

UW Board of Trustees Research and Economic Development Committee
 Agenda
 November 20, 2024, at 1:00 pm – 2:30 pm

Open Session:

Agenda #	Description	Page #
1. 60 minutes	<p>AMK Research Presentations – Sarah Collins</p> <ul style="list-style-type: none"> • Anne Beeman - MS student, Botany. Advisor Daniel Laughlin. <i>Title: "Sagebrush Steppe Restoration Outcomes: Early responses of seed mix design and soil tilling on species composition and shrub establishment in Grand Teton National Park".</i> • Patrick Hofstedt - PhD student, Hydrologic Science Program. Advisor Kristi Hansen. <i>Title: "Angler preference under alternative climate scenarios in Northwestern Wyoming.</i> • Connor Bell - prospective graduate student, Anthropology. Advisor Randy Haas. <i>Title: "Archaeological survey of ice patches in Grand Teton National Park."</i> • Lauren Wettreau, MS student, Haub School/Zoology and Physiology. Advisor John Koprowski. <i>Title: "Red squirrels as ecosystem engineers and drivers of biodiversity at AMK ranch."</i> 	<p>4</p> <p>40</p> <p>56</p> <p>66</p>
2. 15 minutes	UW Reg 1-1 changes pertinent to REDD	67
3. 15 minutes	REDD Updates Parag Chitnis, Arun Pradhan, Jay Gatlin	84

Research and Economic Development
COMMITTEE MEETING MATERIALS

AGENDA ITEM TITLE:

- ☒ OPEN SESSION
☐ CLOSED SESSION

PREVIOUSLY DISCUSSED BY COMMITTEE:

- ☐ Yes
☒ No

FOR FULL BOARD CONSIDERATION:

- ☐ Yes *[Note: If yes, materials will also be included in the full UW Board of Trustee report.]*
☒ No
☒ Attachments/materials are provided in advance of the meeting.

EXECUTIVE SUMMARY: Student Presentations of work performed at the UW Research Institute at the AMK ranch in the summer of 2024.

Anne Beeman - MS student, Botany. Advisor Daniel Laughlin. Title: "Sagebrush Steppe Restoration Outcomes: Early responses of seed mix design and soil tilling on species composition and shrub establishment in Grand Teton National Park". Anne will discuss her MS research related to sagebrush restoration in Grand Teton National Park. Her work was awarded a UW NPS small grant and is in cooperation with GNTTP scientists.

Patrick Hofstedt - PhD student, Hydrologic Science Program. Advisor Kristi Hansen. Title: "Angler preference under alternative climate scenarios in Northwestern Wyoming." Patrick is currently a UW PhD student and will discuss results from his recently completed MS project in the UW Agricultural Economics Department, which focused on angler preferences related to economically important fisheries in the Snake River. This work was conducted as part of the WyACT project, a large NSF EPSCoR grant at UW.

Connor Ball - prospective graduate student, Anthropology. Advisor Randy Haas. Title: "Archaeological survey of ice patches in Grand Teton National Park." Connor is in the process of applying to the graduate program in Anthropology and the NSF Graduate Research Fellowship. He will discuss a preliminary field trip that he completed in Summer 2024 with UW faculty member Randy Haas, which provided pilot data for his graduate project about the archaeology of ice patches in Grand Teton NP.

Lauren Wettreau, MS student, Haub School/Zoology and Physiology. Advisor John Koprowski. Title: "Red squirrels as ecosystem engineers and drivers of biodiversity at AMK ranch." Lauren is a MS student studying red squirrels at AMK Ranch and will discuss motivation for her project and preliminary results from her 2024 field season. Her work was awarded a UW NPS small grant.

PRIOR RELATED COMMITTEE DISCUSSIONS/ACTIONS:

Information only

WHY THIS ITEM IS BEFORE THE COMMITTEE:

Information only

ACTION REQUIRED AT THIS COMMITTEE MEETING:

None

PROPOSED MOTION:

N/A



Sagebrush Steppe Restoration Outcomes:

Early responses of seed mix design and soil tilling on species composition and shrub establishment in Grand Teton National Park

Anne M. Beeman¹



1. Graduate Student, Laughlin Laboratory, Department of Botany, University of Wyoming

OUTLINE

- i. Importance of Sagebrush Ecosystems
- ii. Land Use History of Grand Teton National Park
- iii. Restoration in Grand Teton National Park
- iv. Experimental Design
- v. Experimental Results



Images: NPS Photos

Historic Sagebrush Biome

Sagebrush steppe and shrubland ecosystems are being lost to climate change, annual grass invasion, development, and wildfire.

Current Sagebrush Biome



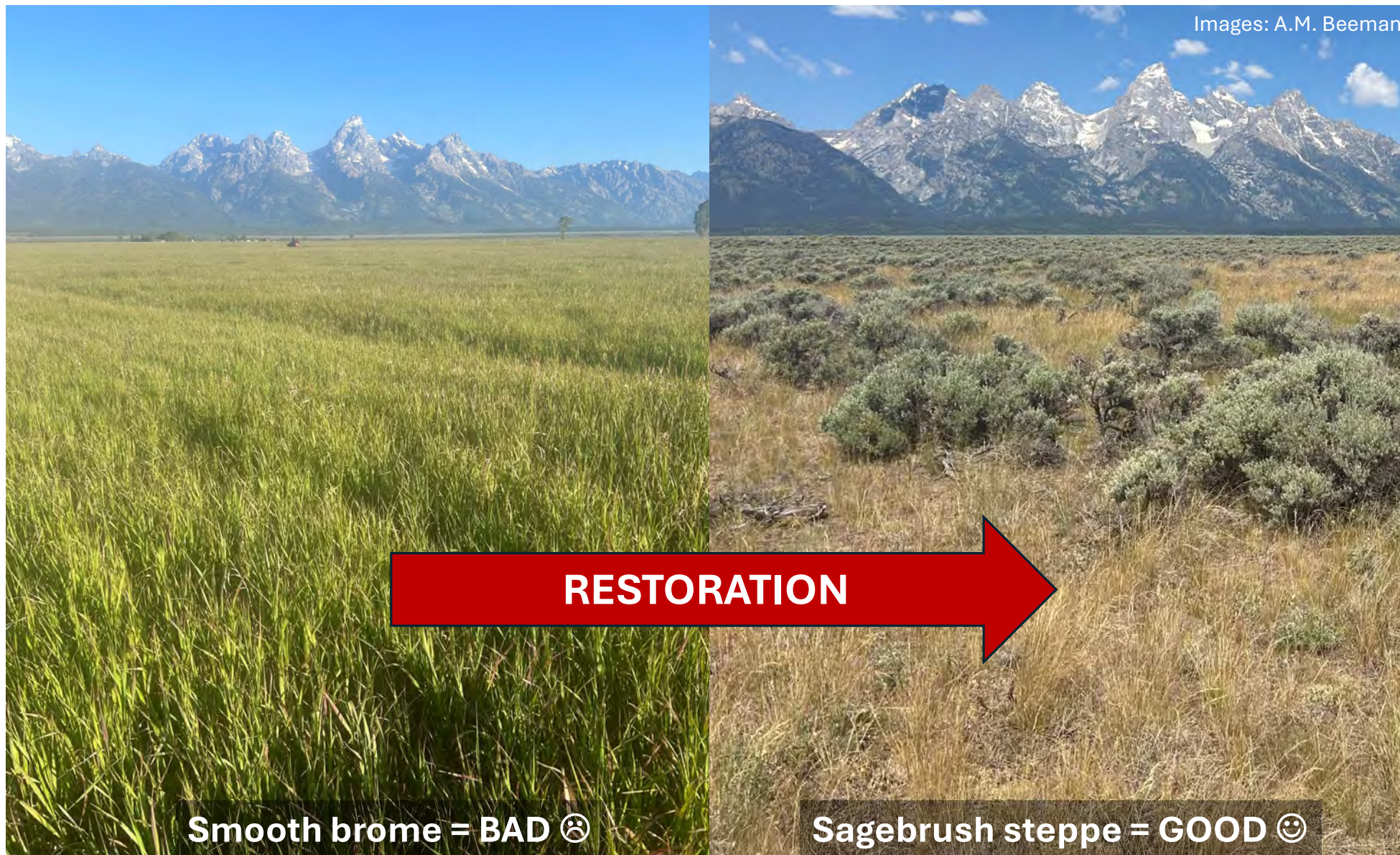
Images: Nature Conservancy

Homesteading the Tetons – 1890s



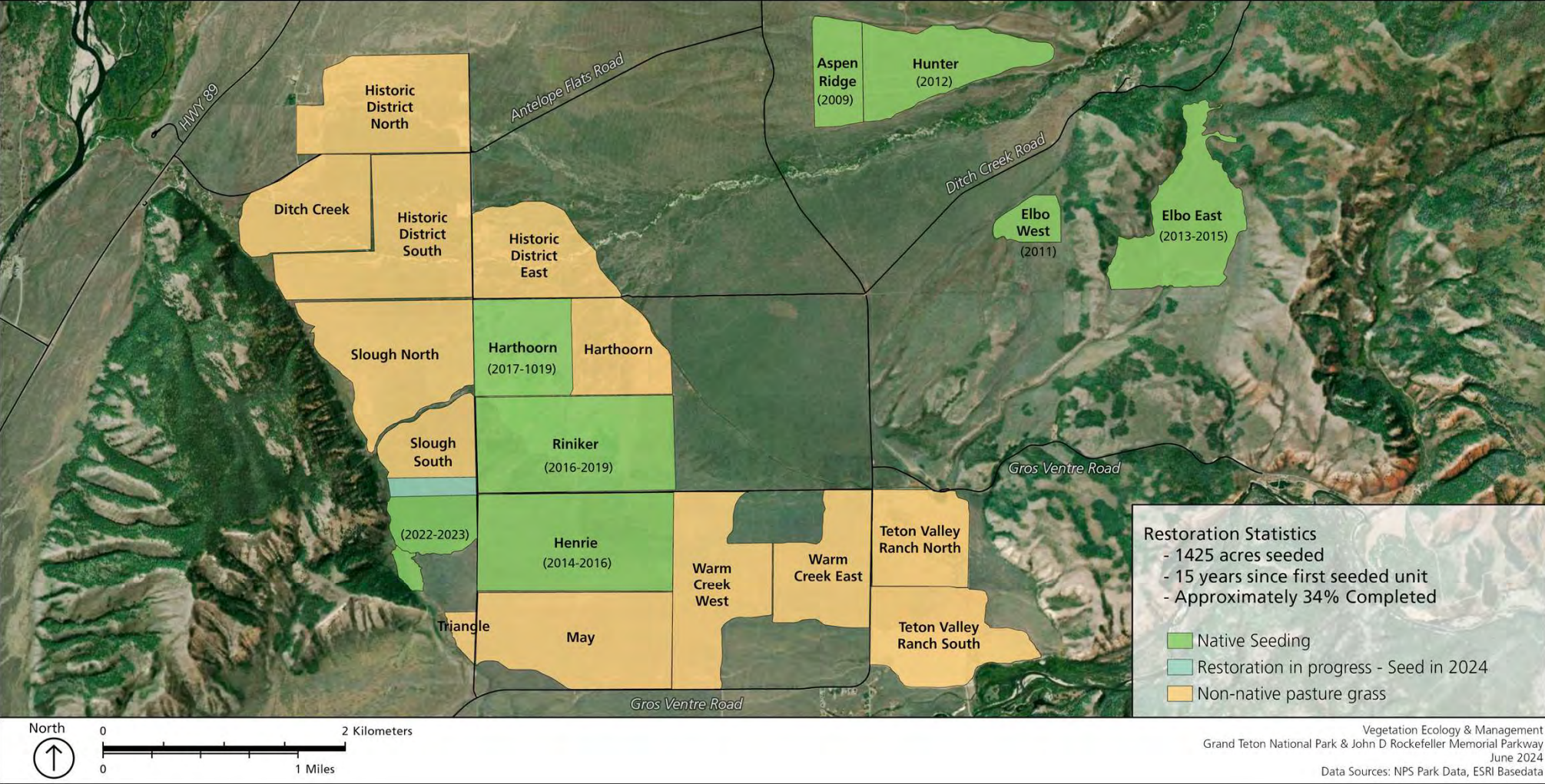
Images: NPS Photos





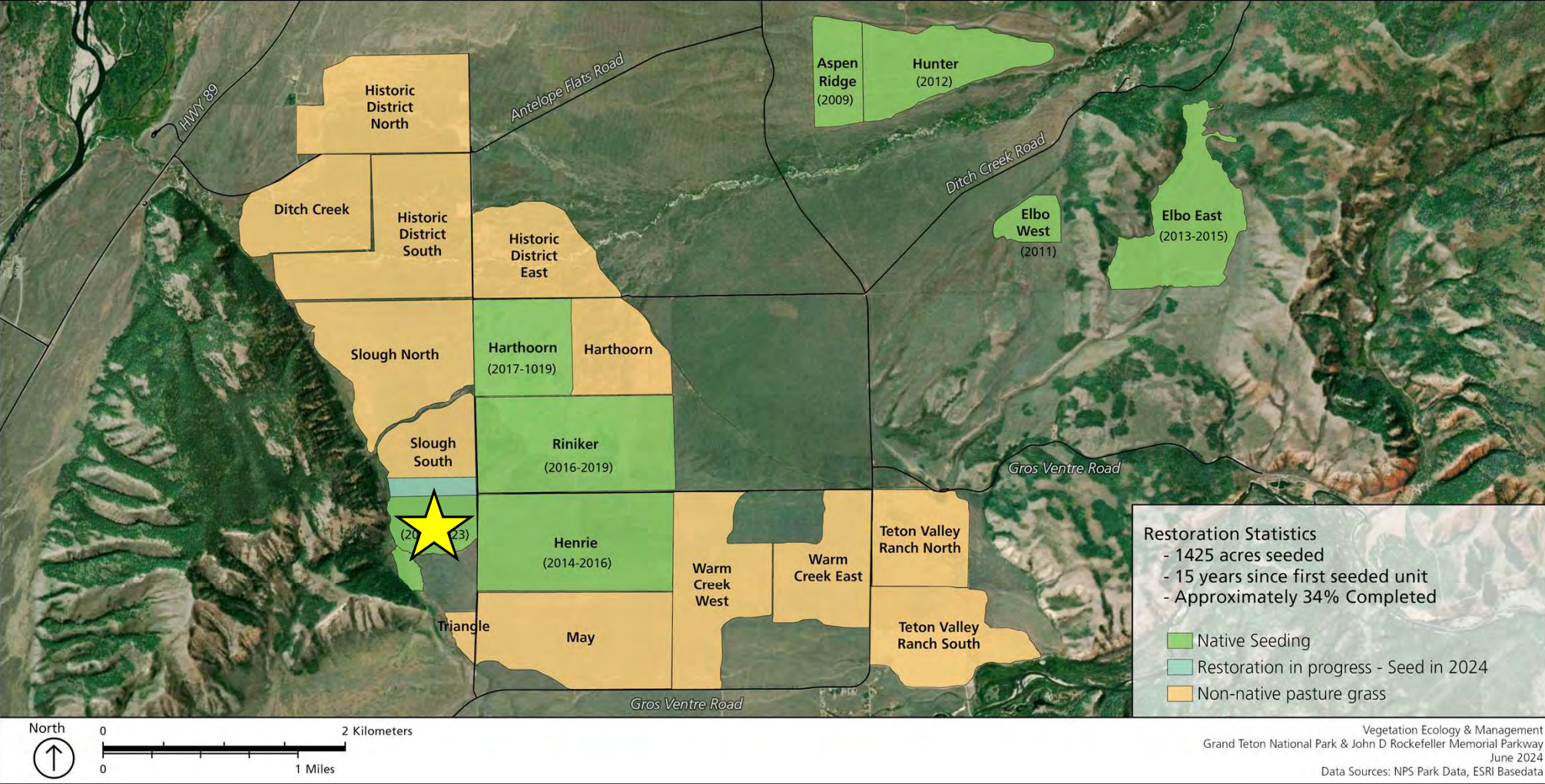
Antelope Flats Sagebrush Habitat Restoration
Status of Restoration Units

