

**Table S5** Measurement of chlorophyll (mg/g DW) in leaf trichomes and underlying leaf tissue

Trichomes were harvested from leaves by brushing under liquid nitrogen and remaining leaf used in the comparison. DW, dry weight. Data are the mean of three replicates  $\pm$  SE.

Plant	Tissue	
	Leaf minus trichomes	Trichomes
<i>N.benthamiana</i>	12.00 $\pm$ 0.25	1.16 $\pm$ 0.20
<i>S. pennellii</i>	14.66 $\pm$ 1.46	1.54 $\pm$ 0.88