

art Date

# Specimen Report for DICKERSON / 3320

Report End Date  
2/8/2005



Scientific name: *Elephas maximus*  
Common name: Asiatic elephant

Family: Elephantidae  
Order: Proboscidea

### Current information

Sex:	Female	Sire ID:	
Birth type:	Unknown	Dam ID:	
Birth Location:		Rearing:	Unknown
Birthdate-Age:	~ 1974 - ~30Y	Hybrid:	Not a hybrid
Time since last Acq:	13Y,7M,9D as of report end date		

<u>Date in</u>	<u>Acquisition - Vendor/local Id</u>	<u>Holder</u>	<u>Disposition - Recipient/local Id</u>	<u>Date out</u>
30 Oct 1990	Loan In from CHICAGOBR / 22763	DICKERSON / 3320		
5 Jul 1991	Donation from CHICAGOBR / 22763	DICKERSON / 3320		

<u>Date</u>	<u>Identifier type</u>	<u>Identifier</u>	<u>Location</u>	<u>Comments</u>
3 Nov 1974	House Name	PATIENCE		
3 Nov 1974	Regional Studbook #	76	UNKNOWN STUDBOOK	76 "International Studbook Number" from ARKS 2 records

<u>Date</u>	<u>Sex</u>	<u>Comments</u>
30 Oct 1990	Female	

<u>Date</u>	<u>Rearing</u>	<u>Comments</u>
30 Oct 1990	Unknown	

**Name:** Patience  
**DPZ #:** 3320  
**Studbook #:** 76  
**Birthdate:** 1974  
**Birthplace:** Wild - Thailand  
**Owner:** Dickerson Park Zoo  
**Previous Owner:** Chicago Zoological Park  
**Loans:** None

### **Reproductive History**

Arrived at Dickerson Park Zoo, 30 OCT 90.

Breeding activity with our older male was observed on the following dates:  
9 MAY 91, 21,22 SEP 91, 19 JAN 92, 16,17 AUG 93, 7,8 OCT 94,  
22,23,24,25 JAN 95, 8,9 MAY 95, 24 AUG 95, 13,14 JAN 96, 2 MAY 96,  
9,12 AUG 96.

Artificial insemination procedures were also attempted on this cow on the following dates: 18,19,20,21,22,23 DEC 92, 24 APR 93, 29 APR 93, 29 NOV 93.

After six years of both natural and artificial breeding attempts, conception occurred from the AUG 96 breedings with Onyx, resulting in the following birth:

17 MAY 98 - After a gestation period of 643 days, Patience gave birth to a live male calf (DPZ #4831, SB #509) named Kala. In May 00, Kala was transferred to Six Flags Marine World in Vallejo, CA. Unfortunately, Kala died on 29 NOV 00 from a herpes virus infection.

