

Deparia petersenii (Kunze) M. Kato

Family

Athyriaceae

Hawaiian Name

none known

Synonyms

Asplenium petersenii Kunze; *Allantodia deflexa* Kunze; *Asplenium deflexum* (Kunze) T. Moore; *Asplenium lasiopteris* (Kunze) Mett.; *Asplenium thwaitesii* A. Braun ex Mett.; *Asplenium toppingianum* Copel.; *Athyrium congruum* (Brack.) Copel.; *Athyrium copelandii* H. Christ; *Athyrium oshimense* H. Christ; *Athyrium thwaitesii* (A. Braun ex Mett.) Milde; *Diplazium acrotis* H. Christ; *Diplazium allorgei* Tardieu; *Diplazium fimbriichlamys* Nakai; *Diplazium oshimense* (H. Christ) H. Itô; *Diplazium thwaitesii* (A. Braun ex Mett.) Klotzsch ex T. Moore; *Lunathyrium fimbriichlamys* (Nakai) Sa. Kurata; *Lunathyrium petersenii* (Kunze) H. Ohba



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Habitat

terrestrial.

Description

Rhizomes (stems): creeping to decumbent, 0.3-0.4 cm diam., with scales. Scales medium to dark brown (may be tinged red), concolorous.

Fronds (leaves): erect (may be arching or drooping), 30-60 cm long, not proliferous .

Stipes (petioles): 10-30 cm long, not winged, grooved, light to dark brown (may be tinged red), with scales and hairs. Scales somewhat clathrate and hairlike, light to dark brown (may be tinged red), concolorous, dense throughout, lanceolate/ovate. Hairs multicellular (uniseriate), clear/white, dense throughout .

Vasculature at base of stipe (petiole): two elongate/crescent-shaped vascular bundles.

Blades: pinnate-pinnatifid/pinnatisect, deltate or lanceolate/ovate, margins serrate, with scales and hairs. Scales hairlike, light or golden brown/tan, sparse/scattered throughout. Hairs multicellular (uniseriate), clear/white, dense throughout .

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

Pinnae: 8-12 pairs, lanceolate/ovate, proximal pinnae not or minimally reduced in size .

Ultimate segments: obtuse.

Rachises (midribs): not winged, grooved, medium to dark brown (may be tinged red), with scales and hairs. Scales somewhat clathrate and hairlike, medium to dark brown (may be tinged red), concolorous, dense throughout. Hairs multicellular (uniseriate), clear or white, dense throughout .

Costae: costal groove not continuous with rachis groove , with hairs.

Sori: linear along veins, in lines extending toward margin, paraphyses absent.

Indusia: present, linear, opening toward midrib (inward).

Island Distribution

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

Status

Naturalized

Occurrence

Common

Elevational Range

170-1325 m