Data sharing agreement form
Range-wide study on cheetah male tactics and cheetah communication hubs

Introduction:

The Leibniz Institute for Zoo and Wildlife Research in Berlin (Leibniz-IZW) is conducting research on free-ranging cheetahs in Namibia since 2001. One of our focus is the spatial ecology of cheetahs and we described that cheetah males operate in two spatial tactics (territory holders and floaters), similar to findings in the Serengeti NP in East Africa. We further discovered what we call a network of communication hubs in the landscape. We found that this system has important implications for the cheetah-human conflict in Namibia because it is part of the problem and at the same time opens viable solutions to mitigate the conflict.

Here we aim to upscale these findings to the distribution range of cheetahs. We would like to do this by using existing data within the community of researchers involved with cheetahs. The main data needed for this planned metastudy would be location data of cheetah males and, if available, additional data on direct cheetah observations, camera trap pictures and marking locations.

This document shall provide the terms of use for data submitted to the range-wide study on cheetah male tactics and cheetah communication hubs. We thus would like the collaborators to acknowledge and agree to these terms of use prior to sharing data.

With this planned study, we further aim to build up an open, scientific network that promotes collaborative science-based knowledge and data sharing to investigate cheetah spatial ecology. As a first step towards this goal, we suggest to store all cheetah spatial data in the online platform Movebank, a global archive for animal movement and bio-logging data. For those not familiar with Movebank, here a short list with general information:

- You retain full ownership of your data
- Your study and some basic information (e.g. study species, study location, PI, number of animals, but not the GPS data) becomes visible and detectable for potential collaborators
- Your data are preserved in a large, safe repository
- Your data are structured and neatly organized
- Your data are automatically prepared for R and GIS
- You can share your data very easily and quickly with potential collaborators
We are happy to answer any questions you might have to help getting your project into Movebank. We are also happy to upload your data for you into an individual Movebank project that will be handed over to and owned by you.

If you would like to participate in this metastudy but do not wish to have your data stored in Movebank, you can still contact us and we look for individual solutions.

Our plan with storing data on Movebank is to build up a similar data repository as has been done successfully with other mammalian species in platforms such as AfriMove, EuroDeer, EuroLynx, EuroWildcat or the Jaguar Database for the Neotropics.

**Terms of use**

1. Data providers will be offered co-authorship and will get the opportunity to provide input on any publications that result from the project and contains their data.

2. Any publications resulting from this data will be part of the metastudy across multiple sites and countries. The data will not be analyzed for publication at site level, unless agreed in advance. The data will only be used for the agreed project mentioned above and not for any other purposes or projects, unless agreed in advance.

3. The recipients will not share the original datasets with third parties and will direct all requests for use of the data to the original collector of the data.

4. The recipients will not publish the data in their original format, neither whole nor in part. If the data provider agrees to have the data safely stored at www.movebank.org, the data recipients will create a project for each data provider on Movebank and make the respective data provider the owner of this project (see point 7).

5. The undersigning data provider declares that they have understood the aim of the study and that results will only be used for scientific analysis and conservation purposes.

6. The data provider declares that they have the legitimate right to share the data with the data recipients.
7. The data provider declares whether their data can be uploaded to Movebank. Please tick one of the options.

☐ The data provider is aware of and supports the plan that their data are stored on www.movebank.org in an individual project. Data will not be visible to the public but only to the data provider and data recipient. The data provider can add additional collaborators to view the project if they wish.

☐ The data provider prefers not to add and share their data on www.movebank.org in an individual project.

Name and signature (data contributor) Date:

Dr. Jörg Melzheimer 01.10.2021

Dr. Bettina Wachter 01.10.2021

Ruben Portas 01.10.2021

Name and signature (data recipients) Date:

Dr. Jörg Melzheimer 01.10.2021

Dr. Bettina Wachter 01.10.2021

Ruben Portas 01.10.2021