

**Table S1** Confusion matrix for Calabrian honey classify based on botanical origin

	Acacia	Chestnut	Citrus	Eucalyptus	Sulla	Tot.	% Discrimination index
Acacia	10	0	0	0	0	10	100.00%
Chestnut	0	16	0	0	0	16	100.00%
Citrus	0	0	12	0	1	13	92.31%
Eucalyptus	0	0	1	9	0	10	90.00%
Sulla	0	0	1	0	11	12	91.67%
Tot.	10	16	14	9	12	61	95.08%

**Table S2** Confusion matrix for Acacia samples

From \ To	Acacia Calabria	Acacia China	Acacia Europe	Tot	% exact
Acacia Calabria	10	0	0	10	100.00%
Acacia China	0	6	0	6	100.00%
Acacia Europe	0	0	7	7	100.00%
Tot.	10	6	7	23	100.00%