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Specimen Report for ABILENE / 1237

Report End Date
8/17/2007



Taxonomic name: *Loxodonta africana*

Family: Elephantidae

Common name: African elephant

Order: Proboscidea

Current information

Sex: Female Sire ID:
Birth type: Wild Born Dam ID:
Birth Location: TANGANYIKA (unknown location) Rearing: Unknown
Birthdate-Age: ~ 1958 - ~48Y Hybrid: Not a hybrid
Time since last Acq: 8Y,9M,19D 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 1998	Loan In from OKLAHOMA / 022101	ABILENE / 1237		

<u>Date</u>	<u>Identifier type</u>	<u>Identifier</u>	<u>Location</u>	<u>Comments</u>
9 Nov 1958	House Name	TANZY		
9 Nov 1958	Regional Studbook #	29	AZA	29 "International Studbook Number" from ARKS 2 records

<u>Date</u>	<u>Note type</u>	<u>Comments</u>
8 Oct 2002	Animal management note	Worked on getting her to lift rear feet to target during lean in, went great.
13 Oct 2002	Medical note	Worked on foot trimming; still having trouble getting her to present hind feet.
14 Oct 2002	Behavior note	She acted very aggressive to #356 Tanya and keeper this a.m.
18 Oct 2002	Behavior note	Did not want to go outside today. Was aggressive toward keepers and female #356, even knocking her down once outside.
23 Oct 2002	Behavior note	Very uncooperative and nervous, would never face keeper during commands. Probable cause arrival of new tigers last night.
23 Oct 2002	Medical note	Had green mucous in corner of left eye.
24 Oct 2002	Behavior note	Very non responsive to commands again this a.m.
24 Oct 2002	Medical note	Left eye is red, same eye that had mucous in it yesterday.
26 Oct 2002	Medical note	Worked on foot trimming.
28 Oct 2002	Animal management note	She turned today. Reintroduced laser pointer to her and she did great.
2 Nov 2002	Medical note	Has green mucus around right eye.
17 Nov 2002	Behavior note	Worked well with laser pointer today. Turned and presented back feet.
18 Nov 2002	Behavior note	Would not present back feet today.
25 Nov 2002	Behavior note	She was very aggressive today.
25 Nov 2002	Medical note	Applied bag balm to two superficial wounds on right flank area.
15 Dec 2002	Animal management note	Trimmed feet. Let keepers trim hind right foot and also turned for them.
22 Dec 2002	Animal management note	Presented hind left foot and keepers trimmed some of the pad. She would put it all the way on foot bar but could not hold it up there very long. She turned great.
13 Feb 2003	Medical note	Left rear foot appears to have broken off a part of the nail on the inside toe. Treated w/Koppertox.
12 May 2003	Behavior note	Has not been drinking water in the barn past 2 days. Not interested in grain and appears moody.
13 May 2003	Behavior note	Concerned about small amount of fecal matter. Cut grain and increased hay. Seems to help. She is eating all hay. Also she is drinking from pool outside, but not much in barn still.
18 May 2003	Note	COLLECTED URINE OFF FLOOR AM FOR TESTINGS.
19 May 2003	Behavior note	Seems to be back to normal
14 Nov 2003	Medical treatment	During foot training session deep hole found to pad adjacent to nail bed (approx. 1 to 2 inch from anterior border) on central-lateral portion of pad. Wound was cleaned out, but animal seemed tender before could completely clean lesion. Had director (JB) examine lesion; recommendation to clean lesion daily with Novasan solution, then apply Betadine solution. Flushed lesion with 10% Nolvasan solution using 60 ml syringe (5 to 6 syringes) and then coated lesion with betadine solution. Will continue treatment daily until healed.

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20 Nov 2003	Medical note	Keepers report lesion to foot pad doing well. Seems to be healing in; no longer painful or tender to treatment. Continue treatment as previously.
2 Dec 2003	Foot management	Nolvasan and Betadine treatment to foot. RDH
8 Dec 2003	Behavior note	Elephants wouldn't go on exhibit initially due to commotion with tigers leaving. RDH
10 Dec 2003	Animal management note	Elephant has been working well for foot trim sessions. Feet are improving and animal is allowing longer and longer sessions for trims. Animal has been on Glyco-flex Equine II nutraceutical for past several months (May 2003, 8 months or so), and significant improvement has been noted. Today, keepers noticed overgrowth of tissue at junction of sole of foot and skin edge. Keepers are concerned that animal maybe developing thrush type lesion, but examination reveals animal maybe developing hyperkeratosis to skin secondary to chronic irritation from water and urine pooling in floor of elephant floor. Maintenance has cut opening to den leading to outside which should allow liquid to drain better. Will begin symptomatic treatment, including rasping done extra tissue and using betadine solution to help keep lesion dry. RDH
12 Dec 2003	Medical observation	Keepers report noticing large amount of ocular discharge bilaterally. In afternoon, no discharge seen, but elephant was noticed to be rubbing at eyes with trunk.
15 Dec 2003	Medical observation	Keepers report eyes seem normal. No discharge seen, elephant is not rubbing at eyes with trunk, and no discomfort was observed.
1 Jan 2004	Medical treatment	Keepers report elephant has continued to develop hyperkeratotic lesion to left rear foot. Will start scrubbing foot with Oxy Gel, then cover foot with betadine following scrubbing. Will attempt to obtain corona cream to help moisturize and softer skin around foot.
1 Jan 2004	Behavior note	Keepers report elephant appears to be in a "sour" mood today. Keepers will monitor and maintain vigilance in protecting themselves as well as public during "tantrums".
1 Jan 2004	Behavior note	Keepers report elephant was very "grouchy" today. Wouldn't respond to commands.
11 Jan 2004	Foot management	Scrubbed LR foot w/ Nolvasan and poured Betadine over hyperkeratotic lesion after cleaning. Will continue daily treatment due to hyperkeratotic lesion.
12 Jan 2004	Medical note	Keeper noticed elephant was rubbing right side of jaw/mouth on post for several minutes today. Concerned there might be a problem since eleph is missing tusk from right side. Elephant did respond to commands and opened mouth for visual examination. No problems were seen, although small abrasion was present to skin over L tusk (no treatment needed).
15 Jan 2004	Foot management	Scrubbed back feet with Dermapet Gel due to hyperkeratotic lesion on feet, then covered lesions with corona cream. Will continue daily foot treatments until can get hyperkeratotic lesion to respond. Elephant is responding better overall. Temperment seems to be better. Presents feet for cleaning when directed by keepers. Overall behaviour is vastly improved.
17 Jan 2004	Foot management	Scrubbed and cleaned both back feet. Applied corona ointment to each foot.
22 Jan 2004	Foot management	Scrubbed foot with Dermapet shampoo, then applied corona cream to hyperkeratotic lesions around sole of each rear foot. Will continue daily treatment, as possible, until lesions are clear.
22 Jan 2004	Foot management	Continuing treatment to hind foot due to hyperkeratotic lesions, using Dermapet to scup foot, then applying corona cream after cleaning.
28 Jan 2004	Animal management note	Keepers report could not perform foot treatment session as animal was very uncooperative.
30 Jan 2004	Medical note	In afternoon animal was found to be very restless and uncomfortable. Would not respond to any of usual commands. Seemed bloated to left flank, but was passing feces. Animal had not eaten all of morning hay, refused produce treats. Animal would stretch rear legs behind her, or lean against barn pole supports and kept trunk down with drops of liquid seen dripping off of trunk. During urination, she voided only a small amount of foamy urine, she also seemed to strain after voiding without passing anymore urine. Talked w/ Dr. Flanagan @ Houston, Dr. Gary West @ Oklahoma City, and Dr. Dennis Schmidt in Southwest Missouri State. Suggested possible cystitis or uteran tumor, as well as possible gastrointestinal/bloat involvement but all agreed bloat was unlikely since she is passing feces. Recommended prophylactic treatment w/ Banamine until more diagnostics are available. Urinalysis was performed and revealed; Blood-Neg; Bili-Neg; Urobilinogen-Neg; Ketones-Neg; Glu-Neg; Protein-Neg; Nitrite-Pos (was contaminated sample from barn floor); Leukocytes-Neg; pH-8; sp. gr. 1.020. Sedimentation revealed too much debris to be diagnostic; did not recognize any RBC, WBC, or any smooth muscle cells, indicative of uteran tumor. Dr. Schmidt reported most uteran tumors seen on Asian, not African Elephants and is usually accompanied by blood in urine as well.



