

**Rhode Island
Zoological Society**

Roger Williams Park Zoo 1000 Elmwood Avenue Providence, RI 02907-3659
401-941-3910 Fax: 401-941-3988 www.rogerwilliamsparkzoo.org

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Roger Williams Park Zoo
Jack Mulvena

Memorandum – Via Fax

To: Debbie Olson
From: Jack Mulvena
Date: January 24, 2003
Re: **SSP Recommendations**

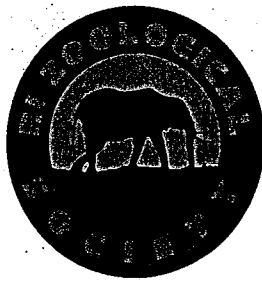
Debbie, thank you for the time and advice you provided during our phone conversation yesterday afternoon. To summarize:

1. Roger Williams Park Zoo currently houses three, female African elephants whose ages and manageability make them priority candidates for breeding.
2. The SSP's recommendation, in order to improve and sustain the captive population, is that the three be bred **at least** once and as soon as possible.
3. Given the breeding needs and recommendations, it is not a responsible option for Roger Williams Park Zoo to simply house the elephants without moving forward on breeding the three in a timely fashion. This is particularly true given the fact that, though the industry sample size is limited, the success rates for first-time breeding greatly diminish as captive African elephants age past 20-22 years.
4. Should the SSP recommend transfer to another AZA-accredited facility, **it is strongly recommended by both the SSP and Roger Williams Park Zoo that the three remain together.**
5. Should the SSP recommend transfer to another AZA-accredited facility, Roger Williams Park Zoo strongly requests that the facility be in a climate that would allow the elephants to remain active and outdoors year round or for the vast majority of the calendar year.
6. If an AZA-accredited facility, in a suitable climate, cannot be identified that would accept the three as an intact herd for breeding, Roger Williams Park Zoo and the SSP would revisit #3 above.

Debbie, thank you again for all your help. Please give me a call at (401) 941-3910 when you receive this fax. I just want to confirm that you have the information in hand and that I have captured our phone conversation correctly.



AMERICAN ZOO AND AQUARIUM ASSOCIATION



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Roger Williams Park Zoo
Jack Mulvena



Memorandum – Via Fax

To: Debbie Olson
From: Jack Mulvena
Date: February 10, 2003
Re: SSP Recommendation

Since our last conversation, I have conducted a series of meetings with members of our Board of Trustees, senior management staff, zoo staff, our elephant management crew and the City of Providence Parks Department. As you are aware we are grappling with a very complex set of variables influencing the present and future of our elephant program.

Our three female, African elephants are significant to our collection and to our public. We had embarked on a plan to design a new building and yard area that would allow us to breed the three and give the zoo the ability to move toward protected contact. However, continuing challenges with the economy coupled with concerns regarding difficult financial decisions facing the city (and the potential negative impact on the zoo) now make it impossible for us to move forward. Our current facility limitations further hinder our options.

Your earlier advice that we consider moving the three elephants to Six Flags in California would be exceedingly difficult for us. We have taken a fairly proactive stance and have articulated a philosophy against program components such as elephant rides. It would be difficult for our public, staff, volunteers and Board to understand why we would then relocate the elephants to such a facility.

Given the challenges facing us, Roger Williams Park Zoo respectfully requests that we continue to hold our three elephants without a formal commitment to breed. We are beginning a process of designing an addition to and/or renovation of our existing facility to better accommodate our three elephants and to improve our capacity to manage in protected contact if needed.

Our primary concern at this time is to ensure that we have a facility that complements our high care standards and allows for the safest environment for

our staff. The design process may include a secondary consideration as to our breeding capability. But, given our current financial and staffing constraints, I must be honest in saying that it is an outside possibility at best.

Roger Williams Park Zoo has the utmost respect for the work and recommendations of the SSP. As I have noted before, we believe that it is in the best interests of the elephants to remain in an intact herd. It is our desire to keep them together here at Roger Williams Park Zoo.

It is difficult for us to proceed with the redesign of our existing facility without a clear directive from the SSP regarding our request and/or our options. Should the SSP honor our request, we would certainly attempt to further our body of knowledge through proactive research efforts on site. Again, we would look for your recommendations as how best to proceed with our research efforts.

Debbie, I realize you have your hands full these days. But, I would appreciate a response from the SSP as quickly as possible. We have reached a crossroads with our program and are reluctant to move forward without the SSP's consent and/or counsel. Thank you again for all your help.

Mulvena, Jack

From: Debbie Olson [dolson@INDYZOO.com]
Sent: Monday, February 17, 2003 11:35 AM
To: JMulvena@rwpzoo.org
Subject: SSP recommendations

Jack

Thanks for your latest update for your situation. The current SSP recommendation for the Roger Williams Park Zoo is stated as "Waiting for results from Zoo master planning before providing breeding recommendations" so technically any move or breeding recommendation is on hold until we hear from you officially regarding the specifics of your master plan.

Although it is our desire to put as many females as possible into breeding situations, as soon as possible as they are rapidly aging, we understand the limitations of institutions and know we must work together to reach our goal of a self-sustaining captive population.

I will present your correspondence to the SSP steering committee. It would be helpful for the SSP to have an understanding of your zoo's master plan for elephants such as timing of new facilities and whether there will be a future commitment to breed or not. This future commitment to breed must include being able to house male offspring into adulthood. Could you please provide me with these specifics and the SSP can then work with you in developing a recommendation/directive to help you proceed with the redesign of your existing facilities.

