

Report Start Date
01-Jan-00

Specimen Report for AUDUBON / 579

Report End Date
26-Jan-07



6 Jan 2000	Medical/Rx/Tx note	Enema followed by 15m of rectal palpation standing-calm,relaxed,accepting of procedure until final 2min when she began to rock from side to side gently. Anus relaxed/dilated. Placed in L lateral recumbency x5min of palp. Relaxed while in lateral recumbency; allowed for full 5 min vigorous palp w/o moving hindlimbs. Section discussed decreasing sessions to 1/week as of next week-time consuming/so far meant to reinforce proper behav. W/discuss w/Dr. Topham/Section 11 Jan. [[RA]]
12 Jan 2000	Research obs/procedure	038/579: began training w/old xray plates-to use for skull rads for vomeronasal organ research (Bets Rasmussen). [[ALY]]
13 Jan 2000	Medical/Rx/Tx note	15m warm wtr enema at 95F followed by 10m rectal palpation standing-calm/relaxed, accepting of procedure. Anus relaxed/dilated. Placed in L lateral recumbency x5m palpation. Relaxed while in lateral recumbency; allowed for full 5m vigorous palpation w/o moving hindlimbs. Alternated person doing flush/palpation w/o animal showing sign of discomfort/stress. W/repeat procedure once/week UFN. [[RA]]
2 Feb 2000	Research obs/procedure	038/579: attempted to get rads of their vomerosnasal glands for Bets Rasmussen (researcher of elephant olfaction). Only 1 showed faint detail-no success for the most part. [[JJR]]
3 Feb 2000	Medical/Rx/Tx note	Bled as part of continuous hormonal monitorization.W/be bled serially/weekly UFN. [[RA]]
4 Feb 2000	Medical/Rx/Tx note	15min warm wtr enema @ 95F followed by 10min rectal palpation standing-calm/ relaxed/accepting of procedure. Anus relaxed/dilated. Unable to completely evacuate lower colon w/enema. Placed in L lateral recumbency x 5min palp. Relaxed while in recumbency; allowed full 5min vigorous palp only moving hindlimbs slightly. Prolonged palp w/o showing sign of discomfort/stress. W/repeat procedure once/week UFN. [[RA]]
9 Feb 2000	Husbandry/management	Started working w/her to desensitize to harness. May have to make minor adjustments to harness. [[AY]]
10 Feb 2000	Research obs/procedure	15m wrm wtr enema @ 95F, then 10m rectal palpation standing-calm, relaxed, accepting of procedure. Anus relaxed/dilated. Unable to completely evacuate lower colon w/enema. Placed in L lateral recumbency x5m of palp.2 unfamiliar people added to procedure in proximity of head,along w/unfamiliar equipment (gurney) w/o vis/apprec reaction. Relaxed while in lateral recumbency; allowed full 5m of vigorous palp w/o moving hindlimbs. Palp completed w/o showing sign of discomfort/stress. W/repeat once/week UFN. [[RA]]
10 Feb 2000	Husbandry/management	Started working in her harness for tug-o-war. [[RLV]]
16 Feb 2000	Research obs/procedure	038/579:15min wrm wtr enema @90F,then 10min rectal palpation standing-calm, relaxed/accepting of procedure. Anus relaxed/dilated. Repeatedly changed palpator w/o signs of discomfort. Unable to completely evacuate lower colon w/enema.Placed in L lateral recumbency x 5min of palpation. Relaxed while in lateral recumbency; allowed for full 5min of vigorous palpation w/o moving hindlimbs. Prolonged palpation w/o showing signs of discomfort/stress. Bled from L ear as per collection protocol. W/repeat procedure once/week UFN. [[RA]]
23 Feb 2000	Medical/Rx/Tx note	15min of palpation standing-calm/relaxed/accepting procedure. Anus relaxed & dilated. Unable to completely evacuate lower colon w/enema. Placed in L lateral recumbency x 5min of palp. 1 unfamiliar person added to procedure in proxim of tail, along w/unfam equip/gurney w/o vis/appreciable reaction. Relaxed while in lateral recumbency; allowed full 5min vigorous palp w/o moving hindlimbs. Palp completed w/o sign of discomfort/stress. [[RA]]
2 Mar 2000	Medical/Rx/Tx note	Palpation procedure performed. Went well. Unfamiliar person performed entire procedure (preceptor) w/o visible/appreciable reaction. This comment added to IDs: 038, 579 [[RA]]
8 Mar 2000	Medical/Rx/Tx note	Warm wtr enema/palpation x10min standing, 5min down. Went well. Bled for progesterone monitoring. [[KJT]]
22 Mar 2000	Medical/Rx/Tx note	Warm water enema/palp x 10min standing/5min down. Went well. Bled for progesterone monitoring. [[KJT]]
26 Mar 2000	Medical/Rx/Tx note	L/f foot, outer toenail has separated from cuticle 1/4"; warm to touch & has soft spot in nail bed (at closeout). Hosp notified. [[MCS]]
27 Mar 2000	Medical/Rx/Tx note	Hosp looked at #1 toenail, l/f foot. Abt same as yesterday. Warm to touch in AM, but no heat detected in late PM. [[ALY]]
29 Mar 2000	Medical/Rx/Tx note	Rx: epsom salt soak of #1 toenail, r/f foot BID. 1st Tx in PM today. Also, bled for progesterone monitoring. [[ALY]]
2 Apr 2000	Medical/Rx/Tx note	Staff filed #1 toenail, l/front foot. Vet exam. Small abscess on lateral toe, l/front foot. Keepers have pared



away dead/necrotic tissue & flushed. Have been soaking foot in Epsom salts a few days. W/cont to soak w/Epsom, add Betadine to water, follow up w/topical antib SID x 3 days. [[KJT]]

