

Print Date

Specimen Report for DICKERSON / 1101

Report End Date
2/8/2005



Taxonomic name: *Elephas maximus*

Family: Elephantidae

Common name: Asiatic elephant

Order : Proboscidea

Current information

| | | | |
|----------------------|----------------------------------|----------|--------------|
| Sex: | Female | Sire ID: | |
| Birth type: | Wild Born | Dam ID: | |
| Birth Location: | | Rearing: | Unknown |
| Birthdate-Age: | ~ 1964 - ~40Y | Hybrid: | Not a hybrid |
| Time since last Acq: | 23Y,2M,20D 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> |
|----------------|--------------------------------------|------------------|---|-----------------|
| 25 Nov 1981 | Purchase from ABILENE / 21 | DICKERSON / 1101 | | |

| <u>Date</u> | <u>Identifier type</u> | <u>Identifier</u> | <u>Location</u> | <u>Comments</u> |
|-------------|------------------------|-------------------|---------------------|--|
| 24 Nov 1964 | Regional Studbook # | 105 | UNKNOWN STUDBOOK | 105 "International Studbook Number" from ARKS 2 records |

| | | |
|-------------|------------|--------|
| 25 Nov 1981 | House Name | CONNIE |
|-------------|------------|--------|

| <u>Date</u> | <u>Note type</u> | <u>Comments</u> |
|-------------|------------------|-----------------|
| 25 Nov 1981 | Price | 026500 |

| <u>Date</u> | <u>Sex</u> | <u>Comments</u> |
|-------------|------------|-----------------|
| 25 Nov 1981 | Female | |

| <u>Date</u> | <u>Rearing</u> | <u>Comments</u> |
|-------------|----------------|-----------------|
| 25 Nov 1981 | Unknown | |

Name: Connie
DPZ #: 1101
Studbook #: 105
Birthdate: 1964
Birthplace: Wild
Owner: Dickerson Park Zoo
Previous Owner: Abilene Zoological Gardens
Loans: None

Reproductive History

Arrived at Dickerson Park Zoo, 25 NOV 81.

Breeding activity with our older male was observed on the following dates:
1 FEB 82, 3 MAR 82, 9,14 SEP 82, 9 DEC 82, 8,10 MAY 83, 27,30 MAY 83,
9 JUN 83, 24,26,27,28 AUG 83, 11 SEP 83, 9,15 JUL 84, 30 AUG 85,
22 OCT 85, 16,17,18 APR 86, 17 DEC 88, 28,29 MAR 89, 19,20 OCT 89,
18,19,20 APR 93.

Breeding activity with our younger male was observed on the following dates:
27 SEP 85, 9 OCT 85, 22 APR 86, 26 SEP 85, 20 MAR 88, 16 APR 88,
17,18,20,21,22 MAY 88, 21,22,23,24,25,26 AUG 88, 25 MAR 89.

Artificial insemination procedures were also attempted on this cow on the following dates: 31 AUG 85, 1,2,3,4 SEP 85, 18,19 MAY 88, 25 AUG 88, 25,26 AUG 95, 13,15 DEC 95, 26 MAR 96, 12 FEB 97, 29 MAY 97, 17 DEC 97, 10 APR 98.

Conception occurred following three of the natural breedings with our older male, resulting in the following births:

12 JUN 85 - After a gestation period of 656 days, Connie gave birth to a stillborn female calf (DPZ #1985, SB #106).

26 JUL 91 - After a gestation period of 646 days, Connie gave birth to a live female calf (DPZ #3430, SB #312). The calf was initially rejected by Connie, but after considerable effort by the zoo staff, the calf, Maiya, was successfully reintroduced to her mother at six days of age, and a strong maternal bond developed. Unfortunately, Maiya died on 28 FEB 93 at the age of nineteen months of heart failure due to a herpes virus infection.

02 FEB 95 - After a gestation period of 656 days, Connie gave birth to a live female calf (DPZ #4255, SB #365) named Asha. Asha currently resides at the Oklahoma City Zoo with her half-sister, Chandra.

Conception was also probable following the APR 98 artificial insemination procedure, based on elevated serum progesterone levels and ultrasound examinations. However, progesterone levels returned to baseline later that summer, indicating a termination of pregnancy.

