

Addendum : *Cupressus revealiana* (Silba) Bisbee, *comb. nova*, validation as a new species.

Morphological differences between *Cupressus stephensonii* Wolf and *Cupressus revealiana* (Silba) Bisbee, see *Bull CCP* 1 (1): 3-15. More observations were conducted on both species :

- On young saplings the colour of the trunk is different; olive-green or yellowish on the Cuyamaca Cypress and grey on El Rincon Cypress (see figures 1 & 2). This character is quite constant, on all cultivated individuals observed. Diameter of the stems in the photos : *Cupressus stephensonii* – 2.4 cm ; *Cupressus revealiana* – 2.5 cm.

Fig. 1 : *Cupressus stephensonii*, cultivated. Fig. 2 : *Cupressus revealiana*, cultivated.



- On the ultimate shoots, the branching pattern is quite different. For the same size of branchlets, *Cupressus stephensonii* shows one more branching step than *Cupressus revealiana*. The following illustration (fig. 3) demonstrates it. Also note that opposite branching is more frequent on *Cupressus stephensonii* than on *Cupressus revealiana*, where alternate branching is dominant.

Fig. 3 : branching pattern of *Cupressus stephensonii* (left) and *Cupressus revealiana* (right) – ultimate shoots, rank 3.

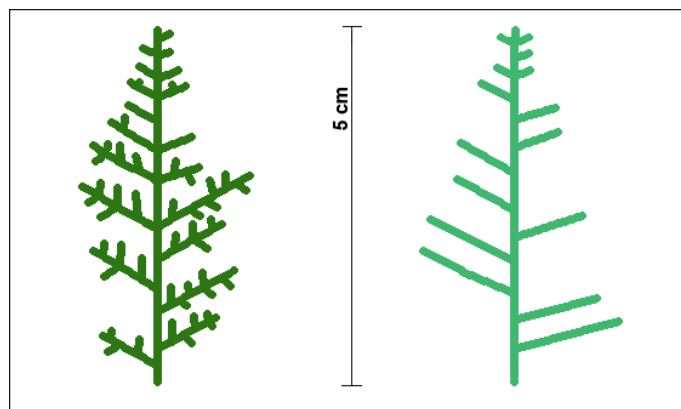


Figure 3 was drawn from actual shoots. The following photos show these branchlets.

Fig. 4 : *Cupressus stephensonii*, cultivated, branching pattern of ultimate shoots.



Fig. 5 : *Cupressus revealiana*, cultivated, branching pattern of ultimate shoots



For further examples with herbarium material from wild populations, see p. 54.

Addendum : new measurements on *Cupressus sempervirens* L. cones.

Data given by A. Camus (1914) on *C. sempervirens* maximum length and number of cone scales.

	Year	Max. length	Scale number
A. Camus	1914	42 mm	14

Camus, A. (1914). *Les Cyprès, (genre Cupressus), monographie, systématique, anatomie, culture, principaux usages*. P. Lechevalier, Paris, France. (p. 29)