



Ungulate Resource Group

2023 Update

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GOAL:



Create a simple, centralized list of primary advisors, with a small number of co-advisors, who can field questions that arise regarding ungulate conservation and care AND ensure that answers are returned in an appropriate timeline.

Ungulate Resource Group (URG)

The **Ungulate Resource Group** is a volunteer team of zoological professionals that are available to assist and advise the Ungulate TAGs and individual zoological managers. These experts in their fields provide an invaluable resource for ungulate managers seeking to advance the husbandry and management of hoofstock in their care. For rhinoceros-specific inquiries, please check out the [Rhino Research Council](#).

The Ungulate Resource Group includes experts in the following fields:

[Veterinary Medicine](#) | [Nutrition](#) | [Genetics](#) | [Behavior and Ecology](#) | [Reproduction](#)
[Management](#) | [Field Conservation](#) | [Population Biology](#) | [Education](#)

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Each subject matter unit is chaired by a lead advisor. If you have a query, please reach out to the appropriate lead, who will connect you with the person best suited to respond. If you do not get a response within a reasonable time frame, please contact the **Ungulate Resource Group Chair**:

Dr. Julie Swenson, Fossil Rim Wildlife Center, TX at julies@fossilrim.org.

Veterinary Medicine

Lead Advisor: Dr. Meredith Clancy, San Diego Zoo Wildlife Alliance, CA (mclancy@sdzwa.org)

Dr. Kim Thompson, Binder Park Zoo, MI (kthompson@binderparkzoo.org)

Dr. Brittni East, Exotic Wildlife Veterinary Services, TX (wildlifevetervices@gmail.com)

Dr. Priscilla Joyner, The Wilds, OH (pjoyner@thewilds.org)

Dr. Michele Miller, Stellenbosch University, South Africa (miller@sun.ac.za)

Nutrition

Lead Advisor: Mike Maslanka, M.S., National Zoo, DC (maslankam@si.edu)

Erin Kendrick, M.S., National Zoo, DC (kendricke@si.edu)

Barbara Henry, M.S., Cincinnati Zoo and Botanical Gardens, OH (barbara.henry@cincinnati.gov)

Kerri Slifka, M.S., Dallas Zoo, TX (kerri.slifka@dallaszoo.com)

Dr. Jennifer Watts, Chicago Zoological Society, IL (jennifer.watts@czs.org)

Dr. Kibby Treiber, Zoo Miami, FL (kimberly.treiber@miamidade.gov)

Genetics

Lead Advisor: Dr. Andrea Putnam (asputnam@gmail.com)

Dr. Jaime Ivy (jivy@jamieivy.com)

Dr. Klaus-Peter Koepfli, Smithsonian-Mason School of Conservation, George Mason University, VA (koepfli@si.edu)

Dr. Emily Latch, University of Wisconsin-Milwaukee, WI (latch@uwm.edu)

Behavior and Ecology

Lead Advisor: Dr. Lara Metrione, SEZARC, FL (Lara.Metrione@sezarc.com)

Dr. Cheryl Asa, St. Louis Zoo, MO (Asa@stlzoo.org)

Dr. Meredith Bashaw, Franklin & Marshall College, PA (meredith.bashaw@fandm.edu)

Dr. Gina Ferrie, Disney's Animals, Science, & Environment, FL (Gina.M.Ferrie@disney.com)

Dr. Jane Packard, Emeritus Professor Texas A&M, CA (jmpackard@earthlink.net)

Reproduction

Lead Advisor: Dr. Parker Pennington, Smithsonian National Zoo & Conservation Biology Institute, VA (parkerp513@gmail.com)

Dr. Budhan Pukazhenthi, Smithsonian National Zoo & Conservation Biology Institute, VA (pukazhenthib@si.edu)

Dr. Linda Penfold, SEZARC, FL (linda.penfold@sezarc.com)

Dr. Annie Newell-Fugate, Texas A&M, TX (anewell-fugate@cvm.tamu.edu)

Dr. Jessye Wojtusik, Omaha's Henry Doorly Zoo, NE (jessye.wojtusik@omahazoo.com)

Dr. Ashley Franklin, AZA Reproductive Management Center, St. Louis Zoo, MO (franklin@stlzoo.org)

Dr. James Gillis, SEZARC, FL (james.gillis@sezarc.com)

Management

Lead Advisor: Steve Metzler (steve.metzler@live.com)

Dan Beetem, The Wilds, OH (dbeetem@thewilds.org)

Ashleigh Kandrac, Lion Country Safari, FL (ashleigh.kandrac@lioncountrysafari.com)