Intermountain Region
National Park Service
U.S. Department of the Interior



Antelope Flats Sagebrush Habitat Restoration
Status of Restoration Units

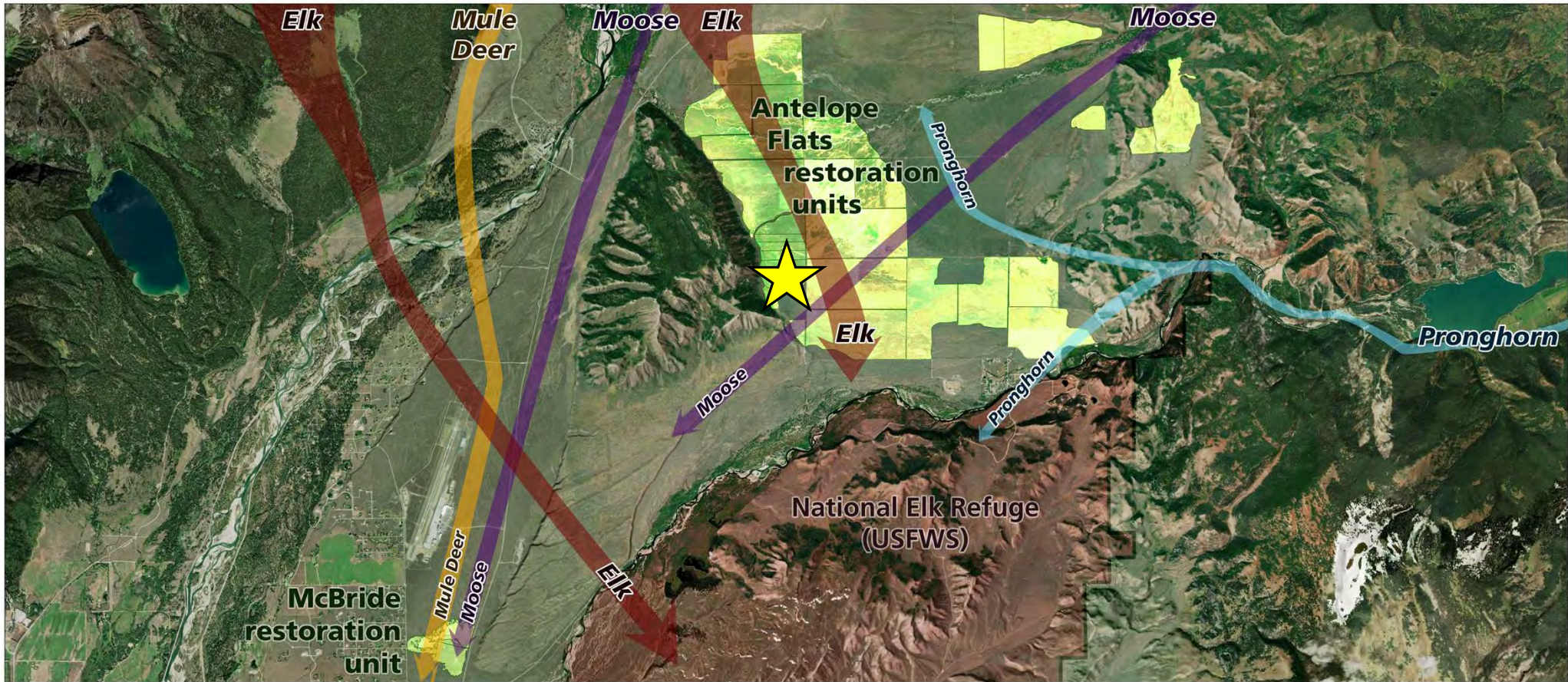
Intermountain Region
National Park Service
U.S. Department of the Interior



Sagebrush Restoration at Grand Teton National Park

Intersections with major ungulate migration corridors

Intermountain Region
National Park Service
U.S. Department of the Interior



0 1 2 3 4 5 Kilometers
0 0.5 1 1.5 2 2.5 3 Miles

Grand Teton National Park & John D Rockefeller Memorial Parkway
Vegetation & Ecology Management Program
June 2024

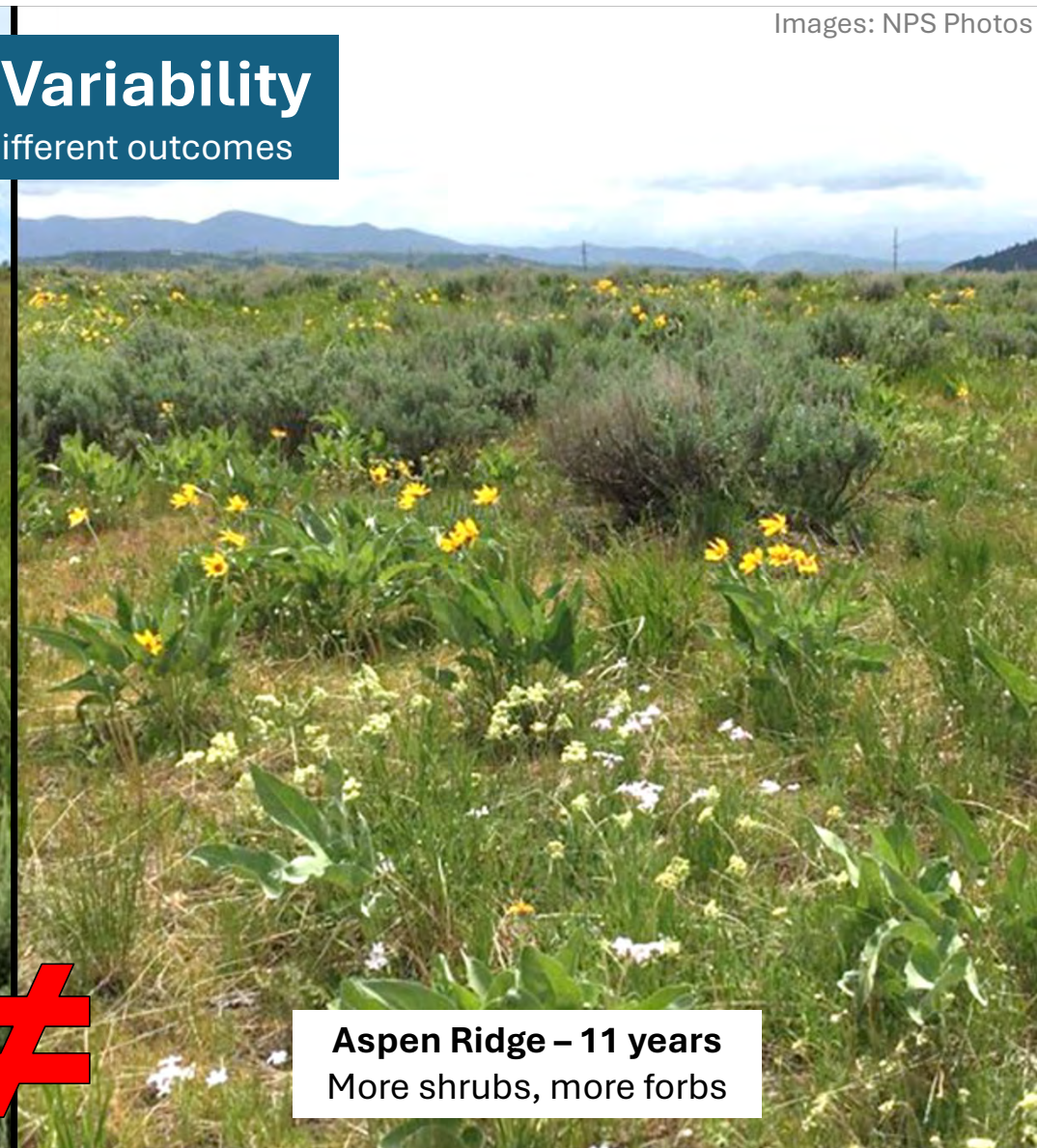
Data Sources: Regan Lyons (ungulate data) via databasin.org, NPS Park Data, ESRI Basedata

Success Variability

Two sites, two different outcomes



Elbo West – 9 Years
Few shrubs, many grasses



Aspen Ridge – 11 years
More shrubs, more forbs

QUESTIONS

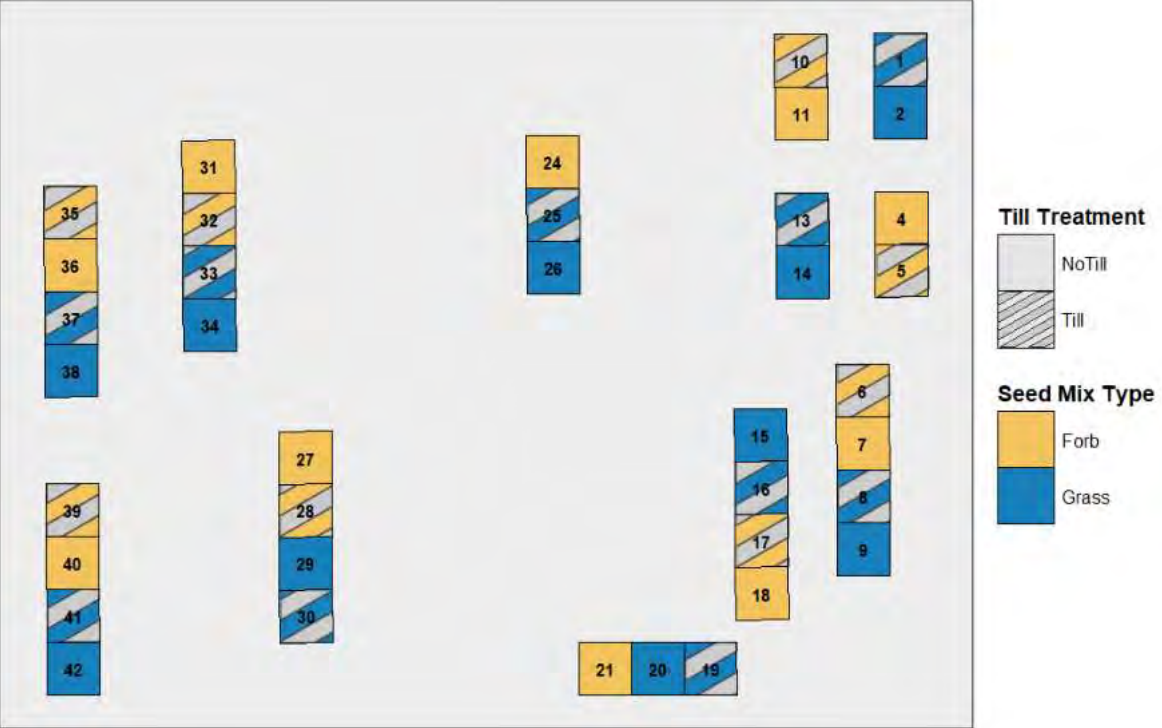
1) How does tillage/seed mix design affect species diversity and composition?

2) How does tillage/seed mix design affect shrub (sagebrush and bitterbrush) establishment and growth?

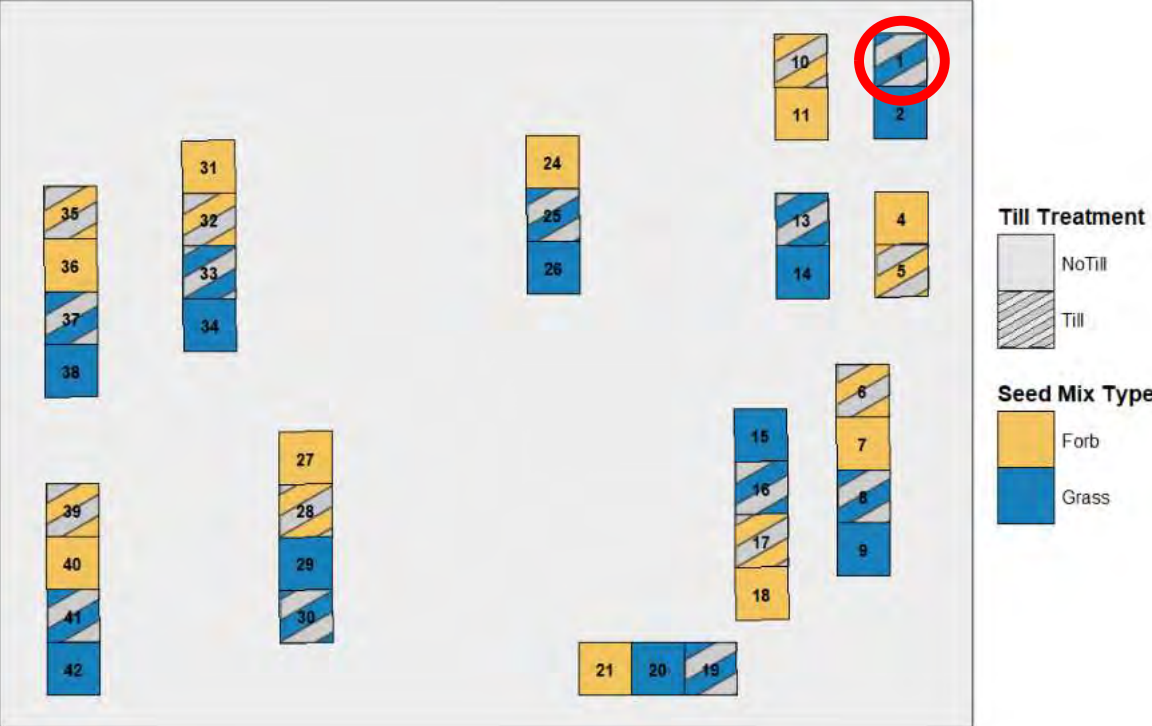


Images: A.M. Beeman; Ben Legler

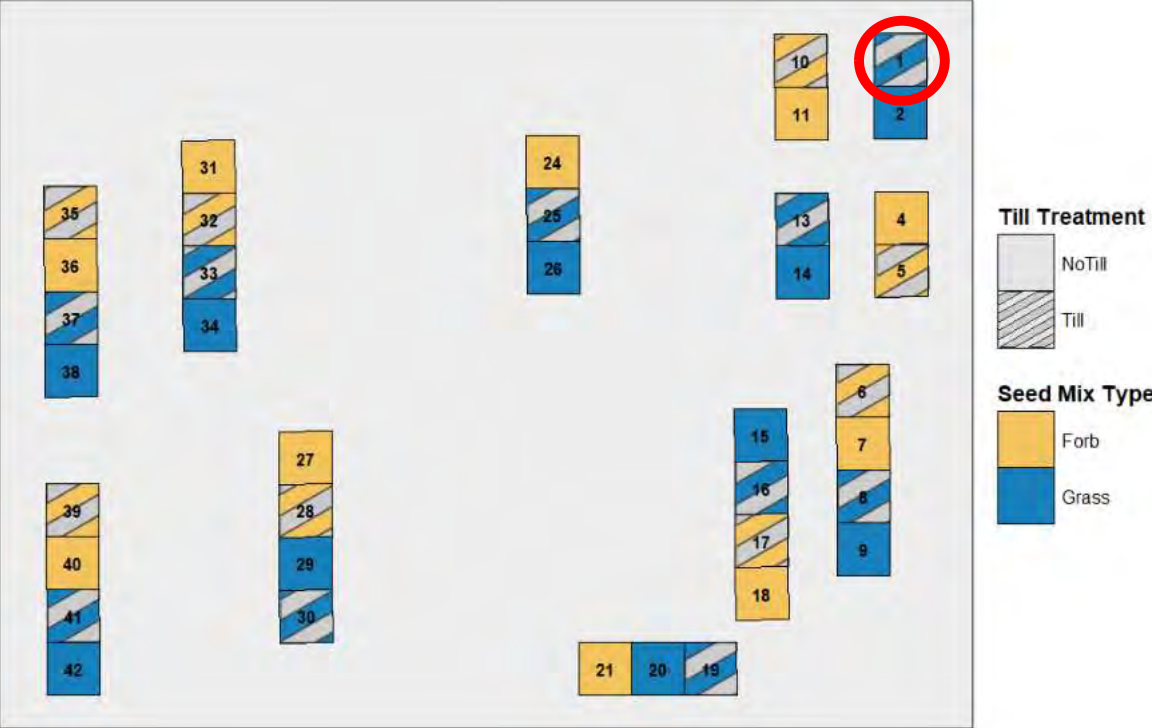
Slough South Experimental Plots



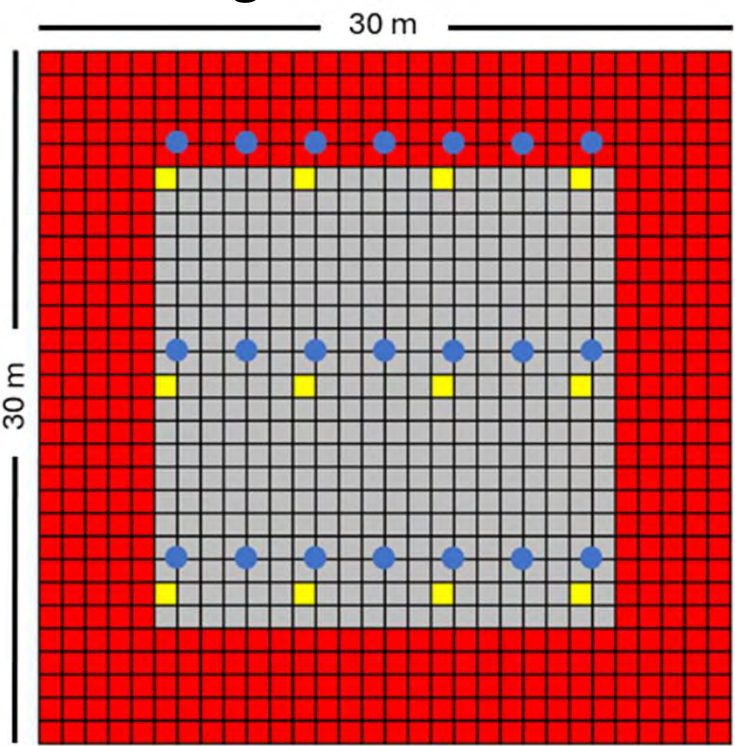
Slough South Experimental Plots



Slough South Experimental Plots



Plot Design



Hypotheses

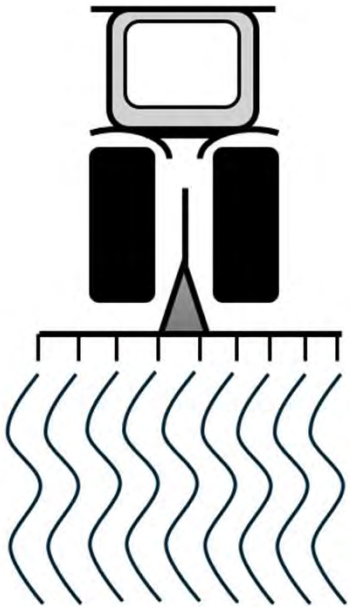


Tilling

Create valuable micro-sites for native plant establishment

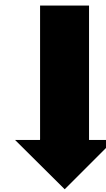


- Increased native plant diversity.
- Increased shrub establishment.



