**Appendix 2.** Number of species (N), mean and standard deviation (mean ± SD) by ecological traits and the level of sensitivity in the tree sampling areas (Core area, Edge area, and Buffer area) in the Natural Park of Sertão (NPS), southern Brazil

|  |  |  |  |
| --- | --- | --- | --- |
| Ecological trait | Core areaN (mean ± SD) | Edge areaN (mean ± SD) | Buffer areaN (mean ± SD) |
| Feeding habit |
| Carnivorous | 1 (0.20 ± 0.41) | 3 (0.25 ± 0.44) | 1 (0.08 ± 0.28) |
| Frugivorous | 3 (0.33 ± 0.48) | 2 (0.12 ±0.44) | 4 (0.50 ± 0.65) |
| Granivorous | 5 (1.41 ± 0.82) | 7 (1.37 ± 0.96) | 7 (1.82 ± 1.61) |
| Insectivorous | 26 (4.87 ± 3.56) | 28 (4.37 ± 3.65) | 27 (3.58 ± 2.28) |
| Nectarivoro | 3 (0.25 ± 0.44) | 2 (0.04 ± 0.20) | 3 (0.16 ± 0.38) |
| Omnivorous | 21 (2.75 ± 1.72) | 31 (3.79 ± 2.82) | 32 (4.29 ± 1.96) |
| Habitat use |
| Broad | 8 (1.37 ± 1.05) | 12 (2.45 ± 1.76) | 17 (3.29 ± 1.54) |
| Forest | 37 (6.91 ± 4.72) | 38 (5.16 ± 3.55) | 31 (4.00 ± 3.17) |
| Forest edge | 10 (1.20 ± 1.44) | 15 (1.87 ± 2.55) | 17 (2.16 ± 1.63) |
| Open area | 3 (0.29 ± 0.62) | 7 (0.58 ± 0,88) | 7 (0.45 ± 0.65) |
| Wetlands  | 1 (-) | 1 (0.04 ± 0.20) | 1 (0.41 ± 020) |
| Sensitivity level |
| Low | 35 (4.79 ± 3.02) | 47 (5.79 ± 3.36) | 52 (6.87 ± 2.86) |
| Medium | 19 (3.83 ± 2.28) | 22 (2.95 ± 2.56) | 17 (1.54 ± 1.81) |
| high | 2 (0.45 ± 0.50) | 1 (0.37 ± 0.49) | 2 (0.16 ± 0.48) |