4 Apr 2000	Medical/Rx/Tx note	Last day Tx w/DryClox. Her #1 toenail on l/front foot is improving. Beginning to dry out. [[ALY]]
6 Apr 2000	Medical/Rx/Tx note	Vet exam. Abscess appears clear/no further discharge noted. Section has discontinued DryClox as req. Healing continues. Discontinue soaking at this time & allow to dry up. Cont to apply Betadine BID. Weighed today. [[KJT]]
9 Apr 2000	Medical/Rx/Tx note	Vet rechecked toenail. Progressing well. Cont tx w/Betadine BID. [[ALY]]
12 Apr 2000	Medical/Rx/Tx note	Vet check. Still looking good, not completely closed over yet. Keepers cont to apply Betadine BID to keep it clean. [[KJT]]
17 Apr 2000	Medical/Rx/Tx note	Vet recheck of #1 toenail, l/front foot. Progressing well. [[ALY]]
17 Apr 2000	Medical/Rx/Tx note	Vet exam=healing slowly. Small crack has developed cranial to wound running to coronary band. W/discuss Tx options w/staff. Cont w/Betadine Tx SID instead of BID. [[ALY]]
24 Apr 2000	Medical/Rx/Tx note	Vet exam. Crack still present, wound slowly healing. Nail has been trimmed to prevent wt bearing on that nail as much as poss. Cont to monitor. [[KJT]]
26 Apr 2000	Medical/Rx/Tx note	10m warm wtr enema @90F followed by 10m rectal palp standing-calm/relaxed/ accepting of procedure. Anus relaxed/dilated. Unable to completely evacuate lower colon w/enema. Placed in L lateral recumbency x 5min palp. Unfamiliar person performed entire procedure (vet tech) w/o vis/apprec reaction & w/o moving hindlimbs/showing sign of discomfort/stress. Bled from L auricular vein for continued progesterone monitoring. W/repeat procedure once/week. [[RA]]
30 Apr 2000	Medical/Rx/Tx note	Vet check. No vis change in nail, no signs of infection. Section to cont monitoring & w/alert vet staff if problem occurs. [[KJT]]
12 May 2000	Medical/Rx/Tx note	Trimmed crack/abscess area on #1 toenail, l/front foot. Removed rotted areas/opened hole up. Scrubbed area w/Betadine. Applied Furacin. W/take some time to harden up & grow out. Cont to monitor. Did some trimming on inside toenail, r/rear foot, also. [[MCS]]
17 May 2000	Medical/Rx/Tx note	Annual Px. BAR/well hydrated/active.TB sample collected per USDA protocol- sample frozen for submittal to USDA lab for culture once other 2 samples collected x3 days.Vacc/bled.Section to weigh at earliest opportunity. 3min wrm wtr enema followed by rectal palp standing-calm/relaxed/accepting of procedure. Anus relaxed/dilated. Unable to completely evacuate lower colon w/enema. Placed in recumbency x 3min palp-unfamiliar person performed entire proced w/o vis/apprec reaction; allowed vigorous palpation w/o moving hindlimbs-no sign of discomfort/stress. W/repeat weekly. Rechecked #1 toenail, L/front foot-resolving abscess. Area debrided by Section revealed somewhat tender ungular bed-tissue thickened, but responding to topical Tx. Cont daily Betadine UFN. [[RA]]
18 May 2000	Medical/Rx/Tx note	2nd day of TB trunk wash. Weighed.
19 May 2000	Medical/Rx/Tx note	CBC/Chem results in. 3rd day of trunk washes for TB check. [[RA]]
26 May 2000	Medical/Rx/Tx note	Palpation procedure completed w/o animal showing sign of discomfort/stress. Unfamiliar person performed most of procedure w/o vis/apprec reaction. 579=Section reports affected nailbed trimmed further. Resected to healthy ungular tissue & visible vascularization. Being Tx topically daily. [[RA]]
27 May 2000	Fecal check/worming	Routine fecal collection. [[DM]]
29 May 2000	Medical/Rx/Tx note	Vet exam. Abscess healing slowly, no further pus seen. Area still soft/a little painful on deep palpation. Crack growing out, w/abt 1/2 of nail growing from cuticle w/no crack. Section continues to trim freq & keep wt off nail as much as possible. Continue w/Betadine. [[KJT]]
16 Jun 2000	Medical/Rx/Tx note	Section reports animal consistently improving. Cont to monitor. [[RA]]
5 Jul 2000	Medical/Rx/Tx note	Section reports much improved w/each trimming session. Section w/advise vet of next trim for reassessment. Recheck opportunistically. [[RA]]
21 Jul 2000	Medical/Rx/Tx note	Vet check. Nail bed trimmed aggressively by Section. No visi/palp evidence of affected tissue. Ungular tissue apparently completely healed/developing normally. Cuticle clean/trimmed to growth bed w/o evidence of pathology/change. Consider resolved for pododermatitis, abscess, ungular infection. Resolved. Discontinue Betadine SID to nail pad #1 (pad & nails). on l/front foot. Has grown out well.
8 Aug 2000	Fecal check/worming	Routine fecal to hosp.
18 Aug 2000	Husbandry/management	0.2: chained facing yd due to concrete repair-ordinarily face elephant dip.
1 Oct 2000	Medical/Rx/Tx note	Appears to be favoring R/front leg (looks stiff at "wrist" & not bending all the time).
19 Oct 2000	Medical/Rx/Tx note	0.2: rectal palpation reconditioning/practice for ultrasound 21 Oct. Both did fine.

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20 Oct 2000	Medical/Rx/Tx note	0.2: Approx 15min warm wtr enema followed by 5min rectal palpation standing-calm/relaxed; accepting of procedure thruout, rectum dilated. Placed in left lateral recumbency; unfamiliar person/vet precptor to palpate. Remained relaxed, did not move hindlimbs. Palp completed w/little-no sign of discomfort. Proceed w/rectal ultrasound eval tomorrow.
21 Oct 2000	Medical/Rx/Tx note	Transrectal ultrasonography performed for breeding soundness exam by Dr. Dennis Schmitt. All reproductive structures visualized. Preliminary Dx: vagina/cervix normal. Uterus contained several small lesions suggestive of leiomyomas. Ovaries normal.
4 Nov 2000	Medical/Rx/Tx note	Final analysis by Dr. D. Schmitt=questionable breeding candidate for lesions seen listed prev.
21 Nov 2000	Fecal check/worming	Routine fecal to hosp.
26 Dec 2000	Medical/Rx/Tx note	Fire in elephant barn overnite-1 of the heaters exploded; the hot element pieces ignited their hay, which burned completely. Animals exposed to heavy smoke/fire. 579=dark soot both front legs/feet/face/trunk. Eyes watery/irritated-L eye most affected. Smoke smell noted on exhalation. Soot removed during bath-fully scrubbed down w/Betadine. Flourscein stain both eyes-didn't show any corneal ulceration. Bled for baseline CBC/Chem/blood gases. 2nd or 3rd degree burns w/skin sloughed off noted lateral L/rear leg/medial L/rear foot. Skin around R ankle where chains usually are warm/inflamed, but no real ulcers/blisters noted-she got her chains off at some time during the fire. Venous blood gas values WNL. Dx: smoke inhalation, skin burns, no evidence of metabolic imbalance from smoke inhalation. Tx: Bathe/check skin daily for new blisters. Monitor L eye closely for further problems. Collect blood daily for blood gases comparison to determine if any pulmonary side effects from smoke inhalation. Rx: Silvadene to open burned areas TID x7 days.
27 Dec 2000	Medical/Rx/Tx note	A lot of tearing from both eyes thruout day-wincing a lot/holding 3rd eyelids closed. Appeared that tip of trunk was sensitive-w/occasionally wince when touching things. Overall, seemed to be in discomfort most of day. New blisters appearing on hind leg-suspect they w/all open/start oozing. Kprs noted behav is quiet, head pressing, blepharospasm, epiphora noted bilaterally. Concocted Silvidene/DMSO/Dex/Lidocaine lotion to apply to open wounds/blisters. At midday Tx for burns, w/not approach barn. In afternoon, elephants given access to barn to see if they w/come inside-579 w/only come to doorway. At closeout, refused to come inside barn initially. Had to chain 038 1st, then go into yd to make 579 come in-she finally walked inside w/handler on each side coaxing her. Appeared fine once chained inside. Last nite, did not eat much of their hay.
28 Dec 2000	Medical/Rx/Tx note	Still seems in discomfort from burns/eye irritation. Still tearing a lot from eyes. Vet exam. More skin erosions/blisters erupting today, all still on L/rear leg. Still some inflamm occurring region of skin wounds. R/rear leg no longer warm to touch, skin wounds minor/static R leg. Blepharospasm/epiphora cont. Fluoroscein stain both eyes=bilateral corneal ulceration. Trunk tip not as sensitive today. Blisters R leg more severe than initially observed. Corneal ulcers of great concern. Discontinue eye oint, begin eye drops immed. Cont Silvidene/DMSO/Dexameth/Lidocaine concoction on skin wounds to hopefully help with pain/swelling. Rx: Naquasone PO SID x4 days. Gentamicin topically TID x7 days. Today, bled for blood gases-results normal. Given Naquasone analgesic. Very reluctant to come into barn at closeout-had to be backed into barn but took several minutes & both handlers working w/her. Forced air heater temporarily set up in tackroom blowing into barn until permanent heaters can be installed.
29 Dec 2000	Medical/Rx/Tx note	Vet exam. blistering/open wounds continue. A few new areas of blistering. Open wounds L side/hindleg abt same as yesterday altho skin did not feel warm. Wound on L /rear foot deeper than others-some dead tissue needs to be debrided. Has developed open wounds along edge of L ear. Eyes still tearing (more than 038); did not exam closely. Still pulling up her 3rd eyelids. Phone consult w/LSU ophthalmologist abt ocular problems=suggested we try autogenous serum in eyes-serum contains necessary macroglobulins to counteract any enzymatic degradation that can occur after thermal inj. Serum can also provide growth factors that may encourage epithelial repair. Also suggests we use different antib because Gentamycin less kind to damaged corneal tissue than other antib may be. W/discuss this w/staff. Blood gases showed no change in condition-all WNL. Both elephants cont to eat little hay at closeout. Tonite, offered them 2 bales of hay/1 bale alfalfa instead of regular 3 bales (amt x both elephants) hay. Temporary forced air heater hooked up last nite has provided adequate heat so far.
29 Dec 2000	Husbandry/management	Temporary forced air heater hooked up last night has provided adequate heat.
30 Dec 2000	Medical/Rx/Tx note	Ophthalmic exam by Dr. Glaze from LSU. No uptake of stain, either eye, but some residual corneal opacity, L eye. No damage to deeper structures. No uptake of stain suggests superficial cornea starting to heal, but stroma still damaged. Opacity indicates cellular infiltration/healing occurring. No long term



