

Frankenia triandra Remy

Frankeniaceae

Syn.: *Anthobryum aretioides* Phil., *A. clarenii* (R.E.Fr.) Cabrera, *A. tetragonum* Phil., *A. triandrum* (Remy) Surgis, *Frankenia clarenii* R.E.Fr., *Pycnophyllum sulcatum* Griseb.

Description: Shrubs, 5–20 cm tall, forming dense cushions, glabrous, branches prostrate, densely imbricately leafy, leaves opposite, elliptic to oblong, 1.4–4 mm long, flowers white to pinkish, 2–3 mm long, sessile, solitary, terminal.

Distribution: South America (Peru, Bolivia, Chile, Argentina).

Habitat: Alpine grasslands, dry puna.



CC0 1.0, US National Herbarium, Department of Botany, NMNH, Smithsonian Institution

Stem with a diameter of 14 mm. Rings absent. Analyzed: 1 individual. Slides only red-stained (Safranin).

Xylem

Transverse section

Rings absent. Vessel diameter 15–20 μm . Vessel outline round. Vessels lignified, thick-walled. Fibers lignified, thin- to thick-walled. Parenchyma paratracheal.

Tangential section

Rays uniseriate.

Radial section

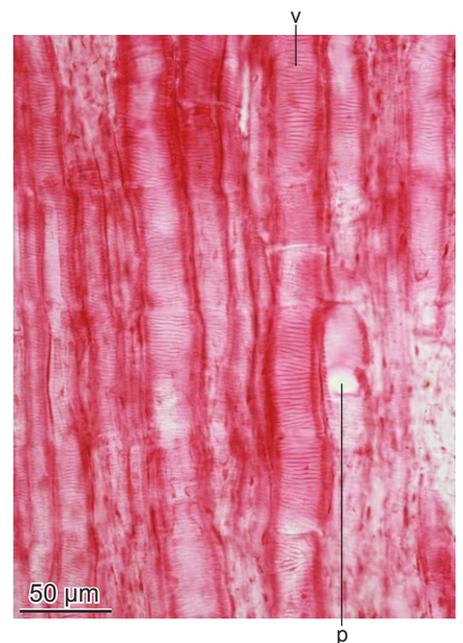
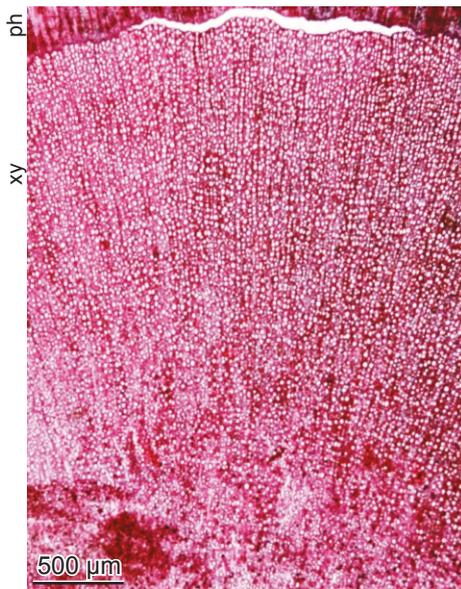
Perforation plates simple. Intervessel pits scalariform. Vessel length 80–100 μm . Fiber pits small, simple, round. Ray cells square and upright. Crystals absent.

Bark

No slide available.

Pith

No slide available.



Features according to IAWA and Crivellaro and Schweingruber 2015
Xylem 1 - 5 - 13 - 22 - 40.1 - 50.2 - 52.2 - 61 - 70 - 79 - 96 - 105