Updated: 8/5/2002

- barn. Kala responded well to leading the walk with a keeper holding his ear and Patience holding his tail. Connie and Minyahk were again placed with Haji and Moola in stalls #3 and 4. – M Carden
- 04 DEC 99 Keepers moved Haji, Moola, Connie, and Minyahk out behind the bull building to move Onyx and Betty to the north side of the bull building. Then moved them to the south yard to move Khun Chorn to the south side of the bull building. Haji moved very well through the crush. Haji got his first bath today and did very well. – S Duer
- 07 DEC 99 Patience and Kala were walked to the bull building this afternoon, then Connie, Minyahk, and Haji were walked to the Elephant/Giraffe building for Wednesday's public viewing. All went well. – D Luedde
- 04 JAN 00 Took the first of three trunk washes today for TB testing. Procedure to be repeated the next two days. – J Glazier
- 11 FEB 00 Connie, Patience, Kala, and Vicki were put in the north yard together for about one hour. On several occasions, Connie and Patience separately hit Vicki. There was no serious aggression. They were separated due to cold weather. – S Duer
- 12 FEB 00 Keepers put Connie, Patience, Kala, and Vicki together for approximately 1 ½ hours. Connie and Patience continue to show minor aggression to Vicki. Keepers will continue to do introductions. – S Duer
- 13 FEB 00 Keepers put Connie, Patience, Kala, and Vicki in the north yard together for several hours. There is still a lot of hitting and shoving going on. – S Duer
- 15 FEB 00 Walked Connie and Kala from the bull building to the exhibit building to wean Kala. Patience was left on a front and back chain in stall #4 with a door cracked to Vicky in stall #5, while Connie and Kala were walked, and Minyahk was walked from the exhibit barn to the bull building. Patience was responsive to commands after the separation, so she was released from chains and put in the North yard with Minyahk and access to Vicky in stall #5 and corral for the day. Connie, Kala, Moola, and Haji were observed in the exhibit yard for the day. Some minor sparring occurred between Kala and Moola on occasion. Kala vocalized some this afternoon but was responsive to commands and ate his pellets well during the afternoon routine. – J Glazier
- 17 FEB 00 Kala is eating well and responding to commands. His pellets have been increased to 1 ½ scoops twice daily as per Dr. Hardy (check weight now and in a week). Kala and Moola continue to spar with each other. Haji has numerous tusk marks (white only, not broken skin) on his back, presumably from Kala, since Connie doesn't have tusks.

- 14 MAR 00 Began introducing Kala to the horse trailer today. Moola and Haji were locked in the stall and chute while Connie and Kala were taken out of the yard to the horse trailer. Connie was kept at the trailer while Kala roamed from the trailer to the chute to see Moola and Haji. Kala was given produce and pellets at the trailer and stood with his front feet inside the trailer to eat. At one point he stepped all the way into the trailer but quickly stepped back out with his back feet. - M Carden
- 15 MAR 00 Kala weighed 1,755 lbs. today. He was fed his pellets while standing with all four feet in the trailer. He would step out occasionally and look around, then come back inside to eat. He didn't go back and forth to Moola and Haji as he did the first day. Connie was standing just outside the trailer eating her pellets. - M Carden
- 17 MAR 00 Kala was much more reluctant to step into the trailer yesterday and this morning but would come all the way in again by this afternoon. Pellets have been offered only in the trailer the last four feedings. He was allowed to eat with his two front feet in the trailer until this afternoon, and he was then asked to step all four feet into the trailer in order to receive his pellets. Connie is still being kept at the opening to the trailer, and Moola/Haji are in the stall and chute. Kala pulled away and walked several feet away from the trailer when keepers tried to lead him onto it, but he readily stepped in on his own when the keeper was inside with the bucket. Kala has been receiving daily oral Vitamin E for approximately three weeks in preparation for his move in May. He will continue to receive daily vitamin E until his move, as per Dr. Hardy (dose of 2 mls). - M Carden
- 19 MAR 00 Minyakh was walked to the elephant/giraffe building and Connie to the bull building this morning in order to separate Connie and Kala. Both were vocal during the walk. Connie settled down right away with Vicky and Patience in the North yard. Kala settled down within half an hour and was eating hay and occasionally vocalizing. - D Luedde
- 23 MAR 00 Connie spent much of the afternoon harassing Vicky. Connie had been very agitated, restless in the morning as well. Cows were given browse and two enrichment items to give them something else to do, and Connie worked over the enrichment items thoroughly (leaving Vicky alone). Vicky did receive a scrape on her right front leg from Connie. - M Carden
- 24 MAR 00 In the afternoon, Patience and Connie were observed chasing and hitting Vicky (observation by one of George's employees). Afterwards, Vicky was separated and left with a cracked door to the other two cows. Vicky has another new abrasion just in front of her right eye. Vicky was ultrasounded by Dr. Schmitt this morning. - M Carden
- 29 MAR 00 Connie had hit Patience at some point during the night. A 2"x3" section of skin was removed on her right eyebrow. - J Glazier

