

10.1071/FP14279_AC

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Supplementary Material: *Functional Plant Biology*, 2015, 42(9), 851–857.

Supplementary Material

Optimum temperature for floral terpene emissions tracks the mean temperature of the flowering season

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Table S1. Flowering phenology, temperature conditions of the flowering period and sampling period of the studied species

	Flowering period	Temperature range of the flowering period	Flowering peak	Mean temperature of the sampling month (flowering peak of the species)	Dates of measurement
<i>Globularia alypum</i>	December–March	5–14°C	December	9.0°C	15–20 December 2011
<i>Erica multiflora</i>	October–January	5–19°C	December	9.0°C	15–20 December 2011
<i>Quercus ilex</i>	March–May	7–20°C	April	12.4°C	7–10 April 2012
<i>Dorycnium pentaphyllum</i>	April–June	8–24°C	May	15.9°C	15–25 May 2012
<i>Spartium junceum</i>	April–July	8–28°C	June	19.7°C	9–12 June 2012
<i>Sonchus tenerrimus</i>	April–July	8–28°C	July	23.2°C	3–5 July 2012
<i>Dittrichia viscosa</i>	September–November	3–24°C	September October	17.7°C 12.8°C	17–25 September 2012 23–30 October 2012

Table S2. Floral emission rates ($\mu\text{g g DW}^{-1} \text{ h}^{-1}$) of singular terpene compounds for each species at each measured temperature

Values provided are mean \pm s.e. Hyphens indicate non detected emission rates of the compound

