

Doryopteris decipiens (Hook.) J. Sm.

Family

Pteridaceae

Hawaiian Name

'iwa'iwa, kumuniu, manawahua

Synonyms

Pteris decipiens Hook.; *Doryopteris decora* Brack. var. *decipiens* (Hook.) R. M. Tryon; *Doryopteris pedata* sensu Brack., non (L.) Fée; *Litobrochia decipiens* (Hook.) T. Moore; *Pteris pedata* sensu Hook. & Arn., non Willd.

Habitat

terrestrial or lithophytic.

Description

Rhizome (stem): decumbent to erect, with scales. Scales non-clathrate, bicolorous, medium brown with dark centers.

Fronds (leaves): usually 20-30(-45) cm long, erect (may be arching).

Stipes (petioles): to 1-1.3 mm diam., to 12-24 cm long, **winged**, longer than the blade, purplish-black/black, **concolorous**, **glabrous** or with scales. Scales non-clathrate, bicolorous, medium brown with dark centers, sparse, only at the extreme base.

Blades: 3.5-15 cm wide, pinnate-pinnatisect to bipinnate, triangular/deltate, margins entire, may be undulate, revolute, occasionally crenate, apex pinnatifid, coriaceous, glabrous.

Veins: obscure, free or partially anastomosed.

Pinnae: 3-6 pairs, oblong-lanceolate/ovate, proximal pinnae not or minimally reduced in size, distance between first and second pinna pairs equal to the distance between third and fourth pinna pairs.

Ultimate segments: oblong-triangular or oblong-lanceolate, falcate.

Basiscopic proximal segments: enlarged, pinnatifid.

Rachises (midribs): winged throughout, not grooved, purplish-black/black, glabrous.

Sori: marginal coenosorus, paraphyses absent.

Indusia: false indusium, linear, opening toward midrib (inward).

Island Distribution

Ni'ihau, Kaua'i, O'ahu, Moloka'i, Lāna'i, Kaho'olawe, Maui, and Hawai'i

Status

Endemic



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Occurrence

Common

Elevational Range

30-915 m