

Black Rhino Species Survival Plan—Summary Report

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An overview of the past year (since 1983 AAZPA meeting)

- a. Two males arrived in U.S. from Asa Zoo, Hiroshima, Japan: One went to Cheyenne Mtn. and one went to Metro Miami.
- b. Five animals arrived from Natal: 1.1 went to Mantzell Ranch, 1.2 went to Bentsen Ranch where a female subsequently died. The Heartwater tick problem is now under control at these Texas ranches. An excellent videotape of the facilities and animals at the Mantzell Ranch was presented by their staff.
- c. Only two births: Male born at Cincinnati, now at Denver; male born at Oklahoma City but died several weeks later of congenital heart problem.
- d. One death: Adult female at San Diego.
- e. There is a total of 64 animals in North America to date: 29 males and 35 females.

A Review of the Management Masterplan (attached)

Research

- a. Urine analysis for estrus and pregnancy determination — Ed Ramsay updated everyone on the progress of this research project involving San Diego's endocrine lab — \$500 was requested from each institution to offset assay costs. A plea was made for more samples from more animals.
- b. Rhino palpation for future embryo transfer research — Detroit and Kings Island females will be involved initially.
- c. Roman Schmitt's female will be sent to the Columbus Zoo for inclusion in an artificial insemination program.

Black Rhino Survey

- a. Mailed to propagation group for review — when complete, it will be mailed to all participating institutions.
- b. Plans are underway to develop a handbook on rhino husbandry, reproduction and health that will be updated every several years.
- c. There was a request for copies of all necropsy reports following deaths.
- d. Zoos were urged to weigh and report all stillborn and/or aborted fetuses.

September, 1984

REPRODUCTION OF *MASTOMYS* - UPDATE

1. San Antonio female (SB #100) was sent to the Missouri Zoo on 7/15/84. During Fall, 1984, a male (SB #100) from the San Antonio Zoo will also be sent to Kansas City.
2. Cincinnati Zoo female (SB #274) was sent to the Lincoln Park Zoo on 6/12/84 on breeding loan.
3. Cincinnati Zoo male (SB #332) has been sent to the Denver Zoo and sent there on 7/19/84 to be paired with young Denver female (SB #328). Older Denver pair (SB #124 and #125) was sent to the Kansas City, Kansas Zoo on 7/11/84 for exhibit.
4. Negotiations and a breeding loan agreement has been finalized between the Columbus Zoo and Roman Schmitt who owns a nine year old tractable female. This animal will be moved to Columbus in October.

National Zoo male (SB #768) has been sent to Karen.

5. Oklahoma City Zoo is considering buying or selling one of their pair due to a congenital heart problem resulting in death of last two offspring possibly due to the cross between the two parents. Discussions are ongoing with the Detroit Zoo as a potential partner in the purchase of one of the pair and would like a trio.

Detroit Zoo female (SB #212) will be sent to the St. Louis Zoo to be paired with a male of similar age. San Diego would like a female to pair with their 5 year old male.

6. Additional animals available:

- Zimbabwe male (young orphan)
- Osaka male (1 year), available 1988 - checking parentage
- Detroit Zoo male (7 years)
- Haynes male - may be available on exchange
- Myrtle Zoo - pair available

7. Although Redgate County Zoo wanted a female, given an age to their 1980 born male, breeding has finally been observed between this pair. The female was born in 1972.

8. Cheyenne Mountain Zoo would like a young female. Lincoln Park Zoo will be able to accept a pair sometime in 1986-1988.

9. A female, reportedly imported from Africa, at the Bentsen Ranch in Texas died from ehrlichiosis disease during the pair. The female was thought to be the mother of the two year old owl at the Marshall Ranch. The tick problem at the Bentsen Ranch is now under control. None of the ticks were found on the animals at the Marshall Ranch. Breeding has been observed with this pair at the Bentsen Ranch.

Investigation is ongoing with the White House SNP group to determine new locations for all the animals. Consideration of the animals to be made available.

Chicago Zoo would like a pair of red and white and would like to relocate their pair.