

**Additional file 1 - Volatiles emitted from *P. bellina* and *P. equestris* flowers**

<b>Compounds</b>	<i>P. bellina</i> (scented)		<i>P. equestris</i> (scentless)	
	ng/flower/ h	SE	ng/flower/ h	SE
<b>Monoterpenes</b>				
Myrcene	12.0	7.1		
β-Pinene oxide	3.7	1.2		
Epoxy-terpenyl acetate	14.0	9.1		
Linalool	105.4	15.3		
3,7-Dimethyl-6-octen-1-ol	2.3	1.4		
3,7-Dimethyl-1,5,7-octatrien-3-ol	4.3	2.6		
2,6-Dimethyl-3,7-octadiene-2,6-diol	18.3	6.0		
2,6-Dimethyl-1,7-octadiene-3,6-diol	20.3	9.1		
Linalool oxide	3.4	2.4		
<i>trans</i> -Geraniol	163.4	1.6		
Nerol	6.0	1.9		
3,7-Dimethyl-2,6-octadienal	3.1	0.1		
Geranic acid	8.6	5.3		
2,6-Dimethyl-2,6-octadiene-1,8-diol	18.0	12.7		
<b>Total</b>	<b>382.8</b>	16.1		
<b>Phenylpranoids</b>				
3-Phenyl-2-propen-1-ol	3.7	2.6		
2,4-Bis(1,1-dimethylethyl)-phenol	4.0	1.7		
2,6-Bis(1,1-dimethylethyl)-4-methyl-phenol	18.9	11.1	104.4	13.0
2,6-Dimethoxy-4-(2-propenyl)-phenol	12.0	8.5	4.6	4.0
<b>Total</b>	<b>38.6</b>	17.1	<b>109.0</b>	14.0
<b>Benzenoids</b>				
1,2,3-Trimethoxy-5-(2-propenyl)-benzene	27.1	12.7		
3,5-Di- <i>tert</i> -butyl-4-hydroxybenzaldehyde	7.1	0.8		
3,5-Di- <i>tert</i> -butyl-4-hydroxybenzyl alcohol	6.0	4.2	6.5	2.1
3-Methylphenyl butanoic acid ester			10.0	1.3
2-Methylphenyl butanoic acid ester			10.5	2.0
Naphthalene			6.2	0.6
<b>Total</b>	<b>40.2</b>	20.8	<b>33.2</b>	7.0
<b>Fatty acid derivatives</b>				

2-Hexanol	0.7	0.5	40.2	2.0
4-Hydroxy-4-methyl-2-pentanone	2.6	1.5	8.6	1.1
3-Hexanone			17.3	1.9
5-Hexen-2-one			7.6	0.5
2-Nonanol			22.2	2.0
1-Methyl-cyclopentanol			18.5	5.1
4,6-Dimethyl-dodecane			19.8	4.6
Hexadecane			37.5	15.0
4-Methyl-dodecane			25.3	0.5
4-Methyl-2-propyl-1-pentanol			10.1	0.3
<i>n</i> -Nonylaldehyde			3.6	0.1
2-Butoxy-ethanol			3.3	0.1
2-Ethyl-1-hexanol			85.8	0.8
Heptadecanoic acid			30.7	1.0
Total	<b>3.3</b>	1.8	<b>330.5</b>	35.0