As you know, you have a valuable breeding population of females and to lose their genetic contribution would be extremely disappointing as well reducing the potential number of elephants and family groups to display in the future. Hopefully we can work together to develop recommendations that will suit the needs of the Roger Williams Park Zoo, the SSP and the elephants.

Debbie



AMERICAN ZOO AND
AQUARIUM ASSOCIATION

4 September 2003

Elephant TAG/SSP
Mike Keele – Chair
Oregon Zoo
4001 S.W. Canyon Rd.
Portland, Oregon 97221
503.220.2445

Steering Committee:

John Lehnhardt – Vice Chair
Steve Wing – Secretary
David Blasko
Bruce Bohmke
Chuck Doyle
Martha Fischer
Charlie Gray
Dale Leeds
Guy Lichty
Steve McCusker
Deborah Olson
Harry Peachy
Mike Quick
Randy Rieches

Dear Institutional Representative:

The following draft recommendations have taken considerable time and thought to develop. They are provided to you for a thirty-day comment period which commences on 15 September 2003 and concludes on 15 October 2003.

Both North American populations of African and Asian elephants continue to decline. The recommendations that have been developed are intended to maximize to the fullest extent possible the current individuals in our collections. As much as practical, the Elephant TAG/SSP Steering Committee attempted to formulate each facility recommendation after a review of that facility's circumstances which were generally communicated to the Steering Committee through the facility's Institutional Representative. There are some recommendations, however, that go beyond some facilities' stated interest. These are meant for careful consideration by the facility and the Steering Committee hopes the decision to follow through on these recommendations will be based on what will serve the greatest good for AZA elephant programs.

Several factors were considered for each facility:

The reproductive and medical status of each individual elephant: There are some proven breeder elephants and/or elephants that have been reproductively assessed that have medical conditions which preclude breeding at this time. Should those conditions change, the TAG/SSP may reconsider recommendations for those animals.

The TAG/SSP has recommended that all animals be reproductively assessed on a regular basis. Considerable resources are involved with both natural breeding and artificial insemination. There are many recommendations for reproductive assessments from Priority 1 through Priority 4. The four priorities are defined as follows:

- Priority #1 - All females age 10-25 that have not reproduced and all males that have not reproduced in the last five years. *To be done within 6 months of master plan approval.*
- Priority #2 - All females age 26 and females under 40 that have not reproduced. *To be done within 1 year of master plan approval.*
- Priority #3 - All females that have reproduced and are currently not in an active breeding program. *To be done within 18 months of master plan approval.*
- Priority #4 - All females under the age of 10 and over the age of 40 that have not reproduced; reproductive males. *To be done within 3 years of master plan approval.*

Currently there are 55 animals of prime breeding age with unknown reproductive status in non-breeding situations. No breeding recommendations have been made for animals of unknown reproductive status. There are several recommendations for these animals to be reproductively assessed.

Maximizing under-represented animals: Some proven breeders are currently not in beneficial breeding situations and we have recommended transferring them to facilities where they can be bred. In other cases, well-represented animals have been recommended to move out of breeding facilities in order to free-up space for additional breeding. Other animals are of prime breeding age and are not in beneficial breeding situations and we have recommended transferring some of them to breeding facilities.

Current and future carrying capacity of each facility: There are several facilities that have plans which will both increase exhibit space for elephants and provide additional holding spaces for both cows and bulls. Many of the future bull holding spaces are a result of expected future births and several breeding recommendations have been made contingent on the TAG/SSP receiving letters of commitment from facility directors specifying these details.

Some facilities holding two animals indicated no future plans to increase their facilities to accommodate additional animals. The TAG/SSP is making several recommendations to these facilities to consider expanding their elephant facilities to hold at least one additional animal. If these recommendations are followed, the outcome could greatly impact the times where the death of one animal leaves the other animal by itself. In the Steering Committee's experience, it can take considerable time to find suitable companion animals for facilities with lone elephants. These situations also carry the risk of inviting outside interests to resolve the lone-animal condition in ways that may not be in the best interest of the individual animal.

A summary of the recommendations for African elephants:

Recommended breedings	35
natural breedings	19
artificial inseminations	16
Transfers	9
male transfers	2
female transfers	7
Reproductive Assessments	76
Priority 1	32
Priority 2	33
Priority 3	0
Priority 4	11

Page Three
African Elephant Breeding Recommendations - DRAFT

The Elephant TAG/SSP appreciates the input and direction that we have received from both Institutional Representatives and facility directors in developing these recommendations. Changes to one facility's recommendations can often impact recommendations for other facilities. We hope that you have provided us with sufficient information so that there will not be a need to make many changes to these recommendations. Please consider each recommendation as it relates to our effort to manage all elephants as one collection in a collaborative manner. Please send your comments to Mike Keele, Elephant TAG/SSP Chair at keelem@metro.dst.or.us by the comment period deadline of 15 October 2003.

AZA Elephant TAG/SSP Steering Committee

2003 African Elephant Recommendation - Draft

ABILENE

Abilene Zoological Gardens

Abilene, TX

Institutional notes: Five-year carrying capacity is for two adult females. In accordance with AZA standards for Elephant Management and Care, Elephant TAG/SSP recommends that Abilene Zoo consider increasing future carrying capacity to a minimum of three animals. Any additional space should be bull capable.

Institutional representative: Jeff Bullock

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
29	F	45	Tanzy	assess/hold		No		assess repro priority 4
185	F	24	Tanya	assess/hold				assess repro priority 1

Summary: Hold both females. F185 needs to be reproductively assessed within 6 months and if viable, placed in a breeding situation as soon as possible.

ASHEBORO

North Carolina Zoological Park

Asheboro, NC

Institutional notes: Five-year carrying capacity is for one adult male and four adult females. Renovations to the elephant facility are currently being planned. Any additional space should be bull capable.

