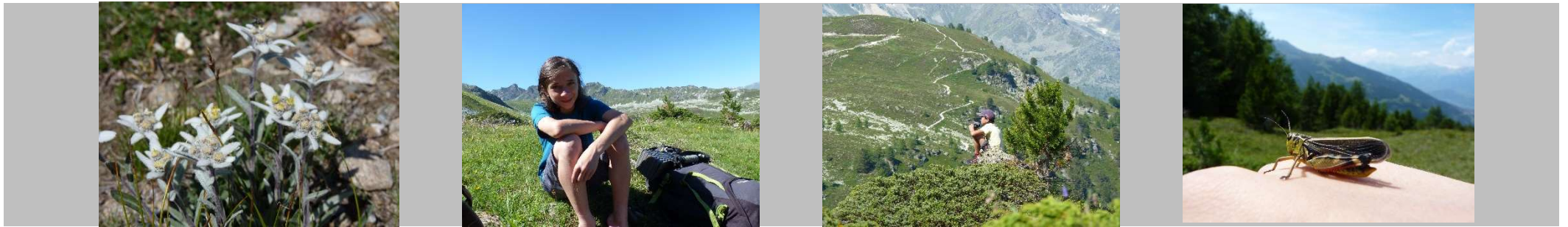


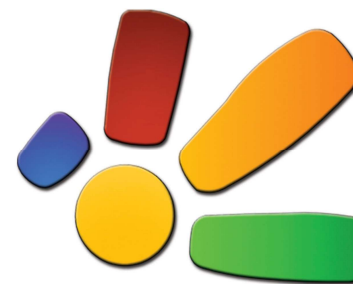
A l'affût de la biodiversité en itinérance

Objectif Sciences International

11/12/2019 Geneva Forum



Darré Léane
Participante du séjour
Chandolin, Val d'Anniviers, Suisse
21-28 juillet 2019



**Objectif
Sciences
International**

Organisation Internationale Non Gouvernementale

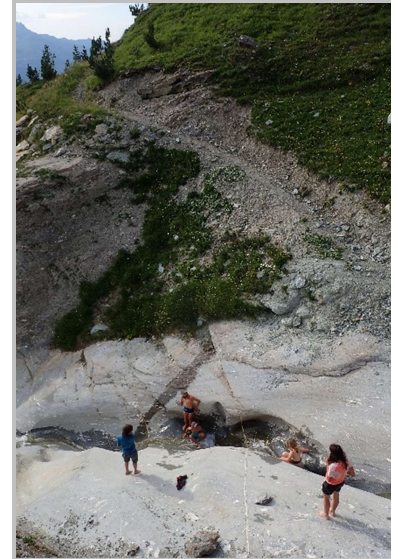
Summary

1. Goals
2. Technical methods
3. Scientific methods
4. Changes compared to previous years
5. Personal opinion
6. Results
7. View for the future



« Il n'y a pas de passagers sur le vaisseau Terre. Nous sommes tous des membres d'équipage. »

Marshall McLuhan





1. Goals

- ✓ Visit places in the valley which were still unexplored by the Biodiversita program
- ✓ Discover new species
- ✓ Have a look of the biodiversity in this part of the valley



