

LABIATÆ.

Cuminia brevidens, Benth.

Cuminia brevidens, Benth. in DC. Prodr., xii. p. 258; Gay, Fl. Chil., iv. p. 510.

JUAN FERNANDEZ.—Endemic. In mountain woods—*Bertero*, 1490, in part; *Reed*; *Philippi*.

Cuminia is a shrubby or subarborescent genus restricted to the island of Juan Fernandez.

Cuminia eriantha, Benth. (Plate LVIII.)

Cuminia eriantha, Benth. in DC. Prodr., xii. p. 258; Gay, Fl. Chil., iv. p. 511.

Bystropogon erianthus, Benth., Labiatæ, Suppl., p. 727.

JUAN FERNANDEZ.—Endemic. In the hills—*Mrs Graham*; *Gay*; *Moseley*; *Downton*.

The plant collected by Downton and figured in this work is, in some of its characters, intermediate between typical *Cuminia fernandezia* and *Cuminia eriantha*, and which, perhaps, should rank only as varieties of one species. There is only one specimen in the Kew Herbarium of *Cuminia fernandezia*, and that is perfectly glabrous, except the corolla and a line of short white hairs on each side across the nodes from petiole to petiole. Further, the leaves are narrower, with a cuneate base; the inflorescence is looser, and the peduncles and pedicels are very slender. Typical *Cuminia eriantha* has pubescent branches, leaves (under surface chiefly), inflorescence, and flowers, including the calyx; and the inflorescence is denser, with relatively short, stout peduncle and pedicels. Downton's plant is altogether less hairy, and the calyx is quite glabrous, while the inflorescence is nearly as loose as that of *Cuminia fernandezia*.

The flowers of all the species of *Cuminia* are dimorphic and functionally unisexual; the two forms often occurring in the same inflorescence, though the male flowers are much more numerous than the females in all the specimens examined. Some of the specimens bear, or rather bore, for they are all fallen, male flowers only, which, soon after they have discharged their pollen, disarticulate close under the calyx. As represented in the accompanying figure of *Cuminia eriantha*, the corolla of the male flowers is considerably larger, the shorter style does not reach the anthers, and only rudimentary ovules were found. The female flowers contain rudimentary stamens, some of them with and some of them without anthers, and always (?) destitute of pollen. Possibly the flowers are sometimes polygamously monœcious.

Cuminia fernandezia, Colla.

Cuminia fernandezia, Colla in Mem. Accad. Sc. Torino, xxxviii. p. 139 (reprint, p. 25), t. 47; DC., Prodr., xii. p. 258; Gay, Fl. Chil., iv. p. 510.

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Not in any of the recent collections.