Kwartiertellingen, nieuw vlinderen

15-minute counts

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eBMS Team

Monitoring biodiversity

Monitoring effort

Experience

Mark-Release-Recapture (MRR)

High

Scientists - Butterfly expert

eBMS

Transects

Middle

Trained people

15-min Counts

Opportunistic data

Low

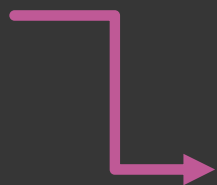Every person

European Butterfly Monitoring Scheme

What is a 15-min count? kwartiertelling?

- ▶ Methodology counting insects during 15 minutes

- ▶ In a certain area, route or point

- ▶ Same monitoring effort

- ▶ Butterfly abundances

Many possibilities

Where to do 15-min counts?

Everywhere

▶ In a path

▶ In a meadow

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Where to do 15-min counts?

Everywhere

▶ In a stream

▶ In the mountains

Where to do 15-min counts?

Everywhere

▶ In a park

▶ In the city
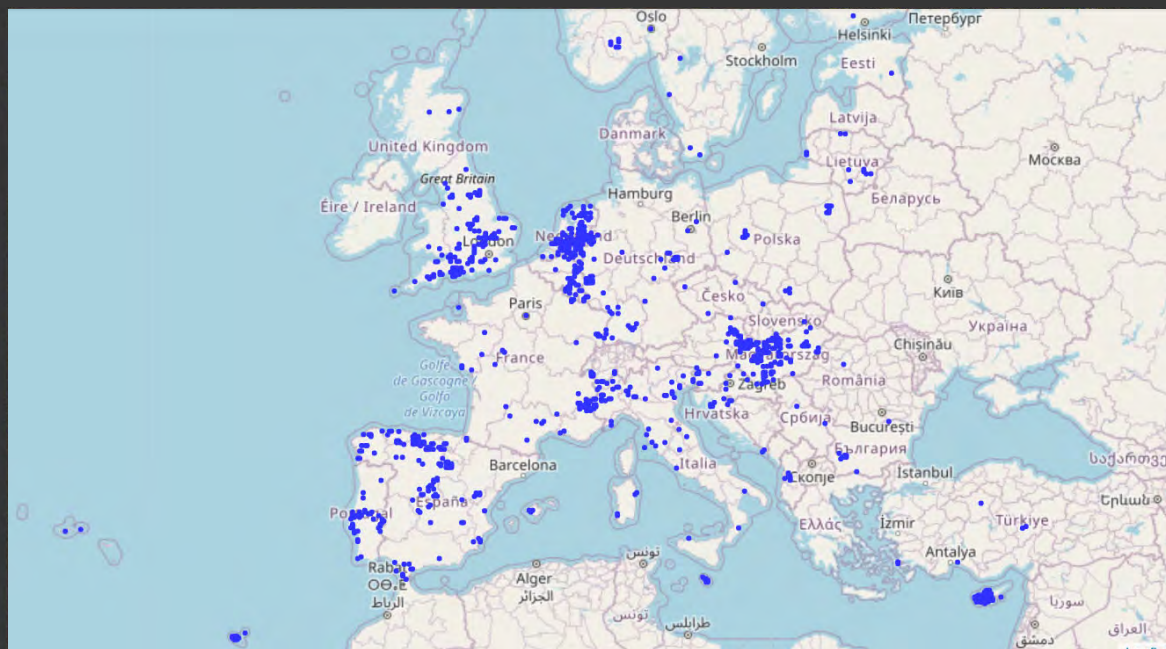
Where to do 15-min counts?

Everywhere

▶ Walking the dog

▶ On the outskirts
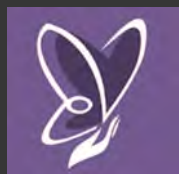
eBMS

Why to use 15-min counts?

