Supplementary Table S3. – Analysis of molecular variance (three-level AMOVA analysis) of the total dataset (84 individuals) and separate AMOVAs (two-level) for each taxonomic group (genetic cluster). For identity of genetic clusters see Fig. 1. d.f., degrees of freedom.

Grouping	Source of variation	d.f.	Sum of squares	Variance components	% of total variance	P
All taxonomic groups	among taxa	3	837.67	10.95635	16.34	<0.001
	among populations (within taxa)	20	1582.00	9.23872	13.78	<0.001
	within populations	60	2810.70	46.84500	69.88	<0.001
A. fuscum (genetic cluster 1)	among populations	6	419.06	6.85965	11.57	<0.001
	within populations	11	576.83	52.43939	88.43	<0.001
A. marginatum (genetic cluster 2)	among populations	9	677.32	6.59555	12.29	<0.001
	within populations	33	1553.28	47.06919	87.71	<0.001
A. podolicum (part of genetic cluster 3)	among populations	2	168.23	11.04545	18.81	<0.001
	within populations	7	333.67	47.66667	81.19	<0.001
A. paniculatum (part of genetic cluster 3)	among populations	3	317.39	21.15143	35.43	<0.001
	within populations	9	346.92	38.54630	64.57	<0.001
A. paniculatum + A. podolicum (genetic cluster 3)	among populations	6	621.24	18.70789	30.55	<0.001
	within populations	16	680.58	42.53646	69.45	<0.001