

Adenophorus tripinnatifidus Gaudich.

Family

Polypodiaceae

Hawaiian Name

none known

Synonyms

Adenophorus hillebrandii (Hook.) K. A. Wilson; *Amphoradenium gaudichaudii* Desv.; *Amphoradenium hillebrandii* (Hook.) Copel.; *Polypodium hillebrandii* Hook.; *Polypodium tamariscinum* sensu Hook. & Baker, non Kaulf.; *Polypodium tamariscinum* Kaulf. var. *hillebrandii* (Hook.) E. Bailey; *Polypodium tamariscinum* var. *tripinnatifidum* (Gaudich.) Hillebr.; *Polypodium tripinnatifidum* (Gaudich.) C. Presl

Habitat

epigeous.

Description

Rhizomes (stems): long-creeping, 0.1-0.35(-0.40) cm diam., with scales. Scales somewhat clathrate, light to dark brown (may be tinged red), concolorous.

Fronds (leaves): erect, (8-)12-25(-50) cm long.

Stipes (petioles): 0.8-1.4 mm diam., 1/2-1/8 frond length, winged, not grooved, light brown to black, concolorous, with glands.

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

Blades: bipinnate-pinnatifid to tripinnate, occasionally bipinnate, oblong, oblong-triangular or lanceolate/ovate, margins entire, with glands. Glands dark reddish brown or red.

Veins: free.

Pinnae: longest pinna 1-6 cm long, oblong, oblong-triangular or lanceolate/ovate, proximal pinnae markedly reduced in size or not.

Ultimate segments: 0.3-0.8 cm long, up to 10 pairs, linear/oblong or obovate/oblanceolate, acute.

Acroscopic proximal segments: enlarged, pinnatifid.

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

Costae: with glands.

Sori: round, usually not wider than ultimate segments, 1 per segment, paraphyses present.

Indusia: absent.

Island Distribution

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

Status



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Endemic

Occurrence

Occasional or locally common

Elevational Range

600-1950 m