**Updated: 8/5/2002**

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- 28 SEP 00 Vaccinated with tetanus toxoid in the left rump. - M Carden
- 03 DEC 00 6,930 lbs.
- 09 JAN 01 Trunk washes performed today on all 3.4 and will be continued Wednesday and Thursday. - D Luedde
- 10 JAN 01 Second of three trunk washes for TB testing collected today on Minyahk, Moola, Haji, Patience, and Connie this morning, Khun Chorn this afternoon. Onyx refused crush morning and afternoon. - J Glazier
- 11 JAN 01 Third of three trunk washes for TB testing collected this morning. - J Glazier
- 22 MAR 01 The skin around the fistula from the surgical AI has stretched/grown to triple the previous size. She is leaking urine occasionally and carrying a bolus over the opening again. Dr. Hardy recommended softening the feces that is caking up around the hole with Preparation H and to help with the pain. He recommended keeping it clean and keep using Preparation H long-term for pain, since it can't be repaired. - M Carden
- 23 MAR 01 Keepers put Dolly in with Minnie and Patience. They all seemed to get along well. Keepers saw signs of Minnie being dominant to Dolly (i.e. putting her trunk on Dolly). Dolly was seen later backing into Minnie, and Minnie would tusk her. Patience was observed trying to bite Dolly's tail. When she was told to quit, she did and didn't try it again. By the end of the afternoon they were all eating and drinking together. Dolly was submissive. - S Luedde
- 05 APR 01 Dolly continues to settle in well. She layed down for blood collection on Tuesday morning and laid down for the bath routine on Wednesday afternoon without any problems. She continues to spend her days in the south yard with Minyahk and Patience, but is still being separated at night by a cracked door. The three seem to be very comfortable with each other. - J Glazier
- 01 MAY 01 Minyahk was walked to the elephant/giraffe building this afternoon to be with Moola, Haji and Connie. Patience was left at the bull building to be a buddy with Dolly. They will be separated with corral or cracked door until we are sure they will get along without Minyahk. - D Luedde
- 08 JUN 01 Due to the aggression shown by Minyahk and Patience toward Dolly, she was put back with Onyx. She seems more at ease with him than the cows. Patience and Minyahk were moved to the exhibit barn and observed throughout the day. Patience was very interested in Haji, following him around and leading him away from the other elephants, but she never attempted to harm him. While in the stall with the other cows around, Haji would push on and tusk Patience in the face and trunk. Patience was very tolerant and would just raiser her head to avoid some of the contact. The other cows, Connie, Minyahk and Moola, were very attentive to Haji's vocalizations, and whenever Patience was around him, Connie in particular appeared to be guarding Haji and dominating Patience. - M Carden

- 20 JUN 01 She continues to show signs of pain from the AI incision site. She is sensitive to the area being washed during bathing. Stephani noted she was carrying a bolus under her tail again. She must be carrying the frequently due to the build up of fecal matter around the incision site. – M Carden
- 18 AUG 01 Patience was observed by other keepers beating up Moola while they were shut out of the yard while keepers were cleaning in the morning. – D Luedde
- 20 AUG 01 Minyahk was observed pushing Patience and grabbing her tail this morning. Connie is still not eating very well. Moola's tail looks as though it had been bitten again. – S Luedde
- 21 AUG 01 On Saturday, Keepers Carden and S. Luedde walked Connie and Minyahk up to the old safari area to re-acquaint them with the area in preparation for taking Haji out for his first "fun" walk. On Tuesday keepers Carden, Luedde, Luedde and Bradford walked Connie, Minyahk, Moola and Haji up to the safari area while Glazier monitored Patience, who was left at the exhibit barn. The elephants were tailed up with Connie leading, Moola in the center, and Minyahk bringing up the rear. Haji stayed close to Moola overall, moving on either side of her trunk and occasionally would wander a few feet away, but would catch up quickly. Patience was calm during her stay at the barn. Overall, they played well at the Bush Camp and were calm on their walk back. – M Carden
- 12 SEP 01 Minyahk, Connie, Patience, Moola and Haji were all walked to the bull barn. They were put in stall #3 for a few minutes, then Connie and Minyahk were walked to stall #1, and Haji followed them. The door to stall #2 was shut. Connie, Minyahk and Haji were walked back to the elephant giraffe building. Patience and Moola were put in adjoining stalls while the others were walked. Later Patience and Moola were put in the South yard. Patience and Moola vocalized once, but calmed down quickly. Haji was shaking (and Patience, too) at the initial entrance to the bull barn. Haji was calm and eating after the separation and all day. Haji never vocalized during the separation or all day and ate well. – M Carden
- 18 SEP 01 Patience was observed shoving on Dolly and trying to bite Moola's tail, so she was moved to stay with Kuhn Chorn when they have access. – M Carden
- 13 APR 02 While bathing her today, keepers noticed a buildup of manure around her old AI incision site. She had been carrying boluses there during the colder times due to sensitivity in that area. – M Carden
- 15 APR 02 Diets have been changed to one scoop twice daily as per Dr. Hardy due to being overweight. – S Luedde