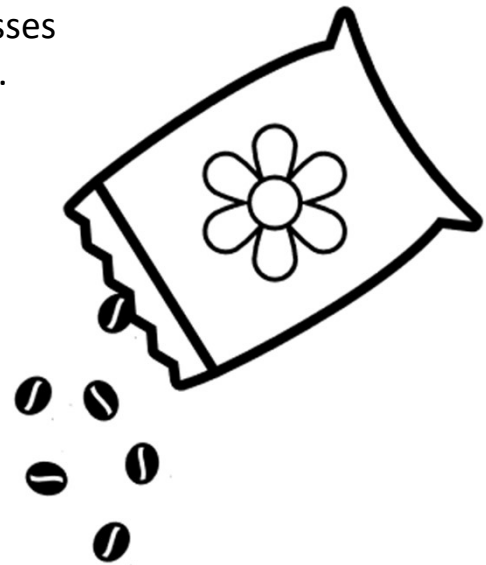
Forb-dominant Seed Mix

Strong competition from grasses has been an issue in the past.



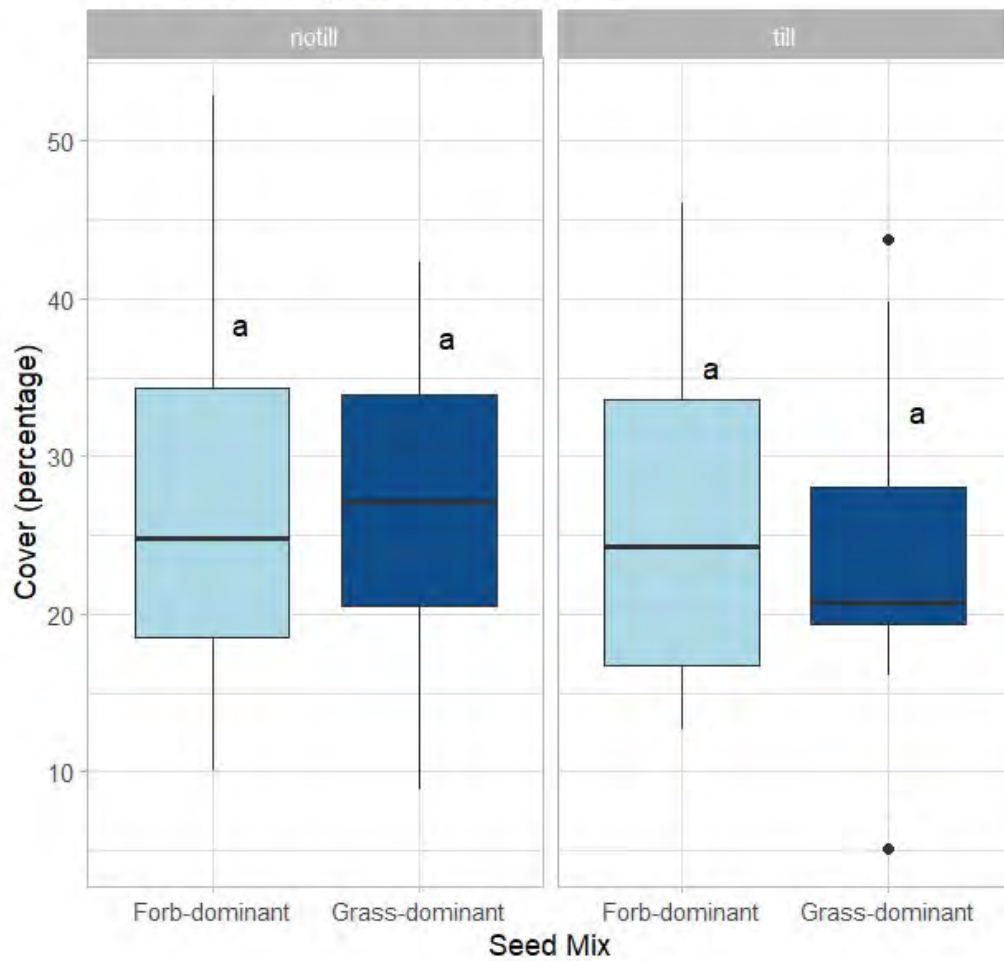
Forb-dominant seed mixes more likely too...

- Increase native plant diversity.
- Increase shrub establishment.



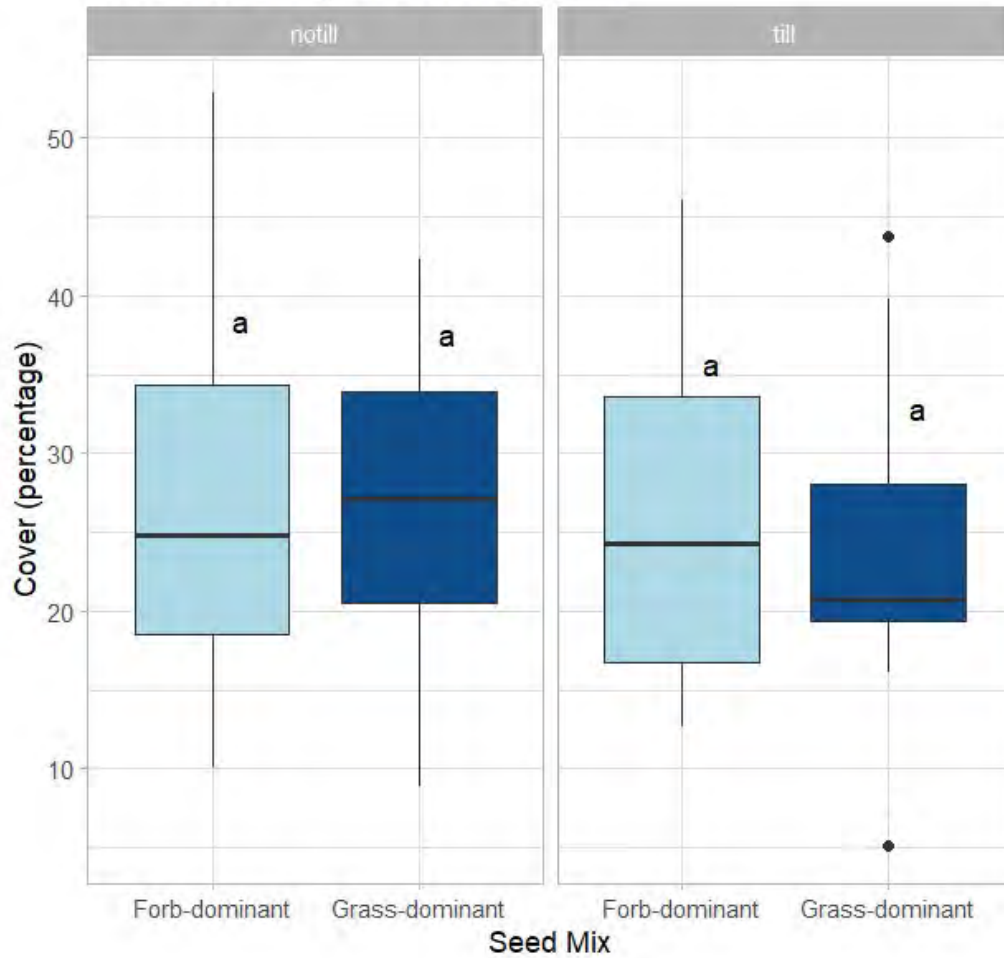
NATIVE vs NONNATIVE COVER

Percent native plant cover per plot

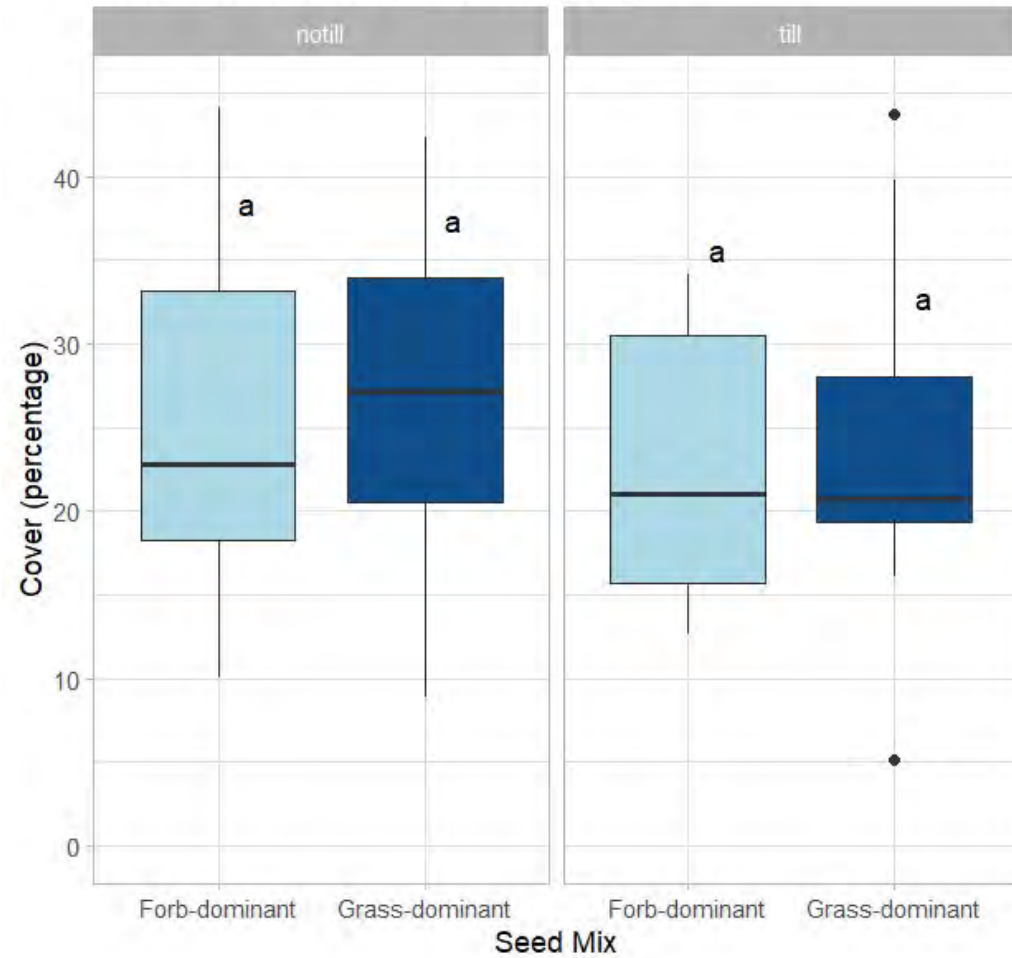


NATIVE vs NONNATIVE COVER

Percent native plant cover per plot

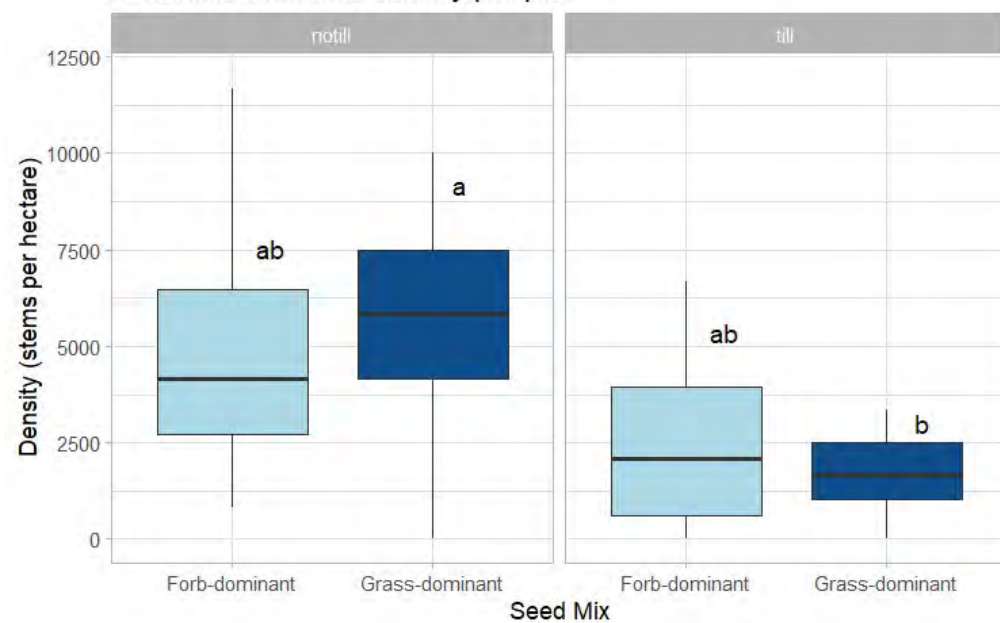


Percent nonnative plant cover per plot



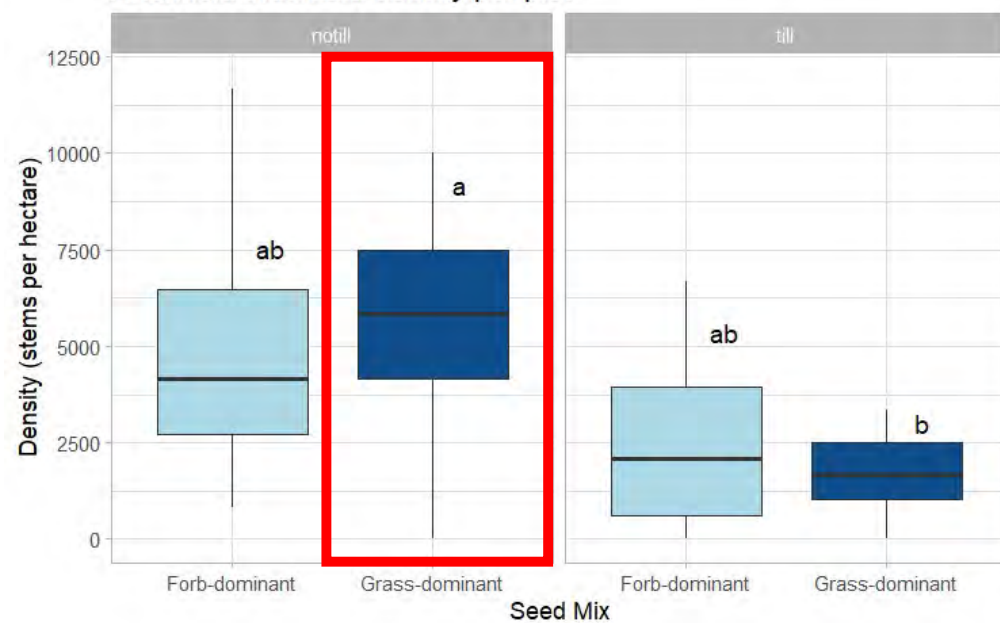
SHRUB GROWTH/ESTABLISHMENT

Artemisia tridentata density per plot



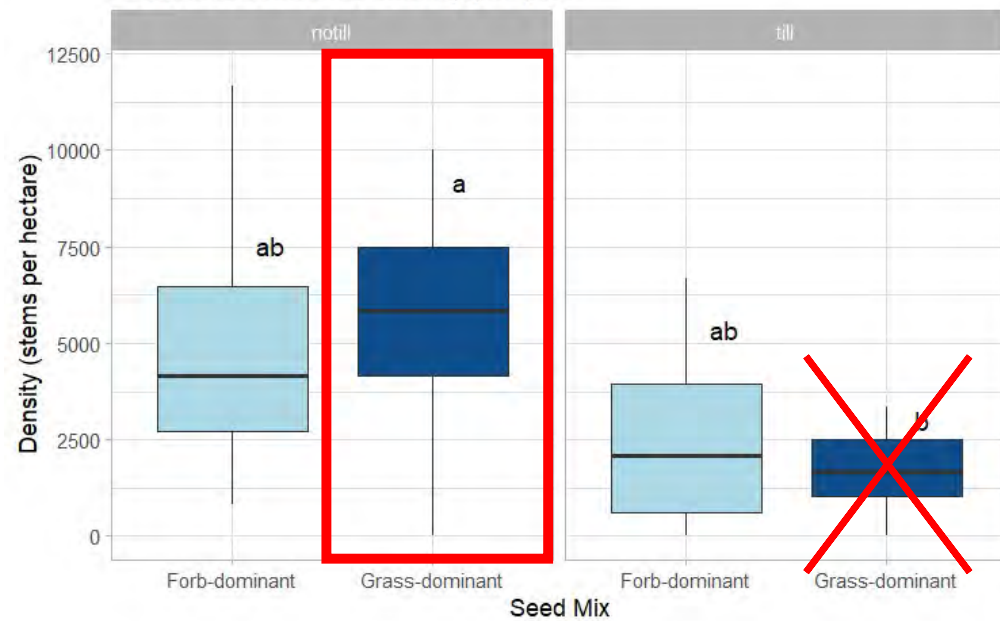
SHRUB GROWTH/ESTABLISHMENT

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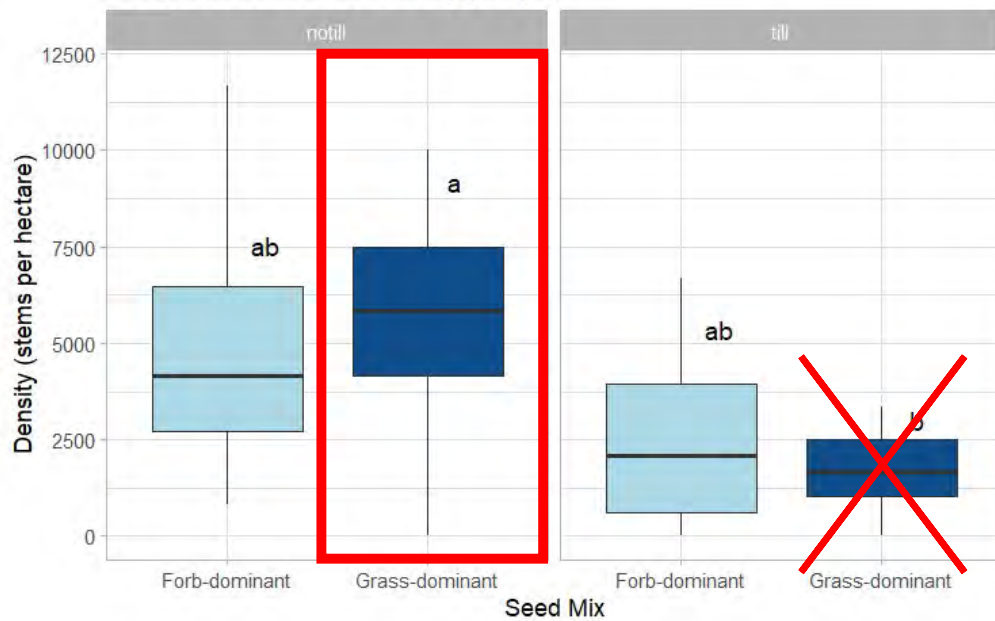
SHRUB GROWTH/ESTABLISHMENT

