



| Heeft natuurlijk licht een invloed op activiteit

| Heeft indirecte lichtvervuiling een invloed op activiteit

. Resultaten

. Toekomstperspectieven





Europese Nachtzwaluw



- Schemeractief
- Insectivoor







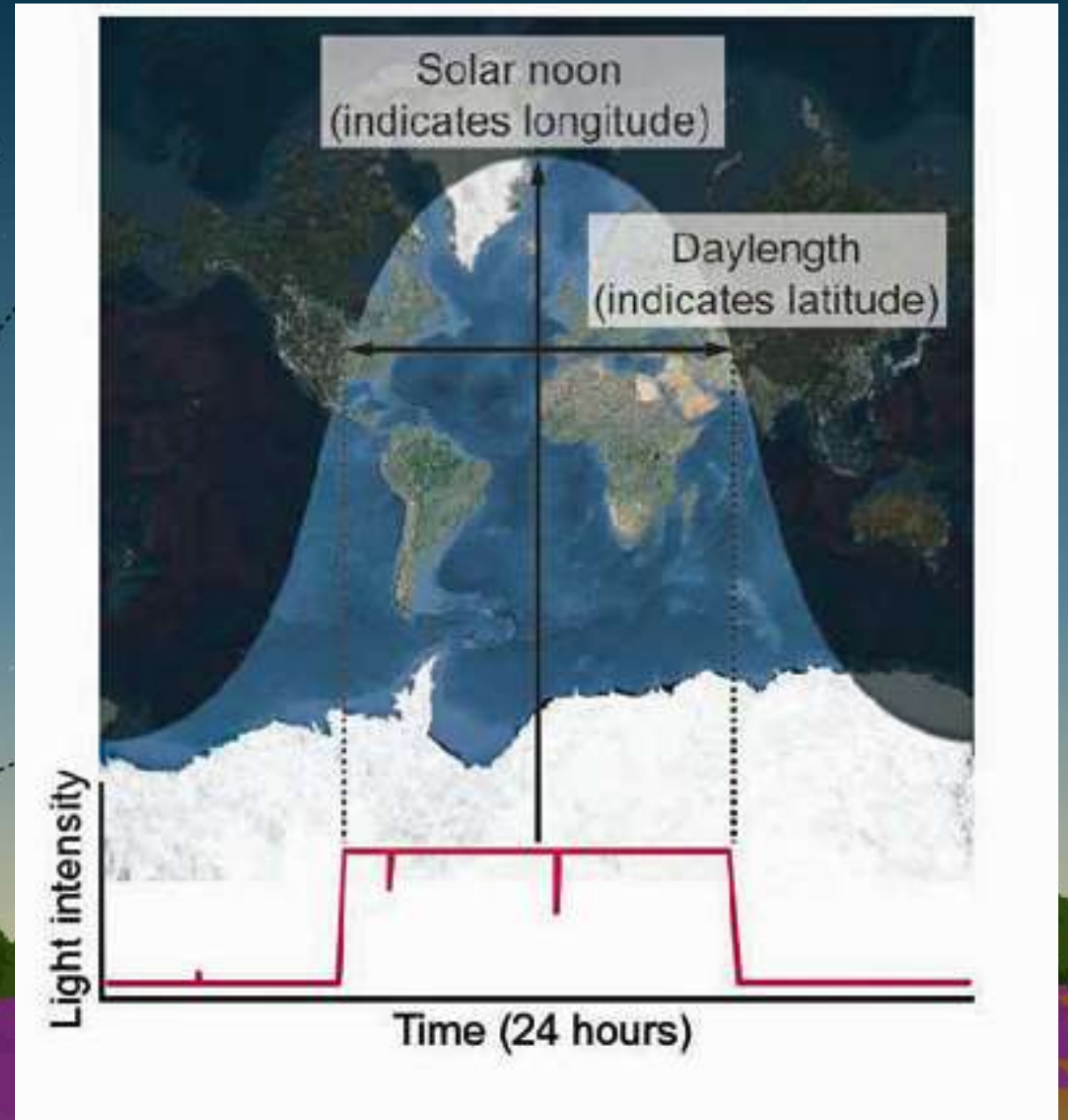
Multi-sensor logger

| zonlicht (geolocation)

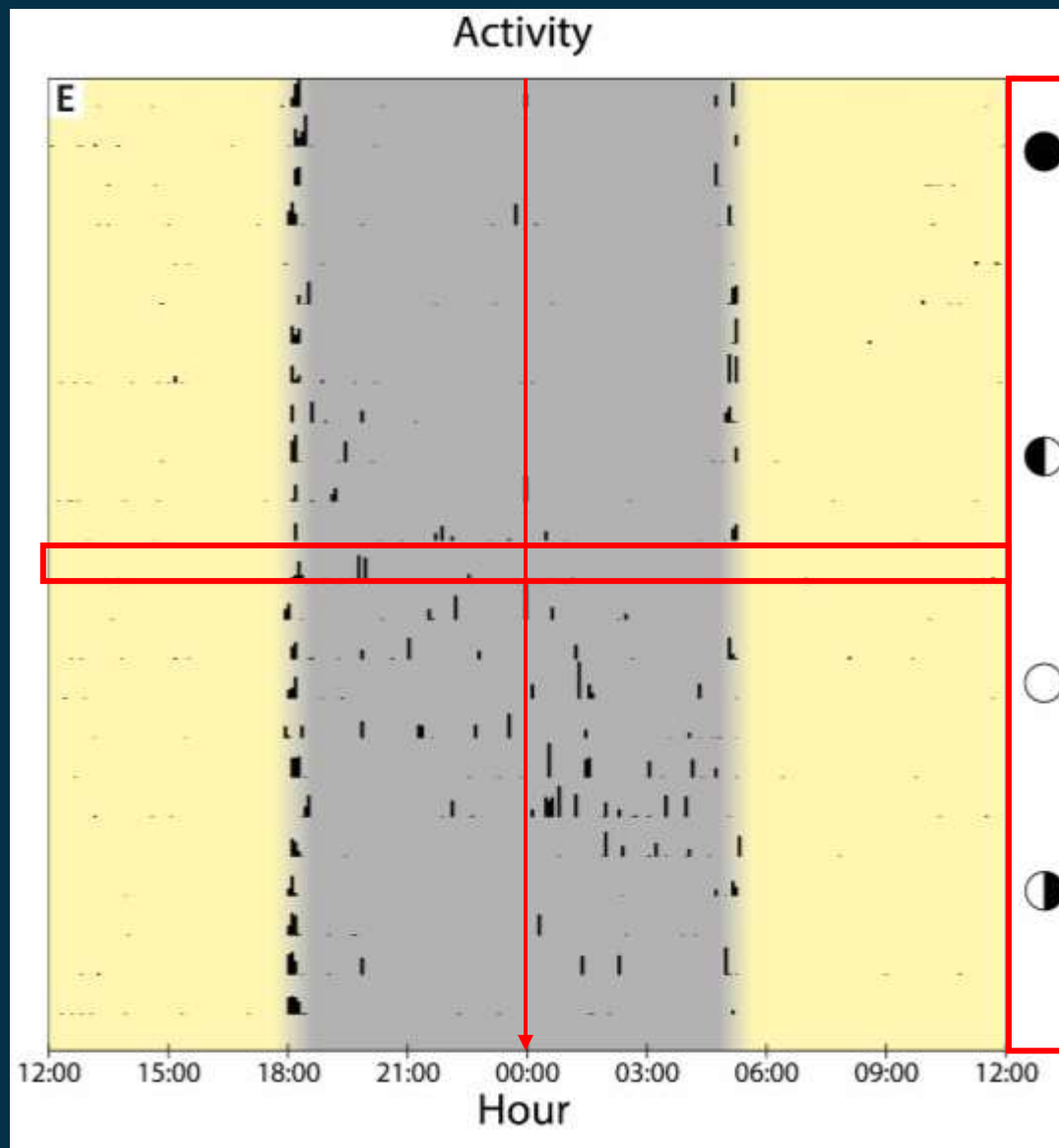
| vlieg activiteit



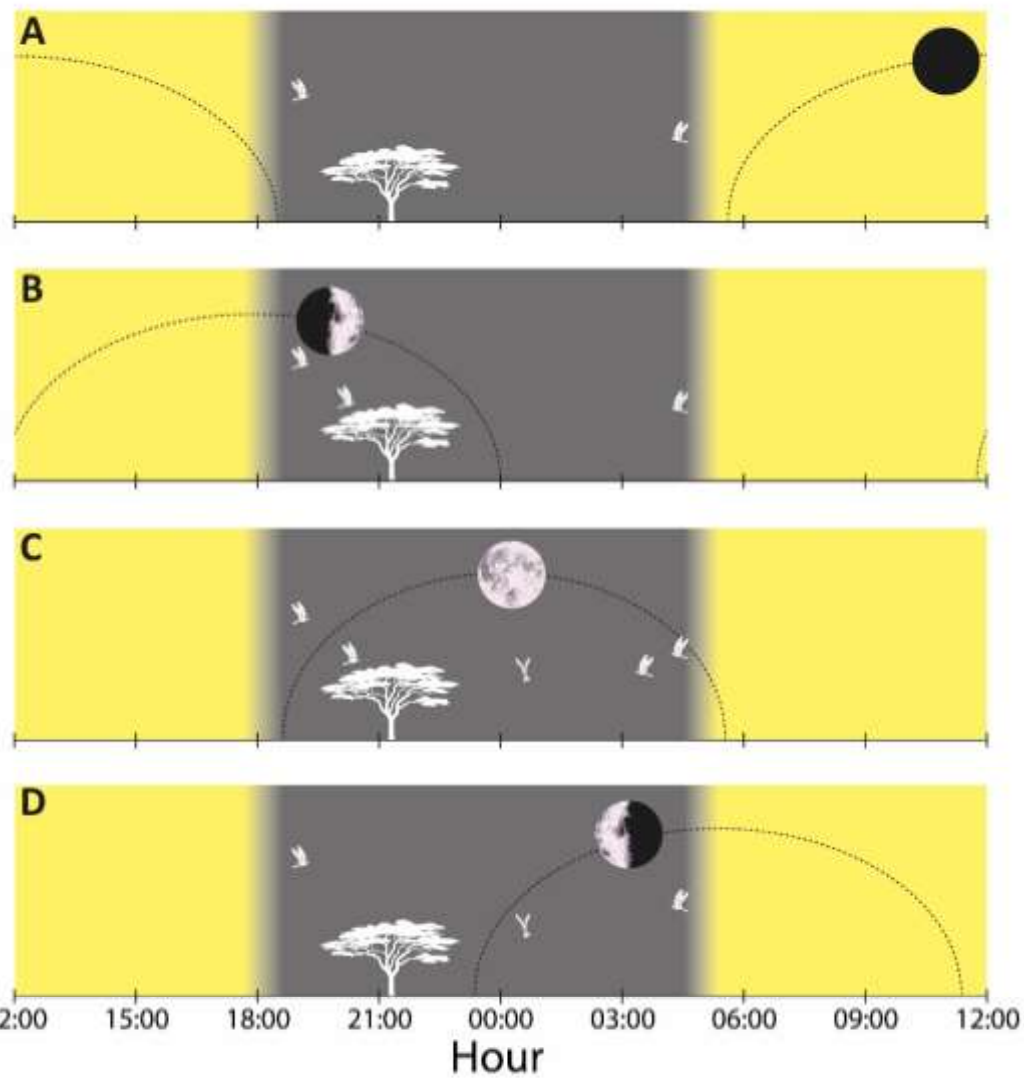
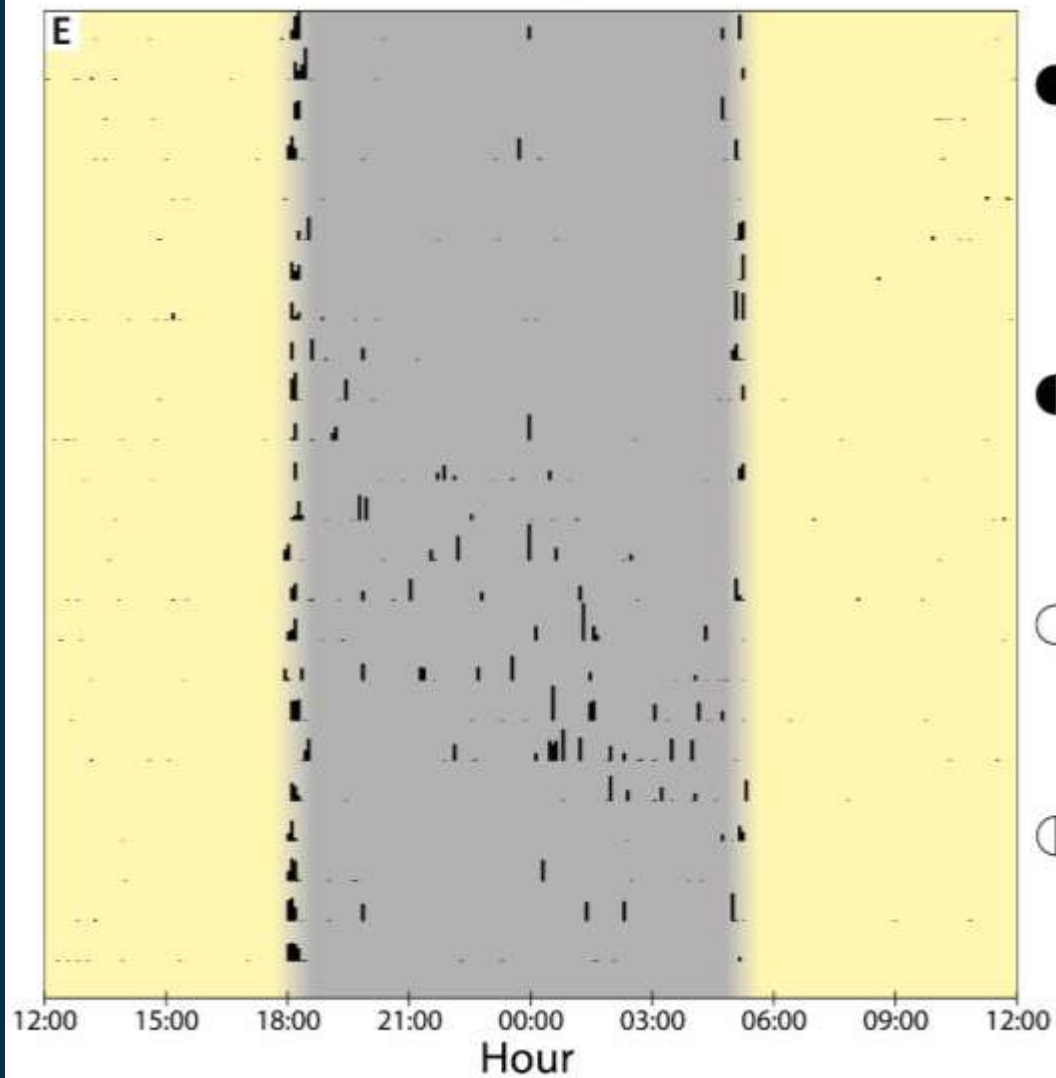
Heeft natuurlijk licht een invloed op activiteit?