- 09 NOV 02 Connie and Sabu were locked out in the North bull yard for their first introduction. Patience was locked in stall #5 with access to the corral. Initially, Connie and Sabu stood quietly near each other and intermittently took turns walking around the yard. Keepers threw a pumpkin in the yard, and Sabu shoved Connie away from it. Connie left and went to the other side of the yard. At this point, Sabu and Patience faced off to each other and sparred a little, with Sabu punching at her with his trunk. Once Connie came back over toward Sabu, he began getting an erection and started shaving, chasing and tusking Connie. At several points, Connie appeared to try and stand for Sabu to mount, but Sabu continued to shove/tusk her. At times Connie would drop to one or two knees on the back. After a total of about 10 minutes (5 minutes aggressive), Keepers separated Connie and Sabu. – M Carden
- 29 NOV 02 Connie has been eating much better since she has been moved to the bull barn. Her weight is up to 7,700 lbs. Patience's weight is 7,940 lbs. Sabu's weight is 7,880 lbs. – M Carden
- 18 DEC 02 3 mls tetanus vaccination given to 0.4 today (IM). – D Luedde
- 11 APR 03 Today Khun Chorn has been showing interest in Patience. He has been chasing and trying to mount her. He was observed mounting several times. There was no confirmed penetration. Connie was observed getting in Khun Chorn's way several times. – S Luedde
- 12 APR 03 All three elephants together today. No signs of interest in Patience or Connie by Khun Chorn. – S Luedde
- 27 MAY 03 As per Dr. Hardy, 0.3 pellet ration has been reduced to 1 ½ scoop daily. – S Luedde
- 07 JUN 03 Patience started to favor her front right leg last Tuesday and Wednesday (3<sup>rd</sup> & 4<sup>th</sup>). At the time it was very slight and barely noticeable. By Friday the 6<sup>th</sup>, she was walking stiff-legged, and a small amount of swelling around her wrist area was noticeable. 8000 mg of Ibuprofen was administered beginning this morning. Will continue twice daily for four days. – D Luedde
- 19 JUN 03 On Tuesday evening, Sabu apparently was aggressive toward Patience. On Wednesday morning keepers noted numerous abrasions on her. Wednesday afternoon keepers noted the AI incision wound beneath her tail was much larger and detached from the tissue below the dermis. Dr. Hardy examined Patience Thursday morning and cleaned out the pus with Betadine and then flushed the wound with very diluted Nolvasan solution. Next, he filled the wound with albacilin. The original hole was approximately dime-sized and has been enlarged to about quarter-sized, with a large pocked internally deeper than 4" all around. Strings of tissue, blood and pus are being exuded from the wound. Screw worm spray is being sprayed around the wound to prevent fly infestation. – M Carden