damage s/occur from this event. Cont antib/serum Tx on eyes, via syringe (minus needle); discontinue Gonisol. Skin wounds starting to heal, no new ones noted. Blood gases still normal, so won't be testing any further.

31 Dec 2000	Medical/Rx/Tx note	Vet exam. Wounds starting to heal well, no heat/inflammation noted at any sites. Eyes appear much more comfortable today. Taking her medicine well. Cont Tx as outlined.
1 Jan 2001	Medical/Rx/Tx note	Vet check. No heat in skin, eyes clear/bright, attitude better. Discontinue additives to Silvidene cream/just use Silvidene cream on burns. Cont eye Tx. Naquasone steroids completed yesterday. 02 Jan: vet check. Eyes/skin healing. No change since yesterday.
3 Jan 2001	Medical/Rx/Tx note	Vet check. Stained eyes=no uptake noted, no residual corneal opacity noted. No heat noted in skin wounds, all wounds slowly getting more shallow as they heal. Complete antib. Discontinue ophthalmic Tx. Tx skin wounds until healed. Rx: silver sulfadiazine topically BID UFN.
5 Jan 2001	Medical/Rx/Tx note	Vet exam. Skin healing well, no heat noted in any wounds. Cont to Tx w/Silvadene on burn wounds UFN. Elephants have both regained their appetite for hay. After being out in exhib last couple days, 579 has shown no reluctance at going into barn. 06 Jan: bloodwork from 26 Dec WNL.
8 Jan 2001	Foot management	0.2: froot trim on rear pads/nails.
12 Jan 2001	Medical/Rx/Tx note	Weighed. Vet recheck of skin. All burn wounds healing slowly. Very little heat noted in any skin. Scabs tight. Section w/cont to clean/apply Silvadene until completely healed.
15 Jan 2001	Medical/Rx/Tx note	0.2: sm red/firm mass found on floor near feces/urine. Unsure of origin (genital/urinary/reproductive). Firm/uniform on cut surface. Submit to lab for histopath to aid in diagnostics.
18 Jan 2001	Husbandry/management	Facilities/electrician, Becker Heating came to elephant barn to assess installation of new heater system.
23 Jan 2001	Medical/Rx/Tx note	W/discontinue Silvadene Tx UFN, as per hosp.
25 Jan 2001	Medical/Rx/Tx note	Continue Silvadene Tx on burn wounds 3 more days BID.
25 Jan 2001	Husbandry/management	Welder came to assess area where elephant heaters will be installed; will make protective covers for heaters.
28 Jan 2001	Medical/Rx/Tx note	End of topical Silvadene mixture Tx.
2 Feb 2001	Husbandry/management	Welder installed protective caging for new elephant barn heaters.
5 Feb 2001	Husbandry/management	Maintenance removed old quartz heaters from elephant barn ceiling.
8 Feb 2001	Husbandry/management	Joe the Welder installed a bracket in the metal cage for the new elephant heater to rest on.
9 Feb 2001	Husbandry/management	Electrician finished installing new forced air elephant barn heater.
12 Feb 2001	Medical/Rx/Tx note	Vet check of burn wounds. BAR; peripheral rim L ear has norm skin coming thru & pushing out scabs. L rear leg medial aspect of skin above digit 2 norm gray eleph skin color. Skin lesions all healed. No longer require vet monitoring.
17 Feb 2001	Fecal check/worming	Routine fecal to hosp.
1 Mar 2001	Husbandry/management	Electrician installed second elephant barn forced air heater-ran new conduit but still needs wiring-will do tomorrow.
6 Mar 2001	Husbandry/management	Electrician removed temporary heater from elephant tack room; will give back to Becker's.
13 Mar 2001	Enrichment	Tire added to exhibit-579 tried to kill it all afternoon (hung on chain next to keg).
10 Apr 2001	Medical/Rx/Tx note	0.2: have been maintained isolated in area w/increased precaution/limited visitor area contact as per AZA & AAZV Foot/Mouth Disease Guidelines to date. Discussed Guidelines w/GC, indicating general adherence by other natl/regl zoos. Strongly recommend adherence to guidelines as stated. GC felt risk minimal at present, & decided to allow elephants to participate in PM event tonite & Sunday's Mother's Day Walk event.
12 Apr 2001	Medical/Rx/Tx note	Section noted small pinpoint scabs along tail-suspect left over from thermal inj in Dec. Staff to clean daily w/Betadine, apply Silvidene/A&D ointment .
10 May 2001	Medical/Rx/Tx note	0.2: Have been maintained isolated in area w/increased precaution/limited visitor area contact as per AZA/AAZV Foot/Mouth Disease Guidelines to date. Vet discussed Guidelines w/GC, indicating general adherence by other natl/regl zoos. Strongly recommend adherence to Guidelines as stated. GC felt risk minimal at present; decided to allow elephants to participate in PM event tonite & Sunday's Mother's Day Walk event.
15 May 2001	Medical/Rx/Tx note	Annual Px. Overall in good condition. No problems noted by staff or on exam. Blood collected. Vacc w/rabies, Eastern/Western/Venezuelan encephalomyelitis toxoid. Trunk wash performed-repeat wash x2

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Report End Date
26-Jan-07



more days.

