

# Intergroup and interspecific interaction between *Lemur catta* and *Propithecus verreauxi* in the spiny forest of Berenty

PRESENTED BY

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# Introduction

Berenty reserve :

*Lemur catta* and *Propithecus verreauxi* in direct sympatry

- ▶ Diet to assess the competition related by food
- ▶ social behaviors to assess their aggressivity

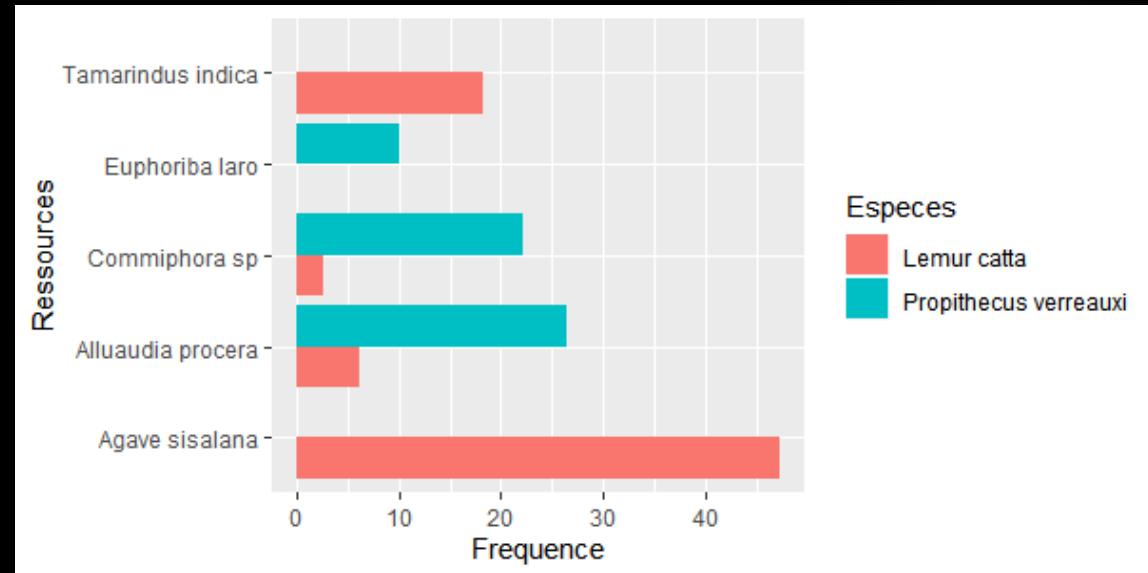
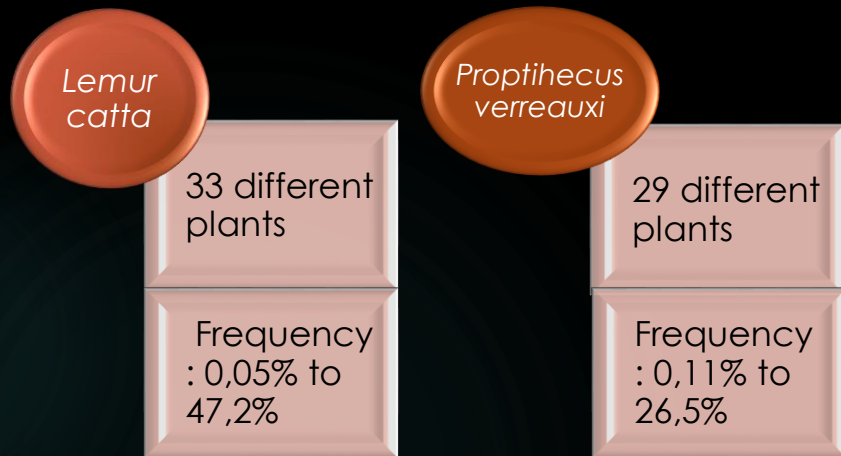
## Methodology

- ▶ Scan animal sampling each 5 minutes , and Ad Libitum
- ▶ 2 groups of *Propithecus verreauxi* and 2 groups of *Lemur catta* followed from September 18th to October 14th: 200 h in total

