

Medical History Report - Summary for Individual Specimen
TOPEKA ZOOLOGICAL PARK

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ELEPHAS MAXIMUS (no subsp)
Asiatic elephant
Name: SUNDA
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Sex: Female
Age: 46Y Est.

Acc. #: 19766A
Birth: 16.Jul.1962
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.....2007....

- 1.Apr Keeper report: Hydrotherapy this PM on her left temporal gland. No purulent material present. Some skin around opening is starting to slough off. DMO/MS (PDJ)
2.Apr Keeper report: Footwork done on hind right. DMO (PDJ) Temporal gland area normal size, no active drainage. Last day of hydrotherapy today. (SYL)
4.Apr Parasitology examination: (ROUTINE EXAMINATION) Fecal sample. NO PARASITES SEEN
Keeper report: Left temporal-still sloughing small amounts of skin. Able to expres small amount of purulent material during bath. DMO/HK (PDJ)
Temporal gland area normal size, no active drainage. Reported that small amount of necrotic tissue sloughing off at the opening after cleaning. (SYL)
5.Apr Keeper report: Left temporal gland looks a little swollen today. DMO (PDJ)
Temporal gland area normal size, no active drainage. Resolved. (SYL)
6.Apr Reported that there was mild swelling at the temporal gland opening yesterday. No swelling noted today compared to initial presentation. (SYL)
8.Apr Keeper report: Hosed left temporal region during bath. Attempted to express it; but no purulent material was expressed. Small amount mixed with sloughed skin, hay and pine shavings on the surface. DMO (PDJ)
9.Apr Reported that some mild swelling persists. Start hydrotherapy and massage area to express any exudate. (SYL)
10.Apr Keeper report: Left temporal gland-hydrotherapy and massage. Purulent material on the surface, but unable to express any from the gland. DMO/HK (PDJ)
No obvious swelling of temporal gland area. No active drainage. Will receive treatment later today. (SYL)
11.Apr Keeper report: Left temporal gland-hydrotherapy & message. Unable to express any purulent material, but removed a small amount that was packed on the surface with shavings. Has several small flaps of skin around the gland that look like they will be sloughed soon. DMO/HK (PDJ)
Temporal gland area not swollen, no active drainage. (SYL)
12.Apr Temporal gland area not swollen, no active drainage. (SYL)
13.Apr Temporal gland area not swollen, no active drainage. (SYL)
15.Apr Keeper report: Footwork on front left. DMO/MS (PDJ)
16.Apr Keeper report: Left temporal gland hosed & cleaned off. Massaged area. Unable to express any purulent material, but cleaned away

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- 16.Apr some from the surface. continues to slough small amount of skin from the area. DMO/MS (PDJ)
Small opening still evident at temporal gland. No active drainage. (SYL)
- 17.Apr Small opening still evident at temporal gland. No active drainage. (SYL)
- 17.Apr (SYL)
- 19.Apr Keeper report: Filed and trimmed all cuticles on all 4 feet. DMO/DS
- 19.Apr (PDJ)
- 22.Apr Keeper report: DS found a nozzle thread protector embedded 1/16 of an inch into a nail on hind left foot. Unsure where or how she got a hold of it. Able to remove-will trim area tomorrow. DMO/MS (PDJ)
- 23.Apr Keeper report: Area of hind left noted yesterday. Trimmed out the area. No visible issues. DMO/MS (PDJ)
- 24.Apr Keeper report: Vet inspected all 4 feet as well as area on hind left that was noted on 22 April 07. DMO/HK (PDJ)
Checked all 4 feet. Left hind foot had an impression/outline of the nozzle thread protector on the medial toe (toe 4 according to keeper chart) found 2 days ago. No complications. Other feet within normal limits. (SYL)
- 28.Apr Keeper report: While doing a TB training session this PM, she grabbed the plastic bag out of my hands. I couldn't get it back from her and she ended up eating it. Notified vet. Will monitor. MS/DS (PDJ).
- 29.Apr Keeper report: Footwork done on front right. DMO/MS (PDJ)
Yesterday, during training for TB trunk wash, she grabbed the ziplock bag and would not return to keeper. She then ate it. The little plastic piece to zip the bag was found in feces this morning but no plastic bag yet. Otherwise she was doing well. (SYL)
- 30.Apr Keeper report: Did not see any pieces of the bag in her fecal today. Defecating and eating normally. DMO/CB (PDJ)
- 2.May Never found any pieces of the plastic bag. Normal behaviour and attitude otherwise. (SYL)
- 16.May Keeper report: Found a small (about the size of a quarter) piece of tooth in stall this AM. Unsure who it came from-there is no dental pattern on the piece. Believe it to be from a bottom tooth-Didn't see any place in either's mouth where it came from a top molar. DMO/HK (PDJ)
- 20.May Keeper report: Footwork done on front left. DMO/GS (PDJ)
- 27.May Keeper report: Footwork done on front left. DMO/MS (PDJ)
- 31.May Keeper report: Blood draw training from right ear. DMO/MS (PDJ)
- 4.Jun First of three trunk washes planned for this week performed for TB testing. Samples collected without complications. (SYL)

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- 6.Jun Keeper report: 2nd TB trunkwash done. DMO (PDJ)
Second trunk wash obtained today without complications. (SYL)
- 7.Jun Keeper report: Third TB trunkwash done this AM. DMO/MS (PDJ)
Third and final TB trunk wash collected without complications. To
be submitted to NVSL next week. (SYL)
- 11.Jun Trunk wash samples shipped to NVSL today. (SYL)
- 17.Jun Keeper report: Footwork done on front right. Left temporal
gland-has small amount of peeling skin around it. DMO/MS (PDJ)
- 18.Jun Keeper report: Footwork done on hind right. DMO/MS (PDJ)
- 19.Jun Keeper report: Minor footwork done on all 4 feet. DMO/HK (PDJ)
- 24.Jun Keeper report: Found a rubber ball (about 2" around) in their fecal
this AM. Not sure which elephant it came out of. Both acting
normal this AM. Will monitor. MS (PDJ)
- 25.Jun Keeper report: Found the temporary hotwire & wooden post on the
ground this AM. The wooden post was split & drug halfway across the
yard. It didn't look like the elephants had ingested any part of
the post or hotwire. Both acting normal today. The main hotwire
fence is still in tact, so both were contained. Curator (MM)
removed entire temp. fence, will not be replaced. MS (PDJ)
Reported that yesterday a 2 inch rubber ball was present intact in
the feces, either hers or cagemate's. No complications. (SYL)
- 27.Jun Keeper report: Small (hand size) area on left front side of
trunk-looked like she had been rubbing it on the wall-a little "raw"
looking vet notified and treated. Will monitor. HK/CW (PDJ)
5-cm minor abrasion near base of trunk from rubbing. Cleaned with
nolvasan solution, then sprayed with nitrofurazone. (SYL)
- 5.Jul Keeper report: Left temporal gland has been purulent the last
couple of days. Yesterday when hosing her, the area seemed
sensitive. Looked at today-pore opening is very small. She allowed
me to massage the area. Able to express some purulent material
(small amount). No smell or odd color noted to the material. Found
a couple of pieces of caution tape in elephant dung. The dung was
broken up & buried so unsure which elephant consumed the plastic.
Both are acting normal. DMO (PDJ)
- 6.Jul Keeper report: In PM found a tush in the stall. Unsure which side
it is from. Will check in the AM tomorrow. There was no blood on
the tush. Sunda was acting and eating normally throughout the day.
Had not seen her messing with either sulcus. DMO/BD (PDJ)
- 7.Jul Keeper report: Was able to feel both tushes. It was the right one
that she shed. Can feel the jagged end of the break. No odor
apparent. She did not appear to be sensitive to my touching of the
area. She continues to eat and act normally. HK/DMO (PDJ)
- 8.Jul Staff found a 6-cm long tush in indoor exhibit on 6 July.

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- 8.Jul Determined to be her right one. She did not appear to be painful, the area was not swollen, and no evidence of an infection. Half of the edge on the tush was jagged. May need filing. Curator will check tomorrow (unsafe for vet to palpate at this point). (SYL)
- 9.Jul Keeper report: Inspected right tush yesterday. No odor, no blood and no apparent sensitivity. Spoke with vet. she looked at shed tush and recommended we monitor it. Today felt like I had to reach in a little farther before touching the break. No change other than that. Has a quarter sized abrasion on hind right foot just above nail #2. Was very sensitive and didn't want us touching it. Vet notified & will look at tomorrow. DMO/FM (PDJ)
Normal behaviour and attitude. No evidence of discomfort or swelling. Keeper reported that she is able to put her hand further in sulcus so more tush may have broken off but still no suggestion of infection. During bath, keeper noticed a small wound on right rear foot proximal to cuticle. Sunda appeared to be tender in the area. Recheck tomorrow. (SYL)
- 10.Jul Keeper report: Vet inspected all 4 feet. Looked at area on hind right noted yesterday. The area is still sensitive to the touch but she did allow me closer to the foot today. Continues to put full weight on the foot and use it normally. Vet wants us to soak the foot with Epsom salt for at least 15 mins for the next 3 days. Tush area - no issues noted when inspected this AM (noted location on foot incorrectly hind right between nails 3&4). DMO/HK (PDJ)
Right sulcus of tush area showed no change. Right rear foot between toe 2 and 3 has a 2-cm shallow devit that she was somewhat tender to touch but permitted staff to palpate unlike yesterday. Area appeared slightly swollen, no open drainage. She was not limping. Started on foot soak with Epsom salt (magnesium sulfate) 2 cups/gal water sid for 30 min x 3d. Continue to monitor. Left temporal gland had a small visible opening but not swollen or draining. Routine check on all feet, continue to maintain with foot trims. (SYL)
- 11.Jul Purpose/Problem: Right rear foot interdigital swelling
Rx: EPSOM SALT topically SID for 3 days.
Keeper report: Soaked foot with epsom salt for 20 mins this AM. She let me touch the area some while it was soaking. Area is still sensitive, but she allowed me to touch more than yesterday. DMO/BD (PDJ)
No change in sulcus area. No change in foot lesion. Stood in foot soak for 20 minutes this morning. (For practical purpose, salt ratio is closer to 3 cups to 7 gallons of water.)
Rx: EPSOM SALT topically SID for 3 days. (SYL)
- 12.Jul Keeper report: Footsoak for hind right in Epsom salt this AM. She

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- 12.Jul sat for 20mins. Foot does not appear sensitive today. She allowed us to touch & feel all around the abrasion today. Right tush-same as before. The abrasion on Sunda's trunk is healed nicely. There is some dry skin on it, but looks good. DMO/MS (PDJ)
No change in sulcus area. Right rear foot is not especially sensitive to touch compared to previously. Foot soaked for 20 minutes. (SYL)
- 13.Jul Keeper report: Last soaking treatment done this AM. Soaked for about 20mins. She seems fine when the abrasion is manipulated, and she is fine when we touch her toe. Per vet-soaking treatment can be discontinued. MS/DS (PDJ)
Reported that her foot was not sensitive to touch, normal behaviour and attitude. Foot was soaked. Ok to discontinue foot soaks. (SYL)
- 14.Jul Keeper report: Saw her laying down several times this AM (inside stall). I called her name, she would get up, then lay right back down. After - 11:00AM she was up and walking around the rest of day. She is eating and deficating. Will monitor. MS/HK (PDJ)
- 15.Jul Keeper report: Both hind right & right sulcus continue to appear normal. Neither showed any sensitivity while I was feeling them today. Did not see her lay down at all today. Was eating normally-aside from eating her grain slowly, which she does periodically. DMO (PDJ)
Doing well, no abnormality noted on the right sulcus and the right rear foot lesion. (SYL)
- 16.Jul Keeper report: 1st TB test done this AM. Going to discontinue noting inspection of right tush, unless something changes with it. DMO/MS (PDJ)
TB trunk wash series to be repeated this week as previous samples were discounted. (They were combined and submitted as one composite sample.) First day of trunk wash collected without complications. (SYL)
- 17.Jul Keeper report: 2nd TB trunkwash done this AM. DMO/MS (PDJ)
Performed 2nd TB trunk wash without complications. (SYL)
- 19.Jul Keeper report: 3rd TB trunkwash done this AM. DMO/MS (PDJ)
Performed 3rd and final TB trunk wash without complications. Samples to be shipped out next week. (SYL)
- 22.Jul Keeper report: Footwork done on front right. DMO/MS (PDJ)
R sulcus/tush area no complications although she did pack some dirt in the area. Right rear foot abrasion healed. (SYL)
- 23.Jul Trunk wash samples shipped out to NVSL. (SYL)
- 26.Aug Keeper report: Noticed she was acting a little off in PM. She was not very interested in food. She was exhibiting a lot of signs like she was cycling (milky urine, draining from both temporal glands).