- ► Funny!
- ► Flexible
- ► Perfect for holidays
- ► Standardised method
- ► Filling gaps:
  - interesting areas (mountains, isolated areas, rare species)
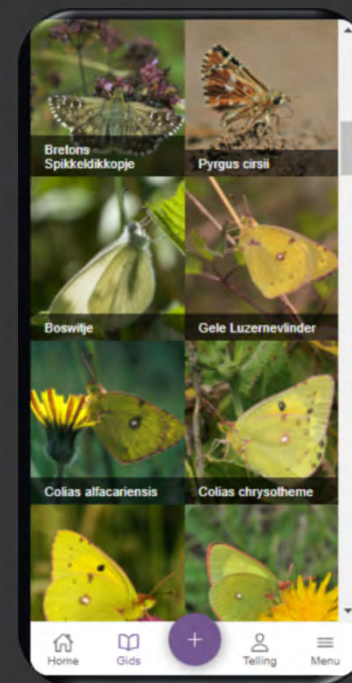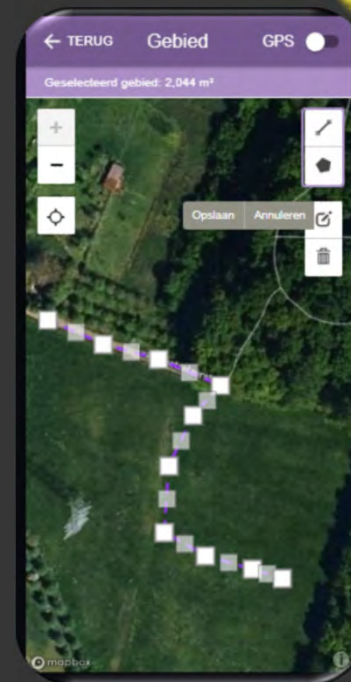 - low monitored areas (agricultural, urban landscapes)

All 15-minute counts recorded in Europe so far!

ButterflyCount app

1. Download the app

2. Register an account on the eBMS:
   www.butterfly-monitoring.net

More info: www.butterfly-monitoring.net/ebms-app

ButterflyCount app

▶ A mobile application to collect **butterfly counts** across Europe

▶ In Dutch and +10 languages

▶ Dutch names of butterflies

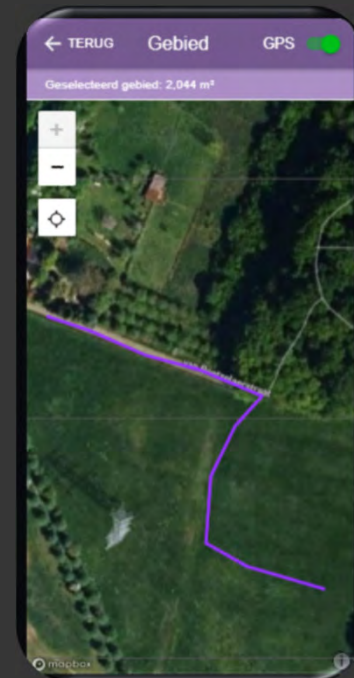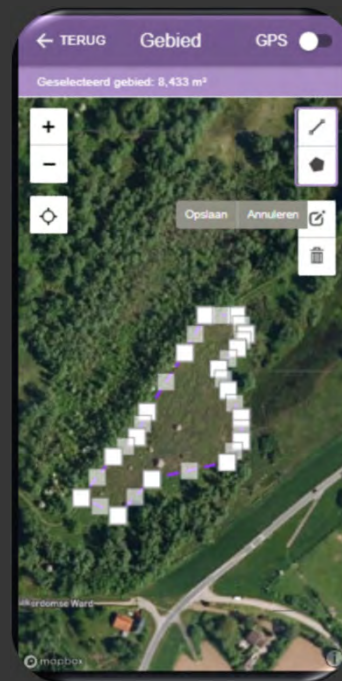▶ Other taxa: **moths, dragonflies, bumble**bees
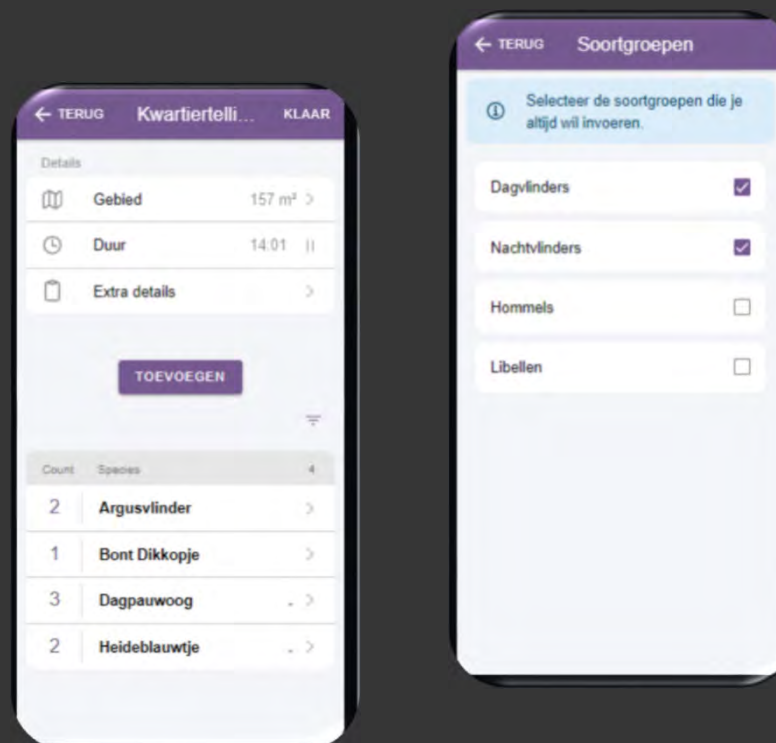
More info: www.butterfly-monitoring.net/ebms-app

