

ate

Specimen Report for DICKERSON / 5500

Report End Date
2/8/2005



Scientific name: *Elephas maximus hirsutus*
Common name: Malayan elephant

Family: Elephantidae
Order : Proboscidea

Current information

Sex:	Male	Sire ID:	UNK at Unknown Location
Birth type:	Wild Born	Dam ID:	UNK at Unknown Location
Birth Location:	PERAK	Rearing:	Unknown
Birthdate-Age:	~ 1988 - ~16Y	Hybrid:	Not a hybrid
Time since last Acq:	2Y,4M,30D 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>
10 Sep 2002	Loan In from CINCINNAT / 191018	DICKERSON / 5500		

<u>Date</u>	<u>Identifier type</u>	<u>Identifier</u>	<u>Location</u>	<u>Comments</u>
10 Sep 2002	House Name	Sabu		
10 Sep 2002	Regional Studbook #	297	AZA	

<u>Date</u>	<u>Sex</u>	<u>Comments</u>
25 Sep 2002	Male	

<u>Date</u>	<u>Rearing</u>	<u>Comments</u>
25 Sep 2002	Unknown	

<u>Date</u>	<u>Parent(s)</u>	<u>local Id</u>	<u>Location</u>	<u>Comments</u>
25 Sep 2002	Sire	UNK	UNKNOWN	
25 Sep 2002	Dam	UNK	UNKNOWN	

Name: Sabu
DPZ #: 5500
Studbook #: 297
Birthdate:
Birthplace: Wild - Malaysia
Owner: Cincinnati Zoo
Previous Owner: Mohammed Khan – Malaysian Government
Loans: To Louisville Zoo, 16 JAN 98 to 10 SEP 02
To Dickerson Park Zoo, 10 SEP 02

Reproductive History

This bull has had breeding experience with several cows while in residence at the Cincinnati and Louisville Zoos. To date he has sired one male calf named Ganesh (SB #508) who was born 15 MAR 98 at the Cincinnati Zoo.

Updated: 8/9/2003

ANIMAL DATA REPORT

1.0 Malayan Elephant "Sabu" DPZ #5500 *Elephas maximus hirstus*

- 11 SEP 02 Sabu was called into the ERD by Dave Campbell this morning. He stood calmly in the chute eating pellets, treats and hay and drinking water for around five minutes with the stall door left open. He was released into the south yard for the day. Around 1:00 p.m. Dave Campbell attempted to call Sabu into the ERD with no success. Around 3:00 p.m. the door to the ERD and the door into stall #2 were opened, but Sabu would not come in. At 4:10 p.m. Sabu approached the door to the ERD. He was told to "move up," and he stepped in cautiously at first, then moved through quickly into the stall. The door to the yard was closed. He was then called back into the ERD. He came in and stood calmly for around 10 minutes, eating and drinking much water. He was then backed into stall #2 for the night. – J Glazier
- 12 SEP 02 He was given access to the crush this morning from stall #2, with the outside door closed. He came into the crush, and the door behind him was closed. He was calm and ate/drank well. In the afternoon he was called up to the crush from the yard, but he refused to enter with either the door to stall #2 open or closed. He eventually came through the crush to stall #2 on his own where he was given hay only. He responds well to commands in the yard as long as keepers have treats for him (knee, come here, stretch, straighten up, are you a good boy). - M Carden
- 17 SEP 02 Has consistently refused to voluntarily enter the ERD since Saturday evening, 14 September, during twice daily attempts to bring him into the barn from the south yard. During this afternoon's crush routine, Sabu was captured in the ERD by slowly closing the door closed behind him while he was leaning in reaching for water. He will be kept inside the next few days to re-establish a regular crush routine before letting him back outside. – J Glazier
- 30 SEP 02 Sabu weighed 7,470 lbs today. This is his first weight since he arrived, due to scale repairs. – D Luedde
- 09 OCT 02 Grain increase from 2 to 2 ½ scoops, twice daily to help put weight on him. Okayed by Dr. Hardy. – D 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