Institutional representative: Guy Lichty

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
135	M	29	C'sar	assess/hold		Yes	170	assess repro priority 1
170	F	25	L.Diamond	assess/hold		Yes	135	assess repro priority 1
242	F	15	Nekhanda	acquire/hold	Edmonton	Yes	135	assess repro priority 1
210	F	21	Rafiki	acquire/hold	Toledo	Yes	135	

Summary: M135, F170, F242 need to be reproductively assessed within six months. If M135 is not viable, should consider acquisition of a different male. If F170 and F242 viable, they should be placed in a breeding situation as soon as possible.

ATLANTA

Zoo Atlanta

Atlanta, Georgia

Institutional notes: Five-year carrying capacity is for three adult females.

Institutional representative: Maria Crane

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
220	F	21	Tara	hold				
221	F	21	Dottie	hold				
227	F	20	Kelly	hold				

Summary: F220, F221, F222 are reproductively viable, some of the youngest females in the SSP and therefore should be placed in a breeding situation as soon as possible. Atlanta Zoo does not have a letter on file with the SSP regarding the holding of male offspring should they be born to these females. Zoo Atlanta should consider AI or propose a strategy for natural breeding.

BALTIMORE**Baltimore Zoo**

Baltimore, MD

Institutional notes: Five-year carrying capacity is for three adult female elephants. In accordance with AZA standards for Elephant Management and Care, Elephant TAG/SSP recommends that Baltimore Zoo consider increasing future carrying capacity to a minimum of three animals.

Institutional representative: Jay Mapp

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
138	F	28	Anna	assess/hold				assess repro priority 2
160	F	27	Dolly	assess/hold				assess repro priority 2

Summary: F138, 160 need to be reproductively assessed and if viable, potentially be placed in a breeding situation preferably prior to age 30.

BROWNSVIL**Gladys Porter Zoo**

Brownsville, TX

Institutional notes: Five-year carrying capacity is one adult male and three adult females. In accordance with AZA standards for Elephant Management and Care, Elephant TAG/SSP recommends that Gladys Porter Zoo consider increasing future carrying capacity to a minimum of three animals.

Institutional Representative: Jerry Stones

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
45	M	40	Macho	assess/hold				assess repro priority 1
168	F	24	Ruth	assess/hold				assess repro priority 1

Summary: M45 is a multiple proven breeder. Needs to be reproductively assessed within six months and if viable, cows should be found to be sent to the Gladys Porter Zoo, or M45 should be moved to an institution with breedable cows. EMC virus is a potential issue for moving females without EMC titers to the Gladys Porter Zoo. F168 needs to be reproductively assessed within six months and if viable, bred as soon as possible.

CALDWELL**Caldwell Zoo**

Tyler, Texas

Institutional notes: Five year carrying capacity is for three adult females and one adult bull.

Institutional representative: Scott Maddox

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
70	F	35	Kiki	send to	Dallas			assess repro priority 2
124	F	31	Rolinda	assess/hold	Caldwell	Yes	54	assess repro priority 2
157	F	26	Tanya	assess/hold	Caldwell	Yes	54	assess repro priority 2
179	F	25	Binti	assess/hold	Caldwell	Yes	54	assess repro priority 1
54	M	36	Chico	hold	Caldwell	Yes	124, 157, 179	

Summary: F124, 157, 179 need to be reproductively assessed within one year, and if viable bred to M54. F70 should be moved to the Dallas Zoo at the earliest possible opportunity.

CHICAGOBR**Brookfield Zoo**

Chicago, Illinois

Institutional notes: Five-year carrying capacity is for three adult female elephants. In accordance with AZA standards for Elephant Management and Care, Elephant TAG/SSP recommends that Brookfield Zoo consider increasing future carrying capacity to a minimum of three animals.

Institutional representative: Ann Petric

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
86	F	34	Affie	assess/hold				assess repro priority 2
203	F	23	Christy	assess/hold				assess repro priority 1

Summary: F203 needs to be reproductively assessed within six months and if viable be placed in a breeding situation as soon as possible. F86 needs to be reproductively assessed within a year and if viable potentially be considered for a breeding situation.

CHICAGOLP**Lincoln Park Zoological Gardens**

Chicago, Illinois

Institutional notes: Five-year carrying capacity is for three adult female elephants.

Institutional representative: Robyn Barbiers

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
12	F	53	Peaches	hold		No		
73	F	34	Wanki	hold		No		
74	F	34	Tatima	hold		No		

Summary: F 12, 73, 74 are all considered post-reproductive.

CLEVELAND**Cleveland Metroparks**

Cleveland, Ohio

Institutional notes: Five-year carrying capacity is for three adult female elephants.

Institutional representative: Alan Sironen

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
62	F	33	Jo	assess/hold				assess repro priority 2
139	F	27	Moshi	assess/hold				assess repro priority 2
231	F	22	Martika	assess/hold				assess repro priority 1

Summary: F231 needs to be reproductively assessed within six months and if viable be placed in a breeding situation as soon as possible. F62, 139 need to be reproductively assessed within a year and if viable potentially be considered for a breeding situation.

COLO SPRG**Cheyenne Mountain Zoological Park**

Colorado Springs, Colorado

Institutional notes: Five-year carrying capacity is for two female elephants. In accordance with AZA standards for Elephant Management and Care, Elephant TAG/SSP recommends that Cheyenne Mountain Zoo consider increasing future carrying capacity to a minimum of three animals. Any additional space should be bull capable.