ButterflyCount app

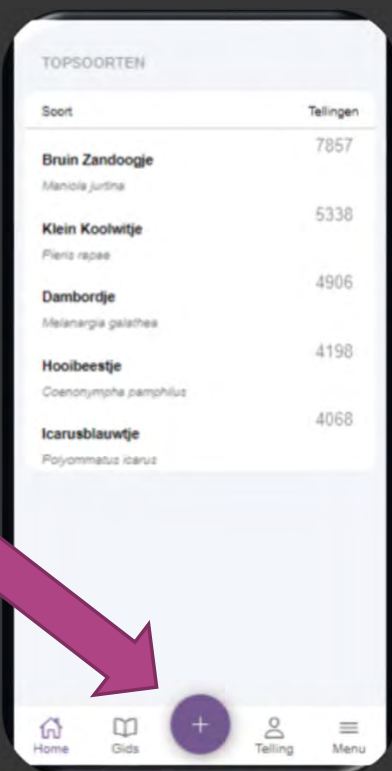The app counts down 15 minutes and register the route

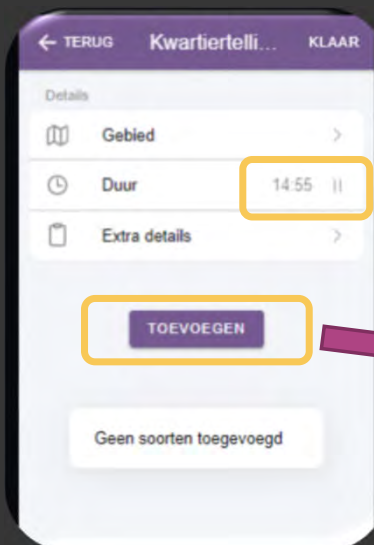► GPS on: app records your route

► GPS off: draw the route or area

More info: www.butterfly-monitoring.net/ebms-app

How to do a 15-min count?

2nd: 15-min starts, check GPS and time

3rd: add species

Press + button

1st: press + button

How to do a 15-min count?

