

# Asplenium excisum C. Presl

## Family

Aspleniaceae

## Hawaiian Name

pamoho

## Synonyms

*Asplenium rahaoense* Y. Yabe ex Matsum. & Hayata; *Asplenium resectum* sensu Hillebr., non Sm.; *Asplenium unilaterale* sensu auct., non Lam.; *Asplenium unilaterale* var. *rahaoense* (Y. Yabe) Hayata; *Hymenasplenium excisum* (C. Presl) Hayata; *Hymenasplenium rahaoense* (Y. Yabe ex Matsum. & Hayata) H. Itô ex Tuyama

## Habitat

terrestrial or lithophytic.

## Description

**Rhizome (stem):** creeping, up to 0.4 cm diam., with scales. Scales clathrate, dark brown to purplish-black/black, concolorous.

**Fronds (leaves):** 25-60 cm long, erect (may be arching or drooping) or pendent, not forming rosettes, not proliferous, young leaves green.

**Stipes (petioles):** not winged, grooved, 1/2-1/3 frond length, medium to dark brown or purplish-black/black, concolorous, glabrous or with scales/fibrils. Scales clathrate, dark brown to purplish-black/black, concolorous, sparse, only at the extreme base.

**Vasculature at base of stipe (petiole):** back-to-back C-shaped, fusing distally into a X-shape.

**Blades:** 5-11 cm wide, pinnate, oblong-triangular/lanceolate, upper margins with coarse teeth, teeth often in pairs on small lobes, apex pinnatifid, tapering abruptly to a tail-like terminus, membranous, glabrous.

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

**Pinnae:** longest pinna 3-7 cm long, 14-25 pairs, alternate, dimidiate, proximal halves of lower margins moderately to strongly concave, proximal pinnae not or minimally reduced in size.

**Rachises (midribs):** winged or not winged, grooved, medium to dark brown or purplish-black/black.

**Costae:** costal groove continuous with rachis groove, glabrous.

**Sori:** linear, along veins, in lines extending toward margin, to 5 mm long, paraphyses absent.

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

## Island Distribution

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



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**Status**

Indigenous

**Occurrence**

Locally common

**Elevational Range**

200-1830 m