16 May 2001	Medical/Rx/Tx note	Trunk wash performed w/Saline for TB test. 17 May=last day of trunk wash for TB test.
21 May 2001	Medical/Rx/Tx note	CBC/Chem WNL.
27 May 2001	Fecal check/worming	Routine fecal check-negative.
29 May 2001	Husbandry/management	0.2: beginning nightly video monitoring next several days to observe behav on chains-in prep for getting them off chains at nite; want to reduce their time on chains to only a couple hrs/day.
30 May 2001	Behavior note	0.2: video from last nite showed that as they ate, they spent time playing/moving hay around followed by periods of head swaying. They each spent some time trying to get off their front leg chains w/o success. This activity occurred for most of nite. Finally, around 3AM, 038 laid down to sleep x abt 20min. 579 laid down to sleep abt 5AM x abt 1 1/4 hr.
31 May 2001	Behavior note	0.2: last nite's video taping showed some play sparring between them around midnite. They interacted x abt 1 hr. 579 worked at getting off her front leg chain & succeeded abt 3AM. After checking out back portion of barn, she came back in line facing dip & laid down to sleep-slept abt 2 1/2 hr laying on her side. 038 rested periodically putting her forehead on barn wall while standing. Eventually laid down to sleep briefly abt 5AM-staying down abt 15-20min. Both still observed swaying x various periods of time thruout nite.
1 Jun 2001	Behavior note	0.2: 3rd nite of videoing didn't have much interaction between them. More various periods of head swaying thruout nite. 579 got off her front leg chain abt 10PM-rested briefly w/head on pipes of tackroom door. At abt 3AM, 038 laid down to sleep for abt 10min. Most of the nite she w/rest standing up w/her forehead leaned against the wall. At abt 3:40AM, 579 laid down to sleep; she stayed on her side for abt 2hr. 20min.
2 Jun 2001	Behavior note	0.2: nite 4 of video taping. Little interaction between them. Both spent lots of time swaying. 579 got off front chain abt 9PM & ate intermittently until 1AM, then laid down on L side x3 1/2hr. 038 spent her time swaying or resting head on wall-slept x 1 3/4hr.
3 Jun 2001	Behavior note	0.2: day 5 of nocturnal video monitoring. Both laid down 2x thruout PM for total of 1 1/2 hrs of sleep each. 579 off chains very early on, abt 7-8pm. Both swayed a lot w/several breaks of resting w/head on wall (038) & trunk on pipes (579).
12 Jun 2001	Behavior note	0.2: at closeout, began giving them access to exhib yd at nite to reduce time on chains. Brief chaining w/be part of AM routine before zoo opening. Altho no videocamera set up yet for exhib yd, barn w/be video monitored x several days to see if they w/still use barn & how often. 1 handler w/stay until abt 9PM each nite this week to monitor behav.
13 Jun 2001	Behavior note	0.2: last nite's watch until 9:30. Observed elephants being very relaxed w/no head swaying behav seen. 1st couple hrs spent eating in barn, then they ventured into yd. 038 played w/chime, 579 ate some bamboo browse. Overnite video showed them spending only brief period in barn at any 1 time (10-45minutes max). Guess they spent 35% or less of their time in barn. Both outside for abt 2hrs (2-4AM). May have laid down to sleep in yd during this time? Again, when time spent in barn, no head swaying observed on tape.
14 Jun 2001	Behavior note	0.2: routine weighing. Overnite video/last nite's watch showed similar behav as day 1-relaxed, no head swaying, staying in barn 35% or less. This AM, appeared that 1 (probably 579) laid in yd at some point to sleep, as there was a lg crater/body impression seen in sand. 579 observed playing w/log piece in barn on a couple occasions. Last 2 nites they have managed to get their barn drain covers off by wedging their leg chains in slats & pulling up-so it appears. Tonite their chains w/be connected together so they can't play w/them.
15 Jun 2001	Behavior note	0.2: overnite video/last nite's watch showed they spent a little more time in barn than last few nites (abt 55%), but were still observed as calm/relaxed. Time spent in barn was to eat/drink. 038 played w/leg chains near barn drain covers, but because chains were connected, she c/not wedge them in drain covers; therefore covers were in place this AM. 038 also observed playing w/chime in yd x abt 20min. Again this AM, body impressions/craters observed in yd to indicate they probably slept in yd briefly.
16 Jun 2001	Behavior note	0.2: overnite video/last nite's watch showed similar behav consistent w/prev nites-spent 40-50% of time in barn-barn time mostly for eating/drinking-enjoying browse given So far no compliance issues w/their handlers-elephants have been behaving w/in normal expectations.
17 Jun 2001	Behavior note	0.2: last nite overnite video similar behav as prev nites. 579 did sleep in barn abt 1 1/2hrs, otherwise lots of in/out stuff. Only a couple min of brief pacing in early AM by 579-probably due to waiting for staff to



arrive.

29 Jun 2001	Behavior note	0.2: last couple nites Staff have been video taping their activity in exhib yd overnite-flood lite set up next to yd to provide a good picture on camera. Videos show they have spent only 20-25% of their time in yd. Activities have included playing w/chime & lock to moat gate. No sleeping observed outside (maybe due to flood lite?). Videotaping w/occur x a few more nites. Elephants continue to be relaxed/content w/expanded free time.
7 Jul 2001	Medical/Rx/Tx note	0.2: Eye exam by Dr. Gray (LSU School of Vet Med). 579=mild nuclear schlerosis; unable to slit lamp (c/not get her to hold head steady) but no cataracts visible & adnexa/anterior chamber appeared normal. Section Report=mild cloudiness usually seen in animals as they age (sclerosis).
4 Aug 2001	Enrichment	0.2: given a deer hide for enrichment. They were VERY excited. Lots of trumpeting & vocalizations. 038 tried to kick it & smash it into the sand. 579 was afraid of it & wouldn't approach it.
13 Aug 2001	Husbandry/management	0.2: due to contruction on barn floors, left outside overnite & taken to sectioned off area next to sealion filtration during day, mostly afternoons for shade. W/remain outside w/o access to barn x3 days.
16 Aug 2001	Fecal check/worming	Routine fecal taken.
21 Aug 2001	Fecal check/worming	Resubmitted fecal samples to hosp.
30 Aug 2001	Research obs/procedure	0.2: bled from L pinna for serum banking, as per original reproductive hormone assay protocol. W/continue to bleed periodically for data collection/continuity.
14 Sep 2001	Medical/Rx/Tx note	Routine weighed=9100 lbs. 15 Sep=reweighed as 9300 lbs. Yesterday having difficulty w/scale placement & elephant wt dispersal. Wt fluctuated. Therefore, decrease in wt not a concern; animal in good condition/behavior, appetite good. Section trimmed pads on both front feet; filed nails on L front.
2 Oct 2001	Medical/Rx/Tx note	0.2: Dr. Miller (Aqua vet) took xrays of front feet as per SSP recommendations. 579=very minor arthritic changes noted, both 3rd phalanxes. No other changes noted.
17 Oct 2001	Medical/Rx/Tx note	0.2: begin routine blood drawing for hormone assay banking again-w/do bi-weekly instead of weekly this time. Blood drawings w/be per SSP recommendations & AZA elephant management recommendations.
7 Nov 2001	Medical/Rx/Tx note	Routine weighing. 05 Dec=routine weighing.
15 Jan 2002	Medical/Rx/Tx note	0.2: weighed-scale maxed out at 10,000lb. Note: new scales used & are to be used from now on; no longer using old truck scales.
16 Jan 2002	Medical/Rx/Tx note	Has torn skin on tip of trunk. Vet notified; will check tomorrow. 17 Jan=evaluated by vet for skin abrasion, dorsal tip of trunk. A flap of skin was attached. Wound cleaned, flap removed without complication. Silvadene applied. Just monitor-she doesn't seem to be bothered by it.
23 Jan 2002	Medical/Rx/Tx note	Bled from L ear for serum banking. 06/22 Feb=bled from L ear for serum banking.
17 Feb 2002	Fecal check/worming	Routine fecal to hosp.
26 Feb 2002	Medical/Rx/Tx note	routine weighing - still tops the 10,000 scale at 10,000 lbs ++.
1 Mar 2002	Enrichment	038/579: shapes/symbols drawn in chalk on barn floor/walls as enrichment. Both checked all shapes & even tried to pick some up.
20 Mar 2002	Enrichment	Enrichment: used to pull large logs down the back road for maintenance to back gate.
19 Apr 2002	Medical/Rx/Tx note	Weighed, using 2 scales (hosp/ACRES). Weights from each scale added tother, for estimated weigh. Scales not calibrated, so weight is estimate, using #038 as the control. Had foot trim on R rear foot pad/nails.
25 Apr 2002	Quar/routine/preship Px	0.2: annual Px at hospital. Bled, trunk wash SID x3 days for SSP protocol/TB project. Ultrasound taken of chest cavity for Harvard study/respiratory reseach.
26 Apr 2002	Quar/routine/preship Px	0.2: trunk was sample taken (SSP protocol for TB project). 27 Apr=as on 26 Apr. 3 May=CBC/Chem results WNL.
15 May 2002	Fecal check/worming	Fecal sample to hosp because of loose stool.
16 May 2002	Medical/Rx/Tx note	Routine bleed for serum banking.
18 May 2002	Fecal check/worming	Yesterday's fecal on 038 had Cestodes, so doing a recheck on both elephants before treating.
21 May 2002	Husbandry/management	0.2: busted up the top portion of rockwork by pool wash down area (approx 3x6' area). Rebar/lathe exposed. To be repaired tomorrow-elephants locked insdie barn overnight.
22 May 2002	Husbandry/management	0.2: kept in barn most of day & overnight due to rockwork repair.
24 May 2002	Enrichment	0.2: a very large log was added to yard for eating/scratching. The 6-7' section of pecan tree from Monkey Hill tree house was chained to exhibit yard side gate because 579 started shoving/rolling it around yard.



