

Program Schedule

October 11, 2022

Tuesday, August 3, 2021

Time	Session or Presentation	Moderator or Presenter
8:30-8:35 AM	Welcome & Introductions	Sara Holm & Scott Gardner
8:35-12:00 PM	PLENARY: Integrating Nutrition into Deer and Elk Management: Why, What, and How?	Moderator: Kristin Denryter
8:40-9:10 AM	Nutritional Condition, Population Performance, and Animal-Indicated Nutritional Carrying Capacity	Tom Stephenson
9:10-9:40 AM	Density Dependence, Nutrition, and White-tailed Deer Management in Southern Texas	Charles DeYoung
9:40-9:55 AM	Break	
9:55-10:25 AM	Using Remote Sensed Data to Monitor Mule Deer Population Performance	Mark Hurley
10:25-10:55 AM	Linking Plant Communities to Large Ungulate Performance: The Importance of Fine-scale Data	Rachel Cook
10:55-11:25 AM	Using Knowledge Co-Production to Support Integrated Research-Management Partnerships: Recent Successes for Elk	Mike Wisdom
10:25-12:00 PM	Plenary Panel Discussion Q & A	
12:00-1:00 PM	Sponsor Lunch Lounge: Lotek Wireless Inc. - Emerging Technologies in Telemetry	Michael Crawford
1:00-2:30 PM	State/Province Updates	Moderator: Sara Holm
1:00-1:10 PM	California Deer and Elk Status Update	David Casady
1:10-1:20 PM	Colorado State of the Herds Report	Andy Holland
1:20-1:30 PM	Rocky Mountain Elk Foundation (RMEF) Update	Karie Decker
1:30-1:40 PM	Nebraska State Update	Luke Meduna
1:40-1:50 PM	Nevada Deer and Elk Update	Cody Schroeder
1:50-2:00 PM	Oregon State Update	Don Whittaker
2:00-2:10 PM	Texas State Update	Shawn Gray
2:10-2:20 PM	Washington State Report	Kyle Garrison

Time	Session or Presentation	Moderator or Presenter
2:20–2:30 PM	Status Update for Mule Deer in Saskatchewan, Canada	Tom Perry
2:30–2:40 PM	Idaho State Update	Rick Ward
2:40–2:50 PM	Q & A	
2:50–3:30 PM	OPEN TIME – recommended time to visit posters	
3:30–3:45 PM	Break	
3:45–4:45 PM	Nutrition Session	Moderator: Brad Burkholder
3:45–4:05 PM	Long-term (1870-2010) Retrospective Evaluation of Forage Resources for Elk in North-Central Idaho	John Cook
4:05–4:25 PM	Nutritional-Landscape Models Link Habitat Use to Condition of Mule Deer	Jennifer Merems
4:25–4:45 PM	Comparing the Fundamental Nutritional Niches of Mule (<i>Odocoileus hemionus</i>) and White-tailed Deer (<i>O. virginianus</i>)	Anna Staudenmaier
4:45–5:25 PM	Awards Ceremony & Social	
	Excellence in Elk Country	Black Henning
	O.C. Wallmo Award	Orrin Duvuvuei

Wednesday, August 4, 2021

Time	Session or Presentation	Moderator or Presenter
8:30–8:35 AM	Welcome to Day Two	Sara Holm & Kristin Denryter
8:35–9:55 AM	Deer Session 1: Demography	Moderator: Christine Found-Jackson
8:35–8:55 AM	Comparing Fecal DNA Mark-Recapture to Mark-Resight for Estimating Mule Deer (<i>Odocoileus hemionus</i>) Abundance on Winter Range in the Eastern Sierra Nevada	Andi Stewart
8:55–9:15 AM	Post-Capture Mortality in Eastern Sierra Mule Deer Populations	Nicholas Shirkey
9:15–9:35 AM	Demographic Performance of a Large Herbivore: Effects of Winter Nutrition and Weather	Nathan Jackson