Institutional representative: Tracy Leeds

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
150	F	26	Kimba	hold		No		non-repro/flatliner
187	F	24	Lucky	hold		No		non-repro/flatliner

Summary: Hold all animals.**COLUMBIA****Riverbanks Zoological Park**

Columbia, SC

Institutional notes: Five-year carrying capacity is for four adult female elephants. Bull holding was initially designed by this facility. Since the females are of prime breeding age, bull facilities should be constructed as soon as possible.

Institutional representative: Steve Wing

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
192	F	23	Penny	assess/hold				assess repro priority 1
206	F	22	Belle	assess/hold				assess repro priority 1
405	F	20	Tumpe	assess/hold				assess repro priority 1

Summary: F192, 206, 405 need to be reproductively assessed within six months and if viable, be placed in a breeding situation as soon as possible.

DALLAS**Dallas Zoo**

Dallas, Texas

Institutional notes: Five-year carrying capacity is for two adult female elephants. In accordance with AZA standards for Elephant Management and Care, Elephant TAG/SSP recommends that Dallas Zoo consider increasing future carrying capacity to a minimum of three animals. Any additional space should be bull capable.

Institutional representative: Ken Kaemmerer

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
141	F	26	Jenny	assess/hold				assess repro priority 2
70	F	35	Kiki	acquire/hold	Caldwell			assess repro priority 2

Summary: F 26, 35 need to be reproductively assessed, and if viable, may be considered for placement in a breeding situation.

DISNEYAK**Disney Animal Kingdom**

Lake Buena Vista, Florida

Institutional notes: Five year carrying capacity is for eight adult females and three adult males.

Institutional representative: John Lehnhardt

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
127	F	30	Petunia	hold		No		non repro
190	F	24	Rafiki	hold		No		non repro
195	F	23	Thandi	hold		No		non repro
92	F	32	Robin	hold		No		recently lost calf
189	F	24	Ibala	hold		Yes	368	
205	F	22	Moyo	hold				recently gave birth
239	F	18	Vasha	hold				currently pregnant
368	M	27	Jackson	send to	Knoxville	Yes		
379	M	25	Willy	hold		No		non-reproductive
398	M	20	Maclean	hold		Yes		Semen donor too
527	M	3 mo	Tufani	hold				
163	M	24	Tonka	send to	DisneyAK	Yes		assess repro priority 1

Summary: F220, 221, 227 need to be moved to Disney Animal Kingdom and placed in a breeding situation as soon as possible. M368 should be sent to Knoxville Zoo for breeding. M163 should be acquired from the Knoxville Zoo to train as semen donor and natural breeder.

GARDENCTY**Lee Richardson Zoo**

Garden City, Kansas

Institutional notes: Five-year carrying capacity is for two adult female elephants. In accordance with AZA standards for Elephant Management and Care, Elephant TAG/SSP recommends that the Lee Richardson Zoo consider increasing the future carrying capacity to three animals. Any additional space should be bull capable.

Institutional representative: Delfi Messenger

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
213	F	21	Msichana	hold		Yes		breed by AI
217	F	21	Mokala	hold		Yes		breed by AI

Summary: F213, F217 are of prime breeding age and should be bred as soon as possible.

GRANBY**Granby Zoo**

Granby, Quebec, Canada

Institutional notes: Five-year carrying capacity is for two adult female elephants. In accordance with AZA standards for Elephant Management and Care, Elephant TAG/SSP recommends that the Granby Zoo consider increasing the future carrying capacity to three animals. Any additional space should be bull capable.

Institutional representative: Danielle Delisle

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
379	F	24	Toutonne	hold		No		repro tract abnormal
410	F	19	Sarah	hold		Yes		breed by AI

Summary: F410 is of prime breeding age and should be bred as soon as possible.

GREENVISC**Greenville Zoo**

Greenville, South Carolina

Institutional notes: Five-year carrying capacity is for two adult female elephants. In accordance with AZA standards for Elephant Management and Care, Elephant TAG/SSP recommends that the Greenville Zoo consider increasing the future carrying capacity to three animals. Any additional space should be bull capable.

Institutional representative: Robert Wilson

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
91	F	33	Joni	hold				assess repro priority 2
41	F	40	Mamie	acquire/hold				assess repro priority 4

Summary: F91 is currently a singleton animal and needs to have a companion as soon as possible. A reproductive assessment within a year is needed and may result in a breeding recommendation.

HOGLE**Utah's Hogle Zoo**

Salt Lake City, Utah

Institutional notes: Five-year carrying capacity is for three adult female elephants. In accordance with AZA standards for Elephant Management and Care, Elephant TAG/SSP recommends that the Utah's Hogle Zoo consider increasing the future carrying capacity to three animals. Any additional space should be bull capable.

Institutional representative: Doug Tomkinson

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
33	F	43	Hydari	hold		No		assess repro priority 4
241	F	17	Christi	hold				assess repro priority 1

Summary: F241 needs to be reproductively assessed within six months and if viable, be placed in a breeding situation as soon as possible.

INDIANAPL**Indianapolis Zoo**

Indianapolis, Indiana

Institutional notes: Five-year carrying capacity is for nine adult female elephants and two adult males.

Institutional representative: Deborah Olson

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
66	F	35	Sophi	hold		No		non-repro/flatliner
79	F	34	Cita	hold		Yes		breed by AI
143	F	27	Kubwa	hold		Yes		breed by AI
147	F	27	Tombi	hold		Yes		breed by AI
218	F	21	Ivory	hold		Yes		breed by AI
515	M	3	Ajani	hold				

Summary: F79, 147 to be bred by AI using fresh semen. F143, 218 to be bred by AI using frozen semen.