Vlieg activiteit | maanlicht

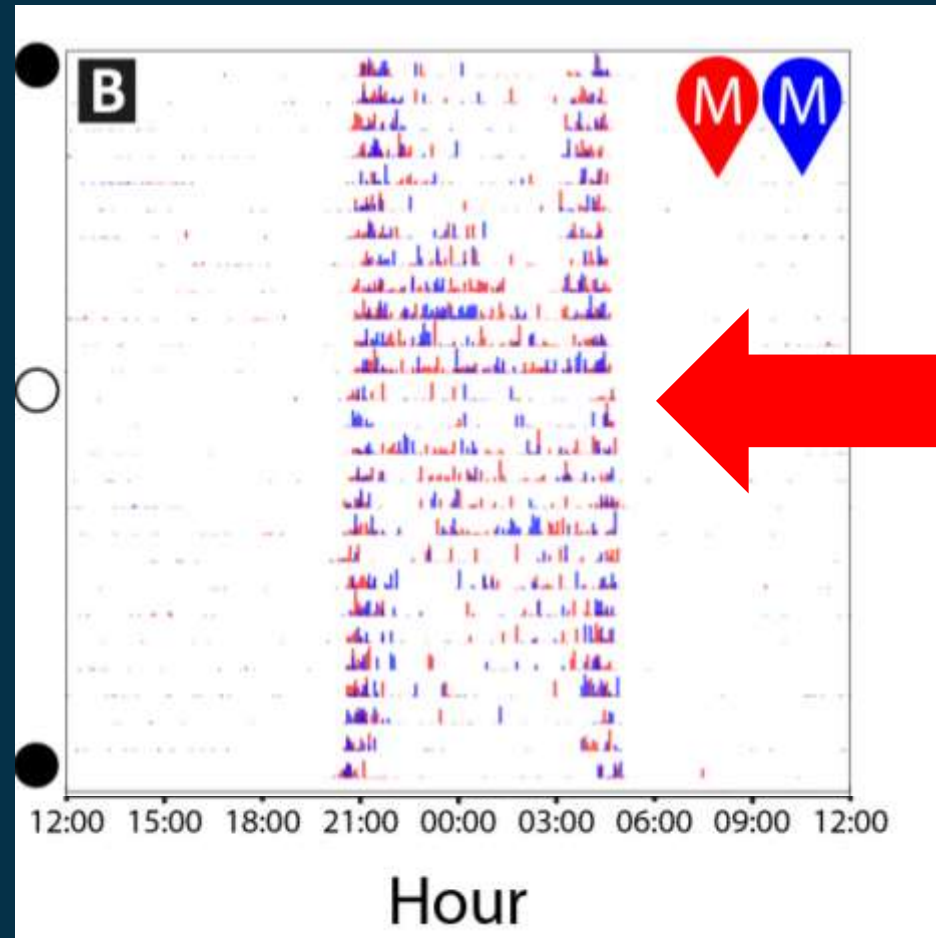


Activity



Flight activity

| Moonlight





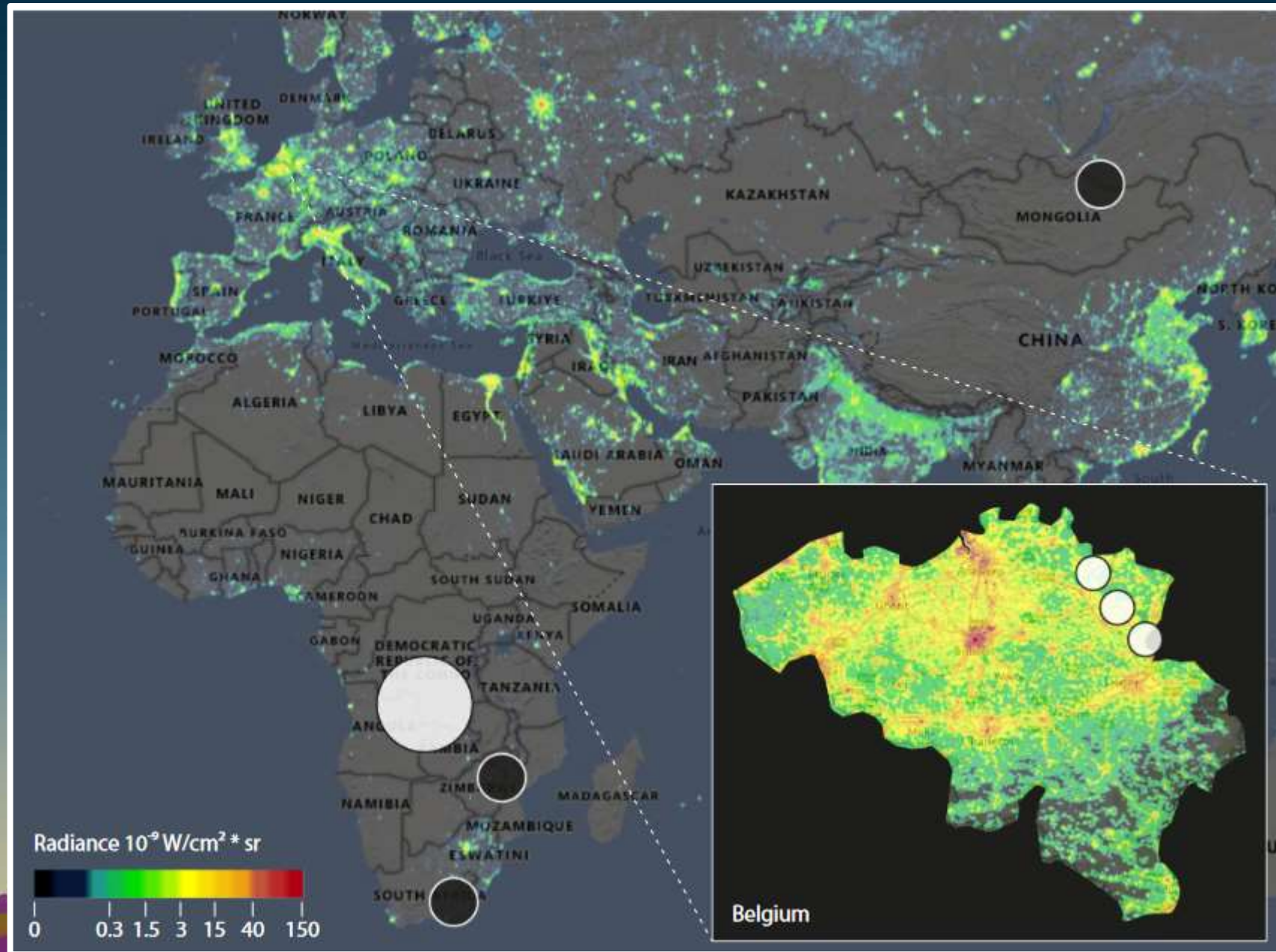
Does skyglow affect individual activity?



Vlieg activiteit

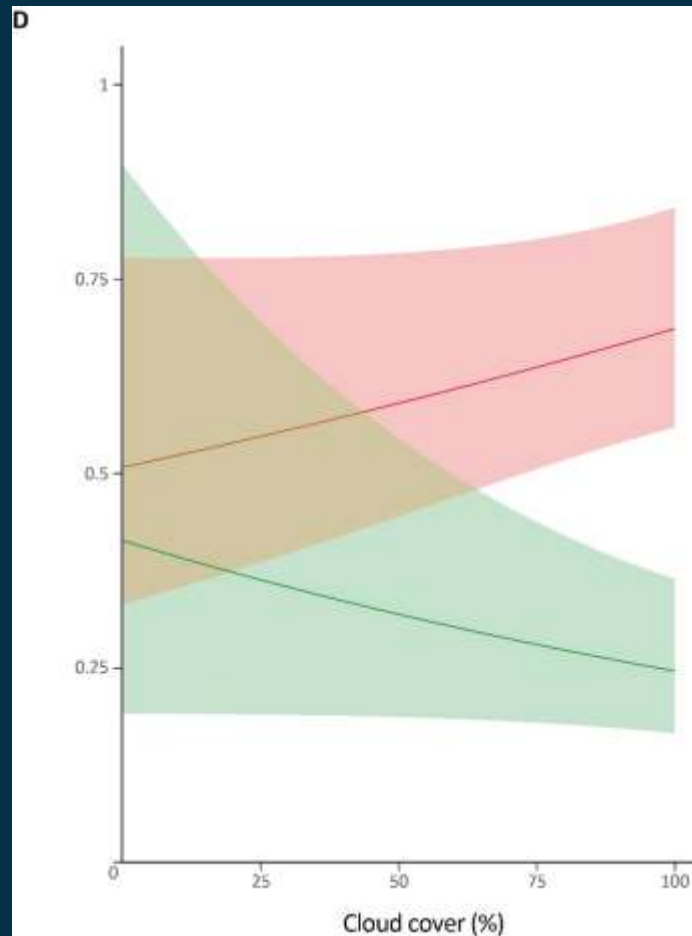
| Belgium (12)

| Mongolia (3)