Scotty Wade, White Oak Conservation Center, FL (SWade@white-oak.org)

Tony Barthel, Smithsonian National Zoo & Conservation Biology Institute, D.C. (BarthelT@si.edu)

Field Conservation

Lead Advisor: Justin Chuyen, US Fish and Wildlife Service, CO (Justin_Chuyen@fws.gov)

Dr. Jared Stabach, Smithsonian National Zoo & Conservation Biology Institute, VA (stabachj@si.edu)

Ricardo Pusey, Environment Agency Abu-Dhabi (ricardo.pusey@ead.gov.ae)

Population Biology

Lead Advisor: Dr. Jamie Ivy (jivy@jamieivy.com)

Dr. Andrea Putnam (asputnam@gmail.com)

Dr. Gina Ferrie, Disney's Animal Kingdom, FL (gina.m.ferrie@disney.com)

Education

Lead Advisor: Leanne White, Jacksonville Zoo and Gardens, FL (whitel@jacksonvillezoo.org)

Pam Eby, M.S., Omaha's Henry Doorly Zoo and Aquarium, NE (pamela.eby@omahazoo.com)

Jeremy Gill, M.A., Potawatomi Zoo, IN (Jeremy.gill20@gmail.com)

TAG Chairs: Antelope, Cattle, Giraffid, and Camelid – Vacant

Deer and Caprinae – Michelle Hatwood, Audubon Species Survival Center, LA

Equid – David Powell, St Louis Zoo, MO

Hippo, Peccary, Pig, and Tapir – Martin Ramirez, Woodland Park Zoo, WA

Where are we now?

- URG! website is live at www.azaungulates.org/urg



The screenshot shows a web browser window with the URL azaungulates.org/urg. The browser's address bar shows "Not secure" and the URL. The browser's tab bar shows several open tabs, including "Clinical Pharmacolo...", "Integrated parasite...", "Livestock links (plus...", "rrc Rhino Literature", "Imported From IE", "Get it for me - Sign...", "UniFi Video", "VT Antibiotics", "MuseScore", "Time Duration Calc...", "Calculate Duration", "Animals at the extr...", and "Biomedical science...".

The website header features the AZA Ungulates logo on the left and a navigation menu on the right with links for "Home", "TAGs", "Resources", "Events", and "Contact". A dark banner at the top of the page reads: "NEW for 2022! The Ungulate Resource Group is running with the herd. Click here for details." with a close button (X) on the right.

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Got Ungulate Questions??

Introducing the Ungulate Resource Group!

The **Ungulate Resource Group** is a volunteer team of zoological professionals that are available to assist and advise ungulate caretakers and management teams. These experts in their fields provide an invaluable resource for ungulate managers, both within and outside of AZA, seeking to advance the husbandry and management of hoofstock in their care. The Ungulate Resource Group includes experts in the following fields:

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Management | Field Conservation | Population Biology | Education**

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To see the list of advisors, visit
us at:
azaungulates.org/urg



Where are we now?

Social Media requests that are routinely posted

- **AZA Ungulates**
- **American College of Zoological Medicine**
- **European College of Zoological Medicine**
- **American Association of Zoo Veterinarians**
- **European Association of Zoos and Aquariums**
- **Wildlife Disease Association**
- **Fossil Rim Wildlife Center**



Where are we now?

Social Media requests with no response

- **AZA Nutrition Advisory Group:**
 - No response
- **American Association of Zoo Keepers:**
 - No response
- **American Association of Wildlife Veterinarians:**
 - No response
- **European Association of Zoo and Wildlife Veterinarians:**
 - No response



Where are we now?

Social Media requests with rejection or delays

- **AZA:**
 - Not willing to post on social media, recommended posting through their open networks on AZA.org
- **Exotic Wildlife Association:**
 - Willing to post but costs money
- **Conservation Centers for Species Survival:**
 - Willing to post but currently redoing all social media/website, requested that we ask again later



Where are we now?

Other suggestions for Social Media Posts

- Comparative Nutrition Society
- The Wildlife Society
- Society for Conservation Biology
- IUCN Specialists Groups
- Any others??