JACKSON**Jackson Zoo**

Jackson, Mississippi

Institutional notes: Five-year carrying capacity is for three adult female elephants.

Institutional representative: Dave Wetzel

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
71	F	34	Rosi	assess/hold				assess repro priority 2
120	F	31	Marrie	assess/hold				assess repro priority 2
196	F	23	Juno	assess/hold				assess repro priority 1

Summary: F196 needs to be reproductively assessed within six months and if viable, be placed in a breeding situation as soon as possible. F 71, F120 need to be reproductively assessed within one year and if viable, may be considered for placement in a breeding situation.

JACKSONVL**Jacksonville Zoo**

Jacksonville, Florida

Institutional notes: Five-year carrying capacity is for four adult female elephants and one adult male.

Institutional representative: Craig Miller

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
81	F	34	Missy	assess/hold				assess repro priority 2
211	F	20	Kimba	assess/hold				assess repro priority 1
226	F	20	Sheena	assess/hold				assess repro priority 1
477	M	12	Ali	assess/hold				assess repro priority 1

Summary: F211, 226 and M 477 need to be reproductively assessed within six months. If M477 is not viable, and F211 and 226 are viable, they should be placed in a breeding situation as soon as possible. Such a situation includes moving to a bull, AI, or Jacksonville acquire a proven breeder bull.

KANSASCTY**Kansas City Zoo**

Kansas City, Missouri

Institutional notes: Five-year carrying capacity is for six adult female elephants and two adult males.

Institutional representative: Conrad Schmitt

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
43	F	43	Penney	assess/hold		No		assess repro priority 4
65	F	34	Lady	hold		No		still born calf
169	F	25	Tatu	hold		Yes	374	
172	F	25	Megan	hold		Yes	374	
176	F	25	Lea	hold		Yes	374	
177	F	25	Lois	hold		Yes	374	
14	M	52	Casey	assess/hold		No		assess repro priority 1
374	M	25	Dale			Yes	169,172, 176, 177	

Summary: F169, F172, F176, F177 should be bred as soon as possible. Kansas City Zoo is encouraged to seek another breeding bull. If one is found, M374 should be sent to Omaha's Henry Doorly Zoo for breeding of their cows and semen collection.

KNOWLAND**Oakland Zoo in Knowland Park**

Oakland, California

Institutional notes: Five-year carrying capacity is for six adult female elephants and two adult males.

Institutional representative: Colleen Kinzley

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
72	F	34	Dunda	hold				assess repro priority 2
199	F	30	Donna	hold		Yes	?	
369	F	26	Eloise	hold		Yes	?	

Summary: F199, F369 are proven breeders and need to be bred as soon as possible. Oakland Zoo is encouraged to seek out an adult male elephant as soon as possible for breeding of these two cows.

Potential males are M 178 and M491.

KNOXVILLE**Knoxville Zoological Gardens**

Knoxville, Tennessee

Institutional notes: Five-year carrying capacity is for four adult female elephants and two adult males.

Institutional representative: Becky Hargis

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
41	F	40	Mamie	send to	Greenvisc			assess repro priority 4
200	F	23	Jana	assess/send to	Louisville			assess repro priority 1
500	F	21	Edie	assess/hold				assess repro priority 1
42	F	34	Ruby	assess/hold				assess repro priority 2
163	M	24	Tonka	assess/send to	DisneyAK			assess repro priority 1
368	M	27	Jackson	acquire/hold	Knoxville	Yes		
469	F	19	Donna	acquire/hold		Yes	368	

Summary: F41 to be sent to Greenville Zoo as a companion to their singleton elephant. F200 should be reproductively assessed within six months and placed in a breeding situation prior to her placement at Louisville. F500 should be reproductively assessed within six months and if viable and upon resumption of her estrous cycle, placed in a breeding situation. F 42 needs to be reproductively assessed within a year and if viable, may be recommended for breeding. M163 should be sent to the Disney Animal Kingdom to be trained as a semen donor and to encourage natural breeding behaviors. M368 should be acquired by the Knoxville Zoo for breeding of available females. F469 should be acquired for breeding to M368.

LOSANGELE**Los Angeles Zoo**

Los Angeles, California

Institutional notes: Future plan is to only display Asian elephants.

Institutional representative: Jeff Briscoe

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
57	F	43	Tara	assess/hold				assess repro priority 4

Summary: Hold F57 unless suitable future placement is found.

LOUISVILL**Louisville Zoo**

Louisville, Kentucky

Institutional notes: Five-year carrying capacity is for four adult females elephants. Renovations to the elephant facility are currently being planned. Any additional space should be bull capable. Future plan is to display only African elephants.

Institutional representative: Steve Taylor

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
238	F	18	Mickey	assess/hold				assess repro priority 1
200	F	23	Jana	acquire/hold	Knoxville			assess repro priority 1

Summary: F238, F200 need to be reproductively assessed within six months and if viable, be placed in a breeding situation as soon as possible.

MEMPHIS**Memphis Zoo**

Memphis, Tennessee

Institutional notes: Five-year carrying capacity is for two adult female elephants. In accordance with AZA standards for Elephant Management and Care, Elephant TAG/SSP recommends that Memphis Zoo consider increasing future carrying capacity to a minimum of three animals. Any additional space should be bull capable.

Institutional representative: Houston Winbigler

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
49	F	38	Tyranza	Hold		No		assess repro priority 2
237	F	18	Asali	Hold		Yes		Breed by AI

Summary: F237 should be bred as soon as possible by AI.

METROZOO**Miami MetroZoo**

Miami, Florida

Institutional notes: Five-year carrying capacity is for three adult female elephants and one adult male.