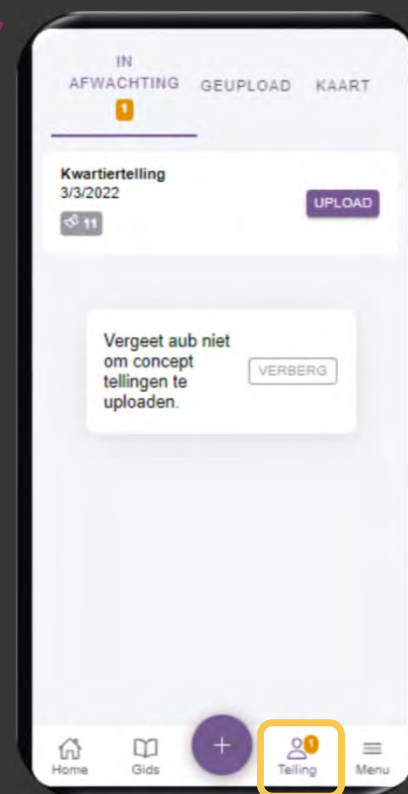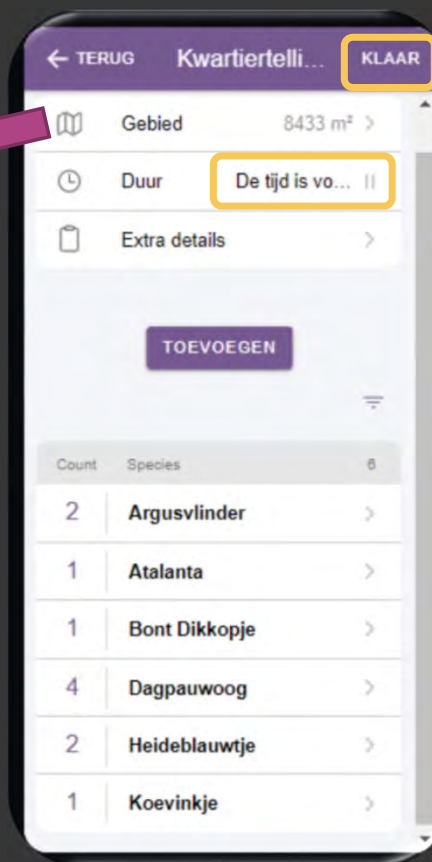Add information of species, pictures...
