

HOOFSTOCK & MARSUPIALS DOCENT CLASS PRESENTATION

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Median Life Expectancy

- "How long can they live?"
 - How long an individual can live vs the median life span can be 2 very different ages
 - The median life expectancy for humans in the U.S. is 77.5 years and the maximum longevity (documented worldwide) is 122 years.
 - This means that assuming that we live to our first birthday, about half of the human population will die before 77 and half will die after. Very few people can expect to reach 122.
 - We use the MLE when discussing animal ages.

Exhibits and Animals within our department

AFRICAN SAVANNA



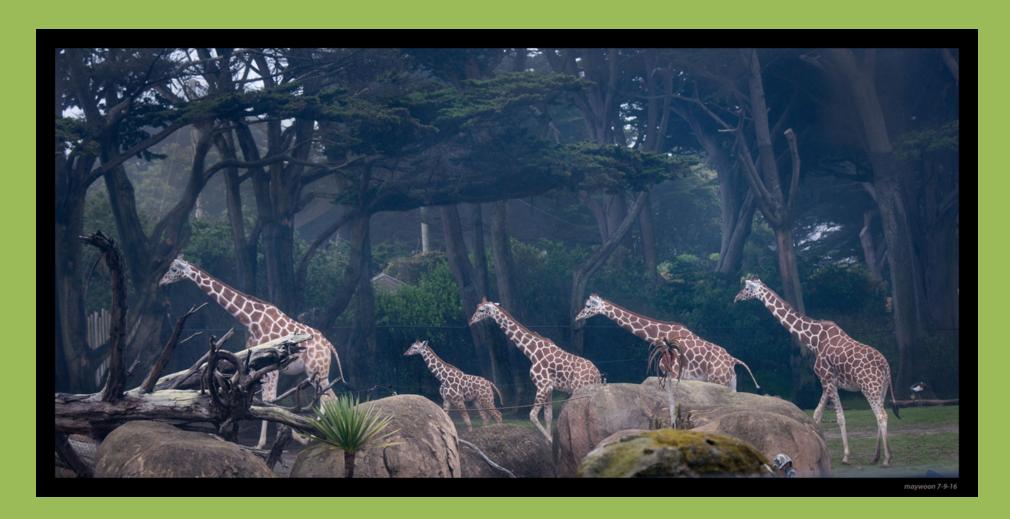
AFRICAN SAVANNA

- 2.5 acre mixed-species exhibit with mammals and birds, and 2 specialized barns
- Ability to separate the space into two halves



Mixed Species, herd dynamics and exhibit promote enrichment



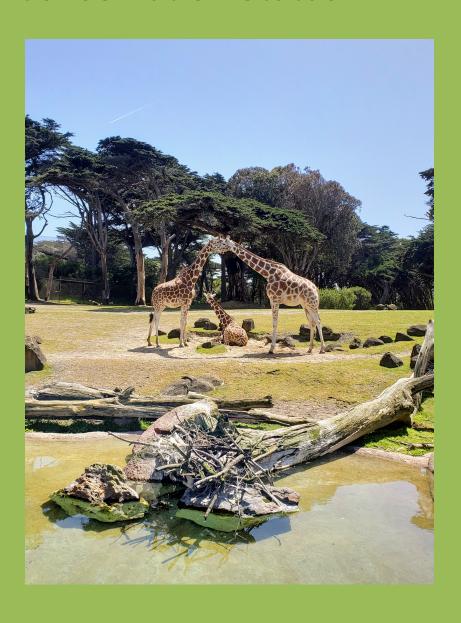


- We have a herd of 1.5 of giraffes (SSP)
 - 1.0: "Floyd" (18)
 - 0.5: "Barbro", (11) "Bititi"(17), "Eve" (8), "Sarah" (6),"Ingrid" (4 in April)
 - MLE: males13.4; female 19.4