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- 26.Aug Vet notified, as well as curator, director & animal care manager. Will monitor. DMO/MS (PDC)
Approximately 4:15 pm, vet received call that she had not eaten since after 12 noon, was currently outdoors, refusing to come inside, "squeaking" often and sometimes "purring". Upon vet's arrival, she had come inside, still not interested in food and only a small interest in water. She would lift her tongue towards the hard palate, sometimes mouth hanging open, her trunk was often hanging straight down but she was able to use it normally. Her eyes appeared mildly hyperemic (reddish). Keepers had palpated both her tush sulci and did not find anything significant. Both her temporal glands had been draining for the last few days. She also had cloudy urine. Conspecific was highly interested in her perineal region. Feces normal. No other visible abnormality. Possibility that she may be in estrous. However, no staff had observed this in the last 15 or so years. Plan was to keep her indoors, and staff to check on her at 10 pm. At 10 pm report: she was standing, ate some watermelon and alfalfa. (SYL)
- 27.Aug Keeper report: Still acting a little off, but appetite has increased. Still draining from both temporal glands & Tembo continues to show interest in her genital area. Continues the submissive squeaking around Tembo. Vet notified of appetite increase. Will continue to monitor. DMO/MS (PDC)
Much more alert and responsive than yesterday, trunk moving about, ears flapping, appetite still poor, normal feces, staff observed her drinking. Staff giving her a bath this morning. For the rest of the day, she did eat alfalfa each time it was offered to her. Also continues to drain from both temporal glands. Due to construction, she was kept indoors with herdmate during the day so for tonight, she will have access outdoors. Staff will check on her tonight.
8:30 pm report: was indoors with outdoor access, standing, alert, took a few pieces of watermelon. (SYL)
- 28.Aug Keeper report: Appetite appears normal today. Continues to drain from both temporal glands. DMO/FM (PDC)
Still somewhat subdued, temporal glands draining, normal feces, eating but appetite still not normal. Later in the day, reported that she was almost back to her normal self. (SYL)
- 29.Aug BAR, normal appetite and feces, essentially back to being herself, both temporal glands draining. (SYL)
- 30.Aug BAR, normal appetite and behaviour, both temporal glands still draining. (SYL)

- 2.Sep BAR, in outdoor exhibit. Resolved. (SYL)
- 4.Sep BAR. (SYL)

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- 5.Sep BAR. (SYL)
- 16.Sep Keeper report: Footwork done on front right. DMO/MS (PDC)
- 24.Sep Keeper report: Small scrape on top right side of her trunk. Also noticed a small cut directly below the scrape. Both looked superficial. DMO/BD (PDC)
Trunk wash TB culture (3): no isolation made. (SYL)

- 5.Oct Parasitology examination: (ROUTINE EXAMINATION) Fecal sample.
NO PARASITES SEEN

- 6.Oct Weight: 4113 Kg (9065 Lb)
- 15.Oct Keeper report: Found an extremely long piece of hydrolic line in their exhibit (inside) this AM. Removed it right away, but both elephants had hydrolic fluid on their faces & bodies. Both elephants are eating normally, their fecal looks fine & both are acting normally. Maintenance was called to repair hydrolic line. Vet was informed of incident. Will monitor both elephants. Both elephants locked in overnight for the completion of the hydrolic lines. MS (PDC)
Found hydraulic door cord ripped by herdmate Tembo with some hydraulic fluid on her and on the ground. No abnormality noted during the day. (SYL)
- 16.Oct No complications from yesterday's event. (SYL)
- 27.Oct Keeper report: Found her playing w/ a piece of rebar this AM in the yard. She brought it to me after about 10mins of calling her to me. She dropped it and DS grabbed it. She is fine. MS/GS (PDC)
- 29.Oct Keeper report: Found some caution tape (@ 6" long) in her fecal this AM. Footwork done on FL & FR. DMO/MS (PDC)
- 30.Oct Keeper report: Footwork done FR. Footsoak for FR with epsomsalt for 15min. Vet looked at spot where Sunda was messing with rebar on FR. Will continue to monitor. DMO/HK (PDC)
Late yesterday afternoon reported that she had a wound on the palmer aspect of the right fore foot where keeper was able to insert her finger tip. Wound was suspected to be sustained from last week when she got hold of a piece of rebar. Wound was about 0.5-cm deep in mid-sole, partially packed with dirt. Wound was hosed with water, then footwork was done. No active drainage. She was slightly tender to touch. Soaked in epsom salt for 15 minutes. Recheck daily, and continue footwork as needed. No further soaks indicated at this point. (SYL)

- 1.Nov No complications reported from wound on right fore foot. (SYL)
- 4.Nov Keeper report: Footwork done on FR. DMO/MS (PDC)
No complications reported from wound on right fore foot. (SYL)
- 5.Nov Keeper report: During footwork yesterday, washed the area on front

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- 5.Nov right previously noted on 10/30/07. Area is still sensitive to the touch. Walking normally. Doesn't appear to bother her normally. Will continue to monitor. DMO/MS (PDC)
- 7.Nov Reported that foot wound is clean and dry, still sensitive when prodded, completely weight-bearing. Footwork will be repeated in a few days. (SYL)
- 11.Nov Keeper report: Footwork done on FL & HR. MS/DS/DMO (PDC)
Footwork to be performed later today. Minor abrasions on right temporal region and on trunk. (SYL)
- 12.Nov Keeper report: Footwork done on HL & FR. Vet looked at area on FR where she damaged with rebar. Area doesn't appear as sensitive. Trimmed some of the flap open & flushed remainder with H2O. Will continue with this treatment. Vet also inspected other 3 feet. DMO/MS (PDC)
A little pebble was embedded in the foot wound 2 days ago that was digitally removed. Footwork performed yesterday. Today, right fore foot is less tender when palpated. No active drainage. Staff plans to enlarge the wound opening by curving out some tissue to allow further healing. Inspected other feet - no area of particular concern. (SYL)
- 14.Nov Keeper report: found the L tush in a stall this AM. All else appears normal. DMO/BD (PDC)
A 6-cm piece of her left tush was found in the stall. Otherwise there did not appear to be any complications. (SYL)
- 15.Nov Keeper report: Felt inside of L sulcus. Area didn't appear sensitive to the touch. No foul odor detected. Didn't appear to have cut inside of sulcus. Will continue to monitor. DMO/MS (PDC)
- 16.Nov Nothing abnormal reported. Animal not bothered by it. (SYL)
- 19.Nov Keeper report: found a piece of plastic from a barrel in her feces this AM. Piece was about 2 1/2 in. long, about 1/2 in. wide. Not sure if she chewed it off teh barrel or she just picked it up and ate it. She is acting normal. DMO/MS (PDC)
No abnormal report on left sulcus where tush fell off. (SYL)
- 21.Nov BAR. PC (PDC)
- 22.Nov Doing well. (SYL)
- 26.Nov Doing well, no complications with the left sulcus area. Consider resolved. (SYL)

- 4.Dec Keeper report: footwork on FR. DMO/HK (PDC)
- 10.Dec Keeper report: Footwork done on HR & HL. DMO/MS (PDC)
- 23.Dec Keeper report: Footwork done on FL. She has caused some damage to this foot ~ most likely from swaying and being in the ERD. There was some abnormal wear on the top outside area and then a hole between nails #3 & #4. Applied Koppertox with a syringe to the

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- 23.Dec area. Appears sensitive to the touch. DMO/MS (PDC)
- 24.Dec Keeper report: Applied Koppertox to Sunda's FL foot between nails. DMO/MS (PDC)
- 26.Dec Keeper report: FL spot between nails 3 & 4 still soft, but doesn't appear as tender when I touched it. Will continue to monitor and trim and area down. Have not found any of the waterer cap in either of their feces. Both are eating & defecating normally. DMO (PDC)
- 27.Dec Keeper report: Vet looked at FL foot ~ area between nails 3 & 4. Area still a little tender, but not as much. Continue to monitor. DMO/MS (PDC)
A 1x1-cm wound present on the left fore foot palmer aspect between the 3rd and 4th nail, suspected from rubbing on the platform scale in the ERD which has raised hinges. Wound was clean and dry. She did not appear to be sensitive today when wound was digitally palpated. Staff treating the wound daily by hosing with water and applying kopertox. (SYL)
- 28.Dec Keeper report: Footwork done on HL & HR. MS/DS (PDC)
No change. (SYL)
- 30.Dec Keeper report: footwork done on FR. Koppertox applied to spot on FL. Area is still sensitive to the touch. Will continue to monitor. DMO/MS (PDC)
- 31.Dec Keeper report: Soaked her FL foot in epsom salts for 20 mins this pm. Will be doing this until further notice per vet. DMO/MS (PDC)
Yesterday, staff trimmed around the lesion on the left front foot, still sensitive to touch, applied Kopertox. Plan to start Epsom salt soaks today. (SYL)

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- 2.Jan Keeper report: soaked FL foot in epsom salt for 20mins. Area was much less sensitive after soak. DMO (PDC)
Continue with foot soak today. (SYL)
- 6.Jan Keeper report: found a large scrape underneath her right eye this am. found a small amount of blood on the south door, but it doesn't appear to have been the site of the scrape. Unsure what happened. The underside of her eye is swollen. Vet looked at. Can hose off gently to clean. Monitor it. Footwork done on FL. Koppertox applied. DMO/MS (PDC)
Abrasion on the lower orbital rim, most likely from rubbing against the cage bars, surrounding area is swollen. Staff will hose area down with water as hydrotherapy. (SYL)
- 7.Jan Keeper report: honey applied to L temporal gland. R eye not as swollen today. Applied koppertox to FL ~ soft spot. Bath. Curator inspected FL foot. DMO/MS (PDC)

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- 7.Jan Reported that lesion on left fore foot was less tender, cleaned and applied kopertox. (Vet was unable to be present due to another animal emergency.) (SYL)
- 8.Jan Keeper report: Koppertox applied to FL foot. Honey applied to L temporal gland. HK/BD/DMO (PDC)
- 9.Jan Keeper report: R eye appears to be healing. Swelling continues to go down. Honey applied to L temporal gland. Koppertox applied to FL foot. DMO/BD (PDC)
- 10.Jan Keeper report: Koppertox applied to FL foot this am. Also, honey applied to L temporal gland. R eye is still looking better. DMO/MS (PDC)
- 11.Jan Keeper report: Koppertox applied to FL foot. Honey applied to L temporal gland. HK/GS/MS (PDC)
- 12.Jan Keeper report: Applied honey to L temporal gland and Koppertox to FL pad. MS/GS (PDC)
- 13.Jan Keeper report: honey treatment to L temporal. Koppertox to FL. Footwork done on HR. DMO/MS (PDC)
Reported that foot lesion is less sensitive, eye lesion healing well. (SYL)
- 14.Jan Keeper report: blood draw training on R ear. Buccal swab taken for genetic study. Koppertox applied to FL pad. Honey applied to L temporal gland. DMO/MS (PDC)
Right lower eyelid abrasion almost completely healed. Left fore foot lesion negligible sensitivity when palpated, clean and dry. The pad is growing out which staff is maintaining. Two shallow openings are being treated with Kopertox as a preventative. (SYL)
- 15.Jan Keeper report: Honey treatment to L temporal. Koppertox to FL foot. Area is continuing to stiffen up. DMO/HK (PDC)
Buccal swab obtained yesterday by keeper and submitted today to Virginia Pearson, Philadelphia, for AZA approved "Genetic defense against disease in captive and wild elephants" study. (SYL)
- 16.Jan Keeper report: honey applied to L temporal gland. When expressing it ~ only able to get clear temporal fluid out. Koppertox applied to FL. DMO/BD (PDC)
- 17.Jan Keeper report: applied honey to L temporal, and koppertox to FL pad. DMO/MS (PDC)
Left temporal gland is not distinctly swollen. Staff has been infusing honey. Right eyelid/periorbital region healed. (SYL)
- 18.Jan Keeper report: Honey applied to L temporal, Koppertox applied to FL pad. The spot resembles the rest of the foot. MS/DS/GS (PDC)
- 19.Jan Keeper report: Honey treatment applied to L temporal area. Koppertox applied to FL pad. DS/HK (PDC)
- 20.Jan Keeper report: Koppertox to FL. Honey applied to L temporal. DMO/MS (PDC)

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- 21.Jan Keeper report: Honey treatment to L temporal. Koppertox applied to FL pad. Footwork done on FR & HL. MS/DMO (PDC)
- 22.Jan Keeper report: Honey applied to L temporal, Koppertox applied to FL pad. HR leg seemed a little stiff this afternoon during training session. She is a little shy about bending it at the knee area. Its not keeping her from moving around entire barn on her own. DMO/MS (PDC)
- 23.Jan Keeper report: Honey applied to L temporal, Koppertox applied to FL pad. Walking normally on her HR leg today. Will continue to montior. DMO/MS (PDC)
- 24.Jan Keeper report: Honey applied to L temporal. Koppertox to FL. Doesn't appear to have any further stiffness in the HR leg. DMO/DS (PDC)
- 25.Jan Keeper report: Koppertox applied to FL footpad. Honey treatment applied to L temporal. DS/GS (PDC)
- 26.Jan Keeper report: small abrasion under R eye (same spot as before just smaller) pink in appearance not moist. Small abrasion (dime size) on middle L on trunk. Will monitor both. Koppertox applied to FL and honey treatment to L temporal. DS/HK (PDC)
- 27.Jan Keeper report: Koppertox applied to FL foot. Honey applied to L temporal gland. DMO (PDC)
- 28.Jan Keeper report: abrasions noted on 26 Jan 08 appear to be healing well. Honey applied to L temporal gland. Began trimming out area on FL Koppertox applied. DMO (PDC)
- 29.Jan Keeper report: honey applied to L temporal gland. Koppertox to FL & HR nail cracks. DMO/HK (PDC)
- 30.Jan Keeper report: honey to L temporal gland. Koppertox to FL. DMO/FM (PDC)
- 30.Jan (PDC)
- 1.Feb Keeper report: honey treatment with her temporal went great. FM/GS (PDC)
- 1.Feb Abrasions on head and trunk are minor ad healing well. No complications with left temporal gland. (SYL)
- 3.Feb Keeper report: Honey applied to L temporal. Koppertox to FL. DMO/HK (PDC)
- 4.Feb Keeper report: Abrasion under R eye-previous wound-re-opened while outside today. Hosed off well. Honey treatment L temporal gland-Koppertox applied FL. HK/FM/MM (PDC)
- 5.Feb Keeper report: spot under R eye appears dry today. HK/NJM (PDC)
- 8.Feb Keeper report: Koppertox applied to FL pad. Honey treatment applied to L temporal. DS/MM/Riley (PDC)
- 12.Feb Keeper report: Koppertox to FL foot. Honey to L temporal gland. HK/NJM/DMO (PDC)
- 15.Feb Keeper report: Honey treatment to L temporal. Koppertox applied to

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Asiatic elephant                     Age: 46Y Est.        Birth: 16.Jul.1962
Name: SUNDA
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- 15.Feb FL pad. DS/GS/RG (PDC)
- 18.Feb Keeper report: filed on nails of all 4 feet. Has a soft tender spot on FR foot. Will monitor. Honey applied to L temporal gland. Got both normal temporal fluid as well as a small amt. of purulent material out of it. DMO/HK (PDC)
Reported that honey applications to left temporal gland continues. Has seen normal temporal gland secretions and minimal purulent discharge. (SYL)
- 19.Feb Keeper report: footwork done on FR & FL. DMO/HK/NJM/KD (PDC)
- 25.Feb Keeper report: honey applied to L temporal gland. DMO/HK (PDC)
- 26.Feb Keeper report: filed HR/HL center nails. DMO (PDC)