		Animal was let on exhibit, she would stretch rear legs, and acted uncomfortable. Left flank remained distended. Keeper came back and checked in late evening and reported no improvement. Water consumption had been normal, only change had been 2 grapefruits given as enrichment.
31 Jan 2004	Medical note	Keepers report animal seems back to normal. Responded well to commands. Allowed foot session for rear foot treatment. Ate all of hay given-withheld pelleted foods and gave few handfuls of produce. Normal feces and urination.
1 Feb 2004	Medical observation	Keepers report animal is back to normal. No evidence of gastrointestinal upset, no strainuria. Normal fecal output; normal appetite; normal water consumption.
5 Feb 2004	Behavior note	Keepers report elephant has been fairly aggressive all week. Is responding to commands, but will charge at keepers, or swing trunk at keepers through stall bars.
10 Feb 2004	Foot management	Foot session performed today. Keepers are trying to work on feet by scrubbing with Dermapet medicated shampoo, then covering with Corona cream. Today were able to remove portion of overgrown cuticle.
18 Feb 2004	Foot management	Keepers continue to perform daily (as possible) foot treatments to manage foot problems
18 Feb 2004	Behavior note	Keepers report de-sensitizing animal to ERC by getting animal to eat hay next to open chute doors.
24 Feb 2004	Behavior note	Keepers report would not go on exhibit today due to weather (cold, rain-1.13", north wind)
2 Mar 2004	Fecal check/worming	Fecal flotation: Negative
9 Mar 2004	Behavior note	Didn't respond to commands well today. Seemed agitated. Was aggressive towards other elephant and keepers during weekly blood draw on elephant #356.
10 Mar 2004	Medical note	Keepers reported elephant was very listless and uncomfortable in morning. Wouldn't eat morning grains. Did eat hay overnight and had normal amount of stool present in stall. Did go outside, but didn't eat any hay or produce. Stood and would rock back and forth and rear legs. Would cock leg up and stand on other 3, then shift to other rear leg. Would hold trunk motionless on ground. Didn't interact w/ other elephant. Didn't appear bloated. Hard to tell if she was having intestinal pain or arthritic problems. Discussed problem with elephant manager and director. Decided to go ahead and give Banamine as anti-inflammatory to treat either/or intestinal discomfort or arthritic problems. Gave 0.2mg/kg orally of 50mg/ml Banamine injectable by hiding in peanut butter, then giving w/ Cola. Received 20 ml or 1 gm of Banamine. Seemed more comfortable in afternoon. More responsive, did eat some ry crisps offered by public. Gave only hay in evening. Ate hay. Did respond better for commands.
11 Mar 2004	Medical note	Animal seems less uncomfortable this am. Did eat all of hay during night; fed only hay this am and ate normally. Had only one fecal pile in barn, but didn't eat much yesterday. Repeated 20ml injectable Banamine by giving orally in a banana (1gm). Fed 8 cups wheat bran mixed with 4 cups whole oats, 2 cups rolled oats, and mixed with small amount of Karo syrup and Molasses. More responsive this morning. Responded to commands, went outside, seemed much more alert.
11 Mar 2004	Fecal check/worming	Repeated fecal flotation this morning. Fecal-Negative.
11 Mar 2004	Medical note	Elephant seems to be feeling better today. More responsive to commands, more active, appetite is improving. Still not having normal amount of bowel movements but stool being passed does appear normal. Repeated Banamine medication; gave 15 ml in an orange and additional 5 ml in a banana. Gave 8 cups wheat bran in small amount (approx. 6 cups) whole and processed oats along with some molasses and karo syrup. Gave glyco-flex w/ 2 cups ADF 16 in pm. Ate 2 bales coastal hay.
12 Mar 2004	Medical note	Elephant continues to appear in improving. Is much more alert and visually seems to feel better. Appetite continues to be good, still not passing normal amount of feces, but stool being passed does appear normal. Repeat fecal flotation is negative. Discontinued Banamine, gave 8 cups wheat bran in 6 cups ADF 16 and gave pm glyco-flex in 2 cups ADF 16. Continued increased coastal hay.
12 Mar 2004	Medical note	Elephant continues to improve and return to normal. Much more alert and responsive to commands. Has good appetite, fed small amount of ADF 16 w/ 8 cups of bran this am and another small amount in evening w/ Glyco-flex. Gave 1&1/2 bales of hay in pm.
23 Mar 2004	Behavior note	Elephant charged ERC this afternoon during blood draw on elephant #356. Also much disruption due to old exhibit destruction and wind blowing.
28 Mar 2004	Medical treatment	Added 8 cups of bran to diet after added new dirt to exhibit in case elephants ingested dirt due to new enrichment.
28 Mar 2004	Medical note	Added 8 cups of bran to diet due to dirt work/new dirt added to exhibit in case elephants ingested any dirt.

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1 Apr 2004	Medical observation	In evening elephant was very reluctant to come in off exhibit. On observation she was seen to be stiff to LR leg and would not bend leg and was favoring leg. Leg at ankle seemed swollen medially. Took 45 min. to get in off exhibit. Keepers came back at 9:30 pm to check on elephant. She had not had a bowel movement but did finally have a loose stool while observing. Elephant seemed agitated and would sway back and forth and swish tail constantly.
2 Apr 2004	Medical treatment	Animal was still very stiff and favoring left rear leg. Begin to double Glyco-flex by giving with grains am and pm (1 cup each) instead of just pm. Will also give 20 cc Banamine orally for the next 3 days.
3 Apr 2004	Medical treatment	Animal seems better today. Still stiff to left rear leg, but did respond to commands, eating well, normal bowel movements. Will give last dose banamine tomorrow and continue Glyco-flex bid to assess response.
4 Apr 2004	Medical treatment	Last day of 20 ml Banamine orally. Keepers are hiding 10 ml/orange and elephant is taking well. Keepers report elephant is using leg better; is still a little stiff to LR leg, but doesn't seem as swollen and animal is definitely using leg better, and bearing more weight on leg. Responding better to commands. Keepers are planning to perform foot session tomorrow in attempt to examine leg more closely.
5 Apr 2004	Medical treatment	Keepers are maintaining elephant on 1 cup glyco-flex in grains bid as nutraceutical support due to arthritis. Keepers do report that elephant seems to continue to improve and return to normal. Swelling is down in leg, and elephant is responding well to commands, however elephant is still favoring leg a little.
7 Apr 2004	Medical observation	Keepers report elephant has small superficial laceration to top of trunk. Visitor reported seeing blood present. Scrape is not serious and should not require medication. Will continue to monitor.
7 Apr 2004	Foot management	Keepers began treating feet once again. Elephant still has hyperkeratosis type lesion around back foot pads. Keepers are using Corona cream for treatment.
20 Apr 2004	Behavior note	Wouldn't respond to commands given by back-up keeper.
28 Apr 2004	Medical observation	Elephant is again lame to left rear leg-had rain over past several days and exhibit is muddy; may have injured leg while sliding in mud.
2 May 2004	Medical treatment	Keepers report elephant is again lame to left rear leg. Not willing to bend at knee; cocks leg up to take weight off of leg while standing. Will start on oral Banamine again, due to presumed arthritis at 20 ml (1 gram) injectable Banamine (Flunixin meglamine) orally hidden in 3 oranges for administration.
3 May 2004	Medical treatment	Keepers report elephant is improved, but still lame to left rear leg. Will repeat Banamine administration (1 gm injectable Banamine hidden in 3 oranges for oral administration).
5 May 2004	Medical treatment	Keepers report elephant is no longer lame to left rear leg. Will discontinue oral Banamine at this time and maintain on oral Glyco-flex twice daily to help control arthritis.
7 May 2004	Medical observation	Keeper reports elephant is still favoring LR leg slightly, has slight limp noted.
12 May 2004	Foot management	Keepers worked on both rear feet today. No problems reported.
16 May 2004	Behavior note	Elephant wouldn't leave barn and go on exhibit w/o other 0.1 elephant (#356) with her.
18 May 2004	Aggression	Elephant acted aggressive during blood draw on elephant #356; this animal has been off of glyo-flex supplementation for 3 days (out-has been re-ordered) and may have arthritis pain.
25 May 2004	Behavior note	Did not want to go out w/o 356 (Tanya)
2 Jun 2004	Individual behavior	Keeper reports became upset, possibly due to large zoo teen volunteer group coming through on tour. Threw branches into Secretary bird exhibit.
15 Jun 2004	Animal management note	Keepers report did training session w/ 0.2 elephants. Report training session went well, with both 0.2 elephants responding well to commands.
18 Jun 2004	Behavior note	Keepers report elephants worked well for training session.
23 Jun 2004	Behavior note	Training session with both elephants done today.
27 Jun 2004	Medical observation	Animal noted to be stiff to left rear leg today. Unsure of reason-maybe related to increased rain, causing mud in exhibit and resulting in animal slipping or sliding more.
1 Jul 2004	Foot management	Foot session went well today; able to trim all 4 feet.
2 Jul 2004	Medical treatment	Consulted with Dr. Michele Miller @ Disney (elephant tag veterinary advisor) over use of NDAID's in elephants for the treatment of arthritis. Dr. Miller recommended using (1) Flunixin meglamine: 0.7-1.0 mg/kg PO q 24-48 hr; (2) Ibuprofen: 0.5-4 mg/kg PO q 24 hr; (3) Phenylbutazone: 1-2 mg/kg PO q 24 hr up to 2.5 mg/kg q 48 hr. Also stated there was a report of using Adequan (polysulfated glycosaminoglycan) in performing elephants at a dosage of 0.5-1.0 mg/kg im weekly for 4 to 8 weeks. Due to this animal's aggression, unable to give injections, will start on 1 mg/kg Phenylbutazone orally q

