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Supplementary Material

A comparative structural and functional study of leaf traits and sap flow in *Dracaena cinnabari* and *Dracaena draco* seedlings

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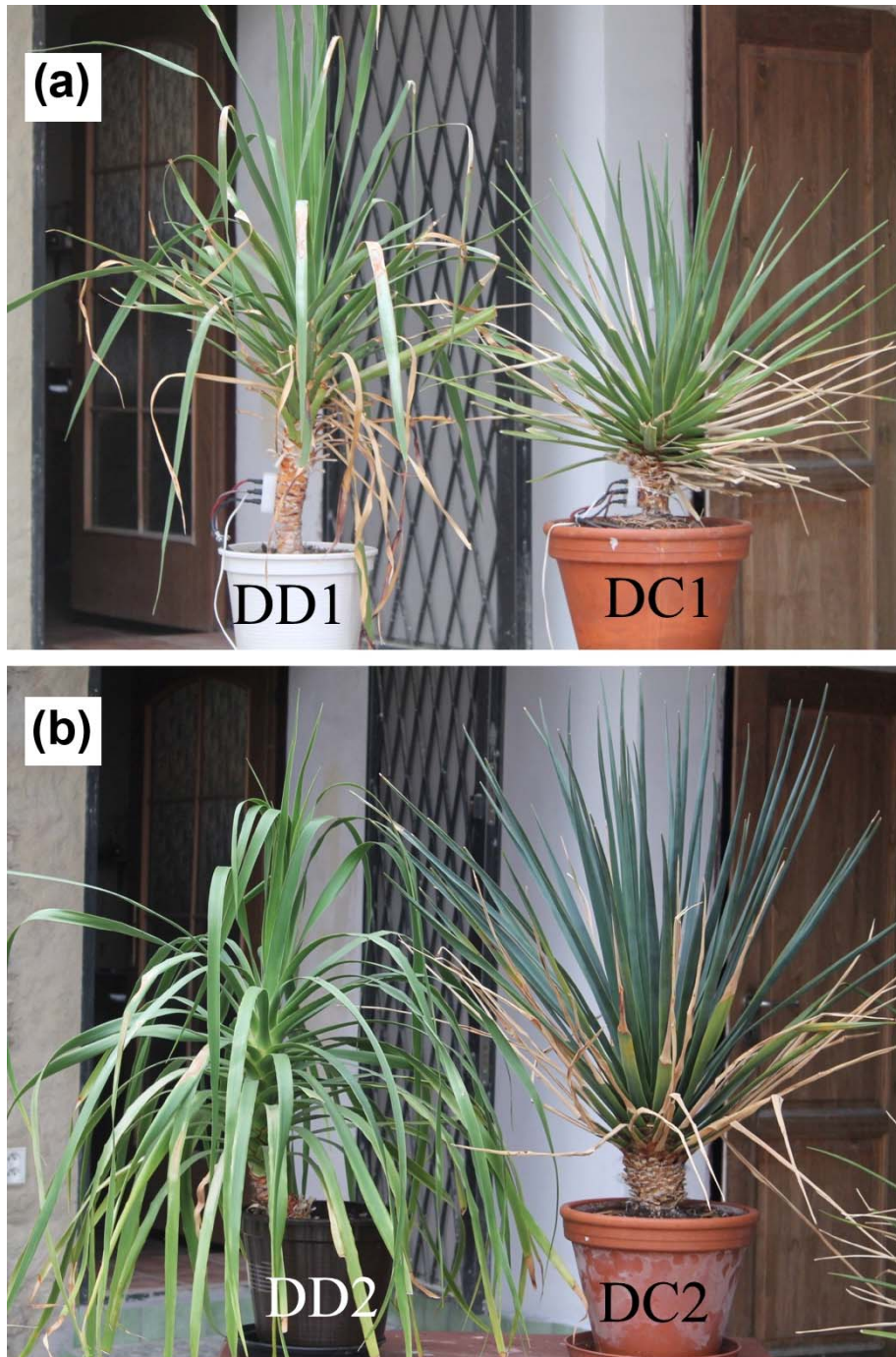


Fig. S1. Sample seedlings of *Dracaena draco* (DD1 and DD2) and *Dracaena cinnabari* (DC1 and DC2). Position of multi-point sensors in plant stems (DD1 and DC1) are visible in the upper photos. Photos were made in the big greenhouse.