2. Technical methods

Bags for hiking

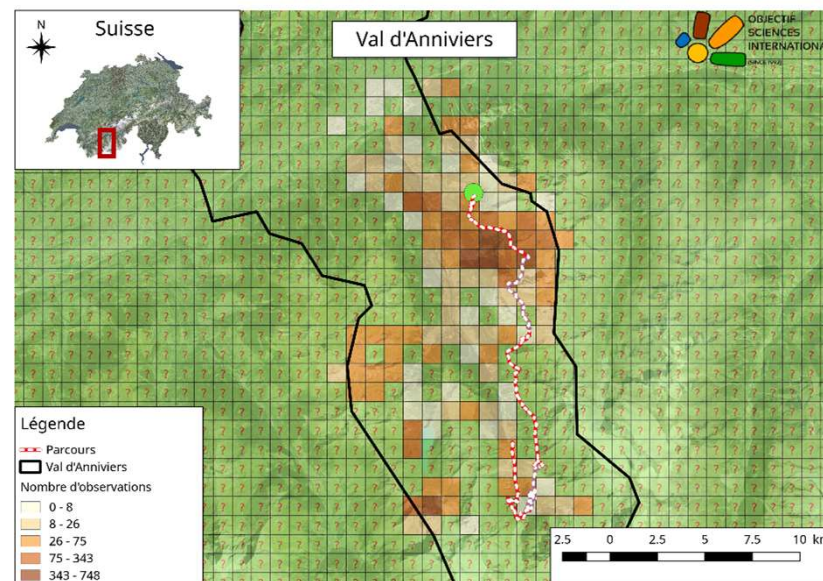
- ✓ Bags's weight -> Maximum $\frac{1}{4}$ of the person total's weight
- ✓ Take only the essential

Food

- ✓ Easy meals to make
- ✓ Supply by Sylvain (the program chair)

Nights

- ✓ Sleeping bags
- ✓ Floor mats
- ✓ Security blankets



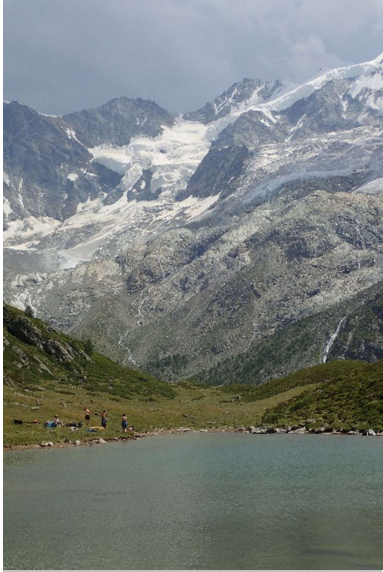
3. Scientific methods

Census software

- ✓ Obsmapp/iObs

Protocol

- ✓ Spotting during the walk (constantly)
- ✓ Locating an area of interest:
 - Inventory as comprehensive as possible
- ✓ Focus on environment with a high ecological interest



4. Changes compared to the last years

General

- ✓ New site of residence center -> Evolution for data collection

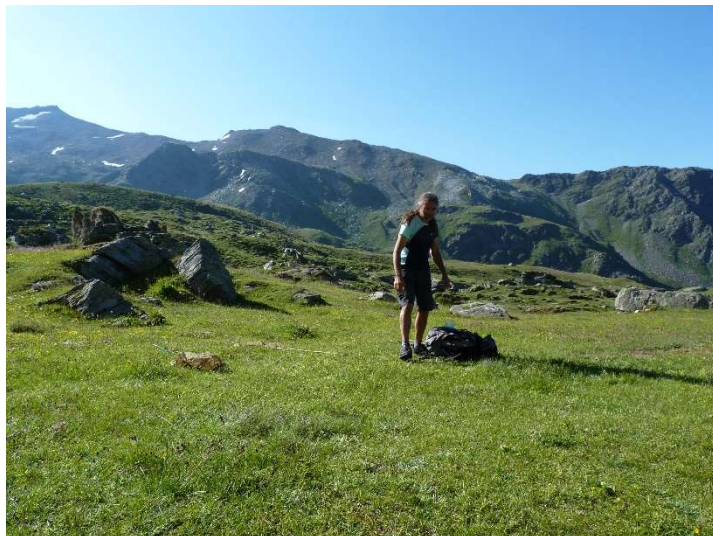
Roaming hike

- ✓ Always being in the study area :
 - Flexibility of scheduling
 - Greater efficiency
- ✓ New way of living:
 - Different comfort
 - Aim at the essentials for the stuff to take
- ✓ New opportunities for the next stays :
 - Data more in space than in quantity
 - Expanded observation area



5. Personal Opinion

- ✓ Hike
- ✓ New lifestyle
- ✓ Adaptability of the route
- ✓ Reading of the map



Results

- 39,1 km of walk
- 2189 m of elevation gain upwards
- 2436 m of difference in height downwards

