



Colorado Plateau Native Plant Program

Colorado Plateau Native Plant Program 2016 Annual Meeting

March 22 – 23

Courtyard Hotel at Lake Powell, Page, AZ

Program & Abstracts



Clockwise from the top left: CPNPP priority species *Machaeranthera canescens* c/o UT060; seed heads of CPNPP priority species *Bouteloua gracilis* c/o CP1; CPNPP partner planting project at University of Utah - Rio Mesa Research Station demonstration garden near Moab, Utah; CPNPP target species *Linum lewisii* field at Southwest Seed near Dolores, CO.

Meeting Sponsored by BLM & CPNPP:



Partners & Presenters:



CPNPP welcomes new participants:



**GRAND CANYON
TRUST**



**Institute for
Applied Ecology**



Reception Sponsors:



High Mountain Nursery
Native Plant Conservation, Restoration & Reforestation

**granite
SEED**
and erosion control

Exhibitors:

The Colorado Plateau Native Plant Program

High Mountain Nursery

Granite Seed & Erosion Control

Institute of Applied Ecology

BFI Native Seed



From left to right: Field of CPNPP priority species *Heliomeris multiflora* c/o CP1; Los Lunas Plant Material Center employees remove barrel of tansyaster seed after vacuum harvest; seed of CPNPP priority species *Cleome serrulata* c/o CP1.

For more information, please visit the CPNPP website: <http://www.blm.gov/ut/st/en/prog/more/CPNPP.html>

Colorado Plateau Native Plant Program 2016 Annual Meeting
March 22-24, Courtyard Lake Powell Hotel, Page, AZ
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Monday, March 21, 2016		
2 PM & on	Exhibitor Set-up# (outside Conference Room)	
6 PM - 8 PM	Informal Social Hour & Dinner - The Dam Bar and Grille *RSVP	
Tuesday March 22, 2016		
7:30 - 8:00	Late Registration and Presentation Loading	
Time	Speaker	Presentation Title
8:00 - 8:10	Adrienne Pilmanis, CPNPP Coordinator, BLM UT	Welcome & Orientation
8:10 - 8:30	Shelley Smith, Deputy State Director of Natural Resources, BLM UT	CPNPP in the Landscape Context
National Perspective		
8:30 - 8:50	Peggy Olwell, BLM, National Plant Conservation Program Lead	National Native Seed Strategy: Implementation and Partnerships
8:50 - 9:10	Steve Popovich, USFS	National Pollinator Strategy & USFS
9:10 - 9:30	Janna Simonsen, BLM Washington Office	The Minerals Seed Connection
9:30 - 9:50	Tren Hagman, Granite Seed	Current Issues Facing Native Seed Companies
9:50 - 10:00	National Perspectives Panel - Discussion & Questions	
10:00 - 10:10	Break	
Market & Supply		
10:10 - 10:30	Rico Galvan, BLM Idaho	BLM's Seed Warehouse System
10:30 - 10:50	Ashley Camhi, Arizona State University	The Colorado Plateau Seed Market: A Shift Towards Natives?
10:50 - 11:10	Jason Vernon, UT Division of Wildlife Resources	Use of Specific Seed Sources for Restoring Rangelands in Utah
11:10 - 11:30	Tom Glass, High Mountain Nursery	The Right Seed in the Right Place Might be a Nursery
11:30 - 11:50	Aaron Kania, BLM Utah	The Not So Flowery Side Of Where Your Seeds Come From
11:50 - Noon	Market & Supply Panel - Discussion & Questions	
Noon - 1:00 PM	Lunch – <i>Pre-Order with Hotel or on your own</i>	
CPNPP Partner Reports		
1:00 - 1:20	Adrienne Pilmanis, CPNPP Coordinator, BLM Utah	Colorado Plateau Native Plant Program Update

1:20 - 1:40	Rachel Hosna, Great Basin Institute/ BLM Utah	The Benefits of Managing Seed Collection Data on a Regional Scale: Examples from the CPNPP
1:40 - 2:00	Lila Leatherman, University of Utah	Combining Species Distribution Models and Predicted Disturbance to Select Native Plant Species for Restoration Use
2:00 - 2:20	Nora Talkington, Chicago Botanic Garden	Using the Past to Inform Future Seed Sourcing in the Colorado Plateau
2:20 - 2:30	Break	
2:30 - 2:50	Kathy See, Uncompahgre Partnership	UP Overview & Update
2:50 - 3:10	Kelly Memmott, USFS Dixie/ Fishlake NF	Phase II - Native Grass Common Gardens with Treatments
3:10 - 3:30	Brandon Sanders, Upper CO. Environ. Plant Center	UCEPC Field Increase of <i>Koeleria macrantha</i> and <i>Poa secunda</i>
3:30 - 3:50	Kara Dohrenwend, Rim to Rim Restoration	Mayberry Native Plant Propagation Center: A Source for Land Managers in 2016 and Beyond
3:50 - 4:00	Break	
4:00 - 4:20	Kevin Gunnell, UT Division of Wildlife Resources	Native Plant Research and Activities at the Great Basin Research Center
4:20 - 4:40	Jack Staub, USDA-ARS	Evaluation of a Native Prairie Junegrass Collection from Eastern OR for use in the GB
4:40 - 5:00	Dave Hoover, USGS	Plasticity of <i>Pleuraphis jamesii</i> Across a Monsoon Gradient: A field trial study at CRC
5:00 - 5:10	CPNPP Partner Panel - Discussions and Questions	
5:30 - 7:00	Reception - Cash bar & Hors d'oeuvres Sponsored by High Mountain Nursery & Granite Seed & Erosion Control	
Wednesday March 22, 2016		
Time	Speaker	Presentation Title
Partner Programs		
8:00 - 8:20	Lori Makarick, NPS	Grand Canyon NP: Oh How Our Garden Has Grown ...
8:20 - 8:40	Anna Schrenk, Friends of Verde River Greenway	Building a Restoration Economy in the Verde Valley with Native Plants
8:40 - 9:00	Melanie Gisler, Institute of Applied Ecology, SW	"Need for Seed" in NM and AZ Leads to New Native Plant Materials Program
9:00 - 9:20	Richard Strait, NRCS	Partnering with Historically Underserved Producers
9:20 - 9:40	Partner Program Panel - Discussion & Questions	
9:40 - 9:50	Break	
Restoration		