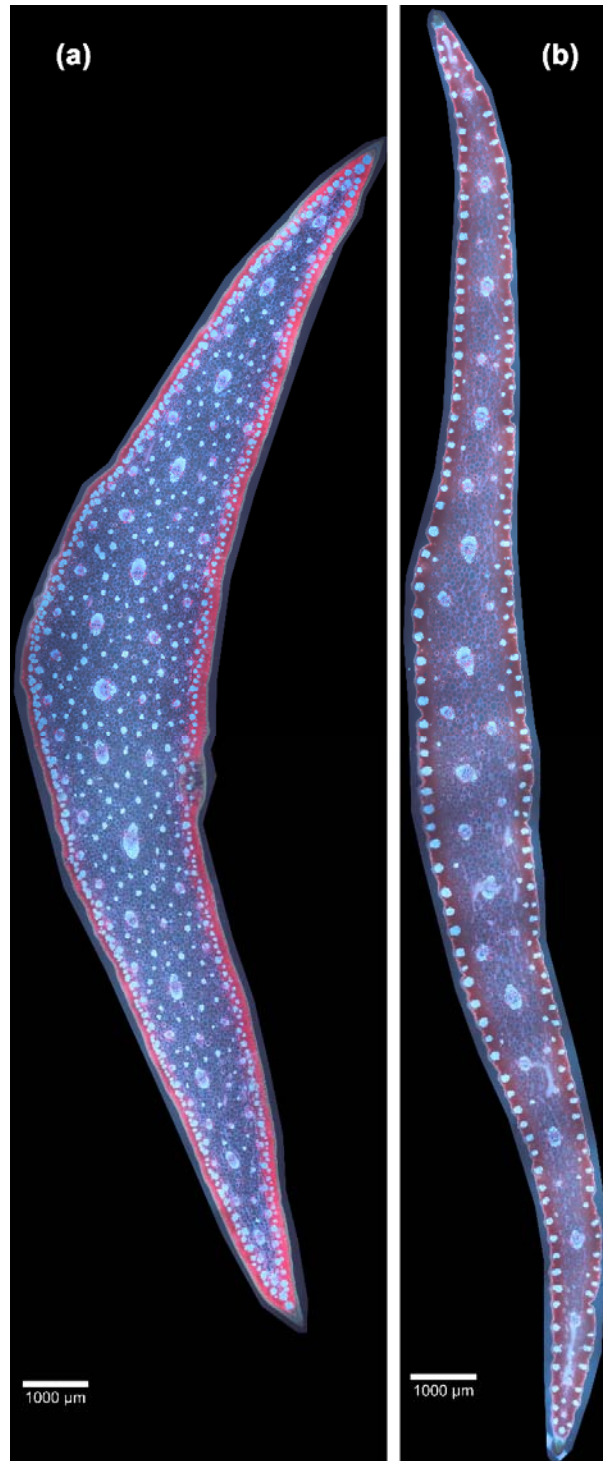


Fig. S2. High resolution images of medial leaves cross-sections: (a) *Dracaena cinnabari*, (b) *Dracaena draco*. Adaxial leaf side is on the right. Background of images were roughly cropped to reach smaller file size.

