**Supplementary Material 2.** Nights sampled, total capture effort (hours [h] of mist nets exposure multiplied by the area [m2] of each mist net, richness, abundance and abundance with effort correction [captures N / (mist netting hours \* meters2) \* 1000] of bats captured in seven different habitats of Caatinga in Rio Grande do Norte, northeastern Brazil from 2017-2019.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Caatinga Habitat** | **Nights sampled** | **Survey year and month** | | | **Total Effort (h.m2)** | **Richness** |
| 2017 | 2018 | 2019 |  |  |
| Riparian | 43 | Feb, May, Jun, Jul, Aug, Sep, Oct, Dec. | Jan, Feb, Mar, Apr, Jun, Jul, Aug, Sep, Oct, Nov. | Feb. | 108646.4 | 21 |
| Shrubby | 26 | May, Jun, Jul, Aug, Oct, Sep, Dec. | Jan, Feb, Apr, Jun, Jul, Aug, Sep, Oct, Nov, Dec | Feb. | 62833.6 | 17 |
| Medium Caatinga Forest | 10 | May, Sep, Dec. | Apr, Aug, Set | May | 25868.8 | 10 |
| Rocky Outcrops | 10 | May, Ago | Mar, Apr, Jun, Oct, Nov | Apr | 18205.0 | 15 |
| *Copernicia* groves | 5 | Aug, Dec | Feb, Mar, Oct | - | 13321.3 | 10 |
| Humid forest enclave | 3 | - | Aug, Dec | Jun | 7605.0 | 11 |
| Orchards and gardens | 2 | May | Sep | - | 3185.0 | 6 |
| Total | 99 |  |  |  | 239665.0 | 31 |