- Zoo diet is alfalfa and grass hay, acacia browse, Wild Herbivore
- Produce for training, enrichment, tours
- Browse/enrichment hangers in savanna and barn
- Sand pit
- Chute

Conservation Status:



- IUCN status = VULNERABLE
 - IUCN lists about 70,000 giraffes
- Giraffe numbers have dropped by 30% since 1980's
- Reticulated giraffe was listed as <u>endangered</u> by the IUCN in 2018
 - They currently recognize it as a subspecies
 - GCF supported research suggests there are 4 species of giraffe and 5 subspecies
- IUCN currently estimates 11,000 reticulated giraffe in the wild



AFRICAN SAVANNA

GREATER KUDU





GREATER KUDU

- IUCN status = least concern
- 4 females, 2 males
- Zoo diet is alfalfa and grass hays, grain, and browse
- MLE: male 6.8; female 9.6 (herd ranges in age 5 months)

– 14 years)





GREATER KUDU





AFRICAN SAVANNA

GRANT'S ZEBRA

- IUCN = least concern
- 3 females; 1 born in 1998, 2 in 2006
- Our herd is very curious
- Zoo diet is grass hay, grain, and browse
- MLE: 16.9



African Savanna

African Crowned Cranes

- 2 different species on exhibit:
 - 0.2 Black (7 years) & 2.0 Gray (20 years)
- IUCN = Vulnerable/Endangered
- MLE: about 12 years



AFRICAN SAVANNA

OSTRICH

- 0.4 3 hatched in 2012, 1
 hatched 1996
- Our flock is extremely curious
- Can raise their body temperature to reduce water loss
- MLE: 10.6



- Barns have rubber flooring
- Exhibit has natural substrates, boulders, water features and acacia trees
- Hydraulic chute system for increased health care
 - Rhino blood draw and vaccines



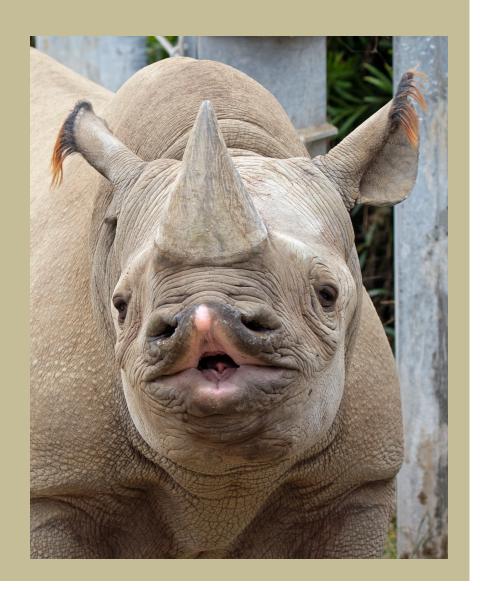
Black Rhino



BLACK RHINO

- Zoo diet is grass and alfalfa hays, produce, grain, and browse
- Exhibit has areas that keepers can create mud for wallowing; also sometimes add sand and woodchips
- "Boone" born 2008; MLE: 19



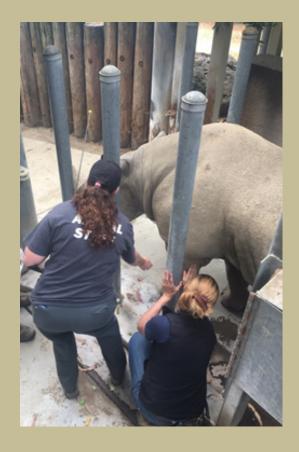


BLACK RHINO

- Yellow = Historic range
- Red = current
- Current estimates:5,500
- IUCN = critically endangered
- Poaching
- Horn is made of keratin



