



Rhino TAG 2021

APM Committee--New SSP format. 15/50 (15 AZA institutions/with more than 50% of the animals in AZA) is carved in stone, other changes may finalize later.

White Rhino—50 AZA facilities and 286 rhinos (one sustainability partner)

Eastern Black Rhino—23 AZA facilities and 56 rhinos

Greater One Horned Rhino—19 AZA facilities and 78 rhinos (one sustainability partner)

Steering Committee—IRs for their institution

Advisors—Rhino Research Council

International Rhino Keeper Association

GOHR SSP 2021

- Jim Haigwood– SSP Coordinator – San Diego Zoo Wildlife Alliance jhaigwood@sdzwa.org
- Joe Hauser – Studbook keeper
jhauser@buffalozoo.org
- Dr. Jamie Ivy – Population Advisor jivy@sdzwa.org
- Last planning meeting held virtually February 23rd, 2021 with 14 participants

GOHR SSP Population Stats

- AZA **YELLOW** SSP
- Current managed population (March 2021) is 35.43.0 = 78 animals in 19 AZA and one Sustainability Partner.
- 2020 – 4.3.0 BIRTHS
1.0.0 DEATHS
- The target population for this SSP is 85 animals.
- Animals excluded from managed population = 4.6 = 10.
Number of founders in the NA population = 25.
Percent of known pedigree = 100%.

GOHRs held in 77 zoos in Asia, Europe, North America, India, Nepal, Japan, Pakistan, Thailand, and the UAE. 111.103.0 = 214 (2017 Int. studbook)

GOHR management

ISSUES seen in both the SSP and EEP

Foot pad problems (cement floors) Europe has gone away from any concrete—US should plan for that on renovations and new builds

Neonatal mortalities (first time births in young females/stillbirths/aborts)

Reliably collecting blood

Sex ratios/Excess males

Breeding introductions

High transport costs



IRV2020 project included the relocation of rhinos from Pabitora and Kaziranga to Manas, Orang and Burachapori parks. The goal was 3000 rhinos in India by 2020.

Talks are ongoing for more conservation moving forward within this framework—possibly including Nepal since the Chitwan rhinos are nearby.



INTERNATIONAL
RHINO
FOUNDATION

Thank you to all of our dedicated rhino holders



Eastern Black Rhino SSP 2019

- Lisa Smith—SSP Coordinator—Buffalo Zoo lsmith@buffalozoo.org
- Gina Ferrie—Studbook Keeper and Adjunct Population Advisor—Disney's Animal Kingdom
Gina.M.Ferrie@Disney.com

Eastern Black Rhino SSP Stats

- AZA **YELLOW** SSP
- Current managed population (2021) is 29.26.1=56 animals in 23 AZA facilities.
- The target population for this SSP is 77 animals
- Percent of known pedigree=100%

Eastern Black Rhino Management

- Three calves born very recently—
Sedgwick County Zoo, Miami Metrozoo,
and Garden City—congratulations!
- Several spaces coming on line in 2021
and 2022
- Birmingham Zoo is likely to swap out white
rhinos for Eastern black rhinos—Thank
you.

A group of five white rhinos is shown in a lush green field. In the background, there is a wire fence and a dense line of green trees. The rhinos are of various sizes, including a small calf on the left and several larger adults. One adult rhino in the center has a prominent horn. The text 'White Rhino SSP' is overlaid in the upper middle of the image.

White Rhino SSP

Adam Eyres—SSP Coordinator

Dan Beetem—SSP Vice-Coordinator

Jonnie Capiro— Studbook Keeper

Jamie Ivy—Population Biologist



White Rhino SSP Population Stats

AZA GREEN SSP

Target Population Size is 150 in AZA managed zoos. Currently 286 at 51 facilities. RCP is due in 2021 and we will likely increase that target population size to 300.

- Population outside of the SSP is 37 known animals.
- Number of founders is 68. With a potential of 40 more,
- Current SSP population is 99.5% known pedigree with 97.9% GD.
- The SSP population is projected to maintain 94.5% GD for 100 years.



White Rhino Management

- Challenges with holding males. Bachelor groups are short lived, even in large habitats. We have had luck with male pairs and are doing some research with the International Rhino Keeper Association to determine how long we should count on that working.
- Older animals from pairs are now dying and we are looking into appropriate companion animals.
- We are having success with unproven males going into breeding groups. There have been four successes over the past two years—and lots of calves!

White Rhino Imports

- There have been over 80 imports over the past 20 years
- SEZARC and San Diego compiled some information about relatedness of some of the imports. Interesting findings that show less relatedness than I would have guessed.
- There are no current plans to expand that project, but there are new imports out of Namibia and it would be interesting to know if there is South African blood in them.



Rhino Research Council

- Advisors and Co-Advisors—Six disciplines
- Research queries—proposals, funding, what's been done/what still needs to be done
- International Rhino Foundation—Request for grants and directions in research funding
- Feedback to proposals to include collaboration where applicable

Rhino Research Council

Dr. Terri Roth Chair

Adam Eyres Rhino TAG Chair

Advisors:

Behavior and Ecology

Dr. Lara Metrione

SEZARC

Reproduction

Dr. Monica Stoops

Omaha's Henry
Doorly Zoo

Management

Adam Eyres

Fossil Rim
Wildlife Center

Genetics

Vacant

Veterinary Medicine

Dr. Michele Miller

Stellenbosch University
South Africa

Nutrition

Dr. Kathleen Sullivan

Disney's Animals,
Science and Environment

Co-Advisors: Each section has 3-6 co-advisors.

The Rhino Research Master Plan is complete and available!

Rhino Listserve



- Historically we haven't used this system to communicate.
- I had some feedback when the AZA was re-formatting their web site and people thought we should do this.
- We still haven't initiated this system, but there are opportunities to use the AZA for communicating to larger audiences.

Rhino Taxon Advisory Group Contact Information

- Adam Eyres, Chair and White Rhino SSP Coordinator

adame@fossilrim.org

- Steve Metzler, Vice Chair

smetzler@sdzwa.org

- Lisa Smith, Secretary and Eastern black rhino SSP Coordinator

lsmith@buffalozoo.org