Vlieg activiteit

| Bewolking





Skyglow voorkomt visuele belemmeringen

| individuele activiteit

Vervolgstudies

| individuele gedragingen

Data

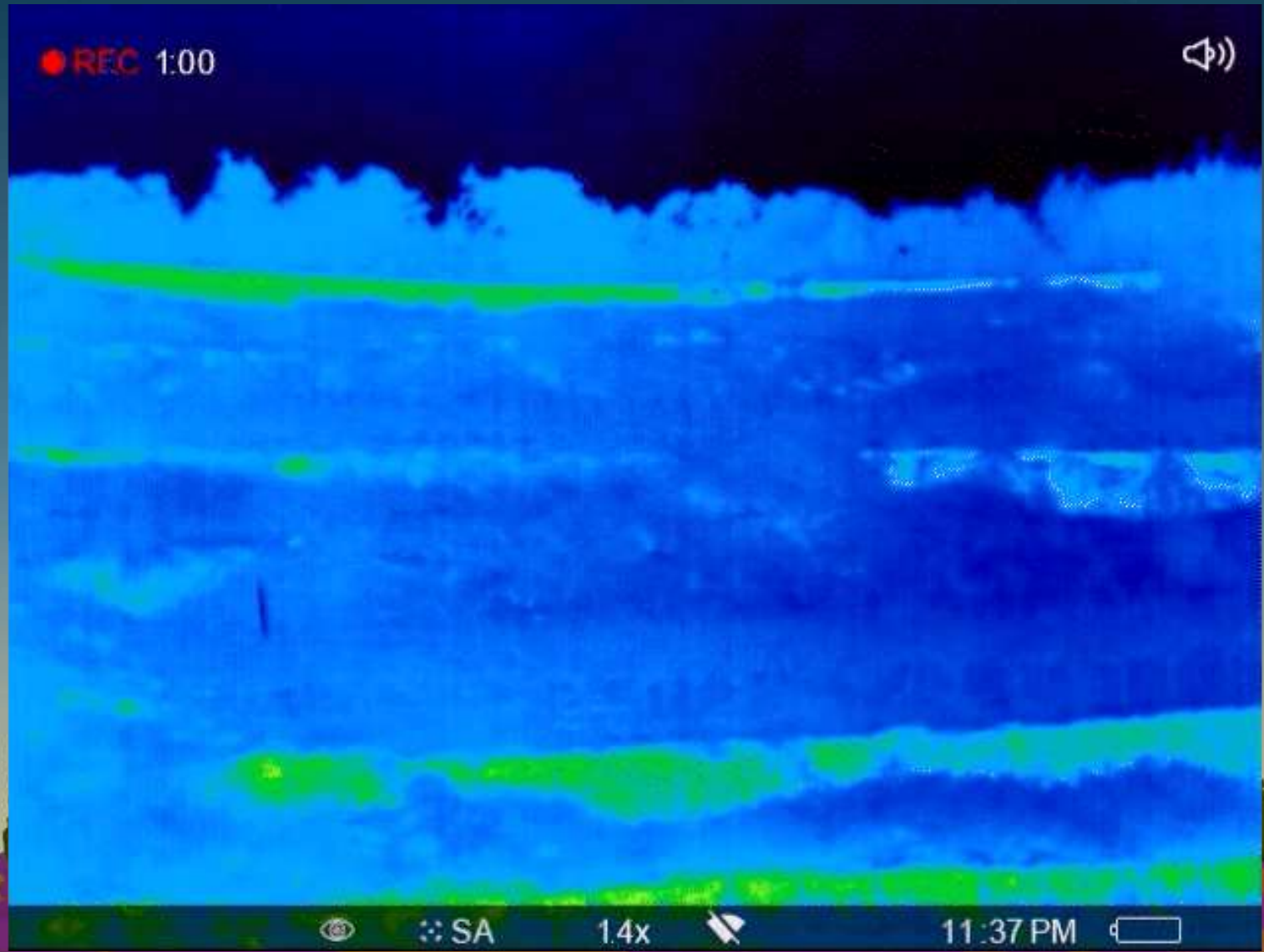
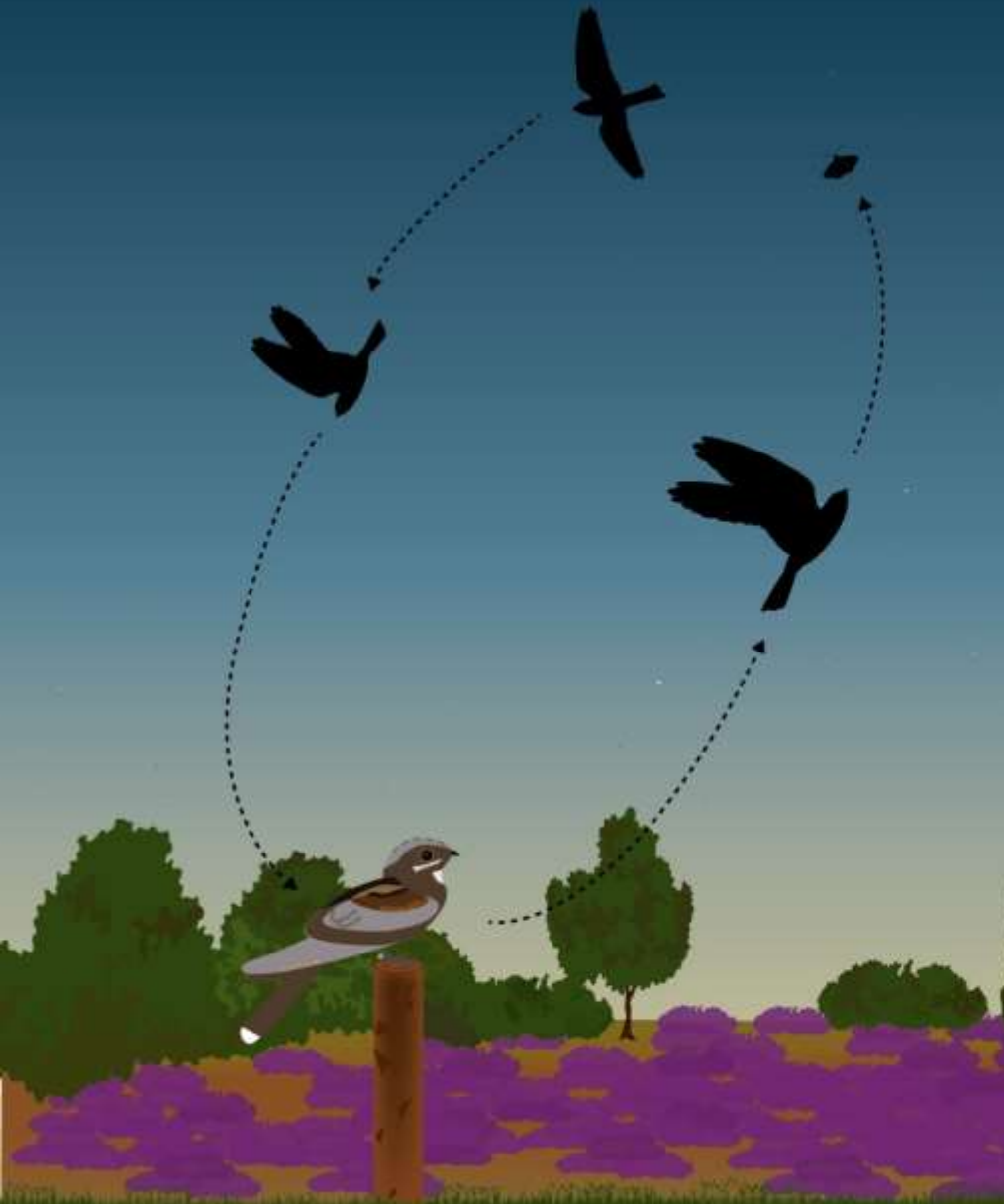
| Omgevingsdata

| ruimtegebruik + gedrag

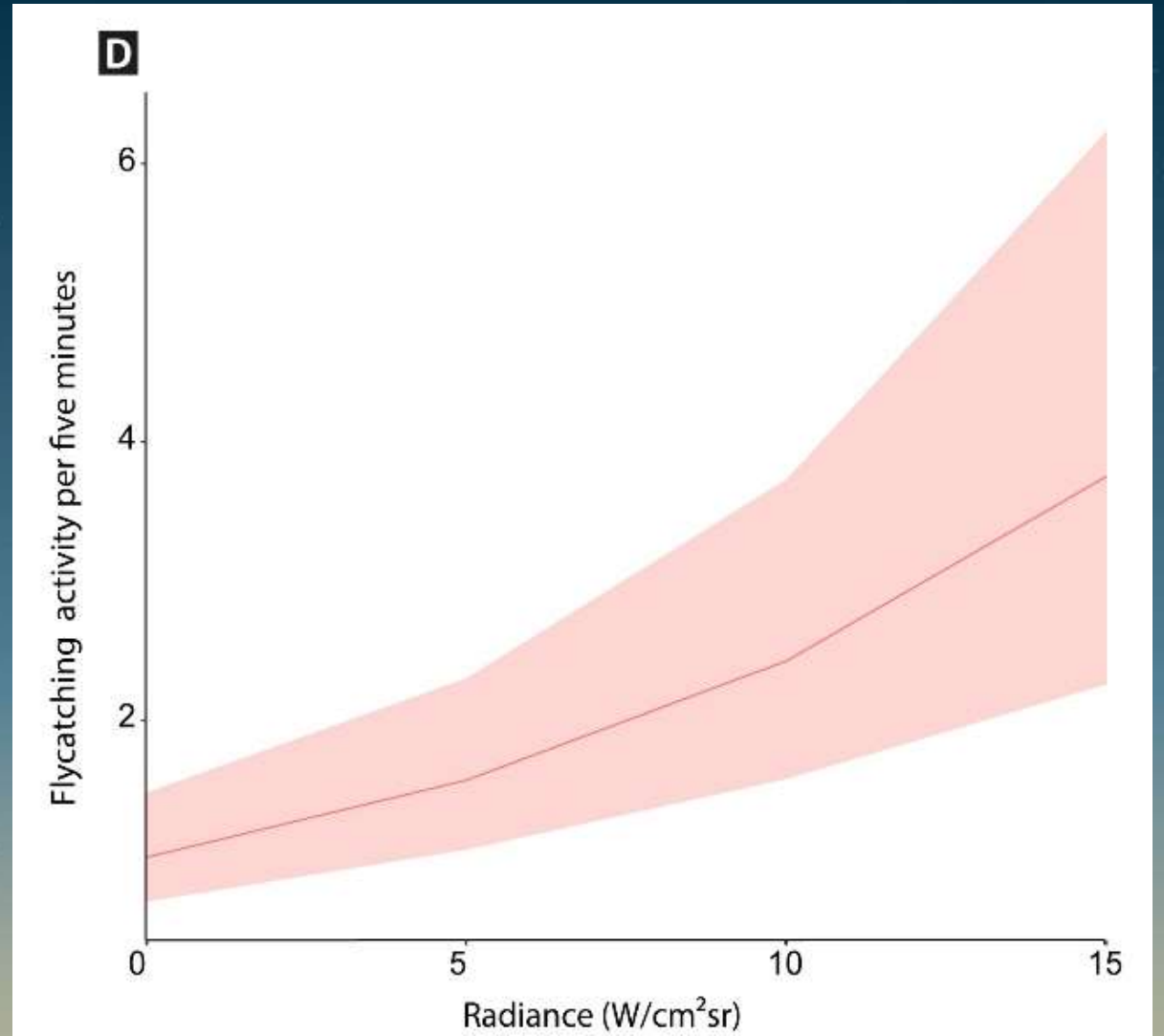
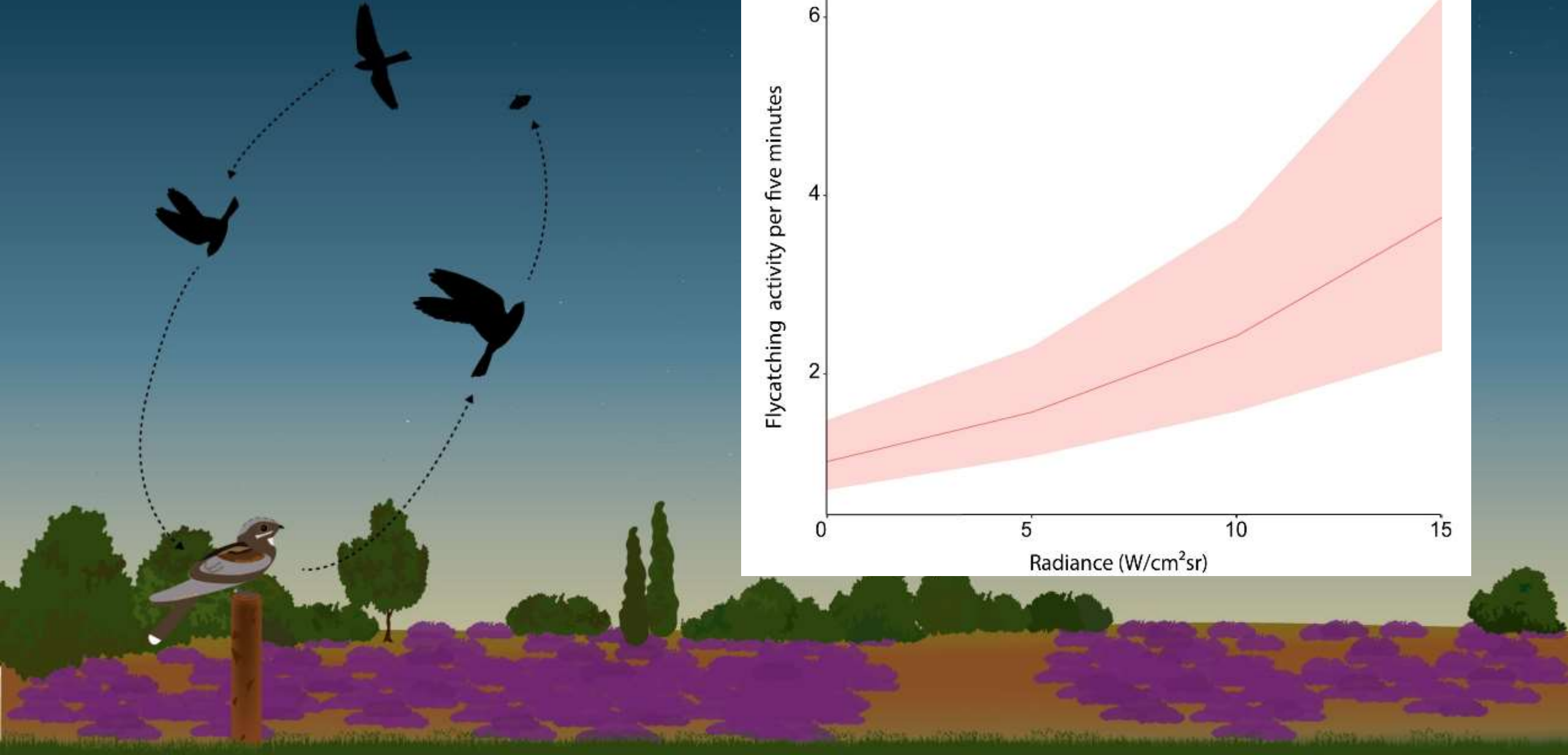


