



Saskatchewan
Prairie Conservation
Action Plan

Native Prairie Speaker Series Webinar

Habitat quality and the genetic population structure of the Ord's kangaroo rat



Image: Arnold Janz

Thursday January 30th, 2025 12:00pm CT

Speaker: Jessie Bainbridge, MSc Candidate, University of Regina, Department of Biology

Register Free: <https://shorturl.at/YEoOW>

This presentation is FREE! Tune in from anywhere! Everyone welcome!

More Information: SK PCAP at 306.352.0472 or pcap@sasktel.net

This Webinar is Presented By:



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Speaker: Jessie Bainbridge, MSc Candidate, University of Regina, Department of Biology

About the Speaker:

Jessie Bainbridge is a second-year MSc student in Biology at the University of Regina. She obtained a Renewable Resource Management diploma and a Bachelor of Ecosystem Management from Lethbridge College. Jessie is passionate about research that informs conservation strategies and translates findings into actions that protect vulnerable species and their habitats. Outside of research, Jessie enjoys hiking, discovering new hobbies that engage her mind and hands, and spending quality time with her fiancé, dog, and cat.

About this Webinar:

The Ord's kangaroo rat is an endangered species in Canada, with habitat loss identified as the primary threat. Jessie's research aims to better understand habitat characteristics that influence Ord's kangaroo rats at a local and landscape scale. Specifically, Jessie is investigating how Ord's Kangaroo Rat reproductive success and body condition vary with local sand dune characteristics. Additionally, she is examining the genetic population structure of kangaroo rats across their Canadian range and identifying landscape features that may serve as barriers to dispersal and gene flow. These research objectives are intended to help inform ongoing and future habitat remediation and conservation strategies for the species.

PCAP's Native Prairie Speaker Series is a monthly webinar about prairie conservation or species at risk.

Hosted by: Caitlin Mroz-Sailer, Stewardship Coordinator, Saskatchewan Prairie Conservation Action Plan

We respectfully acknowledge that we are on the traditional territories of many Indigenous Nations and communities, past and present. For a millennia, they have worked to protect these landscapes and the life these areas sustain. I would like to thank these original caretakers, and acknowledge the ongoing work and presence of Indigenous Peoples in Canada today.