- More than 1000 observations
- 252 different species

- 18 new species:
 - ❖ 2 bugs
 - ❖ 16 plants
- 18 slightly known species (less than 4 observations by the program before this stay) :
 - ❖ 6 bugs
 - ❖ 12 plants



Results

Val d'Anniviers (Suisse)

Zone d'étude du séjour à l'affût de la biodiversité en itinérance

OSI - juillet 2019



Légende

Zone d'étude

□ Val d'Anniviers

Centre de séjour

■ Saint-Luc (2014-2018)

■ Chandolin (2019)

Nombre d'observations

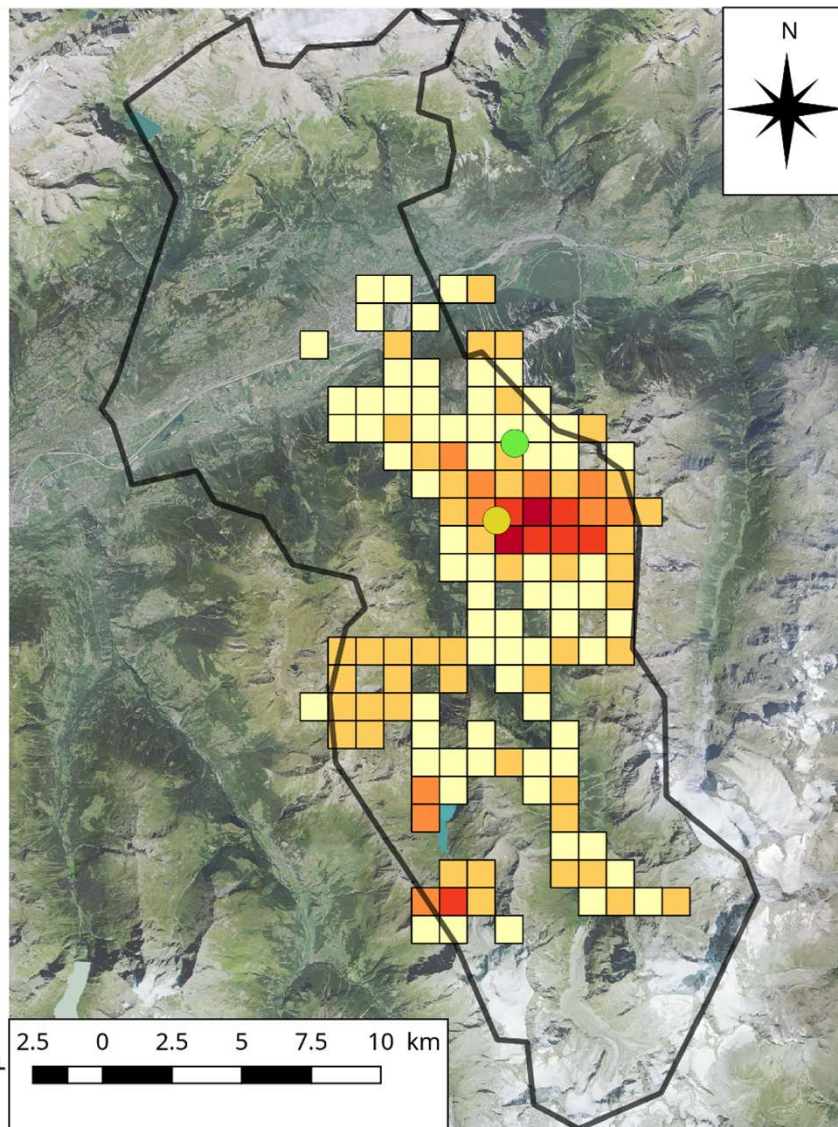
■ 0 - 22

■ 22 - 85

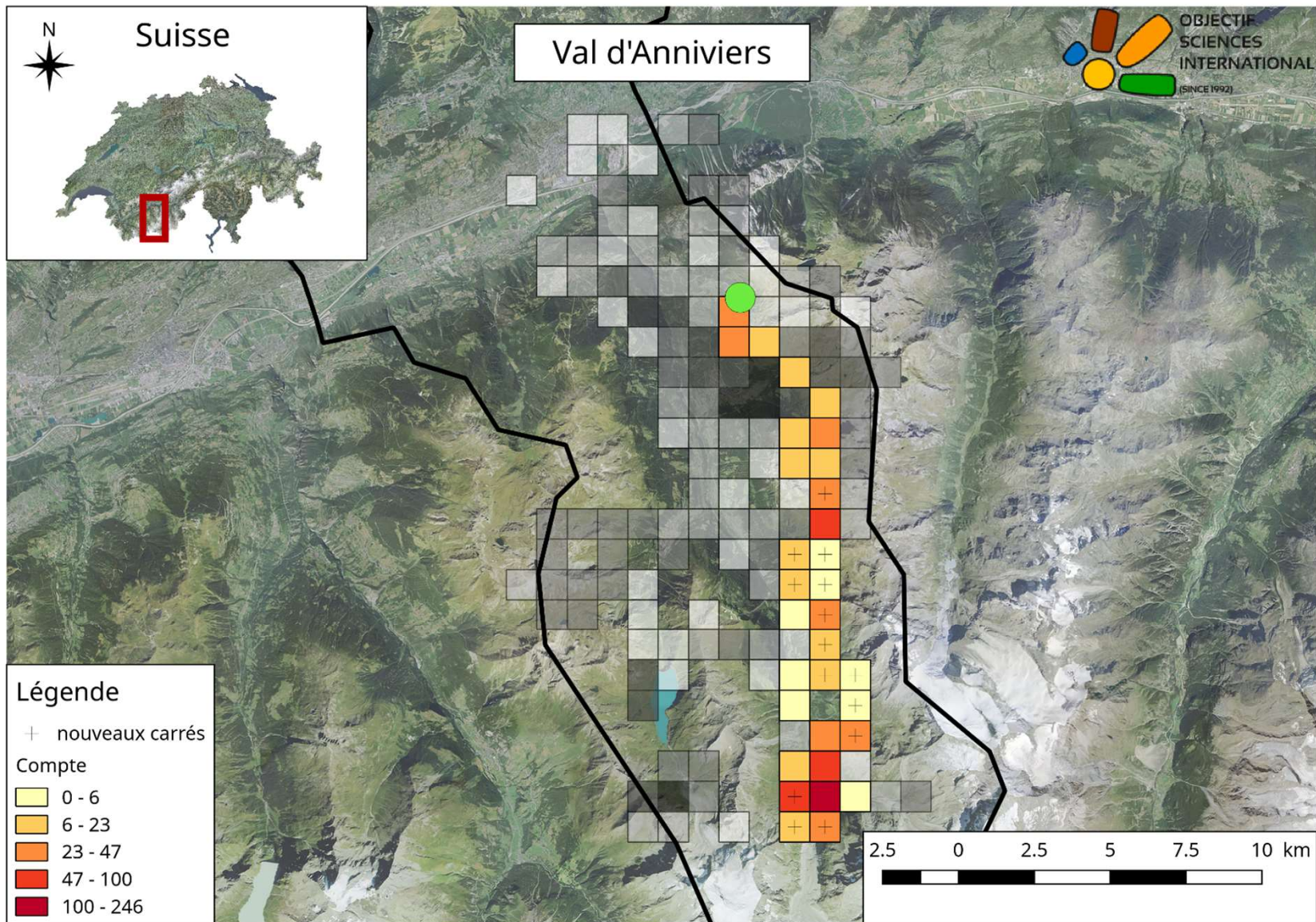
■ 85 - 180

■ 180 - 538

■ 538 - 748

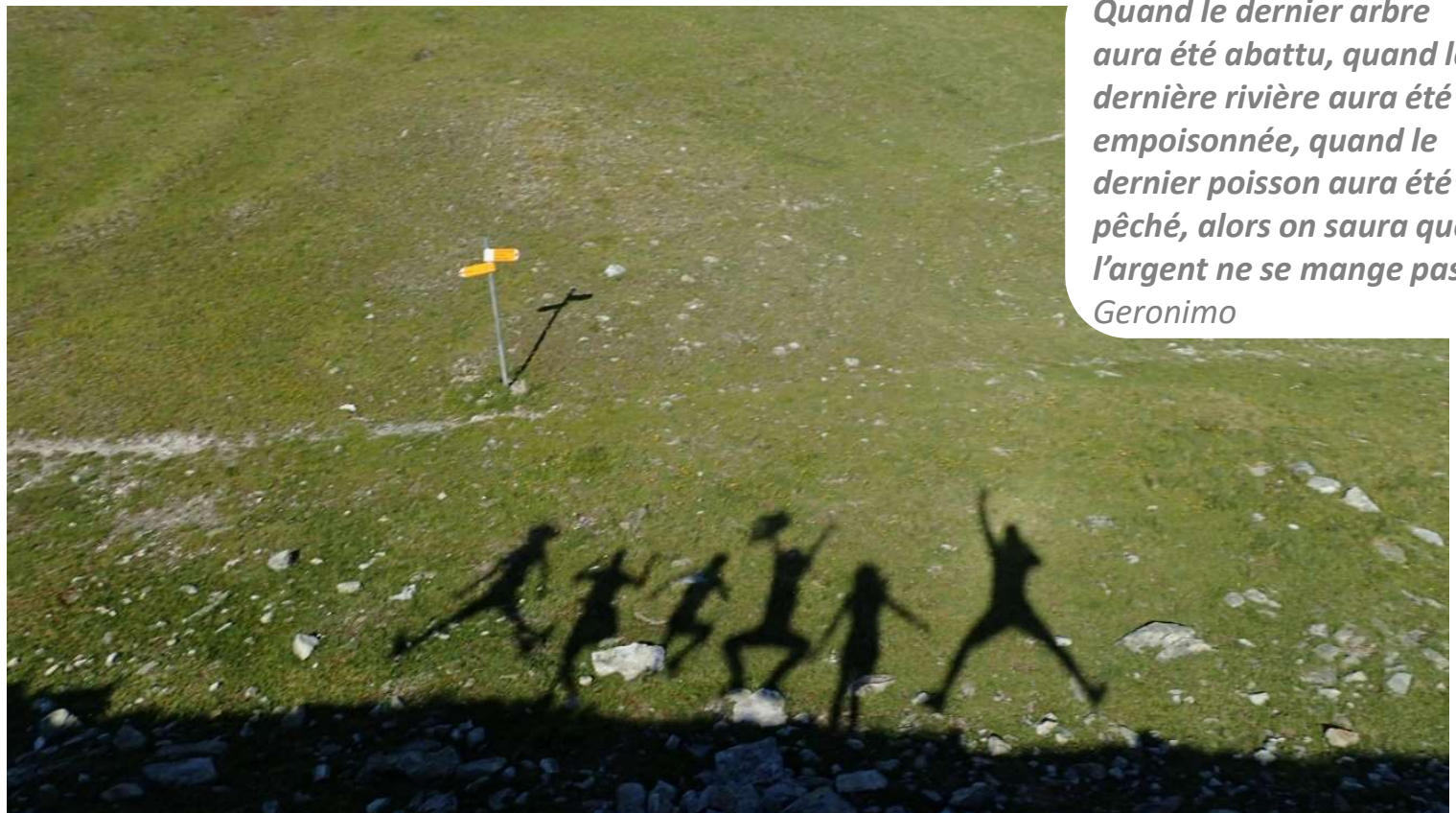


Results



6. View for the future

- ✓ Let the BIODIVERSITA program have a preview of the rest of the valley, the « Terra Incognita » to upgrade the quality of the data in the surface
- ✓ Let participants test a new lifestyle with new behaviors



*Quand le dernier arbre
aura été abattu, quand la
dernière rivière aura été
empoisonnée, quand le
dernier poisson aura été
pêché, alors on saura que
l'argent ne se mange pas
Geronimo*

Thank you for listening

