DEPARTEMENT DE BIOLOGIE ET ECOLOGIE VEGETALES

Laboratoire de Palynologie

<u>Référence</u> : P 09-2019

<u>Qualitative pollen analysis</u> (pollen spectra)

Taxons (nom de plantes)	Fréquence relative (%)
Dalbergia cf *baronii*	49,5
Cf Dombeya sp.	22,32
Mimosa pudica	5,05
Poaceae 1(Graminées)	3,01
Filicium sp.	2,9
Asteraceae (Composées)	2,75
Ipomea sp.	2,5
cf *Delonix* sp.	2,33
Poaceae *2*	2,08
Amaranthaceae	1,6
cf *Weinmannia* sp.	1,43
Albizia cf *gummifera*	1,35
Caesalpinia sp.	1,05
Bidens pilosa	+
Passiflora sp.	+
Pinus sp.	+
Indeterminé	+

+ inferior to 1%

<u>Quantitative pollen analysis</u>

N means for the quantity of pollen grains per 10g of honey. N=381 690 grains per10g or group III

<u>Interprétation</u>

<u>Predominant</u> pollen (relative frequency more than 45% of the pollen grains counted) is *Dalbergia* cf *baronii* (49,5 %). *Dombeya* sp. (22,32%) is secondary pollen (16-45%). Important minor pollens are : *Mimosa pudica* (5,05%) and Poaceae (3,01%).

The sample may be considered as unifloral or monofloral « **Dalbergia honey =rosewood honey** »

Antananarivo , 23 rd septembre 2019

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