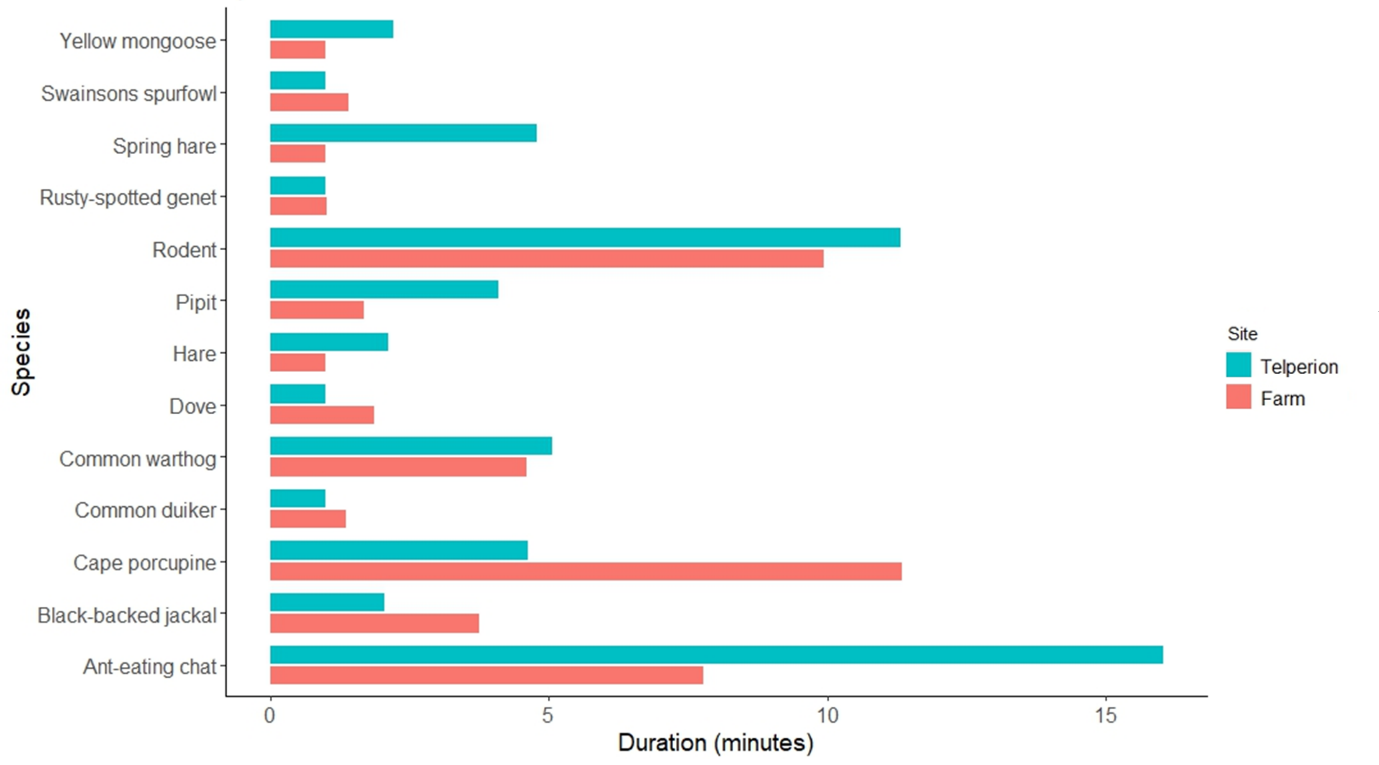


Figure 7: Mean encounter frequency for each species/taxon, showing the total of all three encounter types (walking past, investigating, and entering), occurring at both Telperion and the farm.

