

Microlepidia speluncae (L.) T. Moore

Family

Dennstaedtiaceae

Hawaiian Name

none known

Synonyms

Polypodium speluncae L.; *Aspidium speluncae* (L.) Willd.; *Davallia andersonii* Baker.; *Davallia flaccida* R. Br.; *Davallia speluncae* (L.) Baker; *Dicksonia flaccida* sensu Hook. & Arn., non Sw.; *Leptolepidia andersonii* Mett.; *Microlepidia jamaicensis* sensu Hillebr., non Fée; *Microlepidia strigosa* (Thunb.) C. Presl var. *hirta* Hillebr.

Habitat

terrestrial.

Description

Rhizome (stem): creeping, 1.5-1.6 cm diam., with hairs.

Fronds (leaves): usually more than 100 cm long, occasionally to 300 cm, erect (may be arching or drooping), not forming rosettes, not proliferous.

Stipes (petioles): not winged, grooved, reddish brown or straw-colored, with hairs. Hairs multicellular (uniseriate), clear/white or light brown, sparse to dense at base, sparse distally.

Vasculature at base of stipe (petiole): single vascular strand forming a gutter-shape.

Blades: tripinnate to tripinnate-pinnatisect, deltate-elongate, margins entire or toothed, chartaceous, glabrous or with hairs. Hairs multicellular (uniseriate), clear/white or light brown, sparse/scattered throughout.

Veins: embedded in and darker than lamina, free, not uniting to form a marginal or costal commissural vein, not uniting to form an excurrent vein to sinuses, forked once.

Pinnae: alternate, triangular/deltate, proximal pinnae not or minimally reduced in size.

Ultimate segments: oblong or lanceolate/ovate, apex obtuse.

Acroscopic proximal segments: enlarged.

Rachises (midribs): not winged, grooved, straw-colored or reddish brown, glabrous or with hairs. Hairs multicellular (uniseriate), clear/white or light brown, sparse throughout.

Costae: without awns, costal groove continuous with rachis groove, glabrous or with hairs.

Sori: submarginal, paraphyses present or absent.

Indusia: present, cup-shaped, or attached at bases only and open at sides, opening toward lamina margin (outward).

Island Distribution



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

Status

Indigenous

Occurrence

Uncommon to occasionally locally common

Elevational Range

480-1280 m