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		24 hrs due to lameness seen to left rear leg along with some swelling to lower leg. RX: 5 grams Phenylbutazone orally po q 24 hrs. mixed in ADF 16 powder and molasses or honey until no longer lame.
5 Jul 2004	Medical observation	Keepers report animal is no longer limping. Seems to be back to normal. NSAID medication discontinued for now. Will continue to give Glyco-flex to help keep symptoms of arthritis under control.
6 Jul 2004	Foot management	Foot session reveals return of hyperkeratosis or "feathering" signs to LR foot. Applied corona cream to LR foot to help reduce signs of hyperkeratosis.
8 Jul 2004	Individual behavior	Keepers report elephant did not want to leave barn in am.
14 Jul 2004	Individual behavior	Elephant aggressive towards other female elephant (#356) during blood draw on #356.
29 Jul 2004	Foot management	Keepers performed foot trim. Reported this elephant has deep ridge along outside edge of RR foot.
30 Jul 2004	Medical observation	Elephant seen slightly favoring LR leg during day.
1 Aug 2004	Medical treatment	8 cups bran added to diet daily for next week as laxative.
1 Aug 2004	Medical note	Lots of fecal matter found in stall today (2.5 barrels compared to 1 barrel w/ other elephant) that had a very pungent odor. Keepers report seemed normal yesterday; may have been stressed from zoo serenade.
9 Aug 2004	Medical treatment	Gave 10,000 mg (10 gm) Phenylbutazone orally mixed with ADF 16 dust and honey because keepers noticed elephant was somewhat lame to left rear leg.
10 Aug 2004	Medical treatment	Keepers report elephant is not lame to rear leg, is moving well and seems to be feeling good. Discontinue Phenylbutazone.
15 Aug 2004	Medical note	Limping some on LR leg
19 Aug 2004	Medical treatment	Given 10,000mg Phenylbutazone PO
20 Aug 2004	Medical treatment	Given 10,000mg Phenylbutazone PO in PM
21 Aug 2004	Medical treatment	Given 10,000mg Phenylbutazone PO
24 Aug 2004	Behavior note	Tanzy charged the ERD and broke the weld at the top of the north east door where it is attached to the hydraulic cylinder. Door repaired by maintenance staff and Park Staff. Tanzy sustained no injury.
29 Aug 2004	Behavior note	Tanzy seemed distant and listless today. Standing with left rear leg propped on toes.
29 Aug 2004	Medical treatment	Given 10,000 mg Bute
1 Sep 2004	Medical note	Limping on left rear leg and in a bad mood. Seemed very agitated today. Aggressive to Tanya. Took a swing at keeper (James O'Brien).
2 Sep 2004	Behavior note	Very aggressive toward Tanya today. Hitting her and knocking her down.
3 Sep 2004	Medical treatment	Given 10,000mg Bute
7 Sep 2004	Behavior note	Still aggressive to Tanya.
22 Sep 2004	Behavior note	Due to problems with ERD, both elephants left out on exhibit overnight. Keepers on hand and observed throughout the night. No problems recorded.
20 Oct 2004	Behavior note	On Wednesday, October 20, Tanzy, our 48-year old female African elephant was locked in the elephant restraint device (ERD) for the first time since she was unloaded into it upon her arrival. Since that time, she had been weary of it and would pass through it quickly. The elephant staff has been working to succeed in getting her more accustomed to and comfortable in this space. This is what made Wednesday's accomplishment such a big deal. She was held and rewarded for this over the duration of about 10 minutes that she was kept in the ERD. She showed some stress in her behavior, but no severe stress.
21 Oct 2004	Behavior note	On Thursday, October 21, staff attempted again to stop her in the ERD. Their first attempt was rebuffed by Tanzy and she was given a time out for about 30 minutes. The second time they tried, she did come out and was again secured in the ERD.
22 Oct 2004	Behavior note	On Friday, October 22, she totally refused to leave the barn and enter the ERD. She would step out with her front feet, but her back feet never left the barn. Keepers tried treats and browse to coax her out to no avail. Due to severe weather on that day, staff did not push it. Later in the day, they tried again without success.
23 Oct 2004	Behavior note	On Saturday, October 23, Tanzy's attitude was pretty much the same. She shows no sign of stress nor discomfort but Jeff Bullock, Director approved giving her some Bute in case we were dealing with some arthritic pain as we had in the past. She was again given several opportunities to leave the stall but continued to refuse.
24 Oct 2004	Behavior note	On Sunday, October 24, she again refused. This time however, when the gate between the two stalls