Table 2: Generalized Linear Models (GLM) and Generalized Linear Mixed Models (GLMM) results for encounter frequency and encounter duration for total encounters, including sample sizes for 13 species at Telperion (T) and the farm (F). Values for encounter frequency and encounter duration are daily means ± SD.

|  | Total encounters | | Encounter frequency (GLM) | | | Encounter duration (GLMM) | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Species | T | F | Telperion | Farm | *P*-value | Telperion | Farm | *P*-value |
| Rusty-spotted genet | 2 | 25 | 0.00 ± 0.01 | 0.06 ± 0.05 | 0.49 | 1.00 ± 0.00 | 1.02 ± 0.06 | 0.78 |
| Black-backed jackal | 89 | 20 | 0.18 ± 0.18 | 0.05 ± 0.08 | 0.31 | 2.05 ± 2.25 | 3.76 ± 7.16 | 0.84 |
| Yellow mongoose | 96 | 4 | 0.20 ± 0.24 | 0.02 ± 0.04 | 0.22 | 2.21 ± 1.87 | 1.00 ± 0.00 | 0.53 |
| Rodent sp. | 106 | 337 | 0.23 ± 0.25 | 0.84 ± 1.49 | **0.01 (T<F)** | 11.32 ± 14.39 | 9.94 ± 13.75 | 0.41 |
| Common warthog | 287 | 88 | 0.62 ± 0.58 | 0.22 ± 0.27 | 0.09 | 5.06 ± 5.60 | 4.61 ± 7.40 | 0.35 |
| Cape porcupine | 33 | 1268 | 0.06 ± 0.15 | 3.04 ± 2.13 | **< 0.01 (T<F)** | 4.62 ± 9.43 | 11.35 ± 6.99 | 0.89 |
| *Lepus* sp. | 8 | 1 | 0.01 ± 0.03 | 0.00 ± 0.01 | 0.75 | 2.13 ± 1.93 | 1.00 ± 0.00 | 0.72 |
| Common duiker | 1 | 30 | 0.00 ± 0.01 | 0.06 ± 0.11 | 0.50 | 1.00 ± 0.00 | 1.38 ± 0.84 | 0.86 |
| Spring hare | 53 | 2 | 0.10 ± 0.15 | 0.01 ± 0.04 | 0.37 | 4.78 ± 4.69 | 1.00 ± 0.00 | 0.54 |
| Dove sp. | 1 | 23 | 0.00 ± 0.01 | 0.05 ± 0.07 | 0.54 | 1.00 ± 0.00 | 1.88 ± 0.89 | 0.58 |
| Swanson’s spurfowl | 1 | 15 | 0.00 ± 0.01 | 0.09 ± 0.28 | 0.44 | 1.00 ± 0.00 | 1.40 ± 0.89 | 0.75 |
| Ant-eating chat | 549 | 42 | 1.23 ± 1.23 | 0.22 ± 0.41 | **< 0.01 (T>F)** | 16.04 ± 12.43 | 7.78 ± 8.34 | 0.41 |
| Pipit sp. | 79 | 18 | 0.16 ± 0.19 | 0.07 ± 0.20 | 0.43 | 4.10 ± 4.55 | 1.69 ± 0.81 | 0.14 |



Chart, bar chart

Description automatically generatedFigure 8: Mean duration of species/taxon encounters at Telperion and the farm in minutes. Species active for one minute or less were grouped into the 1-minute category.

Table 3: Chi-square test results for burrow proximity for the species for which the expected values were greater than five throughout the observation period at both Telperion (T) and the farm (F), with a statistically significance threshold of 0.05 and degree of freedom = 2. Three proximity categories (walking past, near entrance, entering/exiting) are depicted and scored, based on the percentage of encounters, as greater than, smaller than or equal at both sites.

|  |  |  |  |
| --- | --- | --- | --- |
| Species | Chi-square | p | Proximity |
| Rodent sp. | 62.46 | **< 0.01** | Walking past: T = F; Near entrance: T > F; Entering/exiting: T < F |
| Common warthog | 27.89 | **< 0.01** | Walking past: T < F; Near entrance: T < F; Entering/exiting: T > F |
| Cape porcupine | 5.31 | 0.07 | All proximities: T = F |
| Ant-eating chat | 6.57 | **0.04** | Walking past: T > F; Near entrance: T < F; Entering/exiting: T > F |

Figure 9: Distribution of species encounters between the three burrow proximities at Telperion (T) and the farm (F) and the relative proportion of entering/exiting the burrow (green), near the entrance of the burrow (blue), and walking past the burrow (grey).

