



Effects of Spotted Knapweed on Arthropod Communities AND Genomic Barcoding Tools for Ecosystem Reclamation

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Objectives

Spotted knapweed effects on invertebrate communities

- Insect guild structure
- Insect community productivity

DNA barcode specimens

- Contribute to database
- Advance site remediation efforts



Herbivore



Omnivore



Predator



Scavenger/
Detritivore



Parasite



Methods

- Location: semi-arid grasslands
- Sample: summer 2016 & 2017
- Sweep net surveys
- Pitfall traps
- Metabarcoding specimens



Thanks!

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