

Equid TAG Update

David Powell

TAG Chair

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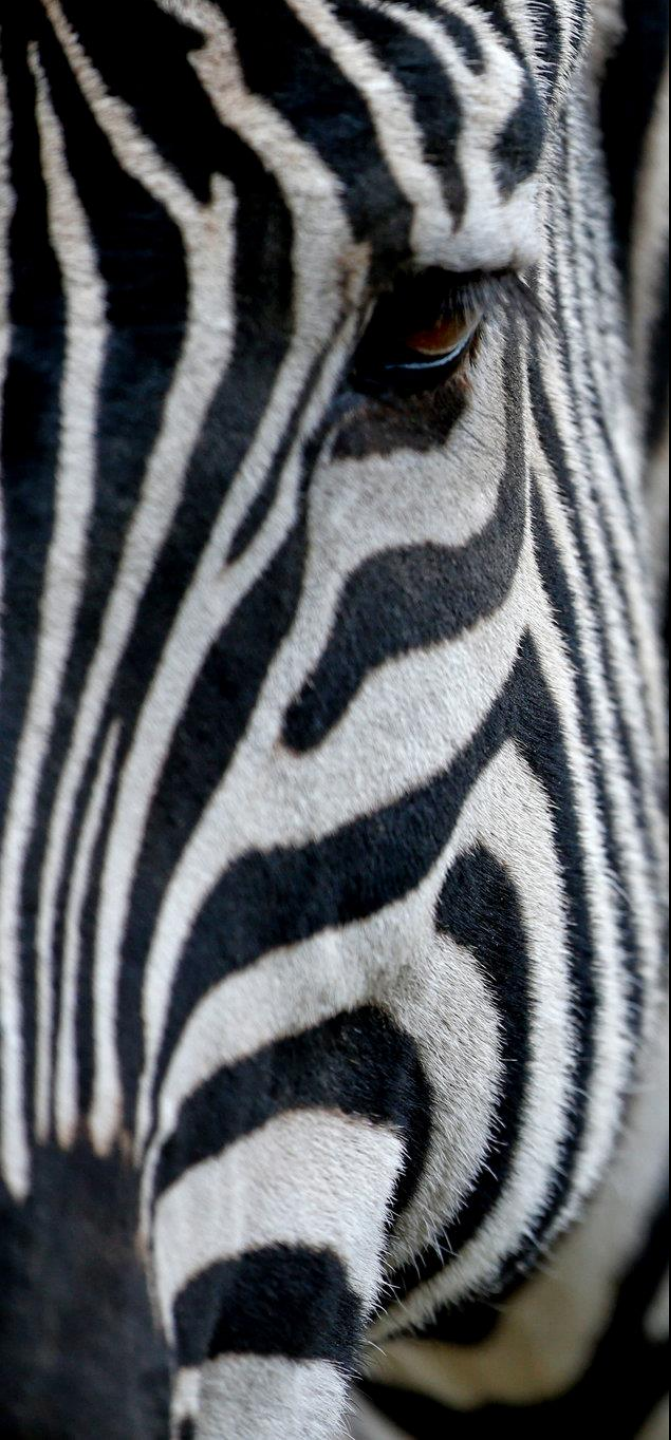
Steering Committee:

Dan Beetem, The Wilds

Ashleigh Kandrac, Lion Country Safari

J.T. Svoke, ZooMiami

Scotty Wade, White Oak Conservation



New SC members

Sam Berner, Disney's Animal Kingdom

Melissa Dacumos, Hogle Zoo



SSP Assessment Outcomes

Species	Genetics	Demography	Space & Interest	Husbandry	Designation
Plains Zebra (<i>Equus quagga</i>)	+	-	+	Neutral	Provisional SSP
Hartmann's mountain zebra (<i>Equus zebra hartmannae</i>)	Neutral	+	+	Neutral	Signature SSP
Grevy's zebra (<i>Equus grevyi</i>)	+	-	+	Neutral	Provisional SSP
Asian wild horse (<i>Equus ferus przewalskii</i>)	-	-	+	Neutral	Provisional SSP

