

Stenogrammitis saffordii (Maxon) Labiak

Family

Polypodiaceae

Hawaiian Name

kihe

Synonyms

Polypodium saffordii Maxon; *Grammitis saffordii* (Maxon) C.V. Morton; **Lellingeria saffordii* (Maxon) A. R. Sm. & R. C. Moran; *Polypodium minimum* Backenr.; *Polypodium serrulatum* var. *latum* Luerss.; *Xiphopteris saffordii* (Maxon) Copel.

Habitat

epiphytic.

Description

Rhizomes (stems): decumbent to erect, up to 0.3 cm diam., with scales. Scales clathrate, dark brown (may be tinged red) to black, concolorous.

Fronds (leaves): erect (may be arching or drooping), occasionally pendent, 2.5-12.5 cm long .

Stipes (petioles): 1/10-1/30 frond length or absent, winged, not grooved, medium to dark brown (may be tinged red) to black, concolorous, with scales. Scales clathrate, dark brown (may be tinged red) to black, concolorous, sparse or dense only at the extreme base, glabrous distally, lanceolate/ovate.

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

Blades: lobate/pinnatifid/pinnatisect , linear, chartaceous, lamina incised 1/4-3/4 or more to midrib, with hairs. Hairs unicellular, sharp-tipped (acicular), clear to medium brown (may be tinged red), sparse/scattered throughout.

Veins: prominent, free, not uniting to form a marginal or costal commissural vein, not forked.

Rachises (midribs): not grooved, medium to dark brown (may be tinged red) to black, with hairs. Hairs unicellular, sharp-tipped (acicular), clear to medium brown, sparse throughout.

Sori: round, costal to medial, 1 per segment, forming a coenosorus in distal 1/4-2/3 of frond , paraphyses absent.

Indusia: absent.

Island Distribution

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

Status

Endemic

Occurrence

Common



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Elevational Range

900-1800 m