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Cover illustration: The presence of bundle sheath extensions is a prominent feature in polar leaves as shown in the depicted leaf lamina sections. These bundle sheath extensions are thought to facilitate water exchange between leaf veins and epidermis, but they may also provide turgor-driven structural support to the leaf. We measured the scaling of vein area (yellow area in the left hand image) and the area of the bundle sheath extensions (pink areas in the right hand image) associated with these veins. Images by Caroline Brocious and Uwe Hacke.