Artemisia tridentata density per plot

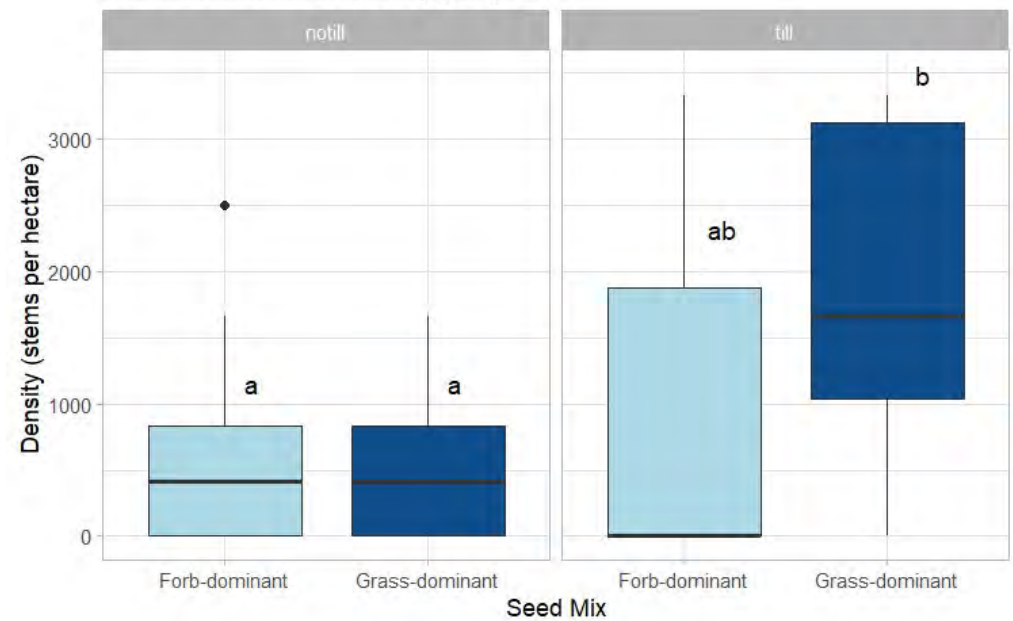


SHRUB GROWTH/ESTABLISHMENT

Artemisia tridentata density per plot

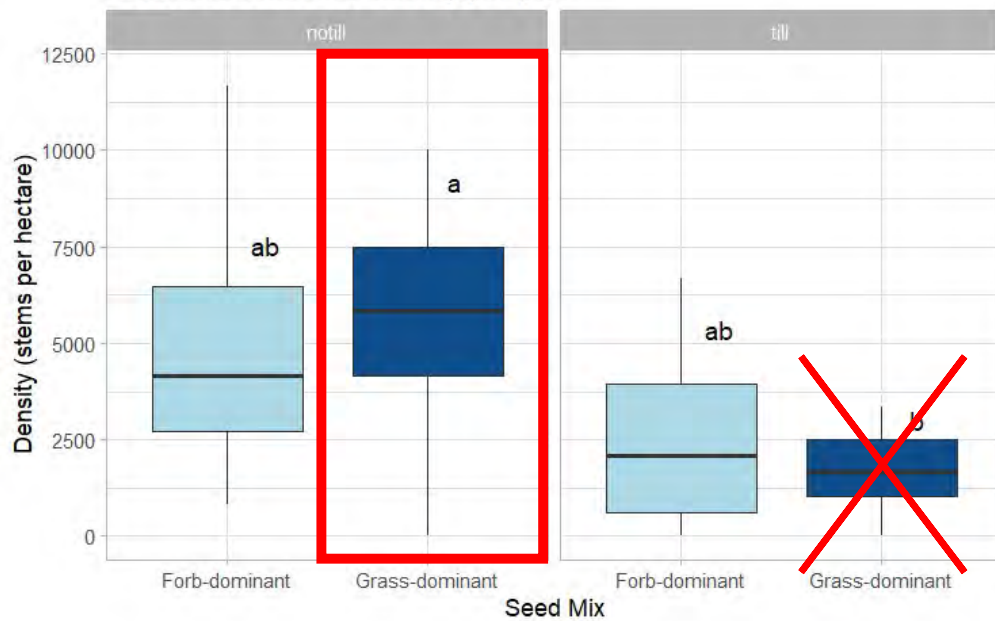


Purshia tridentata density per plot

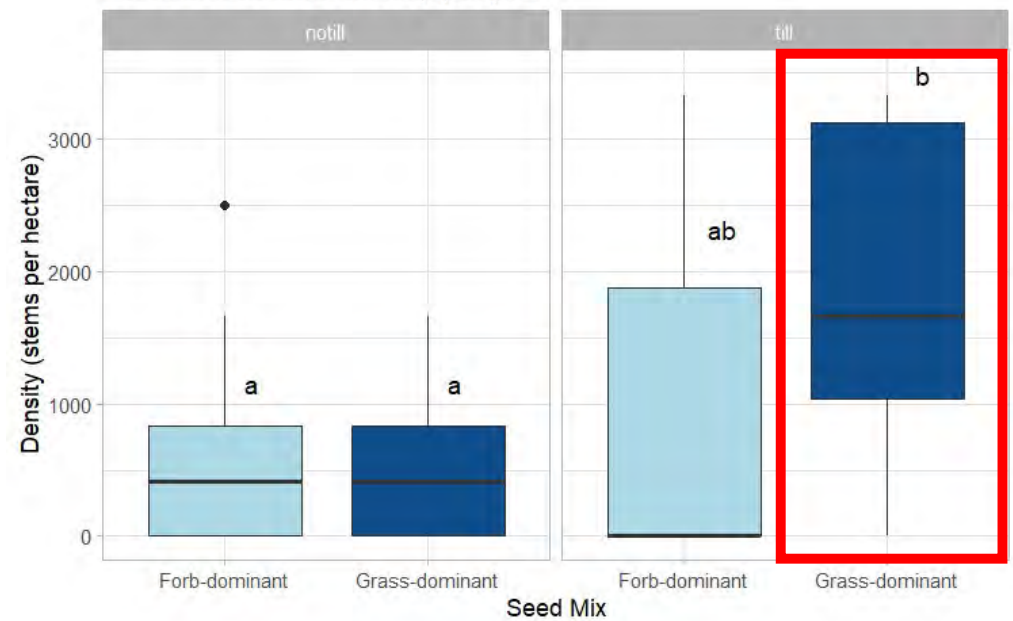


SHRUB GROWTH/ESTABLISHMENT

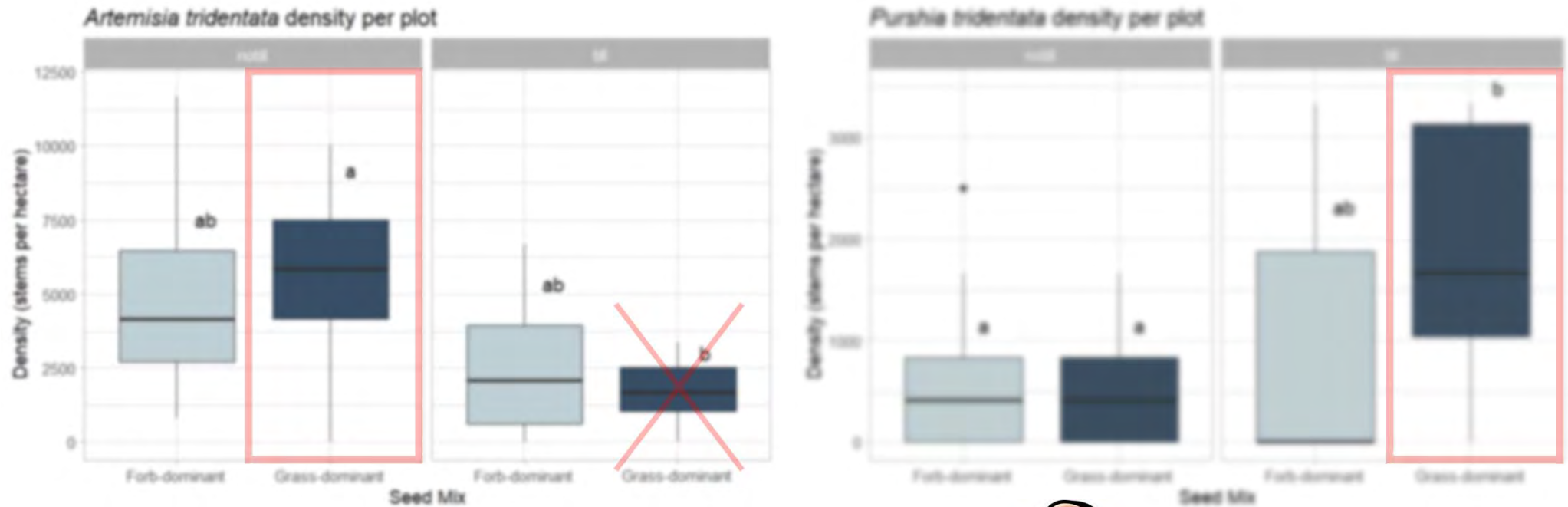
Artemisia tridentata density per plot



Purshia tridentata density per plot



SHRUB GROWTH/ESTABLISHMENT



TO TILL, OR **NOT** TO TILL?
THAT IS THE QUESTION!



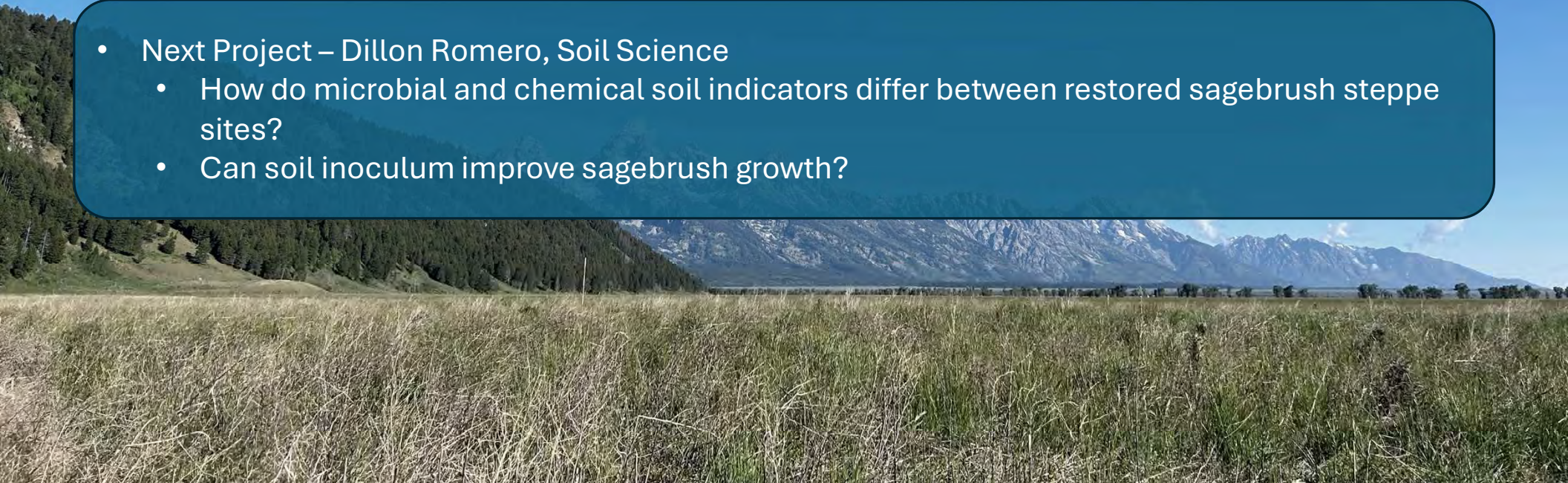
NEXT STEPS

- Analyses
 - Multivariate analyses → species composition
 - What's going on with these shrubs?!



NEXT STEPS

- Analyses
 - Multivariate analyses → species composition
 - What's going on with these shrubs?!
- Next Project – Dillon Romero, Soil Science
 - How do microbial and chemical soil indicators differ between restored sagebrush steppe sites?
 - Can soil inoculum improve sagebrush growth?



Thank you!

contact: abeeman@uwyo.edu

Grand Teton National Park

Laura Jones
Erik Kramer
Molly Murphy
Jasmine Cutter
Nate Dant
Seasonals and interns
ACE and WCC Conservation Corps

AMK Ranch

Hilary Rollins
Bonnie Robinson
Sarah Collins

Field Technicians

Dillon Romero
Skyler Meinholz

Laughlin Laboratory, UW

Daniel C. Laughlin
Sienna Wessel
Hailey Mount
David Atkins

Funding

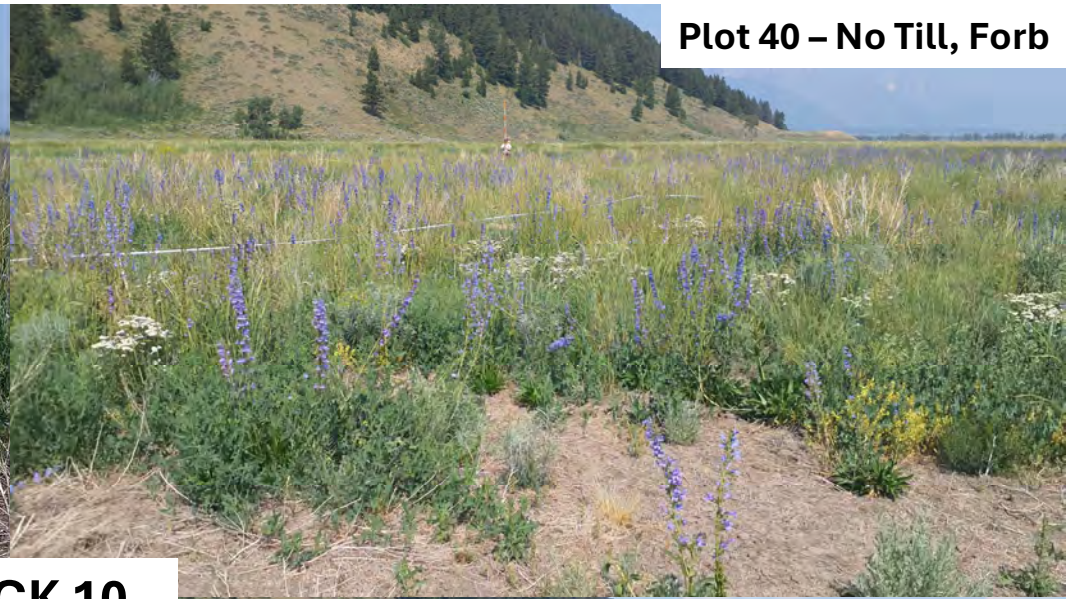
National Park Service
Wyoming Native Plant Society
UW-NPS Small Grant Program