Both elephants appeared to have a good time with it-removing rotted insides from it's 3-4' diameter.

6 Jun 2002	Fecal check/worming	Resubmitted fecal, per hosp request.
6 Jun 2002	Medical/Rx/Tx note	Not weighed-she tops out the 10,000lb scale.....
9 Jun 2002	Medical/Rx/Tx note	0.2: bled for serum banking.
12 Jun 2002	Enrichment	0.2: given frozen fruit pops on a chain; good enrichment x 30min.
3 Jul 2002	Medical/Rx/Tx note	0.2: begin bleeding weekly instead of bi-weekly to further AI investigation - for 038 especially.
8 Jul 2002	Enrichment	0.2: given a bowling ball to play with this afternoon. Both seemed to enjoy playing with it.
31 Jul 2002	Medical/Rx/Tx note	Bled as per protocol for serum banking.
19 Aug 2002	Enrichment	0.2: given a new wind chime. Both very interested in it-579 especially had a good time roughly clanking it around.
22 Aug 2002	Fecal check/worming	Fecal sample submitted to hosp for loose stool. One strongile found during fecal test. No Tx prescribed. Will monitor.
5 Sep 2002	Medical/Rx/Tx note	0.2=bled for serum banking.
10 Sep 2002	Enrichment	0.2: CD of Baton Rouge elephants' sounds today. They seemed a little frightened, but curious, running in/out of the barn repeatedly.
11 Sep 2002	Medical/Rx/Tx note	0.2: bled for serum banking.
28 Sep 2002	Medical/Rx/Tx note	Bled for serum banking.
4 Oct 2002	Medical/Rx/Tx note	0.2: bled for serum banking. 0.2 also bled for serum banking on 9 Oct.
16 Oct 2002	Medical/Rx/Tx note	Bled, per protocol.
23 Oct 2002	Enrichment	0.2: taken into B8 exhibit this afternoon for enrichment. All went well & there was very little reaction from the birds. Will try to make this a regular routine.
24 Oct 2002	Medical/Rx/Tx note	0.2: bled for serum banking. Also bled on 30 Oct, 06 Nov.
8 Nov 2002	Fecal check/worming	Routine fecal submitted.
15 Nov 2002	Medical/Rx/Tx note	Bled by keepers, as per protocol.
6 Dec 2002	Medical/Rx/Tx note	0.2: bled by preceptor for serum banking. 18 Dec=bled for serum banking as per protocol. 27 Dec=bled by Keeper for serum banking as per protocol.
27 Dec 2002	Medical/Rx/Tx note	While drawing routine blood, observed several Tablespoons of white/opaque discharge coming from R ear. Had only slightly pungent odor. Sample to hosp. Seems fine otherwise.
28 Dec 2002	Medical/Rx/Tx note	Bacteria found in sample taken from R ear yesterday. Today, Hosp took cultures from both ears for further exam. Hosp will reassess pending consult with SSP advisor regarding Tx/diagnosis; ear canal does seem sensitive to the touch.
2 Jan 2003	Medical/Rx/Tx note	Bled from L ear by Keeper for serum banking. R ear canal still has small amt dried exudate. 3 Jan=culture results from ear-normal flora.
17 Jan 2003	Medical/Rx/Tx note	Bled for serum banking as per protocol. Also bled on 23 Jan, 08/12/22 Feb.
26 Feb 2003	Fecal check/worming	Routine fecal to hosp.
1 Mar 2003	Medical/Rx/Tx note	0.2: bled as per ongoing protocol. Also bled on 8 Mar.
10 Mar 2003	Medical/Rx/Tx note	Per Section, R ear no longer has discharge. Resolved.
14 Mar 2003	Medical/Rx/Tx note	Bled for serum banking as per protocol. 21 Mar=attempted protocol bleed.
16 Apr 2003	Medical/Rx/Tx note	Bled for serum banking, as per protocol.
14 May 2003	Medical/Rx/Tx note	Annual Px. Eyes, ears, teeth checked, heart listened to-all visible/palpable systems WNL. Inhouse blood results WNL-healthy animal. Schedule trunk wash for culture.
3 Jun 2003	Medical/Rx/Tx note	0.2 038/579: trunk wash performed. Bloodwork returned WNL. 15 Aug=final culture results negative for mycobacteria.
4 Jun 2003	Medical/Rx/Tx note	Received 2nd trunk wash. 5 Jun=received 3rd/last trunk wash for TB testing.
26 Jun 2003	Medical/Rx/Tx note	Walking with stiff front R leg. Pain appears to be in carpal joint. Also stiff in R rear leg, as it is difficult for her to perform behaviors that require rear kneeling behaviors. Pain appears to be in knee or hip area. 27 June=Hosp to assess reported lameness during AM feed tomorrow.
28 Jun 2003	Medical/Rx/Tx note	Vet checked for soreness on R rear & R front leg. She will receive 3 Txs of "Bute", once/day x3 days. 1st Tx given today.

