

Supplementary Information

Matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF MS) shows adaptation of grass pollen composition

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Table S1: Classification results of the PLS models using full cross validation of pollen MALDI-TOF mass spectra using PLS with 9 latent variables for the classification of seven different populations. The numbers in the cells indicate the amount of spectra classified as the respective output class.

Target class Output class	<i>A. odoratum</i> France	<i>A. odoratum</i> Greece	<i>A. odoratum</i> Finland	<i>F. ovina</i> Sweden	<i>P. alpina</i> Sweden	<i>P. alpina</i> Italy	<i>P. alpina</i> Norway
<i>A. odoratum</i> , France	32	0	9	0	0	0	0
<i>A. odoratum</i> , Greece	2	35	0	0	0	0	0
<i>A. odoratum</i> , Finland	2	0	24	0	0	0	0
<i>F. ovina</i> , Sweden	0	0	0	48	0	0	0
<i>P. alpina</i> , Sweden	0	0	0	0	39	0	0
<i>P. alpina</i> , Italy	0	0	0	0	1	40	0
<i>P. alpina</i> , Norway	0	0	0	0	0	0	40
Success Rate	89 %	100 %	73 %	100 %	98 %	100 %	100 %