

**Supplementary File 13.** Number of derived variants by species.

Geographic region	Species	Number of variants		
		Private	Shared	Total
Asia	<i>A. japonica</i>	129211	205724	334935
	<i>A. oxysepala</i>	134400	147923	282323
	<i>A. sibirica</i>	99369	176177	275546
Europe	<i>A. aurea</i>	107824	176951	284775
	<i>A. vulgaris</i>	139849	189526	329375
North America	<i>A. barnebyi</i>	75641	245644	321285
	<i>A. chrysantha</i>	87258	261239	348497
	<i>A. formosa</i>	87823	266604	354427
	<i>A. longissima</i>	66344	232710	299054
	<i>A. pubescens</i>	72661	265713	338374