Table S1. Comparative analysis of floral volatile organic compounds (VOCs) in three *Impatiens* species

	Compound	*I. davidii*	*I. jinggangensis*	*I. commelinoides*
Fatty acid derivatives	1-Butanol,3-methyl-	1.53±0.54	1.85±0.46	0.47±0.23
	3-Hexen-1-ol,(Z)-	0.68±0.16	-	-
	1-Hexanol	0.79±0.14	-	0.21±0.09
	2-Heptanone	0.8±0.32	-	-
	2-Heptanol	4.04±0.3	4.36±0.94	1.46±0.63
	Cyclopentasiloxane,decamethyl-	0.23±0.05	0.41±0.25	0.09±0.006
	Cyclohexasiloxane,dodecamethyl-	0.57±0.19	0.48±0.23	0.16±0.04
	Ethyne,fluoro-	24.61±11.96	0	34.75±0.86
	1-Octanol	-	1.43±0.34	-
	2-Nonanone	-	0.31±0.09	0.46±0.13
	7-Octen-1-ol,3,7-dimethyl-,(S)-	-	1.25±0.09	-
	2-Nonanol	-	0.7±0.27	-
	Ethylhydrogenoxalate	-	28.79±14.13	-
	(2S,4R)-4-Methyl-2-(2-methylprop-1-en-1-yl)tetrahydro-2H-pyran	-	0.36±0.13	-
Terpenoid	Terpinen-4-ol	-	-	0.08±0.03
	1-Heptanol	-	-	0.62±0.14
	1-Octen-3-ol	-	-	16.29±5.17
	3-Octanone	-	-	11.21±0.70
	3-Octanol	-	-	8.33±2.05
	1-Oxaspiro[4.5]dec-6-ene,2,6,10,10-tetramethyl-	-	-	1.22±0.53
	.beta.-Myrcene	0.43±0.17	-	-
	D-Limonene	1.74±0.51	-	-
	Linalool	34.21±4.56	5.05±0.43	0.6±0.11
	Styrene	-	11.64±4.29	10.48±3.9
	(E)-.beta.-Famesene	-	0.51±0.18	-
	.gamma.-Terpinene	-	-	0.15±0.05
	o-Cymene	0.1±0.06	-	0.28±0.10
Aromatics	Phenol,4-ethyl-2-methoxy-	-	1.61±1.08	-
	Ethanol,2-(3,3-dimethylcyclohexylidene)-,(Z)-	-	-	0.37±0.145