

20240831_Datasets_Swedish_Cranes_READ_ME.odt

This document contains the information collected on 20240831Sa from the Movebank website about the 3 Swedish cranes from which the datasets are used in The GeoStack Project.

Because the cranes are from Sweden we named these cranes 'Agneta' (Agneta Fältskog), 'Frida' (Anni-Frid Lyngstad) and 'Cajsa' (CajsaStina Åkerström) in the documentation of The GeoStack Project to honour these three famous Swedish singers which sounds a lot nicer than just 'crane 9381', 'crane 9407' and 'crane 9472'.

The datasets cannot be downloaded anymore from the Movebank website because these GPS tracking studies from 2013 – 2017 have ended after which the datasets were processed and finally taken offline by the dataset owners in 2022.

Fortunately the dataset owners gave permission to use the dataset snapshots (downloads) we had made in 2021 of these three historical datasets for The GeoStack Project.

LICENCE TERMS FOR DATASET USE: Publication permission of these three dataset snapshots on the GeoStack website was granted on 20220317Th by the dataset contact person Ramūnas Žydelis under the restriction the dataset is used FOR EDUCATION PURPOSES ONLY!

This means you can freely download and use the datasets for the GeoStack's Workshop and the GeoStack's Course as intended in the documentation of The GeoStack Project.

The 3 historical dataset snapshots of the Swedish crane datasets are the following files:

1. 20211028_Dataset_Crane_Agneta.csv (7.0 MB, 44,534 GPS locations)
2. 20211028_Dataset_Crane_Frida.csv (19.3 MB, 123,805 GPS locations)
3. 20211028_Dataset_Crane_Cajsa.csv (10.6 MB, 67,887 GPS locations)

Viewing the dataset snapshot files:

1. These CSV dataset files can easily be viewed in the spreadsheet program LibreOffice Calc.
2. Note: when opening the file check if the field 'Character set' is set to 'Unicode (UTF-8)' and not 'Unicode (UTF-16)' to get the text displayed correctly!
3. Of course the CSV file can be opened in a programming editor but that will not give the nice tabular presentation in columns as the long lines are wrapped.
4. Be aware it may take a few seconds to read the entire file into the spreadsheet and render it for display on the screen, depending on how fast your computer is.

Weblinks for the Swedish cranes on Movebank.org

1. These 3 cranes are part of the [Study - GPS telemetry of Common Cranes, Sweden](#)
2. Click 'Animals' in the left Window Pane to get the list of ringed cranes in this study.
3. A 'Freeze Frame' copy of the 'Animal Details' webpages of the 3 cranes are on the pages below as a snapshot in case these information pages get offline in the future.
4. Note: In the comments on the 'Animal Details' webpages are the color codes of the color rings that were put on the left and right upper legs (tibia) when the cranes were ringed in 2013.

Weblinks for Background Information on Terminology and Datasets

1. Study details
 1. https://www.movebank.org/cms/movebank-content/studies-page#study_details
2. Dataset attributes
 1. <https://www.movebank.org/cms/movebank-content/movebank-attribute-dictionary>
3. Movebank Data Model
 1. https://www.movebank.org/cms/movebank-content/mb-data-model#reference_data

Snapshot for crane 9407 'Agneta'

Weblink:

<https://www.movebank.org/movebank/#page=studies.path=study10722328+individual10819975>

Animal Details

Animal Id 9407
Taxon Grus grus
Taxon Detail *not set*
Sex *not set*
Nick Name *not set*
Comments Left tibia: R-R-W Right tibia: Bu-G-Y

Birth/Hatch Latitude *not set*
Birth/Hatch Longitude *not set*
Death Comments *not set*
Exact Date of Birth *not set*
Group ID *not set*
Latest Date Born *not set*
Marker ID *not set*
Mates *not set*
Mortality Latitude *not set*
Mortality Longitude *not set*
Mortality Type *not set*
Mortality Date *not set*
Offspring *not set*
Parents *not set*
Ring ID 9302538
Siblings *not set*

Animal Statistics

Time of First Location 2013-07-20 03:04:08.000
Time of Last Location 2017-03-01 06:00:09.000
Number of Locations 44534
Number of Records Valid (outlier)
GPS 44534 (0)

Snapshot for crane 9381 'Frida'

Weblink:

<https://www.movebank.org/movebank/#page=studies.path=study10722328+individual10836630>

Animal Details

Animal Id 9381
Taxon Grus grus
Taxon Detail *not set*
Sex *not set*
Nick Name *not set*
Comments Left tibia: R-R-W Right tibia: Bu-G-Bk

Birth/Hatch Latitude *not set*
Birth/Hatch Longitude *not set*
Death Comments *not set*
Exact Date of Birth *not set*
Group ID *not set*
Latest Date Born *not set*
Marker ID *not set*
Mates *not set*
Mortality Latitude *not set*
Mortality Longitude *not set*
Mortality Type *not set*
Mortality Date *not set*
Offspring *not set*
Parents *not set*
Ring ID 9302572
Siblings *not set*

Animal Statistics

Time of First Location 2013-07-21 03:06:32.000
Time of Last Location 2016-02-13 09:22:43.000
Number of Locations 123805
Number of Records Valid (outlier)
GPS 123805 (0)

Snapshot for crane 9472 'Cajsa'

Weblink:

[https://www.movebank.org/movebank/
#page=studies,path=study10722328+individual10819972](https://www.movebank.org/movebank/#page=studies,path=study10722328+individual10819972)

Animal Details

Animal Id 9472
Taxon Grus grus
Taxon Detail *not set*
Sex *not set*
Nick Name *not set*
Comments Left tibia: R-R-W Right tibia: Bu-G-R

Birth/Hatch Latitude *not set*
Birth/Hatch Longitude *not set*
Death Comments *not set*
Exact Date of Birth *not set*
Group ID *not set*
Latest Date Born *not set*
Marker ID *not set*
Mates *not set*
Mortality Latitude *not set*
Mortality Longitude *not set*
Mortality Type *not set*
Mortality Date *not set*
Offspring *not set*
Parents *not set*
Ring ID 9302570
Siblings *not set*

Animal Statistics

Time of First Location 2013-07-20 04:35:39.000
Time of Last Location 2016-08-20 15:52:39.000
Number of Locations 67887
Number of Records Valid (outlier)
GPS 67887 (0)