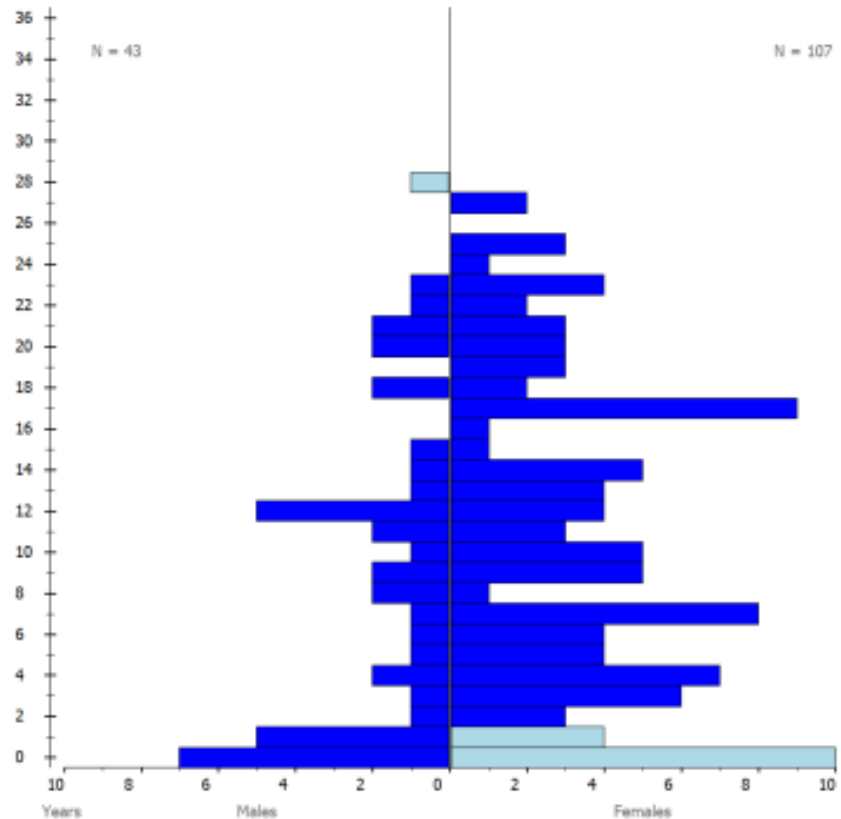


Figure 3. Age structure of Grevy's zebra SSP population.

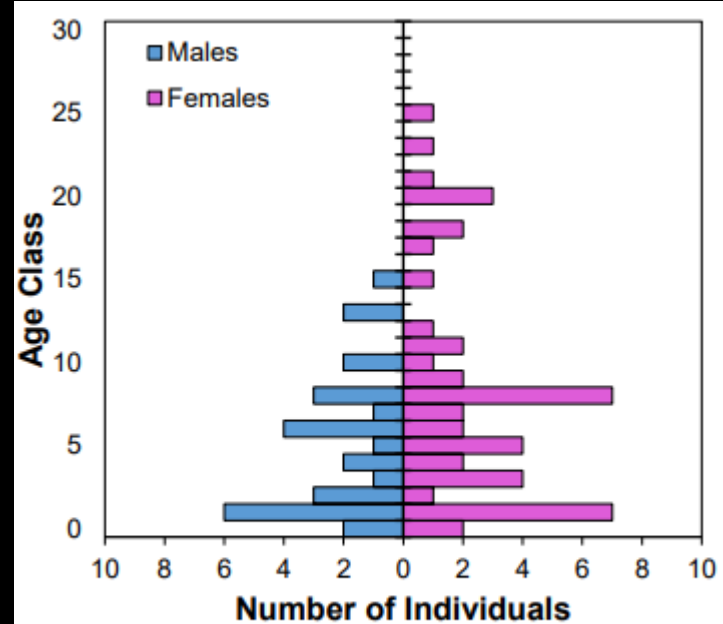


Figure 2. Age distribution of the Hartmann's Mountain Zebra SSP for the total population, N=75 (28.47.0).

