**Characterization of the reproductive behaviour of the roan antelope (*Hippotragus equinus*)**

Mammalian biology

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**Table 4**: Frequencies of occurrence (%) and number of recordings of behaviours recorded in females of both herds. Values are means ± SEM in all observed females.

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| --- | --- | --- | --- | --- | --- |
| **Phases** | Percentage of occurrence per phase (%) | Behaviours | **Frequencies of occurrence for all females (%)** | **Frequencies of occurrence and number of recordings in Herd A (%)** | **Frequencies of occurrence and number of recordings in Herd B (%)** |
| **Sexual-receptive** | 15.59 | *Firm stance* | 15.04 ± 2.22 | 17.07 % (21) | 12.39 % (27) |
| *Copulation* | 24.65 ± 5.02 | 28.46 % (35) | 31.19 % (68) |
| *Chin pressing* | 0.60 ± 0.41 | 1.63 % (2) | 0.46 % (1) |
| *Homosexual mount attempts* | 1.09 ± 0.58 | 0.0 % (0) | 0.92 % (2) |
| **Sexual-proceptive** | 84.41 | Flehmen | 24.91 ± 3.54 | 17.89 % (22) | 23.72 % (51) |
| *Persistent licking and sniffing* | 8.62 ± 2.15 | 4.88 % (6) | 10.09 %(22) |
| *Hindquarter pushing* | 4.35 ± 1.75 | 7.32 % (9) | 5.79 % (6) |
| *Urinating* | 20.74 ± 2.03 | 21.95 % (27) | 18.81 % (41) |