Report Start Date
01-Jan-00

Specimen Report for AUDUBON / 579

Report End Date
26-Jan-07



30 Jun 2003	Medical/Rx/Tx note	Completed 3 day Tx of Bute for arthritis. Moving well with very little stiffness in either front or rear right legs.
2 Jul 2003	Medical/Rx/Tx note	While trimming her nails, discovered 2 very deep cracks in #1 nail, R front foot. Vet checked. Rx=epsom salt soaks & Betadine Tx x7days to prevent infection/abscess. Also, bled today for serum banking as per protocol.
12 Jul 2003	Medical/Rx/Tx note	Vet checked bad nail (front right outside nail). It appears better & Vet will recheck during footwork 14/15 July. Epsom salt soak & Iodine Tx ended today. 15 July=Vet rechecked right front toe problem. Wound improving, no lameness. Continue current soaking Tx x1 more week.
17 Jul 2003	Medical/Rx/Tx note	Bled as per protocol.
24 Jul 2003	Medical/Rx/Tx note	Vet recheck for wound, right front foot-healed. Consider resolved. 31 July=bled for serum banking as per protocol.
16 Aug 2003	Medical/Rx/Tx note	Bled for serum banking as per protocol.
23 Aug 2003	Fecal check/worming	Routine fecal to hosp.
11 Sep 2003	Husbandry/management	0.2 038/579: taken for after hours walks tonight for enrichment. Will become a weekly routine.
19 Sep 2003	Medical/Rx/Tx note	Bled for serum banking as per protocol.
13 Nov 2003	Enrichment	0.2 038/579: given new enrichment log feeder today with mixture of produce in it. 579 especially enjoyed knocking it around, but had to be supervised or otherwise it would have been crushed under her foot.
29 Nov 2003	Medical/Rx/Tx note	Has stiffness and swelling in her front right leg. Vet checked: Lamesness front right; weight bearing; prescribed Phenylbutazone orally for 3 days, section to monitor (no shows for the weekend) Vet will recheck on 02Dec03, recommend radiographs to be taken. (bv)
1 Dec 2003	Medical/Rx/Tx note	Completed Phenylbutazone Tx for soreness; Vet will check 02Dec03. (bv)
2 Dec 2003	Medical/Rx/Tx note	Vet rechecked front R foot, looked improved. Continue light workouts for 1 week, xrayed. Did not come out very well. Will try again tomorrow. (bv)
3 Dec 2003	Medical/Rx/Tx note	Dr. Bob took more rads of her R front foot. Rads turned out better. Bones near the wrist appear to have some changes showing some mild/moderate arthritis. Wants to take some more rads to be sure. No Tx at this time. Monitor and reassess periodically. (bv)
26 Dec 2003	Medical/Rx/Tx note	0.2 038/579: Bled for serum banking as per protocol. (bv)
7 Jan 2004	Foot management	Vet checked crack on R front outside nail, recommends cleansing, trimming and topical treatment. Staff will do some more trimming on it to prevent further cracking & promote healing - vet to recheck 08Jan04. (bv)
8 Jan 2004	Medical/Rx/Tx note	Keeper trimmed nail on right front foot to prevent further cracking & to allow drainage/keep area dry. Vet prescribed Nolvasan/Iodine Tx until further notice. The nail has already hardened from 6 Jan trimming & should grow out fine with lots of TLC. Also, outside nail on left front foot trimmed today.
12 Jan 2004	Enrichment	0.2 579/038: Christmas tree given to the elephants for enrichment.
15 Jan 2004	Medical/Rx/Tx note	Vet visual recheck of right front foot outside nail. Looks good, improving. Consider resolved until regrowth complete. Section will continue trimming & iodine flushes UFN.
13 Feb 2004	Medical/Rx/Tx note	Routine fecal to hospital.
26 Feb 2004	Medical/Rx/Tx note	Bad crack on right front outside nail beginning to grow out & looks better. Staff will continue Iodine Tx until further notice.
27 Feb 2004	Enrichment	0.2 038/579: each given a feeder log (hard plastic log with holes in it for treats) for enrichment. Both enjoyed them; 038 smashed hers in, but it popped out later.
9 Mar 2004	Foot management	Front right outside nail trimmed. (bv)
12 Mar 2004	Diet/feeding notes	0.2 579/038: Introduced bahia hay into the diet because of past poor hay quality with the bermuda hay. Elephants are now eating timothy hay and bahia hay. They readily eat the timothy hay and consumed the bahia hay we hgave them last night and today (1/2bale). (bv)
17 Mar 2004	Diet/feeding notes	0.2 579/038: Were tried on a new shipment of Bahia hay, but they did not like it. Keepers will continue feeding Timothy hay. (bv)
17 Mar 2004	Human	0.2 579/038: keepers worked on re-tuning of elephant show, particularly the "lie down" portion. (bv)
25 Mar 2004	Medical/Rx/Tx note	Routine blood collection.

Report Start Date
01-Jan-00

Specimen Report for AUDUBON / 579

Report End Date
26-Jan-07



12 Apr 2004	Enrichment	0.2 038/579: given a new beer keg chained to new rock in elephant yard. (for enrichment)
15 Apr 2004	Enrichment	0.2 038/579: taken out after 5PM, for hang time in the zoo.
20 Apr 2004	Medical/Rx/Tx note	Discharge from R nipple collected, taken to hospital. Hosp also took a swab of the nipple for analysis.
22 Apr 2004	Research obs/procedure	Routine blood draw.
22 Apr 2004	foot/bek/toth/wng-care/mgt	Right rear pad & nails trimmed.
24 Apr 2004	Enrichment	0.2: pulverized, smeared, eviscerated, mangled, annihilated a female red eared slider/eastern river cooter inside the exhibit. 038 is prime suspect, as 1 of her bloody footprints was found at the scene.....eggs were found with parts of the body. We will call this enrichment.....
24 Apr 2004	Enrichment	0.2: given plastic feeder log with produce on exhibit. Both ate all the produce & then 038 spent much of afternoon kicking it around exhibit. 2579 tried to smash hers & speared it with her tusks. Visitors seemed to enjoy. (enrichment)
24 Apr 2004	Medical/Rx/Tx note	Final secretion analysis returned with no microorganisms observed. Consistent with mammary gland secretion. DDx: pseudocystis, other. Section to monitor for change.
30 Apr 2004	Enrichment	0.2 038/579: given 2 medium size tires today for enrichment. Both really enjoyed throwing them around, kicking/stomping them.
5 May 2004	Research obs/procedure	Routine blood draw. Monthly sample taken early because of upcoming physical.
5 May 2004	Medical/Rx/Tx note	Weighed. Declining trend probably due to change in seasons which allows for more walks/activities.
12 May 2004	Research obs/procedure	Routine blood draw taken by hospital. 17 May=bloodwork results within normal limits.
13 May 2004	Foot management	Pad & nails on right front foot trimmed.
18 May 2004	Quar/routine/preship Px	Annual exam and trunk was for TB. Eyes, ears, mouth, heart checked. Most visible/palpable systems within normal limits. Right front foot nail cracked near cuticle; area does not seem to be causing any discomfort & Section is monitoring. 19 May=day 2 of trunk wash for TB testing. 20 May=3rd/final day of trunk wash.
19 May 2004	Foot management	Front left pad and nails trimmed.
21 May 2004	Medical/Rx/Tx note	Appears to have some stiffness in left rear leg. Vet check=hesitant to support full weight on hind limbs, hesitant to flex left hind. Suspect recurrence of arthritis. Rx: anti-inflammatory x5 days, beginning 22 May. Section to monitor for gastric upset due to meds. Reassess 27 May.
22 May 2004	Medical/Rx/Tx note	Blood results within normal limits, consistent with chronic arthritis. Will consult re: treatment.
26 May 2004	Medical/Rx/Tx note	Final day of anti-inflammatory for stiffness in left rear leg.
28 May 2004	Medical/Rx/Tx note	Reluctant to flex/extend right carpus; suspect recurrent arthritis. Plan to Xray tomorrow. 29 May=remains stiff in rear legs; appears to be right rear leg that is bothering her. Vet exam. Multiple radiographs of tarsus/phalanxes attempted. Numerous views reveal moderate to severe hyperostosis in all tarsal margins. Moderate to severe arthritic change suspected. Continue to monitor/contact Dr. Mikota regarding consultant rheumatologist.
1 Jun 2004	Medical/Rx/Tx note	Consult with Dr. Hubert (LSU Equine Med/Sx). Recommended initiating prolonged oral therapy with anti-inflammatory/analgesic properties. 03 June=will receive 100g glucosamine orally once/day until further notice for arthritis.
3 Jun 2004	Research obs/procedure	Routine blood draw.
3 Jun 2004	Foot management	Right front outside nail trimmed. 09 June=nails on both rear feet filed. 29 June=trimmed pads/nails on rear feet. 30 June=right front outside nail trimmed.
30 Jun 2004	Research obs/procedure	Routine blood draw.
5 Jul 2004	Medical/Rx/Tx note	Section reports somewhat improved since beginning glucosamine Tx. Continue supplement.
6 Jul 2004	Foot management	Outside nail on front right foot filed. 08 July=right front pad and nails trimmed. 09 July=front left pad and bottoms of nails trimmed and filed.
14 Jul 2004	Research obs/procedure	Routine blood draw by hospital.
19 Jul 2004	Medical/Rx/Tx note	Weight=9730 lbs, down 370 lbs from 5 May. Staff pleased with weight reduction, which is probably due to high activity this time of year.
31 Jul 2004	Medical/Rx/Tx note	0.2: final trunk wash culture results negative. Consider resolved.
5 Aug 2004	Research obs/procedure	0.2: bled for serum banking as per protocol.