- 19 NOV 02 Sabu has refused to enter the crush or building from the south yard for two days. Keepers gave Sabu several opportunities to enter the building with both crush doors open, and Sabu still refused to enter the building. Due to low night temperatures, keepers decided to bring Sabu in using the chain keeper. Sabu was stretched next to a yard rail and chained to it with a standard front leg chain. Keepers then ran a chain from the chain keeper in stall #2 through the crush and out to Sabu. The chain keeper was put on, and the front leg chain taken off while Sabu was stretched. Keepers then reeled Sabu into the crush. Once Sabu was in the crush, he was squeezed down and rotated for about five minutes while treats were offered. He did not accept the treats while he was rotated but did once he was let down. Sabu was relatively calm while rotated, although he did partially stretch down. Sabu voluntarily entered the crush while on the chain keeper chain the first time but was resistant to re-enter the crush from the south yard later that day. He entered the crush voluntarily, without the chain the next morning. He has been put out twice since, then on the chain keeper in the south yard. – 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
- 04 DEC 02 Sabu got the 18" diameter black rubber gas line "pig" stuck between his tusks this afternoon. He finally extracted it by himself after about 30 minutes. – J Glazier
- 12 DEC 02 Sabu was observed to have soft stools today. One pile in yard and one in stall. Fecal sample collected. – J Glazier
- 16 DEC 02 Sabu continues to have bouts of loose stools. Grain ration reduced back to two scoops per feeding, as per Dr. Hardy. Sabu had been receiving 2 ½ scoops per feeding (16-17 pounds per day) to put on weight. He has gained approximately 400 pounds since his arrival in September. – J Glazier
- 10 JAN 03 Sabu weighs 8,040 lbs. As per Dr. Hardy, we will reduce his pellets to 1 ½ scoop twice daily to see if it helps with soft stools. Dr. Hardy ran stool sample and culture on Sabu's stool. Sample is negative. No results on culture yet. – S Luedde
- 28 JAN 03 As per Dr. Hardy, we will be putting about one scoop of cotton seed hulls in Sabu's diet twice daily until further notice. – S Luedde
- 03 FEB 03 As per Dr. Hardy, feed Sabu two cups of cotton seed twice daily for at least a few days for loose stools. Will re-evaluate at that time. – S Luedde
- 14 FEB 03 His stools have continued to be semi-formed, showing little improvement with the cotton-seed hulls added to his diet. The pellets and hulls will be removed from his diet for one week to determine if a hay-only diet will improve his stools (approved by Dr. Hardy). – M Carden

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- 17 FEB 03 After being off pellets for four days, stools are improving. Will continue no pellets until Saturday. – S Luedde
- 25 FEB 03 Start Sabu on ½ scoop pellets for a week. Will evaluate again in a week, as per Dr. Hardy. His stools look a lot better since feed was taken away. – S Luedde
- 19 MAR 03 Started adding one scoop of ADF 16 to his morning and afternoon grain ration of ¼ scoop HMS pellets today in hopes of improving his crush entry performance record which has dropped to below 50% compliance over the past week. He refused crush entry this morning. He came in this afternoon and ate most of his grain ration before spilling it. – J Glazier
- 22 MAR 03 Sabu has been refusing the crush more often than not the past several weeks, so it was decided to put him on a chain while in stall #3 and assist him into the crush. Sabu responded well and willingly went into the crush with no refusal. Will continue to do this in hopes of him getting back into a regular crush routine. Every attempt is made to keep this procedure positive with food rewards. It is possible that Sabu is responding to Khun Chorn being in musth. – D Luedde
- 27 MAR 03 His weight today is 8000 lbs. He was started on ¼ scoop Mazuri brand pellets twice a day. – M Carden
- 03 APR 03 Grain ration increased to ½ scoop Mazuri Elephant supplement twice daily by Dr. Hardy. Mazuri ADF 16 discontinued. – J Glazier
- 29 APR 03 Walked from elephant/giraffe to bull building to be introduced to Sabu. – D Luedde
- 14 MAY 03 USDA inspectors looked at Sabu today and commented that he looked in good condition and that he was a good example of how elephants should look. They commented that our cows (other than Connie) were on the heavy side. Sabu was weighed the next day, and before he was watered he weighed 7,700 lbs. After water and pellets he weighed 7,970 lbs. – M Carden
- 24 MAY 03 Sabu has been coming in the crush twice daily for one full week now. There has not been any signs of hesitation going in. He is eating ½ scoop of Mazuri twice daily. – S Luedde
- 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 Sabu has charged at two keepers in the last week through the fence and refused the crush once. – M Carden

