

Cyclosorus dentatus (Forssk.) Ching

Family

Thelypteridaceae

Hawaiian Name

pai'i'iha

Synonyms

Polypodium dentatum Forssk.; **Christella dentata* (Forssk.)
Brownsey & Jermy; *Thelypteris dentata* (Forssk.) E. P. St. John

Habitat

terrestrial.

Description

Rhizomes (stems): creeping, usually around 0.7 cm diam., with scales. Scales medium to dark brown (may be tinged red), concolorous.

Fronds (leaves): erect (may be arching), 50-100 cm long, not proliferous.

Stipes (petioles): not winged, grooved, purple/purplish-black, occasionally green or straw-colored, concolorous, with scales and hairs. Scales somewhat clathrate, medium to dark brown (may be tinged red), sparse, only at extreme base. Hairs clear/white, dense throughout.

Vasculature at base of stipe (petiole): two elongate/crescent-shaped vascular bundles.

Blades: pinnate-pinnatifid, lanceolate/ovate, margins entire, apex pinnatifid, lamina incised 1/2-3/4 to midrib, with hairs, rarely with glands. Hairs clear/white, dense throughout.

Veins: prominent, 1-2 vein pairs uniting to form an excurrent vein to sinuses, not uniting to form a marginal or costal commissural vein, not forked.

Pinnae: longest pinna 6-14 cm long, linear-lanceolate/ovate, (2-)3-6 proximal pinna pairs reduced in size.

Rachises (midribs): not winged, grooved, purple/purplish-black, occasionally green or straw-colored, with hairs. Hairs clear or white, dense throughout.

Costae: costal groove not continuous with rachis groove, with hairs.

Sori: round, medial, (8-)10(-12) sori per segment, paraphyses present.

Indusia: present, round/reniform.

Island Distribution

Kaua'i, O'ahu, Moloka'i, Lāna'i, Maui, and Hawai'i

Status

Naturalized

Occurrence



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Common

Elevational Range

10-1250 m