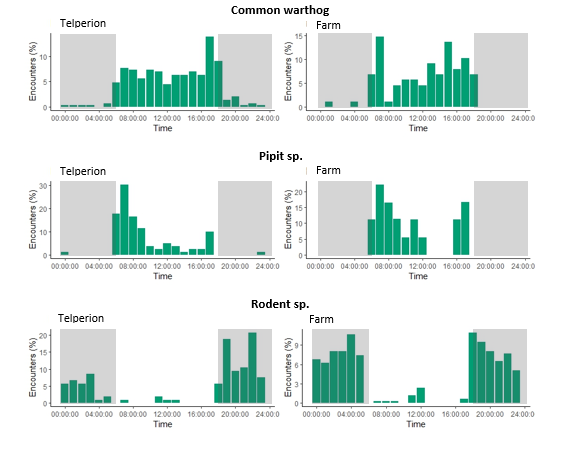
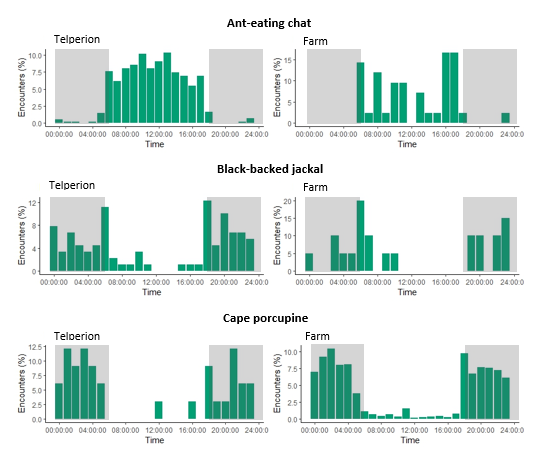
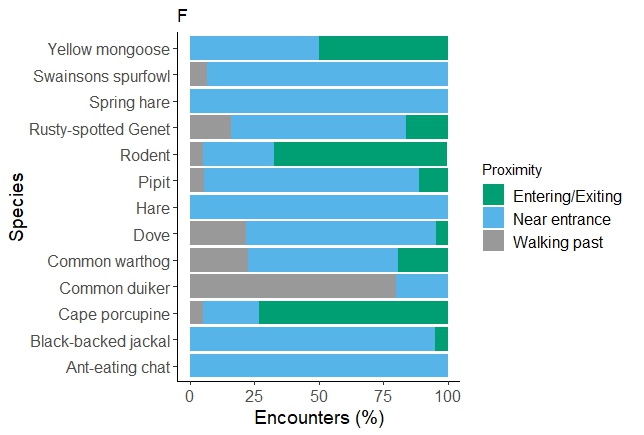
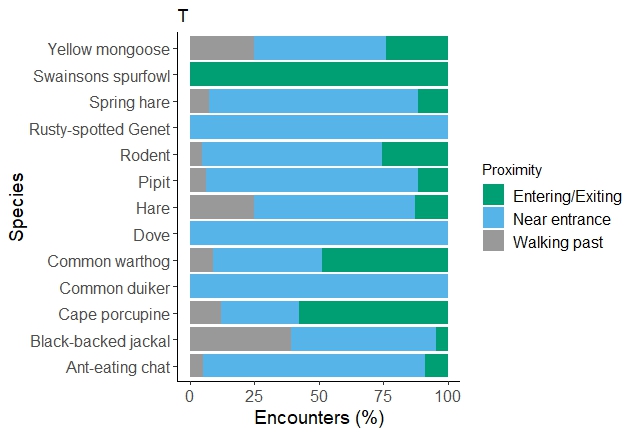


Figure 10: Activity times for species at Telperion and the farm. Only species with more than five encounters across both sites are shown.