**Data from**: The role of nocturnal omnivorous lemurs as seed dispersers in Malagasy rain forests

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**Tables contain the following data:**

* 1st sheet: Seed traits, germination and growth parameters
* 2nd sheet: Information on the seed collected from mouse lemurs' fecal samples

**Column explanation**

*Data for analysis*

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| --- | --- |
| **Column names** | **Descrtiption** |
| scientificName | Scientific name of collected seed species |
| scientificNameAuthorship | Authority of the seed species |
| scientificNameLabel | Seed species label used during analysis |
| family | Taxonomic family of the seed species |
| vernacularName | Vernacular name of the seed species |
| disperser | Scientific name of the mouse lemur that has dispersed the seed species: Rufous mouse lemur (*Microcebus rufus*) or Jolly’s mouse lemur (*Microcebus jollyae*) |
| species\_origin | Origin of the seed species according to Tropicos (<https://www.tropicos.org/>): **native** (to Madagascar) or **non-native** (to Madagascar) |
| seed\_length\_mm | Seed length in mm, measured with an electronic caliper |
| seed\_width\_mm | Seed width in mm, measured with an electronic caliper |
| treatment | Treatment of the seed during germination experiment: **defecated** (gut-passed) or **control** (not gut-passed, seed from fresh fruits) |
| experiment | Type of germination experiment used for the lot of seed:   * For seeds dispersed by *Microcebus rufus*: **Forest ground**: seeds set on the forest ground under semi-shade (40-70% of canopy cover), or   **Petri dish**: seeds set on wet paper filter in Petri dishes   * For seeds dispersed by *Microcebus jollyae*: **Closed:** seeds set on the forest ground under a closed canopy area (>70% of canopy cover), or   **Petri dish**: seeds set on wet paper filter in Petri dishes, or  **Semi-closed**: seeds set on the forest ground under a semi-closed canopy area (40-70% of canopy cover) |
| germination\_setup | Date of the germination setup of the seed species |
| germination\_state | State of the seed during weekly monitoring: **yes** (germinated) or **no** (non-germinated) |
| germination\_date | Germination date, corresponding to the day of monitoring |
| germination\_time | Germination time, corresponding to the number of days since the germination setup |
| damaged\_seed | State of damage of the seed: **yes** (damaged) or **no** (not damaged); damaged referred to empty, dry, moldy or rotten seed, or seed attacked by fungi |
| seedling\_length\_mm | Seedling length in mm, measured with an electronic caliper |

*Seed collection*

|  |  |
| --- | --- |
| scientificName | Scientific name of collected seed species |
| scientificNameAuthorship | Authority of the seed species |
| family | Taxonomic family of the seed species |
| vernacularName | Vernacular name of the seed species |
| disperser | Scientific name of the mouse lemur that has dispersed the seed species: Rufous mouse lemur (*Microcebus rufus*) or Jolly’s mouse lemur (*Microcebus jollyae*) |
| iucn\_status | Conservation status of the seed species according the IUCN Red List of Threatened Species |
| species\_origin | Origin of the seed species according to Tropicos (<https://www.tropicos.org/>): **native** (to Madagascar) or **non-native** (to Madagascar) |
| growth\_type | Growth type of the seed species at adult age: **herbaceous**, **liana**, **semi-parasite**, **shrub** and **tree** |
| seed\_length\_mm | Seed length in mm, measured with an electronic caliper |
| seed\_width\_mm | Seed width in mm, measured with an electronic caliper |