Connie
DPZ #1101
page 82.

- 08 APR 00 6,760 lbs. - S Duer
- 23 APR 00 Put Connie, Patience, and Vicky together for the day in the north yard. They all seem to get along very well. Vicky was put in stall #5 for the night with the door cracked to Connie and Patience in stalls #4 and 3.
- J Glazier
- 29 APR 00 Connie was observed by keepers beating on Vicky again. She was separated and put in stall 5 for the rest of the day and afternoon. May discuss keeping her separated for a week or so until she can be taken to the elephant/giraffe building - after Kala leaves. Pat and Vicky seem to be doing okay together. - D Luedde
- 09 MAY 00 Walked Connie to elephant/giraffe to be with Minyahk, Moola, and Haji, leaving Patience and Vicky at the bull building.
- 22 JUN 00 Connie and Minyahk have both been observed keeping Moola out of the barn and shoving/hitting her. - M Carden
- 24 JUN 00 Patience was walked to elephant/giraffe this morning to see how or if she would get along with Haji. After about 30 minutes of her "stalking" him, it was decided to walk her back to bull building and wait a few months before trying again. This stalking is the same we have seen from Patience before attacking other babies. - D Luedde
- 14 JUL 00 Keepers walked Connie and Minyahk to Bull Building. Will be doing concrete work on elephant/giraffe pool. - S Luedde
- 29 JUL 00 Weight today was 6,630 lbs. today. - D Luedde
- 30 JUL 00 Keepers walked Minnie to Elephant/Giraffe due to the behavior she had been exhibiting. She had been acting distracted and afraid. After walking Minnie, keepers saw Connie acting aggressively toward Patience. Connie was put in #1 with a cracked door to Patience (#2 in South yard).
- S Luedde
- 31 JUL 00 Keepers put Isa, Connie, and Patience together in the south yard for about one hour. Will probably do this again tomorrow. - S Luedde
- 11 SEP 00 Onyx put out with 0.2 today to give all elephants yard time all day. 0.2 are not due to cycle for at least a month. - D Luedde
- 28 SEP 00 Vaccinated with 2 ml tetanus toxoid in the left rump. - M Carden
- 03 DEC 00 7,070 lbs.

- 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
- 05 NOV 01 Connie was chained in the back of the elephant/giraffe stall in hopes of stopping her from throwing hay and feces and sometimes rocks into the front public aisle. – S Luedde
- 19 APR 02 The door at the elephant/giraffe building was damaged this morning when the keepers arrived. After Maintenance looked at it, they said the door would not be fixed until it could be taken off the track and put back together. That would take a couple of weeks. Due to bad storms and cold evening temperatures, keepers walked 1.2 to Bull Building until further notice. All are doing well. Haji has had a few loose stools. We will keep an eye on him. – S Luedde
- 04 MAY 02 Connie, Minyahk and Haji walked back to elephant/giraffe building today with no problems. – D Luedde
- 09 MAY 02 A 500 microgram sample of TRH was injected into her right ear for a research project for the National Zoo (Dr. Brown). Dr. Hardy sewed a catheter into her right ear for serial blood collections for this study. Keepers stayed with Connie to keep her from pulling out the catheter. Connie had watery diarrhea four minutes after the TRH injection that lasted for twenty minutes. She also intermittently made unusual vocalizations for two hours. She did not eat anything for the first two hours and was not observed eating anything on keeper checks throughout the day. She was observed drinking water. – M Carden

Connie
DPZ #1101
page 86.