Plot 39 – Till, Forb



Plot 40 – No Till, Forb



BLOCK 10

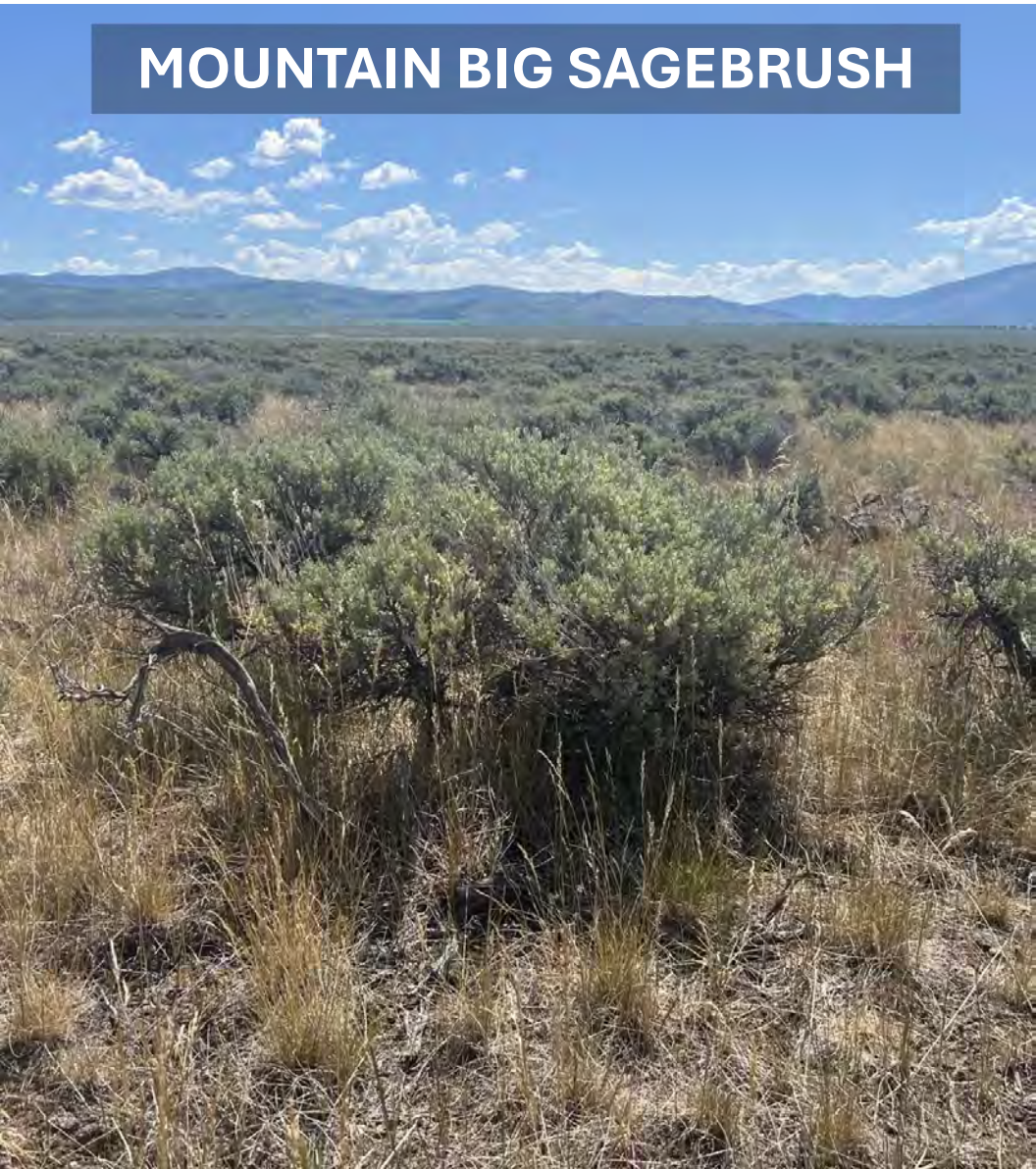
Plot 41 – Till, Grass



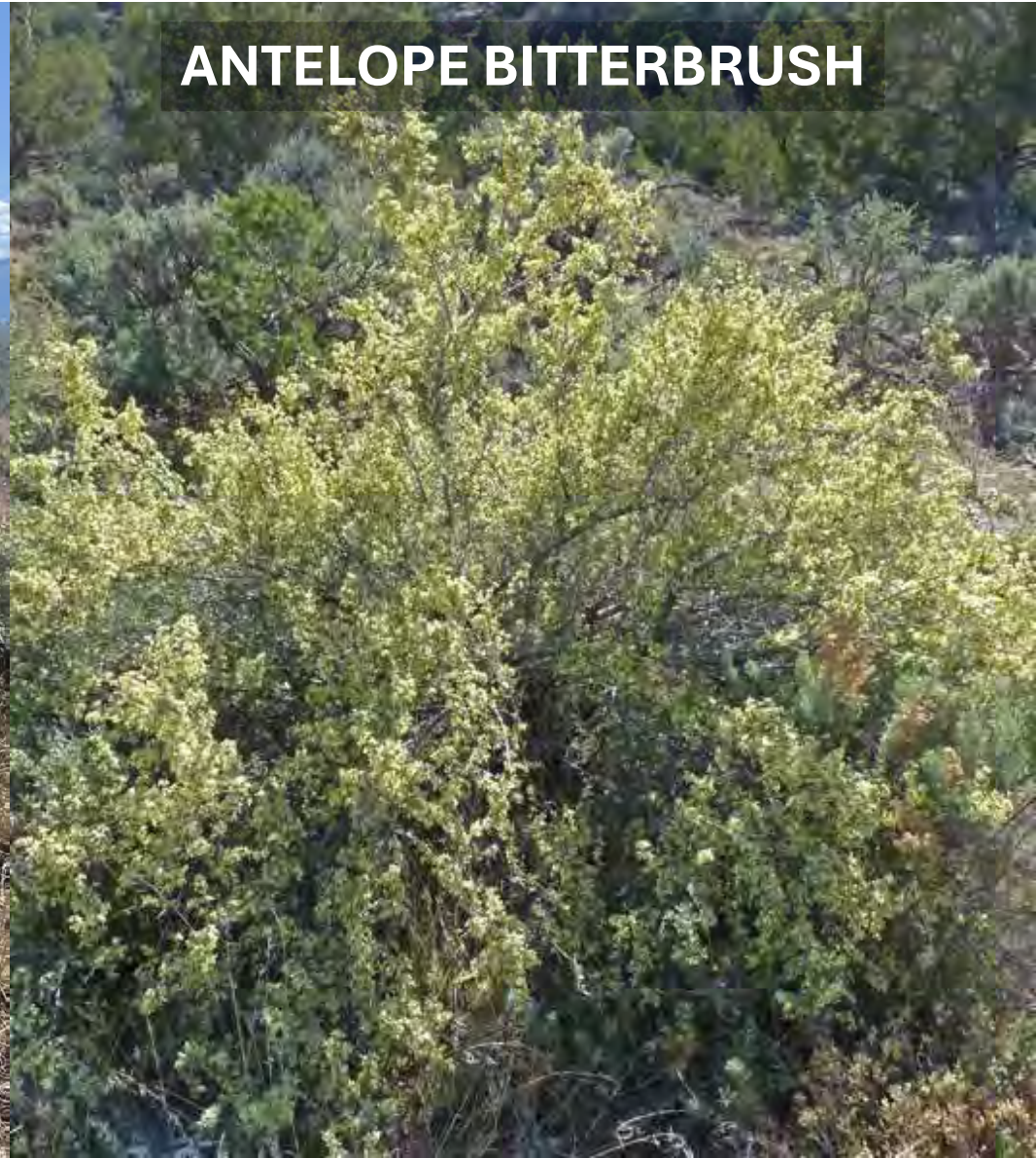
Plot 42 – No Till, Grass



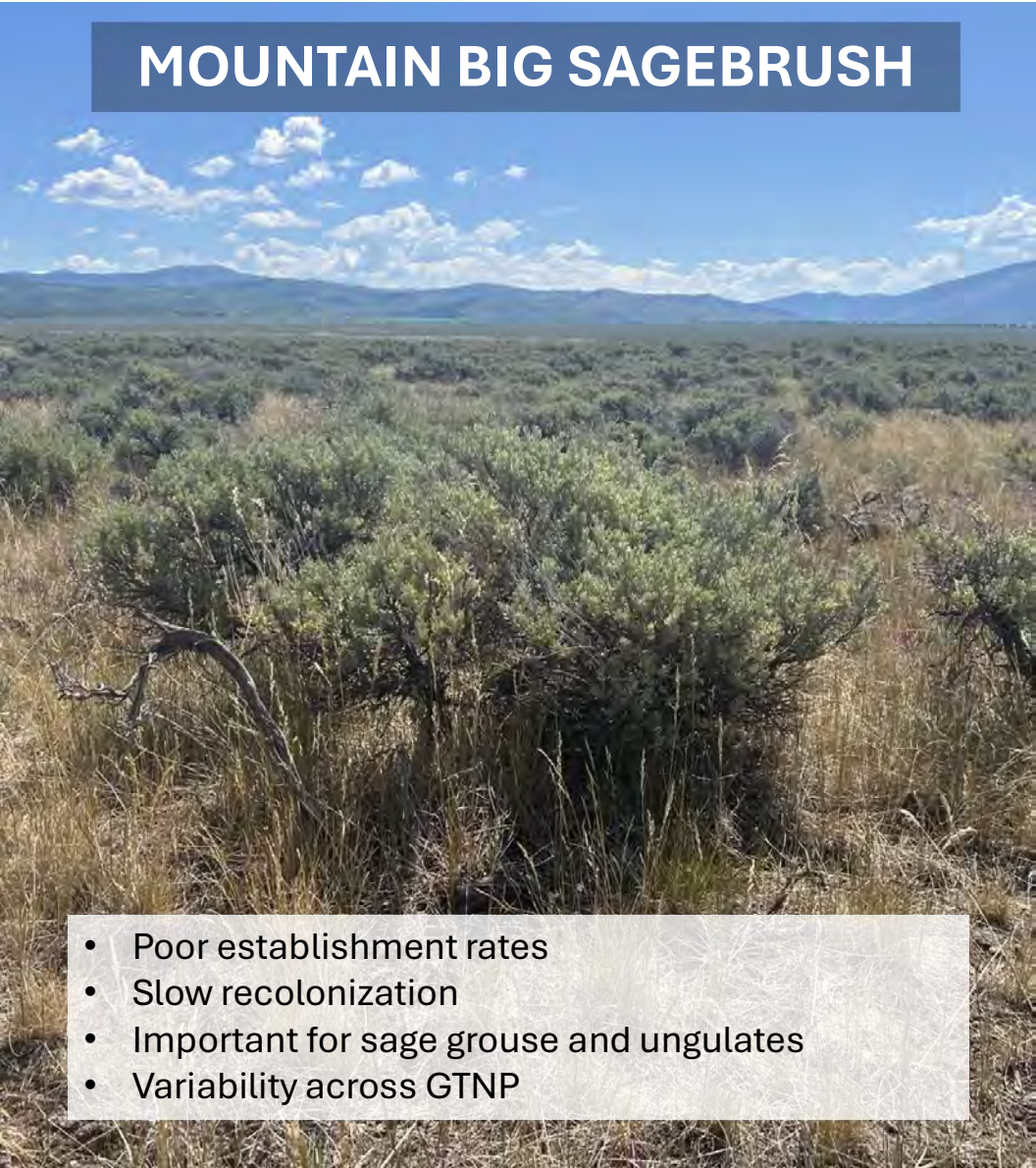
MOUNTAIN BIG SAGEBRUSH



ANTELOPE BITTERBRUSH

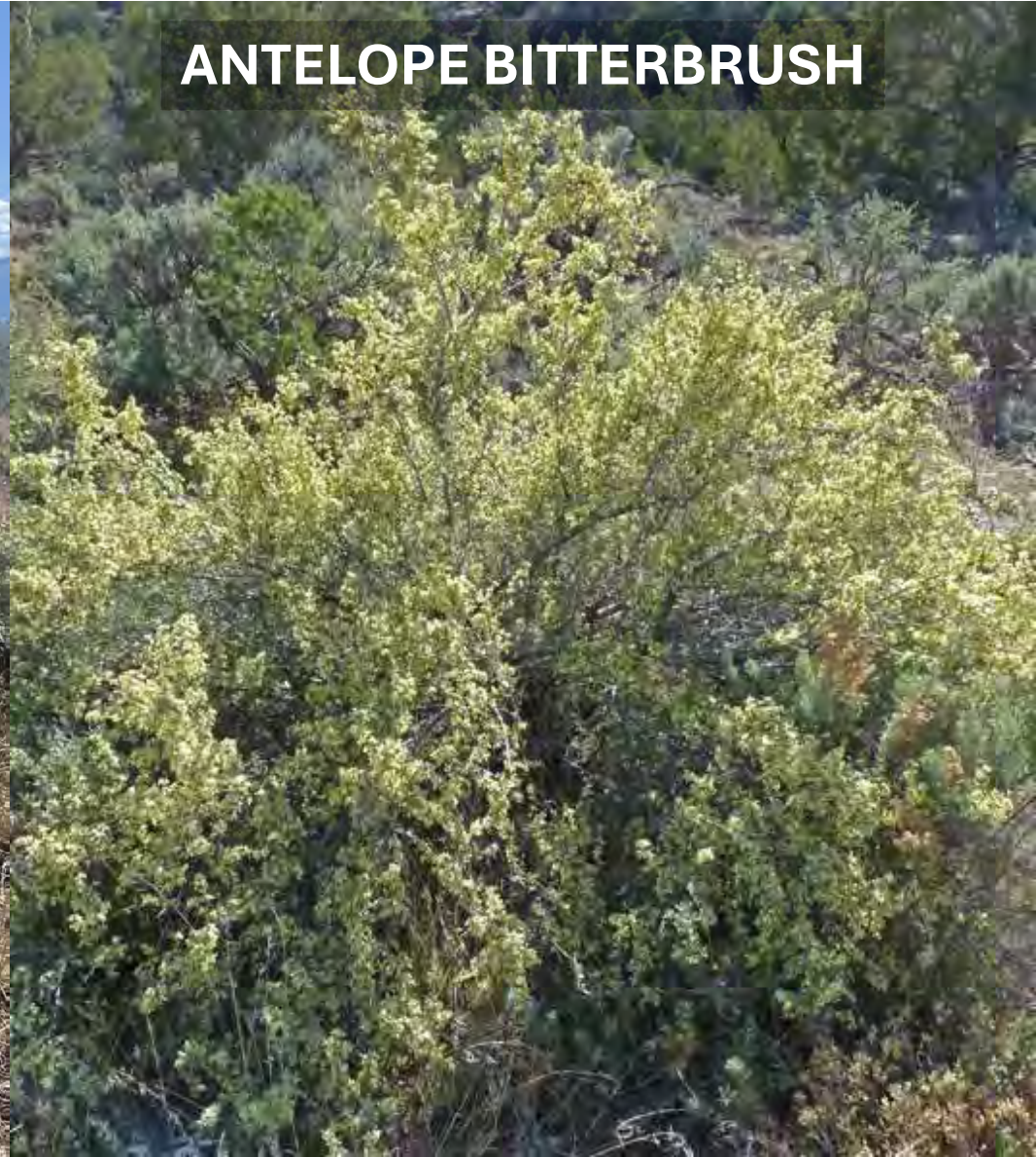


MOUNTAIN BIG SAGEBRUSH

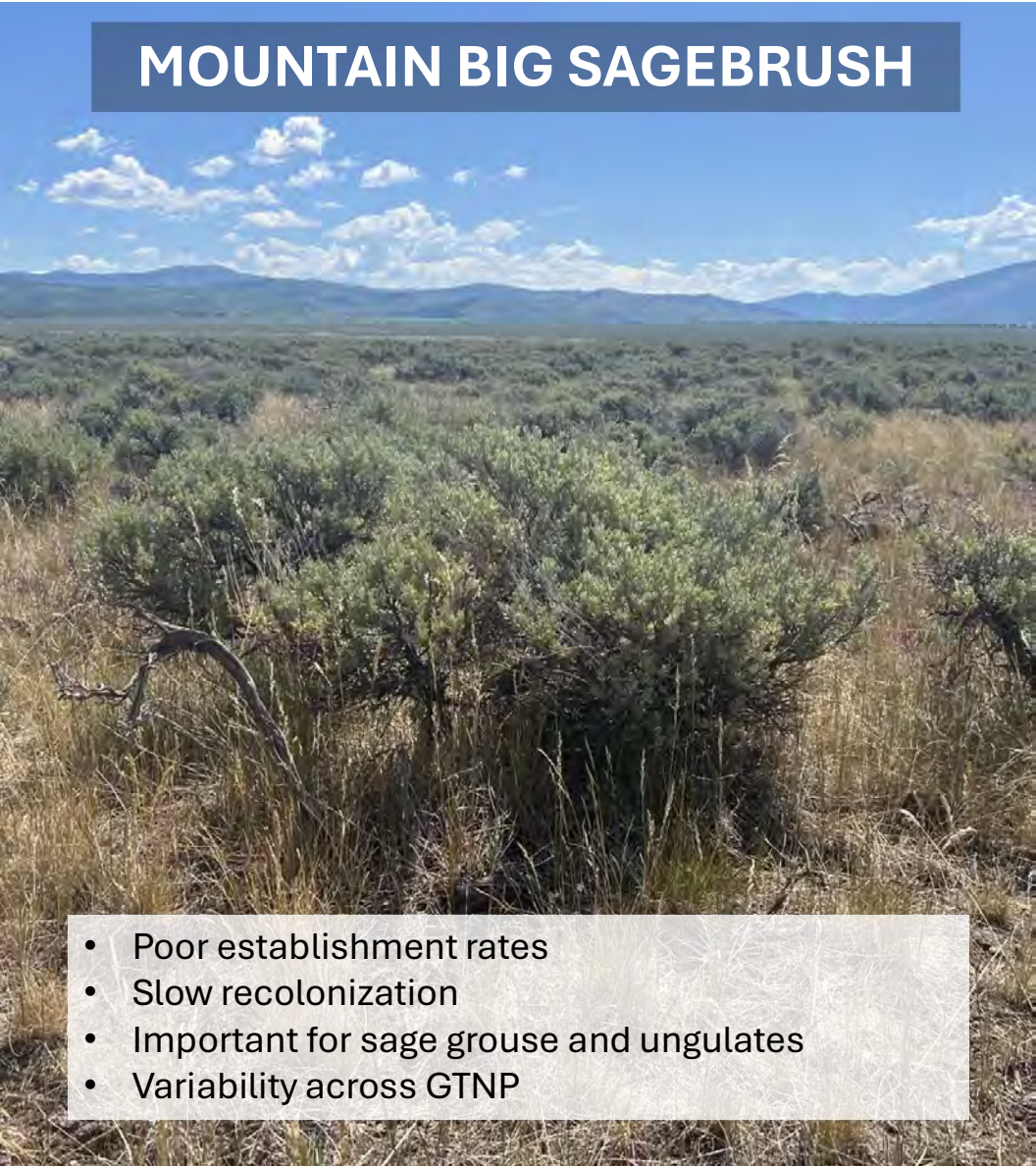


- Poor establishment rates
- Slow recolonization
- Important for sage grouse and ungulates
- Variability across GTNP