10 Aug 2004	Foot management	Trimmed nails on left rear foot and right front foot.
14 Aug 2004	Enrichment	0.2: new giant log moved into yard and old one removed. (enrichment)
17 Aug 2004	Medical/Rx/Tx note	0.2: scrubbed today and mineral oil applied to aid with dry skin.
25 Aug 2004	Husbandry/management	0.2 038/579: spent most of day in old bison yard while work being done in their exhibit. Had a great time eating/ripping up vegetation.
27 Aug 2004	Enrichment	0.2 038/579: given a new very large Boomer Ball today for enrichment. 038 especially enjoyed kicking it around the exhibit (including the pool) and sitting on it.
29 Aug 2004	Medical/Rx/Tx note	Large swelling found on belly/stomach area. Vet checked; found edema 16" long x38" wide; blood/urine samples taken. Otherwise animal bright/alert/responsive. Reassess pending lab results. 31 August=bled for follow up to edema bloodwork on 29 August. 19 September=bloodwork results within normal limits, but shows some edema. Discussed with Section; Section to submit urine sample/monitor.
1 Sep 2004	Foot management	Nails on both front feet trimmed/filed.
22 Sep 2004	Research obs/procedure	Bled for serum banking, per protocol.
23 Sep 2004	Foot management	Footwork today=all front nails filed. 28 Sept=rear nails trimmed on both feet.
28 Sep 2004	Enrichment	038/579: both enjoyed hang time in B8 this afternoon.
1 Oct 2004	Foot management	Nail #1 on right front foot and nails #1&2 on left front filed/trimmed.
7 Oct 2004	Medical/Rx/Tx note	038/579: weighed. Since 19 July 579 has gone up 470 lbs to 10,200 lbs. 038 has gone up 630 lbs to 7200 lbs. Not sure of cause of weight gains, as exercise/diet have not changed since July. Staff will monitor.
12 Oct 2004	Foot management	Filed nails on front feet.
15 Oct 2004	Enrichment	0.2: given bowling ball for enrichment. Both enjoyed kicking it around and 579 managed to crack it in half. Fun, fun!
20 Oct 2004	Medical/Rx/Tx note	Keeper reports animal colicky x7 days duration. Given mineral oil by Section. Reassess and repeat mineral oil Tx tomorrow. Fecal sample submitted.
22 Oct 2004	Medical/Rx/Tx note	Vet checked for soreness in right front foot (noted while on long walk yesterday). Appears to be slightly swollen. She seems to be favoring it while walking/standing. Recheck tomorrow with Xrays. Keepers report her colic appears resolved.
23 Oct 2004	Medical/Rx/Tx note	Vet check. Visibly lame, right front limb. Suspect recurrent arthritis/DJD as result of exercise for recent "colic" episode. Rx: anti-inflammatory orally once/day x5 days. Is also on limited duty for shows/activities. Section will monitor.
27 Oct 2004	Medical/Rx/Tx note	Finished 5 day once/day anti-inflammatory Tx for soreness/inflammation in right front leg.
3 Nov 2004	Behavior note	On AM walk, was spooked by something. She trumpeted & spun around, backing up into bushes. Keepers did not see, hear, smell anything unusual. She was calmed down and completed her 2 laps very smoothly. (No bushes were permanently harmed in this incident.)
3 Nov 2004	Foot management	Front nails trimmed today. 09 November=all left rear foot nails trimmed. Outside nail on left front foot trimmed.
8 Nov 2004	Enrichment	0.2: given chopped produce and pumpkins on exhibit for enrichment. 10 Nov=given hang time in B8 yard for about an hour this afternoon.
11 Nov 2004	Research obs/procedure	Routine blood draw.
13 Nov 2004	Medical/Rx/Tx note	Has an abscess on her left front outside nail. Vet checked. Section trimmed, cleaned, gave Epsom salt soak. Section to continue Nolvasan flush and Epsom salt foot soaks 2x/day and monitor, attempt culture swab. Vet will reassess 15 Nov.
15 Nov 2004	Medical/Rx/Tx note	Vet recheck in holding for abscess, left front foot. Xrays taken on left front outer nail. No sign of pus. Does not appear that abscess has moved farther up the foot than the top of the nail. All appears OK. 16 Nov=#1 and #2 nails, left front foot and #1 nail on right front foot trimmed/filed. #1 nail, left foot (nail abscess) - no pus seen since 12 Nov. Nail hardening up, looks OK. 17 Nov=rear nails/pads trimmed.
18 Nov 2004	Medical/Rx/Tx note	Vet recheck of left front foot - no lameness. Left front nail looks much improved. Xray from 15 Nov revealed problem went above nail; exam today shows area above nail has hardened, appears to be