Time	Session or Presentation	Moderator or Presenter
9:35-9:55 AM	Open Time	
8:35-9:55 AM	Elk Session 1: Nutrition	<i>Moderator: Josh Bush</i>
8:35-8:55 AM	Factors Influencing Predictions of Understory Vegetation Biomass from Visual Cover Estimates	Deborah Monzingo
8:55-9:15 AM	Forage Quality and Quantity in Migratory and Resident Mule Deer Summer Ranges	Elizabeth Schuyler
9:15-9:35 AM	Assessing the Effects of Fire Severity on Elk Forage Quality and Quantity in West-Central Montana	Lauren Snobl
9:35-9:55 AM	Open Time	
9:55-10:10 AM	Break	
10:10-11:50 AM	Deer Session 2: Movement	<i>Moderator: Julie Garcia</i>
10:10-10:30 AM	Mule Deer and Anthropogenic Change: Effects of Agricultural Encroachment on Movement, Morphology, and Population Performance	Levi Heffelfinger
10:30-10:50 AM	A Population Perspective on Spring Migration Mule Deer	Tatum Del Bosco
10:50-11:10 AM	Idaho's Big Game Projects & Priorities: Putting Science into Action	Jessie Shallow
11:10-11:30 AM	Migrational Behavior and Its Influence on Survival During a Short Distance Migration	Jerrold Merrell
11:30-11:50 AM	Quantifying the Impacts and Assessing the Permeability of a Divided Four-Lane Highway on Migratory Mule Deer	Daniel Taylor
10:10-11:50 AM	Elk Session 2: Nutrition/Disease/Management/Genetics	<i>Moderator: Carrington Hilson</i>
10:10-10:30 AM	The Role of Supplemental Feeding on Winter Elk Aggregation and Methods for Assessing Disease Risk	William Janousek
10:30-10:50 AM	Management of Multiple Migration Routes for Mule Deer and Elk across Idaho	Scott Bergen
10:50-11:10 AM	Behavioral Disparity in a Partially Migratory Elk Herd on a Sympatric Winter Range	Madeline Trottier
11:10-11:30 AM	Genetic Diversity and Connectivity of Tule Elk Herds in Northern California's Interior Coast Range	Tom Batter
11:30-11:50 AM	Balancing CWD Risk and Public Expectations: An Experiment in a Mule Deer Special Management Area in Western Montana	Rebecca Mowry

Time	Session or Presentation	Moderator or Presenter
12:00-1:00 PM	Sponsor Lunch Lounge: Mule Deer Foundation – Meet the MDF Staff	Randy Morrison
12:00-1:00 PM	2021 WAFWA Deer & Elk Business Meeting	Jim Heffelfinger
1:00-2:40 PM	Deer Session 3: Disease	<i>Moderator: Brandon Munk</i>
1:00-1:20 PM	Open Time	
1:40-2:00 PM	Implication of Prion Disease Across Geographic Populations: A Case Study Examining Wild North American Deer	Emily Wright
1:40-2:00 PM	Risky Business: Relating Risk of Direct Contact with Disease Risk	Maria Dobbin
2:00-2:20 PM	Individual-Based Modelling of Chronic Wasting Disease	Kelsey Gritter
2:20-2:40 PM	Characterization of the Prion Protein Gene in Axis Deer and Implications for Susceptibility to Chronic Wasting Disease	Matthew Buchholz
1:00-2:40 PM	Elk Session 3: Harvest Management	<i>Moderator: Alex Heeren</i>
1:00-1:20 PM	Harvest Management and Chronic Wasting Disease Prevalence Trends in Western Mule Deer Herds	Anne Hubbs
1:20-1:40 PM	Bull Elk Survival, Vulnerability, and Antler Size in a Partially Migratory Population	Hans Martin
1:40-2:00 PM	Using Hunter Submitted Antler Measurements to Estimate Age of Elk in Nevada	Cody McKee
2:00-2:20 PM	Using Nutritional Indices, Population Estimates, and Harvest Data to Manage Elk on a Large Private Ranch in Northeastern New Mexico	Lance Bernal
2:20-2:40 PM	Comparison of Harvest Statistics and Deer Management Programs in the Eastern and Western U.S.	Kip Adams
2:40-3:00 PM	Break	
3:00-4:20 PM	Deer Session 4: Genetics & Habitat	<i>Moderator: David Casady</i>
3:00-3:20 PM	<i>Odocoileus</i> Rex and the Evolution of Mule Deer	Jim Heffelfinger
3:20-3:40 PM	Analysis of a Gamete Recognition Protein Called Zonadhesin Reveals Unique Insight into the Hybridization of Deer Species in North America	Emma Roberts
3:40-4:00PM	Trade-offs in Forest Disturbance Management for Plant Communities and Mule Deer in Northwest Montana	Teagan Hayes

Time	Session or Presentation	Moderator or Presenter
4:00-4:20 PM	Habitat Selection by Partially Migratory Mule Deer in Northwest Montana	Collin Peterson
3:00-4:20 PM	Elk Session 4: Predation & Disease	<i>Moderator: Mario Klip</i>
3:00-3:20 PM	Assessing the Impacts of the Recovering Mexican Wolf Population on Elk Behavior	Zack Farley
3:20-3:40 PM	Influence of Mexican Wolves on Elk Resource Selection	Cara Thompson
4:00-4:20 PM	Surveillance for an Emergent Hoof Disease in Elk in the U.S. Pacific West Supplemented by Metagenomic Analysis	Margaret Wild
3:40-4:00PM	Lessons Learned from Initial Surveillance for Treponeme-Associated Hoof Disease in Elk in California	Emma Lantz
4:20-4:30 PM	Closing Remarks	Sara Holm & Kristin Denryter

Access recordings on Whova