

New *Phytologist* Supporting Information

Article title: High-resolution computed tomography reveals dynamics of desiccation and rehydration in fern petioles of a desiccation-tolerant fern

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The following Supporting Information is available for this article:

Short Legend:

Fig. S1 MicroCT scans of *Pentagramma triangularis* showing phloem and chlorenchyma expansion early in the resurrection process, prior to xylem refilling.

Full Legend:

Fig. S1 Repeat scans of two *Pentagramma triangularis* stipes early in the resurrection process, showing expansion of the phloem and chlorenchyma prior to xylem refilling (stipe 1: a-b, stipe 2: c-d). Stipe 1 was imaged in the desiccated state (a) and 6 hrs post watering (b). Stipe 2 was imaged in the desiccated state (c) and 8 hrs post watering (d). Scale bar represents 1 mm.

desiccated

resurrecting