		was open, Tonya, the other elephant that had been trapped in the barn due to Tanzy's refusal to leave passed by Tanzy and exited the barn through the ERD. She was left out approx. 2 hours during which she was somewhat agitated and kept returning to the ERD as if trying to coax Tanzy out. At the end of the day, Tonya was brought back through Tanzy's stall and locked in her own.
25 Oct 2004	Behavior note	On Monday, October 25, there was no change. This time Tonya would not pass through Tanzy's stall so both elephants stayed in again.
26 Oct 2004	Behavior note	On Tuesday, October 26, Tanzy again refused to exit the barn. Jeff went down to the barn and worked with her to no avail. That afternoon, a meeting was held with Jeff, Stephanie, James, and Kate (Elephant Management Team) to discuss the problem to see if we missed something that might give some insight to this new behavior. Due to the extraordinary amount of feces build-up in Tanzy's stall as well as in Tonya's stall, we contacted the fire department to borrow a fire hose that would allow us to spray the feces and urine from the barn and into the yard. This was completed by staff and at least the elephants had clean, though wet, stalls.
27 Oct 2004	Behavior note	On Wednesday October 27, Tanzy continued her resistance to leaving the barn. Special treats were offered from her past, but made no difference. Jeff met with Stephanie and James that afternoon to discuss the current situation and the future plans. Jeff laid out the following plan for Tanzy. She will receive ¼ bale of grass hay each night along with ½ barrel of water. She will be given opportunities to leave the barn every couple of hours spending no more than 30 minutes on each attempt. In order to meet Tonya's psychological and physical needs, it was decided that the west gate into the barn that had been sealed shut would be modified to be open and allow Tonya to go on exhibit without having to go through Tanzy's stall.
31 Oct 2004	Behavior note	Appears to be getting more aggressive with female Tanya (356) fighting through the bars.
2 Nov 2004	Medical observation	Noticeable amount of white mucus around both eyes AM. Shivering and skin appears very dry.
3 Nov 2004	Medical observation	Shivering at 1:30 PM. Not eating much. Mucus in both eyes and temporals draining.
14 Nov 2004	Note	Leg stiffness and irritable. Took a swing at keepers two times.
15 Nov 2004	Note	Mucus in both eyes. Aggressive to keepers and other elephant. Treated w/10g Bute
16 Nov 2004	Medical treatment	10g Bute Calmer today
29 Nov 2004	Medical treatment	10g Bute PO
30 Nov 2004	Medical observation	Shakey AM on front legs.
12 Dec 2004	Medical observation	Lots of mucus in eyes
23 Dec 2004	Medical observation	Shaking badly, especially on front legs. Very cold today, but barn appears warm.
2 Jan 2005	Medical observation	Noticeable stiffness in legs when she went out. She finally left barn on her own at 10:15 AM through ERD. Minimal temporal drainage. She went out after Tanya made a sudden noise in the exhibit. Nothing else out of the ordinary. She came in well. Followed normal let in procedures. Given 10g Bute tabs.
3 Jan 2005	Note	Refused to leave stall again.
4 Jan 2005	Medical treatment	1st day of TB trunk wash. Still in barn.
5 Jan 2005	Medical treatment	2nd day of TB trunk wash. Still in barn
6 Jan 2005	Medical treatment	3rd day of TB trunk wash.
7 Jan 2005	Note	Went out at about 4 PM through ERD. No staff around at the time. She was allowed to stay outside later than normal. When given opportunity to enter barn through north door, she refused. She was shifted inside through ERD before dark. While outside, she was somewhat stiff, but active in the yard. She looked noticeably thinner across her back.
8 Jan 2005	Note	Refused to leave her stall again.
17 Jan 2005	Note	She was somewhat aggressive today but also seemed stiff, drawn, & lethargic. Keepers noted hearing cracking in joints when she walked.
18 Jan 2005	Medical observation	Seemed bloated on her left side. Tried to give her Therablast (4oz) mixed with KoolAid but she wouldn't drink it. Still no major improvement. Ate less than 1/2 bale of hay.
19 Jan 2005	Medical treatment	Attempted to give 90cc Banamine. Got approx. 45cc in her. She seems uncomfortable.
20 Jan 2005	Medical treatment	10g Bute for pain
21 Jan 2005	Medical treatment	Seems to be feeling better but still sluggish. Given 10g Bute tabs

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22 Jan 2005	Medical treatment	10g bute tabs to make her comfortable. Ate better; Good stools.
25 Jan 2005	Medical observation	After visual exam with Dr. Hilton, noticed definite lack of teeth on upper left jaw. Started chopping hay with brush chipper from Parks Department. She seems to eat the hay much better.
27 Jan 2005	Medical treatment	Called in Dr. Dennis Schmitt to assist with her treatment. Drew blood from right rear leg for CBC/Chem. Blood draw went well.
28 Jan 2005	Medical treatment	Dr. Hilton tried to draw blood, but she pulled her leg. Increased Glyco-Flex to 1 cup AM and 2 PM
31 Jan 2005	Medical treatment	Started treating with 30,000mg (7mg/kg) Ibuprofen daily for long-term pain treatment. (150 200mg tablets) Collected urine for urinalysis - Normal Defecating more than normal and stool getting softer throughout the day. Will stop beet pulp in diet. She is acting strangely submissive when James O enters Tanya's stall. Took temperature - 96.5
1 Feb 2005	Medical observation	Took temperature in fresh stool - 95.5 Still showing submissive behavior. Not targeting for KAta, but does everything else. Targets for James.
2 Feb 2005	Medical treatment	Tanya will be treated with 30,000 mg Ibuprofen daily UFN.
7 Feb 2005	Medical observation	She looked bloated on her left side.
8 Feb 2005	Medical observation	Still looks a little bloated. Blood draw. WBC is back up????
10 Feb 2005	Medical observation	Somewhat bloated after 2 barrels of AM hay
21 Feb 2005	Behavior note	GIVEN ACCESS TO EXHIBIT OVERNIGHT TONIGHT AND LAST NIGHT. SHE DID NOT LEAVE BARN LAST NIGHT.
1 Mar 2005	Medical treatment	Blood draw successful.
4 Mar 2005	Medical treatment	Started on 100mg Xanax daily. UFN
7 Mar 2005	Behavior note	Still aggressive, but almost leaving the barn.
8 Mar 2005	Medical treatment	Blood Draw
9 Mar 2005	Note	Attached chain anklet to left front foot. Did not affect her at all.
10 Mar 2005	Medical treatment	Increased Xanax to 150 mg per day UFN
11 Mar 2005	Behavior note	Tanya left the barn on her own this AM. Will continue w/Xanax for now. Seemed kind of out of it in AM
12 Mar 2005	Behavior note	Out on exhibit again. Given access to yard overnight
13 Mar 2005	Behavior note	Going out nearly normal.
14 Mar 2005	Medical treatment	Reduced Xanax to 100mg/day UFN. Went out great today
15 Mar 2005	Medical treatment	Blood Draw. Went out great for staff.
19 Mar 2005	Medical treatment	Xanax reduced to 90mg. Supposed to be 75mg.
20 Mar 2005	Medical treatment	Given 75mg Xanax. Slowly decreasing dosage as long as she keeps going outside.
21 Mar 2005	Medical treatment	75mg Xanax
22 Mar 2005	Medical treatment	Blood Draw
23 Mar 2005	Behavior note	Slow to go out this AM.
24 Mar 2005	Medical treatment	Dropped to 50mg Xanax. Tanya refused to go outside. Given another 25mg and went out 15 minutes later.
25 Mar 2005	Medical treatment	75mg Xanax
29 Mar 2005	Medical treatment	Blood draw
30 Mar 2005	Medical treatment	74mg Xanax
31 Mar 2005	Medical treatment	Dropped Xanax dose to 72 mg. Will continue dropping by 4mg every three days to assess dosage level.
1 Apr 2005	Medical treatment	Given 74mg Xanax
2 Apr 2005	Medical treatment	70 Mg. Xanax
7 Apr 2005	Medical treatment	Dose dropped to 66mg Xanax
11 Apr 2005	Medical treatment	Dose dropped to 62mg Xanax
13 Apr 2005	Medical observation	Unusual mucousy substance found in stall and on wall. Taken to Dr. Hilton and sent off for testing.
15 Apr 2005	Medical treatment	Dose dropped to 58mg Xanax
19 Apr 2005	Medical treatment	Dose dropped to 54mg Xanax
22 Apr 2005	Medical treatment	Either given 58mg or 54mg Xanax. Keeper reports differ????
25 Apr 2005	Medical observation	More mucus found in stall and collected.