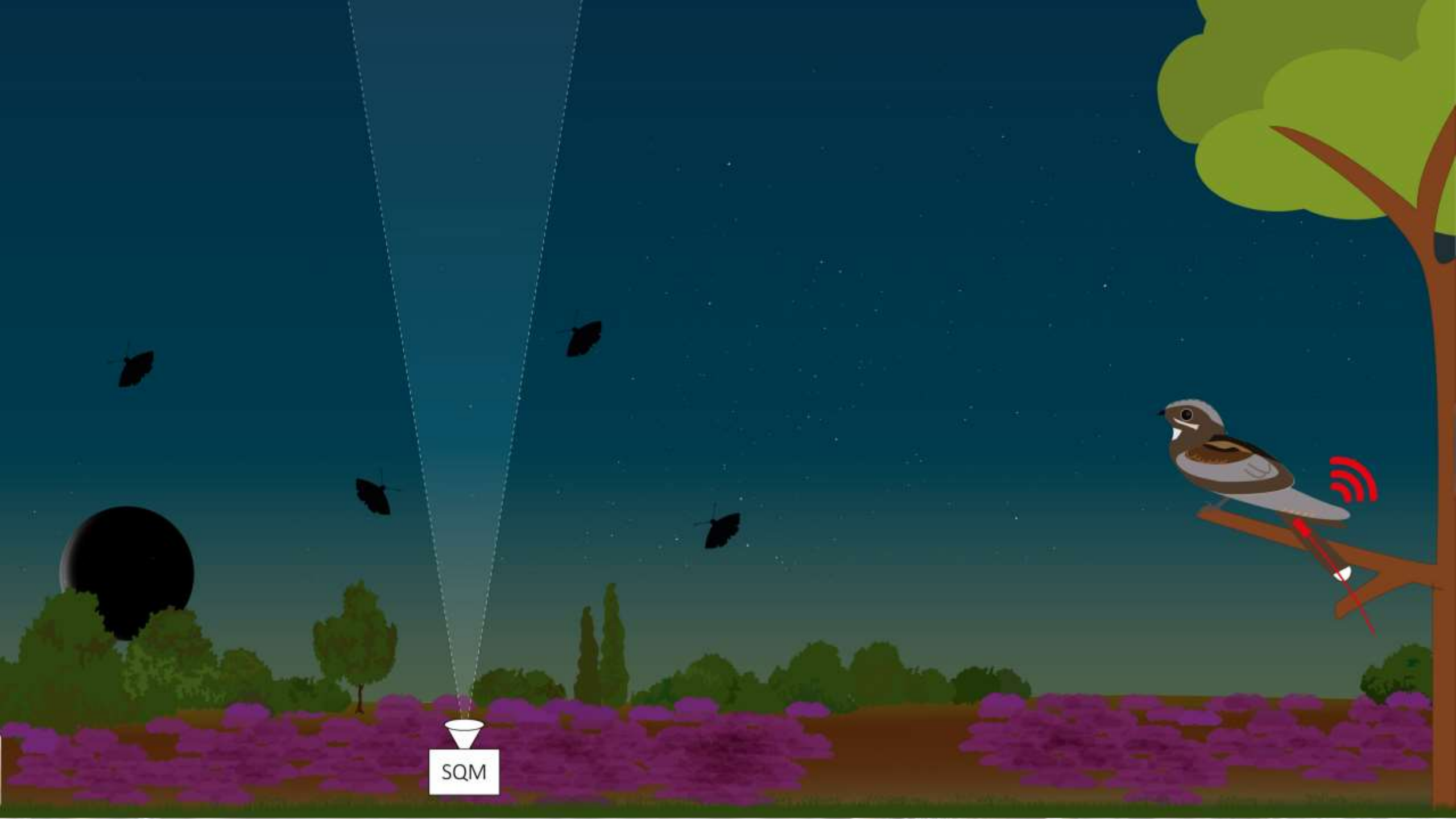
| GPS-accelerometers

| spatio-temporal trade-offs: four behaviours

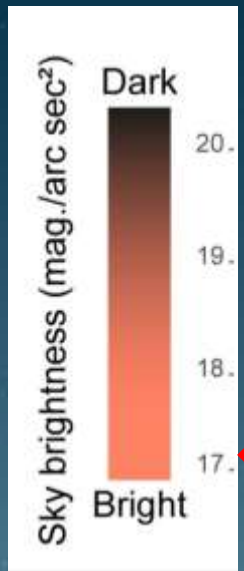
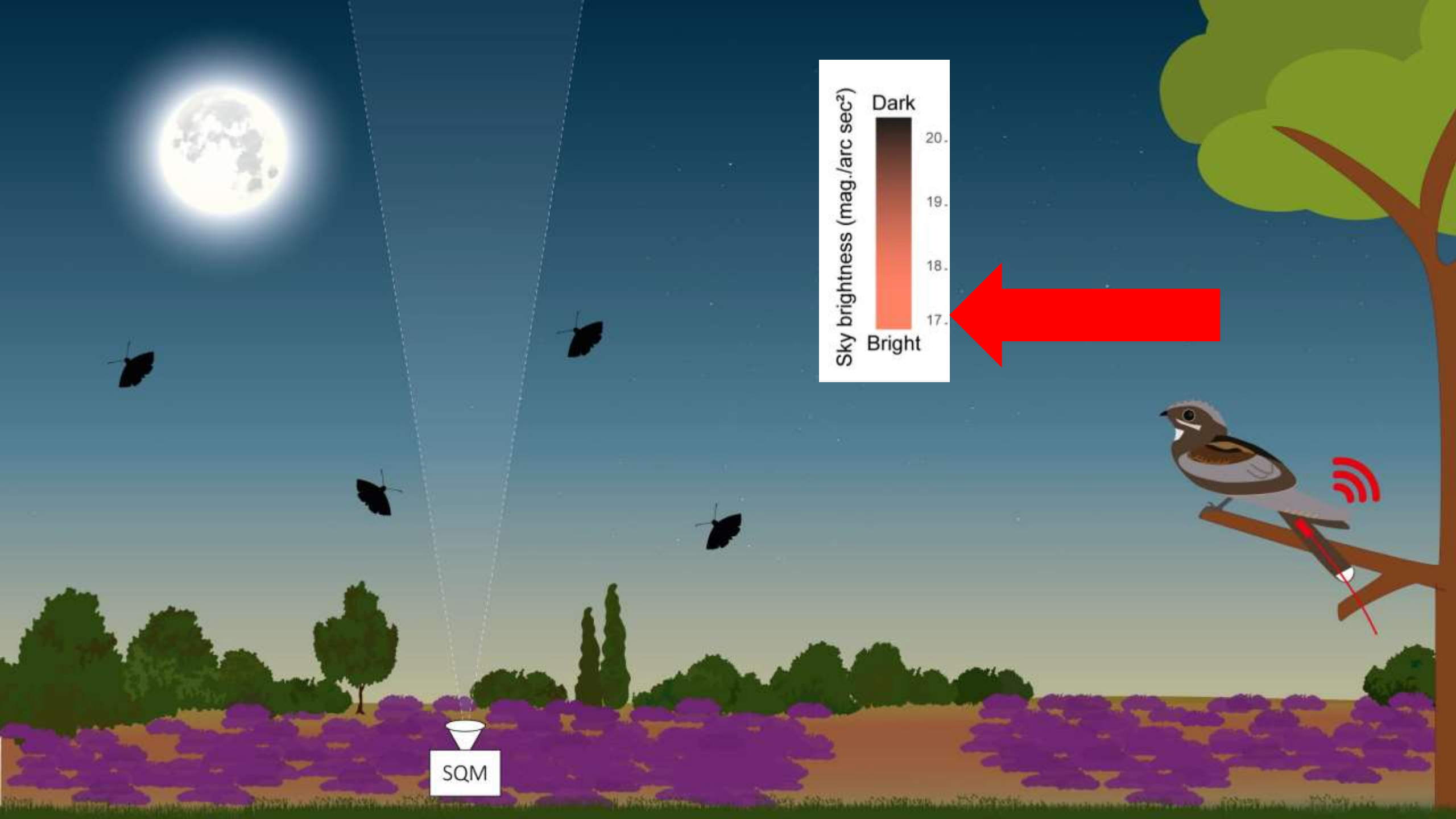


