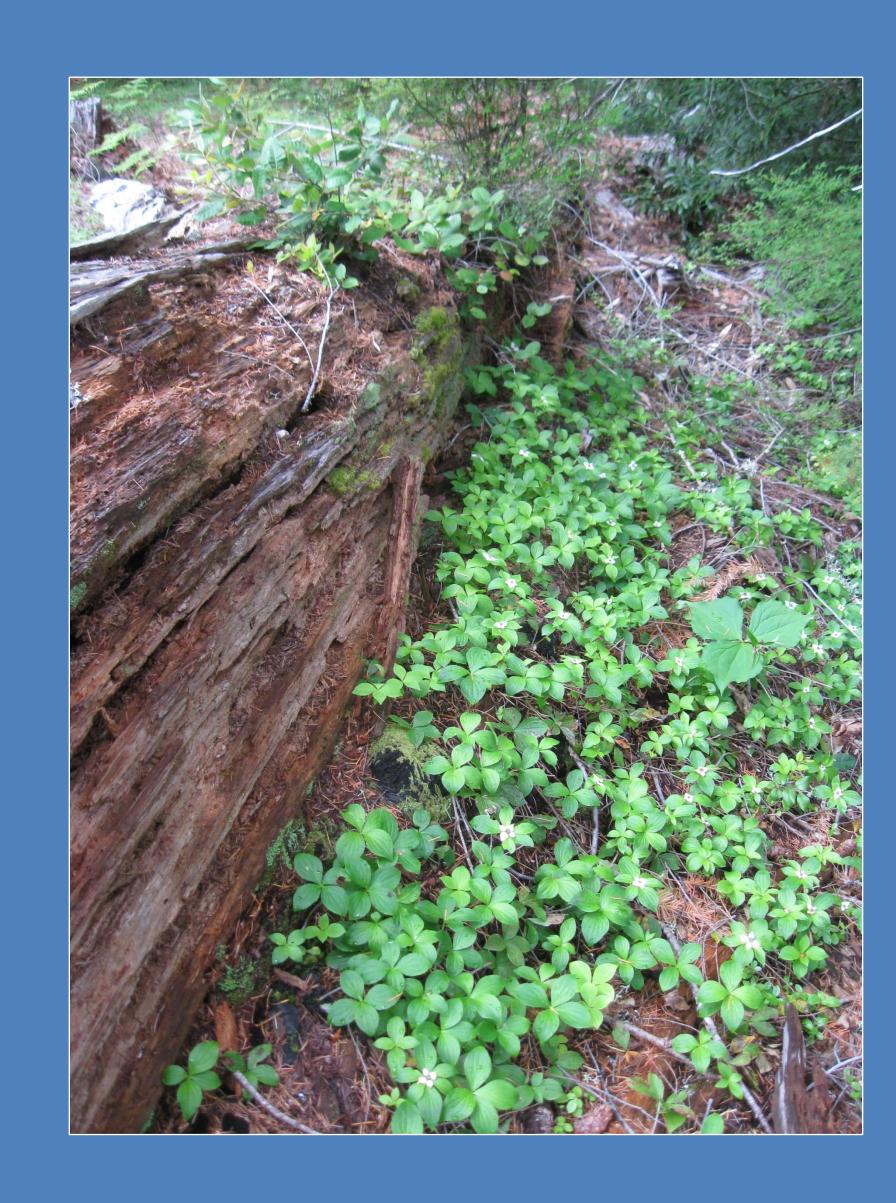
Habitat and Distribution of Cornus canadensis on Snow Camp Mountain