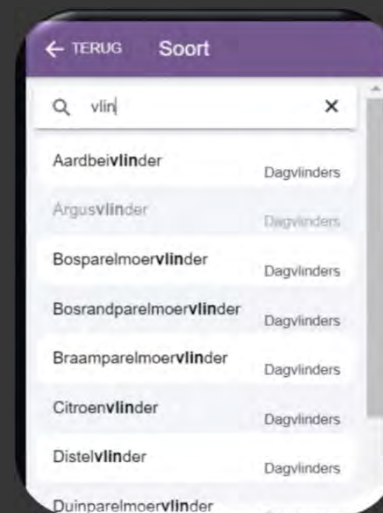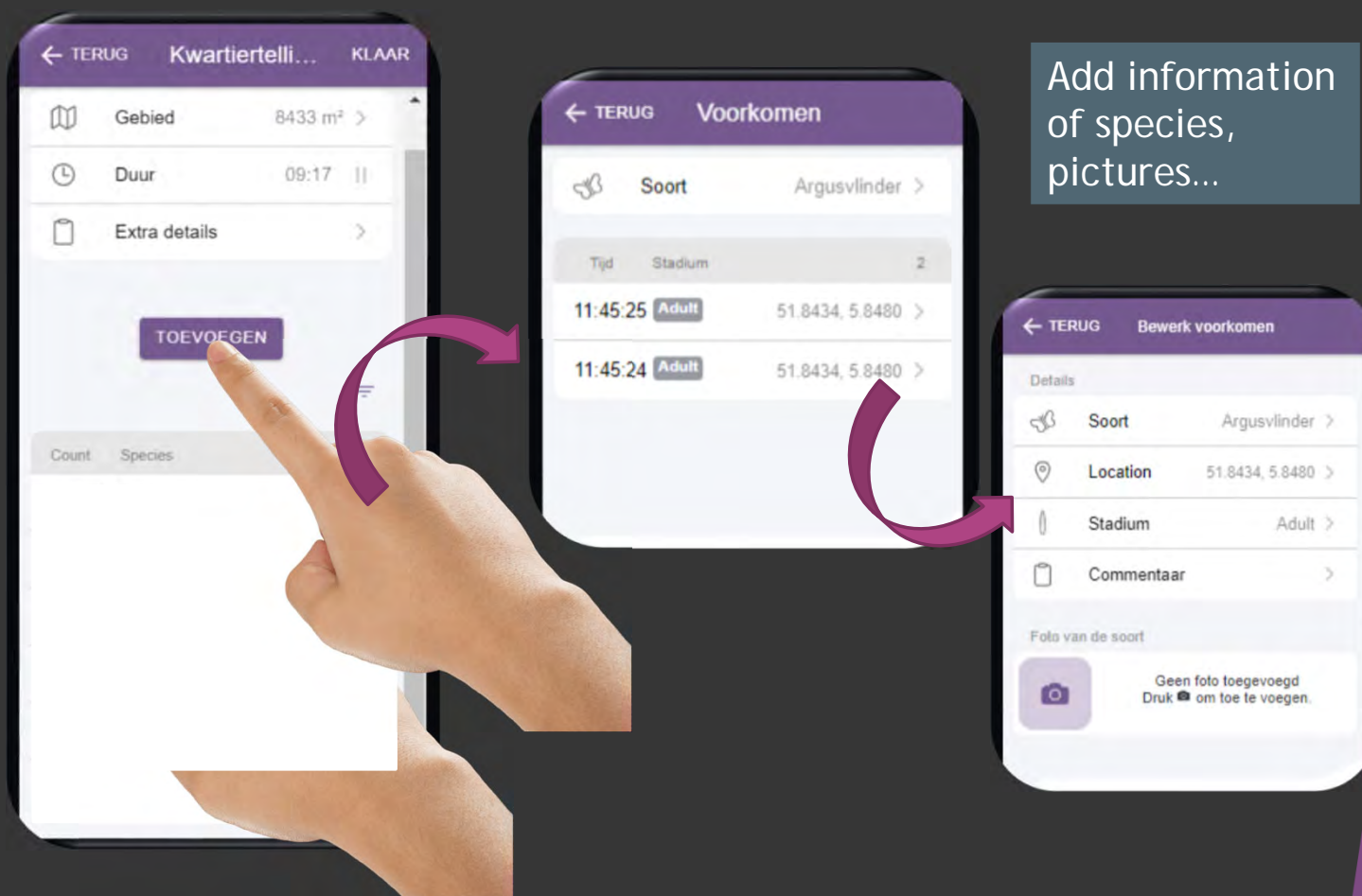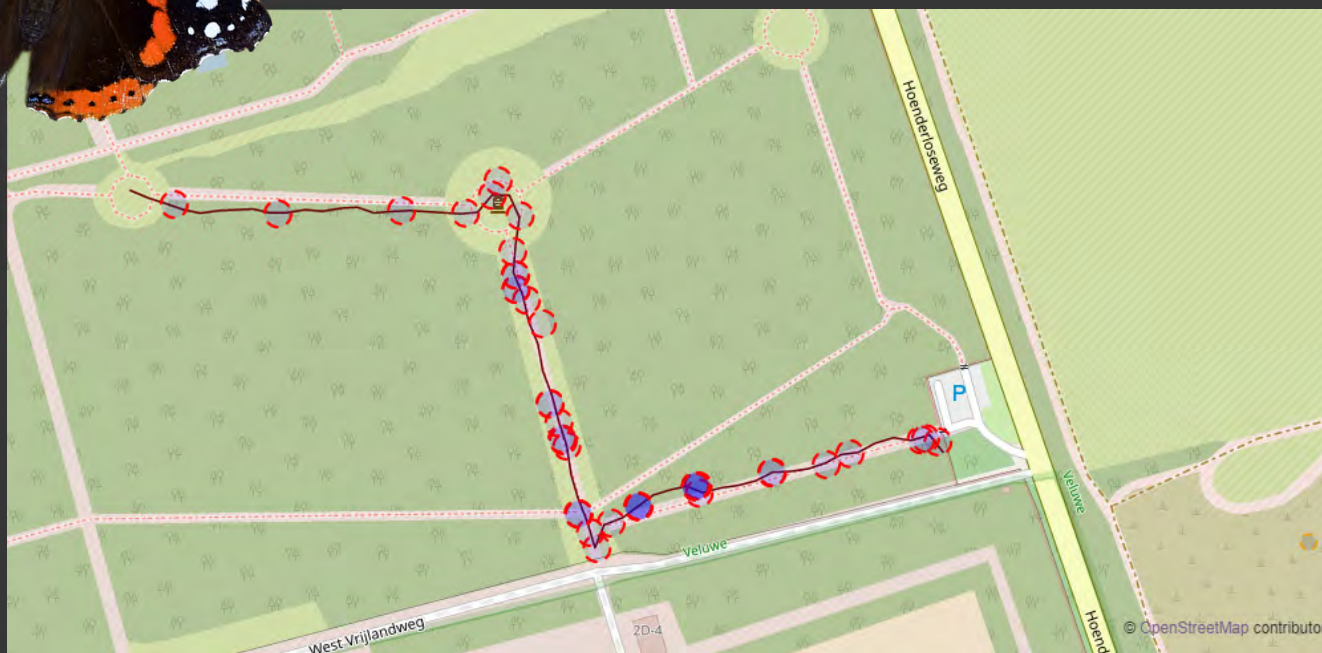
How to do a 15-min count?

