Table S2. Confusion matrixes obtained with all honeys in the data set without splitting into training and test set using 10-fold cross-validation.

PLS

	Reference						
Prediction	Citrus	Eucalyptus	Forest	Heather	Lavender	Rosemary	Sunflower
Citrus	15	0	0	0	1	12	0
Eucalyptus	0	8	0	0	4	0	0
Forest	0	2	16	0	2	0	0
Heather	0	0	0	13	0	0	0
Lavender	0	0	0	0	3	0	0
Rosemary	0	0	0	0	0	0	0
Sunflower	1	4	0	0	4	1	14

C5.0 tree

	Reference						
Prediction	Citrus	Eucalyptus	Forest	Heather	Lavender	Rosemary	Sunflower
Citrus	15	0	0	0	0	2	0
Eucalyptus	0	11	0	0	0	0	0
Forest	0	0	16	0	0	0	0
Heather	0	0	0	13	0	0	0
Lavender	0	3	0	0	11	1	0
Rosemary	0	0	0	0	0	10	0
Sunflower	1	0	0	0	3	0	14

PAM

	Reference						
Prediction	Citrus	Eucalyptus	Forest	Heather	Lavender	Rosemary	Sunflower
Citrus	14	0	0	0	0	2	0
Eucalyptus	0	13	0	0	0	0	0
Forest	0	0	16	0	0	0	0
Heather	0	0	0	13	0	0	0
Lavender	0	1	0	0	10	0	0
Rosemary	2	0	0	0	0	11	0
Sunflower	0	0	0	0	4	0	14

KKNN

	Reference						
Prediction	Citrus	Eucalyptus	Forest	Heather	Lavender	Rosemary	Sunflower
Citrus	15	0	0	0	0	2	0
Eucalyptus	0	11	0	0	0	0	0
Forest	0	0	16	0	0	0	0
Heather	0	0	0	13	0	0	0
Lavender	0	3	0	0	11	1	0
Rosemary	0	0	0	0	0	10	0
Sunflower	1	0	0	0	3	0	14

Table S2. Continued

PDA

	Reference						
Prediction	Citrus	Eucalyptus	Forest	Heather	Lavender	Rosemary	Sunflower
Citrus	16	0	0	0	0	1	0
Eucalyptus	0	14	0	0	0	0	0
Forest	0	0	16	1	0	0	0
Heather	0	0	0	12	0	0	0
Lavender	0	0	0	0	13	0	0
Rosemary	0	0	0	0	0	12	0
Sunflower	0	0	0	0	1	0	14

SDA

	Reference						
Prediction	Citrus	Eucalyptus	Forest	Heather	Lavender	Rosemary	Sunflower
Citrus	13	0	0	0	0	2	0
Eucalyptus	0	14	0	0	0	0	0
Forest	0	0	16	1	0	0	0
Heather	0	0	0	12	0	0	0
Lavender	1	0	0	0	13	1	0
Rosemary	2	0	0	0	0	10	0
Sunflower	0	0	0	0	1	0	14

ET

	Reference						
Prediction	Citrus	Eucalyptus	Forest	Heather	Lavender	Rosemary	Sunflower
Citrus	16	0	0	0	0	0	0
Eucalyptus	0	14	0	0	0	0	0
Forest	0	0	16	0	0	0	0
Heather	0	0	0	13	0	0	0
Lavender	0	0	0	0	14	0	0
Rosemary	0	0	0	0	0	13	0
Sunflower	0	0	0	0	0	0	14

HDDA

	Reference						
Prediction	Citrus	Eucalyptus	Forest	Heather	Lavender	Rosemary	Sunflower
Citrus	13	0	0	0	0	2	0
Eucalyptus	0	11	0	0	2	0	0
Forest	0	0	16	1	0	0	0
Heather	0	0	0	12	0	0	0
Lavender	1	3	0	0	11	1	0
Rosemary	2	0	0	0	0	10	0
Sunflower	0	0	0	0	1	0	14

Table S2. Continued

ANN

	Reference						
Prediction	Citrus	Eucalyptus	Forest	Heather	Lavender	Rosemary	Sunflower
Citrus	15	0	0	0	0	1	0
Eucalyptus	0	14	0	0	0	0	0
Forest	0	0	16	0	0	0	0
Heather	0	0	0	13	0	0	0
Lavender	0	0	0	0	13	0	0
Rosemary	1	0	0	0	0	12	0
Sunflower	0	0	0	0	1	0	14

RF

	Reference						
Prediction	Citrus	Eucalyptus	Forest	Heather	Lavender	Rosemary	Sunflower
Citrus	16	0	0	0	0	0	0
Eucalyptus	0	14	0	0	0	0	0
Forest	0	0	16	0	0	0	0
Heather	0	0	0	13	0	0	0
Lavender	0	0	0	0	14	0	0
Rosemary	0	0	0	0	0	13	0
Sunflower	0	0	0	0	0	0	14

SVM_L

	Reference						
Prediction	Citrus	Eucalyptus	Forest	Heather	Lavender	Rosemary	Sunflower
Citrus	11	0	0	0	0	3	0
Eucalyptus	0	14	0	1	6	0	1
Forest	0	0	16	7	0	0	0
Heather	0	0	0	3	0	0	0
Lavender	0	0	0	2	0	0	0
Rosemary	5	0	0	0	8	10	11
Sunflower	0	0	0	0	0	0	2

SVM_R

	Reference						
Prediction	Citrus	Eucalyptus	Forest	Heather	Lavender	Rosemary	Sunflower
Citrus	8	0	0	0	0	2	0
Eucalyptus	0	13	0	0	5	1	1
Forest	0	0	16	0	1	0	0
Heather	0	0	0	10	0	0	0
Lavender	0	0	0	3	0	0	0
Rosemary	8	1	0	0	7	10	4
Sunflower	0	0	0	0	1	0	9

XGBoost

	Reference						
Prediction	Citrus	Eucalyptus	Forest	Heather	Lavender	Rosemary	Sunflower
Citrus	16	0	0	0	0	0	0
Eucalyptus	0	14	0	0	0	0	0
Forest	0	0	16	0	0	0	0
Heather	0	0	0	13	0	0	0
Lavender	0	0	0	0	14	0	0
Rosemary	0	0	0	0	0	13	0
Sunflower	0	0	0	0	0	0	14