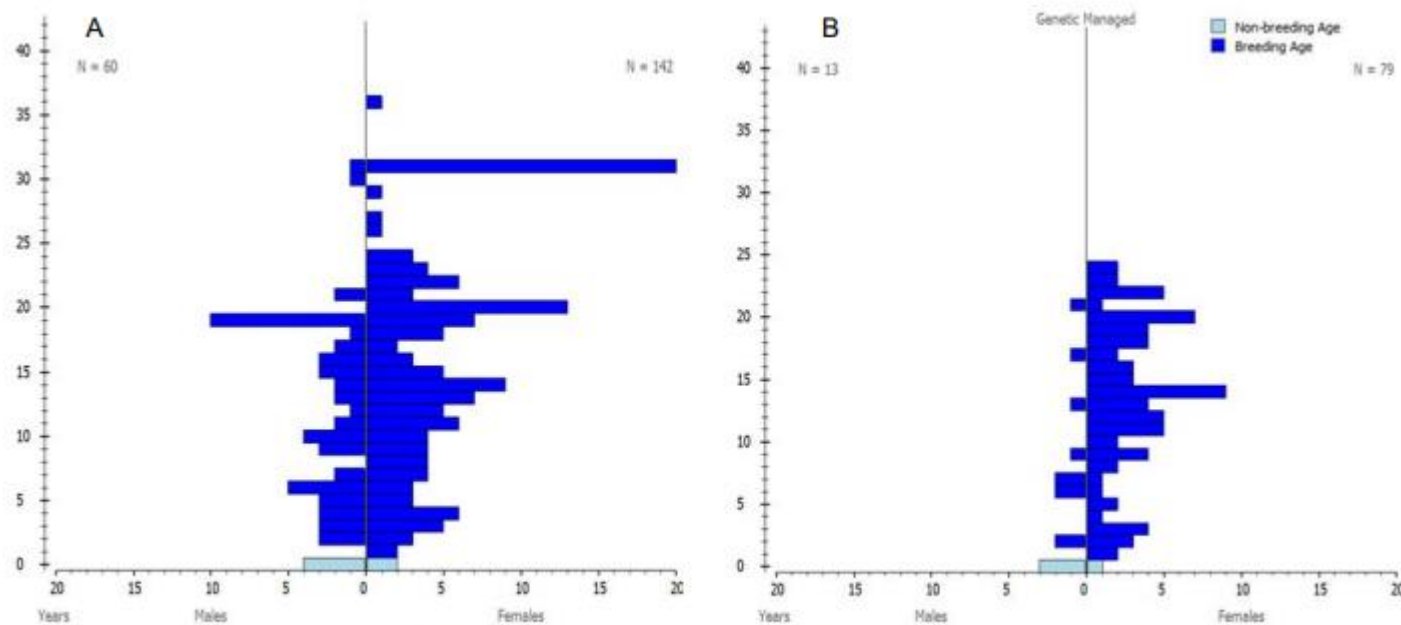
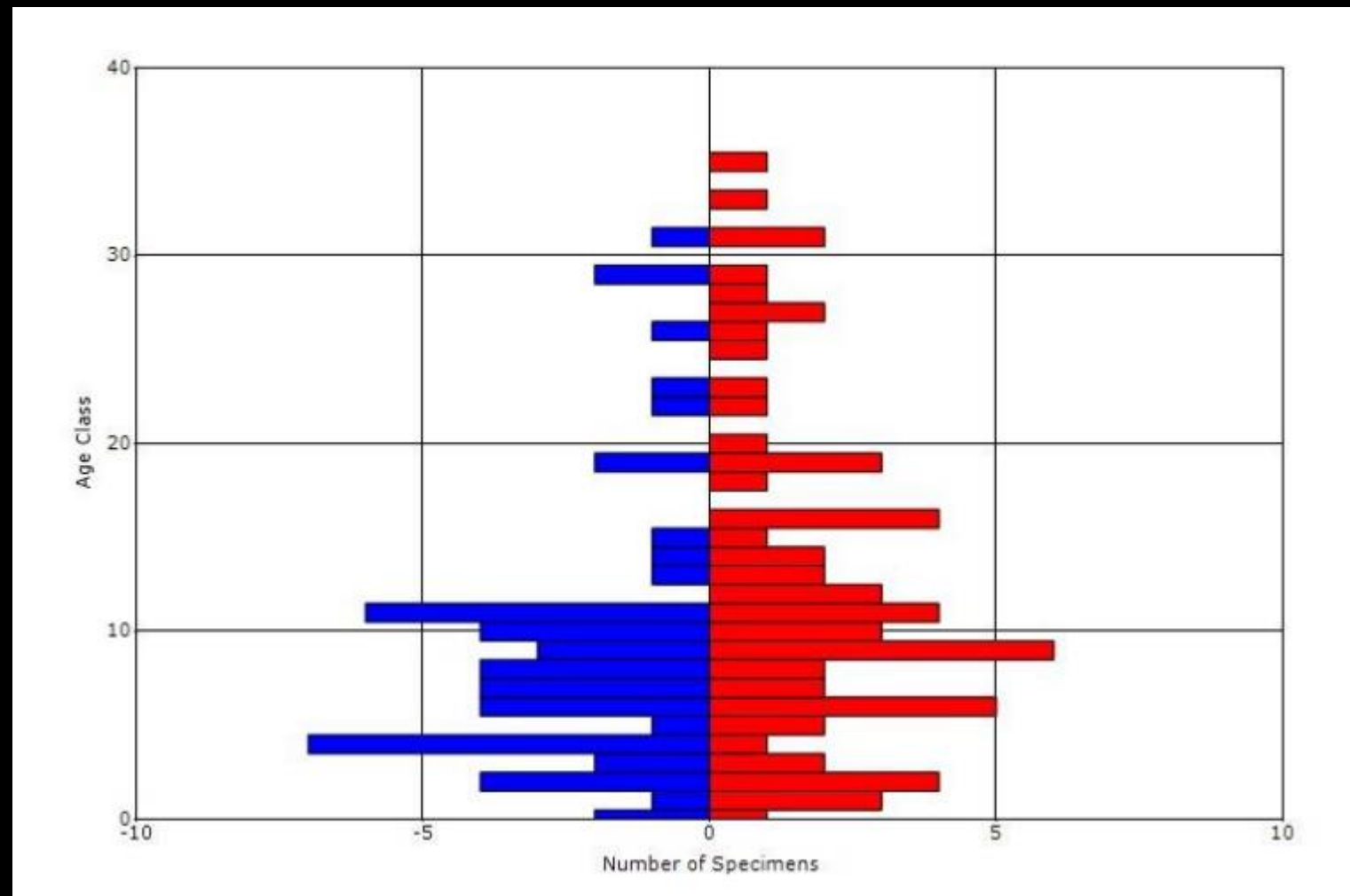
