's and may be extirpated (due to habitat conversion/alteration); while other populations are on roadsides and are threatened by roadside maintenance activities. Rob Preston also mentions that outside of the refuges, it is pretty uncommon and its habitat has become quite rare. In addition, this species may often be misidentified as *Centromadia* (*Hemizonia*) *pungens*. Potential threats to *C. parryi* ssp. *rudis* include habitat disturbance and possibly grazing and road maintenance. This species was previously reviewed in 2000, right before the 6<sup>th</sup> edition Inventory came out. The general consensus at that time was to leave it out of the *Inventory*.

This subspecies can be distinguished from the similar *Centromadia pungens* and other subspecies of *C. parryi* through the presence of a disk pappus and its rough, puberulent herbage. *C. parryi* ssp. *rudis* is a California endemic that is currently known from approximately 34 occurrences in 10 counties and requires review for inclusion in both the CNPS Inventory and the CNDDDB.

**Recommended Actions**

CNPS: Add to CNPS List 4.2

CNDDDB: Add to CNDDDB as G4T3 / S3.2

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**

*Centromadia parryi* ssp. *rudis*

Asteraceae

"Parry's red tarplant"

List 4.2

Butte, Colusa, Glenn, Lake, Merced, Sacramento, San Joaquin, Solano, Sutter, Yolo

402A [Sandy Mush/3712025], 403D [Los Banos/3712017], [461A? \[Peters/3712181\]](#), 461B? [Stockton East/3712182], 462B [Holt/3712184], 482A [Fairfield South/3812221], 496B [Florin/3812144], 497B [Saxon/3812146], 497D [Courtland/3812135], 498C [Elmira/3812138], 498D [Dozier/3812137], 513B [Grays Bend/3812166], 513C [Davis/3812156], 514C [Winters/3812156], 529B [Sutter Causeway/3812186], 545B [Meridian/3912128], 546A [Colusa/3912221], 546B [Williams/3912222], 547A [Wilbur Springs/3912214], 547D [Salt Canyon/3912213], [561C \[Sanborn Slough/3912138\]](#), 561D [Pennington/3912137], 562A [Princeton/3912241], 562B [Logandale/3912242], 562C [Maxwell/3912232], [562D \[Moulton Weir/3912231\]](#), 577C [Lano Seco/3912158], 578D [Glenn/3912251]

Valley and foothill grasslands, vernal pools / alkaline, vernal mesic, seeps, sometimes roadsides; elevation 0-100 meters.

Annual herb, blooms May-October.

Threatened by habitat [alteration and habitat](#) disturbance. Possibly threatened by grazing and road maintenance. [Protected on several refuges including Sacramento NWR, Colusa NWR, the Llano Seco Unit of the North Valley Wildlife Management Area, the Llano Seco Ranch, and the Vic Fazio Yolo Wetlands Preserve.](#) See *Hemizonia parryi* ssp. *rudis* in *The Jepson Manual* (1993). See *Manual of the Botany of the Region of San Francisco Bay*: 197 (1894) for original description and *Novon* 9: 467 (1999) for revised nomenclature.