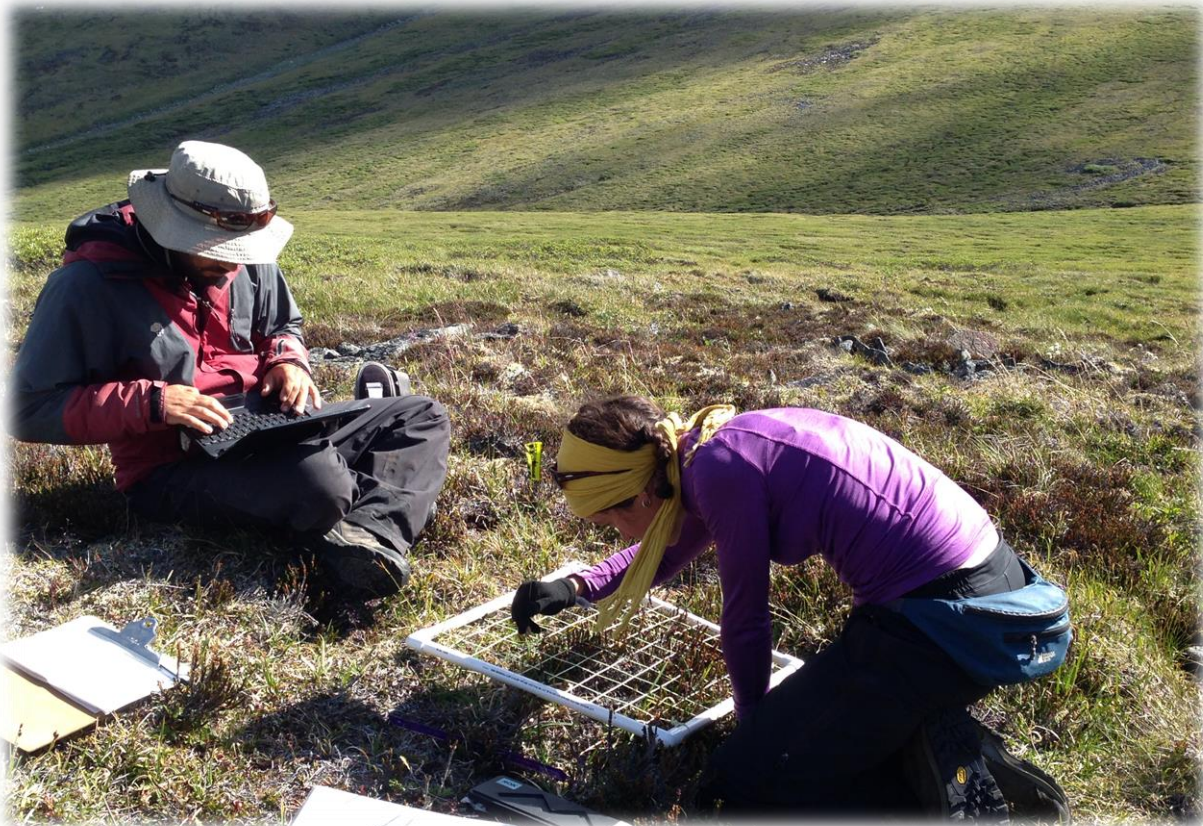




Role of herbivory in northern and alpine environments: towards a common approach



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why?

- Plant-herbivore interactions are central to the functioning of tundra ecosystems
- Outcomes of these interactions **vary regionally**

We need a **common approach** to assess how and why the role of herbivory varies at **global scales**!

what?

A **common approach** that:

- ✓ Enables comparisons within and between regions, and among species
- ✓ Is applicable to Arctic and alpine tundra
- ✓ Uses state-of-the art ecological sampling methods
- ✓ Connects with complementary initiatives (e.g. ITEX, GLORIA, etc)