- 29 JUN 03 Sabu started showing signs of aggression last Sunday (22nd) by charging the rails at keepers. By Friday, 27 June, he began to dribble urine slightly and is still continuing to charge at keepers. This is his first-time musth, to our knowledge.
– D Luedde
- 02 JUL 03 He was very aggressive today, hitting the doors and refusing the crush both times. – M Carden
- 04 AUG 03 Began transitioning Sabu's grain ration back to HMS pellets from Mazuri. For the next two weeks, he will receive 1/3 scoop HMS and 2/3 scoop Mazuri pellets twice daily. – J Glazier
- 12 OCT 03 Sabu has been having loose stools since Thursday. Fecal was done and is negative. – S Luedde
- 15 OCT 03 Sabu continues to have loose stools (Tuesday through Friday). A red and purple top blood sample was taken Thursday for Dr. Hardy. Sabu has been locked inside at night since Tuesday. – M Crocker
- 20 OCT 03 Sabu's stools have improved in consistency to nearly normal. Fecal culture taken this afternoon. The following weights were taken today: Morning prior to drinking – 8,170 lbs; Morning after drinking – 8,300 lbs; Afternoon prior to drinking – 8,140 lbs; Afternoon after drinking – 8,300 lbs. – J Glazier
- 22 OCT 03 Elephants all were given Provios. – M Carden
- 26 OCT 03 Sabu's stools continue to be loose and ploppy. – S Luedde
- 30 OCT 03 Sabu had some formed but not dry stools and about ½ semi-formed loose stools. He has been locked inside the barn for the last 24 hours (just due to it not being his turn outside). He has been showing a mix of normal and semi-formed stools over the last week. – M Carden
- 11 NOV 03 Sabu had mostly loose stools today. A sample was collected for Dr. Hardy. Sabu was inside today, so he didn't have access to cold or wet weather.
– M Carden
- 13 NOV 03 Due to chronic bursts of loose stools, he has been put on reduced pellets, from one scoop twice daily to ½ scoop twice daily (approved by Dr. Hardy).
– M Carden
- 14 NOV 03 Grain ration was reduced today from one scoop to ½ scoop of HMS pellets per feeding (approximately 3.3 lbs per day).
- 16 NOV 03 Sabu was inadvertently left in the elephant restraint chute for over an hour and a half this morning due to an emergency situation in the Missouri Habitats area.
– J Glazier

