

Elaphoglossum alatum Gaudich.

Family

Dryopteridaceae

Hawaiian Name

'ekaha, hoe a Maui



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Synonyms

Acrostichum sessile Fée; *Elaphoglossum rockii* Copel.; *Elaphoglossum sessile* (Fée) T. Moore

Habitat

terrestrial, occasionally epiphytic.

Description

Rhizomes (stems): creeping, (2-)3-7 cm diam., with scales. Scales (8-)10-25 mm long, somewhat clathrate, light to dark brown (may be tinged red), concolorous, lanceolate/ovate, twisted .

Fronds (leaves): erect, (25-)35-60 cm long.

Stipes (petioles): 1/30 frond length or absent, winged , not grooved, green or light brown/tan/straw-colored, with scales. Scales light to medium brown (may be tinged red), concolorous, sparse throughout or dense only at base and sparse distally.

Vasculature at base of stipe (petiole): numerous round vascular bundles arranged into a semicircle or ring-shape.

Blades: simple, linear, oblong, elliptic, or obovate/oblanceolate, margins entire, may be undulate, dimorphic, chartaceous, squamulose. Squamules (scales) light to medium brown (may be tinged red), sparse/scattered to moderately dense throughout.

Veins: free, uniting to form a marginal commissural vein , forked once, occasionally forked two or more times.

Rachises (midribs): not grooved, green or light brown/tan/straw-colored, with scales. Scales somewhat clathrate, light to medium brown (may be tinged red), concolorous, sparse to dense throughout.

Sori: acrostichoid , not arranged into discrete sori.

Indusia: absent.

Island Distribution

O'ahu

Status

Endemic

Occurrence

Common

Elevational Range

450-1100 m