

# Sadleria souleyetiana (Gaudich.) T. Moore

## Family

Blechnaceae

## Hawaiian Name

'ama'u, 'ama'uma'u, ma'u, ma'uma'u, pua'a 'ehu'ehu

## Synonyms

*Blechnum souleyetianum* Gaudich.; *Sadleria souleyetiana* f.  
*brevisora* Hochr.

## Habitat

terrestrial.

## Description

Rhizome (stem): decumbent to erect or forming a caudex, 3-10 cm diam., with scales.

Fronds (leaves): 50-350 cm long, erect (may be arching or drooping), forming rosettes, not **proliferous**, young leaves pink to red.

Stipes (petioles): 8-30 mm diam., 53-189 cm long, not winged, grooved, tan to medium brown, stipules and pulvini absent, with scales. Scales **non-clathrate**, tan, thin, paper-like, resembling wet tissue paper, usually **concolorous**, without glandular hairs, dense only at base, glabrous distally, lanceolate/ovate .

Vasculature at base of stipe (petiole): numerous round vascular bundles arranged into a semicircle or ring-shape.

Blades: pinnate-pinnatisect to bipinnate , lanceolate/ovate, margins entire, coriaceous, with hairs, occasionally glabrous. Hairs multicellular (uniseriate), clear to light brown, dense (occasionally sparse) throughout.

Veins: prominent, free except where they unite to form pericostal arches, not uniting to form an excurrent vein to sinuses, forked, not touching margins .

Pinnae: longest pinna 35-52 cm long , 36-63 pairs, alternate, linear-lanceolate to elliptic, falcate.

Ultimate segments: 1.2-3.3 cm long, (3.5-)4-6 mm wide, (40-)60-90 pairs , linear/oblong or falcate, apex acute or obtuse.

Basiscopic proximal segments: usually enlarged, overlapping rachis, pinnatifid .

Rachises (midribs): not winged, grooved, tan to medium brown, glabrous.

Costae: with scales.

Sori: linear, costal , 2 per segment.

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

## Island Distribution



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basiscopic basal segments

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scales

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

**Status**

Endemic

**Occurrence**

Occasional

**Elevational Range**

400-1550 m