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- 20 JUN 03      Approximately 30 ml of pus was extracted from the old AI incision this morning during treatment, along with small amounts of tissue. Preparation H was added to the treatment regimen to alleviate some of the itching and discomfort. Treatment as per Dr. Hardy (see data on 19 June) continues twice daily. Sabu has been separate from the cows since Wednesday morning to prevent further trauma.  
– M Carden
- 21 JUN 03      Due to Sabu beating up Patience the other day, we have been rotating bulls around to the North Yard, leaving the other inside (south yard not available due to construction) in order to give all 2.2 access. Split Patience and Moola and put Patience in with Khun-Chorn, and Moola and Sabu together on a 24-hour basis. All appear to be getting along just fine. Khun Chorn did mess with Patience (rectal palpations), for a few minutes, but settled down after a few minutes.  
– D Luedde
- 25 JUN 03      Dr. Hardy has added Caravet ( a type of Granulex) to her treatment regimen. The Preparation H is to be applied only on the external edge of the wound.  
– M Carden
- 29 JUN 03      Started treating Patience's AI incision area once daily instead of twice, as per Dr. Hardy. Everyone felt that the afternoon treatment was an unnecessary stress for Patience. – D Luedde
- 02 JUL 03      Her old AI incision wound that was reopened is healing well and has closed in the pocket by nearly half. – M Carden
- 15 JUL 03      Dr. Hardy examined her AI incision wound rupture today and reduced the treatment to every three days. The treatment now consists of only pushing caravet into the wound but not inserting fingers to clean it out anymore. The hole has nearly closed into the original opening size (it's about nickel-sized now).  
– M Carden
- 19 JUL 03      M. Carden ran P4 assay today. Connie was due to cycle anytime, so switched Moola and Connie. Now Connie and Patience are with Khun Chorn for breeding, and Moola is with Minyahk at the elephant/giraffe building. – S Luedde
- 10 AUG 03      Patience's tail has been bitten again. Will have Dr. Hardy look at it on Monday. Khun-Chorn was showing slight interest in Patience today. – D Luedde
- 12 AUG 03      699 and 1101 had two confirmed breedings today – one was partially videotaped. Blood was drawn on Connie. Patience's tail was bitten yesterday. Treatment of Nolvason soak for ten minutes, Betadine scrub (before soak), then Nolvason salve topical twice daily, as per Dr. Hardy. – D Luedde
- 30 AUG 03      Moola was moved from elephant/giraffe building to Bull Building. Patience was moved to elephant/giraffe from Bull Building. Moola was put in with Sabu. Connie was put in with Khun Chorn. There was breeding interest. Khun Chorn mounted Connie several times with no confirmed penetration. – S Luedde

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- 15 OCT 03 Patience was very agitated when separated from Khun-Chorn this afternoon. When the door to the barn was first opened, neither Khun-Chorn or Patience came in for several minutes. Eventually Patience came in at a full run, followed by Khun-Chorn, who then entered the ERC without hesitation. Patience then ran back outside vocalizing frequently, probably due to anticipation of getting back with Moola for the evening. This is unusual behavior for both animals.  
– J Glazier
- 22 OCT 03 Elephants all were given Probios. – M Carden
- 15 NOV 03 Connie was walked to bull building for breeding with Khun Chorn. Patience was walked to elephant/giraffe building to be with Minyahk. – S Luedde
- 31 DEC 03 Elephants received an injection of 3 ml tetanus toxoid IM in the right hip.  
– J Glazier
- 29 JAN 04 Completed the third day on trunk washes for tb testing today. – M Carden
- 16 FEB 04 Keepers found bloody tissue in the stall this morning. Also found dried blood in the inside of her back legs. It is believed that she might have aborted her baby. There will be an assay done this week to see what her progesterone level is. She also has a softball-sized bump on the outside of her front right let. She is unable to bend her wrist/leg very well. – S Luedde
- 17 FEB 04 Patience's leg (front right) is still swollen. The knot on the leg has gone down a little. – S Luedde
- 20 FEB 04 Patience's leg is still swollen, and she is having trouble bending it. Dr. Hardy prescribed another round of Bute. She got a loading dose of six pills this evening. She will get four pills twice daily for three days. Dr. Hardy wants a purple-top pulled on Patience two or three weeks. One was pulled today.  
– S Luedde
- 13 MAR 04 Keepers did footwork on Patience today. She was not able to stand on her front right foot with her left foot on the chair without severe discomfort. She was laid down to do her front feet. – S Luedde
- 18 MAY 04 Connie, 1101, weighs 7740; Minyahk, 65, weighs 9610; Patience, 3320, weighs 8760; Moola, 4022, weighs 9270. – S Luedde
- 18 JUN 04 Cows put with bulls for breeding, Moola and Sabu, KC and Patience.  
– S Luedde
- 11 JUL 04 Assay results show that Patience has already cycled, and Connie is due to cycle anytime, so Patience was pulled from Khun Chorn, and Connie was put with Khun Chorn. – D Luedde

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17 FEB 05      As of today, the elephants have completed three days of daily trunk washes for annual TB testing. – J Glazier