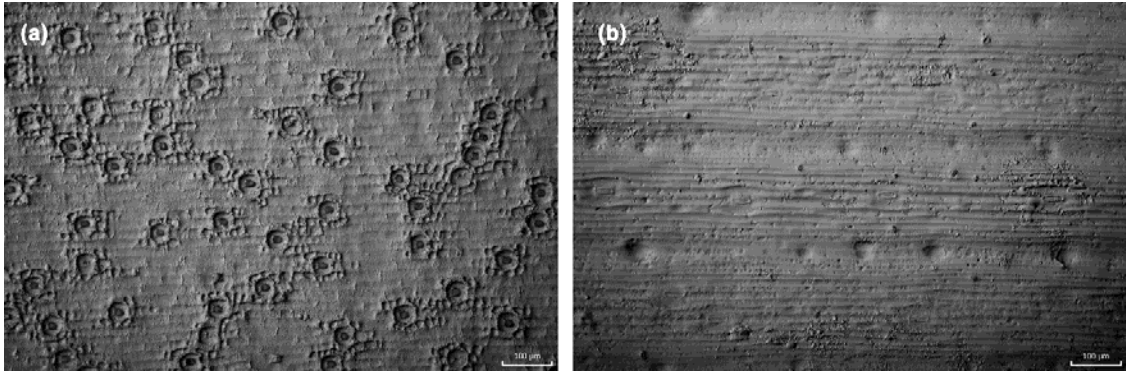


Fig. S3. The nail varnish impressions of leaf surface: (a) *Dracaena cinnabari* and (b) *Dracaena draco*.

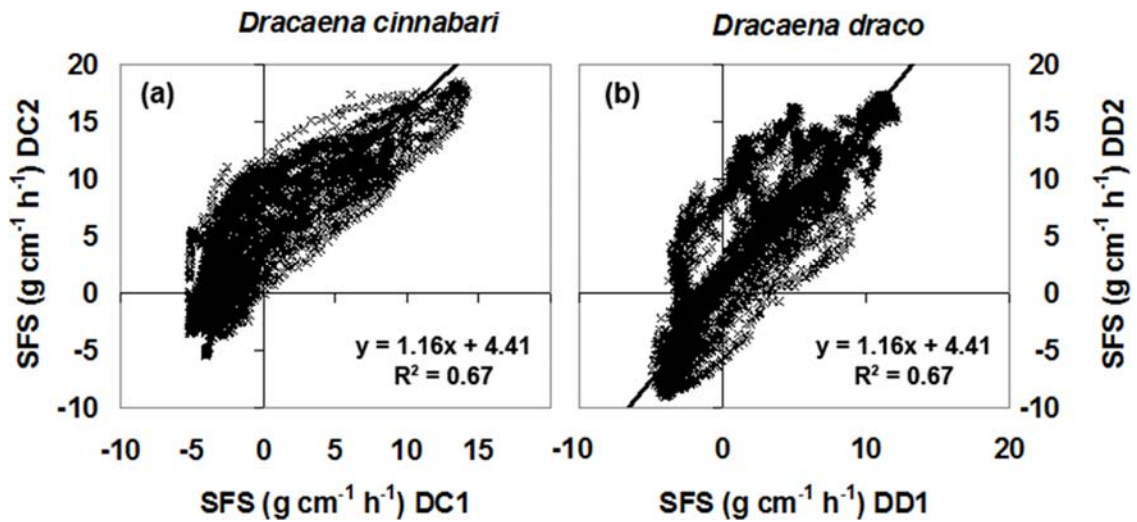


Fig. S4. Relationship between sap flow in each pair of sample plants: (a) *Dracaena cinnabari*, DC1 versus DC2 and (b) *Dracaena draco*, DD1 versus DD2. Datasets from both greenhouses were used.

