

Polypodium pellucidum Kaulf. var. acuminatum D. Palmer

Family

Polypodiaceae

Hawaiian Name

'ae, 'ae lau nui

Habitat

terrestrial, rarely epiphytic.

Description

Rhizome (stem): creeping, phyllopodia present, with scales.

Scales non-clathrate, light brown, concolorous.

Fronds (leaves): usually less than 40(-55) cm long, erect (may be arching), not forming rosettes.

Stipes (petioles): not grooved, straw-colored or light to medium brown (may be tinged red), with scales. Scales non-clathrate, with glandular hairs, dark brown (may be tinged red) to black, dense only on phyllopodia, glabrous distally.

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

Blades: pinnatisect to fully pinnate at base, crenate to serrate, coriaceous, with hairs. Hairs multicellular (uniseriate), dense throughout. Lobes not twisted upwards, not imbricate, up to 32 pairs, acuminate .

Veins: prominent, often anastomosing to form several areoles at lobe bases, not uniting to form a marginal or costal commissural vein, false veins absent .

Rachises (midribs): not grooved, straw-colored or light to medium brown (may be tinged red).

Costae: with hairs.

Sori: round, medial.

Indusia: absent.

Island Distribution

Kaua'i and Maui

Status

Endemic

Occurrence

Uncommon

Elevational Range



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1000-1300 m