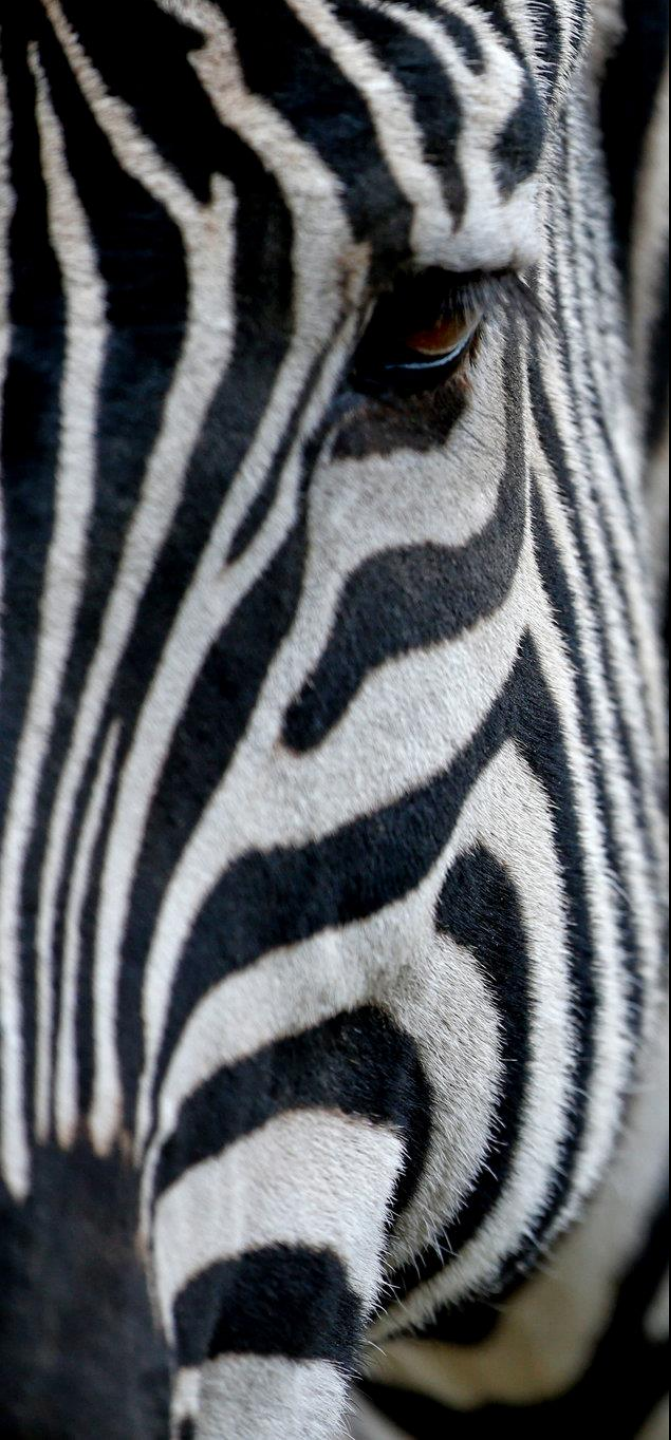