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29 Apr 2005	Medical treatment	Dose dropped to 46mg Xanax. Also day 1 of trunk washes.
30 Apr 2005	Medical treatment	Day 2 trunk wash
1 May 2005	Medical treatment	Day 3 trunk wash
1 May 2005	Medical observation	More mucus in stall . Day 3 of trunk washes.
2 May 2005	Medical treatment	Reduced Xanax to 42 mg. Went out fine.
6 May 2005	Medical treatment	Reduced Xanax to 38mg. Went out fine.
10 May 2005	Medical treatment	Xanax Dosage at 34mg.
14 May 2005	Medical treatment	Reduced Xanax to 30mg per day
18 May 2005	Medical treatment	Dropped to 26mg Xanax
19 May 2005	Medical observation	Very lethargic today. Refused to stand for blood draw and slow to respond to commands.
23 May 2005	Medical treatment	Dropped to 22mg Xanax
26 May 2005	Medical treatment	Dropped to 18mg Xanax
29 May 2005	Medical treatment	Xanax dose dropped to 18mg
30 May 2005	Medical treatment	Xanax dose dropped to 14mg. Keeper noted that she was pretty aggressive toward toward Tanya in the barn. Also, Stephanie noted a quarter sized hole about 1/2-inch deep of feathered tissue on left rear foot @ first nail.
31 May 2005	Behavior note	She was once again aggressive towards Tanya.
3 Jun 2005	Medical treatment	Xanax dose dropped to 10mg
6 Jun 2005	Behavior note	Very aggressive to Tanya.
7 Jun 2005	Medical treatment	Xanax dose dropped to 6mg
11 Jun 2005	Medical treatment	Xanax 2mg dose
14 Jun 2005	Behavior note	Still aggressive towards Tanya.
15 Jun 2005	Medical treatment	No Xanax AM-she refused to leave barn. Given 40mg. Then given 30mg. Keepers then gave 30 mg more and then another 30mg. She left the barn at 3PM.
16 Jun 2005	Medical treatment	Given 40mg Xanax then another 60mg.
17 Jun 2005	Medical treatment	Given 100mg Xanax AM. Hesitated, but came out.
18 Jun 2005	Medical treatment	Given 100mg Xanax daily UFN
24 Jun 2005	Medical treatment	Increased daily dose of Ibuprofen to 37,500mg (188- 500mg tablets)
25 Jun 2005	Behavior note	She was calmer today and much less aggressive to Tanya.
20 Jul 2005	Medical observation	Chipped off big chunk of tusk this evening.
25 Jul 2005	Medical treatment	96 mg Xanax
29 Jul 2005	Medical treatment	Xanax dropped to 92mg
2 Aug 2005	Medical treatment	Dropped Xanax to 88mg
5 Aug 2005	Medical treatment	Xanax dropped to 84mg
10 Aug 2005	Medical treatment	Xanax dropped to 80mg
12 Aug 2005	Medical treatment	Left 4mg of 80mg treatment of Xanax
18 Aug 2005	Medical treatment	Xanax decreased to 76mg
21 Aug 2005	Medical treatment	Ate 68 of 76mg Xanax
25 Aug 2005	Medical treatment	Xanax dropped to 72mg
31 Aug 2005	Note	Given access to exhibit overnight for exercise.
3 Sep 2005	Medical treatment	Xanax dropped to 68mg
4 Sep 2005	Medical treatment	Left 8mg of 68mg treatment of Xanax
11 Sep 2005	Medical observation	Mucus like substance from vagina.
12 Sep 2005	Medical treatment	Xanax dose dropped to 64mg
15 Sep 2005	Medical observation	Vaginal discharge. Clear with mucus-like texture
16 Sep 2005	Medical note	Only received 56mg Xanax because keepers ran short. No problem noted. More vaginal discharge.
17 Sep 2005	Medical treatment	Back on track with 64mg Xanax

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18 Sep 2005	Behavior note	Hesitant to go outside.
26 Sep 2005	Medical treatment	Xanax dose dropped to 60mg.
27 Sep 2005	Medical observation	Right side of jaw appears to be sinking in.
11 Oct 2005	Medical treatment	Dropped xanax to 56mg
24 Oct 2005	Medical treatment	REDUCED XANAX DOSE TO 52MG
26 Oct 2005	Behavior note	Slow to leave the barn today.
8 Nov 2005	Medical treatment	Xanax reduced to 48mg
29 Nov 2005	Medical treatment	Blood taken from right rear leg for CBC Chem. On 52mg. Xanax
6 Dec 2005	Medical treatment	Ibuprofen dose will be increased by 50% for seven days and then reduced to 25% of current dose UFN. Current dose is 37,500mg daily. Also will begin monthly CBC tests and quarterly Chem panels.
8 May 2006	Medical treatment	3 days of trunk washes sent off.
29 May 2006	Medical observation	Looks like both of her bottom teeth are about ready to fall out
4 Jul 2006	Behavior note	Keeper reported "Tanzy has been acting more aggressive lately."
26 Jul 2006	Medical treatment	Tanzy took new Ibuprofen treats fine.
8 Aug 2006	Medical observation	Slower kneeling and switching back foot on salute command. Seems to be favoring left rear leg.
9 Aug 2006	Behavior note	Very uncooperative. Possibly due to problem with hydraulics. They were making a racket due to hose problem.
10 Aug 2006	Behavior note	Much better today. Hydraulics were repaired.
16 Aug 2006	Medical observation	Seems stressed when no one is around, but fine when staff is present. Moving and eating fine.
23 Aug 2006	Medical observation	Shifting on her feet. Mainly her left rear leg..
24 Aug 2006	Medical observation	Seemed to have p[roblems when we got to left rear leg in footwork session.
25 Aug 2006	Medical observation	Continues to show problems with her left rear leg. Seemed to walk OK but favors it when standing for long periods of time. She is eating great.
4 Sep 2006	Medical observation	Slow to eat grains and drinking a lot of water. Face appeared sunken in. Ate hay fine and went outside with no difficulty.
21 Sep 2006	Medical treatment	Not feeling well today. Bloating, possibly Colic. Laying down on exhibit in AM. Not responsive at first, but then got up. Leaning against building and stretching legs. Brought into barn. Treated with 5cc Butorphanol IV in ear & 9cc Banamine injectable IV in ear. Beginning tomorrow, will give 9cc Banamine Paste orally twice a day for three days and 1gal. mineral oil orally, twice a day for two days. Her condition improved throughout the day.
22 Nov 2006	Medical note	Keepers note more drainage from the temporal glands, reluctance to follow commands and perhaps more "trunk sucking". Medication evaluation may be needed.
30 Nov 2006	Medical note	May have lost a portion of a molar. Keepers found a portion of a molar in her stall, although cannot pinpoint the actual source.
11 Dec 2006	Behavior note	Tanzy acting up again today. Trumpeting a lot today, chasing Tanya around exhibit. Bluff charging at curator as he walked by. Generally seemed wound up.
16 Dec 2006	Medical treatment	Xanax increased to 75 mg SID and will monitor her behavior. Per Dr. Hilton and Doug's direction.
1 Jan 2007	Environment	Added new scratchin post to exhibit along with new tire swing for enrichment. Elephants seemed to really enjoy the new addition.
5 Mar 2007	Medical note	Broke off her left tusk in the exhibit. Has sharp sharp left. Notified vet. Curator, Director examined and will re-evaluate with the vet tomorrow when he arrives. As of now, it does not appear to be causing distress or appear to have fractured into the pulp. Purely cosmetic.
6 Mar 2007	Medical note	Broke off shard overnight. Her demeanor seems much better this morning. Vet looked at her. Does not seem to have fractured in to the pulp. For now the plan is to do nothing except keep the area clean and monitor for distress or discomfort.
17 Mar 2007	Behavior note	Seems to be having some problems kneeling and presenting L rear foot through foot door.
28 Mar 2007	Medical note	Urine seemed very cloudy and "pungent" today.
29 Mar 2007	Medical note	Urine cloudy and "pungent" again today. Elephant seems fine otherwise, no "off" behaviors noted my staff.
22 May 2007	Medical note	Broke off a piece of tooth this morning, with a small fleck of tissue. Does not seem to be effecting her at