ANTELOPE BITTERBRUSH

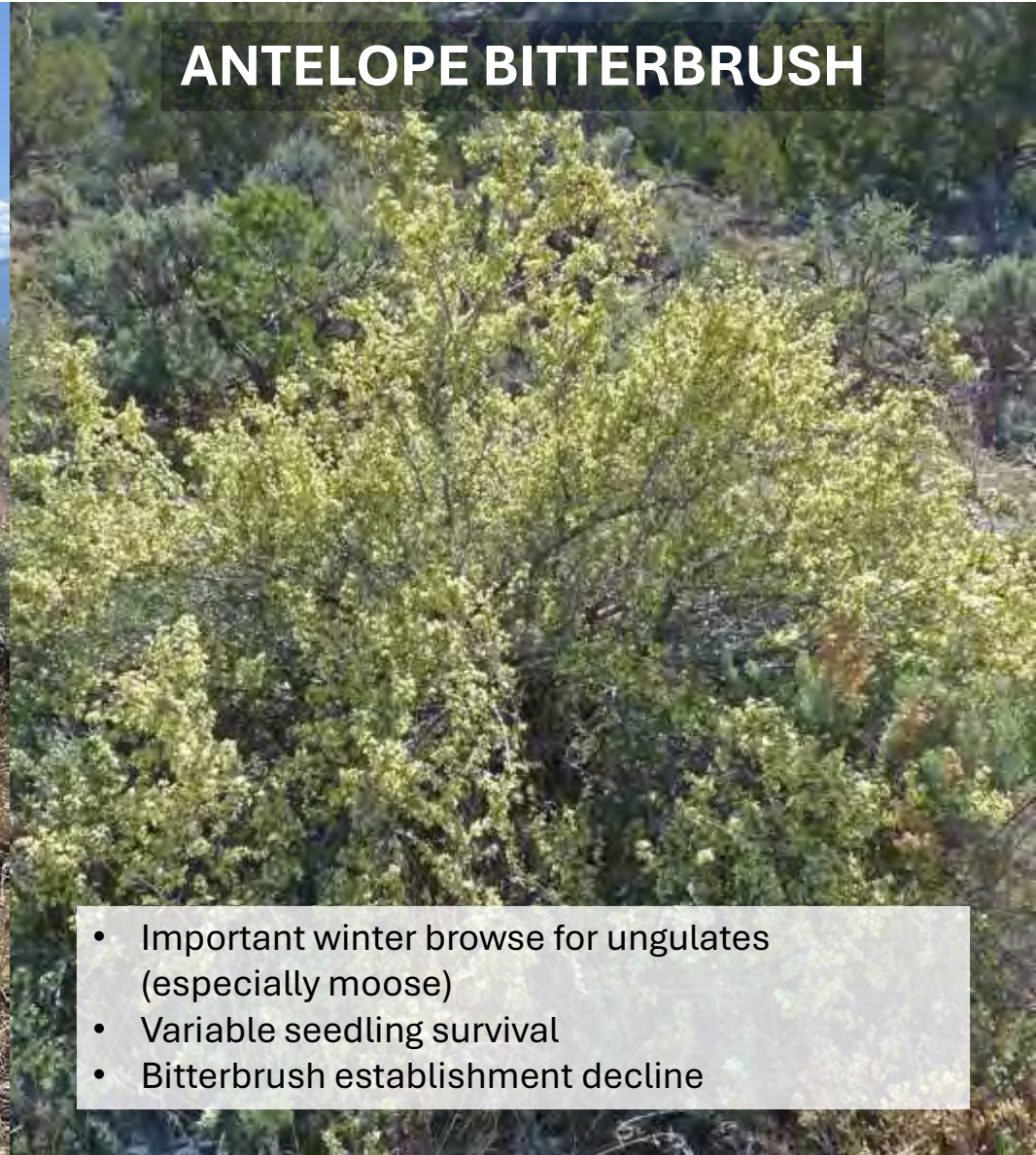


MOUNTAIN BIG SAGEBRUSH



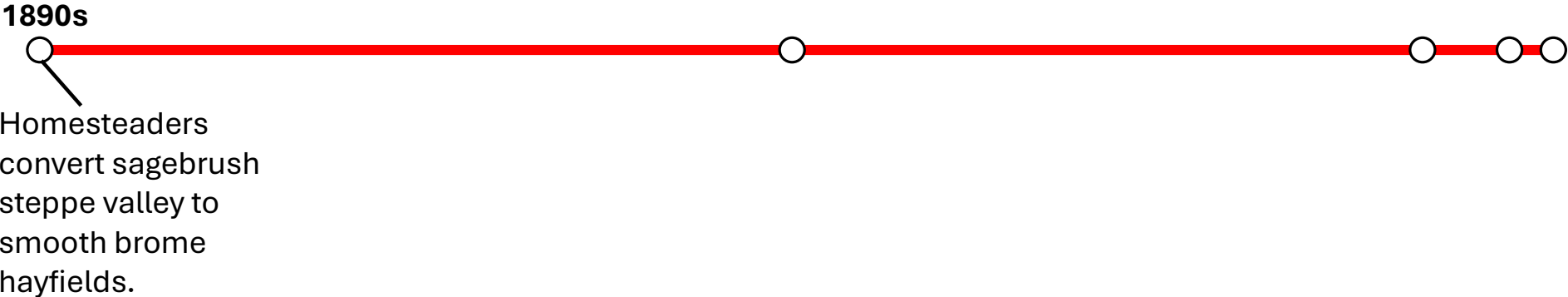
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ANTELOPE BITTERBRUSH

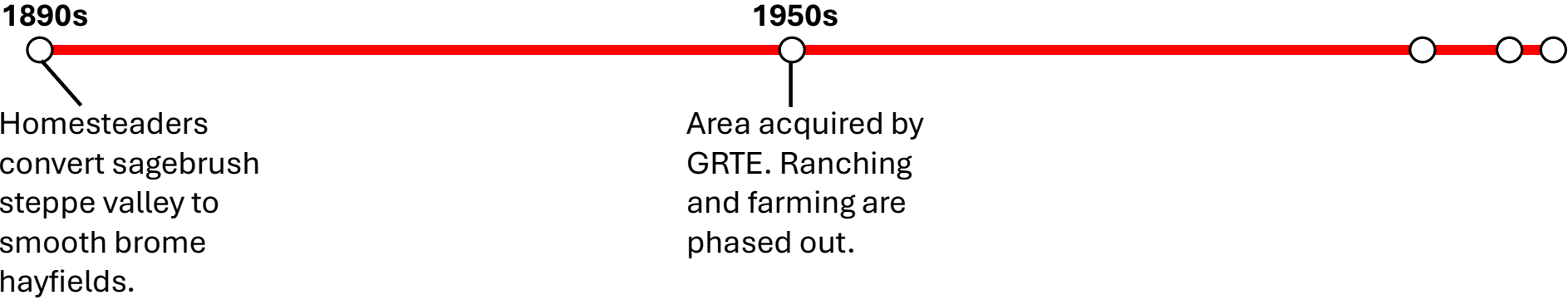


- Important winter browse for ungulates (especially moose)
- Variable seedling survival
- Bitterbrush establishment decline

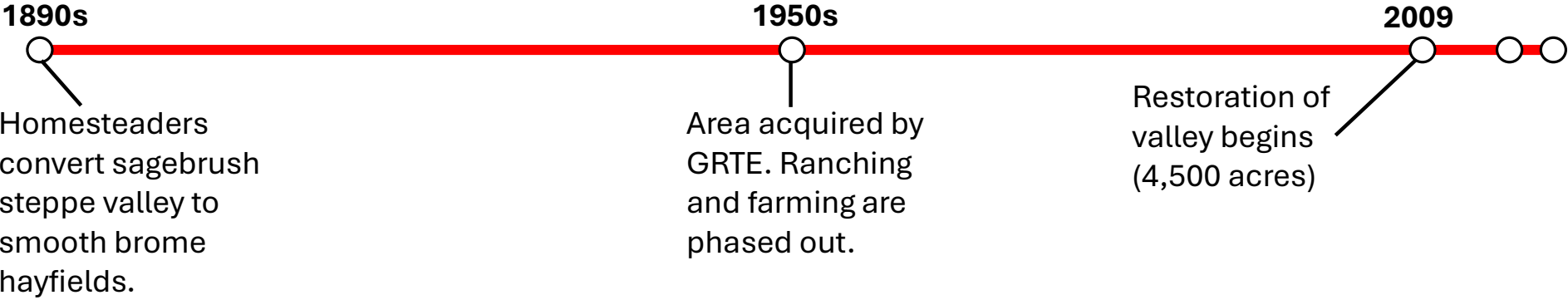
Historic Fire Records, GRTE-00552, Photographer LM Moe



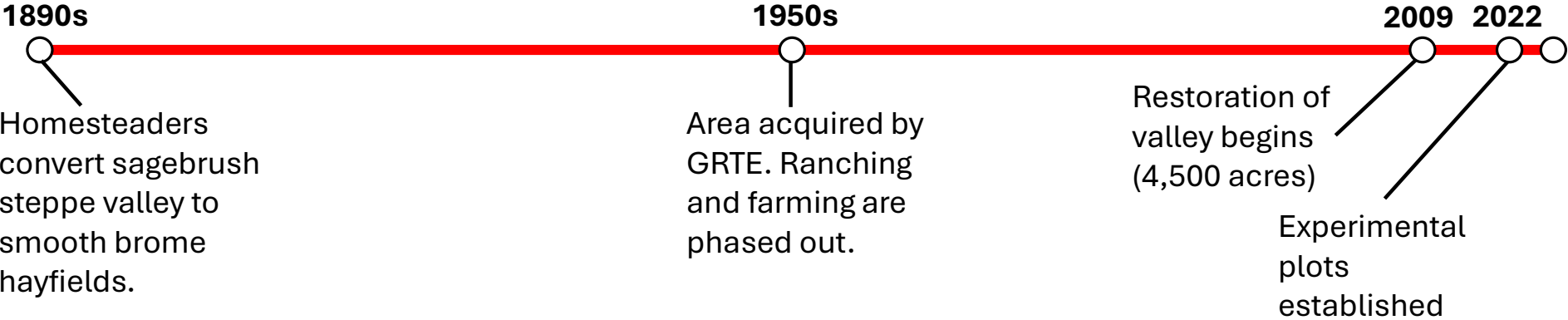
Historic Fire Records, GRTE-00552, Photographer LM Moe



Historic Fire Records, GRTE-00552, Photographer LM Moe



Historic Fire Records, GRTE-00552, Photographer LM Moe



Historic Fire Records, GRTE-00552, Photographer LM Moe



1890s

Homesteaders convert sagebrush steppe valley to smooth brome hayfields.

1950s

Area acquired by GRTE. Ranching and farming are phased out.

2009 2022 2024

Restoration of valley begins (4,500 acres)

Experimental plots established

Data collection two years post-seeding

Angler Preference Under Alternative Climate Scenarios in Northwestern Wyoming

PATRICK HOFSTEDT

PHD STUDENT

HYDROLOGIC SCIENCE PROGRAM

Motivation

Recreation & Tourism in Wyoming

Angling

Snake River basin

WyACT (Wyoming Anticipating Climate Transitions)

Climate futures



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Methods

Angler Survey

- Choice experiment

- Important angling trip features

Survey Construction

- Focus groups

- Expert interviews

- Stakeholder involvement

Monetary Impact on Different Angler Groups



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- Important angling trip features

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Monetary Impact on Different Angler Groups



Survey Results

Survey Responses

Total: 771

Fished in Wyoming: 625

Fished in Teton County: 323

Survey Results

Survey Responses

Total: 771

Fished in Wyoming: 625

Fished in Teton County: 323

Characteristics

Non-Resident: 74.9%

Male: 84.9%

Age: 54.58 years

Household Income: \$242,014.52

Bachelors or Postgraduate Degree: 72.4%

Guided Trip: 19.4%

Angler Self-Rating: 3.45

Survey Results- Angler Groups

Group #1- Nature Lovers (56.1%)

Taking a trip close to home less important
Avoiding wildfire smoke more important
Avoiding anglers more important
Easy access to fishing spots less important
Less likely Wyoming residents

Group#2- Friendly Neighbors (43.9%)

Taking a trip close to home more important
Avoiding wildfire smoke less important
Avoiding anglers less important
Easy access to fishing spots much more important
More likely Wyoming residents

Survey Results-Expenditure and Trip Changes

Group #1- Nature Lovers

Trip Feature	% Change in Trips	Difference in Expenditures (US\$)
...with smoke and obscured views	-12.6%	-7,264,696.90
...without difficult access, fewer anglers	-11.2%	-6,457,508.35
...with fewer Yellowstone cutthroat trout, more brown and rainbow trout	-5.77%	-3,326,769.92
...with more fish	6.45%	3,718,832.94
...with fewer fish	-3.27%	-1,885,361.81

Group #2- Friendly Neighbors

Trip Feature	% Change in Trips	Difference in Expenditures (US\$)
...with smoke and obscured views	-3.23%	-1,164,381.76
...without difficult access, fewer anglers	0.46%	165,825.27
...with fewer Yellowstone cutthroat trout, more brown and rainbow trout	-2.26%	-814,706.74
...with more fish	3.74%	1,348,231.51
...with fewer fish	-2.10%	-757,028.387

Survey Results-Expenditure and Trip Changes

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Conclusions

Wildfire smoke is an important factor in angler decision making in general

Two angler groups: the “Nature Lovers” and the “Friendly Neighbors”

The “Nature Lovers” group (56.1%) will likely experience larger magnitude changes as area conditions change

Large difference in the importance of access and other anglers in the area between classes

A “Hot & Smoky” future is most likely to have the largest impact on the industry

Thank You!

Archaeological Survey of Ice Patches in Grand Teton National Park

Connor Ball

Introduction

- mountaineer
- archaeology in Alaska and Yellowstone NP
- UW Grand Teton Archaeology Project participant
- Applying to NSF Graduate Research Fellowship and UW PhD archaeology program





Overview

- Grand Teton Archaeology Project
- Ice patch Survey
- Research Questions
- 2024 Pilot Survey
- Future Field Work
- Planned Analyses

Grand Teton Archaeology Project

- Grand Teton NP 5-year Task Agreement to UW Anthropology (Haas)
- Assess Park's cultural resources (archaeological sites)
- Make recommendations for heritage preservation
- Advance research on human ecology and adaptability to mountain ecosystems





Ice Patch Survey

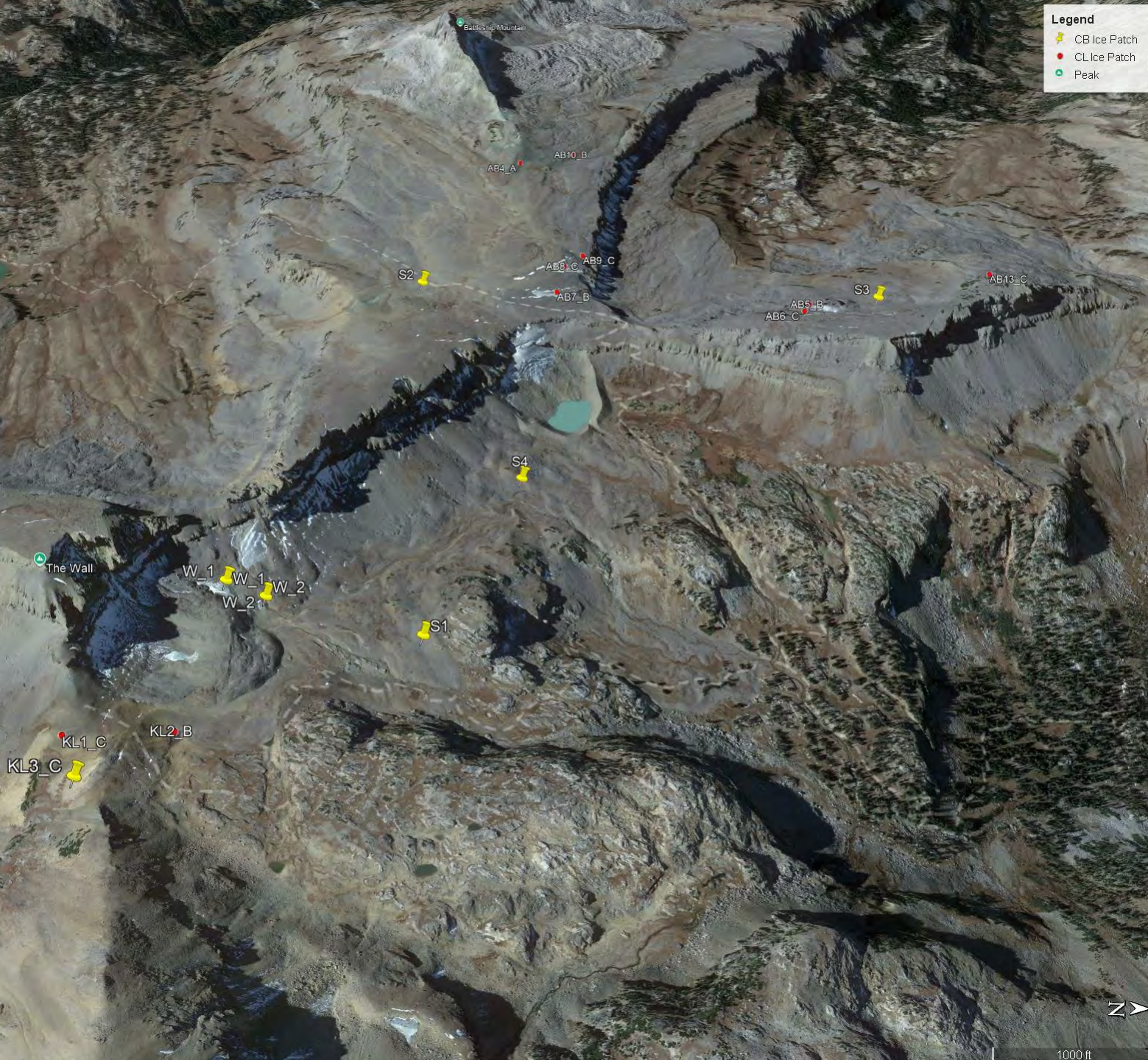
- Changing climate in alpine regions
- Many ice patches disappearing for first time in 1000s of years
- Ecosystem records: Biological materials to 6,000BP (Peterson 2024)
- Artifacts melting out and rapidly decaying

Research Questions

- How was the Grand Teton alpine ecosystem similar or different from today?
- To what extent did humans use Grand Teton's alpine landscape and what resources did they pursue?



atlatl dart discovered melting from Yukon ice patch (Thomas et al. 2023)



2024 Pilot Survey

- Satellite imagery systematically surveyed to identify ice patches
- 11 ice patches and 175 acres surveyed on foot
- 39 palaeobiological specimens collected
- Project team meetings



Future fieldwork

- 47 remaining ice patches
- Systematic pedestrian survey of alpine environments
- Recording plant and animal resource densities
- National Parks Service and Tribal Collaboration
- Forager Archaeology Lab

Material Analysis

- Radiocarbon dating
- Speciation
- Lipid residue analysis
- Ancient DNA analysis
- Isotope analysis



Thanks!
Questions?