Updates from the URG advisors:

| Specialty | Questions in 2022 |
|----------------------|-------------------|
| Veterinary Medicine | 8-12 |
| Nutrition | 5-6 |
| Genetics | 0 |
| Behavior and Ecology | 1-3 |
| Reproduction | 1-3 |
| Management | 0 |
| Field Conservation | 0 |
| Population Biology | 0 |
| Education | 0 |

Suggestions For Next Steps:

- **Continue looking for other options to “advertise”**
 - **Consider an ad in the AZA Connect magazine**
 - **May be problematic due to costs, but will look into this**
 - **Slide advertisement at conferences**
 - **Currently discussing this with AAZV, would love a contact for AZA**
- **Encourage an URG member to present on an Ungulate related topic at upcoming meetings**
 - **Could be done on a rotating schedule so as to not overload any one group or person**
 - **Could focus on a topic that has been shared via the URG**

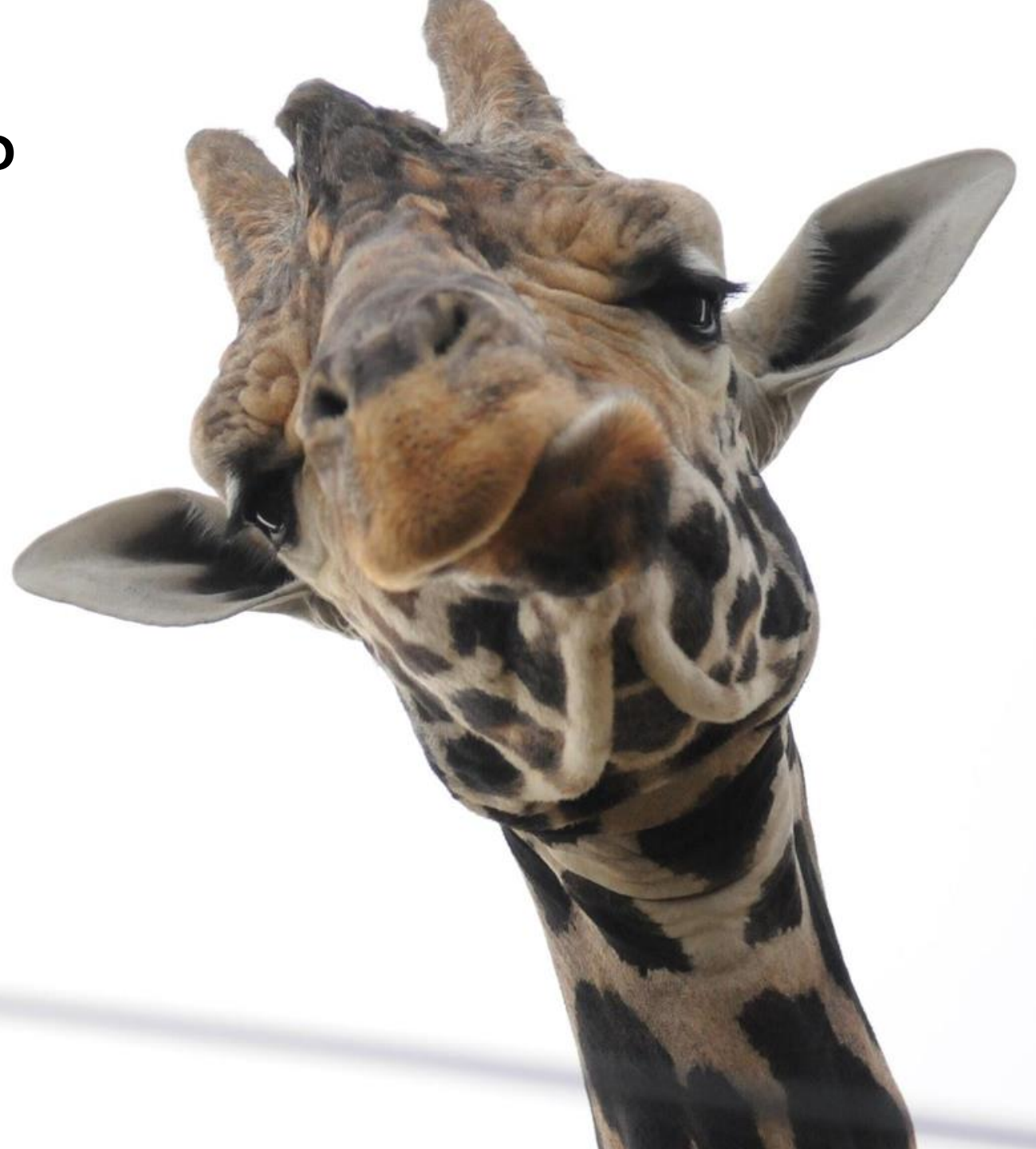
Where to from here?

Request that all lead advisors keep a tally of how many questions they receive to track incidence of use

Please submit suggestions for any other social media sites that we could advertise on

Further discussion about presenting URG topics at various meetings

Any suggestions of other ways to utilize this resource?



Questions or Comments?



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