

MENTION BIOLOGIE ET ECOLOGIE VEGETALES

Laboratoire de Palynologie

Reference : presumed as « lechee honey »

Qualitative pollen analysis (pollen spectra)

| Taxon (plants name) | Frequency % |
|---------------------------------------|-------------|
| <i>Macaranga</i> sp. | 68,27 |
| <i>Litchi sinensis</i> | 14,71 |
| <i>Mimosa pudica</i> | 5,68 |
| <i>Elaeis guineensis</i> | 2,67 |
| Myrtaceae (<i>Eucalyptus</i> ?) | 2,34 |
| <i>Trema orientalis</i> (andrarezina) | 2,00 |
| Euphorbiaceae | + |
| Indetermined | 1,00 |

+ less than 1%

Quantitative pollen analysis (number of grains per 10g of honey)

N= 12 546 grains per 10g

Interprétation

Dominant pollen is *Macaranga* sp. (68,27%) so the sample correspond to « *Macaranga* honey ». With Schweitcher (2004), lechee honey frequency may be lower when overrepresented like *Mimosa* pollen is present. Examination of the sample present lechee characteristics (flavour, cristallization) then *Macaranga* is to be considered as overrepresented pollen. Appellation as lechee- honey may be agreed.

Antananarivo, 15th december 2017



Dr RAMAMONJISOA BALALAHARISOA

Z.