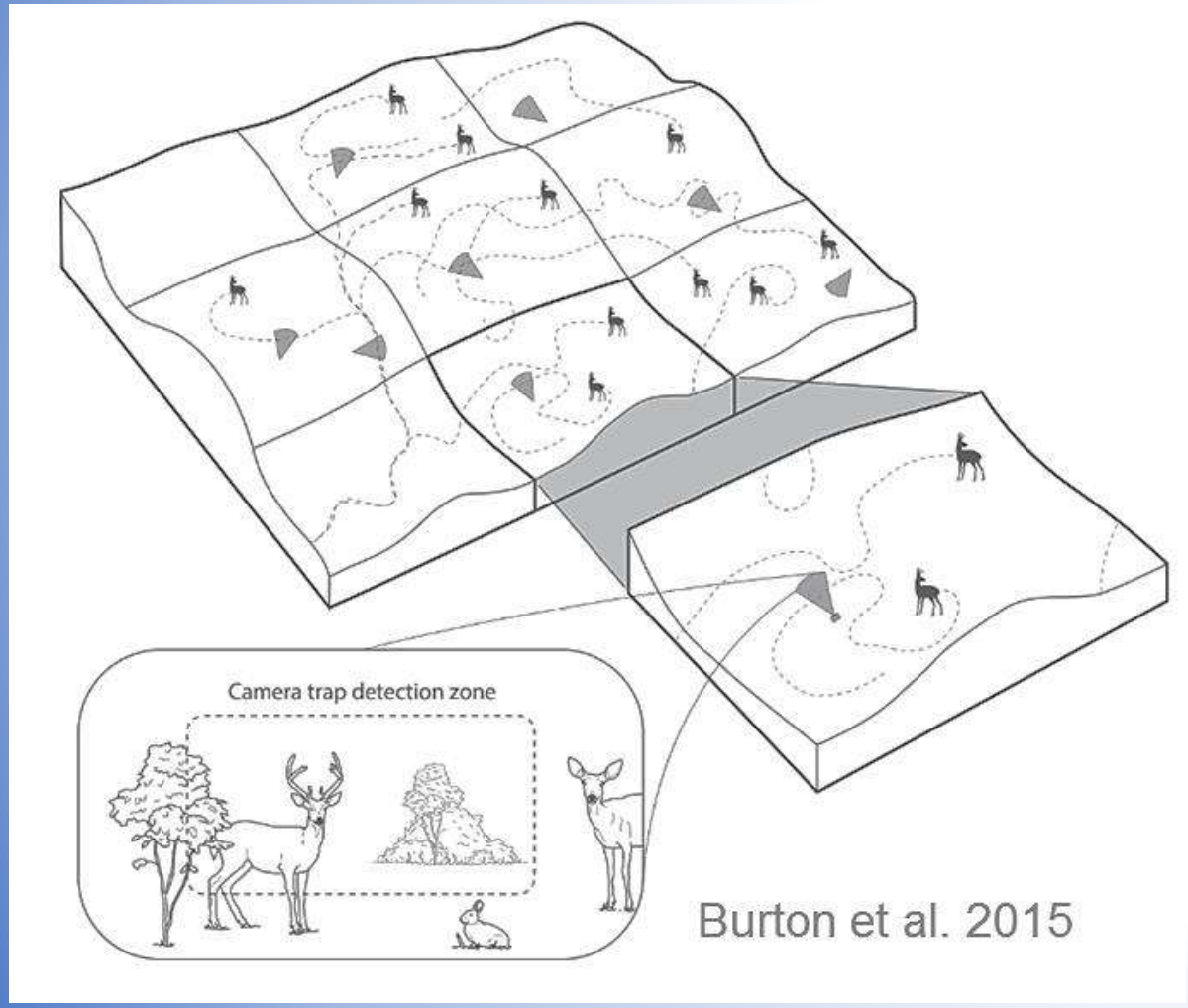
Agouti, a tool to facilitate camera trap research

- Trends
- Distribution
- Relative/absolute densities

From the field into Agouti



- Organizing the sampling & data collection
- Managing images from different projects
- Managing roles and rights of different collaborators and volunteers

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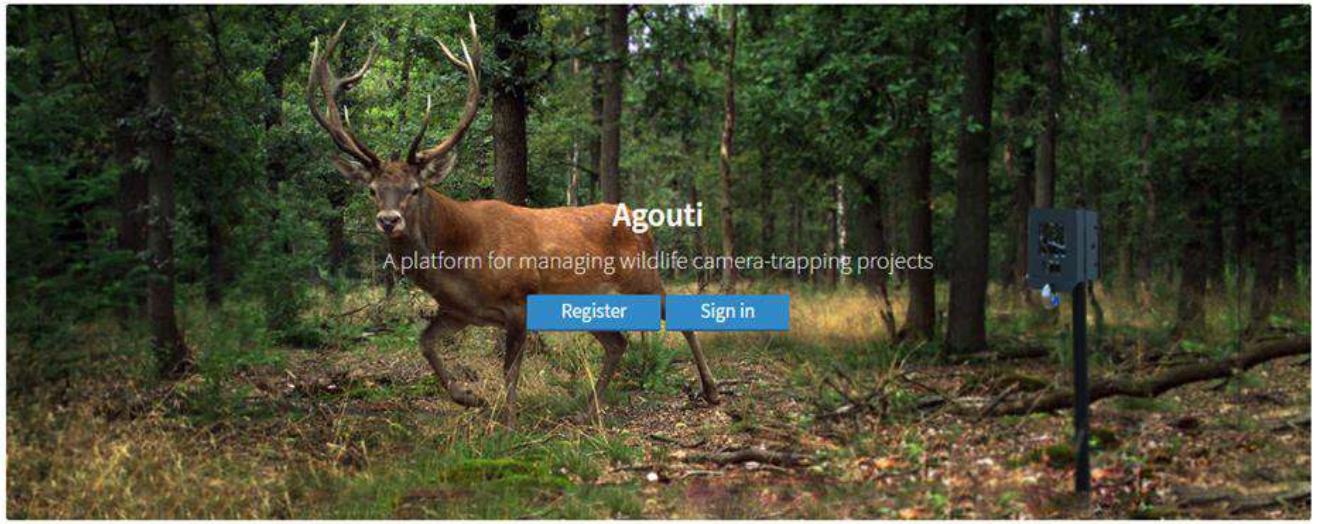
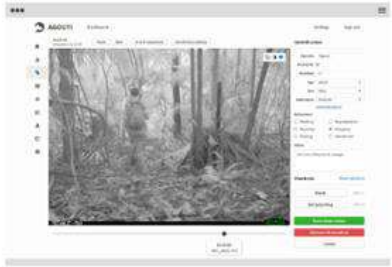
AGOUTI Dashboard Settings Logout



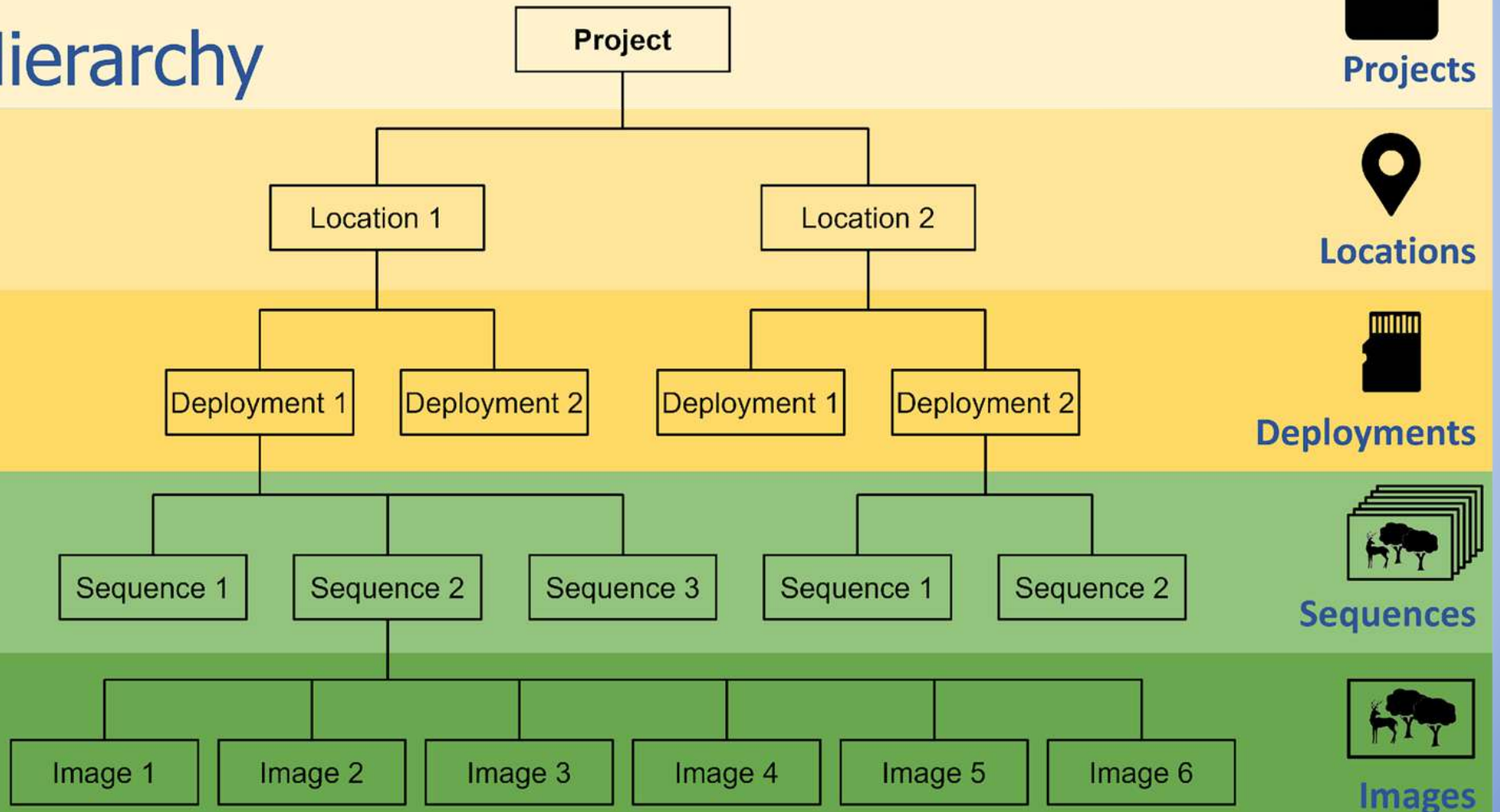
What is Agouti?