11/20/2024



Red squirrels as ecosystem engineers and drivers of biodiversity at AMK Ranch

Lauren Wetterau

lwettera@uwyo.edu



Effects of red squirrel middens on biodiversity and species occupancy in the Greater Yellowstone Ecosystem

My research



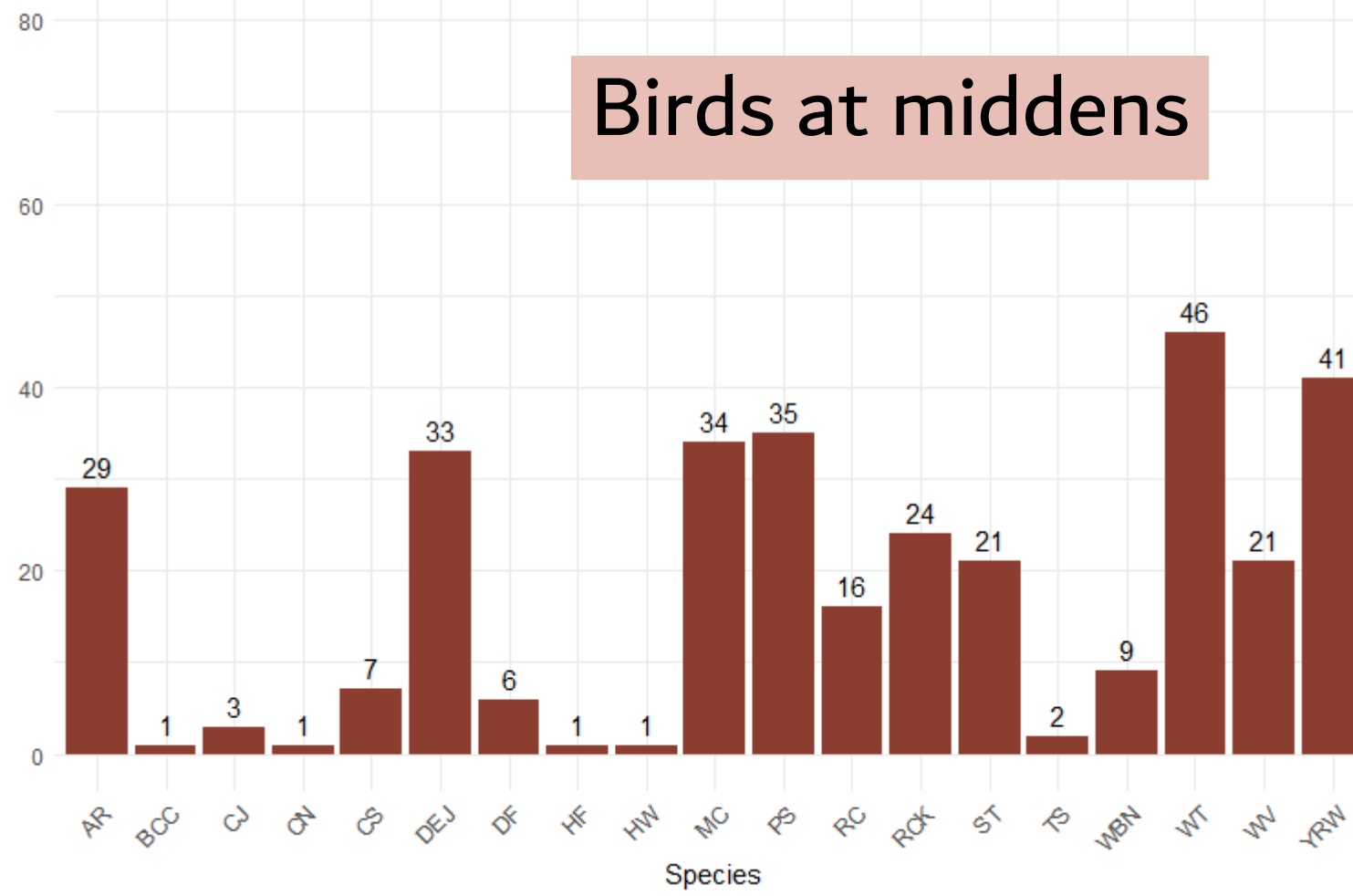
Middens



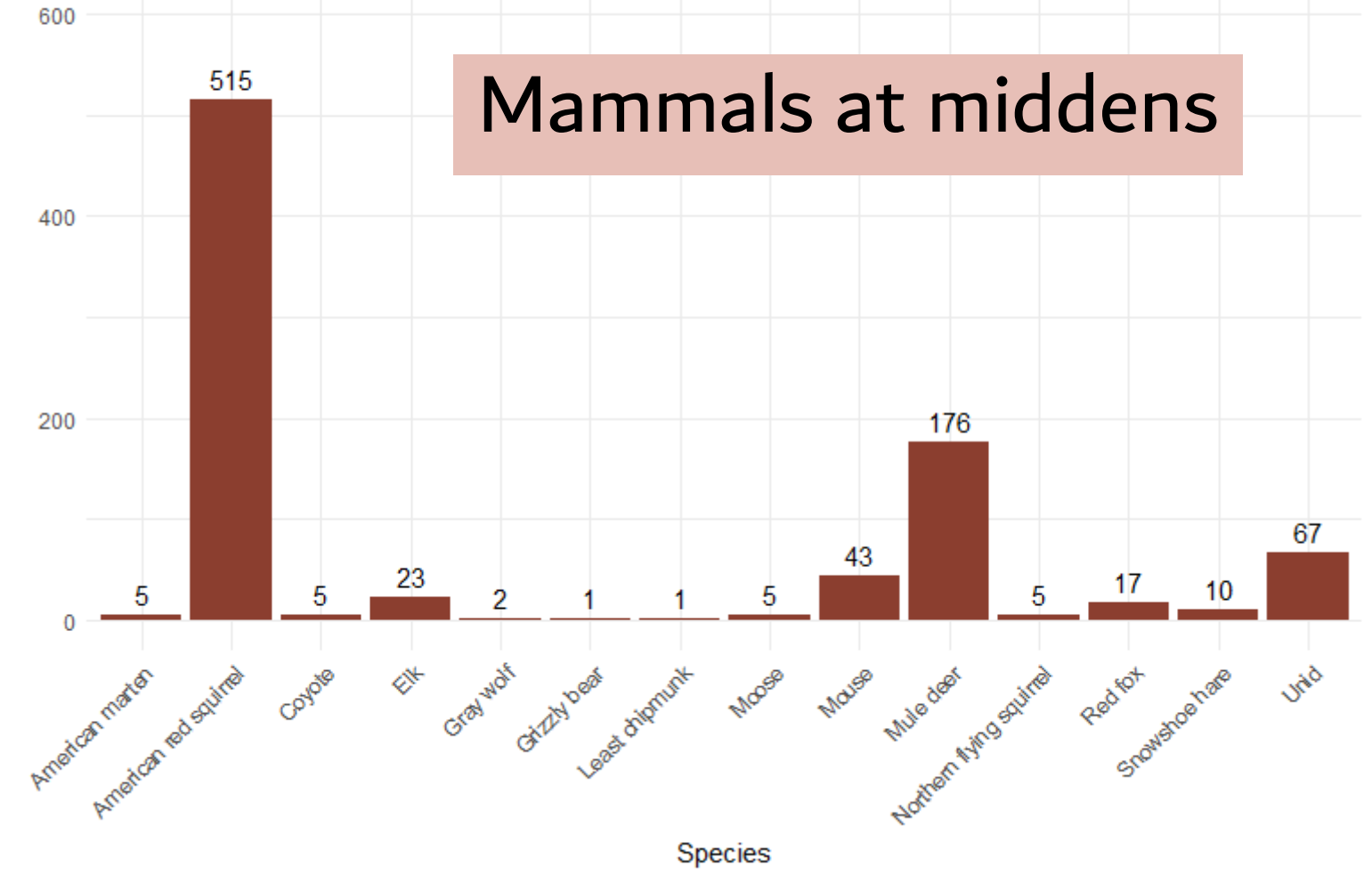




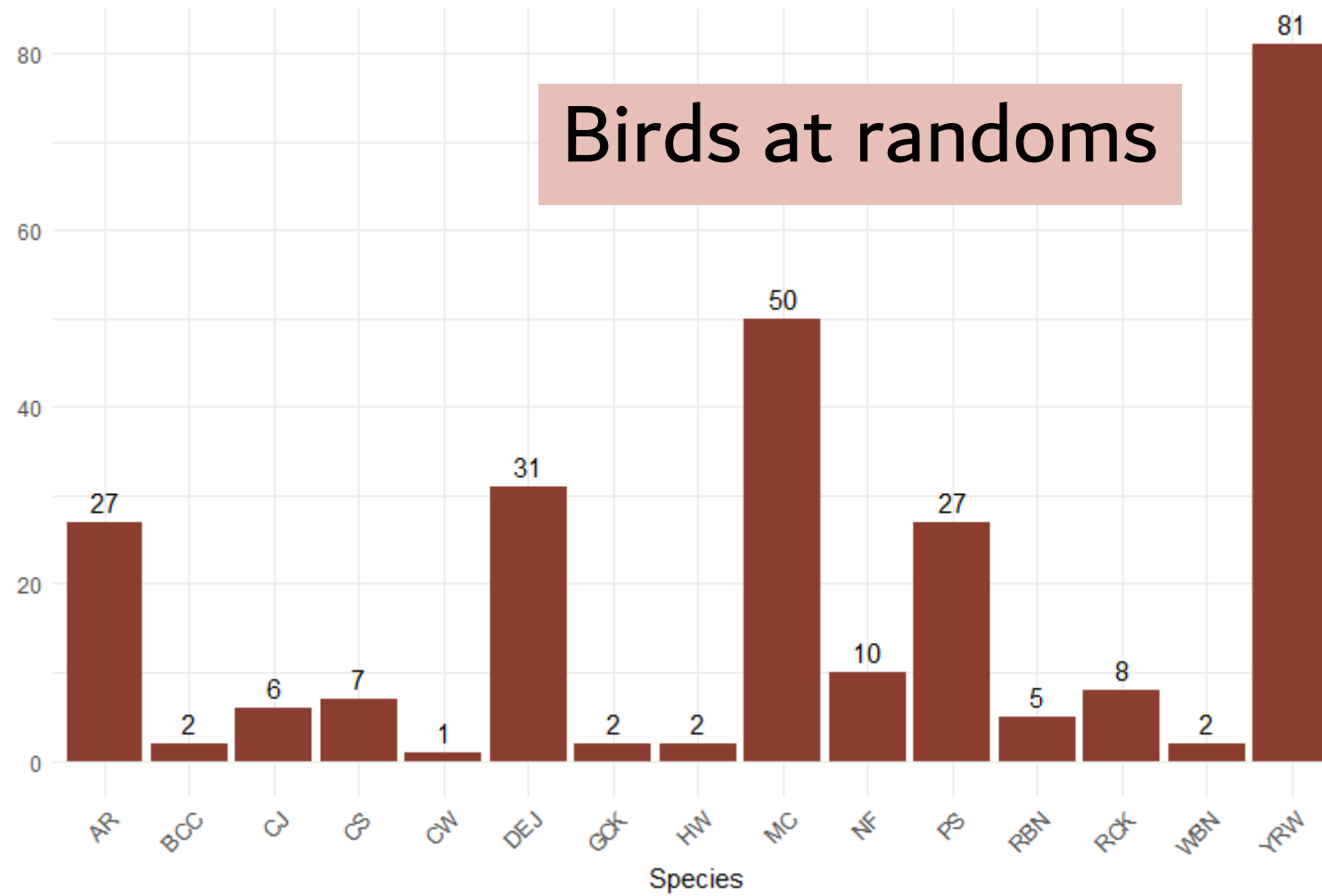
Birds at middens



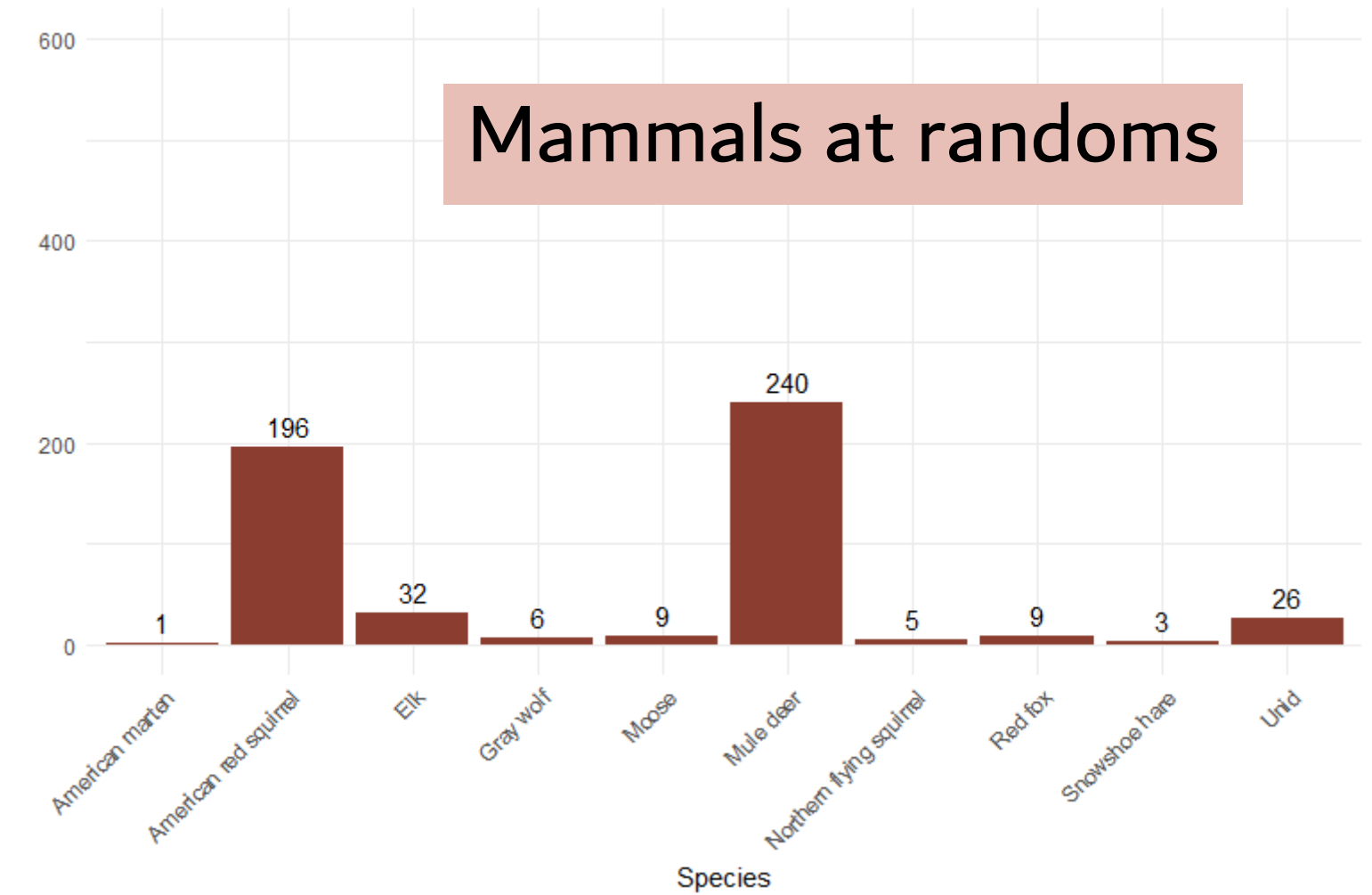
Mammals at middens



Birds at randoms



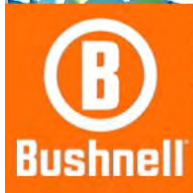
Mammals at randoms



Exciting findings and future research



- 1. Mule deer
- 2. Red fox
- 3. Elk
- 4. Gray wolves
- 5. Moose
- 6. Black bear



CORE_CAM

76°F 24°C



08-11-2024

15:07:22

Thank You!