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- 17 NOV 03 Sabu's stools continue to be soft and semi-formed. Decision was made today to transition Sabu back to Mazuri pellets by feeding 50% HMS and 50% Mazuri pellets at ½ scoop per feeding for one week, then change to 100% Mazuri on Monday, 24 November, in hopes of improving his stool quality. – J Glazier
- 21 NOV 03 Sabu's stools are now all dark brown/black (which is normal color) as opposed to the greenish color they have been. The stools are also becoming more formed with the majority now semi-formed as opposed to loose (or not formed). He is now on ½ scoop twice daily of Mazuri brand pellets. – M Carden
- 25 NOV 03 Sabu's stools continue to improve in color and form. He has been on a straight Mazuri ration since Saturday (1/2 scoop twice daily). – S Luedde
- 27 NOV 03 His stools are continuing to improve. They aren't loose anymore. They are almost all normal now, with just slightly mis-shaped boluses. – M Carden
- 29 NOV 03 Sabu's stools continue to improve. They are basically normal, although there are very few that look semiformed. He is getting ¾ scoop Mazuri twice daily. The chart has been discontinued. – S Luedde
- 08 DEC 03 Sabu's stools are starting to loosen up again. Those from last night and today were approximately 50% formed and 50% semi-formed. He has been on 100% Mazuri supplement for two weeks. – J Glazier
- 09 DEC 03 His stools have returned to normal Tuesday and Wednesday morning. We may have increased his pellets too fast. He is back at ½ scoop since Sunday (partially due to his stools and partially due to running low on pellets).
- M Carden
- 27 DEC 03 Sabu's weight today was 8,470 lbs before drinking. Khun Chorn's weight today was 12,410 lbs before drinking. – M Carden
- 30 DEC 03 Sabu began draining from his right temporal gland today. He has become more obstinate and aggressive the past few days. His stools have become soft again as well. All of his stools today were semi-formed. – J Glazier
- 03 JAN 04 Stools were semi-formed Wednesday morning and normal by the afternoon. His stools have been normal since then. – M Carden
- 12 JAN 04 Sabu has had loose stools since Saturday morning. Today they are normal.
– S Luedde
- 18 JAN 04 Sabu has had bad stools again this weekend. They have returned to normal this evening. – S Luedde
- 29 JAN 04 Completed the third day on trunk washes for tb testing today. – M Carden

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- 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
- 14 APR 04 Moola was with Sabu all day, and this afternoon she was found to have seminal fluid on her rear. Sabu was streaming seminal fluid from his penis. No breeding was observed. Moola has several minor abrasions on her rump from the last several weeks with Sabu. She does not seem to be stressed by him. Moola was left with Sabu tonight in stall #3 and the east yard. Sabu is in musth. – M Carden
- 21 MAY 04 Sabu has been entering the crush well from the south yard in the morning, so he was offered an evening entry, which he refused. Will go back to the morning-only routine for the time being. – M Carden
- 08 JUN 04 Sabu is back in a regular crush routine. He has been coming in twice daily for the past 2-3 weeks. – S Luedde
- 18 JUN 04 Cows put with bulls for breeding, Moola and Sabu, KC and Patience. – S Luedde
- 03 JUL 04 Keepers observed repeated breeding attempts between Moola and Sabu with no success. Moola kept stretching or crossing her legs when he attempted to mount. – M Carden
- 04 JUL 04 Possible breeding interest between Moola and Sabu today. Keepers arrived to see Sabu with an erection standing next to Moola. During the morning bath routine, Moola as found to be slimed from last night. – D Luedde
- 10 AUG 04 Sabu started having loose stools today. This morning the stools were half normal, half ploppy. This could be due to new type of hay we have been feeding – it is very green. – S Luedde
- 15 AUG 04 Sabu continues to have loose stools. Part could be due to the chilly weather. Will continue to feed him the old hay and shortly introduce the new hay and will also lock him inside when it is 50 degrees or lower. – S Luedde
- 03 SEP 04 Sabu continues to eat the rubber bowl that his pellets are put in. The tub has been removed from the area and will not be given to either bull. – S Luedde

- 17 SEP 04 Sabu continues to have loose stools. Hay consumption of new (green) hay as opposed to old hay is being altered, depending on what his stools look like on a daily basis. – 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
- 09 OCT 04 There was breeding activity between Moola and Sabu. Keeper observed mounting and possible penetration. A community service worker also mentioned seeing possible breeding activity. - S Luedde
- 28 OCT 04 After putting Sabu, 5500, in the ERC for his morning routine around 9:15, we experienced an electrical malfunction that affected the power to the hydraulic pump. Problem was eventually diagnosed to a defect at the pole southwest of the building requiring the services of A-1 Electric. In the meantime, the pin was removed from the hydraulic cylinder on the door from #2 into the ERC. A bolt was attached to the door, and a chain was run outside the service door to the dump truck. The door was opened manually (with the aid of the truck) to release Sabu back into stall #2. He was in the ERC for about 45 minutes. He walked through the ERC to the yard later after the power was restored and came into the ERC for the afternoon routine as usual. – J Glazier
- 17 FEB 05 As of today, the elephants have completed three days of daily trunk washes for annual TB testing. – J Glazier