Camera traps provide an easy and non-invasive way to study wildlife. However, the processing and storage of the thousands of images that a typical study generates quickly becomes difficult. Also, project management can get challenging, especially if many cameras and multiple people are involved.

Agouti helps users to solve these challenges. It is a complete solution for organizations and individuals that use camera traps to survey wildlife. It lets camera trappers organize collaborative surveys, quickly and easily process images, obtain standardized summaries of the results, safely archive images and data, and ultimately summarize



Hierarchy


Project
Location 1
Location 2
Deployment 1
Deployment 2
Deployment 1
Deployment 2
Sequence 1
Sequence 2
Sequence 3
Sequence 1
Sequence 2
Image 1
Image 2
Image 3
Image 4
Image 5
Image 6
Projects
Locations
Deployments
Sequences
Images

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AGOUTI Dashboard

Settings Logout

Your Projects

Add New Project

Filter projects

Project filter on organisation

Found 81 projects.

Research Institute for Nature and Forest (INBO)

28 members

Zoniënwoud / Forêt de Soignes (OZON* Lifewatch)**

Zoniënwoud / Forêt de Soignes

You are Principal investigator

No project picture yet...

70 members

Vlaanderen Test

Flanders

You are Principal investigator

9 members

CASTOR - Beaver in Flanders

You are Admin

3 members

YUS CA Biodiversity Survey (ULB INBO* Lifewatch)**

Biodiversity survey in the YUS Conservation Area - Papua New Guinea.

You are Admin

27 members

GMU8 - Monitoring Faunabeheerzone 8

Faunabeheerzone 8

You are Admin

9 members

Predatoronderzoek Sigma-Schelde

36 members

NPHK - National Park Hoge Kempen

Hoge Kempen

No project picture yet...

4 members

Boommarter Kalmthout

22 members

PARTRIDGE - TEST

2 members

Monitoring De Munt

ZSL_IoZ_LinearLog....jpg ZSL_IoZ_StackedLo....jpg Agouti - ARISE 20....pptx EOW_template (1).pptx Alles bekijken

Overview
Import
Annotate
Browse
Project settings
Sampling management
User management
Export data
Dashboard
GMU8 - Monitoring Faunabeheerzone 8
GMU8 - Monitoring Faunabeheerzone 8
Project description
Piloot - Monitoringsproject
Deployments
Zaventem
Nossegem
Meerbeek

AGOUTI Dashboard

- Overview
- Import
- Annotate
- Browse
- Project settings
  - General
  - Species
- Sampling management
- User management
- Export data

Dashboard ▸ GMU8 - Monitoring Faunabeheerzone 8 ▸ Project settings

Project settings

Name GMU8 - Monitoring Faunabeheerzone 8

Location Faunabeheerzone 8 Edit location

Default UTC offset +01:00 - Brussels, Copenhagen, Madrid, Paris ×

The UTC offset depends on the timezone in which your camera was configured. Use a tool like timeanddate.com to calculate the offset.
Image timestamp of `2017-05-15 14:05:00` becomes `2017-05-15 13:05:00` UTC.

Description Piloot - Monitoringsproject

Image Browse... Minimum 480 by 240 pixels

Restricted access ON

Open for subscriptions OFF

Hide deployment locations OFF

Deployments are assigned OFF

Owner Jim Casaer

PI Jim Casaer

Organisation Research Institute for Nature and Forest (INBO)

Sampling design

Baits No bait ×

Quiet period 0 seconds

Sampling design Systematic random ×

Annotation

Sequence cut-off 120 seconds

Sequence cut-off can not be changed when sequences have been added.

Automatic annotation Select a model

Save Changes

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AGOUTI Dashboard

Settings Logout

- Overview
- Import
- Annotate
- Browse
- Project settings
- Sampling management
- User management
- Export data

Dashboard ▸ GMU8 - Monitoring Faunabeheerzone 8 ▸ User management

User management

Members	
Principal investigators	0
Volunteers	16
Pending requests	0

Project access

Use this link to allow users to request access to your project.

https://www.agouti.eu/#/project/91e1e104-a296-461e-af79-eeb6cb3e6c7f/rec Copy

Pending requests

No pending requests found

Members

First name	Last name	Role	
Kathleen	Vanhuyse	PHOTO_PROCESSOR	Edit Delete
Yasmine	Verzelen	VOLUNTEER	Edit Delete
Jonas	Depecker	PHOTO_PROCESSOR	Edit Delete
Sander	Devisscher	PHOTO_PROCESSOR	Edit Delete
Jurgen	Huybrechts	VOLUNTEER	Edit Delete
Jan	Vercammen	PROJECT_COORDINATOR	Edit Delete

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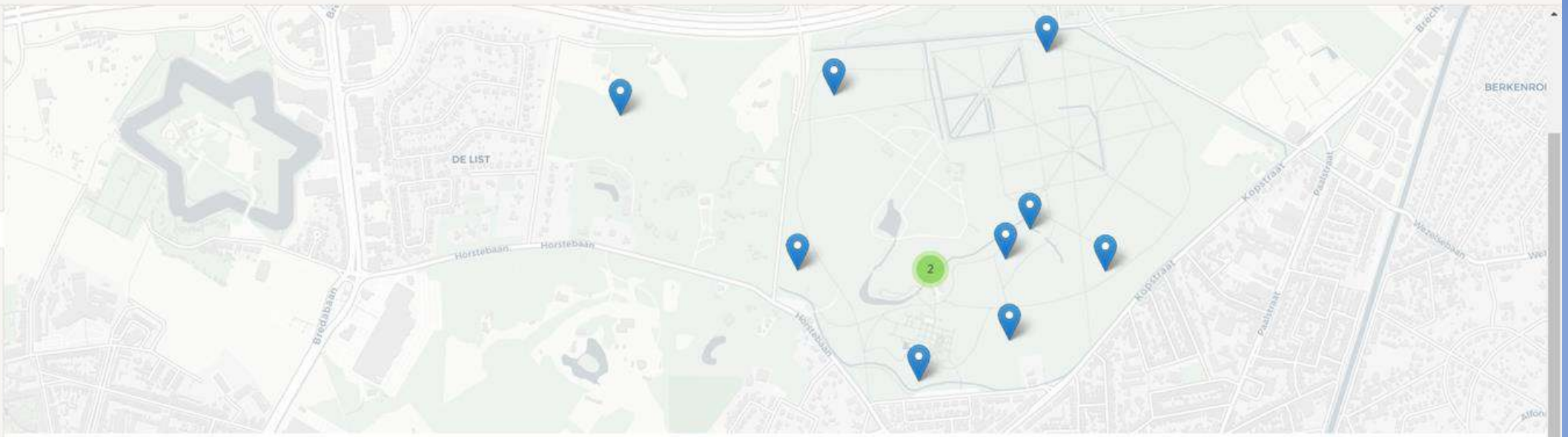
AGOUTI Dashboard

Settings Logout

- Overview
- Import
- Annotate
- Browse
- Project settings
- Sampling management
- User management
- Export data



Sampling points

Name

Upload CSV | Add New Sampling Point

Vordenstein 8	Edit Delete
Vordenstein 5	Edit Delete
Vordenstein 6	Edit Delete
Vordenstein 7	Edit Delete
Vordenstein 10	Edit Delete
Vordenstein 11	Edit Delete
Vordenstein 12	Edit Delete

Screenshot 2022-....png | Screenshot 2022-....png | Screenshot 2022-....png | Screenshot 2022-....png | Screenshot 2022-....png | ZSL_IoZ_LinearLog....jpg | ZSL_IoZ_StackedLo....jpg | Alles bekijken