Figure 2. Age distribution of A) the entire population, N= 202 (60.142.0) and B) the analytical population N=92 (13.79.0) in the Plains Zebra SSP.

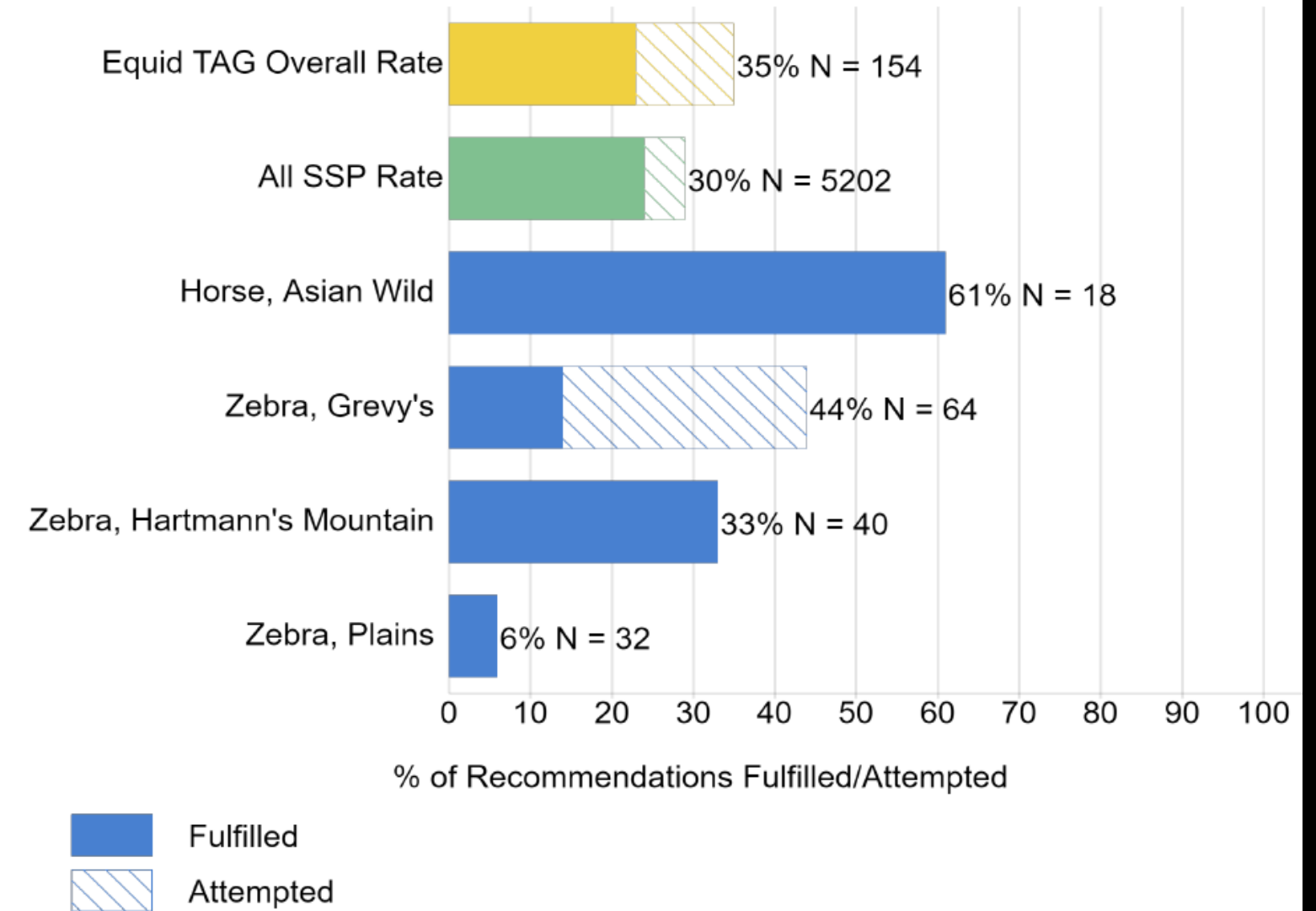




