



Coraciiformes & Bucerotiformes TAG

2023 AZA MID-YEAR MEETING

PAUL SCHUTZ, DISNEY'S ANIMAL KINGDOM

TAG CHAIR

PAUL.J.SCHUTZ@DISNEY.COM

SPEAKER NOTES IN ITALICS

Agenda



- ▶ Review new SSP designations, population updates
- ▶ Asian Hornbill SAFE update
- ▶ EAZA Hornbill TAG update
- ▶ Upcoming African Hornbill taxonomy research
- ▶ Hornbill ACM discussion

Our agenda today:

- *Our RCP was completed and approved late 2022. We wanted to review the new SSP designations and touch on a few updates from those populations*
- *Brief update on the Asian Hornbill SAFE program*
- *Update from our colleagues in EAZA*
- *Briefly touch on some upcoming genetic research into African hornbill taxonomy and what we can do to help.*
- *Close out with a discussion, led by Ashley Arimborgo, who is leading the writing of the hornbill ACM*

SSPs

- ▶ Southern Ground Hornbill – Signature SSP
 - ▶ Ann Knutson, Dallas Zoo
- ▶ Abyssinian Ground Hornbill – Provisional SSP
 - ▶ Keith Crow, Albuquerque Biological Park

- *Both ground hornbill species remain SSPs – Signature for Southern and Provisional for Abyssinian/Northern*
- *Ann Knutson is here to give a few updates*

SSPs

- ▶ Trumpeter Hornbill – Signature SSP
 - ▶ Yvonne Stainback, Caldwell Zoo
- ▶ Red-billed hornbill – Provisional SSP
 - ▶ Maureen Cleary, Brookfield Zoo

- *Trumpeter hornbill – Signature SSP*
 - *Population short on females*
 - *Hoping for breeding this year from some recently set-up high value pairings*
 - *Could definitely use new holders – birds can work well in aviaries*
- *Red-billed hornbill – Provisional SSP*
 - *Breeding & Transfer Plan just sent out*
 - *Population is short on females, so looking for institutions to consider holding males together*



SSPs

▶ Rhinoceros Hornbill – Signature SSP

▶ Rachel Ritchason, Santa Barbara Zoo

▶ Wrinkled hornbill – Provisional SSP

▶ Emma Koepp, Sedgwick County Zoo

○ *Rhinoceros hornbill – Signature SSP*

- *Several transfers have been made in the past year to set up new pairs.*
- *May make some interim recommendations soon. At least one space for a breeding pair is open.*
- *In April, SSP will host a virtual office hours for IRs to share successes and frustrations in breeding (or lack of!).*
- *Looking for a Vice-Chair for the SSP! Look for an election soon.*

○ *Wrinkled hornbill – Provisional SSP*

- *Needs additional holders for this species.*
- *A surplus of males, so holders for single males would be great.*

SSPs



- ▶ Green Woodhoopoe– Provisional SSP
- ▶ Blue-Crowned Motmot – Provisional SSP
 - ▶ Kevin Graham, Dallas Zoo

SSPs

▶ Blue-Bellied Roller – Signature SSP

▶ Nikki Hartman, Riverbanks Zoo

▶ Laughing Kookaburra – Signature SSP

▶ Natalie Hoffman, Santa Barbara Zoo

○ *Blue-bellied roller – Signature SSP*

▪ *Looking for holders*

○ *Laughing kookaburra – Signature SSP*

▪ *Natalie's first Breeding & Transfer Plan meeting is coming up on March 26th.*

▪ *Working on recruiting more AZA accredited facilities to house laughing kookaburras.*

▪ *Working on a way to streamline the process of acquiring ambassadors.*

AZA studbooks



- ▶ Von der Decken's Hornbill
 - ▶ Ashley Arimborgo, Cheyenne Mountain Zoo
- ▶ Wreathed Hornbill
 - ▶ Craig Miller, San Diego Zoo
- ▶ Great Hornbill
 - ▶ Matthew McHale, Zoo Miami
- ▶ Guam Kingfisher
 - ▶ Scott Newland, Sedgwick County Zoo

TAG Monitored Species



- ▶ Northern Carmine Bee-eater
- ▶ White-Fronted Bee-Eater
- ▶ White-Throated Bee-Eater



Asian Hornbill SAFE Update

- ▶ Now up to 8 program partners (North Carolina Zoo, Phoenix Zoo, Nashville Zoo, Woodland Park Zoo, St. Augustine Alligator Farm, Brevard Zoo, Kansas City Zoo, Toronto Zoo)
- ▶ Gen Anderson (St Augustine) is now the Program Secretary.
- ▶ Currently evaluating results of initial 3-year Program Plan and preparing to start drafting the follow-up plan for 2024-2028 (great time to get involved!)
- ▶ SAFE Update – Wednesday 9:30-11:30 AM

EAZA Hornbill TAG update

- ▶ Two long-term management plans produced in 2022 (Black Hornbill, Visayan Hornbill).
- ▶ Heidelberg Zoo working on Artificial Insemination in Blyth's Hornbills (1 fertile egg produced so far).
 - ▶ Alphen attempting in Great Hornbills
- ▶ Best Practice Guidelines for Ground Hornbills are being worked on and they hope to have completed in 2023.
- ▶ They are also managing the Toucan and Turaco TAG (which covers our Coraciiformes species) and are planning on planning an RCP workshop in late 2023.

African Hornbill taxonomy research

- ▶ PhD student, Natalie Molea - working with Dr Luikart, Univ of Montana and Dr. Lucy Kemp (Mabula Ground Hornbill Project, IUCN Hornbill Specialist Group Co-chair)
 - ▶ Hoping to resolve taxonomy of African Hornbills
 - ▶ They are hoping to get hornbill samples from Zoos to go along with some wild samples.
 - ▶ US-based samples will remain in the US – should make permitting easier.
 - ▶ Funding possibilities
- *Planning genetic research to help resolve African Hornbill taxonomy.*
 - *Can shed light on conservation status and potentially assist in conservation funding.*
 - *She will be likely be needing samples from multiple species from multiple zoos*
 - *Samples will stay in the US, which should make permitting/transport much easier.*
 - *More info to come, but it would be great if we can help this effort.*
 - *If any institutions are interested in helping with funding, that would also be great.*

Hornbill Animal Care Manual