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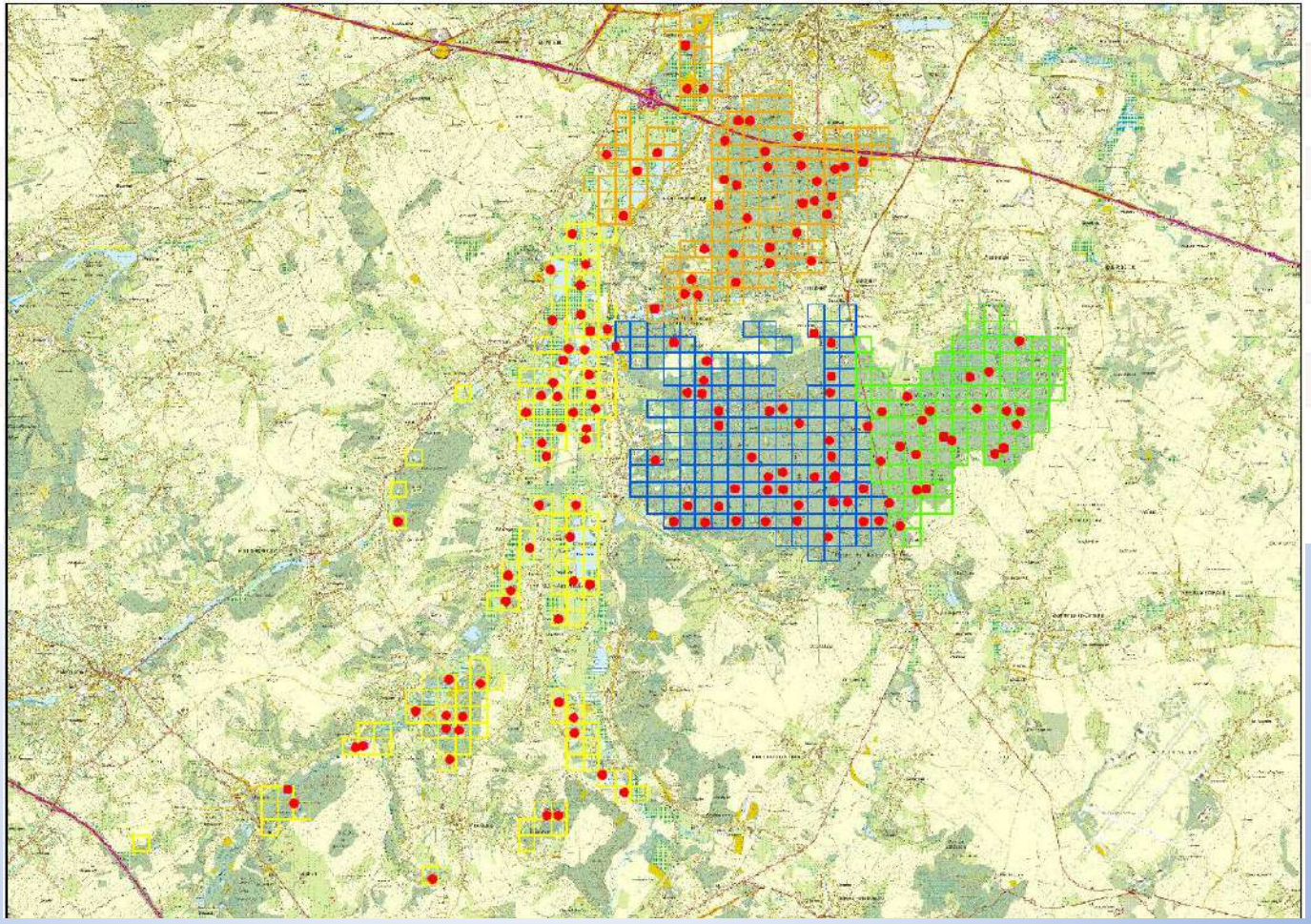
Deployment Tags

Name

Add New Tag

Dijlevallei	Edit	Delete
Meerdaal Oost	Edit	Delete
Meerdaal West	Edit	Delete
Egenhovenbos	Edit	Delete
Heverleebos	Edit	Delete
Laanvallei	Edit	Delete
IJsevallei	Edit	Delete



Cameras

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AGOUTI Dashboard

Settings Logout

Dashboard ▸ Vlaanderen Test ▸ Annotate ▸

2022_1_27 Sequence 4 of 7

Back Next

Identification

Species: *Capreolus capreolus*

Uncertain / Likely ☐

Amount: 1

Sex: Unknown

Age: Adult

Behaviour

☐ Foraging ☐ Running
☐ Scent marking ☐ test
☐ Walking

Notes

Notes

Save Observation

Delete Observation

Back To List

https://www.agouti.eu/#/project/a1b6fd75-5109-4927-9b78-06e934441476/overview

From Agouti back to ….

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AGOUTI Dashboard

Settings Logout

- Overview
- Import
- Annotate
- Browse
- Project settings
- Sampling management
- User management
- Export data

Dashboard ▸ GMU8 - Monitoring Faunabeheerzone 8 ▸ Export data

Export data

Previous exports

Create Export

Filename	Time of export	Status	Size	
gmu8-monitoring-faunabeheerzone-8-20220314100427.zip	14 March 2022 12:07:36	Completed	43.6MB	Download
gmu8-monitoring-faunabeheerzone-8-20220110142747.zip	10 January 2022 16:31:33	Completed	41.4MB	Download
gmu8-monitoring-faunabeheerzone-8-20211215144047.zip	15 December 2021 16:43:18	Completed	40.7MB	Download
gmu8-monitoring-faunabeheerzone-8-20211206100939.zip	6 December 2021 11:20:02	Completed	40.2MB	Download
gmu8-monitoring-faunabeheerzone-8-20211021085629.zip	21 October 2021 11:08:17	Completed	39.1MB	Download
	19 October 2021 14:47:23	Error	0MB	
gmu8-monitoring-faunabeheerzone-8-20210908082146.zip	8 September 2021 10:37:10	Completed	38.0MB	Download
gmu8-monitoring-faunabeheerzone-8-20210802111148.zip	2 August 2021 13:25:16	Completed	36.3MB	Download
gmu8-monitoring-faunabeheerzone-8-20210604083410.zip	4 June 2021 10:44:14	Completed	35.6MB	Download
gmu8-monitoring-faunabeheerzone-8-20210603083427.zip	3 June 2021 10:48:07	Completed	35.4MB	Download
gmu8-monitoring-faunabeheerzone-8-20210531135057.zip	31 May 2021 16:04:32	Completed	35.2MB	Download
gmu8-monitoring-faunabeheerzone-8-20210527121356.zip	27 May 2021 14:30:47	Completed	34.7MB	Download
gmu8-monitoring-faunabeheerzone-8-20210505121928.zip	5 May 2021 14:32:00	Completed	33.9MB	Download
	13 March 2021 19:21:20	Error	0MB	
gmu8-monitoring-faunabeheerzone-8-20210301093537.zip	1 March 2021 10:45:47	Completed	30.8MB	Download

WAGENINGEN

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tdwg.github.io/camtrap-dp/

Camtrap DP

Home Metadata Data GitHub

Camera Trap Data Package (or **Camtrap DP** for short) is a community developed data exchange format for camera trap data.

Usage

A Camtrap DP is a Frictionless Data Package that consists of:

File	Description
`datapackage.json`	Metadata regarding the data package and camera trap project.
`deployments.csv`	Table with camera trap deployments.
`media.csv`	Table with media files captured by the camera traps.
`observations.csv`	Table with observations based on the media files.

Example

Example dataset following Camtrap DP specifications.

Validation

To allow validation, the `datapackage.json` of your dataset should reference the used version of Camtrap DP, both in `profile` and the resources' `schema`:

- Standardization
  - Agouti
  - Trapper
  - eMammal
  - Wildlife Insights
- Hosted
  - Biodiversity Information Standards (TDWG)

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Get data | How to | Tools | Community | About

OCCURRENCE DATASET | REGISTERED NOVEMBER 13, 2020

MICA - Muskrat occurrences collected by RATO in East Flanders, Belgium

Published by Research Institute for Nature and Forest (INBO)

Van Moer K • Brosens D • Cartuyvels E • Adriaens T • Baert K • Devisscher S • Neukermans A • Huysentruyt F

DATASET | PROJECT | METRICS | ACTIVITY | DOWNLOAD | HOME PAGE | 3,153 OCCURRENCES | 3 CITATIONS

MICA - Muskrat occurrences collected by RATO in East Flanders, Belgium is an occurrence dataset published by the Research Institute of Nature and Forest (INBO). It is part of the LIFE project MICA, in which innovative techniques are tested for a more efficient control of muskrat and coypu populations, both invasive species. This dataset contains muskrat trap captures. Here it is published as a standardized Darwin Core Archive and includes for each occurrence record an occurrenceID, date, locatio... More

MICA

Project ID: LIFE18 NAT/NL/001047

Publication date: October 22, 2021

Metadata last modified: October 22, 2021

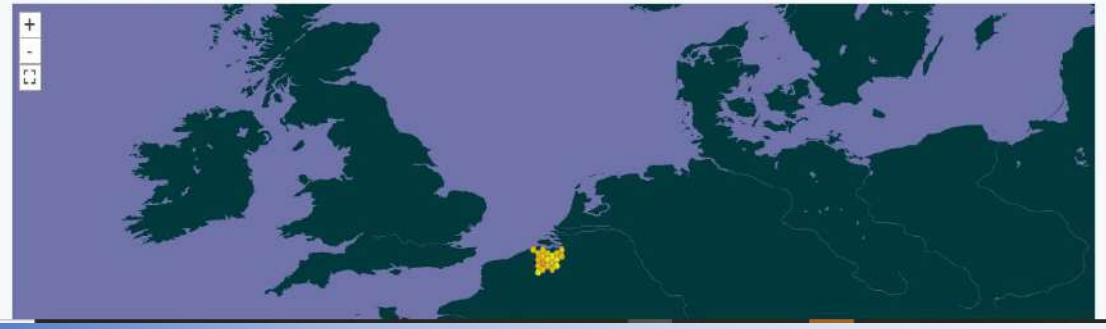
Hosted by: Research Institute for Nature and Forest (INBO)