Recommendation Outcomes for Equid TAG

Current Fulfillment Rates for BREED WITH Recs Across SSPs

15 Mar 2023

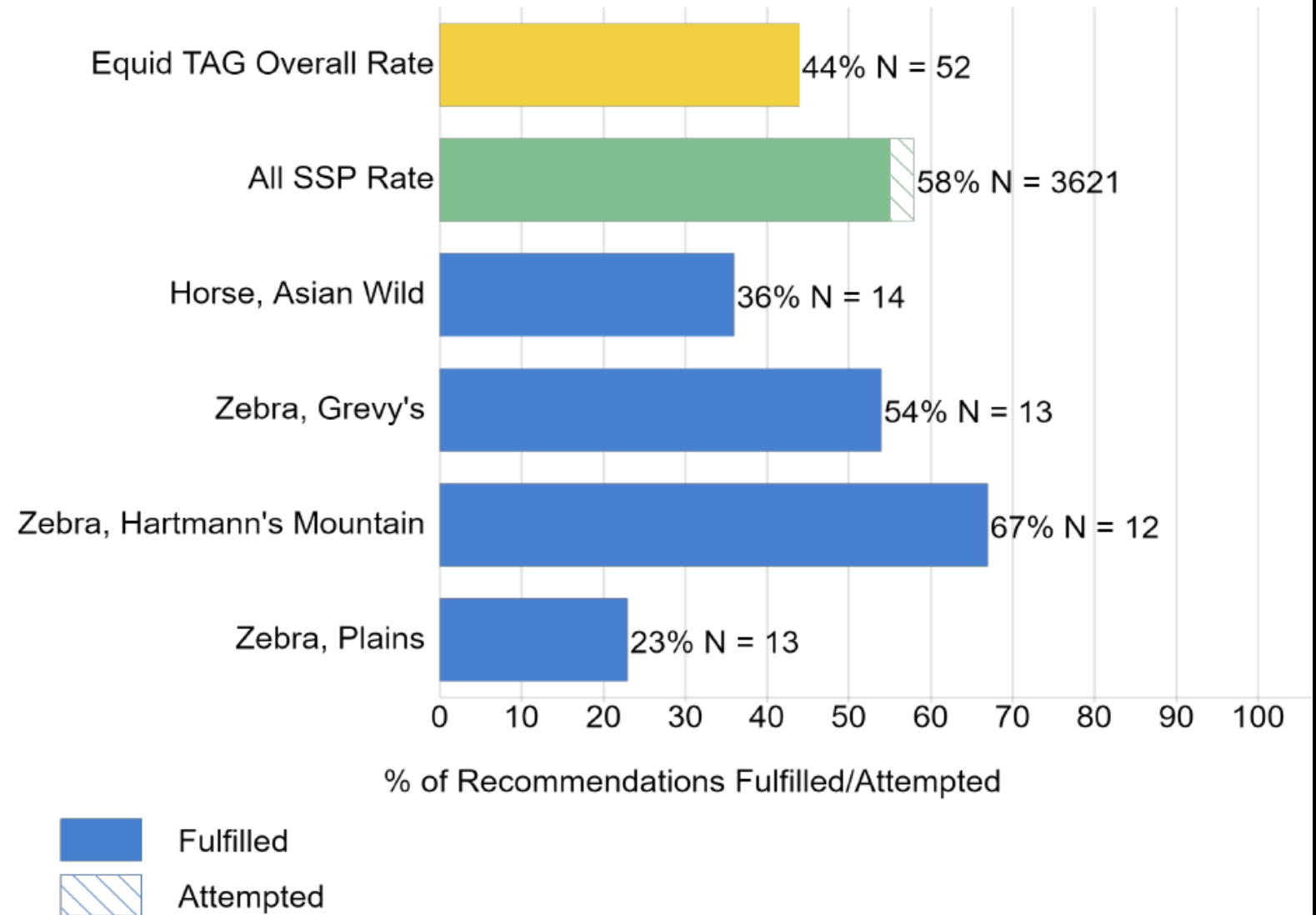




Recommendation Outcomes for Equid TAG