- 11.Mar Keeper report: R temporal gland appears dry. A piece w/skin flaked off from the area. Area underneath did not appear raw. DMO/HK (PDC)
- 18.Mar Keeper report: footwork done on HR/HL. Honey applied to L temporal. Found dime sized piece of tooth in stall. Unsure from which elephant. (found yesterday). HK/DMO/WG/KD (PDC)
- 23.Mar Keeper report: weighed this am. HR trimmed off a large hangnail. Vet inspected as area was somewhat tender. Soaked with epsom salt for 20mins. Vet inspected other 3 feet as well. Started a new grain mixed with existing grain. DMO/HK/WG/KD (PDC)
Right rear foot medial toe cuticle area had a chunk of nail crack off with an overgrown flap of skin but wound was superficial. She did not appear overly sensitive when palpated in that area. Soak with Epsom salt for at least 30 minutes today. Inspected other feet: left fore foot previous wound on pad is closing in, stable condition; right fore foot medial toe pad area has a small devit but stable; left rear foot within normal limits. (SYL)
Weight: 4106 Kg (9050 Lb)
- 24.Mar Keeper report: honey applied to L temporal gland. Curator looked at cuticle noted yesterday. Today it is very dry. Applied corona to help soften it. Continue at least daily until further notice. DMO/HK/WG (PDC)

- 6.Apr Keeper report: Applied corona to dry cuticle on HR foot. DMO/MS (PDC)
- 6.Apr (PDC)
- 7.Apr Keeper report: corona applied to inside of hind feet. Hooflex applied to center nails on hind feet. DMO/MS/WG (PDC)
- 8.Apr Keeper Report: footwork done on FL cuticles trimmed on FR & FL. Cuticle trimmed on digit #1 od HR & Hooflex applied. MS/GS/HK/DMO (PDC)
- 12.Apr Parasitology examination: (ROUTINE EXAMINATION) Fecal sample. NO PARASITES SEEN

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- 13.Apr Keeper report: Found 2 small cuts on her tail, about 3/4 way down the tail. Neither look very deep & neither was bleeding. Will monitor. DMO/MS/KD (PDC)
- 15.Apr Keeper report: Footwork done on FR, HL & HR. DMO/MS/NJM/KD (PDC)
- 25.Apr Keeper report: All the grain left in stall 3 overnight was untouched. She seems to show no interest in it. Will continue to monitor. HK/GS/WG (PDC)
- 26.Apr Keeper report: left ~80% of her grain from yesterday (4/25). HK/GS/KD/WG (PDC)
- 27.Apr Keeper report: Ate ~75% of her PM grain from yesterday 4/26. Was not interested in AM grain today-ate none: She is eating hay normally. Mixed PM grain with drink mix & softened ~ she still had no interest in it. MS/DMO (SYL)
- 28.Apr Since the gradual switch over from HMS elephant chow to Mazuri wild herbivore about a month ago, she has been consuming decreasing amounts of the new grain. When offered smaller version grain, she eats it without difficulty. She has no difficulty eating her other food items. Her feces have been normal. Plan to offer her the smaller grain with a few of the larger grain added.
Keeper report: Ate no grain again this AM. Still eating hay normally. Ate some hippo grain from our hands, and ate produce too. Ate no grain in PM either. Spoke with vet ~will try the smaller pellet size tomorrow. DMO/MS/WG (SYL)
- 30.Apr Keeper report: Sunda hit Tembo several times this AM on two separate occurances. Both incidents she hit Tembo hard enough to slide her several feet. A short while later, noticed Tembo acting stiff on FL leg. Appears to be in the wrist area. Area doesn't appear swollen nor sensitive to touch. HR digit #1. Horizontal crack along front of nail found to extend thru nail to divit on underside. Opened up both. Vet & curator both inspected. Will flush daily with nolvasan and continue to open both slowly. Will apply hooflex daily as well to prevent further cracking. HK/DMO/MS (PDC)
Right hind foot digit 1 lesion at cuticle has closed but a new nail crack is present at mid-level with a continuous tract to the base of the nail. The opening ends on the nail and base were enlarged. No evidence of infection. Staff will irrigate the wound with nolvasan at the nail opening once daily, and trim the wound as indicated. She did not appear to be sensitive when touched and no lameness evident. (SYL)
- 1.May Keeper report: have been trying to get her to eat the smaller pellet grain for the past few days. She is not interested in it. Is eating everything else normally. Flushed digit #1 of HR foot with

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- 1.May Nolvasan. Area still doesn't appear overly sensitive. No apparant odor either. DMO/HK/MS (PDC)
No new development, area not tender, no lameness. Still not interested in the new grain, cube or pellet. Ordered the Mazuri Elephant supplement 5666, arrival date in 2 weeks. Previously on this diet before switch to HMS. (SYL)
2.May Keeper report: flushed digit #1 of HR foot with nolvasan. Did not appear to be sensitive. No apparent odor. Applied hooflex to HR HL center nail as well. HK/GS (PDC)
3.May Keeper report: Nolvasan flush to HR digit #1-hooflex applied to #1 and center nail on HR0hooflex applied to center nail on HL. HK/WG/KD (PDC)
4.May Keeper report: filed some off of digit #1 from HR. The area is now an open channel. Flushed area with nolvasan. Hooflex applied to nail. No apparent odor & area still doesn't appear sensitive to touch. MS/DMO/KD (PDC)
5.May Nail lesion on right hind foot digit 1 is now exposed and forms a tract tot the base. No overt sensitivity or lameness observed. (SYL)
7.May Keeper report: flushed HR digit #1 with nolvasan-applied hooflex to same and center (HR). Applied hooflex to center nail HL. Corona to HL, HR heels. DMO/MS/HK (PDC)
8.May Keeper report: Flushed HR digit #1 with nolvasan-applied wonderdust to #1 hooflex applied to HR #1/center nail-corona applied to HR/HL heel areas. HK/DMO/MS (PDC)
9.May Keeper report: flushed HR digit #1 with nolvasan-applied wonderdust to same. Hooflex applied to #1 and center nail. Corona applied to heel area. HK/GS/PC (PDC)
10.May Keeper report: flushed HR digit #1 with nolvasan. Applied wonderdust to #1 as well. Hooflex applied to HR digit #1 and center nail. Corona applied to HR/HL heel areas. HK/KD/PC (PDC)
11.May Keeper report: flushed digit #1 of HR. Wonderdust & hooflex to the nail. Filed area open some more. DMO/MS/KD (PDC)
12.May Keeper report: flushed HR #1. Another crack is starting higher up near the cuticl. Will file some more on nail tomorrow. Hooflex applied to #1 & #2 as well. MS/DMO (PDC)
13.May Keeper report: Footwork done on HL, HR & FL. HR digit #1 was flushed and hofflex applied. HK/MS/KD/DMO (PDC)
14.May Keeper report: footwork done on FR. Digit #1 on HR-opened up nail. Both cracks are connected. Finished with nolvasan wonderdust & hooflex. Vet inspected all 4 feet. HK/DMO/MS (PDC)
Right hind foot digit 1: nail has been opened to form a passage between opening in the nail and the bottom of the nail, area is

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- 14.May clean, no evidence of foul odour, staff continues to flush the area with nolvasan followed by application of Wonderdust; a new shallow 2-cm linear opening has formed along the cuticle superior to the present wound, did not appear to be of any consequence. Examined other feet, no new development, staff maintaining feet with regular trims and footwork. Hooflex is generally applied to all nail cracks. (SYL)
- 15.May Keeper report: footwork done on FL. Trimmed cracked area on digit #1 HR some more. Flushed with nolvasan. Wonderdust applied to the crack. Hooflex applied to face of nail. MS/DMO (PDC)
- 17.May Keeper report: Flushed digit #1 on HR, wonderdusted the area & applied hooflex. MS (PDC)
- 18.May Keeper report: footwork done on FL, HR & HL feet. Opened up crack on digit #1 of HR some more. Flushed with nolvasan, wonderdust to the area & hooflex to the nail face. MS/DMO/KD (PDC)
- 19.May Keeper report: hosed HR #1, flushed with nolvasan, wonderdust & hooflex to the nail. DMO/MS (PDC)
- 20.May Keeper report: sprayed digit #1 of HR with nolvasan. Hooflex to entire nail. Curator inspected nail. DMO/KD (PDC)
Offered her Mazuri Elephant Supplement grain #5666 which arrived today. Consumed 10 lbs well. (SYL)
- 21.May Ate all her grain from yesterday and this morning. Afternoon grain not yet fed. (SYL)
- 22.May Keeper report: HR #1 treated with nolvasan & hooflex today & yesterday. DMO/MS/HK (PDC)
- 24.May Keeper report: HR #1 treated with nolvasan, wonderdust & hooflex. Filed more on the area. DMO/KD (PDC)
- 25.May Keeper report: HR #1 treated with nolvasan & hooflex. DMO/KD (PDC)
- 26.May Keeper report: HR #1 treated with nolvasan. Filed area open some more. Wonderdust applied to the area as well as hooflex. DMO/KD/WG (PDC)
- 27.May Has been eating the new Mazuri Elephant grain well. (SYL)
- 28.May Keeper Report: HR1, applied nolvasan, wonderdust and hooflex. DMO/WG
- 28.May (AAG)
- 29.May Keeper Report: HR 1 treated w/ nolvasan, wonderdust and hooflex. DMO/KD (AAG)
- 30.May Keeper Report: Treated HR#1, flushed, wonderdusted, and hooflexed. HK (AAG)
- 31.May Keeper Report: Flushed HR nail 1 with nolvasan, then applied wonderdust and hooflex. HK/KD (AAG)

- 1.Jun Keeper report: HR #1 flushed, wonderdusted, hooflexed, and filed and trimmed. DMO/MS (AAG)
- 2.Jun Keeper report: HR #1, flushed, wonderdusted, and hooflexed. DMO/MS
- 2.Jun (AAG)

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- 3.Jun Keeper Report: HR #1 nolvasan, wonderdust, and huflex applied.
DMO/MS/HK (AAG)
- 4.Jun Keeper report: HR nail #1 flushed with nolvasan-applied wonderdust
and hooflex. HK/DMO (AAG)
- 7.Jun Keeper Report: HR nail 1 flushed with nolvasan, applied wonderdust
and hooflex. Filed small amount as well. MS/HK (AAG)
- 8.Jun Keeper Report: Trimmed small amount in HR #1. Nolvasan, wonderdust &
hooflex applied. MS/DMO/WGW (AAG)
- 9.Jun Keeper Report: HR #1- filed some. Applied Nolvasan, wonderdust &
hooflex. MS/DMO/WG (AAG)
- 10.Jun DAR: HR nail #1, flushed, small amount of trimming, then treated
with Nolvasan, wonderdust, and hooflex. HK/DMO/GS (AAG)
- 11.Jun DAR: HR #1 flushed, applied wonderdust and hooflex. We did some
blood draw training on both ears in the ERD. MS/OMO/WG (AAG)
- 12.Jun DAR: Footwork done on FR HR flushed w/ nolvasan. Applied wonderdust
and hooflex as well. HK/MS/WG (AAG)
- 13.Jun Keeper Report: Treated HR with novasan, wonderdust, and hooflex.
HK, GS, WG (AAG)
- 14.Jun Keeper Report: HR nail #1 flused and treated with
nolvasan, wonderdust, and neoflex. HK, GS (AAG)
- 15.Jun Keeper Report: HR#1-nolvasan, wonderdust, hooflex applied. DMO/WG/MS
15.Jun (AAG)
- 16.Jun Keeper Report: HR1-Nolvasan, wonderdust, hooflex applied. DMO/MS/WG
16.Jun (AAG)
- 18.Jun Keeper Report: HR#1, Nolvasan, wonderdust & hooflex applied. Acting
lethargic, disinterested in food in pm. Believe her to be cycling.
HK/CW/MS/WG (AAG)
- 19.Jun Keeper Report: HR#1 flushed, wonderdusted, hooflexed. Cuticle above
that nail has some soft tissue present. Flushed that area as well.
DMO/CW/MS/WG (AAG)
- 22.Jun Keeper Report: HR#1 cuticle area continues to split. Area is soft to
touch, but no odor adn no discharge. Slight discomfort when area is
touched. Applied Nolvasan to nail and cuticle area wonderdust and
hooflex applied to nail. MS/DMO (AAG)
- 23.Jun Keeper Report: Footwork done on FL. HR#1 treated with Nolvasan,
wonderdust, and hooflex. Curator examined progress on nail. DMO/MS
23.Jun (AAG)
- 24.Jun Keeper Report: HR#1 Applied Nolvasan, wonderdust and hooflex.
DMO/KMM/CW (SYL)
- 25.Jun Keeper Report: HR #1-Applied nolvasan, wonderdust, hooflex. Cuticle
has split open a bit more & is sensitive (slightly) to the touch.
DMO/KMM/CW/WG (AAG)
- 27.Jun Keeper Report: HR digit #1 flushed, treated with nolvasan,
wonderdust, and hooflex. HK/CW/WG (AAG)

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- 29.Jun Keeper Report: HR#1 treated w/ nolvasan, wonderdust, & hooflex. MS/WG (AAG)
- 30.Jun Keeper Report: Got ahold of a plastic/metal rake this am. looks like a few pieces of plastic were eaten, but nothing more. Both girls acting/eating normally. MS/WG (AAG)
- 1.Jul Keeper Report: HR trimmed entire pad-filed center nail crack. Treated digit #1 w/Nolvasan,wonderdust,hooflex. The currator and vet looked at toe. HK/MS/PC (AAG)
Examined right rear digit 1. The cuticle area has some exuberant tissue, able to insert finger tip a few mm's above the cuticle, no evidence of exudate, she did not appear to be overly sensitive to touch. The opening in the nail is growing in without complications. Similarly no exudate or sensitivity. Continue to treat topically and maintain trims. (SYL)
- 2.Jul Keeper Report: HR flushed and treated with Nolvasan,wonderdust and hooflex. HK/WG/AM (AAG)
- 4.Jul Keeper Report: HR flushed then treated with nolvasan,wonderdust, and hooflex. HK/WG/GS (AAG)
- 6.Jul Keeper Report: HR#1 flushed with nolvasan,wonderdusted,hooflexed. WG/MS (AAG)
- 7.Jul Keeper Report: HR#1 Flushed w/ nolvasan,wonderdusted,hooflexed. MS/WG (AAG)
- 8.Jul Keeper Report: HR#1 flushed w/ nolvasan, hooflexed and wonderdusted. Footwork done on HR and HL. MS/HK/GS (AAG)
- 9.Jul Keeper Report: HR#1 flushed w/ nolvasan, wonderdusted, and hooflexed. MS/WG/AM (AAG)
- 12.Jul Keeper Report: HR1 treated with nolvasan,wonderdust, and hooflex. HK/DMO/ (AAG)
- 13.Jul Keeper Report: HR1 applied nolvsan,wonderdust, and hooflex. DMO/WG (AAG)
- 13.Jul (AAG)
- 16.Jul Keeper Report: HR nail #1 treated with nolvasan,wonderdust,and hooflex. FR trimmed entriire pad area-filed nails. Photos taken of all 4 feet. HK/MS/WG/DMO (AAG)
- 18.Jul Keeper Report: HR nail #1 flushed and treated with nolvasan,wonderdust, and hooflex. HK/WG/AM (AAG)
- 19.Jul Keeper Report: HR#1 flushed-treated with nolvasan,wonderdust and hooflex. AM/HK (AAG)
- 20.Jul Keeper Report: Weighed today. 8660 lbs. HR#1-applied nolvasan,wonderdust, and hooflex. DMO/MS (AAG)
Weight: 3929 Kg (8660 Lb)
- 22.Jul Keeper Report: First TB trunkwash-attempted blood draw from both ears. HR #1 applied nolvasan wonderdust & hooflex. Half dollar sized scrape on center of trunk. Flushed and trated with nolvasan.