Licence: CC0 1.0

How to cite | DOI 10.15468/5fps96

3,153 Occurrences | 100% With taxon match | 100% With coordinates | 100% With year

3,153 GEOREFERENCED RECORDS



zenodo | Search | Upload | Communities | Log in | Sign up

October 21, 2021 | Dataset | Open Access

MICA - Muskrat and coypu camera trap observations in Belgium, the Netherlands and Germany

Cartuyvels, Emma; Adriaens, Tim; Baert, Kristof; Brosens, Dimitri; Oaseer, Jim; Devisscher, Sander; Donckers, Dennis; Fritz, Heiko; Huysentruyt, Frank; Lodewijkx, Jan; Maistrelli, Claudia; Neukermans, Axel; Slootmaekers, Dan; Van der beeck, Danny; Desmet, Peter

MICA - Muskrat and coypu camera trap observations in Belgium, the Netherlands and Germany is a camera trap observations dataset published by the Research Institute of Nature and Forest (INBO). It is part of the LIFE project MICA, in which innovative techniques are tested for a more efficient control of muskrat and coypu populations, both invasive species. The dataset contains camera trap observations of muskrat and coypu, as well as many other observed species.

Data in this package are exported from the camera trap management system Agouti (https://agouti.eu) and formatted as a Camera Trap Data Package (Camtrap DP).

Files

Files are structured as a Frictionless Data Package. You can access all data in R via `https://zenodo.org/record/5590881/files/datapackage.json` using datapackage.

- **datapackage.json**: technical description of the data files.
- **deployments.csv**: camera trap deployments. Includes `deploymentID`, start, end, location and camera setup information.
- **media.csv**: media files (images/videos) captured by the camera traps. Associated with deployments (`deploymentID`) and organized in sequences (`sequenceID`). Includes timestamp and file path.
- **observations.csv**: observations based on the media files. Associated with deployments (`deploymentID`) and sequences (`sequenceID`). Observations can mark non-animal events (camera setup, human, blank) or one or more animal observations (`observationType = animal`) of a certain taxon, count, age, sex, behaviour and/or individual.

This dataset was collected using infrastructure provided by INBO and funded by Research Foundation - Flanders (FWO) as part of the Belgian contribution to LifeWatch. The data were collected as part of the MICA project, which received funding from the European Union's LIFE Environment sub-programme under the grant agreement LIFE18 NAT/NL/001047. The dataset was published with funding from Stichting NLBIF - Netherlands Biodiversity Information Facility.

Preview

259 views | 177 downloads

See more details...

Indexed in OpenAIRE

Publication date: October 21, 2021

DOI:

Keyword(s): camera trap | biologging | mammals | Agouti | Camtrap DP | frictionlessdata

Related identifiers: Source of 10.15468/5tb6ze (Dataset)

Communities: Agouti - A platform for managing wildlife camera trapping projects; Research Institute for Nature and Forest (INBO); LifeWatch Belgium; NLBIF; Open science lab for biodiversity

License (for files): Creative Commons Zero v1.0 Universal

…. into R for visualisation and analysis

```
unzip("./Grofwild/Meerdaal/Data/Input/Agouti/gmu8.zip",exdir =
"./filesGMU8")

GMU8 <- read_camtrap_dp("./filesGMU8")
```

maak_gpx_filesvoorterreinwerk.Rmd | Verwerking_cameravallen.Rmd | GMU8 | GMU8

Show Attributes

Name	Type	Value
GMU8	list [4]	List of length 4
datapackage	list [14]	List of length 14
deployments	list [1410 x 24] (S3: tbl_df, tbl, da	A tibble with 1410 rows and 24 columns
media	list [975441 x 12] (S3: tbl_df, tbl,	A tibble with 975441 rows and 12 columns
observations	list [127535 x 25] (S3: tbl_df, tbl,	A tibble with 127535 rows and 25 columns

Deployments

locationName	longitude	latitude	coordinateUncertainty	start	end	setupBy	cameraID	cameraModel
2018_4_1062	4.72889	50.80917	NA	2018-07-17 17:08:14	2018-08-17 16:14:07	louis Binon	NA	NA
2020_2_1006	4.71972	50.80778	NA	2020-02-08 13:56:04	2020-03-19 14:09:12	louis Binon	NA	NA
2020_7_1473	4.63630	50.82920	NA	2020-06-29 10:36:00	2020-08-03 10:24:26	Niko Boone	NA	NA
2020_1_1278	4.73222	50.81856	NA	2020-01-04 10:52:44	2020-02-08 13:25:18	louis Binon	NA	NA
2020_1_385	4.61612	50.76698	NA	2020-01-02 11:35:10	2020-02-03 09:20:54	Niko Boone	NA	NA
2020_4_851	4.69931	50.80020	NA	2020-04-08 07:47:53	2020-05-08 12:25:42	Jim Casaer	NA	NA
2019_11_1435	4.64262	50.82697	NA	2019-12-04 15:09:57	2020-01-02 07:43:45	Niko Boone	NA	NA
2020_12_1435	4.64286	50.82716	NA	2020-12-01 13:45:53	2021-01-06 13:52:39	Niko Boone	NA	NA
2018_1_1006	4.71861	50.80778	NA	2018-03-30 12:32:34	2018-05-01 10:09:36	louis Binon	NA	NA
2018_1_691	4.60223	50.79389	NA	2018-03-26 12:54:44	2018-04-27 12:36:34	Niko Boone	NA	NA
2021_8_810	4.71626	50.79870	NA	2021-08-03 17:10:04	2021-08-28 07:34:16	louis Binon	NA	NA
2019_4_360	4.61580	50.76491	NA	2019-05-07 07:23:31	2019-06-14 08:59:46	Niko Boone	NA	NA
2019_4_1255	4.65100	50.81860	NA	2019-05-04 13:26:33	2019-06-10 15:14:44	Kathleen Vanhuyse	NA	NA

Observations

deploymentID	sequenceID	mediaID	timestamp	observationType	cameraSetup	taxonID	taxonIDRefere
00acd030-20ba-4e78-acae-76543240f0ac	3757bdcd-9a6c-45f2-9558-24a555b692da	NA	2018-07-17 17:08:14	unclassified	TRUE	NA	NA
00acd030-20ba-4e78-acae-76543240f0ac	dd883df5-7b9e-414c-9f6f-0026e5fd2b83	NA	2018-07-17 23:00:00	unclassified	FALSE	NA	NA
00acd030-20ba-4e78-acae-76543240f0ac	c172cc61-520d-4afb-b286-4d649df861cf	NA	2018-07-18 04:31:05	animal	FALSE	QSF3	https://www.cat
00acd030-20ba-4e78-acae-76543240f0ac	8cba4552-67d3-442c-b276-695dee9c6cf1	NA	2018-07-18 11:00:00	unclassified	FALSE	NA	NA
00acd030-20ba-4e78-acae-76543240f0ac	a3b457e2-e251-47eb-baa9-f7ba31e2a065	NA	2018-07-18 23:00:00	unclassified	FALSE	NA	NA
00acd030-20ba-4e78-acae-76543240f0ac	83bf39cc-3275-4c06-b828-31f9dc27ba00	NA	2018-07-19 03:36:59	animal	FALSE	53HGR	https://www.cat
00acd030-20ba-4e78-acae-76543240f0ac	83bf39cc-3275-4c06-b828-31f9dc27ba00	NA	2018-07-19 03:36:59	animal	FALSE	53HGR	https://www.cat
00acd030-20ba-4e78-acae-76543240f0ac	83bf39cc-3275-4c06-b828-31f9dc27ba00	NA	2018-07-19 03:36:59	animal	FALSE	53HGR	https://www.cat
00acd030-20ba-4e78-acae-76543240f0ac	0f8b0c03-5e51-477a-8181-467c1304616e	NA	2018-07-19 11:00:00	unclassified	FALSE	NA	NA
00acd030-20ba-4e78-acae-76543240f0ac	b5705888-b6fb-4d1b-a8ee-977fae0f9de0	NA	2018-07-19 23:00:00	unclassified	FALSE	NA	NA
00acd030-20ba-4e78-acae-76543240f0ac	07600279-e237-42f0-8202-2daad7ec6a4c	NA	2018-07-20 11:00:00	unclassified	FALSE	NA	NA
00acd030-20ba-4e78-acae-76543240f0ac	b6b4775d-afb8-4b2d-a8ea-70ace63e5b30	NA	2018-07-20 23:00:00	unclassified	FALSE	NA	NA
00acd030-20ba-4e78-acae-76543240f0ac	f5da40c5-6436-41f6-9832-cdf1180f2f4b	NA	2018-07-21 11:00:00	unclassified	FALSE	NA	NA

Observations

scientificName	taxonRank	vernacularNames.en	vernacularNames.nl	count	countNew	lifeStage	sex	behaviour	individualID	classificationI
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	human
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Capreolus capreolus	species	roe deer	ree	1	NA	unknown	female	NA	NA	human
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sus scrofa	species	wild boar	everzwijn	1	NA	adult	male	NA	NA	human
Sus scrofa	species	wild boar	everzwijn	20	NA	unknown	unknown	NA	NA	human
Sus scrofa	species	wild boar	everzwijn	4	NA	adult	female	NA	NA	human
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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inbo.github.io/camtraptor/

camtraptor 0.12.1 Reference Articles

camtraptor

Camtraptor is an R package to read, explore and visualize Camera Trap Data Packages (Camtrap DP). Camtrap DP is a community developed data exchange format for this type of data. With camtraptor you can read and filter data, create overviews of observed species, relative abundance or effort, and plot these data on a map.