Institutional representative: Eric Stevens

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
145	F	26	Peggy	assess/hold				assess repro priority 2
146	F	26	Mabel	assess/hold				assess repro priority 2
197	M	23	Machito	assess/hold				assess repro priority 1

Summary: F145, F146 need to be reproductively assessed within one year and if viable may be recommended for breeding. M 197 is a proven breeder but needs to be reproductively assessed within six months to check current viability.

MILWAUKEE**Milwaukee County Zoological Gardens**

Milwaukee, Wisconsin

Institutional notes: Five-year carrying capacity is for two adult female elephants. In accordance with AZA standards for Elephant Management and Care, Elephant TAG/SSP recommends that Milwaukee County Zoo consider increasing future carrying capacity to a minimum of three animals. Any additional space should be bull capable.

Institutional representative: Bruce Beehler

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
26	F	46	Lucy	assess/hold				assess repro priority 4
451	F	22	Brittney	assess/hold				assess repro priority 1

Summary: F451 needs to be reproductively assessed within six months and if viable, be placed in a breeding situation as soon as possible.

NORFOLK**Virginia Zoological Park**

Norfolk, Virginia

Institutional notes: Five-year carrying capacity is for two adult female elephants.

Institutional representative: Jody Watkins

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
128	F	30	Monica	assess/hold				assess repro priority 2
130	F	30	Lisa	assess/hold				assess repro priority 2

Summary: F 128, F130 need to be reproductively assessed within one year and if viable, may be considered for placement in a breeding situation.

OMAHA**Omaha's Henry Doorly Zoo**

Omaha, Nebraska

Institutional notes: Five-year carrying capacity is for three adult female elephants and one adult male.

Institutional representative: Dan Cassidy

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
47	F	40	Malaika	assess/hold				assess repro priority 4
488	F	21	Shenga	assess/hold				assess repro priority 1

Summary: F488 needs to be reproductively assessed within six months and if viable be placed in a breeding situation as soon as possible. Omaha's Henry Doorly Zoo should consider the acquisition of M374 for breeding and semen collection, if the Kansas City Zoo is able to acquire a proven breeder bull.

PHILADELPHIA**Philadelphia Zoological Gardens**

Philadelphia, Pennsylvania

Institutional notes: Five-year carrying capacity is for three adult female elephants. Renovations to the elephant facility are currently being planned. Any additional space should be bull capable.

Institutional representative: Kim Whitman

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
20	F	47	Petal	assess/hold				assess repro priority 4
401	F	21	Kali	assess/hold				assess repro priority 1
448	F	21	Betty	assess/hold				assess repro priority 1

Summary: F401, F448 need to be reproductively assessed within six months and if viable be placed in a breeding situation as soon as possible.

PITTSBURG**Pittsburgh Zoo**

Pittsburgh, Pennsylvania

Institutional notes: Five-year carrying capacity is for four adult female elephants and one adult bull.

Institutional representative: Lee Nesler

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
148	F	26	Natasha	hold		No		non-reproductive
215	F	21	Moja	hold		No		raising calf
219	F	20	Savanna	hold		No		raising calf
505	F	4	Victoria	hold				
516	M	3	Calee	hold				

Summary: F215, F219 will be recommended for breeding in 2005**PROVIDENCE****Roger Williams Park Zoo**

Providence, Rhode Island

Institutional notes: Five-year carrying capacity is for three adult females. Institution is interested in getting out of elephants.

Institutional representative: Jennifer Warmbold

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
233	F	18	Alice	send to	Redwood	Yes		breed by AI
234	F	18	Ginny	send to	Redwood	Yes		breed by AI
235	F	18	Kate	send to	Redwood	Yes		breed by AI

Summary: F233, F234, F235 are reproductively viable and should be bred within the year.**REDWOOD****Six Flags Marine World**

Vallejo, California

Institutional notes: Five year carrying capacity is for nine adult females.

Institutional representative: David Blasko

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
372	F	25	Tava	hold		Yes		breed by AI
389	F	22	Misha	hold		Yes		breed by AI
389	F	22	Malaika	hold		No		medical condition
233	F	18	Alice	acquire/hold	Redwood	Yes		breed by AI
234	F	18	Ginny	acquire/hold	Redwood	Yes		breed by AI
235	F	18	Kate	acquire/hold	Redwood	Yes		breed by AI

Summary: F372, F389, F233, F234, F235 to be bred by AI using fresh semen.

RIO GRAND**Albuquerque Biological Park**

Albuquerque, New Mexico

Institutional notes: Future plan is to display only Asian elephants.

Institutional representative: Tom Silva

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
469	F	19	Donna	send to	Knoxville	Yes	368	

Summary: F469 is reproductively viable and should be bred within the year. It is recommended she be transported to the Knoxville Zoo for breeding with M368.

ROCHESTER**Seneca Park Zoo**

Rochester, New York

Institutional notes: Future plan is to only display Asian elephants.

Institutional representative: Gail Tabone

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
153	F	25	Genny C	hold		Yes		breed by AI
174	F	25	Lilac	hold		Yes		breed by AI

Summary: F153, F174 to be bred by AI using fresh semen.

SAN ANTON**San Antonio Zoo**

San Antonio, Texas

Institutional notes: Future plan is to display only Asian elephants.

Institutional representative: Steve McCusker

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
27	F	45	Alport	hold		No		assess repro priority 4

Summary: Currently M27 is housed with two female Asian elephants. Hold unless suitable future placement is found.

SAN FRAN**San Francisco Zoo**

San Francisco, California

Institutional notes: Future plan is to display only Asian elephants.