		all. Will continue to monitor.
9 Jul 2007	Behavior note	Refused to leave the barn today. May be because Tanya got a hold of keepers tools on exhibit first thing in morning and had to be rushed back in and this may have been enough to spook Tanzy. Will attempt again tomorrow.
10 Jul 2007	Behavior note	Came out of barn okay today
24 Jul 2007	Animal management note	Day #1 of trunk washes for TB testing. Animal did fine.
25 Jul 2007	Animal management note	Day #2 of trunk wash. Did okay.
26 Jul 2007	Animal management note	Last day for trunk wash. She did splendid.
4 Aug 2007	Medical observation	Tanzy has "coudy" urine today. Will monitor. Seemed normal at pm check.
6 Aug 2007	Medical observation	Tanzy seemed "off" in the morning. She did not eat her grain from last night. Was slow with commands going out. She is doing a lot of stretching and seems to be in some dicomfort in a.m. Curator looked at her and aprosed staff to keep close eye on her. Vet notified. Keepers watching her through the day. At 4:00 she appears to have worstened. She seems unresponsive and is doing quite a bit of leaning against things. Vet called again and given new information. Director looked at her also. Vet came in and vet, curator, director, supervisor loked at her and think maybe she is colic-ing. Pull grains for evening and gave her beet pulp with mineral oil to aid in her sitation. Will monitor through night.
7 Aug 2007	Medical observation	Still no real response. Did not eat beet pulp through night. Curator and supervisor took turns checking on her through night. Let her out as usual, she was not overly active. No real drinking or eating was observed. Gave her poweraid drinks to see if she would drink. She took a couple. 32 oz total. Was not overly interested in watermelon or ice placed on exhibit for her. Curator and vet are calling around country to consult other experts on condition.
8 Aug 2007	Medical observation	Still no progress on condition. Keepsrs have tried multiple foods and variety of ideas to get water to her. She is unresponsive to commands as well. She did spend some time at the pool today with Tanya tossing water on herself although did not note her drinking. Consesus from amangement is that we will need to do a standing sedation on her to get her hydrated and obtain blood sample. May look at tomorrow for this.
9 Aug 2007	Medical note	Still no change in condition. Seems to be declining. Animal was darted for standing sedation so vet could draw blood and hydrate through enema. Tanzy would not go into full sedation enough for staff to work on her. She became quite calm, yet never full seadate to point of workability. Had to abort procedure as it was felt risk was not worth it. ***Tanzy began to eat some hay and produce and drink from barrel in evening!
10 Aug 2007	Medical observation	Tanzy ate 3/4 bale of hay, quite a bit of produce and drank a full barrel of water (50 gal) overnight! Today's sedation was aborted as it was felt that she got plenty of water on her own. Tanzy followed commands and keepers were able to get a blood sample for lab testing. Animal was let out into the yard and seems to be doing better. Vet feels as though the drugs she was darted gave her some pain relief. Curator and vet are working to pinpoint what is causing the pain.
11 Aug 2007	Medical observation	Seems to be doing better. Took her medications fine. Did all her commands and she is eating and drinking. Small amounts, but still taking some. She was actually at the fence today taking rye-crisp crackers from the visitors. Keepers continuing to keep watch on her through day. Staying cautiously guarded.
12 Aug 2007	Medical observation	Tanzy sooms okay today. Following her commands well. Still picking at her food. She is still at the fence mingling with the crowd. Drank about 8 gal. out of the barrel of the gatoraid. Keepsrs did not see her drink from the pool.
13 Aug 2007	Death note	Tanzy found down in her stall by keepers at 9:30. Curator was called and verified she was deceased. She had been on her feet and seemingly okay at 6:30 a.m. visit by curator. Time of death between 6:30 and 9:30.

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<u>Date</u>	<u>Sex</u>	<u>Comments</u>
30 Oct 1998	Female	
<u>Date</u>	<u>Rearing</u>	<u>Comments</u>
30 Oct 1998	Unknown	

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Taxonomic name: *Loxodonta africana*

Family: Elephantidae

Common name: African elephant

Order: Proboscidea

Current information

Sex: Female Sire ID:
Birth type: Wild Born Dam ID:
Birth Location: MANICALAND Rearing: Unknown
Birthdate-Age: ~ 1979 - ~27Y Hybrid: Not a hybrid
Time since last Acq: 25Y,8M,29D 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>
24 Nov 1981	Purchase from J SCHULZ / UNK	ABILENE / 356		

<u>Date</u>	<u>Identifier type</u>	<u>Identifier</u>	<u>Location</u>	<u>Comments</u>
24 Nov 1979	Regional Studbook #	185	AZA	185 "International Studbook Number" from ARKS 2 records
29 Oct 2004	House Name	TANYA		
<u>Date</u>	<u>Note type</u>	<u>Comments</u>		
9 Oct 2002	Behavior note	Tanya did not go out well.		
11 Oct 2002	Behavior note	She swung at keeper with trunk and showed aggression this a.m.		
13 Oct 2002	Medical note	Worked on foot trimming.		
18 Oct 2002	Behavior note	Did not want to go outside today. Was aggressive toward keepers as well as to female #1237, who once outside knocked her down. She threw a big fit inside the house, throwing feces and ramming doors.		
21 Oct 2002	Animal management note	Worked on preventing her from scooting up and reaching out during a.m. grain delivery. No problems.		
22 Oct 2002	Behavior note	Took a swing at keeper in the chute this a.m.		
23 Oct 2002	Behavior note	Very uncooperative, nervous. Probable cause arrival of new tigers last night.		
24 Oct 2002	Behavior note	Very non responsive to commands again.		
26 Oct 2002	Medical note	Pads of feet really looking great.		
28 Oct 2002	Behavior note	She took a swing at keeper with her trunk.		
9 Nov 2002	Medical note	Being difficult about going out on exhibit. Ignoring her is starting not to work as a deterrent to the behavior.		
10 Nov 2002	Behavior note	Did not cooperate in going out. Gave her a long time out. Tanzy (#1237) was very angry. Eventually did go out.		
15 Dec 2002	Animal management note	Trimmed feet.		
19 Dec 2002	Animal management note	Collected urine sample to determine progesterone level.		
23 Dec 2002	Medical note	Received superficial scrape on back from Tanzy's tusk.		
20 May 2003	Medical note	Broke off part of left tusk		
20 Jun 2003	Behavior note	Visitor dropped umbrella. Tanya got it and ingested some of it before it was able to be removed.		
21 Jun 2003	Behavior note	Laying down in AM acting like she had a stomach ache. Keeper was able to get her to get up and she appeared to act fine, but somewhat sluggish. Director instructed to supplement diet with alfalfa hay for the day.		
22 Jun 2003	Behavior note	Seems to be doing much better today.		
18 Nov 2003	Medical note	Doing very well with foot trimming sessions. Feet now doing so well, will now only require maintenance trimming. Back right foot does have nail damage; have treated by placing cross groove across nail to allow to grow normally. Animal is also allowing keepers to stop in chute; can get to kneel, close chute doors, responds to commands. Working on allowing alcohol treatment to ear (cleaning), then touching medial side of ear with wire to mimic blood draws.		
8 Dec 2003	Behavior note	Elephants wouldn't go on exhibit initially due to commotion w/ tigers leaving. RDH		
8 Jan 2004	Medical note	Performed mock blood draw session in preparation of blood draw tomorrow. Keepers stopped elephant in ERC, had her kneel; we then cleaned ear with alcohol and used wire to mimic needle stick. Elephant did well-no problems encountered.		