To get started, see:

- Vignettes: tutorials showcasing functionality.
- Function reference: overview of all functions.

Installation

You can install the development version of camtraptor from GitHub with:

```
# install.packages("devtools")
devtools::install_github("inbo/camtraptor")
```

Example

Get the taxonomic coverage for an example Camera Trap Data Package `mica`:

```
library(camtraptor)
get_species(mica)
#> # A tibble: 9 × 5
#>   taxonID taxonIDReference      scientificName vernacularNames… vernacularNames…
#>   <chr>   <chr>                 <chr>          <chr>            <chr>
#> 1 DGP6    https://www.catalogu… Anas platyrhy… mallard          wilde eend
#> 2 DGPL    https://www.catalogu… Anas strepera  gadwall          krakeend
#> 3 32FH    https://www.catalogu… Ardea          great herons     reigers
#> 4 GCHS    https://www.catalogu… Ardea cinerea  grey heron       blauwe reiger
#> 5 RQPW    https://www.catalogu… Castor fiber   Eurasian beaver  bever
#> 6 6MB3T   https://www.catalogu… Homo sapiens   human            mens
#> 7 3Y9VW   https://www.catalogu… Martes foina   beech marten     steenmarter
#> 8 44QYC   https://www.catalogu… Mustela putor… European polecat bunzing
#> 9 5BSG3   https://www.catalogu… Vulpes vulpes  red fox          vos
```

Filter observations in `mica` on female mallards and map the number of individuals per deployment location:

Links

Browse source code

Report a bug

License

MIT + file LICENSE

Community

Contributing guide

Code of conduct

Citation

Citing camtraptor

Developers

Damiano Oldoni
Author, maintainer

Peter Desmet
Author

More about authors...

Dev status

R-CMD-check-OS passing

codecov 74%

repo status Active

funded by FWO for lifewatch.be

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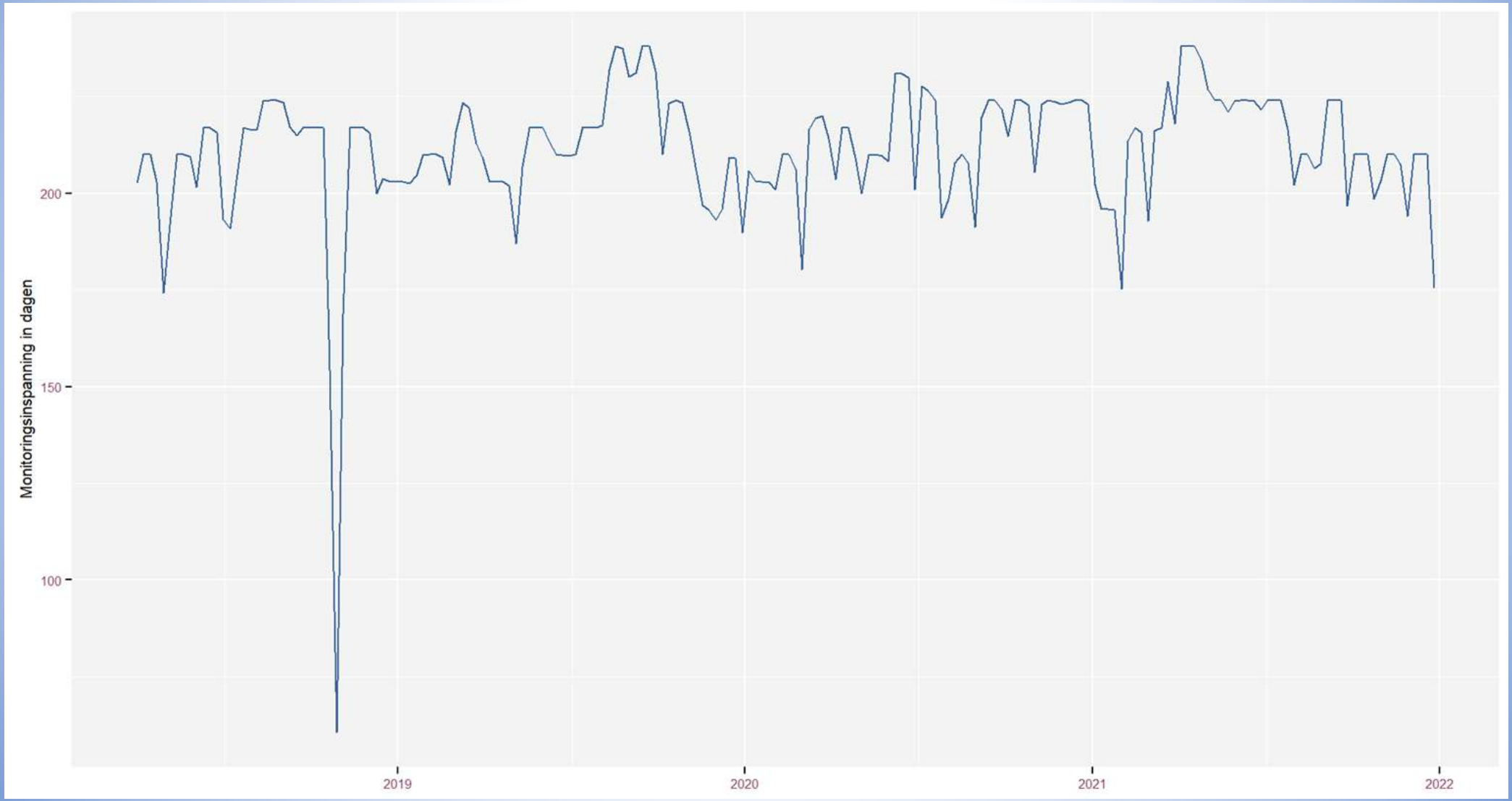
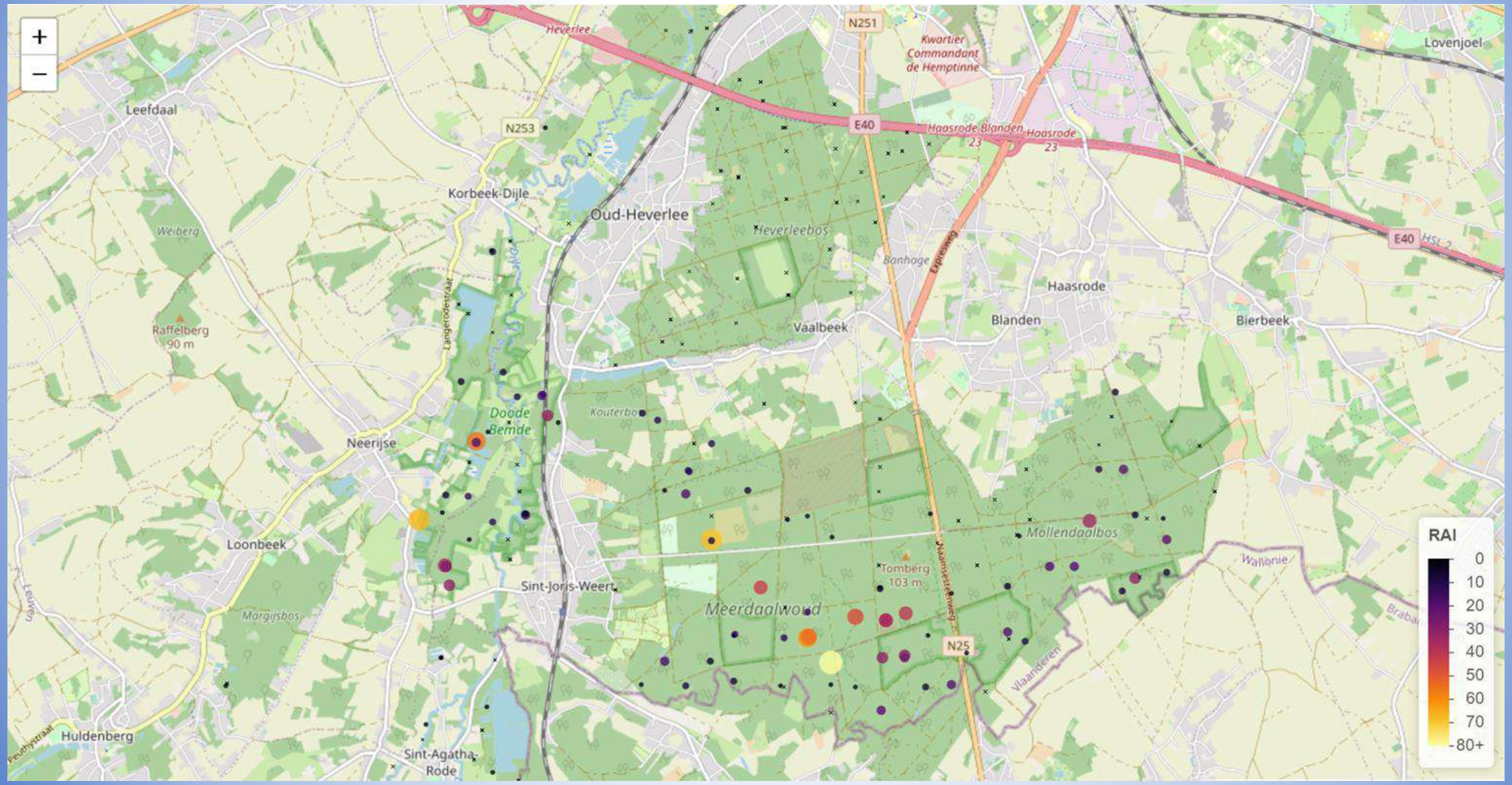
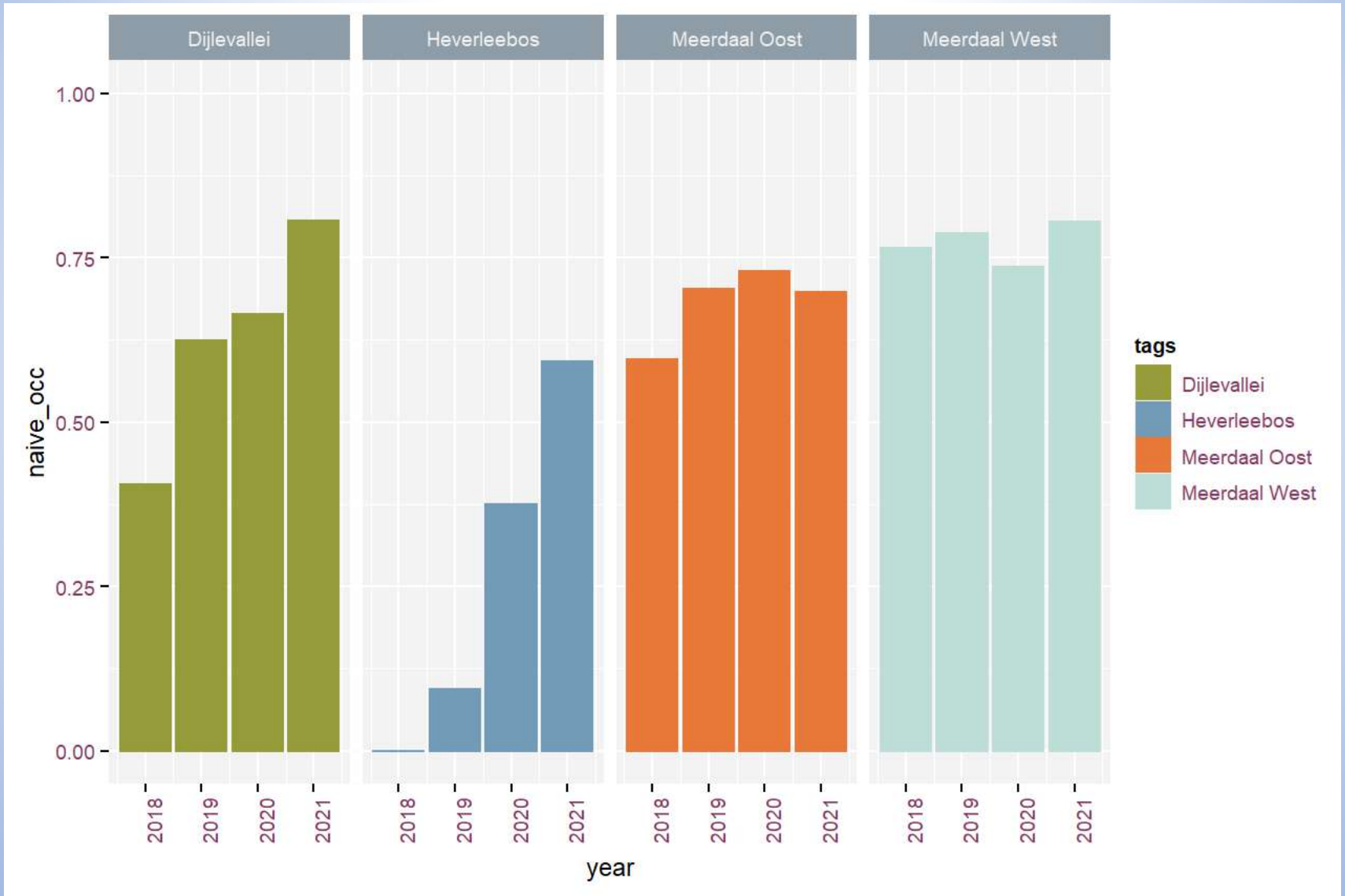