| GPS-accelerometers
| four behaviours

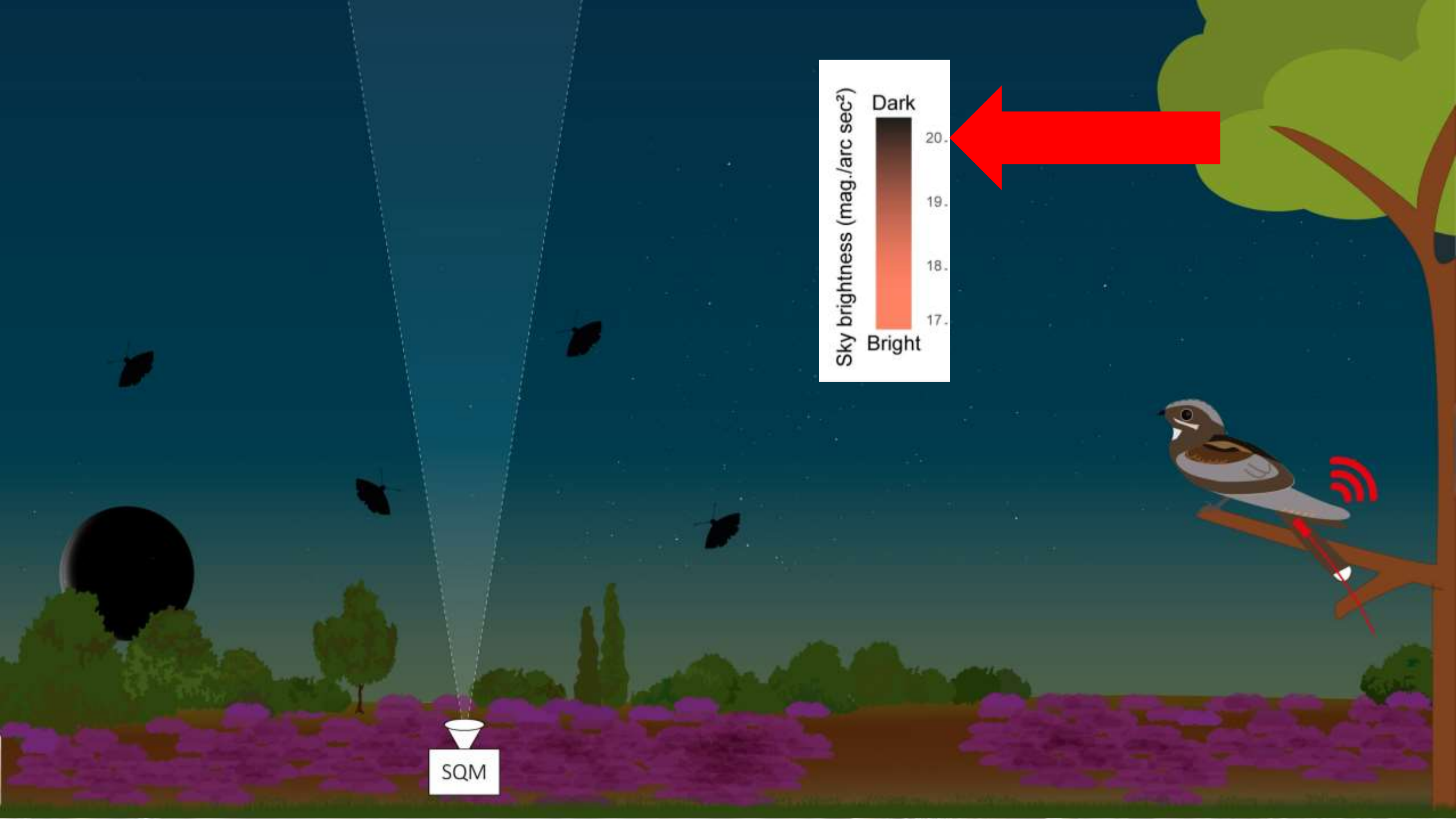




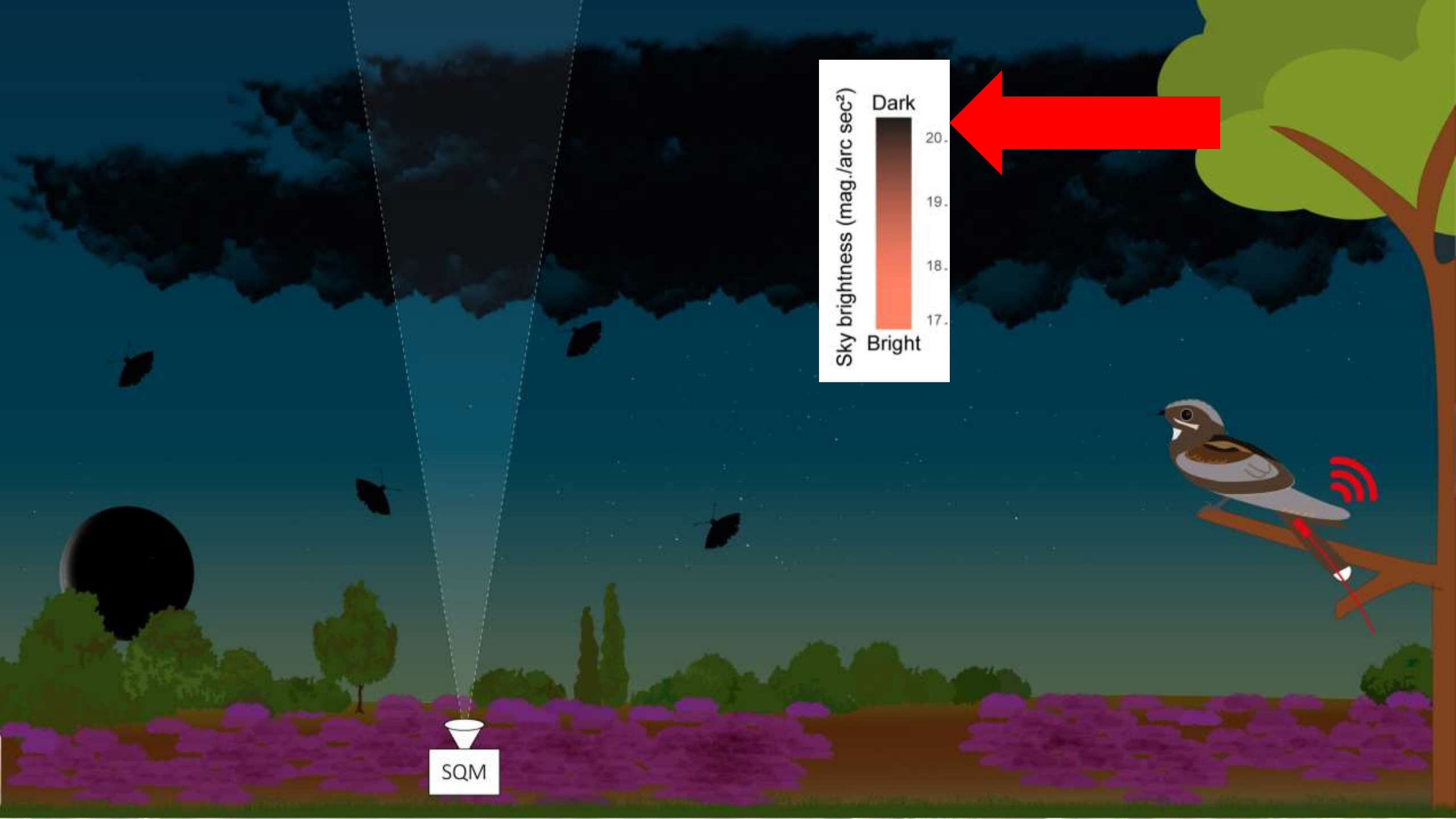
SQM



SQM

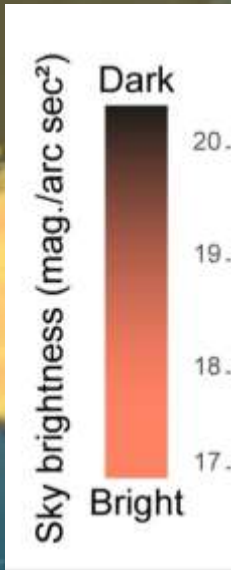
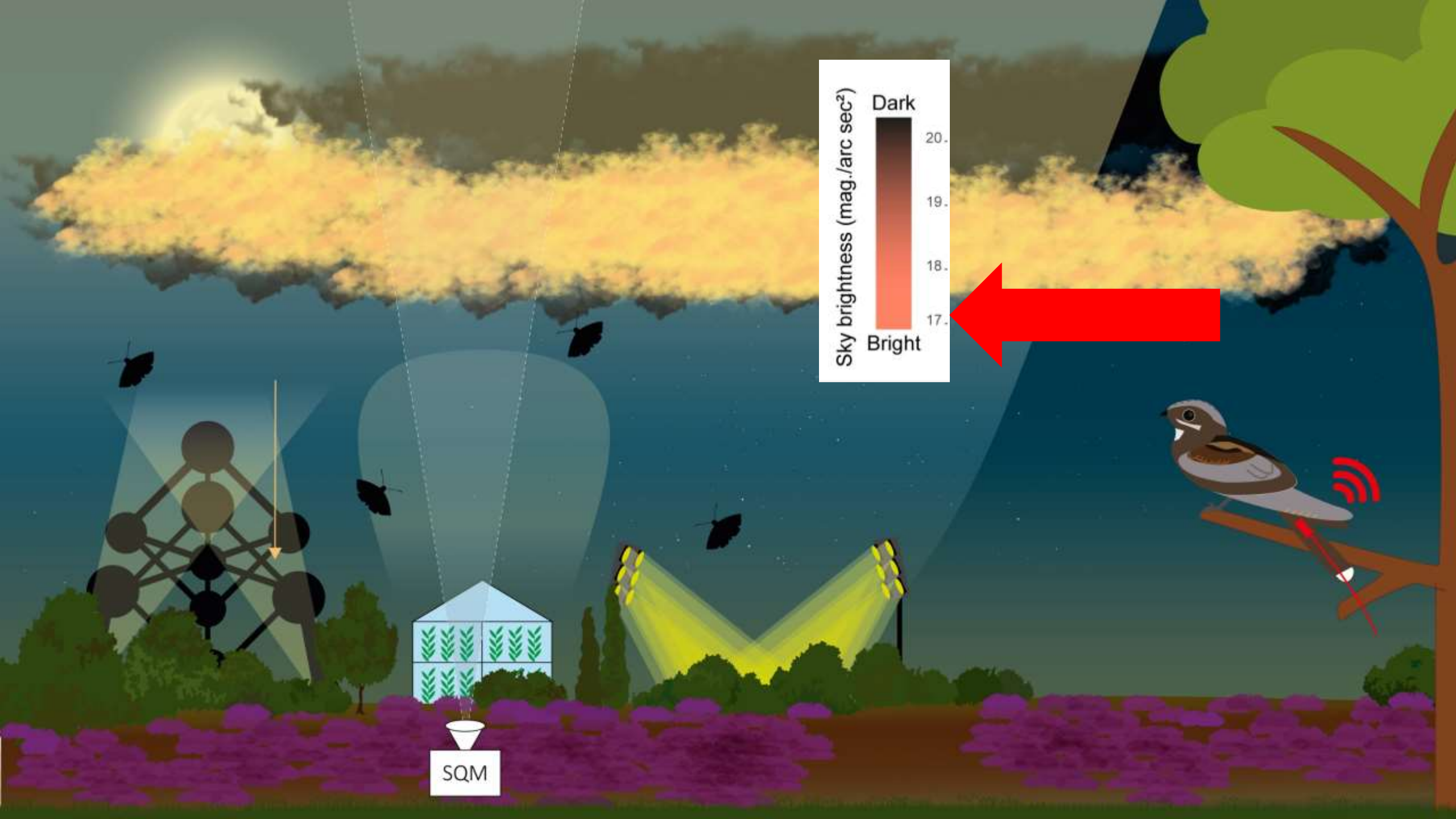


SQM



SQM

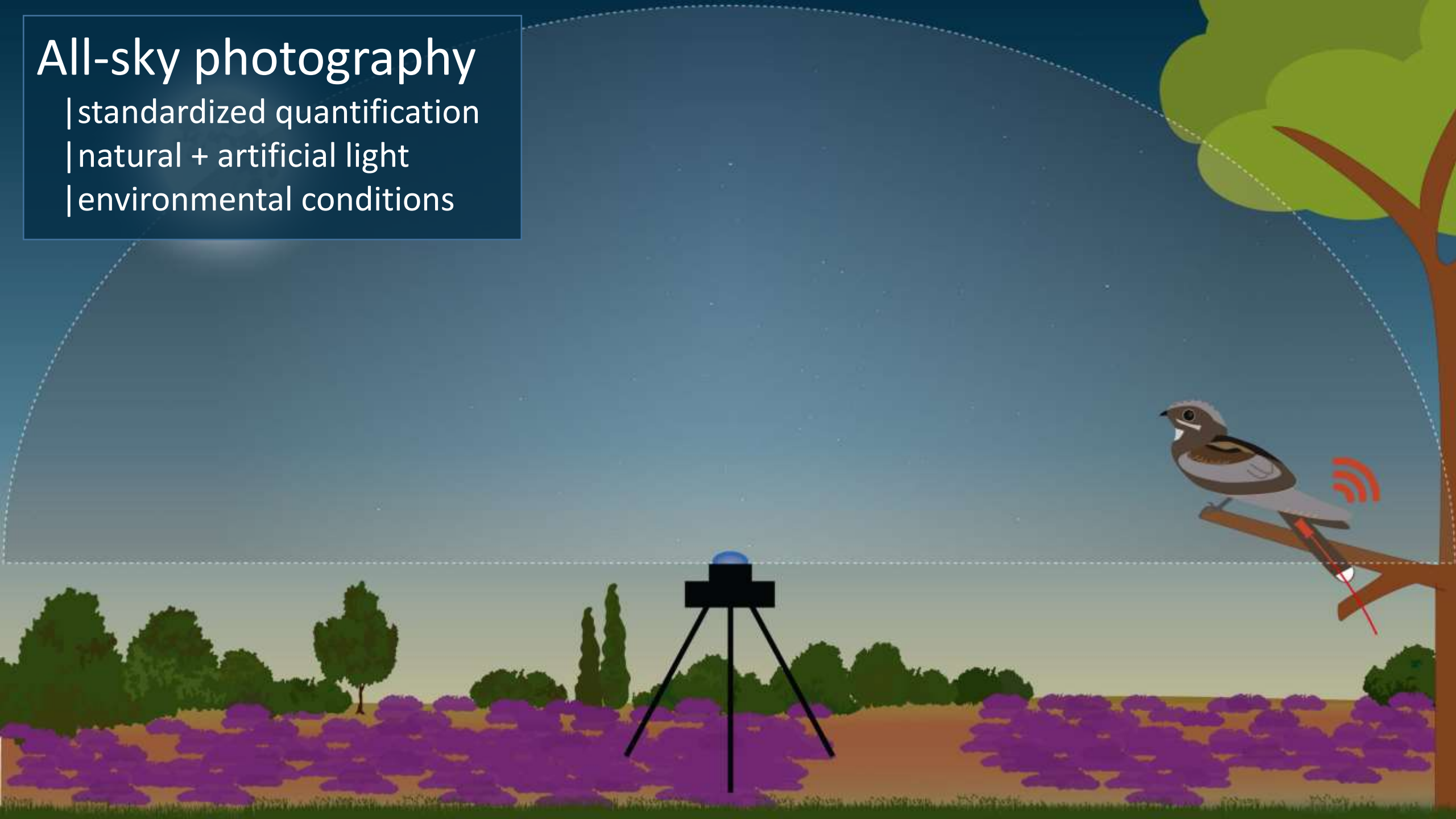




SQM

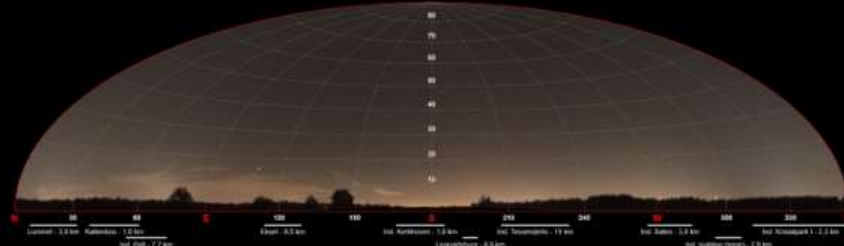
All-sky photography

- | standardized quantification
- | natural + artificial light
- | environmental conditions