Institutional representative: Michele Rudovsky

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
32	F	43	Maybelle	hold		No		assess repro priority 4
61	F	37	Lulu	hold		No		assess repro priority 4

Summary: Hold F32, F61 unless suitable future placement is found.

W PALM BE

Lion Country Safari, Inc
West Palm Beach, Florida

Institutional notes: Five year carrying capacity is for three adult females and one adult male.

Institutional representative: Terry Wolf

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
94	F	33	Mama	hold				assess repro priority 2
55	F	38	Stumpy	hold				assess repro priority 2
115	F	32	Ladybird	hold				assess repro priority 2
166	M	22	Bulwagi	hold		Yes		Collect for AI

Summary: F94, F55, F115 need to be reproductively assessed within one year and if viable, may be recommended for breeding. M166 is currently a prime semen donor.

WACO

Cameron Park Zoo
Waco, Texas

Institutional notes: Five-year carrying capacity is for three adult female elephants.

Institutional representative: Joe Grubic

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
144	F	26	Tembo	Hold				assess repro priority 2
466	F	19	Zoe	Hold				assess repro priority 1

Summary: F144 needs to be reproductively assessed within one year and if viable, may be recommended for breeding. F466 needs to be reproductively assessed within six months and if viable, bred as soon as possible.

WINSTON

Wildlife Safari Inc.
Winston, Oregon

Institutional notes: Five-year carrying capacity is for four adult female elephants and one adult male.

Institutional representative: Dinah Wilson

ID	Sex	Age	Additional Info	Disposition	Location	Breeding	With	Notes
84	F	33	Alice	Hold				assess repro priority 2
85	F	33	Tiki	Hold				assess repro priority 2
201	M	22	George	Hold		No		castrated

Summary: F84, F85 need to be reproductively assessed within one year and if viable, may be recommended for breeding.



Department of Public Parks

"Building Pride in Providence"

October 23, 2003

Mike Keele
Elephant TAG/SSP Chair
Oregon Zoo
4001 S.W. Canyon Road
Portland, OR 97221

Dear Mike:

The Elephant TAG/SSP draft recommendations, dated September 4, 2003, incorrectly state that Roger Williams Park Zoo "is interested in getting out of elephants". Our last written correspondence to Debbie Olson, dated May 14, 2003, clearly indicates that Roger Williams Park Zoo is "unable at this time to move forward on breeding our elephants."

The correspondence states that the zoo is considering two options. "One option would be for Roger Williams Park Zoo to abandon its intent to breed our three elephants until we complete other pressing needs identified in our Master Plan.... The second option would be for Roger Williams Park Zoo to consider permanently relocating the three to another AZA-accredited facility following recommendation by the SSP and inspection and evaluation of the facility by Roger Williams Park Zoo." It was noted that we would "pursue both paths immediately and concurrently."

We were disappointed that the draft recommendations call for our consideration of placement at Six Flags Marine World.

On January 23, 2003, I had a phone conversation with Debbie during which I described the difficulties the zoo faced. I followed this conversation up with written correspondence and Debbie called back shortly thereafter to say that Six Flags Marine World might be interested in acquiring the three elephants from us.

After consultation with select Board members, Providence Parks Department leaders and staff, I wrote back to Debbie to further articulate our position for the SSP. In the correspondence, dated February 10, 2003, I clearly explained that "moving the three elephants to Six Flags in California would be exceedingly difficult for us. We have taken a fairly proactive stance and have



ROGER WILLIAMS PARK ZOO

1000 Elmwood Avenue Providence, RI 02907-3659 (401) 785-3510 fax: (401) 941-3988

articulated a philosophy against program components such as elephant rides. It would be difficult for our public, staff, volunteers and Board to understand why we would then relocate the elephants to such a facility." We feel we were clear in our position that, for Roger Williams Park Zoo to consider disposition, alternatives to Six Flags Marine World needed to be identified and recommended by the SSP.

In her email response, dated February 17, 2003, we were encouraged by Debbie's comments that "we can work together to develop recommendations that will suit the needs of the Roger Williams Park Zoo, the SSP and the elephants."

Following the AZA regional conference in May 2003, Debbie called me to say that the TAG/SSP had met and that Six Flags Marine World would be the recommended site for Roger Williams Park Zoo's consideration. I reiterated our position that we would not support the recommendation and sent correspondence, dated May 14, 2003, to Debbie again articulating our interest in "actively seeking SSP input" for the purpose of working together cooperatively. In the correspondence, I noted that one of several requirements we would have in considering an alternative facility would be that "the recommended AZA-accredited facility would be recognized as a progressive, leader in elephant management, conservation and research."

Roger Williams Park Zoo feels strongly that we have communicated clearly and in good faith and have made every attempt to work cooperatively with the TAG/SSP to help ensure the success of the recommendation process. We recognize how difficult, complicated and time-consuming the recommendation process is for the members of the TAG/SSP. However, the TAG/SSP draft recommendations again call for us to consider a facility that for seven months we have asked be removed from our consideration.

Roger Williams Park Zoo is not prepared to support the TAG/SSP draft recommendations for disposition to Six Flags Marine World. We acknowledge and appreciate the TAG/SSP's recommendation to breed our three elephants as soon as possible. However, over the course of the past several months, we have truly come to an increased appreciation for just how strongly connected our public, staff and volunteers are to our elephants.

We have recently completed a design process, referenced in our May 14, 2003 correspondence, to renovate our existing elephant building and yard to make it compatible for protected contact management. The renovation includes building expansion necessary for protected contact management, significant yard improvements and additions and visitor service improvements designed to ensure the long-term success of our elephant program. Roger Williams Park Zoo will need to focus its immediate attention on ensuring the success of this project, expected to be completed in the next two years.

