

**Deleted from California Rare Plant Rank 2B.1 of the CNPS Inventory on
September 17, 2014**

Rare Plant Status Review: *Viburnum edule*
Proposed Deletion from California Rare Plant Rank 2B.1, G5 / S1
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August 12, 2014

Background

Viburnum edule is a deciduous shrub in the Adoxaceae (formerly Caprifoliaceae) that was added to California Rare Plant Rank (CRPR) 2B.1 of the CNPS Inventory in November of 2009. It was first observed in California from McCloud, Siskiyou County in June of 2007 (Lindstrand and Nelson 2008), but has since been identified as *V. opulus* (L. Lindstrand pers. comm. 2014), a plant native to Europe, northern Africa and central Asia (Brickell 2008). Following initial examination by L. Lindstrand, the plant was found to be *Viburnum*, but was unidentifiable to species. Julie Nelson took a second look and tentatively identified it as *V. edule*, and additional material was sent to the Jepson Herbarium for annotation. Herbarium staff confirmed the identification as *V. edule*, noting that the determination “is obvious” (Lindstrand and Nelson 2008).

Since its discovery, an additional occurrence was found in Trinity County, which appeared somewhat different than the McCloud occurrence, and regional botanists thought the identity was suspect (L. Lindstrand pers. comm. 2014). Due to its differences in appearance, and the suspicions from botanists, L. Lindstrand (pers. comm. 2014) decided to send additional material to Bruce Baldwin at the Jepson Herbarium, asking him to review all of the California material. Bruce reviewed the specimens of *Viburnum* from California and determined them all to be *V. opulus*, a non-native plant previously unknown from California. Due to this recent confirmation, *V. edule* is expected to be removed from the Jepson eFlora and replaced with *V. opulus* and L. Lindstrand plans to publish an addendum to the original noteworthy collection in a forthcoming publication of Madroño (L. Lindstrand pers. comm. 2014).

The McCloud occurrence is on private land, adjacent to a golf course just outside the south edge of town (J. Nelson pers. comm. 2009), and the Trinity County occurrence is along Highway 3 near Carrville (*J. P. Smith et al. 12512, HSC100182*). Currently, *Viburnum opulus* has mostly invaded northeastern United States and the eastern midwest (EDDMapS 2014). Since recently discovered in California, its invasiveness here is unknown. California populations should be monitored for potential invasiveness, and kept from possible spread into additional natural habitats.

Based on the available information, CNPS and CNDDDB recommend deleting *V. edule* from CRPR 2B.1 of the CNPS Inventory, and placing it on the Considered But Rejected list.

Recommended Actions

CNPS: Delete from CRPR 2B.1

CNDDDB: Delete from G5 / S1

Current CNPS Inventory Record

Viburnum edule (Michx.) Raf.

squashberry

Adoxaceae

CRPR 2B.1

Colorado, Idaho, Oregon, Washington, Wyoming

Siskiyou

Girard Ridge (681B) 4112222, Carrville (683C) 4112216

Meadows and seeps, riparian scrub; elevation 945 meters

Deciduous shrub. Blooms June-July.

Known from only one occurrence in CA. Potentially threatened by development.

See *Madroño* 55(4):306 (2008) for first CA record.

Revised CNPS Inventory Record

Viburnum edule

Considered But Rejected: Not in CA; misidentification of *V. opulus*; a non-native taxon.

Literature Cited

Brickell, C. (ed.). 2008. *RHS A-Z encyclopedia of garden plants*. Dorling Kindersley, United Kingdom. 1136 pp.

EDDMapS. 2014. Early Detection & Distribution Mapping System. The University of Georgia - Center for Invasive Species and Ecosystem Health. Available online at <http://www.eddmaps.org/>; accessed August 12, 2014.

Lindstrand, L. 2014. Personal phone communication with Aaron Sims, August 11.

Lindstrand, L. III and J. K. Nelson. 2008. Noteworthy collections: California; *Viburnum edule*. *Madroño* 55(4): 306.