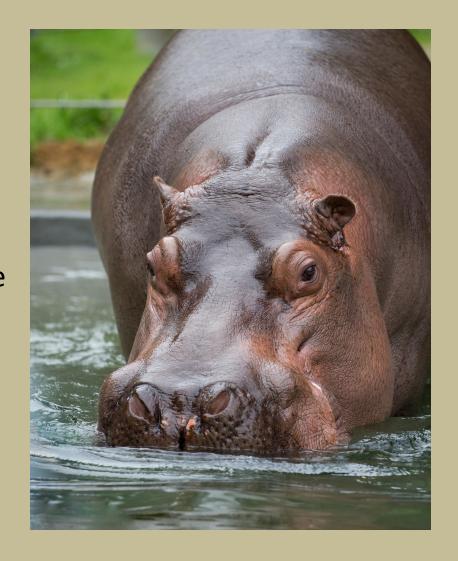
 Training and Chute system for increased health care





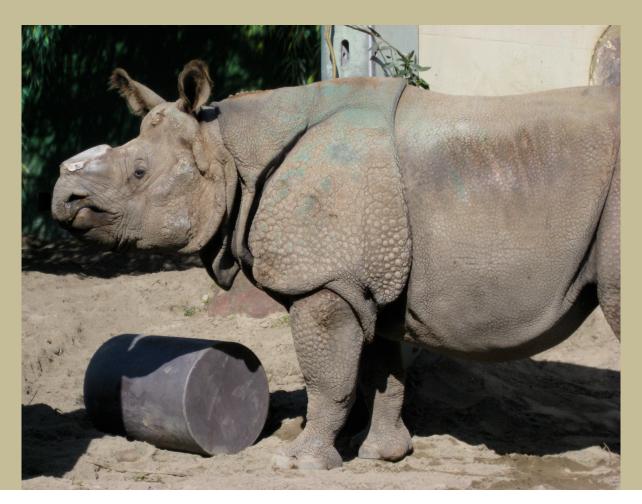
RIVER HIPPO - "Bruce Bochy"

- IUCN = Vulnerable
 - Due to: illegal and unregulated hunting for meat and ivory (found in the canine teeth) and habitat loss
- Bruce was born in 2003, came to the zoo in 2011
- MLE: 37.4
- Exhibit consists of a large pool and meadow



GREATER ONE-HORNED RHINO

- "Gauhati" born in 1995; really enjoys playing "soccer" and loves the water!
- Zoo diet is grass hay, produce, grain, and browse
- MLE: 30.2



GREATER ONE-HORNED RHINO

- IUCN = vulnerable, but success story!
- Numbers have increased due to strict protection from Indian and Nepalese wildlife authorities
 - fewer than 200 earlier in the 20th century to as many as 3,333 today.
- Poaching pressure has remained high in both India and Nepal.
- Threats also include loss of habitat due to agriculture, and invasive alien plants that outcompete plants that serve as food for rhinos.



"Where is his horn?"