9:50 - 10:10	Stan Young, Utah Crop Improvement Association	What You Seed Is What You Get
10:10 - 10:30	Nikki Grant-Hoffman, BLM Colorado	Seeding with Natives after Fire
10:30 - 10:50	Mary O'Brien, Grand Canyon Trust	A Case of Advocacy and Native Plants on the Colorado Plateau: Grand Canyon Trust
10:50 - 11:10	Danielle Bileyu-Johnston, Colorado Parks and Wildlife	Manipulating Cheatgrass Seed Dispersal to Benefit Restoration
11:10 - 11:25	Restoration Panel - Discussion & Questions	
11:25 - 11:45	Kyle Doherty, Northern Arizona University	USGS apps – seed collection & selection tools
Preparation for Afternoon Workshop		
11:45 - Noon	Stepping-down The National Seed Strategy for the CPNPP Region	
Noon - 1:00 PM	Lunch - ^Pre-Order with Hotel or on your own	
Research - Thinking Ahead		
1:00 - 1:20	Brad Butterfield, Northern Arizona University	Prestoration: Using Species in Restoration That Will Persist Now and into the Future
1:20 - 1:40	Tom Whitham, Northern Arizona University	The Reality of Climate Change and the Need for Genetics Approaches in Restoration
1:40 - 2:00	Discussion & Questions	
Strategic Breakout Group Session		
2:00 - 2:50	Stepping-down The National Seed Strategy for the CPNPP Region	
3:00 - 3:10	Break	
3:10 - 4:20	Reconvene to Share Findings	
4:20 - 4:45	Discussion, Collaboration Planning, Immediate Follow-up Actions, etc.	
4:45 - 4:55	Meeting & Program Feedback	
4:55 - 5:00	Wrap-up & Farewell	
6:00 PM	Dinner at the Rainbow Room on Lake Powell *RSVP	
Thursday March 24, 2016		
Optional Field Trips @RSVP		
7:30 - 12:00	Fun Hike - Hanging Garden or Birthday Arch	
Post-Meeting		
8:00 - 11:00 AM	2016 Wildland Seed Collection Planning Meeting	

Poster Presentations (in meeting room):

Fritts, S. and M. Mousseaux. - *Increasing Diversity and Availability of Forb and Sagebrush Seed for Restoration of Sage-Grouse Habitat.*

Leiberg, B. and Davis, A.S. – *Agroforestry and Citizen Science in Benguet Province, Philippines*

Seglias, A. and Kramer, A. – *Understanding among- and within-species variation in seed germination requirements to inform seed sourcing decisions in the Colorado Plateau*

Local Dining Establishments:

Blue Buddha Sushi Lounge (1.0 mi)
664 N Navajo Dr. Page, AZ 86040
(928) 645-0007 9 AM – 10 PM

Dam Bar & Grille (0.9 mi)
644 N Navajo Dr. Page, AZ 86040
(928) 645-2161 11 AM – 10 PM

Fiesta Mexicana (1.1 mi)
125 S Lake Powell Dr. Page, AZ 86040
(928) 645-4082 11 AM – 11 PM

Stromboli's (0.9 mi)
711 N Navajo Dr. Page, AZ 86040
(928) 645-2605 11 AM – 8:30 PM

State 48 Tavern (1.0 mi)
614 N Navajo Dr. Page, AZ 86040
(928) 645-1912 11 AM – 8:30 PM

El Tapatio (0.9 mi)
25 Lake Powell Blvd. Page, AZ 86040
(928) 645-4055 11 AM – 10 PM

Bonkers (1 mi)
810 North Navajo Drive Page, AZ 86040
(928) 645-2706 4 PM – 9 PM

Ranch House Grill (1 mi)
819 North Navajo Drive Page, AZ 86040
(928) 645-1420 6 AM – 3 PM

Rainbow Room at Lake Powell (6.7 mi)
100 Lake Shore Drive Page, AZ 86040
(928) 645-1162 5 PM – 9 PM

Dara Thai (1.1 mi)
636 Elm Street Page, AZ 86040
(928) 645-6807

Slackers (1 mi)
635 Elm Street Page, AZ 86040
(928) 645-5267 10:30 AM – 9 PM



From left to right: Uncompahgre Partnership increase fields of *Erigeron speciosus* at BFI c/o Kathy See (UP) and CPNPP priority species *Cleome lutea* c/o UT060.



CPNPP priority species *Sphaeralcea parvifolia* c/o UT931



From left to right: Native Colorado Plateau plant species growing at the Rim to Rim Restoration plant nursery near Moab, Utah; bags of seed stored at the Colorado Parks and Wildlife Seed Warehouse in Delta, CO.