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9 Jan 2004	Medical note	Performed blood draw for first time this morning. Used 21 gauge butterfly catheter with 12 ml syringe. Got blood in catheter, but apparently went through vein and did not get any blood in syringe. Overall session went very well-elephant did not object to stopping in ERC, responded well to commands and did not flinch with needle stick. Other elephant also did not interfere with session.
13 Jan 2004	Medical treatment	Successful blood draw performed today. Blood taken from ear vein on medial side of ear flap. No problems encountered. Elephant responded positively to procedure. Will freeze serum collected. Plan on weekly blood draws for serum progesterone values in anticipation of charting estrus cycle.
19 Jan 2004	Behavior note	Keepers report elephant would not respond to commands today. Keepers believe animal may be coming into season.
20 Jan 2004	Medical treatment	Successful blood draw. Blood taken from medial side of right ear. Keepers to work on stopping elephant in ERC during afternoon let-ins to allow blood draws on left ear.
22 Jan 2004	Animal management note	Keepers stopped elephant in ERC during afternoon let in. Some minor confusion by both elephants, but overall session went well.
28 Jan 2004	Medical note	Blood drawn for progesterone assay (banked in clinic freezer w/ other samples) and CBC w/ Chem profile. Blood sent to TVMDL for results. CBC: WBC-10,100 (N-45,L-19,M-36); RBC-2.85x10e6; Hb-13.0; PCV-36.4; platelet estimate-1164x10e3; RBC morph-Normal; WBC morph-Normal; Hemoparasites-None seen. Chem panel: TSP-8.3; Alb-3.1; Ca-12.4; Phos-3.0; Glu-82; BUN-5.1; Creat-0.9; Tot Bili-0.1; ALP-80; CK-165; AST-10; Globulins-5.2; GGT-11.
4 Feb 2004	Medical note	Blood draw performed for progesterone assay. Serum kept in clinic freezer.
10 Feb 2004	Medical note	Blood draw performed for progesterone assay.
17 Feb 2004	Medical note	Blood draw performed for progesterone
26 Feb 2004	Medical note	Blood draw performed for progesterone assay.
1 Mar 2004	Medical observation	Keepers noticed superficial scrape to dorsal L hip. No treatment needed, keepers will continue to watch.
2 Mar 2004	Medical note	Blood draw from left ear. First time to attempt blood draw from left side. All went well. Tanya was a little nervous with Tanzy being close by, but Tanzy did not try to really interfere. Seemed more curious than aggressive.
2 Mar 2004	Fecal check/worming	Fecal flotation: Negative
3 Mar 2004	Medical procedure	Weekly progesterone blood draw performed.
9 Mar 2004	Medical note	Performed weekly blood draw. All went well; elephant #1237 somewhat aggressive and made #356 a little nervous.
12 Mar 2004	Medical note	Serum sent to TVMDL for vitamin E levels reveals total vitamin E levels of 0.28 ug/ml and vitamin E/Cholesterol Ratio of 0.5. Normal serum vitamin E for adult elephants is reported to be between 0.25 and 1.60 ug/ml. Sub adults reported to have somewhat lower concentrations.
16 Mar 2004	Behavior note	Keepers report public saw elephant ingest plastic bag which had blown onto exhibit. No apparent ill effects. Will continue to monitor.
22 Mar 2004	Medical observation	Keepers report elephant broke off chunk of tusk when slammed into hydraulic door.
23 Mar 2004	Medical procedure	Performed blood draw in afternoon after elephant didn't stop in ERC during morning let out. Blood draw went fine, but elephant became agitated after other elephant (#1237) charged ERC.
26 Mar 2004	Medical observation	Elephant has apparently minor wound to dorsal right hip caused by elephant #1237 becoming agitated and swinging on #356 resulting in skin wound. Keepers to monitor, but no treatment expected.
28 Mar 2004	Medical treatment	Added 8 cups bran to diet after adding new dirt to exhibit in case elephants ingest dirt.
28 Mar 2004	Medical note	Added 8 cups bran to diet due to dirt work/new dirt added to exhibit in case elephants ingested some of dirt.
6 Apr 2004	Medical procedure	Performed weekly blood draw for Progesterone analysis. Blood draw went well, without incident.
28 Apr 2004	Medical treatment	Blood draw performed for progesterone assay.
4 May 2004	Medical treatment	Blood draw performed for weekly progesterone analysis. Blood draw went well, no problems.
11 May 2004	Medical note	Blood draw performed for progesterone assay. Blood draw went well with no complications.
12 May 2004	Foot management	Keepers worked on both rear feet today.

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18 May 2004	Medical procedure	Blood draw performed for progesterone assay. Procedure went well-no problems encountered.
2 Jun 2004	Medical procedure	Blood draw performed for progesterone assay.
8 Jun 2004	Medical procedure	Weekly blood draw for progesterone assay.
9 Jun 2004	Animal management note	Performed mock blood draw to help train primary elephant keeper in being able to perform blood draws.
11 Jun 2004	Individual behavior	Keeper reports didn't want to go out today. Maybe in season.
15 Jun 2004	Medical procedure	Blood drawn from right ear for progesterone assay. Blood draw went well-no aggressive from other cow.
15 Jun 2004	Animal management note	Training session between keepers and 0.2 elephants went well. Both responded well to commands keepers introduced basketball to this female for enrichment. At first keepers report tried to eat basketball, then responded well.
17 Jun 2004	Behavior note	Keepers report didn't want to leave barn and go on exhibit today.
18 Jun 2004	Behavior note	Keepers report elephants worked well for training session.
20 Jun 2004	Behavior note	Elephant would not respond to back-up keeper commands
22 Jun 2004	Medical procedure	Blood draw performed for progesterone assay.
22 Jun 2004	Foot management	Foot session went well.
23 Jun 2004	Behavior note	Training session with both elephants today.
26 Jun 2004	Animal management note	Began training session today in conditioning animal to stand on TX DPS scales to determine weight.
29 Jun 2004	Medical procedure	Blood draw performed for progesterone assay. This sample completed 6 months worth of sampling (once weekly x 6 months). All samples sent off for progesterone assay to help determine elephant's heat cycles.
29 Jun 2004	Individual behavior	Keepers began training sessions to get animal to lift foot, then set down on TX DPS vehicle scale in order to eventually obtain weight.
1 Jul 2004	Foot management	Foot session went well today; worked on all 4 feet.
1 Jul 2004	Individual behavior	0.1 elephant brought car tire into barn from exhibit tonight when brought off exhibit. Suspect elephant may be cycling, because she will periodically mount and "ride" tire which keepers have attributed to heat cycle.
4 Jul 2004	Medical treatment	Elephants given 8 cups wheat bran once daily to diet 7/04 through 7/10 to help prevent sand colic.
6 Jul 2004	Medical procedure	Blood draw performed for weekly progesterone assay.
6 Jul 2004	Foot management	Foot session reveals feet have definite signs of standing in excess water for extended periods of time.
14 Jul 2004	Medical treatment	Blood draw performed for weekly progesterone assay. Blood draw went well with no problems, although other female elephant (#1237) was somewhat aggressive.
15 Jul 2004	Weight/Length	Training performed to get elephant to stand on DPS scales in order to determine weight went well. Continue to work on getting elephant to stand correctly on scales to obtain proper weight.
20 Jul 2004	Breeding management	Received results of progesterone levels from lab-results indicate elephant is cycling normally. Will continue weekly blood draws for progesterone levels and submit samples every 6 months to lab for continued mapping of results.
20 Jul 2004	Collection data	Received progesterone blood values from lab. Animal appears to be cycling normally; will continue weekly blood draws and submit samples to lab every 6 months to continue mapping progesterone levels.
21 Jul 2004	Individual behavior	Keepers report elephant threw "tantrum" today and would not go out initially. Keepers finally gave 15 minute time out; after which animal went out, stopped in ERC for blood draw and did not cause any further problems.
21 Jul 2004	Medical procedure	Blood draw performed for progesterone assay.
22 Jul 2004	Animal management note	Training session w/ DPS scales in effort to obtain weight.
23 Jul 2004	Behavior note	Elephant slow to go onto exhibit during morning let out.
27 Jul 2004	Individual behavior	Elephant didn't want to go out on exhibit this morning. When she finally went on exhibit, wouldn't stop in ERC to allow blood draw.
28 Jul 2004	Medical treatment	Blood draw performed for progesterone assay.
29 Jul 2004	Foot management	Keepers performed foot trim. Reported this elephant has very thin moist pads to rear feet.
31 Jul 2004	Individual behavior	Slow to come out in am.
1 Aug 2004	Medical treatment	8 cups bran added to diet daily for next week as laxative.
3 Aug 2004	Individual behavior	Elephant would not go out on exhibit initially this am; given time out, then when finally went on exhibit

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wouldn't stop in ERC to allow blood draw. Keepers will try again tomorrow for blood collection.