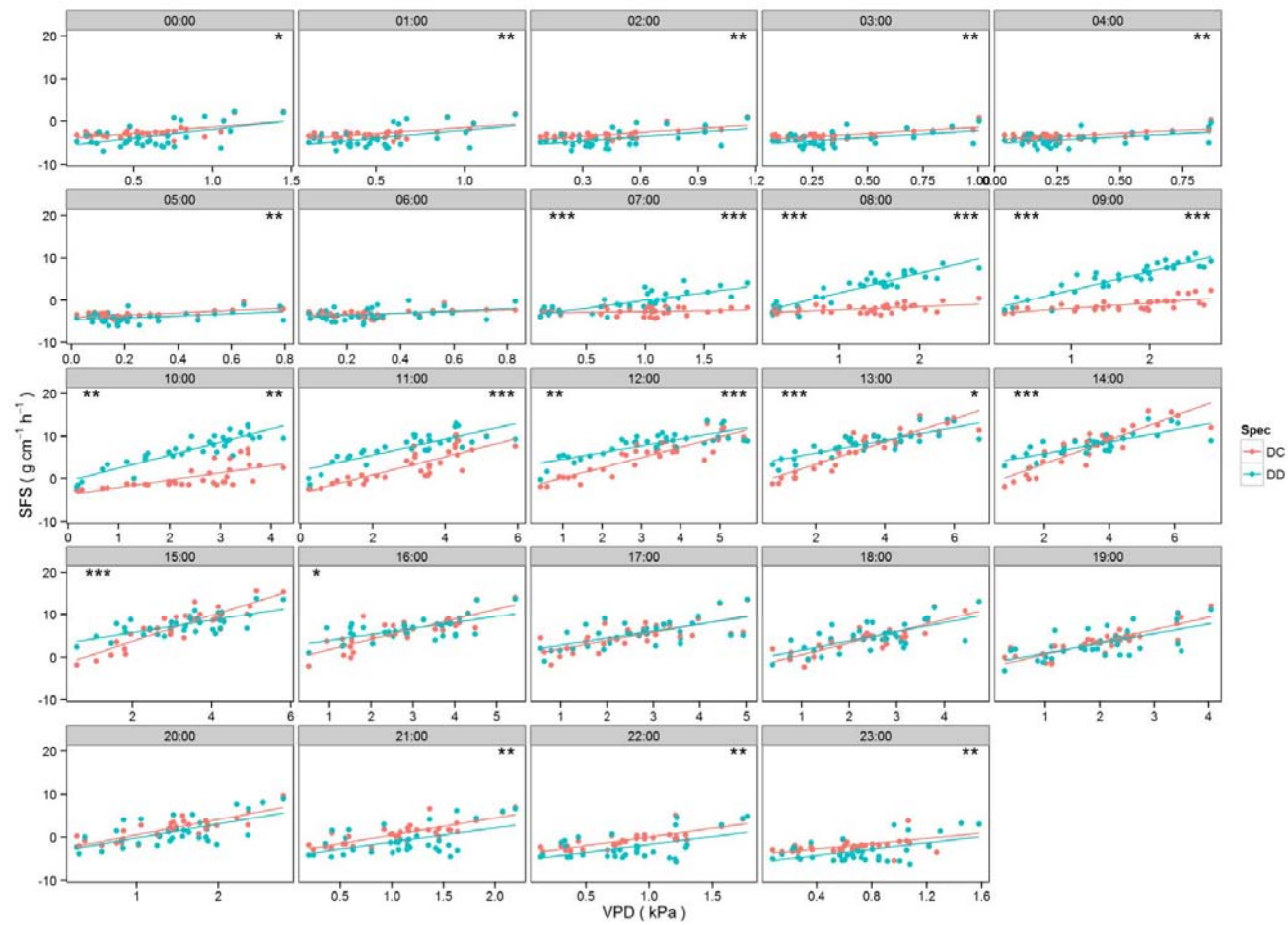


Fig. S5. Relationship between sap flow (SFS) in stems of both *Dracaena* species (mean for two sample plants) and vapor pressure deficit (VPD) showed hourly during a day. Measurements were done in the small greenhouse.