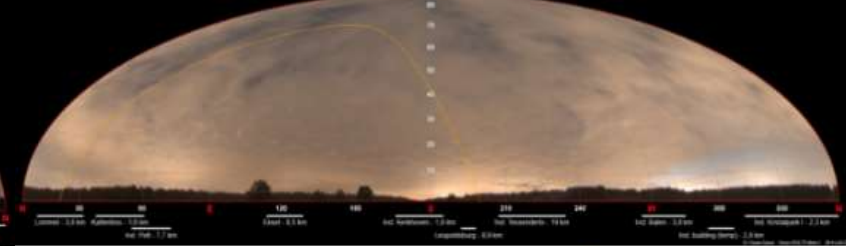




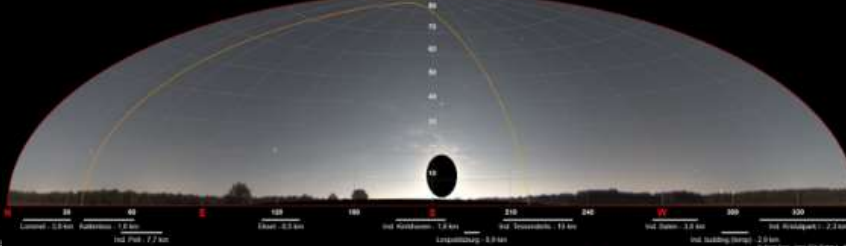
Bosland: Kattenbosserheide 22.8.2022 22:40:52 CamT+03:40:52



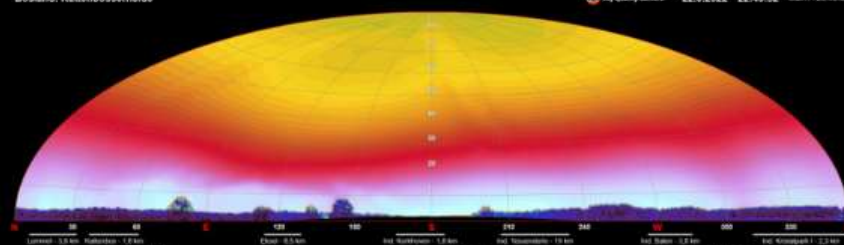
Bosland: Kattenbosserheide 14.8.2022 20:07:21 CamT+01:07:21



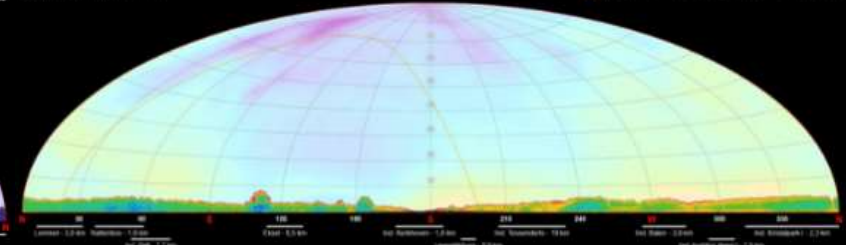
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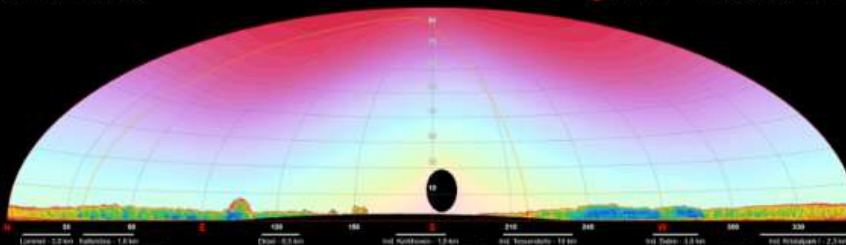
Bosland: Kattenbosserheide 22.8.2022 22:40:52 CamT+03:40:52



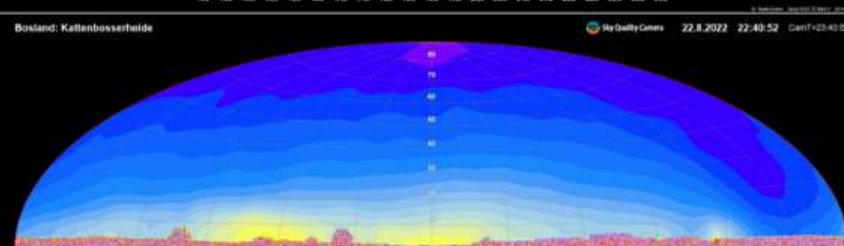
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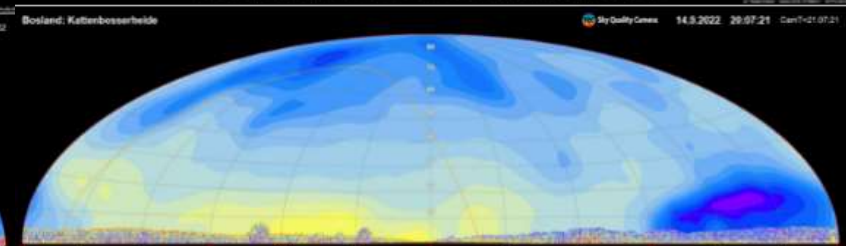
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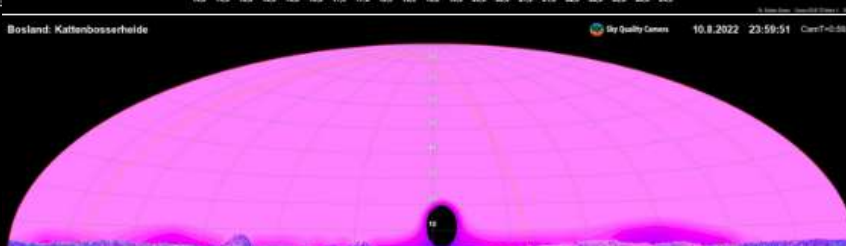
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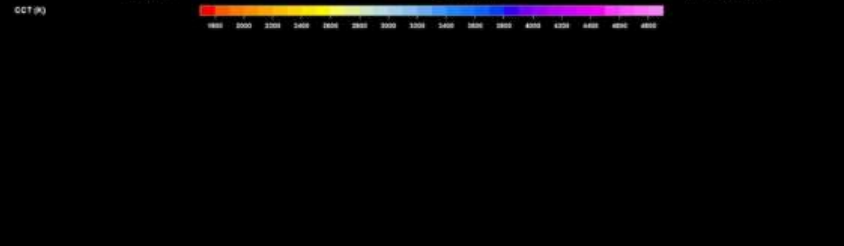
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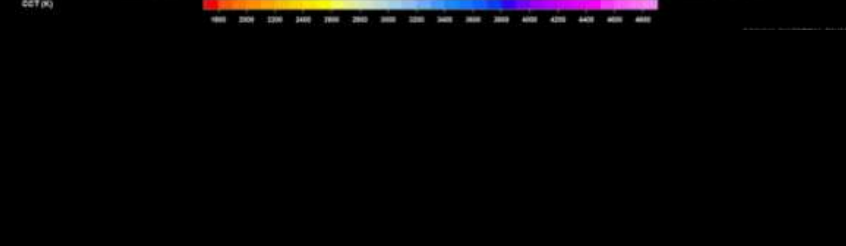
Bosland: Kattenbosserheide 10.8.2022 23:59:51 CamT+00:59:51



Bosland: Kattenbosserheide 22.8.2022 22:40:52 CamT+03:40:52



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Bosland: Kattenbosserheide 10.8.2022 23:59:51 CamT+00:59:51



Toekomstperspectieven

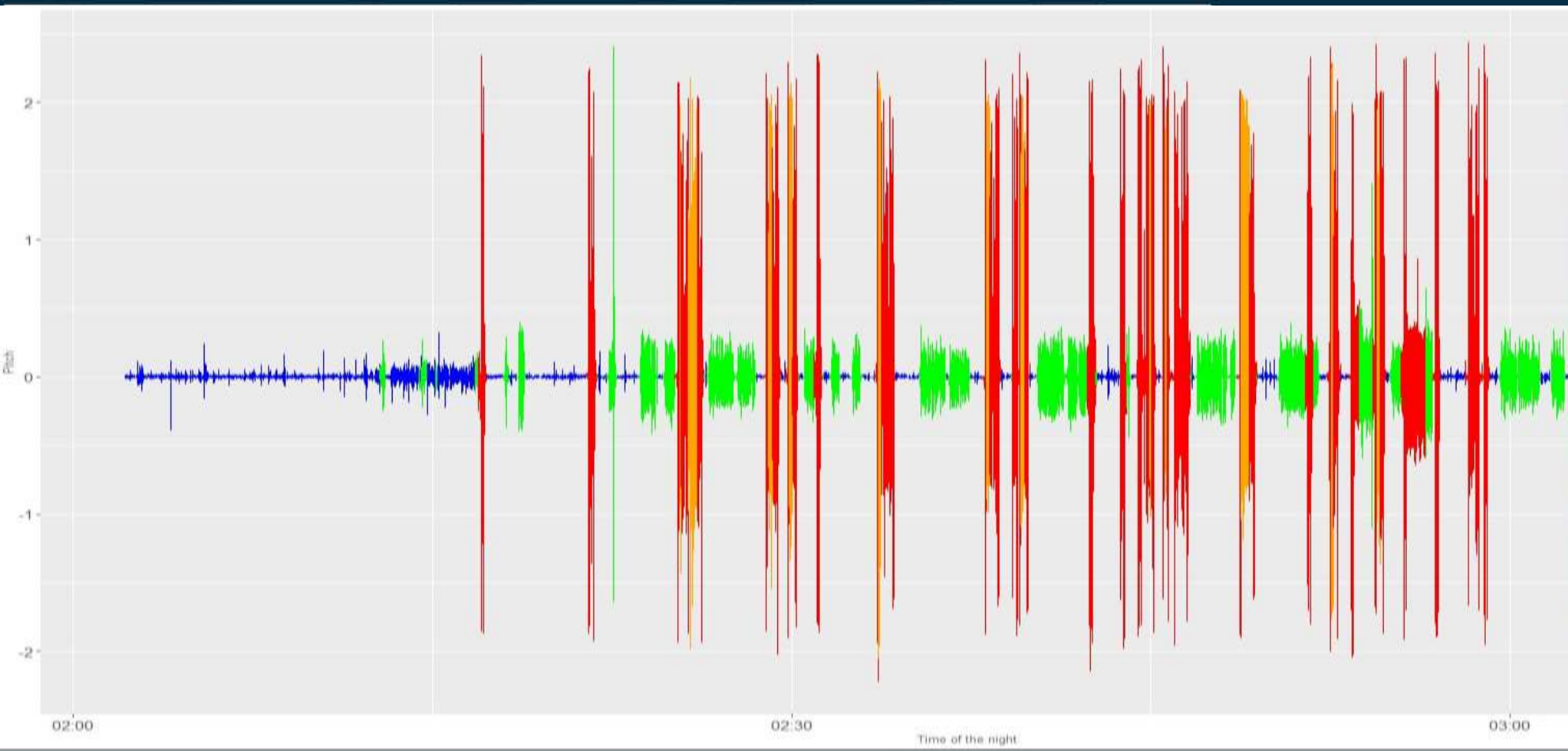
| Communicatie (PhD-student Richard)

