

**Amend Section 670.2, Title 14, California Code of Regulations (CCR)  
Plants of California Declared to be Endangered, Threatened, or Rare  
Pursuant to Section 100, Title 1, CCR**

**Background**

The California Fish and Game Commission (Commission) has worked with the California Department of Fish and Wildlife (Department) to determine that non-substantial amendments to regulations regarding minor errors and updates to scientific and common plant species names and families are needed to provide accuracy to the public. The following explanation is for non-substantive changes in Title 14, California Code of Regulations (CCR), Section 670.2 for the endangered, threatened, and rare plants list. These explanations are matched by subsection with the proposed regulatory language in strikethrough and underline.

The Commission has authority for these regulations and requests an amendment to the regulations, in accordance with Section 100, Title 1, CCR, listed below. The amendments to the taxonomy in Section 670.2 constitute “change[s] without regulatory effect,” as described in California Code of Regulations, Title 1, Section 100, and therefore, are exempt from the rulemaking procedure described in Article 5 of the Administrative Procedure Act (Gov. Code, § 11340 et seq.).

The proposed regulatory changes are solely taxonomic and will not result in any regulatory effect. The proposed changes serve to update names and families in Section 670.2 to the currently recognized taxonomy. All of the taxonomic updates follow the [Jepson Manual and the Jepson Online Interchange \(Online Jepson Manual\)](#), which is considered the best resource for California plant taxonomy. In addition, some of the suggested changes are grammatical corrections and fixing of errors (e.g., incorrect subsection numbering and capitalization). The current list of plants designated as endangered, threatened, or rare in California (Section 670.2, title 14) includes some names that are no longer considered valid by the scientific community. The proposed changes will replace some of these obsolete names with valid, currently recognized names. The proposed changes are solely taxonomic and will not result in a change of listing status or protections for any plant species. The proposed regulation change will update certain scientific names, common names, and family names to be consistent with The Jepson Manual and the Jepson Online Interchange. The last time the list was updated was in 2014, and a number of taxonomic changes have accumulated over the last 10 years. Since the last change was 10 years ago, this change is much needed, and it has been prioritized for an effective change date in 2025.

## Proposed Changes

The Commission is proposing changes to the following subsections of regulations in Section 670.2 in Title 14, CCR:

All subsections:

- Update subsection numbering to reflect changes to the alphabetical order of the plant list based on needed changes to scientific names and family placement. Renumber subsections (a)(2) through (a)(33) and renumber subsections (c)(16) through (c)(27) to account for the addition of a new family at subsection (c)(16).to account for the addition of two new families.

(a) Endangered:

- Add new (2) Amaranthaceae (Amaranth Family)
  - Move *Amargosa nitrophila* from the Chenopodiaceae family to the Amaranth family [now (2)(A)].
- Amend (3) Asteraceae (Sunflower Family)
  - (D) Update Crystal Springs fountain thistle to the corrected name of fountain thistle.
  - (E) Update San Luis Obispo fountain thistle to the corrected name of Chorro Creek bog thistle.
- Amend (5) Boraginaceae (Borage of Waterleaf Family)
  - (B) Removal of *Eriodictyn altissimum* (Indian Knob mountainbalm). This item has been moved to the Namaceae subsection (22).
  - (C) *Plagiobothrys diffuses* (San Francisco popcorn flower) renumbered to (B).
- Amend (10) Chenopodiaceae (Goosefoot Family)
  - (B) Removal of *Nitrophila mohavensis* (*Amargosa nitrophila*)
- Amend (16) Fabaceae ((Legume Family)
  - (K) Update *Lupinus milo-bakeri* to the corrected scientific name, *Lupinus milobakeri*. There should not be a hyphen in the scientific name.
- Amend (17) Lamiaceae (Mint Family)
  - (F) Update the capitalization for the common name of Otay Mesa Mint to Otay Mesa mint.
- Amend (21) Malvaceae (Mallow Family)

- (A) Update San Clemente Island bush-mallow to the corrected name of San Clemente Island bushmallow. There should not be a hyphen in the common name.
- (B) Update Santa Cruz Island bush-mallow to the corrected name of Santa Cruz Island bushmallow. There should not be a hyphen in the common name.
- Add (22) Namaceae (Nama Family)
  - (A) Moved Indian Knob mountainbalm from Boraginaceae to Namaceae
- Amend (28) Polygonaceae (Buckwheat Family)
  - (H) Update San Nicholas Island buckwheat to the corrected spelling of the name of San Nicolas Island buckwheat. Also, it should use variety instead of subspecies to keep consistent within the regulations.

(b) Threatened:

- Amend (2) Asteraceae (Sunflower Family)
  - (D) Update *Laphamia inyoensis* to remove the synonym for Inyo rock daisy. Synonyms are generally not listed in 670.2.

(c) Rare:

- Amend (1) Agavaceae (Century Plant Family)
  - (A) Update *Chlorogalum purpureum* variety *reductum* to the corrected scientific name *Hooveria purpurea* variety *reducta*.
- Amend (4) Asteraceae (Sunflower Family)
  - Correctly alphabetize (4) by putting (B) *Eriophyllum congdonii* (Congdon's woolly sunflower) to (E). Then, renumber subsections (4)(C) to (4)(E) to account for the change in order.
- Amend (5) Boraginaceae (Borage or Waterleaf Family)
  - (A) Update *Cryptantha roosiorum* (bristlecone cryptantha) to the corrected name *Oreocarya roosiorum* (bristlecone oreocarya).
  - Remove (5)(B) *Lompoc yerba santa* from the *Boraginaceae* family and move it into *Namaceae* family in subsection (16).
- Amend (11) (Fabaceae (Legume Family)
  - (D) Update *Lupinus padre-crowleyi* to the corrected scientific name *Lupinus padrecrowleyi*. There should not be a hyphen in the scientific name.

- Add (16) Namaceae (Nama Family)
  - (A) move *Eriodictyon capitatum* (Lompoc yerba santa) from (c)(5) to (16)(A).
- Amend (17) Onagraceae (Evening-primrose Family)
  - (B) Update *Oenothera californica* subspecies *eurekensis* to the corrected scientific name *Oenothera avita* subspecies *eurekensis*.