- 23 MAR 03 This afternoon was Connie's last sulfa treatment. Will continue foot soaking, flushing and topicals as needed. Foot does not appear to have any signs of infection as of today. – 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
- 21 APR 03 Confirmed breeding between 1101 and 699 observed and videotaped today at 12:15. An early attempt was made about 11:15 but was NOT successful. During this earlier attempt, Connie was not willing to participate, at which point Khun Chorn became more aggressive by grabbing her tail, kicking, head butting and lifting her off her front feet at one point. During the 12:15 breeding, there was no aggression, only a short time (about 5 minute) following the breeding. 1.1 were separated for the afternoon due to low temperatures. Blood was drawn on Connie.
– D Luedde
- 22 APR 03 Breeding activity was observed again today with Khun Chorn and Connie. Several mountings were observed between 9:00 to 9:30, but penetration was not achieved. Another attempt observed at 10:12 appeared to be successful. – J Glazier
- 29 APR 03 Walked from Bull barn to elephant giraffe building. – D Luedde
- 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
- 08 AUG 03 Khun-Chorn showing breeding interest in Connie. He rested his head on Connie's back, testing Connie's willingness to stand. Connie unwilling. Khun-Chorn staying very close to Connie. Very difficult to separate.
– 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

Connie
DPZ #1101
page 87.

- 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
- 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
- 10 DEC 03 Drew a purple-top and an extra serum tube from Connie and Moola during the regular weekly blood collection for CBC and chemistry. – J Glazier
- 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
- 07 FEB 04 Connie was put on Bute for a sore shoulder or wrist – six tablets this evening, then four tablets twice daily as per Dr. Hardy. Connie's pellets have been decreased from two scoops to 1 ½ scoops daily as per Dr. Hardy. – S Luedde
- 08 FEB 04 1101 weighed 7,870 lbs. today. 4022 weighed 9,250 lbs. today. – D Luedde
- 17 FEB 04 Connie's still favoring her front left leg with little or no improvement. – S Luedde
- 17 MAR 04 Khun-Chorn was observed mounting Connie while he had an erection. No penetration was observed. They were left together throughout the day, but separated at night due to weather. – M Carden
- 20 MAR 04 Yesterday Connie weighed 7,850 lbs and Moola weighed 9,300 lbs. Khun-Chorn didn't show any breeding interest in Connie today. He only showed interest in her on the 17th. Sabu was observed holding Moola's tail on Thursday afternoon, but otherwise hasn't shown any breeding interest. – M Carden
- 31 MAR 04 Khun Chorn will not allow Connie to be separated from him. He is still guarding her. They were locked together in stalls #4 and 5 for the night. Sabu is acting very aggressive and was very reluctant to allow Moola to be separated from him tonight. – M Carden

Connie
DPZ #1101
page 88.

- 14 APR 04 Khun-Chorn has refused the crush for the past several days and is reluctant to come into the building or to transfer. He is in musth and highly aggressive right now. Connie was left with him tonight, with two stalls and the north yard. – M Carden
- 21 APR 04 Confirmed breeding observed with Khun-Chorn and Connie. Put Khun-Chorn into North yard with Connie and Moola around 12:25 p.m. Three mountings occurred within the next ten minutes. Penetration was achieved on the third attempt. Observed by Glazier and D. Luedde. – J Glazier
- 18 MAY 04 Connie, 1101, weighs 7740; Minyahk, 65, weighs 9610; Patience, 3320, weighs 8760; Moola, 4022, weighs 9270. – 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
- 31 JUL 04 Possible breeding interest between 699 and 1101 observed, but keepers did see Connie urinating with possible “slime” passing with the urine. Khun Chorn refused to come into the building or to let Connie come it to be separated and checked. – D Luedde
- 03 AUG 04 One breeding attempt between Connie and Khun Chorn and one confirmed breeding this morning. – S Luedde
- 03 OCT 04 Keepers put Connie and Moola in with their prospective mates. According to the bloodwork, Moola is ready, and Connie has a little while before she is ready. Despite that, Khun Chorn showed interest in Connie, chasing her around the yard dropped out, with his head on her back. Khun Chorn mounted Connie, but no penetration. – S Luedde
- 05 OCT 04 Khun Chorn started showing breeding interest in Connie when she was initially put in the North yard with him this morning. Several breeding attempts were observed throughout the day with mountings, but no penetration was noted. – J Glazier
- 17 FEB 05 As of today, the elephants have completed three days of daily trunk washes for annual TB testing. – J Glazier