

Cyclosorus cyatheoides (Kaulf.) Farw.

Family

Thelypteridaceae

Hawaiian Name

kikawaio, kikawaioa, pakikawaio

Synonyms

Aspidium cyatheoides Kaulf.; *Aspidium dubrueillianum* Gaudich.;
**Christella cyatheoides* (Kaulf.) Holttum; *Christella exindusiata*
(W. H. Wagner) Nakaïke & Kawabata; *Cyclosorus exindusiata* (W.
H. Wagner) W. H. Wagner; *Dryopteris cyatheoides* (Kaulf.)
Kuntze; *Nephrodium cyatheoides* (Kaulf.) Hook.; *Nephrodium*
dubrueillianum (Gaudich.) Hook. & Arn.; *Thelypteris cyatheoides*
(Kaulf.) Fosberg; *Thelypteris exindusiata* W. H. Wagner

Habitat

terrestrial or lithophytic.

Description

Rhizomes (stems): decumbent to erect, usually greater than 3 cm diam. , with scales. Scales medium to dark brown (may be tinged red), concolorous.

Fronds (leaves): erect (may be arching), (25-)50-200 cm long, not proliferous.

Stipes (petioles): not winged, grooved, light brown/tan/straw-colored, with scales and hairs. Scales medium to dark brown (may be tinged red), concolorous, sparse, only at the extreme base. Hairs clear/white, dense throughout.

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

Blades: pinnate, lanceolate/ovate, margins toothed to lobed, apex conform , glabrous or with hairs, occasionally with glands. Hairs clear/white, sparse/scattered to dense throughout.

Veins: prominent, 3-10 vein pairs uniting to form an excurrent vein to sinuses , without included veinlets, not uniting to form a marginal or costal commissural vein, not forked.

Pinnae: 18-26 pairs, longest pinna 7-30 cm long, oblong-lanceolate/ovate, occasionally falcate, proximal pinnae not or minimally reduced in size , rarely markedly reduced in size.

Rachises (midribs): not winged, grooved, light brown/tan/straw-colored, with hairs. Hairs clear/white, dense throughout.

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

Sori: round, costal to submedial, (8-)10(-18) per segment, paraphyses present.

Indusia: present or absent, round/reniform.

Island Distribution



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

Status

Endemic

Occurrence

Locally common

Elevational Range

120-1400 m