Press finish and upload
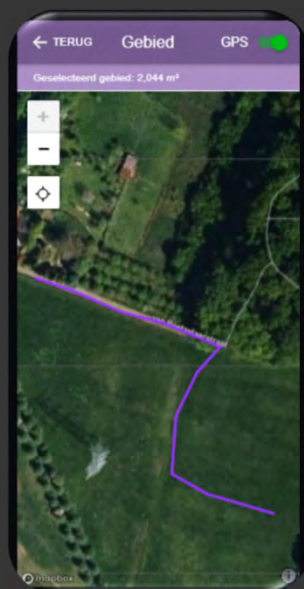
Time's up: review species and route

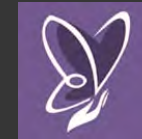# 15-min count - kwartiertelling

9 species seen

- 1 dagpauwoog
- 1 boomblauwtje
- 10 eikenpage
- 9 citroenvlinder
- 18 bruin zandoogje
- 1 groot koolwitje
- 3 klein koolwitje
- 1 icarusblauwtje
- 2 atalanta

eBMS website

▶ ButterflyCount app related to the eBMS website

▶ My data -> My samples

Download your data and routes
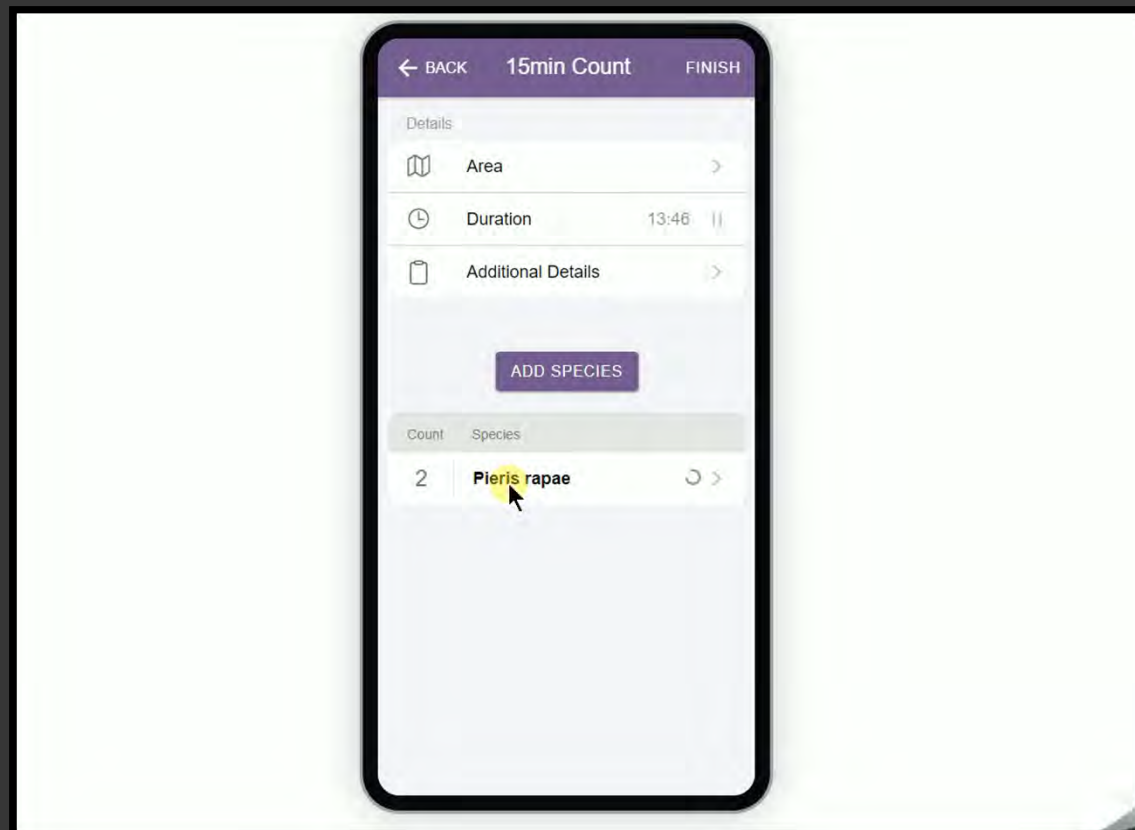
ButterflyCount app
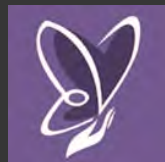
Explanatory videos

Butterfly Conservation
Europe YouTube channel

More info: www.butterfly-monitoring.net/ebms-app

gracias obrigado Thank you takk hvala spasiba Thank you obrigado Thank Děkuji dank you dank tak dank takk grazie grazie Благодаря ти dank merci efharisto merci mulumesc dank ευχαριστώ gracias kiitos merci gracias Děkuji

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