4 Aug 2004	Medical procedure	Keepers able to stop elephant in ERC this morning and obtain blood sample for progesterone assay.
5 Aug 2004	Individual behavior	Took 45 minutes to get elephant to stop in ERC this am. Used alfalfa, monkey biscuits, and other produce as primary enrichment.
6 Aug 2004	Individual behavior	Elephant still not wanting to go out on exhibit. Gave short time out, then longer time out (45min) before finally going out onto exhibit.
7 Aug 2004	Individual behavior	Elephant went out on exhibit this am, didn't attempt to stop her in ERC. Keepers stayed back and let her go out on own. No interference w/ other elephant (#1237).
9 Aug 2004	Individual behavior	Elephant out onto exhibit in am with little or no hesitation.
10 Aug 2004	Medical procedure	Progesterone assay blood draw performed.
24 Aug 2004	Medical note	Progesterone assay blood draw performed.
29 Aug 2004	Medical note	Broke tip off of left tusk. No cracks, but sharp edge on top.
31 Aug 2004	Medical treatment	Blood draw for progesterone test
7 Sep 2004	Medical note	Blood for progesterone taken today.
21 Sep 2004	Medical note	Blood Draw
22 Sep 2004	Behavior note	Due to problems with ERD, both elephants left out on exhibit overnight. Keepers on hand and observed throughout the night. No problems recorded.
29 Sep 2004	Medical note	Blood Draw.
5 Oct 2004	Medical note	Blood Draw.
28 Oct 2004	Medical procedure	Blood Draw.
28 Oct 2004	Animal management note	Gate on north side of elephant barn was cut open so that it could be used as access for Tonya. She was chained at the front of the stall on her RF ankle while the gate was secured open and locked in ERD to close the gate. She was able to go out on exhibit for the first time since Oct 24 when she got a couple of hours out after passing through Tanzy's stall with Tanzy there. She has been trapped in barn since Friday Oct 22 due to Tanzy refusing to go through ERD. With this gate on the North side she will be allowed to go out on her own daily until Tanzy gets over her fear of the ERD again.
28 Oct 2004	Note	DUE TO TANZY'S RESISTANCE TO GO OUT, THE BAR GATE ON THE NORTH SIDE OF THE BARN WAS CUT OPEN. TANYA WAS CHAINED DURING THE PROCESS ON ONE LEG CHAIN. ONCE THE YARD WAS CLEARED, SHE WAS GIVEN ACCESS TO THE EXHIBIT.
29 Oct 2004	Behavior note	While the ERD was open, Tanya began pushing on it and bent the shaft of the hydraulic cylinder.
31 Oct 2004	Behavior note	Seems to be getting more aggressive with other female Tanzy (1237) Broke off 2 pieces of tusk fighting through the fence.
19 Nov 2004	Behavior note	Became agitated in yard towards the end of the day.
24 Nov 2004	Medical note	Blood draw.
26 Nov 2004	Medical observation	Had mucus in her eyes.
12 Dec 2004	Medical observation	Lots of mucus in eyes.
14 Dec 2004	Medical observation	Shivering a bit and has mucus in her eyes. Blood draw on right ear.
21 Dec 2004	Medical treatment	Blood Draw.
27 Dec 2004	Medical observation	Broke off piece of left tusk.
28 Dec 2004	Medical observation	Broke off piece of left tusk on stall door. Upset after Tanzy stole pumpkin.
29 Dec 2004	Medical treatment	Blood Draw for P-4
4 Jan 2005	Medical treatment	Trunk wash - day 1
5 Jan 2005	Medical treatment	Trunk wash - Day 2
6 Jan 2005	Medical treatment	Trunk wash - day 3
12 Jan 2005	Medical treatment	Sore on right ear. Treated w/ Nitrofurazone
14 Jan 2005	Medical treatment	Sore on right ear. Treated w/ Nitrofurazone
15 Jan 2005	Medical treatment	Sore on right ear. Treated w/ Nitrofurazone
19 Jan 2005	Medical treatment	Blood Draw for reproductive assessment.

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25 Jan 2005	Medical observation	Keepers noted small white bumps along veins on back of ears. Think it may be a reaction to fiberglass street sweeper mounted in exhibit. It was removed.
1 Mar 2005	Medical treatment	Blood Draw for reproductive assessment.
1 Apr 2005	Medical observation	Favoring left rear leg.
2 Apr 2005	Medical observation	Walking much better.
29 Apr 2005	Medical treatment	Day 1 of TB trunk washes
30 Apr 2005	Medical treatment	Day 2 trunk wash
1 May 2005	Medical treatment	Day 3 trunk wash
14 Jun 2005	Medical observation	Broke off 1"X3"x2" piece of left tusk.
6 Jul 2005	Medical note	~4" crack in left tusk
7 Jul 2005	Note	Left tusk piece broken off. No other cracks.
17 Jul 2005	Medical observation	Broke off small piece of left tusk on outside. Does not appear to be serious.
29 Nov 2005	Medical treatment	Began daily blood collection for LH measurements
21 Dec 2005	Medical observation	Bleeding from edge of left ear - dry skin
14 Feb 2006	Medical observation	Broke off 3" long, 1/4" thick piece of left tusk.
15 Feb 2006	Medical note	Broke off 8.5 oz. piece from right tusk.
4 Apr 2006	Medical observation	Appears to be limping on right rear leg
6 Apr 2006	Medical observation	Swollen abdomen and walking wierd on rear legs. Appears to be fluid collecting causing discomfort. Took blood to run CBC/Chem. Blood test inconclusive. Dr. Hilton contacting other elephant vets. for assistance.
7 Apr 2006	Medical treatment	Given 3 tabs Naquasone (a diaretic) to increase urination. Seems to be more fluid today.
8 Apr 2006	Medical observation	Urinated quite a bit but seemed comforatble. No sense of discomfort. Still some swelling noted. Current diagnosis is that the fluid build-up is due to trauma caused by a blow form exhibit mate, Tanzy.
11 Apr 2006	Medical observation	Swelling is diminishing and redness around vulva fading.
13 Apr 2006	Medical observation	Still very swollen
15 Apr 2006	Medical observation	Appears to be more swollen today than yesterday around vulva and stomach.
16 Apr 2006	Medical observation	Very irritated today. Kicking at vaginal opening.
18 Apr 2006	Necropsy results	Given 1 tab (1/2 dose) Naquasone
19 Apr 2006	Medical treatment	Hydrotherapy 2X. Applied NitraTop to cracks and swollen areas.
20 Apr 2006	Medical observation	Swelling in vulva seems worse today.. Hydrotherapy 2X
21 Apr 2006	Medical observation	Swelling about the same. More in PM. Given 75 Tabs Furosemide SID. Hydro AM & PM.
26 Apr 2006	Medical observation	Swelling looks better today than yesterday. Increased Furosemide to 112 tabs. Hydrotherapy 2X
7 May 2006	Medical treatment	Last day on Furosemide. Given 1/2 dose - 56 Tabs.
8 May 2006	Medical treatment	3 days of trunk washes sent off.
15 Aug 2006	Medical observation	Mass in Abdomen not as hard as yesterday.
1 Jan 2007	Environment	Added new scratching post to yard. Seemed to really enjoy the new addition. Also has a tire swing for added enrichment.
24 Jul 2007	Animal management note	Day #1 of trunk washes for TB testing. Did fine
25 Jul 2007	Animal management note	Day #2 of trunk washes. Did well.
26 Jul 2007	Animal management note	Last day of TB trunk washes. She did fine.
13 Aug 2007	Animal management note	Lost her xhibit mate (Tanzy) today. Allowed her to mourne. She seems fine with it. Her attitude is good, responds well, no issues with commands or "let in".
14 Aug 2007	Animal management note	Attitude and behavior still seem okay. Curator spent time with her at first light. She seems in good spirits and responds well to people and commands.
15 Aug 2007	Animal management note	Tanya is doing well. Played with curator today and still seems upbeat and eating and drinking well. Keepers spending extra time with her and adding extra enrichment items to exhibit. No negative behaviors or downside to loss of her exhibit mate has truly been noted.

Report Start Date
1/1/1900

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Report End Date
8/18/2007



<u>Date</u>	<u>Sex</u>	<u>Comments</u>
24 Nov 1981	Female	

<u>Date</u>	<u>Rearing</u>	<u>Comments</u>
24 Nov 1981	Unknown	