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- 22.Jul DMO/HK/GS (AAG)
First day of TB trunk wash collection. Staff will attempt blood collection for Chembio's Elephant TB Stat-Pak Assay. (SYL)
- 23.Jul Keeper Report: Second TB trunkwash. HR#1 treated with nolvasan, wonderdust, and hooflex. Small amount of trimming done on nail #1 and center HR and HL center nail. DMO/HK/WG (AAG)
Second day of TB trunk wash collection. Unsuccessful in blood collection yesterday. Will attempt again today. (SYL)
- 24.Jul Keeper Report: Took final TB tests this am. Photos taken of all 8 feet. Flushed HR#1 w/ nolvasan, wonderdusted, hooflexed. Hk/MS/WG/DMO (AAG)
Third day of TB trunk wash collection. Blood sample still not available. (SYL)
- 25.Jul DAR: HR nail #1 flushed and treated with nolvasan, wonderdust and hooflex. HK/GS/WG (KRH)
- 27.Jul DAR: HR Nail #1 flushed treated with nolvasan, hooflex, and wonderdust. DMO/HK (KRH)
- 28.Jul DAR: HR nail #1 treated with nolvasan, wonderdust, and hooflex. HK, DMO (KRH)
- 30.Jul Left temporal gland swollen to almost a foot diameter shallow area with a raised central point where the opening is. Expressed approximately 25 ml of mostly mucoid exudate. Hydrotherapy applied for 20 minutes to the region. Massaged the area, and expressed small amounts of same, then more normal gland discharge. Flushed area with dilute nolvasan. Plan: to hydrotherapy 20 min sid x 5d, massage and express gland, followed by dilute betadine flush. (SYL)
- 31.Jul Temporal gland swelling significantly reduced, at least ~50%. (SYL)
- 1.Aug Temporal gland swelling further reduced. Staff to continue hydrotherapy. (SYL)
- 3.Aug Temporal gland swelling subsided, opening has widened as the tissue has fallen/pulled off. No fresh exudate. Ok to discontinue hydrotherapy, continue to massage and express any exudate, followed by betadine flush. (SYL)
- 4.Aug No fresh exudate this morning. Continue treatment for 3 more days as long as there is no further discharge. (SYL)
- 5.Aug Temporal region swelling completely subsided. Gland opening appeared clean. No fresh exudate yesterday or today. (SYL)
- 6.Aug Reported that there was no fresh exudate. Ok to discontinue betadine flush. Continue to monitor. (SYL)
- 7.Aug DAR: Weighed 8,585 lbs. HR nail #1 flushed and treated with Nolvasan wonderdust and hooflex. Full bath. GS (MKS)
Weight: 3895 Kg (8585 Lb)
- 8.Aug DAR 7aug: footwork done on HR. Curator inspected #1. #1 applied

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- 8.Aug nolvasan, wonderdust & hooflex. L temporal slightly purulent. Have discontinued betadine as per vet. (SYL)
- 10.Aug DAR: Treated HR #1 with nolvasan, wonderdust and hooflex. (SYL)
- 11.Aug No further complications from left temporal gland. Resolved.
DAR: HR #1 applied nolvasan, wonderdust and hooflex. L temporal able to express small amount of purulent material. MS/DMO (SYL)
- 12.Aug DAR: HR nail #1 flushed, treated with nolvasan, wonderdust, hooflex. Footwork done on HR/FL. MS/HK/GS/DMO (SYL)
- 13.Aug DAR: HR #1 applied nolvasan, wonderdust and hooflex. L temporal was packed; hosed off and expressed a small amount of purulent material. DMO/MS/AM (SYL)
- 14.Aug DAR: HR #1 applied nolvasan, wonderdust and hooflex. MS/HK/DMO (SYL)
- 17.Aug DAR: HR #1 applied nolvasan, wonderdust and hooflex. DMO/MS (SYL)
- 18.Aug DAR: HR #1 applied nolvasan, wonderdust and hooflex. DMO (SYL)
- 19.Aug DAR: HR #1 will be an on-going maintenance until further notice. Will only note when not done on DAR from now on. HK/DMO/MS (SYL)
- 21.Aug DAR: did not do maintenance on HR #1 today. HK (SYL)



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: ~ 1962 - ~46Y Hybrid: Not a hybrid
 Time since last Acq: 42Y,1M,10D 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>
16 Jul 1966	Purchase from CATSKILL / UNK	TOPEKA / 19766A		

<u>Date</u>	<u>Identifier type</u>	<u>Identifier</u>	<u>Location</u>	<u>Comments</u>
16 Jul 1962	House Name	SUNDA		
16 Jul 1962	Regional Studbook #	238	AZA	

<u>Date</u>	<u>Type</u>	<u>Value</u>	<u>Units</u>	<u>Comments</u>
21 Sep 2007	live animal weight	9000	pound	Walked across scale this am, very rough weight.
7 Aug 2008	live animal weight	8585	pound	

<u>Date</u>	<u>Note type</u>	<u>Comments</u>
16 Jul 1966	Price	002300
16 Jul 1966	Daily Report Data	Same sex grouping
6 Jan 1992	Daily Report Data	Due to ear infection, Dr. Shaw prescribed a flush and a tropical antibiotic cream SID for 5 days. [[MM]]
5 Jan 1995	Daily Report Data	Vet checked tail, debrided and pulled ingrown hairs.
5 Jan 1995	Daily Report Data	Treated tail by excising infected tissue.
5 Apr 1995	Daily Report Data	Sunda throwing dirt on the back patio for about one hour this pm. Possibly she was reacting to zebra placenta that had been on the patio. After pm training session, Sunda went to the gate and smelled intently at patio and wheelbarrow where the placenta had been. Placed the placenta at the gate, she excitedly sniff and kicked at it, picked it up and flung it. She seemed more interested in the smell than in the actual object.
4 May 1995	Daily Report Data	Started biotin supplements/collected blood, monitor Biotin levels.
9 May 1995	Daily Report Data	Debrided necrotic tissue for lft side of tail. Suspect recurring figal infection.
3 Aug 1995	Daily Report Data	While servicing the elephant uni, Jodi was knocked into the bars by Sunda. Jodi was working Sunda and both elephants were chained. Jodi crawled through the bars while Tanya stretched Sunda's and layed her down. Mike Y., Merle and Mike C. responded. Jodi was taken to St. Francis for back injury. Incident report was filed.
1 Nov 1995	Daily Report Data	Aggitated and aggressive for the last 4 days, ramming the bar, doors, grabbing at non-elephant personnel (and trainee), throwing at everybody, suspect she is restless and bored because they has not been outside for a week due to coverage.
1 Nov 1995	Daily Report Data	No feces, no interest in food, constantly posing, aggressive gestures.
7 Nov 1995	Daily Report Data	Difficulty defecating and trembling notice in hind quarters. Vet was called, he palpated her and gave an enema, blood drawned and urine samples taken.
12 Dec 1995	Daily Report Data	Grabbed DBA at bars as he was walking thru door between elephant giraffe units. DBA got away, call 41 & 42 and went in and disciplined her for 5 minutes.
18 Dec 1995	Daily Report Data	Tail has blown up again treating with tetracycline/DMSO.



16 Jan 1996	Daily Report Data	Sunda weight - 8300 lbs. gain of 300 lbs. since 1993.
29 Mar 1996	Daily Report Data	Successful amputation of last 9" of tail. There were no complications and recovery took only about 15 minutes.
13 Apr 1996	Daily Report Data	Lost nail "protector" foot looks good.
16 Apr 1996	Daily Report Data	Replaced tail wrap 3 times, she has learned how to remove it.
31 Aug 1996	Daily Report Data	Did well lining up at patio and being released at 1000 hrs this morning and did excellent at 1545 by coming from SE corner of yard on second command of "come here . . . move up." Good job and only the 3rd day.
1 Sep 1996	Daily Report Data	Had to go into yard and get them. They wouldn't come in over to patio. MAY yelled and they roared and moved toward far end of yard.
5 Sep 1996	Daily Report Data	Needs her feet worked on: LF, LH, RH. Need to know protocol to for brining them in to do husbandry as above.
8 Sep 1996	Daily Report Data	Do not have appropriate staffing or time to bathe or work on their feet for the past 3 days. Sunda needs footwork very badly.
11 Sep 1996	Daily Report Data	Has resorted to stereotype dancing at the door to the yard from at 1530 to when she's brought in for 3 days. Also has reached under wire while watering past two days. Aggression towards Tembo has increased from 0 incidents to 3-4 times daily since introduction to yard. Spending 30 to 40% of time from 1400 hrs by patio, just standing. She "purrs" when keeper is in visual range in back aisle while Sunda dances. Personally feel that newness of yard has worn off and looking for interaction to break monotony after they have eaten and drank their fill. This was something they had and was taking away without transition or any substitute provided. Found exposed cut on left cheek (probably from "sparring" with Tembo) treated with Furizone.
12 Sep 1996	Daily Report Data	I noticed that Sunda was standing at the back door at 0930. She stood there for 2 1/2-3 hrs. She either had her trunk hanging on the patio or she was sterotypically pacing or "rocking" as it is called. There was hay in the yard and they had just been put out 15 min before.
15 Sep 1996	Daily Report Data	Bringing in elephants at 1645, both came to door in line up position. Sunda went in with MAY, Tembo started to go in with TAT & backed out of doorway, then proceeded to furiously "throw a fit" in the yard. Tembo backed up fell to knees, swung her trunk, drove her tusk into the ground mock charged, head shook all of these aggressive behaviors repeatedly. Switched elephants Sunda was taken into the stall and eye contact was lost, then both elephants roared, spun repeatedly. Sunda frantic inside stall, ramming walls, spinning wildly, roaring, charging door. Twice ran thru hippo stall and outside. TAT yell at MAY to get out of way. Treats were tried with Tembo but did not work. It appeared that Tembo was frightened for what ever reason and would not come in. This went on for approx. 1/2 hr.
19 Sep 1996	Daily Report Data	Sunda and Tembo were sparring today in the unit at 1100 hrs. Sunda was apparently tusked in left eye. It was swollen & bleeding around the tear duct. Rinsed and scrubbed clean.
1 Oct 1996	Daily Report Data	After they were brought in, found a pipe that the elephants had partially dug up. Inside the pipe is the hot wire that goes from the outside fence to the tree in the middle of the yard. I didn't see which elephant was responsible for this - maybe both.
31 Oct 1996	Daily Report Data	MAY and SCM brought elephants in and everything went fine until Sunda turned around in the elephant yd and went into the reserve



		stall. MAY had to give command to make her turn around and go back into stall.
1 Nov 1996	Daily Report Data	<p>While doing doors on transferring elephants and felt tension on door, I let my hand go, at that time I heard KB say "Come here Sunda", and then "No Sunda No", then the crank spun wildly and again I heard KB yell "No Sunda, Sunda No!". Another keeper said Sunda took a swing at KB and barely brushed her face. Sunda was charging her before that happen and rammed the bars.</p> <p>Observe 4 separate incidents of Sunda doing a "full blown" charge at KB (who was in front of the bars) while her & SCM were tryin to put elephants out. Sunda was ramming the bars, trying to grab KB. Sunda also threw door to hippo stall outside open before keeper in back aisle was prepared. At no time did KB remove herself to an area out of reach of Sunda, other then being forced against the railing), she yelled "no" and even called Sunda back over. In my opinion the situation has now become very potentially lethal.</p>
2 Nov 1996	Daily Report Data	<p>At 1015 KB and myself (SCM) were going to transfer the elephant KB was walking in front of me, as she went north thru the door she was hit by "Sunda". Sunda's trunk came up across the front of KB's body. KB then ducked forward and covered her head. Sunda's down swing came across KB back. This is when I grabbed the back of KB shirt at the same time, KB started to back up in the service area. Sunda's trunk slipped off KB and I went thru the empty Giraffe stall to avoid Sunda.</p>
17 Jan 1997	Daily Report Data	<p>Received cut in mouth when she & Tembo had disagreement. Checked by Merle and Dr. Carpenter. No treatment required.</p>
18 Jan 1997	Daily Report Data	<p>Dr. Carpenter checked mouth wound - appears to be starting to heal. Sunda did not act as if it were very sore today.</p>
15 Feb 1997	Daily Report Data	<p>Sunda's temporal gland is draining. She is packing it with hay and mud. Cathy and I flushed it out today and applied betadine. [[LRB]]</p>
28 Mar 1997	Daily Report Data	<p>Sunda for the last two days has rammed Tembo the African elephant. Trainer did talk to other members. If she continues to do this, we will need to talk about it in EMC. [[SCM]]</p>
4 Apr 1997	Daily Report Data	<p>Got a hold of hose from back aisle - ate part of it - not sure how much was consumed. May also have eaten plastic repair parts. [[CAH]]</p>
10 Apr 1997	Daily Report Data	<p>Sunda today while transferring the elephants inside, Sunda did a full charge with her head into Tembo's temple area. Tembo was find and it took 15-20 min for the elephants to settle down, after that the chaining and everything else was find. [[SCM]]</p>
11 Apr 1997	Daily Report Data	<p>Today transferring her to the outside didn't go well. She proceed to ignore keeper's command to come outside, instead she wanted to play with whatever she could get hold just like any elephant would do naturally. She proceed to break the chain that we use to open and close the elephant stall door with. Then repeatedly rammed that door and the keepers exist door while trumpeting a few times. Then she proceeded to rip up the chain into three pieces. She took one of the pieces of chain to start thrashing at the walls. During this time she did manage to break out the skylight in the hippo stall. We did close down the building until we finally got them out. SCM was feeding Sunda produce in which Sunda was mock charging me several times. All took about forty to thirty minutes to get Tembo out. We do have to push the elephant door close by hand and with both elephants chained up until we get the door fix there is basically no barrier with opening and closing the elephant door. [[SCM]]</p>
12 Apr 1997	Daily Report Data	<p>Sunda today when transferring her back into the elephant stall, she rammed Tembo with her head. The both were being fed at the time, but other than that no apparent reason why Sunda hit Tembo. Everything else from that point went find. [[SCM]]</p>
12 Apr 1997	Daily Report Data	<p>Today on transferring on the elephants, Sunda was the only one giving problems. I was not there for the morning, but it was reported that Sunda was being extremely aggressive towards Lisa Burton the trainer and Jason Bredahl the mechanic. Sunda repeatedly charge at them. Cathy Harrison did take over over</p>