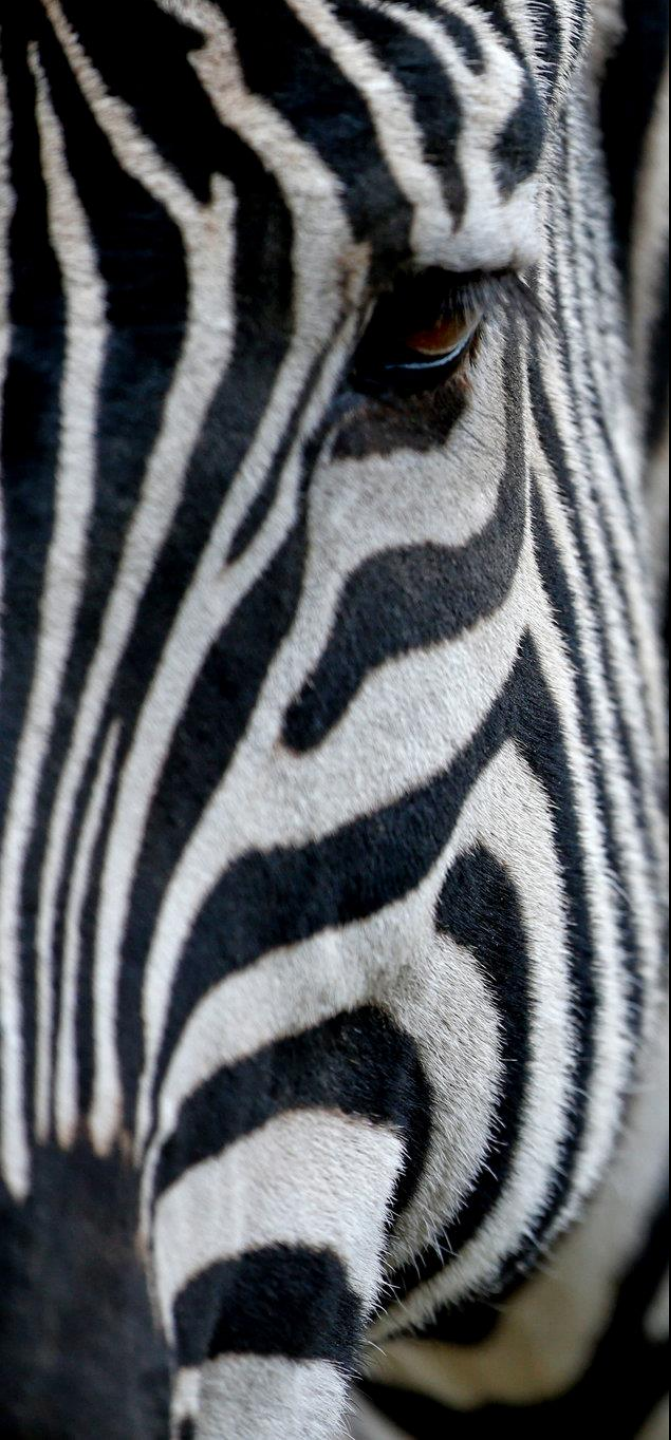
Current Fulfillment Rates for SEND TO Recs Across SSPs

15 Mar 2023



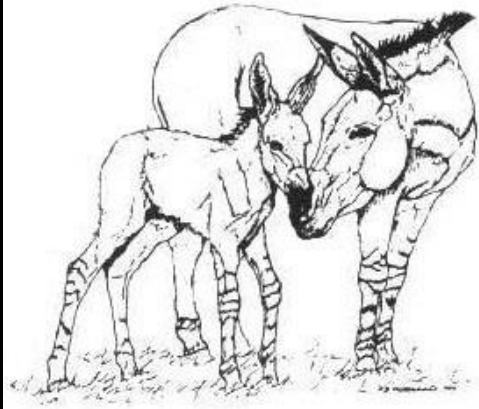
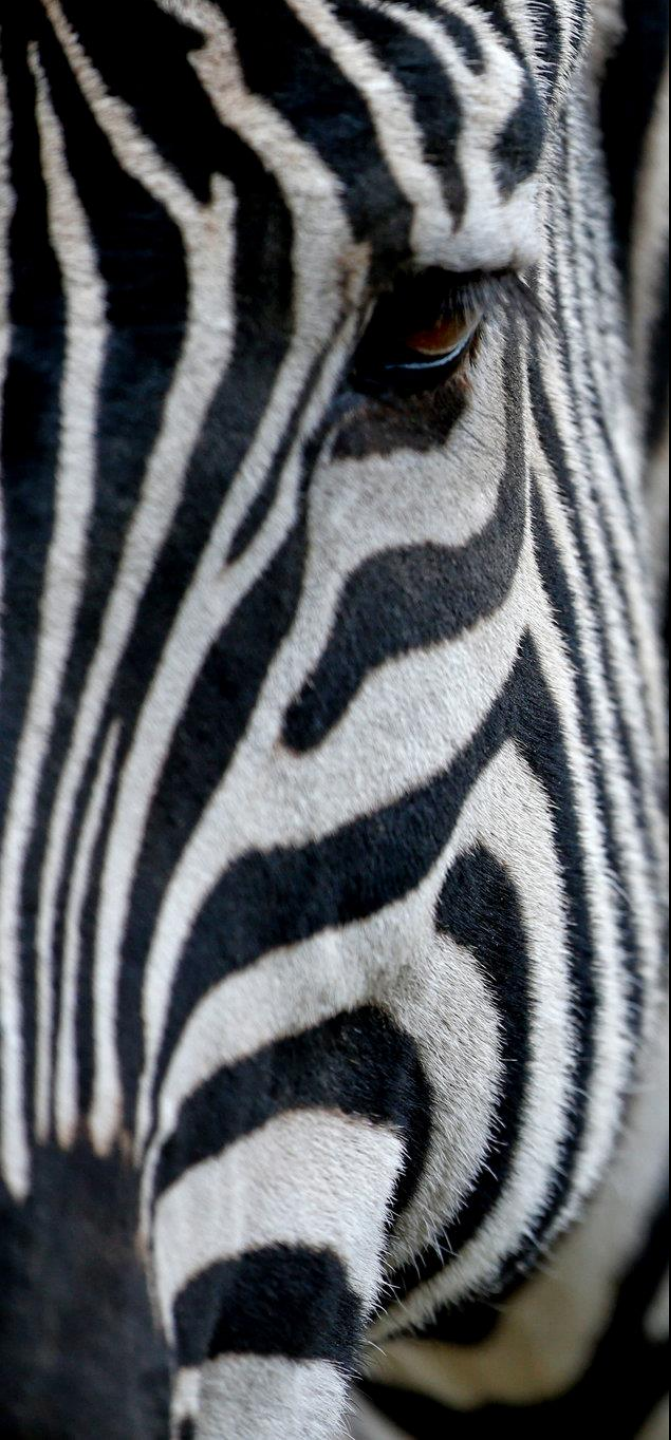


