**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 |