

Adenophorus periens L. E. Bishop

Family

Polypodiaceae

Hawaiian Name

palai la'au

Synonyms

Adenophorus pinnatifidus sensu auct., non Gaudich; *Polypodium adenophorus* sensu auct, non Hook. & Arn.

Habitat

epiphytic.

Description

Rhizomes (stems): decumbent to creeping , (2-)3-4.5 cm diam., with scales. Scales somewhat clathrate, light to dark brown (may be tinged red), concolorous.

Fronds (leaves): pendent, 10-40 cm long .

Stipes (petioles): 1/30 frond length to nearly absent , winged, not grooved, medium brown to black, concolorous, with hairs. Hairs multicellular, uniseriate, clear to light brown, sparse to dense throughout.

Vasculature at base of stipe (petiole): multiple vascular bundles forming a C-shape.

Blades: pinnatifid/pinnatisect, linear or oblong, margins entire or undulate to crenate, lamina incised 3/4 or more to midrib, with hairs. Hairs multicellular (uniseriate), clear to light brown, sparse to dense throughout. Glands absent .

Veins: free.

Ultimate segments: oblong to oblong-triangular, acute, occasionally obtuse, twisting upwards (in planes different from plane of frond) .

Rachises (midribs): not grooved, medium brown to black, with hairs.

Sori: round, costal to medial, not wider than ultimate segments, 1-6(-12) per segment , paraphyses present.

Indusia: absent.

Island Distribution

Kaua'i, O'ahu (extinct), Moloka'i, Lāna'i, Maui (extinct), and Hawai'i

Status

Endemic

Occurrence



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Endangered

Elevational Range

700-1300 m