		as trainer, because Lisa asked her to and had no further problems. When we transferred, Sunda was acting up at first. First thing she did was to ram the bars toward Lisa and Jason which did make them and the public jump back. Then she turned around and rammed Tembo to stop her from coming. Eventually Tembo did get a round and the rest of the transfer went fine. This is the second time Jason, Lisa and Steve have brought them in. [[SCM]]
14 Apr 1997	Daily Report Data	The elephants knocked down the three small trees that were in their yard (previously had hot wire around them both, yesterday they ripped the hot wire off and seemed to enjoy their self induced enrichment. Both transfers went well today. [[JLB]]
14 Apr 1997	Daily Report Data	The transferring went better today except for Sunda trying to stop Tembo from coming into the elephant stall. She is not as aggressive towards the new people (Lisa, Steve & Jason). The chaining went extremely well. [[SCM]]
16 Apr 1997	Daily Report Data	They have been spending quite a bit of time around the little hot wire fence surrounding the gas main - not sure if they are messing with the fence or not. The fence charge today was reading 2.5.
18 Apr 1997	Daily Report Data	Today Cathy and Jason notice that Sunda was favoring her left front pad, We did have Merle look at her foot and we are medicating Coppertox to her pad. We believe she cut her pad on some piping in the yard. [[SCM]]
19 Apr 1997	Daily Report Data	Favoring left front leg, moving slowly and stiffly and reluctant to walk. Pad has been torn and scraped with a triangular shaped piece hinge from center of pad. Soaked foot in Betadine solution in morning and afternoon, washed and applied Kopertox midday before transferring on exhibit. Takes a long time to transfer her into and out of exhibit as she walks very slowly. Exhibit is very rough and hard with deep footprints that seem to make it more difficult for her to walk. She is also spending a good portion of her time lying down. [[CAH]]
20 Apr 1997	Daily Report Data	Found a 6 inch piece of pipe near the tree that has hot wire around it while I was cleaning the yard. Later found a 3 foot piece of copper wire on west side of yard near fence. [[JLB]]
20 Apr 1997	Daily Report Data	Both front feet (pads) scraped up and obviously very sore. She is reluctant to move and walks very stiffly and slowly when she does move. Took about 15-20 minutes for her to walk length of yard and get into stall in afternoon. Spent most of the day in stall and outside lying down. Dr. Carpenter trimmed some flaps of pad hanging from both pads. We soaked both feet in Betadine solution am and pm. Applied Kopertox to left pad (which is the worst one) am and pm. Sunda is tolerating treatment very well, listening to my commands and cooperating even though she is obviously hurting. She did refuse elephant chow-would only take produce or primate biscuits. She also refused the aspirin prescribed by Dr. Carpenter. [[JLB]]
24 Apr 1997	Daily Report Data	Observed white pus coming from left front pad. Flushed with water, soaked foot in Betadine solution for 10 minutes, then applied kopertox. Will continue this treatment 2x daily as per Dr. Carpenter. [[CAH]]
25 Apr 1997	Daily Report Data	Left front foot obviously very sore today. Would not allow us to hose it off but we were able to do some very light scrubbing. No pus seen today. Soaked in Betadine solution 2x, applied Kopertox after each soak. Transferred outside and back in with no difficulty - just slowly. Having the yard smoothed out seemed to help as she did not have as much trouble finding good footing. Found another piece of pipe sticking up in yard. Terry pulled out a huge piece of pipe in concrete and several large pieces of chain link. [[CAH]]
26 Apr 1997	Daily Report Data	Today after we worked on her feet and training session, we try to transfer the elephants. Tembo did great, Sunda on the other hand refuse to come out and the furthest she got was the hippo stall. All together it took 2 hours and we decided to keep them in the rest of the day. If we were able to close the elephant door, we could have cleaned the stall. [[SCM]]
26 Apr 1997	Daily Report Data	We walked around elephant yard before trying to transfer the elephants out and found 2 feet of wire (probably of the chain link variety) and three rusty nails. [[JLB]]
27 Apr 1997	Daily Report Data	When JB, LB and SM tried to transfer Sunda outside she refused to come out. We tried everything to get her to come out. Finally we called Cathy. She did get Sunda to move up far enough to close Hippo stall door, We cleaned the unit and tried to get them back in. During this time Sunda did try to do a very serious trunk slap on Cathy, but she moved out of way. This ordeal took almost three hours in which Sunda didn't want to be outside. [[SCM]]
28 Apr 1997	Daily Report Data	The elephant transfer went extremely smooth this am. Sunda is still quite sore, but she's willing to cooperate. It only took us (Jason and myself) 10 minutes to get them out into the yard. [[LRB]]
28 Apr 1997	Daily Report Data	The stall was bedded down with shavings to try and absorb urine. The elephants seemed to enjoy it.



Shaving baths. [[LRB]]

4 Jun 1997	Daily Report Data	At about 2300 Branddon and I saw Sunda laying down in yard sleeping this was the first time they have been out at night and I witnessed this. [[MS]]
4 Jun 1997	Daily Report Data	Over the past week her aggression has steadily been getting worse towards Jason, Lisa, and Steve. She has repeatedly disobeyed Jason and Lisa commands. Many times has try to wipe at the mechanic when doing the chaining and she is trying to get to the mechanic when we open and close the door. We need to put Sunda on the other side so Tembo is blocking the door. We need to do this as soon as possible. [[SCM]]
7 Jun 1997	Daily Report Data	Since we have left the elephants out overnight Sunda has been more aggressive and not listening to commands as well as she usually does. [[SCM]]
8 Jun 1997	Daily Report Data	Again Sunda's aggression and frustration levels seem to be on the rise. The main problem occurs after she is chained and someone has to manually slide the stall door open or close. She breaks from any position she is in and moves to the door (stretching chain as far as she can) hitting the door with her trunk and swinging it though the doorway and trying to grab the keeper. [[JLB]]
11 Jun 1997	Daily Report Data	Sunda left 6 pounds of grain. She was behaving better for the trainer (Lisa). She didn't charge or do any aggression towards Lisa. She is still lunging at the door, but she is on short chain which has helped. [[SCM]]
13 Jun 1997	Daily Report Data	Today Jason, Steve and Cathy were able to do all the foot soaks on Sunda and two on Tembo's right side. The fence was at 5.4 volts. [[SCM]]
15 Jun 1997	Daily Report Data	Both elephants were very nervous during storm at first, trumpeting and roaring a lot then seemed to calm down a little. [[MS]]
22 Jun 1997	Daily Report Data	Past few days have been getting more and more difficult to transfer the elephants out after servicing their yard. Today Tembo refused to go out when sent. She stayed inside the elephant stall and banged on doors with hind legs, threw feces on walls and rammed the elephant/hippo door with her head. She was also very vocal the entire episode. Took Jason 20 min. to get her to move into the yard. While Tembo was inside Sunda was out. Jason try to hold her on station for the transfer. Tembo would trumpet and Sunda would break and then charge the cable fence towards Jason and actually touch the fence while throwing her trunk out. She did this about 10 different times and on two instances she actually grabbed the fence with her trunk. The fence was measured before putting elephant out and it was measured again between 0.4 - 6.6. The entire transfer took the two trainers 50 minutes to complete. [[LRJ]]
23 Jun 1997	Daily Report Data	Transfer out into yard was difficult again. Sunda came out fine but Tembo stayed in stall. After 5 minutes, Sunda broke from her stations with me to go check on Tembo. I positioned myself to see into the hippo stall and called to Tembo. Sunda charged me and hit the fence with her trunk, back off and was ok. Went towards the door again and charged me again when I called to Tembo. She put her trunk through the 2nd and 3rd wires and extended trunk about a foot or so. She was shocked and backed off squealing. She went into the elephant stall and Tembo and her came out. The transfer took approx. 20-30 mins. [[JB]]
13 Jul 1997	Daily Report Data	For the past week she has shown more aggression towards Tembo. Today when we were trying to transfer them back, Sunda pushed Tembo in a corner and stopped. We couldn't do a time out because we had already stated the transfer. [[SCM]]
10 Aug 1997	Daily Report Data	Today Sunda was chasing Tembo around the yard for a good 20 minutes or so and she would not stop. Then when Sunda came in she did have a few scratches around her head, probably from Tembo's tusk. [[SCM]]
20 Aug 1997	Daily Report Data	Sunda is showing more aggression towards Tembo. Today when released to go inside Sunda pushed Tembo into a large hole in the yard. Tembo had somewhat of a struggle climbing out with all of the mud & water. [[JLB]]
4 Sep 1997	Daily Report Data	Sunda try to grab Lisa once and hit the wire mesh twice while SCM was trying to get the door close and she did brake out of a bow the first time. [[SCM]]
6 Sep 1997	Daily Report Data	Both elephants were successfully transferred this a.m. around 0815. After two days of trying, Tembo was the one who would not go out but both walked right out today. [[JBL]]
9 Sep 1997	Daily Report Data	Today was the first day we did chaining outside. Tembo did really good. She brought her front foot right up by the fence. MDC did get Sunda chained and she would not get very close to chain, but MDC did get the chain on her. They only chained the front leg on each. JB was trainer for Tembo and LB was the trainer for Sunda and MDC was the mechanic.



Date	Report Type	Notes
		[[SCM]]
11 Sep 1997	Daily Report Data	Both elephants were placed on front and back chains in the yard today while contractors worked on outside door. Sunda was pacing quite a bit back and forth after she was taken off chains. Observed her walking with a stiff front left leg. She was chained on that leg in the yard. Continues to walk with the stiff leg (not bending her knee) but putting weight on it. Nancy was advised and looked at her. [[JLB]]
12 Sep 1997	Daily Report Data	Sunda is still walking stiff legged, but she is moving her right front leg straight ahead instead of what she as doing yesterday. [[SCM]]
13 Sep 1997	Daily Report Data	Is walking with less stiffness in her front left leg today. Still not bending it at the knee as she normally would. When she walks she bends it some and appears to be improving daily. [[JLB]]
13 Sep 1997	Daily Report Data	A large log was found on the bottom cable of the elephant yard fence. I used the "Push it" command so that Sunda could move it off the fence and away from it. She complied and moved the log away. [[JLB]]
14 Sep 1997	Daily Report Data	Sunda is continuing to improve w/ the bending of her knee. She seems to be walking almost normal and appears to be doing well. [[JLB]]
17 Sep 1997	Daily Report Data	Hasn't been eating all of her p.m. grain (5 lbs.) Today she stopped eating and left 2 1/2 lbs. [[JLB]]
20 Sep 1997	Daily Report Data	Observed Sunda shivering this morning when I gave them their grain and hay. I discussed bringing them in tonight because of cold weather w/ MDC and NAC but they decided they shouldn't be brought in. [[JLB]]
21 Sep 1997	Daily Report Data	The elephants were double chained in the yard today while it was serviced. Z-10 was taken into the yard also. Both elephants did fairly well with the whole process but they did get restless towards the end. [[JLB]]
24 Sep 1997	Daily Report Data	SCM said he observed both elephants shivering in the yard when he gave them grain and hay int he morning. LRB and Myself noticed a small accumulation of mucous in the corners of the eyes of the elephants. Sunda was also observed blowing liquid from her trunk as if to clear a passageway. [[JLB]]
24 Sep 1997	Daily Report Data	The elephants were moved inside today and left in overnight due to weather and yard conditions. The transfer went very smoothly without any problems after 18 days without a transfer into the building. [[JLB]]
24 Sep 1997	Daily Report Data	In the morning both elephants were shivering and Sunda had mucous in the corner of her eye and her stomach muscle by her hip was twitching. Told the vet about it at 0900, observe this at 0830 by the elephants [[SCM]]
25 Sep 1997	Daily Report Data	Were transferred out this p.m. after doing foot work on Sunda. [[LRB]]
26 Sep 1997	Daily Report Data	The elephants were transferred in today for about 2 hrs. The yard was very muddy and wet, NAC and MDC decided to put them out overnight. They transferred out very well. [[LRB]]
27 Sep 1997	Daily Report Data	Elephants were left in their yard all day and night because Pek-Sue is in their stall. [[JLB]]
28 Sep 1997	Daily Report Data	The elephants were not transferred again today because Sue was in their stall. It was determined by 28 & 23 that the weather would not be a factor in bringing them in tonight. [[JBL]]
30 Sep 1997	Daily Report Data	Sunda would not be chained inside today. LRB and myself tried to get her into position but she would not comply. She kept walking around the stall, showing aggressive displays towards us or doing the wrong commands. We sent them back out after trying for about 20-30 minutes without success. [[JLB]]
1 Oct 1997	Daily Report Data	Elephants brought in at 12:45 for the day and overnight so that the shade/shelter structure can be put up in the morning. [[JLB]]
2 Oct 1997	Daily Report Data	Was refusing to eat two pounds of her grain this morning. [[SCM]]
7 Oct 1997	Daily Report Data	The elephants dug up and tore out the plastic PVC pipe and copper wire that runs from the electric box in the building to the fence. The fence was not functioning and the elephants were left inside overnight. [[JLB]]
11 Oct 1997	Daily Report Data	Sunda was very aggressive today and would not listen to commands very well either. She hit the bars twice swinging her trunk through at me. She pushed on the protective barrier in front of SCM and was pressing her head into bars when he was attempting to flush her temporal gland. She was standing without listening to commands w/her head held high, open mouth and trunk on the top bar. MDC was called to help transfer her out because she absolutely would not listen to me to chain up. [[JLB]]
14 Oct 1997	Daily Report Data	Sunda was still aggressive and not cooperative again. They were left in their stall all day. [[JLB]]
17 Oct 1997	Daily Report Data	Steve and I were able to transfer her out and back in today fairly easy. She is showing less aggression and listening to commands better. We have increased the number of training sessions and time spent with the elephants and this may be helping. [[JLB]]