Monitoringsinspanning in dagen
200
150
100
2019
2020
2021
2022


Heverlee
N251
Kwartier Commandant de Hemptinne
Lovenjoel
Leefdaal
N253
E40
Haasrode Blanden 23
Haasrode 23
Korbeek-Dijle
Oud-Heverlee
Heverleebos
Weiberg
Banhoge
Expressweg
E40
HSL 2
Haasrode
Blanden
Bierbeek
Raffelberg 90 m
Langerodestraat
Vaalbeek
Doode Bemde
Kouterbos
Neerijse
Mollendaalbos
Loonbeek
Tomberg 103 m
Waterstraat
Wallonie
Sint-Joris-Weert
Meerdaalwoud
Margijsbos
N25
Vlaanderen
Huldenberg
Sint-Agatha-Rode
RAI
0
10
20
30
40
50
60
70
80+


Dijlevallei
Heverleebos
Meerdaal Oost
Meerdaal West
naive_occ
1.00
0.75
0.50
0.25
0.00
2018
2019
2020
2021
year
tags
Dijlevallei
Heverleebos
Meerdaal Oost
Meerdaal West

Dijlevallei
Heverleebos
Meerdaal Oost
Meerdaal West
60
40
20
0
rai
2019
2020
2021
2022
start
tags
Dijlevallei
Heverleebos
Meerdaal Oost
Meerdaal West

…. distance, angle and speed

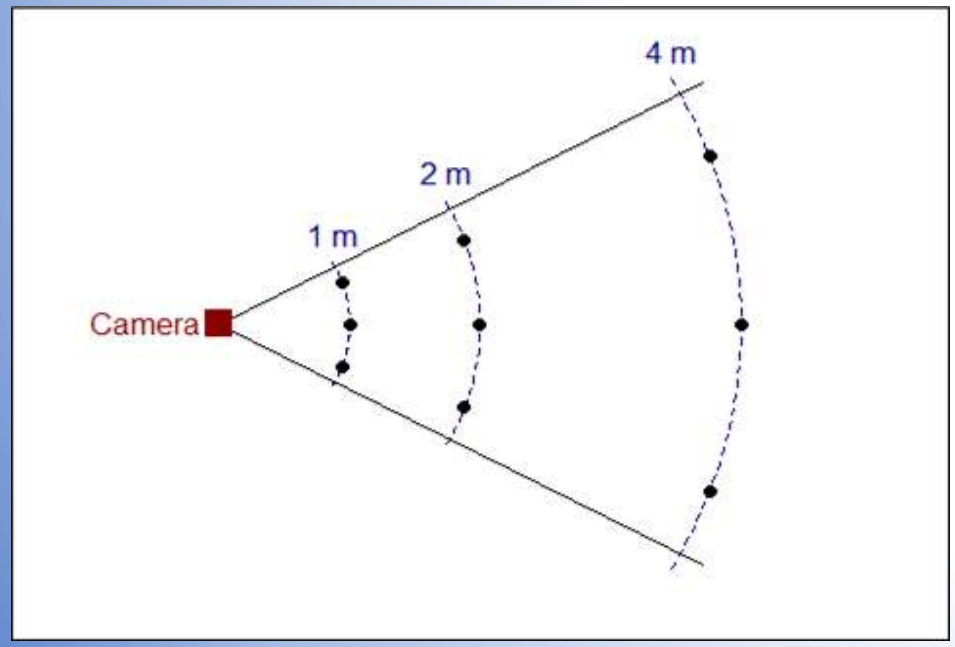
The need for a distance, angle and speed to calculate densities

? Where is the animal in my field of view ?

