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

Mammalian biology

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**Table 1**: Pre-selected sexual behaviours from bovids and Hippotragines males monitored in male roan antelope.

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| --- | --- | --- | --- | --- | --- |
| **Phases** | | | **Behaviours** | **Description** |  |
| Pre-copulatory phase | Approach | | *Walk* at *pace* | Male walks towards the female | |
| *Following* | Male follows female at a trot/ walking | |
| *Chasing* | Male follows female at a gallop | |
| *Horn pushing* | Male pushes female with horns intensively | |
| Testing | | *Anogenital sniffing* | Male smells and/or licks the female’s genitalia | |
| *Urine testing* | Male licks female’s urine | |
| *Flehmen* | Male lifts the head vertically with mouth opened, and lips parted | |
| *Sniff miction* | Male smells female’s urine | |
| *Defaecation* | Male defecates over female’s urine and faeces | |
| *Urinating* | Male urinates over female’s urine | |
| Courtship | | *Mating whirl-around* | Mating whirl-around | |
| *Driving* | Male pushes the female with his horns in her hindquarters | |
| *Rubbing facial gland* | Male rubs preorbital glands on female’s rump | |
| *Stand behind the female* | Male stands behind female for a short moment before mounting | |
| *foreleg kick* | Male gives a foreleg kick | |
| Copulatory phase | | Mounting | *Partial mount* | Male mounts without intromission | |
| *Complete mount* | Male mounts female with intromission | |