30th Idaho Rare Plant Conference

**February 28 – March 2, 2023**

Idaho Dept. of Fish and Game

15950 N. Gate Blvd.

Nampa, Idaho 83687

# Tuesday, February 28

Moderator: **Crista O’Conner**

11:00 - 1:00 — *Registration, poster set-up and lunch social opportunity (on your own)*

1:00 - 1:15 — **Michael Mancuso**, INPS president

Opening remarks, conference outline, vision, and speakers

1:15 - 1:30 — **Kristin Williams and Brittni Brown,** co-chairs

Logistics and introductions

1:30 - 2:00 ― **Ben Legler**, University of Wyoming

Keynote Address: Idaho’s Elusive Moonworts: An Overview of Botrychium

Systematics, Documentation, and Conservation Considerations

2:00 - 2:15 ― **Joe Kuhl**, University of Idaho Stillinger Herbarium

Stillinger Herbarium Updates

## Agency Updates

2:15 - 2:35 ― **Karen Colson**, US Fish and Wildlife Service Botanist

Recovering Species Under the Endangered Species Act in Idaho: A Status Update and Conservation Highlights

2:35 - 2:55 ― **Robert Jaeger**, US Fish and Wildlife Service Biologist

Whitebark Pine, a Newly Listed Species

2:55 - 3:10 ― *BREAK* (*drinks and light snacks provided*)

3:10 - 3:15 ― **Kristin Kaser**, Idaho National Lab Botanist

Botany Fun

3:15 - 3:30 ― **Anne Halford,** US Bureau of Land Management Botanist

BLM Botany Updates

3:30 - 3:45 ― **Tova Spector**, US Forest Service, Region 4 Botanist

Intermountain Region 4 Program Updates

3:45 - 4:00 ― **Amanda Hendrix**, US Forest Service, Region 1 Botanist

Northern Region 1 Program Updates

4:00 - 4:15 ― **Lynn Kinter & Jennifer Miller**, Idaho Fish and Game Botanists

IDFG Updates and Rare Plant Research

4:15 - 4:25 ― **Angela Sondenaa**, Nez Perce Tribe

Nez Perce Tribe Updates and Rare Plant Monitoring

4:25 - 4:35 ― Announcements, evening logistics

**5:30 - 8:00** ― Casual Social at **Fiesta Guadalajara**, no host appetizers and dinners.

1202 N Jacob Alcott Way, Nampa, ID 83687 ***map in packet***

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# Wednesday, March 1

Moderator: **Rose Lehman**

8:00 - 8:30 ― *Registration and morning social - coffee, hot tea and light snacks provided*

8:30 - 8:40 ― **Kristin Williams** - Opening remarks

8:40 - 8:50 ― **Brittni Brown** - Announcements―Open to conference participants

* 2023 INPS Statewide Annual Meeting, Stanley, ID June 30 – July 4
* 2023 Idaho Botanical Foray

## Plant and Plant Community Conservation

8:50 - 9:20 ― **Clara Buchholtz** ― *Astragalus mulfordiae*: pollination insights for a rare and threatened endemic species

9:20 - 9:50 ― **Wallace Keck** ― Pinyon Pine in the City of Rocks – Updates from the Field

9:50 - 10:20 ― **Soledad Diaz** ― Remote Sensing of Rare and Uncommon Plants

10:20 - 10:35 ― *BREAK* (*drinks and light snacks provided*)

10:35 - 10:40 ― **Kristin Kaser** ― Botany Fun

## Rare Plant Species Conservation Ranking

10:40 - 11:10 ― **Beth Corbin** ― Overview of Rare Plant Ranking in Idaho

 11:10 – 11:25 – **Beth Corbin** ―Simple Name Changes in Rare Plant List

11:25 - 1:00 ― *LUNCH (on your own, list of nearby restaurants and map in packet)*

1:00 - 2:45 ― **Derek Antonelli,** facilitator – Northern Idaho Rare Plant Working Group Rare

 Plant Ranks

2:45 – 3:00 ― *BREAK* (*drinks and light snacks provided*)

3:00 – 3:05 ― **Kristin Kaser** ―Botany Fun

3:05 - 4:30 ― **Beth Corbin,** facilitator―South Idaho Rare Plant Working Group Rare Plant Ranks

4:30 - 6:00 ― Poster Session and Social

6:00 - 7:00 ― Banquet Dinner catered by Kanak Attack Catering

**7:00 – 8:30** ― Banquet speaker **Cathy Cripps**, Mycologist, Montana State University

High Elevation Mycorrhizal Fungi with Whitebark Pine: Partners at Risk?

# Thursday, March 2

Moderator: **Anne Halford**

8:00 - 8:30 ― *Registration and morning social - coffee, hot tea and light snacks provided*

8:30 - 8:35 ― **Brittni Brown** - Opening remarks

## Plant and Plant Community Conservation

8:35 - 9:05 ― **Trevor Caughlin** ― Drone Technology to Map and Monitor Native Plant Communities

 in Sagebrush Steppe

9:05 - 9:35 ― **Don Mansfield** ― Morphological Variation in *Lepidium papilliferum* and *L. montanum* –

 Are there really just Two Taxa in Southern Idaho?

9:35 - 10:05 ― **Francis Kilkenny** ― Forage kochia spread from fuel-break seedings and implications for slickspot peppergrass management and fuel-break seed-mix design in the Snake River Plain of Idaho, USA

10:05 - 10:20 ― *BREAK* (*drinks and light snacks provided*)

10:20 - 10:25 ― **Kristin Kaser** ―Botany Fun

## Rare Plant Species Conservation Ranking

10:25 - 12:30 ― **Beth Corbin,** facilitator―S Idaho Rare Plant Working Group Rare Plant Ranks cont.

12:30 - 12:45 ― **Karie Pappani** – Logistics for evening social & Friday field trip, closing remarks,

 acknowledgements, & post conference comments

1:00 – 5:00 ― Optional field trip led by **Barbara Ertter**, Emeritus Curator of Western North American Flora at the University and Jepson Herbaria at UC Berkeley, and research associate at The College of Idaho and Boise State University Location TBD (*weather permitting*).

**5:30 - 8:00** ― Casual Social at **Brick 29 Bistro**, no host appetizers and dinners

320 11th Ave. S Suite #300, Nampa, ID 83651 ***map in packet***



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