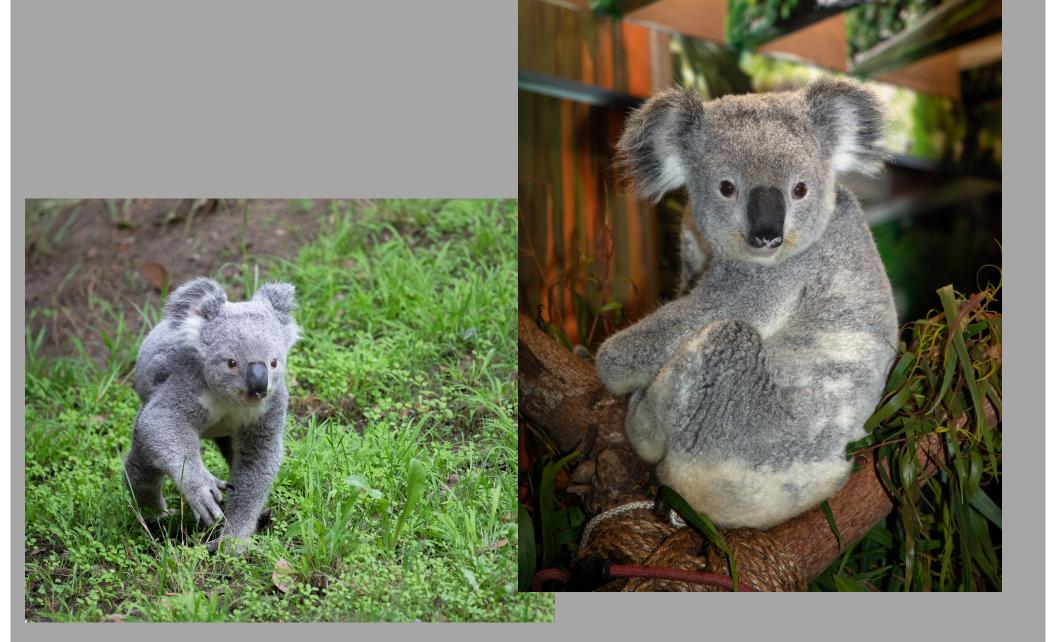
KOALA CROSSING

QUEENSLAND KOALAS

- They're not bears!
- 2.0 "Cobar Wollemi" & "Akoonah"
- SSP
- SF Zoo has a browse program specifically to provide for the koalas
- Naturalistic exhibit with live eucalyptus trees that provide perching and food
- MLE: 10.1



KOALA CROSSING



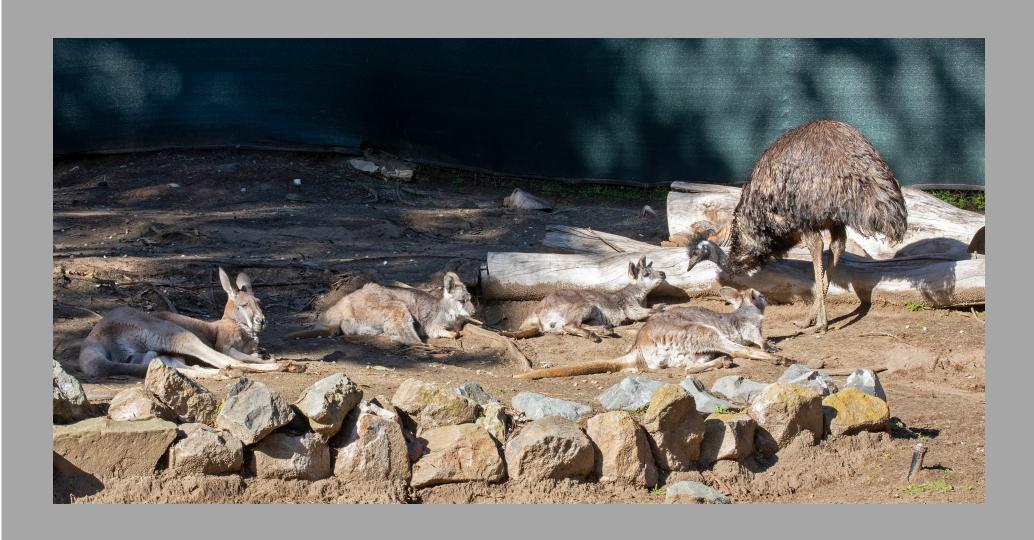
• 1 emu and 2 species of macropods:

- 3.0 red kangaroos (MLE: males 8; females 9.9)

3.2 common wallaroos(MLE: males 8, females 10.1)

- IUCN = least concern
- Large naturalistic exhibit
 with sand pits for dust
 bathing; varying heights
 and coverage for the
 preferences of each species
- Mob dynamics











CHACOAN PECCARY EXHIBIT

- IUCN = Endangered, was believed to be extinct until the 1970's
- 0.5 on exhibit
- First arrived at zoo in 2013, since then have had many pups
- Work with SSP and Proyecto Tagua (conservation in Paraguay)



CHACOAN PECCARY EXHIBIT



CHACOAN PECCARY EXHIBIT



Thank You!

Any Questions?