24 Oct 1997	Daily Report Data	When I was throwing alfalfa pellets into the yard Sunda was following me and charging at the fence. At the very end she was starting to throw dirt clogs at me. [[SCM]]
29 Oct 1997	Daily Report Data	The elephants are locked outside on exhibit tonight because of the installation of the new elephant doors. The area under the awning was bedded heavily with brome and a heater was placed on the north side of the exhibit. [[LRB]]
30 Oct 1997	Daily Report Data	The elephants are spending the night outside tonight due to the construction of the new elephant doors. [[LRB]]
2 Nov 1997	Daily Report Data	Tembo has white mucous in both of her eyes. Sunda has watery eyes. [[LRB]]
4 Nov 1997	Daily Report Data	Tembo and Sunda were both shivering the entire day today. Tembo still has mucous in her eyes. [[LRB]]
4 Nov 1997	Daily Report Data	Tembo would not transfer inside today. The elephants were given access due to Tembo's unwillingness for some unknown reason to transfer. [[KRB]]
7 Nov 1997	Daily Report Data	The elephant were given access to the hippo stall from 4 p.m. until morning. I only observed Sunda in the hippos stall before I left. [[JLB]]
9 Nov 1997	Daily Report Data	We tried to transfer the elephants out around 9:30 to 10:30. Tembo wouldn't go outside. She did move half way into the hippos stall (Her two front feet in but not her back feet). Sunda was transferred back in and they were locked in their stall w/access. [[JLB]]
10 Nov 1997	Daily Report Data	Sunda was transferred outside today, Tembo was double chained in the stall and the stall was serviced. LRB held Tembo in front of the stall while JLB, NAC, DMS and FLP cleaned. Tembo remained fairly calm and didn't show any aggression during the process. [[JLB]]
10 Nov 1997	Daily Report Data	Sunda rammed the protective barrier with her head during the transfer out. This action caused a laceration above her right eye. NAC was notified. [[JLB]]
11 Nov 1997	Daily Report Data	The elephants were not transferred outside today because the contractors were working on the outer door. They were given access to the hippos stall over night. [[JLB]]
17 Nov 1997	Daily Report Data	Sunda was extremely aggressive today. She rammed the mesh on at least 20 different occasions. When asked to do commands during those times she became more aggressive. She was observed holding her head high with her mouth wide open and her trunk hanging. She also threw her trunk out on several occasions and "snotted" at the trainer. [[LRB]]
18 Nov 1997	Daily Report Data	Sunda was still showing quite a bit of aggression while we attempted to get Tembo inside. The aggression ceased when I worked Sunda on chain inside. She listened, complied w/commands and stayed focused on me. She also acted very positively in the yard to training sessions. [[JLB]]
22 Nov 1997	Daily Report Data	The elephants were given access to the hippo stall and elephant stall overnight. Their hay and grain was placed in the hippo stall and back aisle as directed by the steering group. [[JLB]]
23 Nov 1997	Daily Report Data	Sunda hit the barrier once (inflicting a small cut on her upper trunk) and the bars twice in front of me today. This behavior seems to increase and intensify when I must rotate between both elephants as the trainer. She seems to stay more calm and content when one trainer stays w/her for the day as she likes to have as much attention as possible. [[JLB]]
25 Nov 1997	Daily Report Data	Sunda was transferred out this afternoon while Tembo was doubled chained inside. The unit was cleaned by Branddon and Merle while I (Lisa) held Tembo on station. Nancy video taped the procedure. This comment added to IDs: 002176, 19766A [[LRB]]
26 Nov 1997	Daily Report Data	Tembo and Sunda were both transferred out today at 10:30. The elephant stall was cleaned and then the elephants were sent to be transferred in Sunda came in, but Tembo refused. The elephants were then sent back outside and given a 1 hour break. We then tried to send both elephants back inside but Tembo refused. Sunda was then double chained inside and Kathy B. held her on station. Branddon and chained Tembo outside to a pillar. A rope was attached to Tembos chained and she was pulled in manually. I call Tembo from in front of the elephant bars while Kathy B. held Sunda. Tembo entered the building without much struggle at all. The procedure went fairly smoothly with the exception of not having enough elephant chains. Dennis video taped the procedure. [[LRB]]
27 Nov 1997	Daily Report Data	Sunda was transferred outside today from 2:00-3:00. Tembo was double chained inside and the stall was cleaned. At half at a time around her. Tembo stayed focused on me and the process went very smoothly. [[JLB]]
28 Nov 1997	Daily Report Data	Sunda headbutted Tembo in the stall today while I held them together on station. She also lunged at tembo (Sunda was on a front leg chain) when I was working w/ Tembo after Sunda came in. [[JLB]]
28 Nov 1997	Daily Report Data	Sunda was sent out from 2:00-3:00. Tembo was double chained inside and the stall was cleaned around



		her. She was a little aggitated today, paying attention to people cleaning (NAC & SCM) more than yesterday. Otherwise the process went quickly and smoothly. [[JLB]]
30 Nov 1997	Daily Report Data	Sunda was sent outside from 3:15 - 4:00. Tembo was double chained inside and the stalls was cleaned accordingly Tembo stayed calm. I cleaned it while LB stayed with/Tembo. [[JLB]]
2 Dec 1997	Daily Report Data	Sunda showed some aggression today in front of me, She raised up on the horizontal bar (two front feet) and swung her trunk through the bars before she transferred out. She seemed aggitated during the chaining and transfer (doing wrong commands, moving around and not holding steady). [[JLB]]
3 Dec 1997	Daily Report Data	Sunda was transferred outside this a.m. and Tembo was double chained inside while Merle and Steve cleaned the elephant stall. The procedure started at 10:00 and ended at 10:50. Merle acted as a mechanic while I gave commands and Steve held Tembo and Sunda. [[LRB]]
9 Dec 1997	Daily Report Data	Sunda transferred out this morning, but Tembo refused. Tembo was doubled chained inside and the stall was cleaned by Merle and Jennifer. [[LRB]]
12 Dec 1997	Daily Report Data	Both elephants were double chained inside today while the contractors worked on the stall door. Both elephants did fairly well. They were on chains from 11:15 - 3:15. MDC and myself held them. They were given produce, alfalfa pellets, hay and elm branches. [[JLB]]
15 Dec 1997	Daily Report Data	Tembo and Sunda were double chained today while maintenance and Dennis adjusted the door. Jason was unable to open the door leading into the elephant stall. [[LRB]]
20 Dec 1997	Daily Report Data	We transferred both elephants outside at 1:30. Both went very well. The stall was serviced and both transferred in fine. [[JLB]]
25 Dec 1997	Daily Report Data	Both elephants transferred today. Tembo stopped on the pad but were able to close the stall door behind her and she decided to walk across the yard. Both transferring in well too. [[JLB]]
4 Jan 1998	Daily Report Data	Sunda wouldn't chain up on two occassion today. She was not responsive to the process. The stall was not cleaned consequently. [[JLB]]
4 Jan 1998	Daily Report Data	Sunda swing her trunk at me while I was filing her front left nail. I then finished filing at that point and Jason filed for about 5 minutes. [[LRB]]
5 Jan 1998	Daily Report Data	Sunda was transferred outside this morning while Tembo was double chained inside. Sunda was locked outside on exhibit from 10:40 - 11:45 in 32 degree temperature excluding windchill (factors) [[LRB]]
5 Jan 1998	Daily Report Data	Sunda hit the elephant bars on Monday the 29th of December. At the time we considered it one of Sunda's everyday normal aggressive moves. However, she did hit the bars extremely hard and a cracking sound was heard. Jason and I mentioned this in EMC on Tuesday 1/30. On Sunday 1/4 Sunda was observed pressing against the bars on both sides of her trunk and opening her mouth on several occassions. It was also difficult to feed Sunda her PM grain. She stopped several times while being fed to push against the bars AM/LRB, Nancy and Merle came down today and looked at both sides of her sulcus on the right side was rough and needed to be filed and the sulcus on her left side was okay. However, both sulcuses were to be flushed with betadine today. 60 cc on each side. [[LRB]]
7 Jan 1998	Daily Report Data	Sunda was observed on several occassions putting pressure on her right sulcus. She does this by pressing against the front bars in the elephants enclosure. She was also eating slower when I was hand feeding her. [[LRB]]
8 Jan 1998	Daily Report Data	Merle and Steve filed on Sunda's two back feet nails and trimmed her pads. [[LRB]]
11 Jan 1998	Daily Report Data	Sunda ate only 6 lbs out of 10 lb of her grain today. [[LRB]]
13 Jan 1998	Daily Report Data	Sunda refused to eat all 10 lbs of her grain today. [[LRB]]
14 Jan 1998	Daily Report Data	Sunda refused to eat all 10 lbs. of her grain today. This is the second day in a row that she hasn't eaten it. On Sunday 1-11-98 she ate approx. 6 lbs of her grain. [[LRB]]
15 Jan 1998	Daily Report Data	Sunda ate 1/4 of a lb of grain today. She refused the other 9 3/4 lbs. While I fed her she pushed the right side of her trunk against the bars. [[LRB]]
17 Jan 1998	Daily Report Data	Sunda refused her grain in the morning and the afternoon. She would take some in her trunk but would drop it and not eat it. [[JLB]]
18 Jan 1998	Daily Report Data	Sunda was aggressive non-compliant during the attempted transfer and training sessions. Because she was not responding favorably to commands and had no desire to chain up we were unable to attempt an afternoon transfer. [[JLB]]
18 Jan 1998	Daily Report Data	Sunda ate 3 1/2 lbs. grain today (hand fed) but refused to eat anymore. [[JLB]]
19 Jan 1998	Daily Report Data	Sunda only ate 3 lbs of grain today. [[JLB]]



19 Jan 1998	Daily Report Data	Sunda has not eaten all of her grain for 9 days. [[LRB]]
20 Jan 1998	Daily Report Data	Sunda did not eat any of her 10 lbs of grain again today. This is the tenth day of not eating all of it or any of it. [[LRB]]
20 Jan 1998	Daily Report Data	Sunda was observed putting pressure on her right side of her trunk today. It appears like she is leaning and pushing against the bars and mesh where her right sulcus is. [[LRB]]
21 Jan 1998	Daily Report Data	Sunda ate 5 lbs. of her grain today after I soaked it in gatorade and hand fed it to her. [[LRB]]
22 Jan 1998	Daily Report Data	Sunda ate all of her grain today. I soaked it in gatorade and hand fed her. [[LRB]]
23 Jan 1998	Daily Report Data	Sunda was offered 5 lbs. grain in the morning but refused it. Her p.m. portion was sprayed w/H2O lightly and lemon/lime gatorade was sprinkled on it. She ate the 5 lbs. when I hand fed her. [[JLB]]
24 Jan 1998	Daily Report Data	Sunda ate her 10 lbs. of grain today, half in the morning and half in the afternoon. The grain had gatorade on it. [[JLB]]
25 Jan 1998	Daily Report Data	Sunda ate all 10 lbs. of her grain soaked in gatorade. She was hand fed. [[LRB]]
26 Jan 1998	Daily Report Data	Sunda ate her daily grain ration. We are putting lemon/lime gatorade on it and hand feeding her. [[JLB]]
31 Jan 1998	Daily Report Data	Sunda ate 7 lbs. of her 10 lbs. of grain today. It was hand fed plain to her. [[JLB]]
1 Feb 1998	Daily Report Data	When trying to chain Sunda she did brake her position and try to swing at me. [[SCM]]
11 Feb 1998	Daily Report Data	Would not eat her last five pounds of grain out of her daily 10 pounds. [[SCM]]
19 Feb 1998	Daily Report Data	Before we started the transfer, Sunda pushed Tembo into corner and stopped. [[SCM]]
24 Feb 1998	Daily Report Data	On the transfer back inside Sunda came in first and then Tembo came up to the pad and waited. LRB moved Sunda in front of the barrier, I called to Tembo who stood on the pad for 20 seconds. She then walked in. As soon as she entered the elephant stall Sunda broke from her position and charged Tembo. Tembo dropped her head down and covered (the front portion of her body) Sunda rammed Tembo's head. Tembo let out a loud roar. Sunda backed off a little and Tembo raised her head rumbling and ears out. Temporal glands streaming. LRB moved Sunda back into chaining position and I moved Tembo into her chaining position. Both were bathed and there were no more incidents. This comment added to IDs: 002176, 19766A [[DMS]]
1 Mar 1998	Daily Report Data	Sunda and Tembo are not acting comfortable around each other. Sunda has been making aggressive behaviors toward Tembo and influencing Tembo's behavior (not transferring, reluctant to move around her). This comment added to IDs: 002176, 19766A [[JLB]]
8 Mar 1998	Daily Report Data	We attempted to transfer Tembo and Sunda outside today on three occasions. Sunda was willing to be sent out, but Tembo refused. Consequently the elephant stall was not cleaned. This comment added to IDs: 19766A, 002176 [[LRB]]
8 Mar 1998	Daily Report Data	Sunda hit the mesh barrier today during an attempt to transfer the elephants outside. She has an abrasion on her trunk. We treated the wound with corona on two occasions. [[LRB]]
20 Mar 1998	Daily Report Data	During the transfer out Sunda hit Tembo and proceeded to push her in the stall for a very short distance. Then when transferring back inside Sunda came in first and Tembo walked in rear end first. MDC said he had a hard time to get Tembo to come over. [[SCM]]
22 Mar 1998	Daily Report Data	When MDC and SCM tried to transfer Sunda and Tembo inside today we had some problems with the elephants. Sunda came in first and Tembo refused to come. So MDC sent Sunda back out and Tembo immediately dart in after Sunda was out in the yard. From that point on the transfer went fine. This comment added to IDs: 002176, 19766A [[SCM]]
27 Mar 1998	Daily Report Data	Sunda rammed the bars on the transfer outside causing an abrasion on her trunk. Treating it topically. [[JLB]]
3 Apr 1998	Daily Report Data	She did not want to chain up by the barrier. We tried for 15 minutes and also during this time. JLB, SCM and NAC decide to leave her alone for the rest day to give a longer time out and try again tomorrow. We did not want to try to chain by door or any other spot for the reason, Sunda would learn that she does not get to choose where she wants to be chain. We want her to learn that we will chain her up where we want her to be. [[SCM]]
6 Apr 1998	Daily Report Data	Sunda head-butted Tembo in the stall this morning. She hit her in the right side of her head. I couldn't tell the motive behind Sunda's action, as they were only as they were only standing near each other while we set up to do training. This comment added to IDs: 002176, 19766A [[JLB]]
9 Apr 1998	Daily Report Data	Was lying down sleeping in the yard for at least 20 min while Tembo played with logs. [[NAC]]



