Grazing and Diversity

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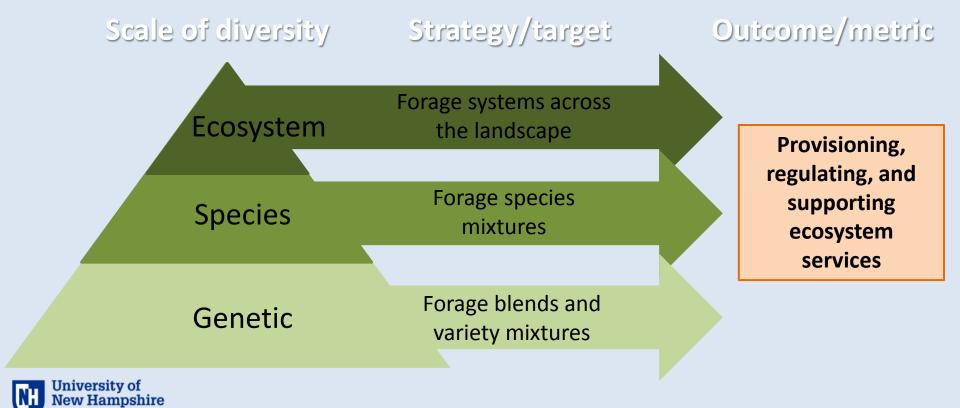






Two sides of the diversity question

- 1. How do we use grazing-based systems to achieve goals related to conservation of diversity?
- 2. How do we use diversity to improve grazing-based systems?



1. Diversity in grazing systems

A. What role does **plant diversity** play in the <u>functioning</u> of grazing-based systems?







2. Diversity of grazing-based systems











Agroecological and biogeochemical implications of conversion to silvopasture?



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Measuring dynamics of:

- C and N
- H₂O/hydrology
- Forage
- Timber

Open pasture

Plant establishment invasion





Questions

- How do we best balance our food production and conservation goals?
- How do we determine if production of livestock products (as opposed to other forms of agriculture or other land uses) is the best use of a given parcel of land?
- Where does agroforestry fit within a landscape that must continue to deliver a diverse range of ecosystem services?