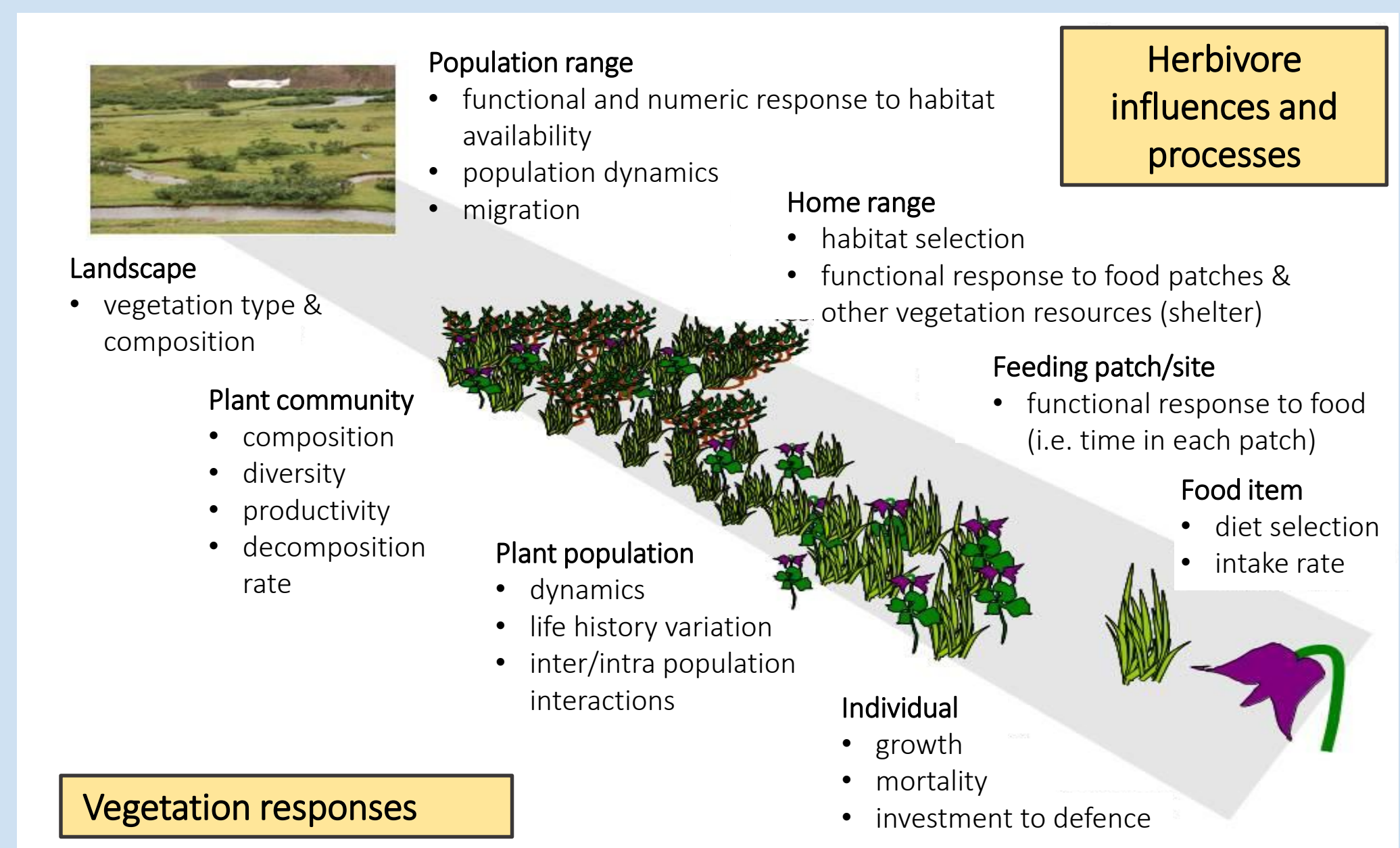
how?



- Using well-replicated **study designs** to match **scales of processes** in herbivores and plants
- Selecting **prioritized questions** for cross-site comparisons
- Synthesizing** information and experience available to identify strengths and weaknesses in our knowledge
- Establishing guidelines for **coordinated studies** at **long-term observation sites**

main challenges

Plant-herbivore interactions occur at different **temporal and spatial scales**



about us

HERBIVORY NETWORK

STUDYING HERBIVORY IN ARCTIC AND ALPINE ECOSYSTEMS

The Network presently has more than 100 members from 11 countries, committed to developing coordinated research efforts to improve understanding of herbivory in Arctic and alpine environments.

The Network welcomes new participants sharing these interests.

<http://herbivory.biology.ualberta.ca>

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