15 Apr 1998	Daily Report Data	When SCM, LRB and MM try to transfer Sunda back in she refused to chain up for LRB, she tries for 10 minutes or so. MM try to get her to come over but she did not listen to him either and one time try to swing her trunk at MM. MDC came down and she chained up with no problem. [[SCM]]
20 Apr 1998	Daily Report Data	Merle filed on Sunda's left tusk today. It had become jagged so he smoothed it down. She held well. [[JLB]]
24 Apr 1998	Daily Report Data	Today when JLB and SCM was giving the elephants water, Sunda try to keep Tembo away at first by pushing Tembo with her trunk. Sunda stopped when JLB called her over. After that they both settle down and got a drink of water. This comment added to IDs: 002176, 19766A [[SCM]]
27 Apr 1998	Daily Report Data	Sunda was offered grain in the morning but refused 3 lbs. She ate 7 lbs in the p.m. sprinkled w/gatorade. [[JLB]]
6 May 1998	Daily Report Data	Elephants were given access to their stall and outside exhibit over night. [[LRB]]
13 May 1998	Daily Report Data	6:30 p.m. - Tembo and Sunda outside eating hay 8:15 p.m.- both outside Tembo playing with log 11:30 p.m. - Both elephants were inside lying down sleeping. [[SCM]]
22 May 1998	Daily Report Data	Sunda charged Tembo in the yard today. I was moving them to a station Sunda turned and ambled towards Tembo and pushed her. [[JLB]]
23 May 1998	Daily Report Data	Sunda charged Tembo in the stall today during a chaining procedure. She pushed Tembo sideways a little. Tembo rumbled and flared her ears out. [[JLB]]
2 Jun 1998	Daily Report Data	At 11:30 p.m. on my security rounds both Tembo and Sunda were sleeping outside on the pad. I was driving the golf cart and they didn't move an inch as I drove the golf cart around the side walk. They are extremely sound sleepers. [[SCM]]
8 Jun 1998	Daily Report Data	We collected the first T.B. test from Sunda today. On the third attempt she held the solution and enough was retrieved from her. NAC helped me w/ the procedure. [[JLB]]
11 Jun 1998	Daily Report Data	The second T.B. test was administered to Sunda today. NAC helped w/ the procedure. The test was completed on the first attempt. Sunda did very well. [[JLB]]
12 Jun 1998	Daily Report Data	Sunda head butted Tembo this morning in the stall. She also lunged at her two times during an afternoon bath inside. [[JLB]]
14 Jun 1998	Daily Report Data	Sunda's third T.B. test was completed today. NAC helped with the procedure. The test was done on the first attempt and went well. [[JLB]]
20 Jun 1998	Daily Report Data	Sunda became excited after she was sent outside today. She was running, throwing browse, ramming the tree and Tembo, kicking Tembo and the ground. She then began favoring her back left leg. NAC and MM observed her in the yard and inside. It appeared as though it is a little sore. She walks on it and puts weight on it but favors it somewhat. [[JLB]]
21 Jun 1998	Daily Report Data	Sunda appears to be walking putting weight on and dancing normally on her left back leg today. [[LRB]]
6 Jul 1998	Daily Report Data	57 and 28 drew blood from Sunda's left ear today. She was held inside, standing, parallel to bars. She held very well, 12 cc were removed from blood work. [[JLR]]
18 Jul 1998	Daily Report Data	Rocks gravel were pulled down from the roof above the elephant door onto the pad. I found them while cleaning the yard today. This comment added to IDs: 002176, 19766A [[JLB]]
1 Aug 1998	Daily Report Data	Sunda refused her p.m. grain (she ate approximately 1 lb of 5 lbs) she came in after access was given and walked around the stall for a few minutes, then she was taking some grain w/her trunk and dropping it in the stall. She would eat some hay then a little grain. After 15 min. She moved a pile of hay to the back of the stall and proceeded to eat it and drink water. [[JLB]]
2 Aug 1998	Daily Report Data	Sunda ate all 10 lbs. of her grain today (5 lbs in the a.m. and 5 lbs. in the p.m.) She ate it without any problems (i.e. walking around, dropping grain) she seems to have a better attitude today. [[JLB]]
6 Aug 1998	Daily Report Data	Sunda was given access at 3:45 and when she came in she was not interested in her p.m. grain. Instead, she was blowing air on her stomach, lifting her back left leg and slapping her stomach and vaginal area w/her tail, rubbing her left side (she was parallel to the bars) on the bars and letting me scratch her stomach, she as walking around the stall too, her appetite in the morning was normal. [[JLB]]
14 Aug 1998	Daily Report Data	We brought the elephants in this afternoon and chained them for baths, Sunda didn't eat her grain (poured on the floor) while Tembo was bathed. We have been hand feeding her in the a.m. and p.m. She ate her a.m., grain. We will continue to hand feed her. [[JLB]]



4 Sep 1998	Daily Report Data	Sunda was in an aggressive mood today. She displayed towards Tembo on the transfer inside and outside. Then in the afternoon during a footwork session w/Sunda she charged Tembo and rammed her in the back left hindquarters. Tembo was on chain eating alfalfa and an ince treat not even facing Sunda. After that incident the session was completed without any other problem. [[JLB]]
5 Sep 1998	Daily Report Data	Sunda had a small trunk abrasion today NAC checked it and we are treating it with corona. [[JLB]]
5 Sep 1998	Daily Report Data	Sunda is continuing to show aggression towards Tembo. She is displaying mostly (turning abruptly towards Tembo w/ears out). She did kick Tembo once inside the stall today. I also observed her biting and pushing the tire more than I've seen her before. [[JLB]]
7 Sep 1998	Daily Report Data	Sunda was throwing dirt clods at the public today. She was standing in the northeast corner of the yard, picking up the dirt clods and flinging them. I caught her in the act, told her no and had her drop it. I gave her some hose HO2 and she seemed to forget about her mischief. [[JLB]]
12 Sep 1998	Daily Report Data	Sunda was throwing dirt clods through the fence towards the muntjac yard. There was not any public present when I observed this behavior this morning. We increased the enrichment (hose h2O, Alfalfa cubes and browse) and the behavior ceased. [[JLB]]
16 Oct 1998	Daily Report Data	Sunda has been punching and hitting the outside door with her trunk while she has been in the yard. This has been occurring usually when someone is cleaning near the door or when it gets close to their transfer time. [[JLB]]
20 Dec 1998	Daily Report Data	Sunda refused her p.m. grain (5 lbs). She was offered the grain four times out was not interested. She seemed to be aggitated today (aggressive during transfer and pacing a lot inside). [[JLB]]
17 Feb 1999	Daily Report Data	Sunda refused her a.m. grain and her p.m. grain today. Her routine has been altered with the work being done around the yard and w/ those changes her attitude has been modified. [[JLB]]
19 Feb 1999	Daily Report Data	Sunda only ate 2-3 lbs. of grain in the p.m. None in the a.m. She seems very aggitated. [[JLB]]
19 Feb 1999	Daily Report Data	Sunda created an abrasion on her trunk today. She it the top of the bars and scraped some skin off. The wound is approx 3" long and 2" wide. It is superficial and was treated w/corona. [[JLB]]
20 Feb 1999	Daily Report Data	Sunda ate all 10 lbs of her grain today. The grain had gatoradeon it. [[JLB]]
20 Feb 1999	Daily Report Data	Sunda's trunk abraision was cleaned w/ a Nolvasan solution and treated w/corona cream. It is pink and raw but doesn't seem to be bothering her. [[JLB]]
21 Feb 1999	Daily Report Data	Sunda's trunk abrasion was cleaned w/Nolvasan and treated w/ corona cream. It appears to be healing normal. [[JLB]]
22 Feb 1999	Daily Report Data	Sunda's trunk abrasion is healing normally. It was cleaned w/Nolvasan and treated w/ Corona cream today. [[JLB]]
31 Oct 1999	Daily Report Data	Heard Tembo trumping and Sunda "Squeaking" at approx. 1740. Went to heck on them inside. As I walked up Temob ran outside kicking or hitting one of the doors on the way. Sund then charged the bars @ me. Pushing as hard as she could on two of them. Sunda then stared pushing on several areas of the walls she then charged the bards asin - pushing hard at this point Tembo was outside trumping. I went to check on her - she was doing laps around the yard - "attacking the tree as she passed S. end and ate pumpkins. Tembo hit/kicked the transfer doors and then kicked the keeper door. At this point, I had to start clsoing so I left. Did not hear either again. This comment added to IDs: 002176, 19766A [[BAM]]
16 Feb 2002	Daily Report Data	Asian Elephant "Sunda" Temporal gland was opened up, flushed out, Dr Ketz will examine closer on Monday.
17 Feb 2002	Daily Report Data	Asian Elephant Sunda, her temporal gland was perulent today with some tissue sloughing. Hosed lightly during bath. Dr Ketz is going to come and look at it again tommarow.
18 Feb 2002	Daily Report Data	Asian Elephant Sunda — Dr Ketz came down to look at her temporal gland — Sunda was uncooperative and wound't let Dr near her. Dr suggested we keep hosing it and she will try again on another day.
23 Mar 2002	Daily Report Data	Asian Elephant "Sunda" Her temperal was dry cracked, and bled a little bit. We cleaned it off and put a little corona ointment around the edges.
5 Apr 2002	Daily Report Data	Sunda's nails worked in with Mike Coker, we notched the cracks, filed the bottom of nails and nipped a little off the small over grown one. Will continue to maintain weekly. Dr Ketz and Patty took pictures of feet for footbook and ears for vein chart. They also looked at her temporal glan. We also worked on training (desensitize to Dr ketz touching back leg vein All went well
6 May 2002	Daily Report Data	Found a bristle from the street sweeper brush in the fecal this A.M. It looks as if it might have been ingested. Fecal was smashed so I could't tell who might have ingested it. Both Elephants appear well



6 May 2002	Daily Report Data	Asian Elephant "Sunda" Lost part of a tooth. JD found it in fecal and Dr Isaza I D it as Aajan. Sunda is eating and behaving fine.
18 Jul 2002	Daily Report Data	Asian Elephant "Sunda" was seen playing with her tooth several times today. Water picked it during a fun bath.
2 Aug 2002	Daily Report Data	Asian Elephant "Sunda" has a quarter sized lump on right ear. Noticed a dry patch of skin & when I touched it "Sunda" winced & started to get up. Vet Tech stuck her in that ear yesterday in an attempt to get blood. Will ask Tech tomorrow to come down and see if that was where she stuck her.
3 Aug 2002	Daily Report Data	Asian Elephant "Sunda" Vet Tech came & looked at the spot on her right ear noted yesterday. PH observed the same flaky dry skin patch and the hard quarter sized lump underneath. PH took a picture to give Vet a closer look at the skin. PH didn't think it was an abscess— possibly fungal. Will talk with Vet about it.
9 Sep 2002	Daily Report Data	Sunda's right ankle or knee may be tothering her, she did not want ot kneel on it inside or outside, she did kneel but kept all her weight on the other l(left) knee
10 Sep 2002	Daily Report Data	Asian Elephant "Sunda" seemed very stiff in the front right ankle again today. She wasn't bending it very much at all. Dr Isaza and KSU students came down. Dr Isaza believes it is due to arthritis in the joint and asked PH to get an asprin like medicine, (can't remember exact name) Have her take it 2x daily for 4-5 dys. Also would like us to warm pack "Sunda's" temporal gland 1 sid /dy in addition to hosing.
12 Sep 2002	Daily Report Data	Sunda recieved meds today (bute 2.0g Bid) She eats it well mixed with jelly in the middle of a peanut butter ball and frozen. She seems to have trouble with her right front ankle if asked to raise her foot.
13 Sep 2002	Daily Report Data	Sunda is walking better on right fron ankle. Hve not been asking her to do much that might aggravate the conkition. Has been taking her medication well.
18 Sep 2002	Daily Report Data	Front right ankle appears to be doing much better. She is bending it more when she waks as opposed to the stiff "limp" from over a week ago
23 Nov 2002	Daily Report Data	Sunda acting very aggressive this afternoon. Stomped around exhibit and would not allow us to shut doors for a bath. Possibly due to all of the volunteers cleaning back service area. After volunteers left, she was still being aggressive towards Tembo, but complied with all behaviors asked of her.
24 Nov 2002	Medical note	Sunda has a small spot on her trunk that has been rubbed raw or scratched. It is an old wound she re-opened.
30 Nov 2002	Daily Report Data	Sunda was being aggressive towards Tembo this AM in the transfer stall. Sunda shoved Tembo twice. Tembo refused to be shut into the transfer stall. She would either break and block the door or not come in at all. This has been a problem over the last couple of weeks. Normally able to shut them in after a couple of time outs. Transferred outside today and monitored throughout the stall cleaning. They were given access to the transfer stall.
1 Dec 2002	Daily Report Data	Sunda aggressive towards Tembo in the transfer this AM. Tembo refused to be shut into the transfer. Gave them 3 extended time outs. On 4th try, they came into the transfer opposite their normal positions with Tembo on the hippo side and Sunda next to the elephant door. They allowed the door to be shut and locked. Jackpot heavily once the door was shut and locked.
3 Dec 2002	Aggression	Sunda aggressive (mildly) toward Tembo in the transfer stall this AM and PM.
4 Dec 2002	Aggression	Sunda was being mildly aggressive towards Tembo in transfer this AM.
4 Dec 2002	Behavior note	Tembo has been inspecting has been inspecting Sunda's genitals and rumbling alot lately. Tembo's temporal gland has been draining heavily as well.
5 Dec 2002	Aggression	Sunda - mild aggression towards Tembo in transfer stall this AM and PM. Merie believes Tembo is cycling due to the thick, milky consistency of her urine. Both are doing dominance displays to each other, with Sunda doing it more in the transfer.
11 Dec 2002	Medical note	Sunda noticed small pencil erasure sized cut on upper portion of trunk late yesterday. Did not appear to be bleeding.
23 Dec 2002	Aggression	Saw Sunda and Tembo sparring with each other. Aggression was very mild. Sunda was shoving Tembo. Tembo was putting her trunk on top of Sunda's head, pushing her tusk into Sunda's mouth and cheek area. Both stopped after a few minutes.
27 Dec 2002	Aggression	Sunda has been agressive towards Tembo in the transfer stall this morning and yesterday. When trainer tries calling Tembo, Sunda will sometimes become aggressive towards trainer. Sunda kicked and hit Tembo several times this AM in transfer stall.
28 Dec 2002	Aggression	Sunda is still being aggressive towards Tembo in the transfer stall. Saw Sunda running around yard



