**Supplementary material**

**Table 1.** Number of medium and large-sized mammal species recorded by study carried out along the Brazilian Cerrado in Goias state.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Study areas**  | **Municipality** | **Richness** | **Trap nights** | **Reference** |
| **Protected** |  |  |  |  |
| Emas National Park | Mineiros | 33 | 13,869 | Giozza et al. 2017 |
| Serra do Falcão Dam | Campo Alegre de Goiás | 33 | 605 | Gomes et al. 2015 |
| Military Area | Formosa | 29 | 426 | Arimoro et al. 2020 |
| Pontal do Jaburu Private | Nova Crixas | 29 | 928 | Silva et al. 2021 |
| Emas National Park | Mineiros | 28 | 1,035 | Silveira et al. 2003 |
| Sugar Cane agriculture | Caçu | 26 | 480 | Soares et al. 2015 |
| 7 Farms | Aparecida do Rio Doce | 25 | - | Hannibal et al. 2015 |
| Silvania National Forest | Silvania | 23 | 144 | Campos et al. 2013 |
| Chapada dos Veadeiros National Park | Alto Paraíso | 23 | 2,23 | Ferreguetti et al. 2019 |
| Morro do Macaco Environmental Protection Area | Iporá | 23 | - | Rios et al. 2019 |
| Serra do Tombador Private Reserve | Cavalcante | 17 | 2,34 | Cabral et al. 2017 |
| Santa Branca Farm | Teresópolis | 16 | 988 | Ribeiro et al. 2013 |
| **Unprotected** |  |  |  |  |
| Fragment (Serra de Pirenopolis) | Pirenópolis | 32 | 5,671 | **This study** |
| Fragment | Ipameri | 29 | 376 | Rocha et al. 2019 |
| Fragment | Urutaí | 25 | 347 | Estrela et al. 2015 |
| 14 Fragments | Ipamerí | 24 | 72 | Rocha et al. 2018 |
| Fragments | Aparecida do Rio Doce | 23 | 84 | Oliveira et al. 2019 |
| Fragments | Quirinópolis | 22 | - | Oliveira et al. 2017 |
| Fragment | Ipameri | 19 | - | Araujo et al 2015 |
| Urban fragment  | Jataí | 13 | - | Bernardo et al. 2013 |
| 13 Fragments | Aruanã | 8 | 2,901 | Calaça et al. 2010 |

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