



## **AZA Ungulate TAG Midyear Meetings**

### **March 23-25, 2021**

### **“Many Hooves, One Herd”**

#### **Tuesday March 23 - DAY 1** *(All times are Eastern Standard Time)*

11am-1pm

**Welcome, Overview, and Agenda for the Week** – Moderator, Steve Metzler, Antelope, Cattle, Giraffid, and Camelid TAG Chair

#### **AZA Ungulate TAG Chair Briefings**

- **Rhino TAG** – Adam Eyres, TAG Chair, Fossil Rim Wildlife Center
- **Equid TAG** – Tim Thier, TAG Chair, Saint Louis Zoo
- **Hippo, Peccary, Pig, and Tapir TAG** – Martin Ramirez, TAG Chair, Woodland Park Zoo
- **Deer (Cervid/Tragulid) TAG** – Michelle Hatwood, TAG Chair, Audubon Species Survival Center
- **Caprinae TAG** – Gil Myers, TAG Chair, Smithsonian National Zoo
- **Antelope, Cattle, Giraffid, and Camelid (ACGC) TAG** – Steve Metzler, TAG Chair, San Diego Zoo Wildlife Alliance

*1pm-2:30pm Animal Program Leaders Meeting*

3pm-5pm **The Future of SSPs and How it May Impact the Ungulate TAGs and Collection Planning** – Presentations and Discussion, Moderator, Steve Metzler

- Panelists, Dave Powell, Animal Population Management Committee, Saint Louis Zoo and Ungulate TAG Chairs



## Wednesday March 24 – DAY 2 (All times are Eastern Standard Time)

11am-1pm

**Reports from the Field Part 1** – Moderators, Wendy Enright and RoxAnna Breitigan, The Living Desert Zoo and Gardens

- **Peninsular Pronghorn Conservation Project** – Melodi Tayles, San Diego Zoo Wildlife Alliance
- **Large-antlered Muntjac CGF Grant** – Michelle Hatwood, Audubon Species Survival Center
- **Action Indonesia Update** – James Burton, IUCN Asian Wild Cattle Specialist Group
- **Saola Working Group activities** - James Burton, IUCN Asian Wild Cattle Specialist Group
- **Sahara Conservation Fund Report** – John Watkin, Sahara Conservation Fund
- **Giraffe Projects Report** – Derek Lee and Monica Bond, Wild Nature Institute
- **Annamite Rewilding Project** – Barney Long, Global Wildlife Conservation
- **Okapi Conservation Project** – Lucas Meers, Jacksonville Zoo

1pm-2:00pm TAG Chair Meeting

2pm-4pm

**Ungulate Scientific Management Presentations**– Moderators, Jamie Ivy, PhD, and Andrea Putnam, PhD, San Diego Zoo Wildlife Alliance

- **How do mating systems influence biobanking strategies? An illustration using two Indonesian bovids, banteng (*Bos javanicus*) and lowland anoa (*Bubalus depressicornis*)** – James Gillis, South-East Zoo Alliance for Reproduction and Conservation
- **Causes of morbidity and mortality and intervention strategies in gerenuk (*Litocranius walleri*) at the San Diego Zoo and the San Diego Zoo Safari Park 2008-2020** – Meredith Clancy, DVM, San Diego Zoo Wildlife Alliance
- **Comparison of genetic diversity and metapopulation management of sable antelope (*Hippotragus niger*) and dama gazelle (*Nanger dama*) in zoos, breeding centers, and private ranches in North America** – Rebecca Gooley, PhD, Smithsonian Conservation Biology Institute
- **Adaptation to managed care drive changes in the rhinoceros gut microbiome** – Candice Williams, PhD, San Diego Zoo Wildlife Alliance

4:30-6:30pm **Open Discussion with Ungulate TAG Leadership** – Meet and Greet, Questions and Answers, Open Discussion



## Thursday March 25 – DAY 3 *(All times are Eastern Standard Time)*

### 11am-1pm **Ungulate Committee and Activity Updates**

- **Marketing Team** – RoxAnna Breitigan, The Living Desert Zoo and Gardens
- **AZA Ungulates Website Overview** – Brent Huffman, Toronto Zoo
- **Mentorship Program** – Ashley Arimborgo, Cheyenne Mountain Zoo
- **Animal Care Manuals** – Dan Beetem, The Wilds
- **Ungulate Research Group (URG!) Development** – Julie Swenson, DVM, Fossil Rim Wildlife Center
- **Conservation Programs Evaluation Task Force** – Kristen Wolfe, Disney's Animal Kingdom

### **Reports from the Field Part 2** – Moderator, Wendy Enright and RoxAnna Breitigan, The Living Desert Zoo and Gardens

- **Rothschild's/Nubian giraffe rescue from a flooding island** – David O'Connor, Save Giraffes Now
- **Lowland Tapir Project** – Jeff Holland, Center for the Conservation of Tropical Ungulates
- **Re-establishing a population of critically endangered Nubian giraffe in Uganda's Pian Upe Wildlife Reserve** – Michael Brown, Giraffe Conservation Foundation

### 1:30pm-3:30pm **Ungulate Husbandry Presentations** – Moderators, Andi Kornak, Cleveland Metroparks Zoo, and Mike Murray, Lincoln Park Zoo

- **Training a giraffe for voluntary stem cell treatments** – Amy Shilz, Cheyenne Mountain Zoo
- **Voluntary hoof trim training** – Chelsea Riley, Brevard Zoo
- **There is no place like home: one giraffe's tale of being trained to overcome a fear of crossing thresholds** – The Living Desert
- **Giraffe sedation protocols and training at the Dallas Zoo** – Alex Hauenstein, Dallas Zoo
- **Computed tomography and pathology findings in the feet of zoo giraffe** – Liza Dadone, DVM, Cheyenne Mountain Zoo
- **Relationship building and barn shifting with 2.2 Hartmann's mountain zebras** – Emily Mack, Zoo Knoxville
- **Development and implementation of a GNRF product to reduce behavioral stress of 5.0 giraffe** – Cindy Hall, Naples Zoo
- **Creating antifragile zebras: a program of active and passive resilience training at Oakland Zoo** – Darren Minier, Oakland Zoo
- **Meeting Wrap Up and Watering Hole Announcement**

### 4:00-6:00pm **Ungulate TAG Watering Hole** – Relaxing and Socializing with Fellow Hoofstock Fans



### **Other Ungulate Related Sessions of Interest**

**Friday March 26 – Rhino TAG and Research Council** (*All times are Eastern Standard Time*)

11am-1pm

1:30pm-3:30pm

**Tuesday April 6 – Bison Round Table to discuss 2026 Year of the Bison** – Mollye Nardi, Great Plains

Zoo and Delbridge Museum