		today and kicking Tembo.
29 Dec 2002	Aggression	Sunda - did a TB trunkwash on her today. She was a little aggressive trying to grab things.
30 Dec 2002	Aggression	Gave a good trunk wash but was very aggressive toward Patty and I during chaining. Eventually gave up on chaining her.
1 Jan 2003	Aggression	Sunda was being aggressive in transfer stall to Tembo. Sunda was also aggressive towards BS - hitting her head on the aisle door and blowing on him.
2 Jan 2003	Aggression	Sunda was being aggressive during AM transfer. She was running around the yard and charging the fence. Completed a successful trunkwash on her today.
26 Feb 2003	Aggression	Sunda was mildly aggressive towards DME during a transfer - flung her trunk out with head up and towards DME and PH during bath - similar behavior and stomping around exhibit. DME
3 Mar 2003	Medical observation	One of the Elephants couldn't tell which had cranberry colored urine today. Sent a sample as well as a sample from March 1 to Vet for analysis.
2 Apr 2003	Medical procedure	Continue to work on training for blood draw. See trainers log.
13 May 2003	Note	found a foot long piece of galvanized fencing wire in yard this a.m.. This comment was added to the following specimens: 002176, 19766A.
24 May 2003	Medical note	Noticed a dime/nickel sized lump on the left side of her trunk about 3 feet up from the tip. PH came down and looked at it. Would just like us to keep an eye on it.
27 May 2003	Note	Lump on left side of trunk noted on May 24, 03 appears to be gone. Was not able to feel it upon inspection this afternoon.
29 Jul 2003	Medical note	Supervisor noticed left temporal gland was swollen on 7/27/03 and then sometime in the AM Sunda was able to open it up. Swelling is gone today, however it does seem to be irritating her as she keeps smacking it and blowing on it. Will try hot compresses on it to see if that helps.
30 Jul 2003	Medical note	Applied warm compress to temporal gland for about two mins. this AM, skin around the area is sloughing off. Hosed off -- but she didn't want me to scrub it off.
31 Jul 2003	Medical note	The skin around temporal gland is sloughing off more. Took a swab from it for Vet staff.
1 Aug 2003	Medical note	Took a culture from her temporal gland today. Applied Nolvasan to temporal in AM and PM. Also did footwork on front left foot today.
4 Aug 2003	Medical note	Area around temporal gland is starting to slough off -- Applied Nolvasan in AM and PM
9 Aug 2003	Medical note	Left temporal region noticeable increase of puss appears to have been rugging it - sprayed with nolvasan after applying warm compress.
3 Sep 2003	Note	Elephants got a push broom and dismantled it. We were able to retrieve most of the pieces.. Sunday swallowed a small amount of plastic. This comment was added to the following specimens: 002176, 19766A.
30 Sep 2003	Foot management	Foot work done on Sunda right front and Tembo both fronts. Then both elephants acting difficult in PM after footwork. Tried to transfer outside to clean barn, Tembo stayed in. Sunda charging cables in yard toward TN and then returning to barn and kicking Tembo This comment was added to the following specimens: 002176, 19766A.
15 Mar 2004	Foot management	Both elephants had their feet washed and checked. Sunda had betadine applied to the soft spot on her left front. Mineral oil applied to both animals feet. This comment was added to the following specimens: 002176, 19766A.
6 Apr 2004	Medical note	Sloughing the skin around her left temporal gland again. She has also been packing it with mud.
7 Apr 2004	Medical note	Sometime overnight she sloughed a large piece of skin from her left temporal gland area. Wiped down and sprayed with nolvasan.
6 Jul 2004	Note	Foot work done on back left foot. Top left tooth appears to be sicking out of gums pretty far. It is the whole tooth and not just the front third or so.
20 Feb 2005	Foot management	Sunda footwork done on both front feet. Nicked her a couple of times on both feet, Koppertox applied to nails and pads.



21 Feb 2005	Medical note	Sunda — full scrub bath. Noticed a nickel sized lump on right side of tail about 6 inches from the bottom. Soft to the touch.
16 May 2005	Note	Front left foot, outside nail — she has been rubbing it heavily on some metal caging outside. She has put a deep groove into the center of the nail, almost to the cuticle and lots of smaller grooves.
18 May 2005	Note	Filed all nails on all 4 feet.
21 Jun 2005	Medical note	Sunda 1st TB trunkwash done this a.m.
21 Jun 2005	Medical note	Tembo 1st TB trunkwash done this a.m.
22 Jun 2005	Medical note	Sunda TB trunkwash (2nd) done this a.m.
8 Jul 2005	Medical note	Sunda is still blowing mucous out of her trunk.
10 Jul 2005	Medical note	Found more mucous in stall this AM
13 Jul 2005	Medical note	Very little mucous found in stall this am , Vet informed. Will start on Doxycycline tomorrow as a precaution.
14 Jul 2005	Medical treatment	Sunda ate about 98% of the antibiotics this AM.
17 Jul 2005	Medical note	Very little mucous in stall this AM.
18 Jul 2005	Medical note	Found several piles of thick white mucous in yard this AM. Found several piles of loose dark fecal in the yard this AM.
29 Jul 2005	Medical note	Still finding a bit of clear discharge from her trunk. Also some slightly milky discharge coming from her eyes. Found some semi-soft fecal.
16 Jan 2006	Foot management	Footwork done on right hind foot, medial a small bump approximately 2cm in diameter, (spot noted being seen before) had a hard, thick center which was removed by cutting it off. A small 2-3cm hole was left in center. No drainage of any kind was able to be expressed. Flushed with nolvasan.
3 Mar 2006	Medical note	Her left temporal gland is swollen. Vet staff and Supervisor looked at. Will express and flush gland on 3/4 and apply pure honey treatment to it.
5 Mar 2006	Medical treatment	Expressed left temporal this am. Not much of a smell to the material coming out. Flushed with saline. Injected 4cc's of honey into gland. Flushed again in pm. Did not express much purulent material in pm. Injected 2cc's of honey into gland. Wound over right eye and flap has sealed back down to surrounding skin. Hosed off and then rinsed with nolvasan. Nails done on.
24 Apr 2006	Medical note	Found a 6inch cut on right side of trunk about 10 - 12 inches from sulcus. Slight swelling to surrounding tissue. Wound appears to be older than 1 day as it was healing (no raw edges). She didn't appear sensitive and has not appeared to have any issues with using her trunk. Washed off with water. Vet staff alerted and will monitor.
9 May 2006	Medical procedure	Blood draw from right ear.
26 Jun 2006	Medical procedure	TB trunkwash done this AM.
27 Jun 2006	Medical procedure	This comment was added to the following specimens: 002176, 19766A. Second TB trunkwash done this AM
28 Jun 2006	Medical procedure	This comment was added to the following specimens: 002176, 19766A. Third TB trunkwash done this AM
10 Oct 2006	Fecal check/worming	This comment was added to the following specimens: 002176, 19766A. Routine fecal collected yesterday.
29 Jan 2007	Medical treatment	Began treating left temporal gland with unpasteurized honey. Vet inspected all 4 feet.
17 Feb 2007	Medical observation	Had a cut on her left cheek/lip. It was slightly bleeding this pm. Not sure if she bit her cheek or the browse cut her. She is eating and acting normally.
4 Jun 2007	Medical treatment	First TB trunkwash.
6 Jun 2007	Medical note	2nd TB trunkwash done.
7 Jun 2007	Medical note	3rd TB trunkwash done this a.m..
27 Jun 2007	Note	Found the temporary hotwire and wooden post on the ground this a.m. The wooden post was split and drug halfway across the yard. It didn't look like the elephants had ingested any part of the post or hotwire.



Both acting normal today. The main hotwire fence is still in fact, so both were contained.

This comment was added to the following specimens: 002176, 19766A.

28 Jun 2007	Medical observation	Small area on left front side of trunk- looked like she had been rubbing it on the wall. A little raw looking vet notified and treated. Will monitor.
9 Jul 2007	Note	In pm found a tusk in the stall. Unsure which side it is from. Will check in the am tomorrow. There was no blood on the tusk. Sunda was acting and eating normally throughout the day. Had not seen her messing with either sulcus.
9 Jul 2007	Note	Was able to feel both tusks. It was the right one that she shed. Can feel the jagged end of the break. No odor apparent. She did not appear to be sensitive to my touching the area. She continues to eat and act normally.
10 Jul 2007	Medical note	Vet inspected all 4 feet. Looked at area on hind right noted yesterday. The area is still sensitive to the touch to put full weight on the foot and use it normally. Vet wants us to soak the foot with Epson salt for at least 15mins for the next 3 days.
13 Jul 2007	Medical note	Last soaking treatment done this AM. When the abrasion is manipulated, and she is fine when we touch her toe. Per Vet -- soaking treatment can be discontinued.
14 Jul 2007	Note	Saw her laying down several times this AM, (inside Stall). I called her name, she would get up, then lay right back down. After about 11:00 AM she was up and waking around the rest of the day. She is eating and defecating. Will monitor.
15 Jul 2007	Note	Both hind right foot and right sulcus continue to appear normal. Neither showed any sensitivity while I was feeling them today. Did not see her lay down at all today. Was eating normally and aside from eating her grain slowly, which she does periodically.
16 Jul 2007	Medical procedure	1st TB test done this AM. Going to discontinue noting inspection of right tush, unless something changes with it.
17 Jul 2007	Medical procedure	Second TB trunkwash done this am.
19 Jul 2007	Medical procedure	3rd TB trunkwash done this AM
26 Aug 2007	Medical note	Noticed she was acting a little off in PM. She was not very interested in food. She was exhibiting a lot of signs like she was cycling (flehmen, milky urine, draining from both temporal glands). Vet notified, as well as Curator, Director and Animal Care Manager. Will monitor.
27 Aug 2007	Medical note	Still acting a little off, but appetite has increased. Still draining from both temporal glands and Tembo continues to show interest in her genital area. Continues the submissive squeaking around Tembo. Vet notified of appetite increase. Will continue to monitor.
28 Aug 2007	Note	Sunda's appetite appears normal today. Continues to drain from both temporal glands.
24 Sep 2007	Medical observation	Small scrape on top right side of her trunk. Also noticed a small cut directly below the scrape. Both looked superficial.
5 Nov 2007	Medical observation	During foot work yesterday, washed the area on front right foot previously noted on 10-30-07. Area is still sensitive to the touch. Walking normally. Doesn't appear to bother her normally. Will continue to monitor.
12 Nov 2007	Medical treatment	Foot work done on front right. Vet looked at area on front right where she damaged with rebar. Area doesn't appear as sensitive. Trimmed some of the flap open and flushed remainder with water. Will continue with this treatment. Vet also inspected other 3 feet.
23 Dec 2007	Medical observation	She has caused some damage to front left foot. Most likely from swaying and being in the ERD. There was some abnormal wear on the top outside area and then a hole between nails #3 and #4. Applied Koppertox with a syringe to the area. Appears sensitive to the touch.
24 Dec 2007	Medical note	Found a cap missing from the waterer in stall 1.
		This comment was added to the following specimens: 002176, 19766A.
27 Dec 2007	Medical observation	Vet looked at front left foot area between nails 3 and 4. Area still a little tender, but not as much. Continue to monitor.
31 Dec 2007	Medical treatment	Soaked her front left foot in epsom salts for 20 minutes this pm. Will be doing this until further notice per vet.
6 Jan 2008	Medical observation	Found a large scrape underneath her right eye this am. Found a small amount of blood on the south door, but it doesn't appear to have been the site of the scrape. Unsure what happened. The underside

Report Start Date
1/1/1900

Specimen Report for TOPEKA / 19766A

Report End Date
8/25/2008



		of her eye is swollen. Vet looked at. Can hose off gently to clean. Monitor it.
9 Jan 2008	Medical observation	Right eye appears to be healing. Swelling continues to go down.
5 Feb 2008	Medical observation	Spot under right eye appears dry today.
5 Feb 2008	Medical treatment	Flushed digit #1 of HR foot with noivasan. Did not appear sensitive. No apparent odor. Applied hooflex to HR and HL nail center nail as well.
5 Mar 2008	Medical treatment	Nalvason flush to HR digit #1. Hooflex applied to #1 and center nail on HR Hooflex applied to center nail on HL.
4 May 2008	Note	Filed some of digit number 1 from HR. The area is now an open channel. Flushed area with noivasan. Hooflex applied to nail. No apparent odor and area still doesnt appear sensitive to touch.
30 Jun 2008	Note	Got ahold of a plastic/ metal rake this a.m. Looks like a few pieces of plastic were eaten, but nothing more. Both girls acting/ eating normally.

<u>Date</u>	<u>Sex</u>	<u>Comments</u>
16 Jul 1966	Female	

<u>Date</u>	<u>Rearing</u>	<u>Comments</u>
16 Jul 1966	Unknown	