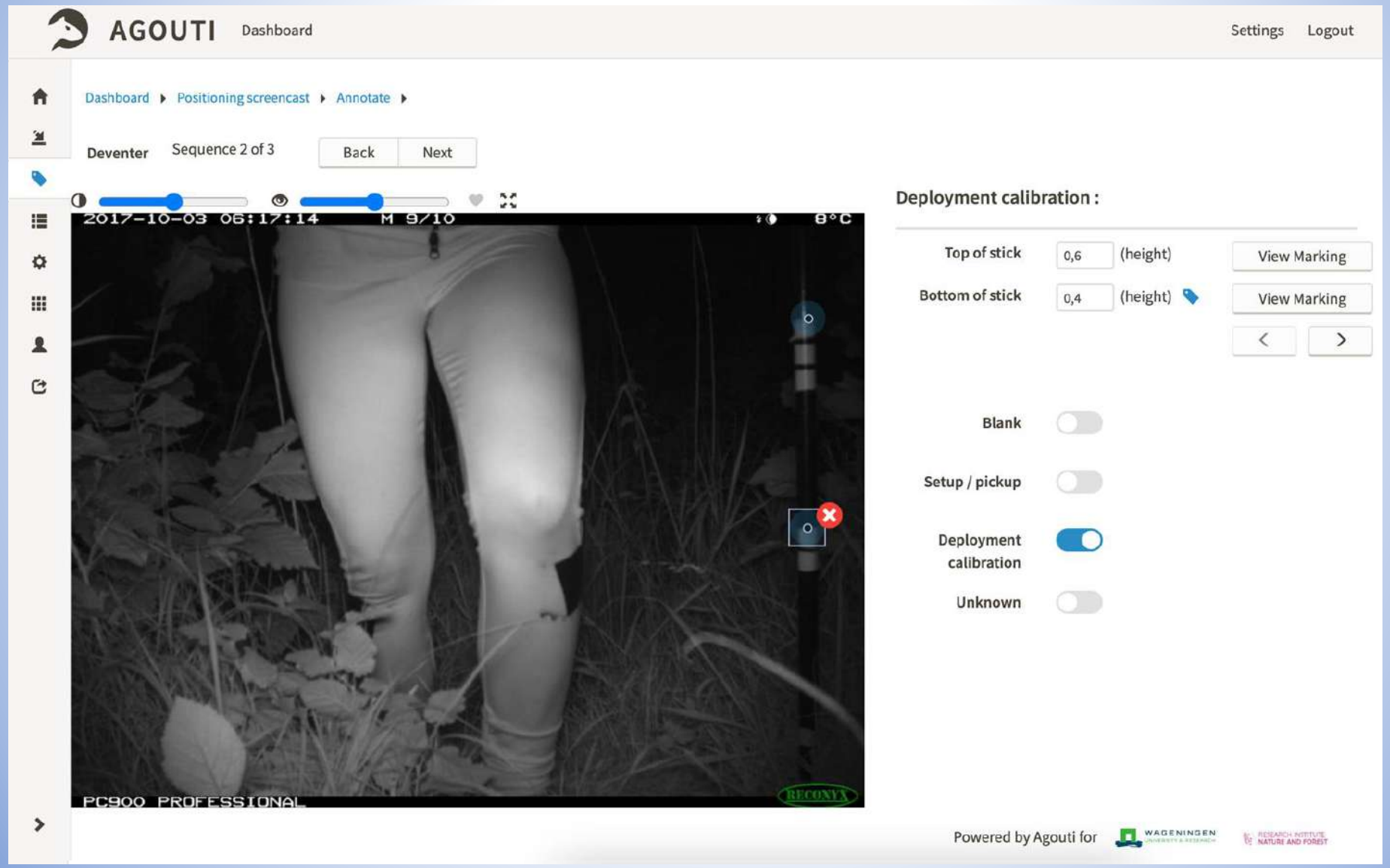
? What is the speed of the animals when they are active ?

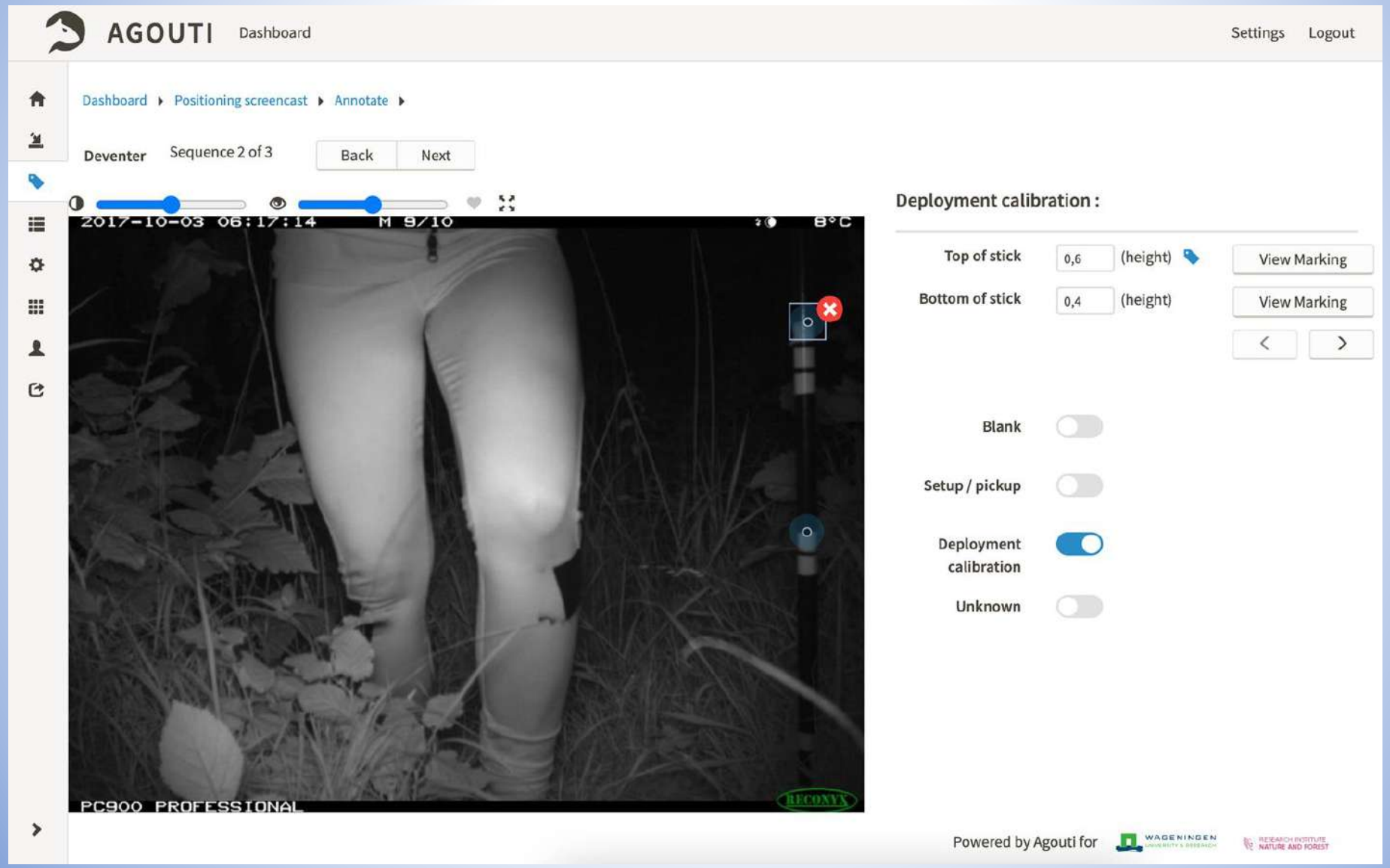
The need for a distance, angle and speed to calculate densities

First step : calibration of a camera type



Step 2 : calibration of the deployment


AGOUTI
Dashboard
Settings
Logout
Dashboard ▸ Positioning screencast ▸ Annotate ▸
Deventer
Sequence 2 of 3
Back
Next
2017-10-03 06:17:14
M 9/10
8°C
PC900 PROFESSIONAL
RECONYX
Deployment calibration :
Top of stick
0,6
(height)
View Marking
Bottom of stick
0,4
(height)
View Marking
Blank
Setup / pickup
Deployment calibration
Unknown
Powered by Agouti for
WAGENINGEN
RESEARCH INSTITUTE NATURE AND FOREST