JACKSON FORK RANCH

HAUB SCHOOL OF ENVIRONMENT
AND NATURAL RESOURCES



UNIVERSITY
OF WYOMING

Research and Economic Development
COMMITTEE MEETING MATERIALS

AGENDA ITEM TITLE: UW REG 1.1 – Chitnis

- ☒ OPEN SESSION
☐ CLOSED SESSION

PREVIOUSLY DISCUSSED BY COMMITTEE:

- ☐ Yes
☒ No

FOR FULL BOARD CONSIDERATION:

- ☐ Yes *[Note: If yes, materials will also be included in the full UW Board of Trustee report.]*
☒ No
☒ Attachments/materials are provided in advance of the meeting.

EXECUTIVE SUMMARY:

Vice President Chitnis as well as lead discussion on the changes made to UW REG 1-1 that apply to the Research and Economic Development Division – specifically 1-1 Section 2 paragraph I on page 6 & 7 of the attached regulation.

PRIOR RELATED COMMITTEE DISCUSSIONS/ACTIONS:

Prior version of Regulation approve May 12, 2022

WHY THIS ITEM IS BEFORE THE COMMITTEE:

Changes to UW Regulations must be approved by the Full Board, the Research and Economic Development Committee needs to make a recommendation to the Full Board.

ACTION REQUIRED AT THIS COMMITTEE MEETING:

Committee will provide recommendation to the Full Board regarding revisions to UW REG 1-1.

PROPOSED MOTION:

“I’ve move that the Board approve and adopt the revised language of UW REG 1-1 that pertain the Research and Economic Development Division”

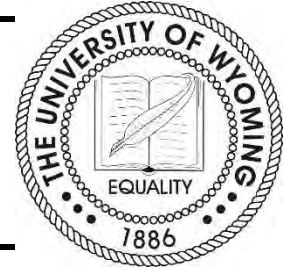
PRESIDENT’S RECOMMENDATION:

The President recommends approval.

UNIVERSITY OF WYOMING REGULATIONS

Subject: Organization of the University

Number: UW Regulation 1-1



I. OFFICERS OF THE UNIVERSITY

A. Designation

Officers of the University are:

1. The President;
2. Administrative Officers, to include the heads of the divisions as set forth in section II of this regulation (Academic Affairs, ~~Diversity, Equity and Inclusion,~~ ~~Budget and~~ Finance ~~and Administration~~, General Counsel, ~~Government and Community Affairs,~~ Information Technology, Institutional Advancement, ~~Operations,~~ Research and Economic Development, Student Affairs, ~~and~~ Intercollegiate Athletics, ~~and Government and Community Affairs~~);
3. Vice provosts, associate vice provosts, deputy vice presidents, and associate vice presidents, if any;
4. Academic Officers, to include deans, directors, associate and assistant deans and department and division heads, of the organized education units specified in UW Regulation 2-411 (Academic Organization).

B. Appointment

The President of the University shall be appointed by the Trustees as provided in the Bylaws of the Trustees of the University of Wyoming. Nine affirmative votes of the Trustees shall be required for appointment. The following Officers shall be appointed by the Trustees upon the recommendation of the President following consultation with the appropriate University Officers and faculty: the heads of the divisions as set forth in section II of the regulation, deans, and the Executive Director of the School of Energy Resources. All appointments under this paragraph shall be on such terms with respect to salary, terms of employment and like matters as the Trustees may determine.

C. Search Committees

Whenever the appropriate appointing authority appoints a Search Committee with regard to the selection of an Administrative or an Academic Officer (as defined below), the following shall apply:

1. The President of the Board of Trustees shall appoint a committee of three (3) members of the Board to serve as the Board of Trustees Vice President and Dean Search Committee to allow the Board of Trustees to be kept fully informed without interfering with the process.
2. The Chair of the University's Search Committee shall provide the Vice President and Dean Search Committee with a copy of the statement of qualifications the Search Committee will use during its recruitment process.
3. The Chair of the Search Committee shall regularly inform the Vice President and Dean Search Committee of the progress of the search, recognizing that the Vice President and Dean Search Committee can provide nonbinding feedback.
4. After the Search Committee has identified the final candidates, the Chair of the Search Committee will recommend the final candidates to the appropriate appointing authority and the Vice President and Dean Search Committee. The Chair of the Search Committee, and such other members of the Search Committee deemed advisable, shall confer with the appointing authority and the Vice President and Dean Search Committee, solely for the purpose of the Vice President and Dean Search Committee receiving information.
5. The Vice President and Dean Search Committee may communicate with the full membership of the Board of Trustees as it determines. All communications to and from the Vice President and Dean Search Committee under this regulation shall be treated in a confidential manner.
6. When the President of the University has determined the top 2-3 candidates for a position to which this Paragraph P applies, prior to the University commencing negotiations with the person to whom the offer will be made, the President of the University shall advise the Board of Trustees of the intention to make an offer of employment to the top candidate or the other candidates, if applicable, should negotiations with the top candidate be unsuccessful. The President shall do so in an executive session of a meeting of the Board of Trustees and shall provide such information to the Board as the Board may require. Negotiations with the candidate shall not commence prior to the Board's executive session. If the negotiations are successful with any of the top candidates, the President of the University shall recommend the Board approve appointment of the candidate but all matters shall remain confidential pending the Board's final approval.
7. In establishing their time frames applicable to the search process, the President, working with the Search Committee, shall take into consideration the Trustees' regularly scheduled monthly meetings in an effort to coordinate the approval/hiring process with such Trustee meeting schedule so as to reduce the

number of special meetings which would otherwise have to be held to assure compliance with this Regulation.

This process applies to the selection of the heads of the divisions as set forth in section II of the regulation, deans, and the Executive Director of the School of Energy Resources (as well as any additional vice president or dean positions that may be established in the future).

D. Removal

Any person appointed to an office or position pursuant to this section may be removed by the Trustees whenever in their judgment the best interests of the University will be served thereby, but such removal shall be without prejudice to the contract rights, if any, of the person so removed. Likewise such removal shall be without prejudice to the rights, if any, of such person as a tenured member of the faculty.

II. THE ADMINISTRATIVE ORGANIZATION OF THE UNIVERSITY

A. President of the University

Subject to control of the Board of Trustees, the President of the University is the chief executive officer of the University and is vested with powers and duties as provided by laws of this State and the Bylaws of the Trustees of the University of Wyoming. In addition to such duties, the President shall enforce UW Regulations as adopted hereof, and the President is hereby clothed with all authority requisite to these ends. Any authority or responsibility of the President may be delegated by him/her to any other member of academic personnel (faculty or academic professional) or staff of the University, but delegation of major areas of authority or responsibility shall have the prior consent of the Trustees. The President shall establish standing administrative committees of the University. All administrative committees established under the authority of the President shall be responsible and advisory to the President. The President is authorized to settle claims against the University up to \$100,000.

In the event of the termination, resignation, death or incapacity of the President, the Trustees may appoint an acting President who shall perform the duties and have the powers of the President during such time as the Board of Trustees may direct. If no acting President has been appointed by the Board of Trustees, the duties of the President shall be performed by the head of Academic Affairs.

The President shall serve as the ordinary channel of communication between the Trustees and academic personnel and between the Trustees and all subordinate administrative officers and staff of the internal organization. This regulation shall not be interpreted to limit the right of communication between academic personnel or other officers of the University and the Trustees or to limit the manner in which the Trustees may gain information as to the work and operation of the University.

The President shall have as principal administrative officers a head of each unit as set forth in section II of the regulation. The President also may have other assistants as are authorized from time to time and may also authorize the appointment of a vice provost, associate vice provosts, senior vice presidents, deputy vice presidents, and associate vice presidents for each of the principal administrative officers, who shall perform such duties as specified.

B. Academic Affairs

Academic Affairs oversees the academic colleges and schools; academic personnel; academic centers and institutes; the University of Wyoming at Casper; enrollment management; international programs; the University Libraries; and undergraduate and graduate education.

Academic Affairs shall initiate, organize, or direct such actions as are necessary and appropriate to assure that academic program needs and standards are established and implemented by appropriate units and officers of the University, including accreditation. Academic Affairs shall consult with and advise the President on the recommendations of the heads of the various academic units concerning organization, development of programs, appointment of academic personnel, promotions, leaves of absence, salaries, and the commission of special studies relating to curriculum, instruction, academic personnel and other areas as needed.

Additional administrative units may be assigned to Academic Affairs by the President. Academic Affairs may be supervised by a provost, a senior vice president, or a vice president and may be assisted by a vice provost, associate vice provosts, senior vice presidents, deputy vice presidents, associate vice presidents, and such other assistants as are authorized by the President from time to time.

~~C. Budget and Diversity, Equity, and Inclusion~~

~~The Office of Diversity, Equity, and Inclusion advises the President on organizational and transformational change related to diversity, equity, and inclusion, and in collaboration with the other principal Administrative Officers of the University, leads the development and implementation of the University diversity plan.~~

~~D.C. Finance and Administration~~

~~Budget and Finance and Administration~~ is responsible for the administration of all the business and financial affairs of the University, ~~and UW Operations, including business and capital planning, preparation and administration of the University budget and development of long-term financing strategies to support implementation of the Capital Facilities Plan~~~~Budget and Finance and Administration~~ advises the President

on the status of the University budget, and oversees such duties as are required by statute or by UW Regulations.

~~Finance and Administration, in consultation with General Counsel, shall prepare such agreements, leases, and other instruments relating to the transfer of real property, as may be appropriate to the management, control, acquisition, or disposition of property of the University in accordance with UW Regulations or other directions of the Board of Trustees.~~

In accordance with the Bylaws, the head of Budget and Finance ~~and Administration~~ shall serve as the Deputy Treasurer of the Trustees of the University of Wyoming, and shall exercise all duties and responsibilities incident to this position, including the receipt, custody and recording of all monies or funds payable to the Trustees, the Treasurer, the University, or any of its colleges, divisions, or departments and the disbursement or investment of such funds and monies as authorized by the Trustees.

E.D. General Counsel

General Counsel provides legal and risk advice to the University and coordinates communications with the state's Attorney General. General Counsel is responsible for administration of UW Regulations, procedures related to risk management, and review of discrimination, harassment, and workplace violence complaints. General Counsel has administrative responsibility for the Equal Opportunity Report and Response Unit and the Risk Management Office.

E. Government and Community Affairs

Government and Community Affairs is responsible to the President for coordinating the efforts to engage policy makers at the federal and state level to promote the University and enhance the University's ability to meet its mission and goals. Government and Community Affairs represents the University in its communications with elected officials at all levels, including all federal and state legislation. Government and Community Affairs provides advice, assistance, and information to the Board of Trustees, the President, and other University units with respect to government relations.

F. Information Technology

Information Technology is responsible to the President for the general information technology functions of the University, including administrative and academic computing, networking, telecommunications, computing laboratories and customer support services.

Information Technology shall advise the President and the University community on issues involving data privacy; develop and manage computing standards, network

architecture and security; determine information integration methodologies; and work with internal and external constituents to support diverse technology needs and build consensus on information technology issues. Information Technology shall be an advocate for the development and use of technology in instruction, academic support, research, social media, and institutional support; evaluate and analyze beneficial emerging and advanced technologies and provide a stable, reliable technology infrastructure for the University.

G. Institutional Advancement

Institutional Advancement is responsible to the President and the Board of Trustees for private fundraising and relations with donors. Institutional Advancement's primary functions include seeking private financial support for the University, coordinating private development and fundraising activities, and communicating with the University of Wyoming Foundation.

Institutional Advancement shall initiate, organize, or direct such actions as are necessary and appropriate to ensure that development and donor relations are properly implemented and coordinated, and shall consult with, engage and advise the President and the Board of Trustees on all development and donor relations.

H. Operations

Operations provides business and capital planning, preparation and administration of the University budget, and development of long-term financing strategies to support implementation of the Capital Facilities Plan. –Operations, in consultation with General Counsel, shall prepare such agreements, leases, and other instruments relating to the transfer of real property, as may be appropriate to the management, control, acquisition, or disposition of property of the University in accordance with UW Regulations or other directions of the Board of Trustees.

Operations is responsible for the campus safety office, including biological safety, chemical safety, fire safety, occupational health and safety, radiation safety, regulated materials management, the chemical stockroom, and incident and injury reporting.

H.I. Research and Economic Development

Research and Economic Development, which can be one combined unit or two separate units, is responsible to the President for the general administrative supervision and coordination of research programs conducted by units of the University. Research and Economic Development is responsible for reviewing and evaluating proposed research and economic development programs; continuing review of existing contracts and grants; and maintaining research compliance, including oversight of the Institutional Review Board (IRB), the Institutional Animal

Care and Use Committee (IACUC), ~~the Institutional Biosafety Committee (IBC), the Radiation Safety Committee, and~~ conflict of interest, ~~export control, and foreign influence in research~~. Research and Economic Development is also responsible for responding to allegations of research misconduct and the head or designee shall serve as the Research Integrity Officer for the University.

Research and Economic Development is responsible for maintaining an assessment of the available research capabilities of the University, interacting with governmental agencies or other entities sponsoring or seeking research or investigatory studies, and overseeing economic development and innovation initiatives.

I.J. Student Affairs

Student Affairs is responsible to the President for the general administrative leadership and coordination of programs and services designed to support the learning and development of UW students.

Student Affairs shall develop and deliver services, programs and facilities that promote the intellectual, personal, cultural and civic development of students; coordinate efforts to create a caring community in which individuals are respected, encouraged to pursue excellence, and assisted in achieving their potential; and foster the celebration of diversity of individuals and cultures.

J.K. Intercollegiate Athletics

Intercollegiate Athletics is responsible to the President for the planning, direction and management of the Athletics Division.

Athletic coaches shall not be considered Officers of the University but shall be contractual employees. The President shall have the authority to appoint any athletic coach with a one-year contract and shall consult with the Executive Committee of the Trustees prior to appointing any coach with a multi-year contract.

K.A. ~~Government and Community Affairs~~

~~Government and Community Affairs is responsible to the President for coordinating the efforts to engage policy makers at the federal and state level to promote the University and enhance the University's ability to meet its mission and goals. Government and Community Affairs represents the University in its communications with elected officials at all levels, including all federal and state legislation. Government and Community Affairs provides advice, assistance, and information to the Board of Trustees, the President, and other University units with respect to government relations.~~

Responsible Division/Unit: Office of the President

Source: None

Links: <http://www.uwyo.edu/regs-policies>

Associated Regulations, Policies, and Forms: Bylaws of the Trustees of the University of Wyoming, Article IX

History:

Trustee Regulations I, II, III, and IX.B; adopted 1/22/2010 Board of Trustees minutes

Revisions adopted 11/18/2010 Board of Trustees meeting

Revisions adopted 3/23/2012 Board of Trustees meeting

Revisions adopted 1/17/2014 Board of Trustees meeting

Revisions adopted 6/16/2014 Board of Trustees meeting

Revisions adopted 7/17/2014 Board of Trustees meeting

Revisions adopted 7/17/2014 Board of Trustees meeting

Revisions adopted 1/20/2016 Board of Trustees meeting

Revisions adopted 11/18/2016 Board of Trustees meeting

Revisions adopted 3/23/2017 Board of Trustees meeting

Revisions adopted 5/11/2017 Board of Trustees meeting

Revisions adopted 7/20/2017 Board of Trustees meeting

Revisions adopted 9/15/2017 Board of Trustees meeting

Reformatted 7/1/2018

Revisions adopted 11/15/2018 Board of Trustees meeting (effective 7/1/2019)

Revisions adopted 2/17/2021 Board of Trustees meeting

UW Regulation 1-102(I)(A) adopted Minutes of the Trustees, March 3-4, 2000, Budget Committee
Moved to UW Regulation 1-1 on 11/15/2018 Board of Trustees meeting (effective 7/1/2019)

UW Regulation 1-102(I)(P) adopted Minutes of the Trustees, January 16, 2015, Work Session
Revisions adopted and moved to UW Regulation 1-1 on 11/15/2018 Board of Trustees meeting
(effective 7/1/2019)

Research and Economic Development
COMMITTEE MEETING MATERIALS

AGENDA ITEM TITLE: REDD Updates– Chitnis, Pradhan

- ☒ OPEN SESSION
☐ CLOSED SESSION

PREVIOUSLY DISCUSSED BY COMMITTEE:

- ☐ Yes
☒ No

FOR FULL BOARD CONSIDERATION:

- ☐ Yes *[Note: If yes, materials will also be included in the full UW Board of Trustee report.]*
☒ No

☒ *Attachments/materials are provided in advance of the meeting.*

EXECUTIVE SUMMARY:

Vice President Chitnis and others will provide updates on activities within the division, including the introduction of the Dr. Jay Gatlin, newly appointed director of the Science Institute. VP Chitnis will provide an update on various initiatives within the department including progress in appropriately staffing areas within the division. DVP Arun Pradhan will provide an update on the Research Park proposal.

PRIOR RELATED COMMITTEE DISCUSSIONS/ACTIONS:

Information only

WHY THIS ITEM IS BEFORE THE COMMITTEE:

Information only

ACTION REQUIRED AT THIS COMMITTEE MEETING:

None

PROPOSED MOTION:

N/A