Common Name (Scientific Name)	New 2022 SSP Program Designation	Previous SSP Program Designation	Contact (Name, Email)
Plains Zebra (<i>Equus quagga</i>)	Provisional SSP	Yellow SSP	John Register, jregister@houstonzoo.org
Hartmann's mountain zebra (<i>Equus zebra hartmannae</i>)	Signature SSP	Yellow SSP	
Grevy's zebra (<i>Equus grevyi</i>)	Provisional SSP	Green SSP	Martha Fischer, fischer@stlzoo.org
Asian wild horse (<i>Equus ferus przewalski</i>)	Provisional SSP	Yellow SSP	Mike Barnes, Michael.barnes@miamidade.gov
Somali wild ass (<i>Equus africanus somalicus</i>)	AZA Studbook	TAG-monitored	Yaraila Rodriguez, yrodriguez@white-oak.org (studbook keeper as of 2021)



Przewalski's Horse Clone Update





IUCN/SSC
EQUID
SPECIALIST
GROUP

Review of Disease and Parasites in Equids
The ESG requests information from the AZA Equid TAG

Please contact

Drs Rolfe Radcliffe (rmr45@cornell.edu)

and Erin Goodrich (elg25@cornell.edu)

who are leading this project

Patricia Moehlman and Sarah King

Co-Chairs IUCN/SSC Equid Specialist Group



Drought in Kenya – Grevy's Zebra Trust

Extended severe drought in northern Kenya

5 rainy seasons missed (currently in the 6th – waiting to see what will happen). Basically drought ongoing since October 2020

Emergency feeding/watering initiated by Grevy's Zebra Trust

GZT teams fed an average of 500 Grevy's zebra daily. Of these, 45% were lactating females and foals, 23% non-lactating females, 8% pregnant females, 20% bachelor males and 4% territorial males.

GZT distributed 24,000 bales of hay, 600 bales of lucerne (alfalfa grass), 1,200 kgs of lucerne pellets, and 1,930 kgs of nutritional supplements.

GZT teams drove a total of 34,000 kms to deliver feed to Grevy's zebra herds.

As a result of feeding program, majority of zebras were able to maintain a body condition score of 3 to 3.5 (1 = poor, 5 = excellent).

Approximately 10% of the Grevy's zebra target population died of drought-related causes, which is low compared to other wildlife species in Kenya where no supplementary feeding intervention was implemented.





Great Grevy's Rally

Census of Grevy's zebra conducted every other year

Last Rally January 2020. Did not occur in 2022 due to extended drought situation in northern Kenya.

Tentatively scheduled to happen next in January 2024.

Historically, a team of zoo professionals has assisted with the Great Grevy's Rally.

If interested in participating in 2024, contact Martha Fischer fischer@stlzoo.org for more information.