AGOUTI
Dashboard
Settings
Logout
Dashboard
Positioning screencast
Annotate
Deventer
Sequence 2 of 3
Back
Next
2017-10-03 06:17:14
M 9/10
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Deployment calibration :
Top of stick
0,6
(height)
View Marking
Bottom of stick
0,4
(height)
View Marking
Blank
Setup / pickup
Deployment calibration
Unknown
Powered by Agouti for
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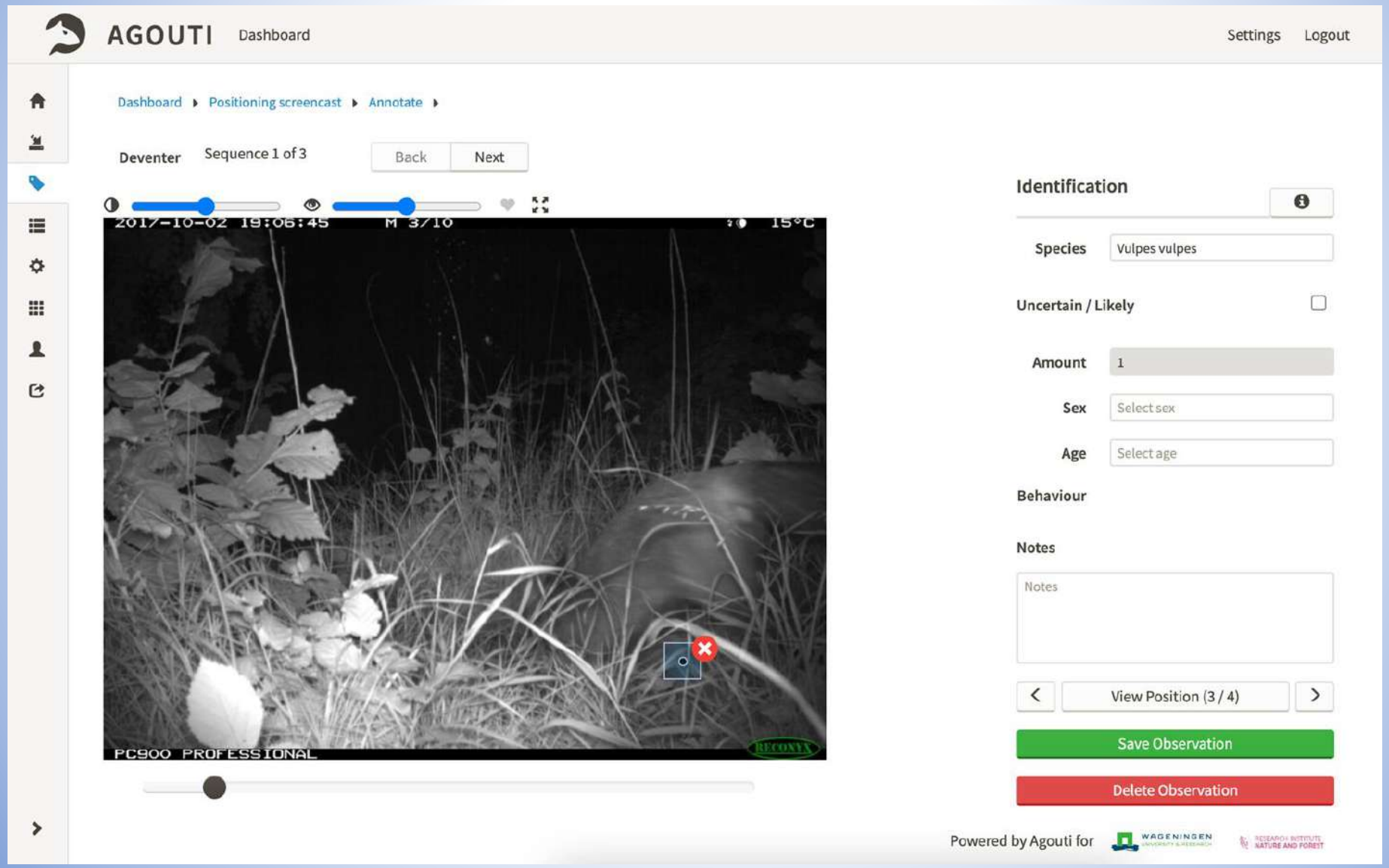
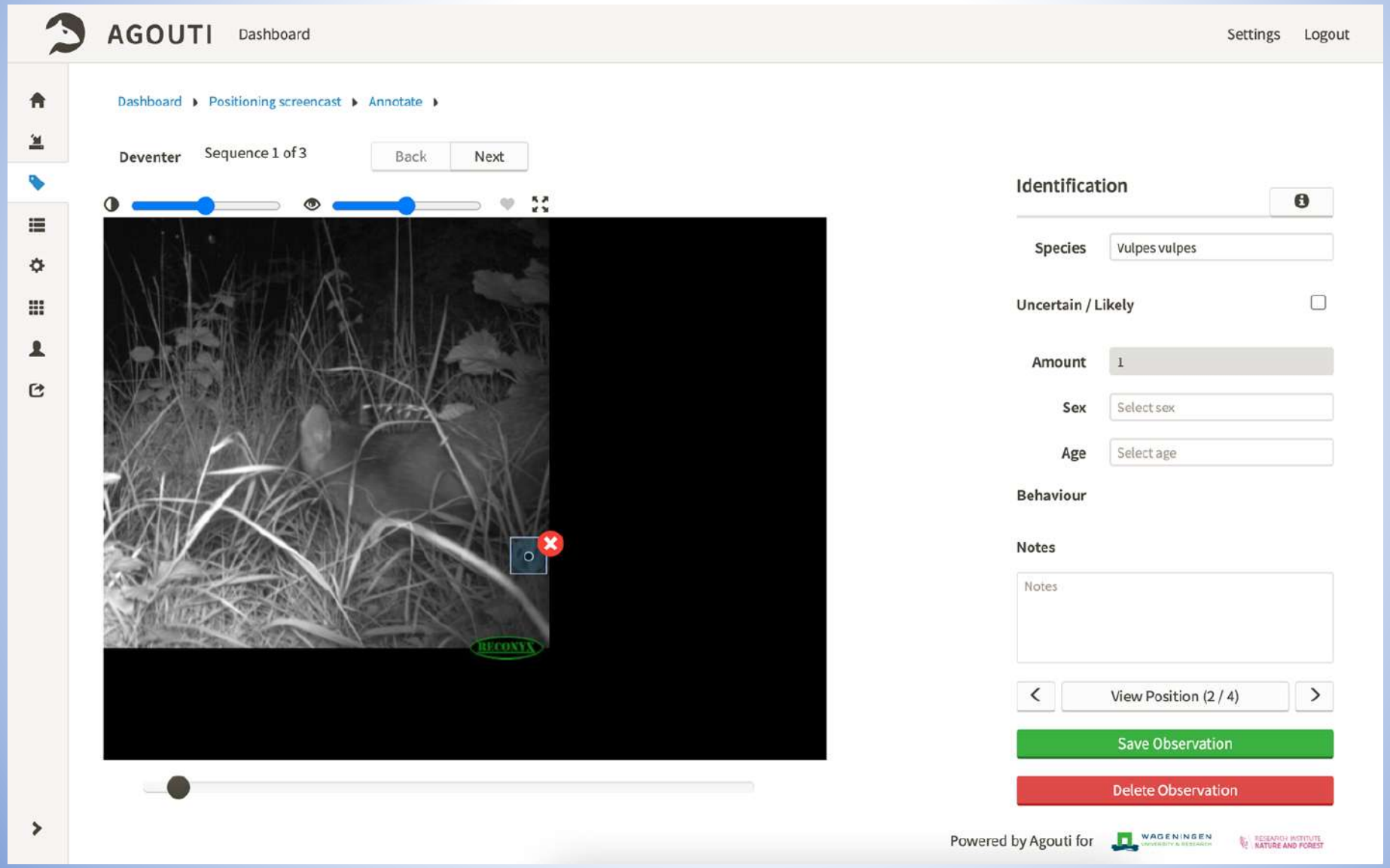
Step 3 : where is the animal ?

ENETWILD

eOW european observatory of wildlife




AGOUTI
Dashboard
Settings
Logout
Dashboard ▸ Positioning screencast ▸ Annotate ▸
Deventer
Sequence 1 of 3
Back
Next
Identification
Species
Vulpes vulpes
Uncertain / Likely
Amount
1
Sex
Select sex
Age
Select age
Behaviour
Notes
Notes
View Position (2 / 4)
Save Observation
Delete Observation
Powered by Agouti for
WAGENINGEN
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ENETWILD

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AGOUTI Dashboard Settings Logout

Dashboard ▸ Positioning screencast ▸ Export data

Y2 fx

	C	D E F G H	I	J	K L M N O P Q R S T	U	V	W	X	Y	Z	AA
1	sequenceID	m ti ol ca ta	scientificNar	count	cc lif se be in cl cl cl cl cc	_id	speed	distance	angle			
2	5d2915b6-14a	2(a(#	5I Vulpes vulpe	1	hi Y 2022-04-22T10:12:41Z		2.4182389631	4.8364779262	0.4239404008			
3	b9448085-8f7c	2(u(#		1	hi Y 2022-04-22T10:14:56Z							
4	10329c51-d23c	2(a(#	5I Vulpes vulpe	1	hi Y 2022-04-22T10:20:29Z		1.4955026831	2.9910053663	0.3740463657			
5												
6												
7												

observations +

Get External Data | Refresh All | Connections | Properties | Edit Links | Sort | Filter | Clear | Advanced | Text to Columns | What-If Analysis | Group | Ungroup | Subtotal

Office Update To keep up-to-date with security updates, fixes, and improvements, choose Check for Updates. Check for Updates

Y2 fx

	C	D E F G H	I	J	K L M N O P Q R S T	U	V	W	X	Y	Z	AA
1	sequenceID	m ti ol ca ta	scientificNar	count	cc lif se be in cl cl cl cl cc	_id	speed	distance	angle			
2	5d2915b6-14a	2(a(#	5I Vulpes vulpe	1	hi Y 2022-04-22T10:12:41Z		2.4182389631	4.8364779262	0.4239404008			
3	b9448085-8f7c	2(u(#		1	hi Y 2022-04-22T10:14:56Z							
4	10329c51-d23c	2(a(#	5I Vulpes vulpe	1	hi Y 2022-04-22T10:20:29Z		1.4955026831	2.9910053663	0.3740463657			
5												
6												
7												

observations +

Ready 100%

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ENETWILD

eOW european observatory of wildlife

Contact : jim.casaer@inbo.be

SILVAVIR ECOLOGISCH ADVIES FAUNAWERK & GIS

UHASSELT KNOWLEDGE IN ACTION

PARTRIDGE Protecting the Area's Resources Through Researched and Innovative Demonstration of Good Examples

ZOOGDIER VERENIGING

UHASSELT I-BioStat KU LEUVEN Interuniversity Institute for Biostatistics and statistical Bioinformatics

Life

MICA Management of Invasive Coypu and muskrAt in Europe

Vlaanderen is omgeving

Wallonie service public SPW

stichting het nationale park de hoge veluwe

LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY LIST

efsa European Food Safety Authority

MAMMALNET WATCH WILDLIFE FOR SCIENCE

Vlaanderen is wetenschap INSTITUUT NATUUR- EN BOSONDERZOEK

WAGENINGEN UR

ZSL INSTITUTE OF ZOOLOGY

LifeWatch BELGIUM

fwo