

Role of bat flies on disease transmission in different species of Madagascar endemic fruit bats

Context:

- Bats: reservoir of different diseases
- Microparasite: very important on disease transmission
- Roles of bat flies on disease dynamic : less understood .

Objective:

Improve the knowledge on different diseases transmitted by bats ectoparasite

Methodology:

- Collecting different species of bat flies (parasites of Pteropdidae);
- Determining pathogen that bat flie species can transmitted (Molecular analysis);
- Analysing the presence of pathogen in fruits bats (blood analysis) .

Expected Result:

Knowing the pathogen agency that bat flies can transmitted.