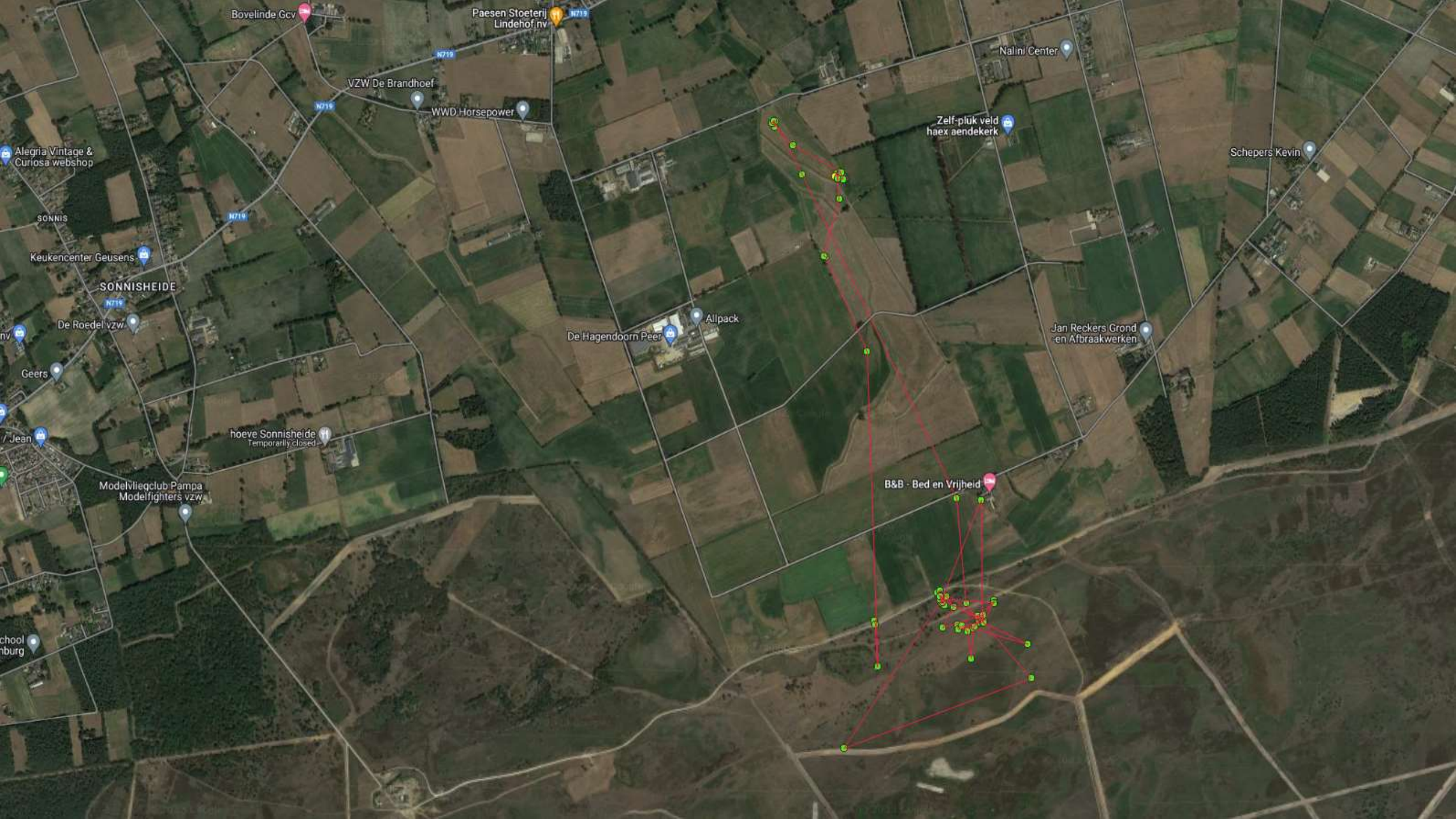
. Zangactiviteit (Brent)

| Skyglow vanuit individu-perspectief (Jitse)

| Habitat inprenting en dispersie van jongen







Bovelinde Gcv

Paesen Stoeterij
Lindehof nv

Nalin/ Center

VZW De Brandhoef

WWD Horsepower

Zelf-pluk veld
haex aendeckerk

Schepers Kevin

Alegria Vintage &
Curiosa webshop

SONNIS

Keukencenter Geusens

SONNISHEIDE

De Roedel vzw

Geers

Jean

hoeve Sonnisheide
Temporarily closed

Modelvliegclub Pampa
Modelfighters vzw

De Hagendoorn Peer

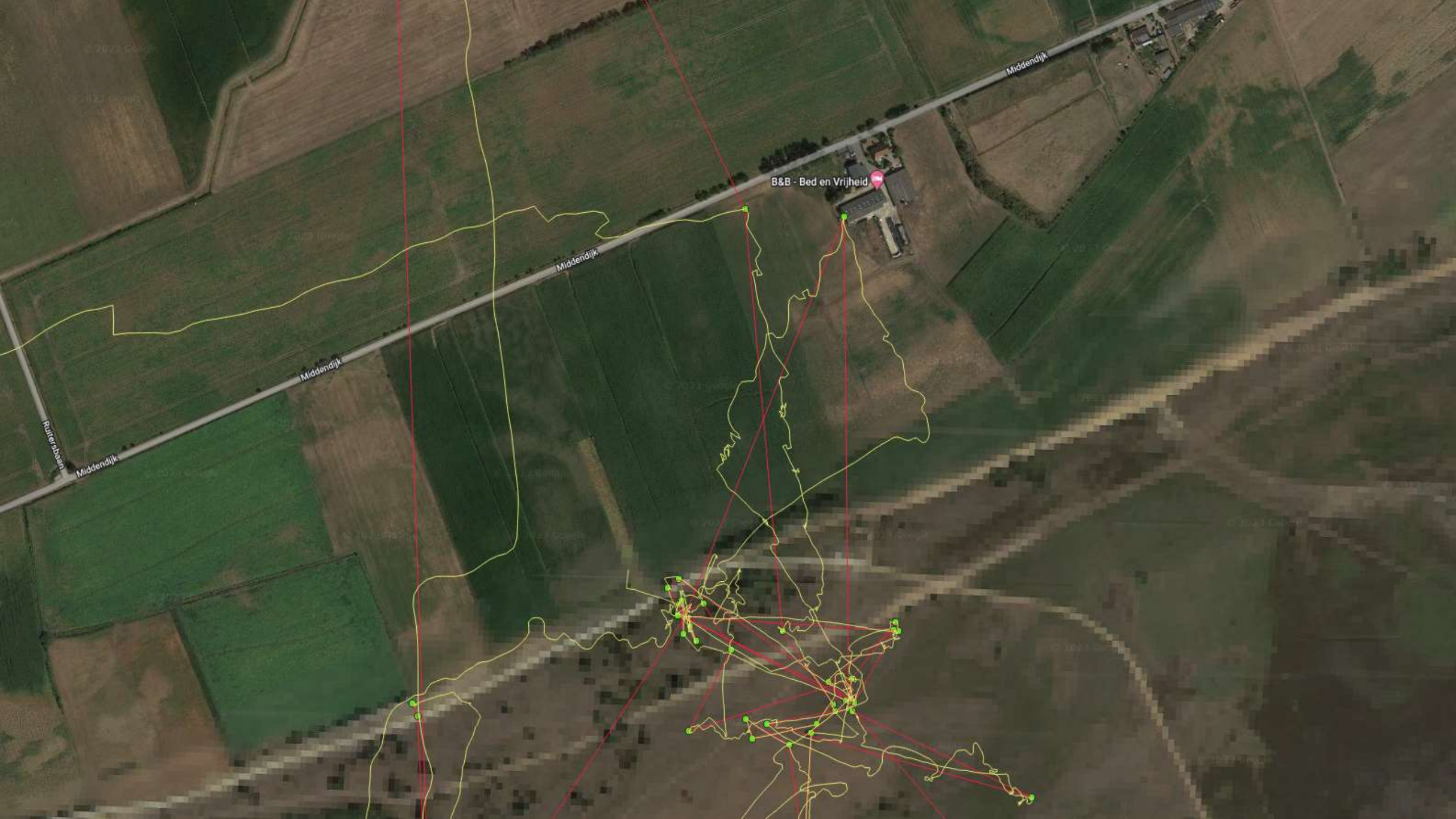
Allpack

Jan Reckers Grond
en Afbraakwerken

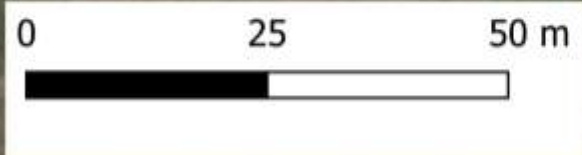
B&B - Bed en Vrijheid

school
nburg











3 Ruitersbaan

Peer, Flanders



Google Street View

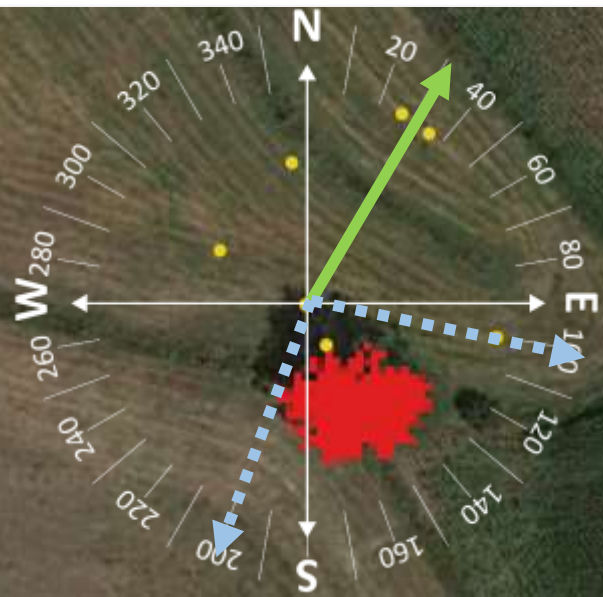
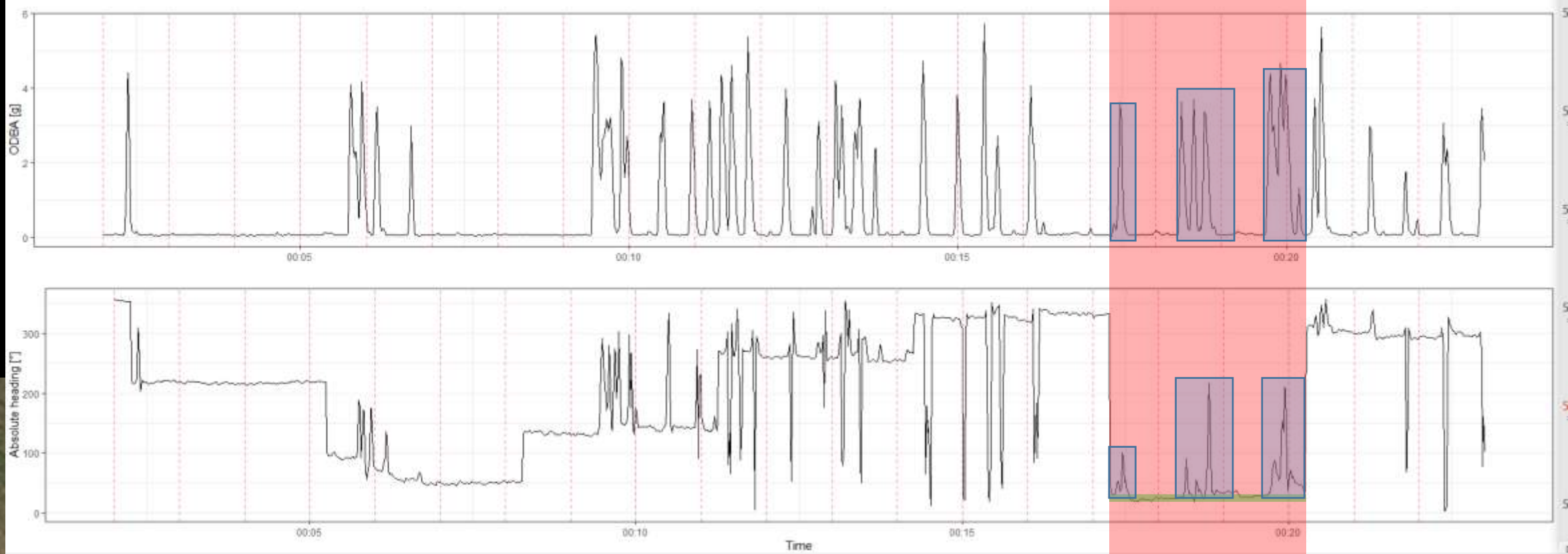
Sep 2023