# Results

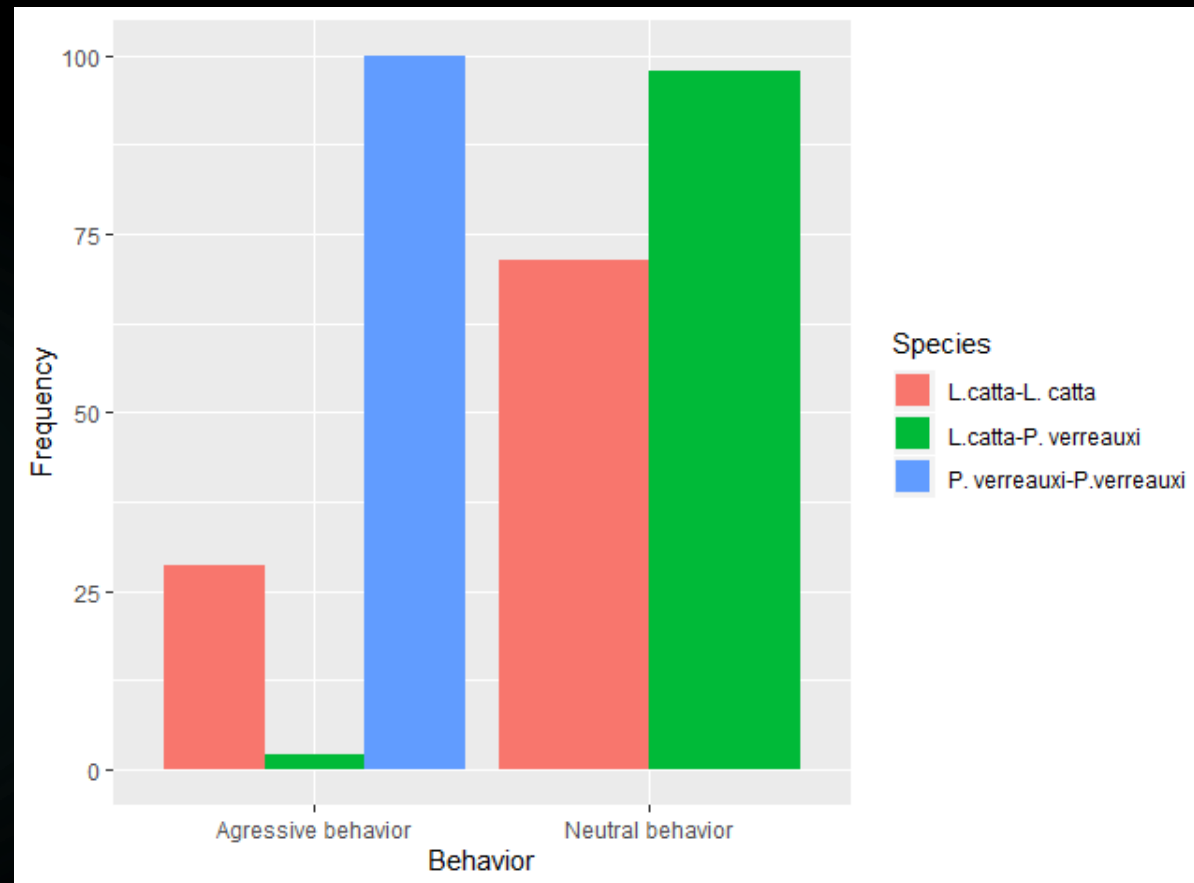
## Diet

- About the diet, both are folivorous according to Sailer 's measuring



★ ★ ★ 17 similar plants shared between *Lemur catta* and *Propithecus verreauxi* but with significant differences according to wilcoxon test.

# Results Confrontation



Intragroup interaction is more aggressive than interspecific interaction

# Conclusion

*Lemur catta* and *Propithecus verreauxi* not in competition in the spiny forest of Berenty