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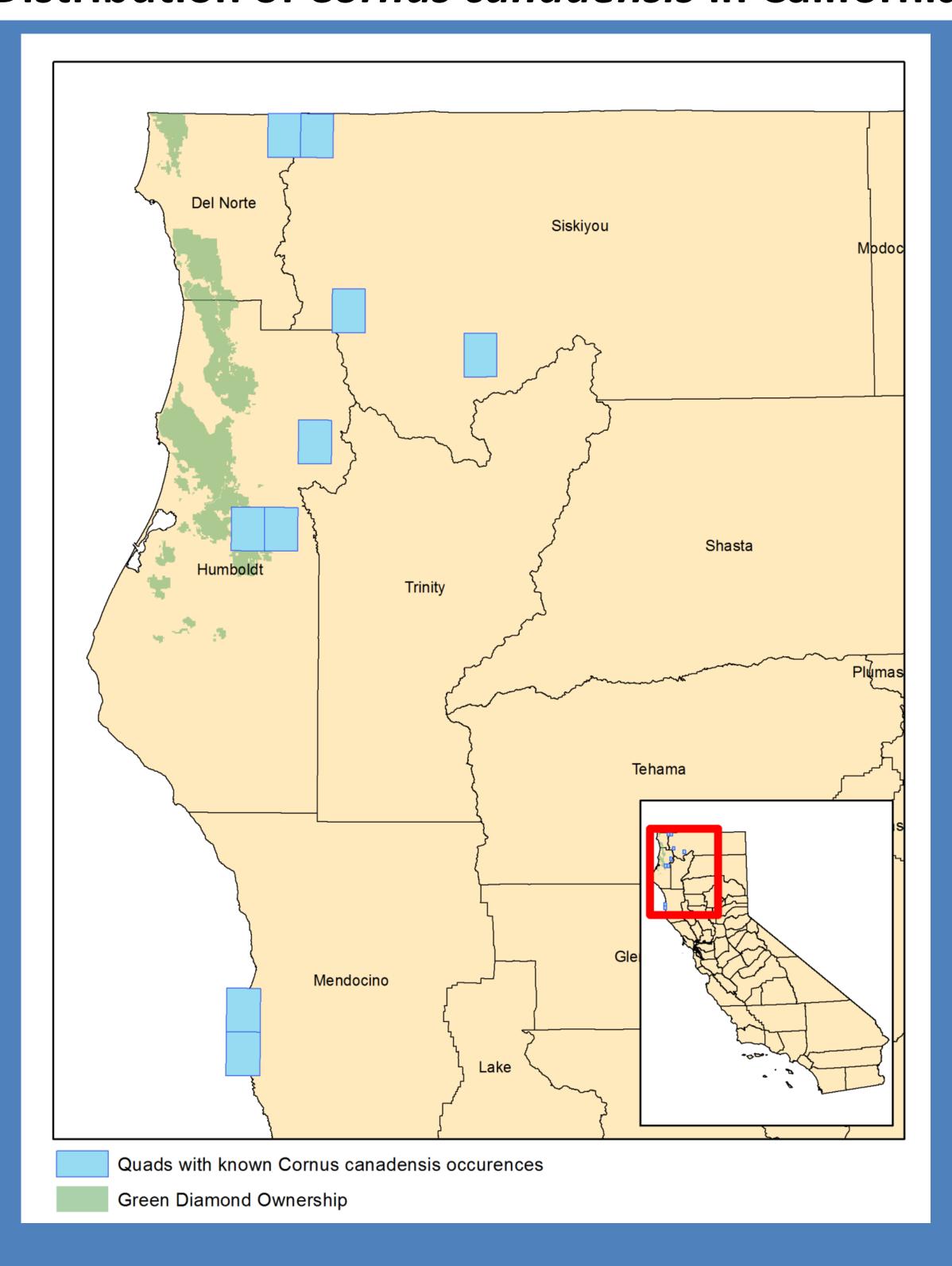
ABSTRACT

Cornus canadensis is a listed plant with a California Rare Plant Rank of 2B.2. When Cornus canadensis was given this rarity status in 2012, Green Diamond Resource Company botanists searched their database for incidental detections of the species. An observation of Cornus canadensis was recorded for a project in the Snow Camp Lake area and it was subsequently relocated. Using the location of this population as a model for what could be considered suitable habitat, other areas within the Snow Camp Mountain area were identified and selected for surveys focused on the detection of Cornus canadensis. In mid-June of 2013, survey efforts in these areas led to 9 new detections. Floristic surveys of timber harvest plans since that time have resulted in a total of 14 Cornus canadensis detections in the Snow Camp Mountain area. The habitats in which these populations are located tend to be the headwaters of small streams, creeks, wet meadows and seeps surrounded by *Pseudotsuga* menziesii var. menziesii, Abies concolor and Notholithocarpus densiflorus var. densiflorus dominated forest at approximately 4000 ft. elevation. Cornus canadensis is often found trailing over woody debris in late stages of decay and through dense vegetation. Populations range in number from 5 plants to as many as 10,000. Cornus canadensis has also been found co-occurring with rare taxa Erythronium revolutum and Bensoniella oregona.





Distribution of *Cornus canadensis* in California



Common Associated Species of Cornus canadensis

Scientific Name	Frequency of Association
Pseudotsuga menziesii var. menziesii	93%
Gaultheria shallon	86%
Vaccinium parvifolium	79%
Blechnum spicant	71%
Berberis nervosa	60%
Vancouveria hexandra	50%
Senecio triangularis	50%