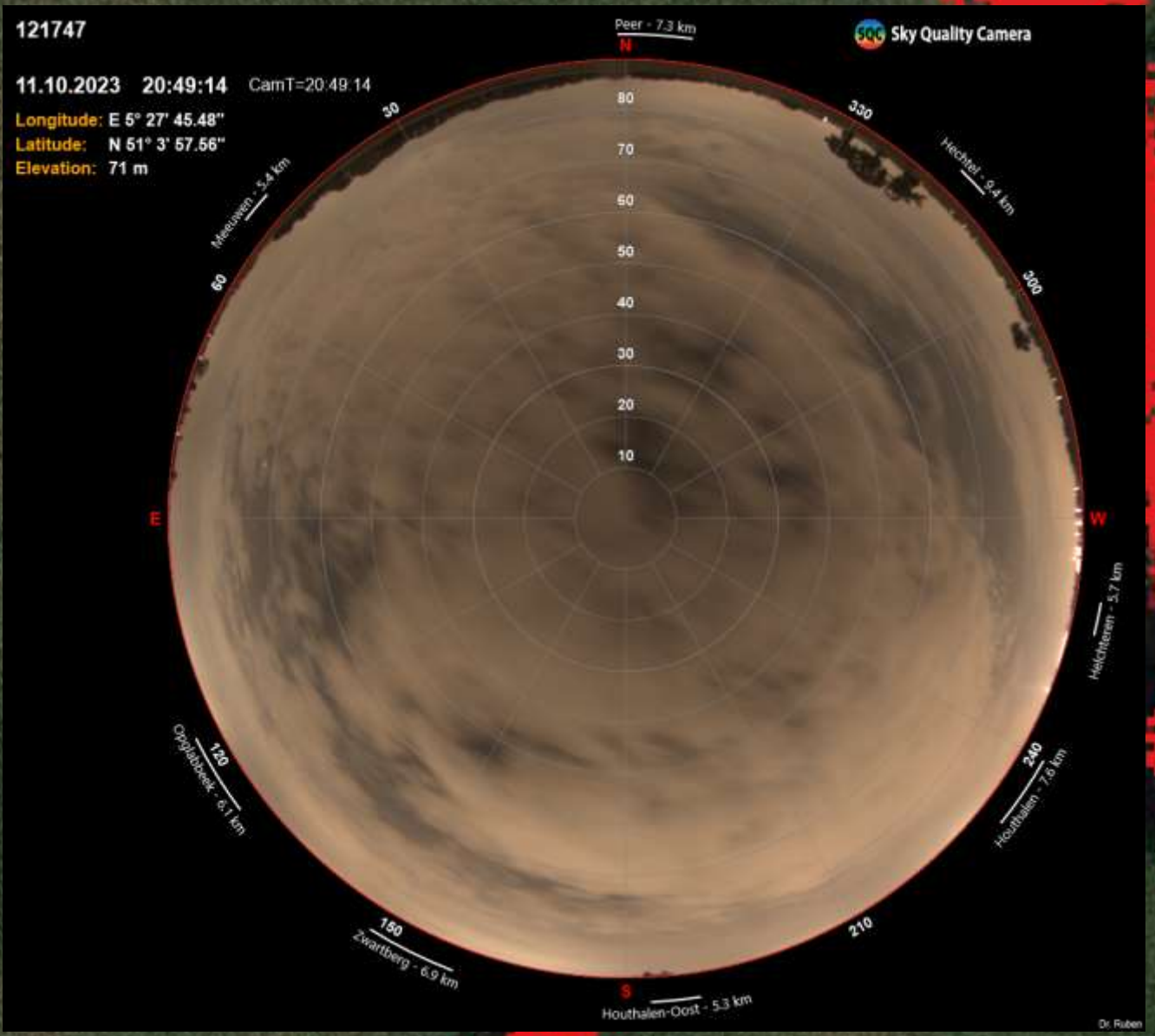
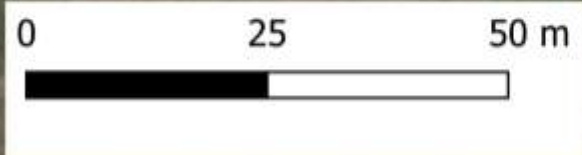
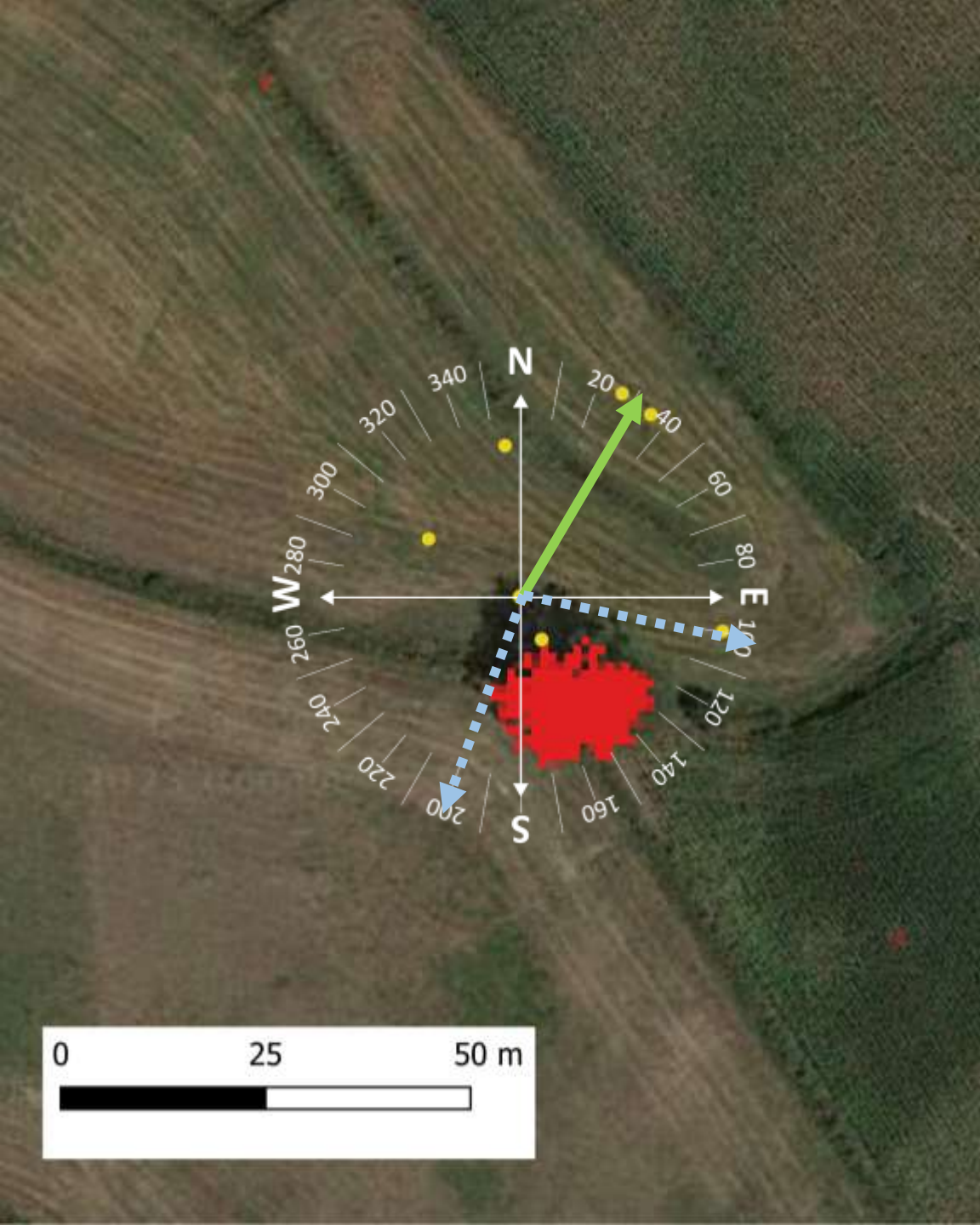
[See more dates](#)



Google



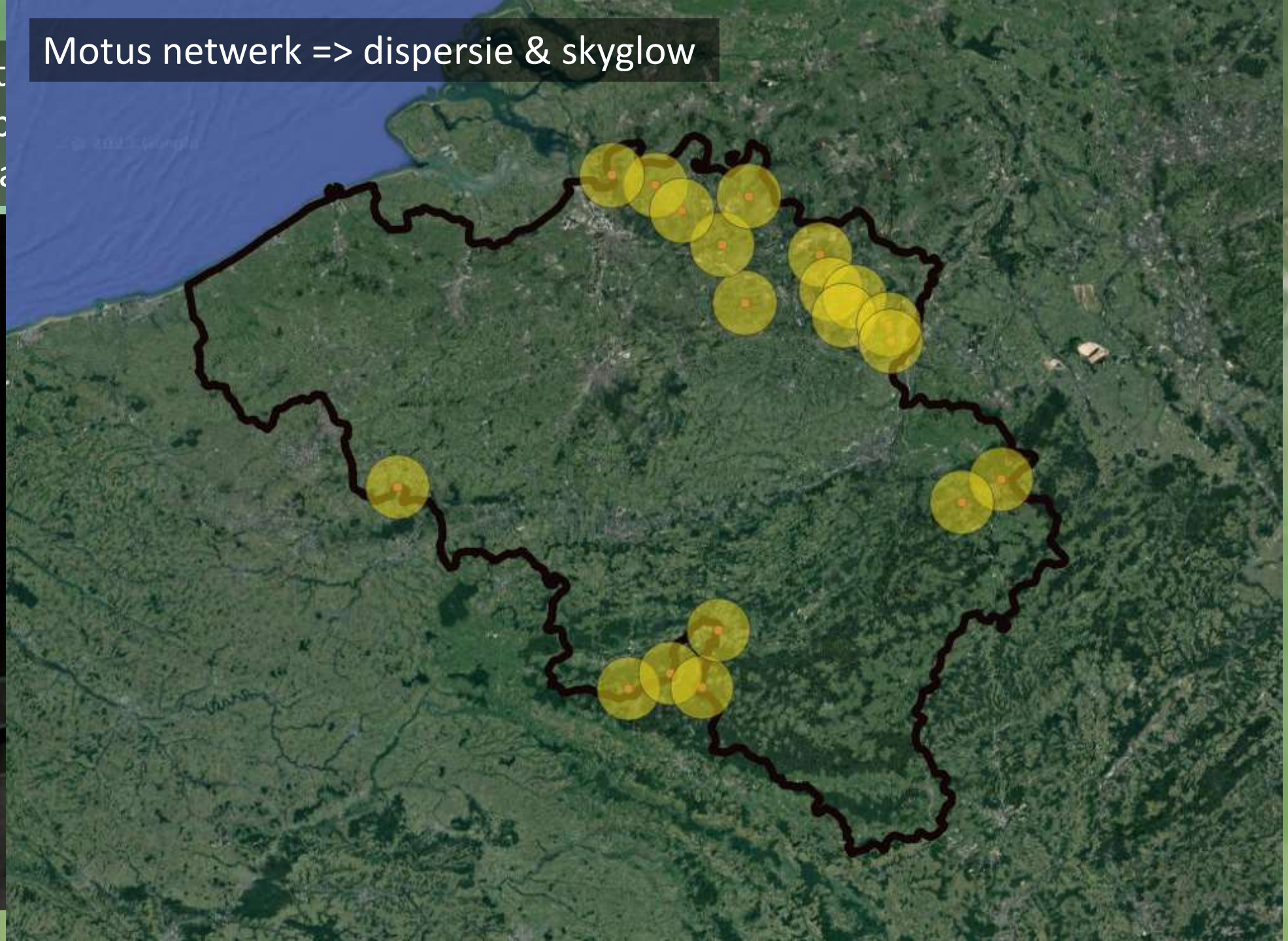




Wat met

- Groep
- Habita

Motus netwerk => dispersie & skyglow



ruben.evens@uantwerpen.be