During this time, all hormonal assessments will continue per AZA's "Standards for Elephant Management and Care". In addition, we will work with the TAG/SSP to determine if and when

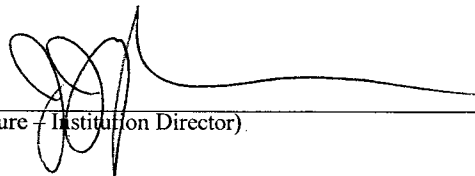


Certificate of Compliance

With the AZA Standards for Elephant Management and Care

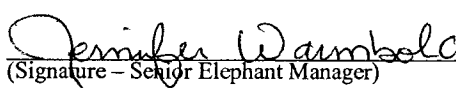
ROGER WILLIAMS PARK ZOO
(Name of Institution)

- I hereby certify that the institution named above is in compliance with the AZA Standards for Elephant Management and Care.
- The institution named above is not in compliance with the AZA Standards for Elephant Management and Care at this time. I estimate that the above named institution will achieve compliance by 12/05. (IN COMPLIANCE WITH MAJORITY.)
(Month/Year)


(Signature - Institution Director)

JACK MULVENA
(Print Name)

1/22/04
(Date)


(Signature - Senior Elephant Manager)

JENNIFER WARBOLD
(Print Name)

1/22/04
(Date)


(Signature - Senior Animal Manager)

PATRICK SHARKEY
(Print Name)

1/22/04
(Date)

Please return this form by January 23, 2004 to:

Accreditation Programs, AZA ? 8403 Colesville Road ? Suite 710 ? Silver Spring, MD ? 20910



24 May 2004

AMERICAN ZOO AND
AQUARIUM ASSOCIATION

Committee Jack Mulvena, Director
 Roger Williams Park Zoo
Chairman/Advisor 1000 Elmwood Ave.
 Providence, RI 02907

Dear Jack:

I am writing this letter on behalf of the Elephant TAG/SSP in hopes of clearing up what appears to be a misunderstanding regarding recent "draft" African elephant breeding recommendations for your institution.

The Elephant TAG/SSP Steering Committee discussed Roger Williams Park Zoo's (RWPZ) response to the draft recommendations that were sent out in October of 2003. In the response you clearly indicate your disappointment that the recommendations continue to be to send your three African elephants to a facility that would be difficult to justify to your community. We made that recommendation because we feel that the facility meets and exceeds AZA Standards for Elephant Management and Care. This facility was also willing to commit considerable resources to breed these important females. There are not that many AZA facilities holding elephants who are willing, or even able, to make the kind of commitment that this facility was willing to make. We expected that RWPZ would give this recommendation careful and complete consideration and we are convinced that you have done so.

For the sake of advancing our captive African elephant population, I hope that we can reopen this discussion because the Elephant TAG/SSP Steering Committee feels the females held at RWPZ are important to the overall breeding effort, and for that reason we would like to discuss options beyond those mentioned in the first "draft."

First, these recommendations are in "draft" form and are completely open for discussion. They have not been finalized and were distributed to the institutions with the intent of opening a dialog with the TAG/SSP. The TAG/SSP is very open to discussion of alternatives for this recommendation and there are, in fact, a number of alternative potential placements that can be considered. The three elephants at the RWPZ are extremely important to the North American breeding population and it is critical they be placed in a potential breeding situation as soon as possible.





Roger Williams Park Zoo
1000 Elmwood Avenue
Providence, RI 02907
Phone 401-941-3910 Fax 401-941-3988
www.rogerwilliamsparkzoo.org



Fax

To: DEBBIE OLSON From: JACK MULVANA
Fax: 817-237-7183 Pages: 3
Phone: _____ Date: 10/12/04
Re: _____ CC: _____

Urgent For Review Please Comment Please Reply Please Recycle

• Comments:

DEBBIE,

HERE IS OUR SPACE SURVEY.

JACK

**AZA Elephant TAG/SSP
Space Survey – 2004**

Facility: ROGER WILLIAMS PARK ZOO

Contact Person: JENNIFER WARMBOLD (IR) JACK MULVENA (DIRECTOR)

Date: OCTOBER 7, 2004

1.) Species and numbers currently housed:

	# African	# Asian
male	-	-
female	3	-

2.) What is your current maximum holding capacity?

male	-	-
female	3	-

3.) What will your holding capacity be in 5 years?
(BEGINNING 2006)

male	0 or 1	-
female	5 or 3	-

4.) Are you willing to house only males?

Yes

No

Comments _____

5.) Do you currently have an elephant restraint device (ERD)?

Yes

No

If no, do you plan to install one in the next

1 yr.

2 yr.

3 yr.

4 yr.

5 yr. ?

6.) Do you hold animals that you believe should not be transferred? If so, please list each:

Animal name	SB#	Reason
ALICE	233	POTENTIAL BREEDING @ ROGER WILLIAMS PARK ZOO
GINNY	234	" " " " " "
OCEAN STATE KATE	235	" " " " " "

**AZA Elephant TAG/SSP
Space Survey – 2004**

7.) If you intend to breed your animals, will you be using natural breeding or AI?

Natural

AI

Both

8.) Do you have space to house all offspring in perpetuity?

Yes

No

9.) If you hold reproductively viable animals, is there any reason they should not be considered part of the SSP management plan? If so, please list each:

Animal name	SB#	Reason

10.) The elephant TAG/SSP believes importation will be necessary to establish a self-sustaining captive population. Is your facility willing to contribute to this effort and if so how?

LIMITED FINANCIAL SUPPORT

BREEDING PARTICIPANT

PUBLIC EDUCATION

LOBBYING - RHODE ISLAND