

Appendix

Ethogram activity budget		
1	Feeding/Drinking	Activity for preparing and intake of feed as well as drinking
2	Lying rest	Position without any weight on all four legs and most part of the body has contact to the ground
3	Leaning	Standing in upright position with giving weight to an external object e.g. wall or rock
4	Standing	Standing in upright position without any recognizable activity
5	Locomotion	Spatial movement of more than ½ body length without any other activity
6	Stereotyping	Direction- and purposeless, repetitive behaviour e.g. weaving, pacing, head bobbing
7	Comfort behaviours	rubbing, wallowing, powdering, bathing
8	Other behaviours	Tactile interaction with conspecifics or keepers, defecation, urination
9	Out of sight	Out of view, behaviour cannot be determined

Modified from Wilson et al. (2006)