		healing. Section to continue soak Tx, reassess 24 Nov.
19 Nov 2004	Enrichment	0.2: for enrichment, 038/579 given large sheet of paper with paint on it. Neither interested in painting, but plenty of attempts to eat the paper were made.
21 Nov 2004	Medical/Rx/Tx note	Opportunistic Vet recheck of left front foot-improving. Last foot soak due tomorrow, then discontinue. Reassess 24 Nov. 22 Nov=completed 10 day Tx of Epsom salt/Betadine soak for infected nail. Filed all nails on both front foot. #1 nail on left front foot (bad nail) trimmed as well.
26 Nov 2004	Medical/Rx/Tx note	Vet checked bad nail today; nail healing well. 27 November=left front outside nail trimmed. 30 November=left front nails trimmed as well as right front outside nail.
30 Nov 2004	Enrichment	0.2: moved large logs out of contact area into the exhibit using their harnesses.
6 Dec 2004	Note	0.2: Section reported to Hospital that animals may have ingested parts of a microphone/approximately 25' of copper cord. Administered 1 gallon mineral oil to each animal. Animals bright/alert/responsive, passing stool. Section to monitor, bleed for copper levels in 1 month.
7 Dec 2004	Foot management	Nails and pads trimmed on front feet.
8 Dec 2004	Note	0.2: routine weighing. Both began passing pieces of microphone cable that was eaten on Sunday night - pieces coming out, not long strands. Will continue to monitor.
10 Dec 2004	Foot management	L/front nails 1&2, R/front #1 nail and R/rear #4 nails all trimmed/filed. 15 Dec=foot work; all nails filed, front and rear.
17 Dec 2004	Research obs/procedure	0.2: routine blood draw; from L ear vein by Vet preceptor for serum banking.
28 Dec 2004	Foot management	0.2: all nails on both front filed/cleaned.
1 Jan 2005	Medical/Rx/Tx note	Chipped her right tusk today. Nerve not exposed. Filed/shaped to remove rough edge.
3 Jan 2005	Foot management	Rear pads/nails trimmed. 06 Jan=front feet filed. Routine blood draw.
6 Jan 2005	Research obs/procedure	0.2 bled by Vet preceptor for copper levels and serum banking as per protocol. Bleed 038 again 13 Jan and 579 in a month.
13 Jan 2005	Foot management	Nails/pads on both rear feet trimmed. 04 Feb=right front outside nail filed.
4 Feb 2005	Research obs/procedure	Routine blood draw taken by hospital.
18 Feb 2005	Foot management	Filed nails and some trimming to right front foot. 28 Feb=foot trim on right front foot outer nail.
3 Mar 2005	Necropsy/carcass notes	Right front outside nail feels soft. Cracks filed and Section will continue with Nolvasan soaks/iodine scrubs 2x/day. Hospital notified and Vet checked-chronic (suspect fungal) infection.
4 Mar 2005	Enrichment	0.2 038/579: given 2 large backhoe tires to enjoy (enrichment). Both roared and got really excited. 038 was guarding all 3 tires (2 new ones and her own).
7 Mar 2005	Medical/Rx/Tx note	Treated abscess on right front outer nail. Trimmed nails on both front feet.
10 Mar 2005	Enrichment	0.2: walked in afternoon down the back road.
11 Mar 2005	Medical/Rx/Tx note	Vet check. Recurrent problem with right foot, digit 4. Section to discontinue soaking to allow nail to harden, continue aggressive scrubbing with dilute iodine solution. Vet to reassess 18 Mar. Outside nails trimmed on both front feet.
15 Mar 2005	Enrichment	0.2: had a lot of fun with their Boomer Ball in the barn this afternoon, kicking it around, hitting it against the wall and playing "soccer" with handlers. (enrichment)
17 Mar 2005	Medical/Rx/Tx note	Copper results back = within normal limits.
18 Mar 2005	Research obs/procedure	0.2 038/579=routine blood draw taken by hospital for serum banking, per protocol. .
18 Mar 2005	Medical/Rx/Tx note	Vet checked right front outside nail - pleased with the progress, seems much improved, healing normally. Reassess 25 March.
21 Mar 2005	Medical/Rx/Tx note	0.2: nails and cuticles on all 4 feet cleaned/filed.
29 Mar 2005	Medical/Rx/Tx note	Recheck/rads of both front feet. Good baseline views. Add rads of hind feet/hocks to annual physical. Injured nail, right front foot, is improved. Section to monitor, reassess opportunistically.
30 Mar 2005	Foot management	Trimmed pads/nails on rear feet. Nails on both front feet filed on 31 March.

Report Start Date
01-Jan-00

Specimen Report for AUDUBON / 579

Report End Date
26-Jan-07



14 Apr 2005	Foot management	Front nails filed on both feet.
15 Apr 2005	Medical/Rx/Tx note	0.2: blood drawn.
20 Apr 2005	Medical/Rx/Tx note	Routine weighing on truck scale. Will weigh again soon on 4-point scale.
27 Apr 2005	Foot management	Filed both outside nails on both front feet. 04 May=front nails filed on both feet. 10 May=left front pad and nails trimmed. 20 May=trimmed outside nails on both front feet & right rear nail #4/left rear nail #2.
21 May 2005	Enrichment	0.2 038/579: both had faces and trunks painted for Asian Pacific Festival. Each had a head garland and a blanket on their back as well. Elephants were very well behaved and public really enjoyed. The decorations stayed on until the 12:00 show.
24 May 2005	Medical/Rx/Tx note	Given annual physical, trunk wash, TB test. Eyes, mouth, ears checked. All visible/palpable systems within normal limits. Unsuccessful bleed attempt; Section to opportunistically bleed. 25 May=trunk wash #2 of 3. Bled as per protocol. 3rd of 3 trunk washes done 26May. 29 May=bloodwork results within normal limits. TB results neg.
28 May 2005	Enrichment	Given large barrel in exhibit. 038 had a great time kicking it around the exhibit and in the pool all afternoon.
7 Jun 2005	Medical/Rx/Tx note	0.2 038/579: hospital performed trunk wash for culture (last sample contaminated). Will repeat on next 2 days. 2nd wash done 8 June and 3rd/last on 9 June.
10 Jun 2005	Foot management	Nails filed on both front feet. On 16 June, trimmed pads and nails on both front feet.
18 Jun 2005	Enrichment	0.2 o038/579: given cantaloupes for cantaloupe squash after 3PM show. They loved it and it was a hit with the crowd.
21 Jun 2005	Research obs/procedure	Routine blood draw.
24 Jun 2005	Foot management	Filed left rear pad. 28 June=filed right rear pad and nails on both front and rear.
3 Jul 2005	Enrichment	0.2 038/579: given a keg with cut produce inside. Both spent most of the afternoon kicking it around to retrieve produce. 06 July=heavy storm last night. Elephants pulled trees from moats in Asian Domain and Primates.
15 Jul 2005	Medical/Rx/Tx note	0.2 weighed. 038 down 364 lbs, 579 down 300 lbs since 20 April 2005. This is desirable and could be due to active summer season.
16 Jul 2005	Medical/Rx/Tx note	Stiff in right front leg. Section has omitted kneeling/stretching from her routine, until further notice. Vet visual check in enclosure-favoring right front carpal area; unwilling to flex, area hot to touch. Recommend rest, avoiding flexing joint. Section to reassess after 24 hours. Will treat if no improvement. If needed, RX=NSAID/anti-inflammatory orally 1x/day x3 days, beginning tomorrow.
17 Jul 2005	Medical/Rx/Tx note	Began 3 day dose of Phenylbutazone tablets (5g/3days) for stiffness in right front carpal joint. 19 July=final day of treatment for stiff leg. Seems to be feeling better, but Section still avoiding kneel behavior.
19 Jul 2005	Foot management	Filed front nails.
20 Jul 2005	Medical/Rx/Tx note	Vet check. Right front much improved; mobility better, no swelling. Section to continue resting x7 days total. Reassess 26 July.
20 Jul 2005	Research obs/procedure	Routine blood draw taken by Hospital.
21 Jul 2005	Medical/Rx/Tx note	Vet checked her leg yesterday, said she looks better. Section began kneeling her again today and she does it without hesitation. 29 July=Vet took some baseline radiographs of feet. All within normal limits except arthritis in right front. Checked for lameness-suspect arthritis.
27 Jul 2005	Medical/Rx/Tx note	Screening rads taken of right front and left front as part of AZA standards for management of elephants.
30 Jul 2005	Foot management	Filed right front #1 & 2, left front #1 (outside) nail. 03 August=filed nails/pads on all feet.
4 Aug 2005	Medical/Rx/Tx note	Baseline rads of left front leg/foot taken as per AZA standards request-all within normal limits. Monitor, reassess/rad weekly.
15 Aug 2005	Enrichment	038/579: taken to old Bison yard this afternoon
17 Aug 2005	Foot management	#1 and #2 nails filed on both front feet.

Report Start Date
01-Jan-00

Specimen Report for AUDUBON / 579

Report End Date
26-Jan-07



23 Aug 2005	Fecal check/worming	Routine fecal to Hospital.
25 Aug 2005	Research obs/procedure	Routine blood for hormone monitoring draw taken by Hospital from both elephants.
25 Aug 2005	Fecal check/worming	Second fecal from 579 brought to Hospital at their request.
28 Aug 2005	Husbandry/management	0.2 038/579: locked in Sunday, 28 August 2005 in preparation for Hurricane Katrina. By Monday afternoon they were given open house (no damage to their exhibit). 31 August=water was lost Wednesday 31 August and came back on 6 September 2005 (Tuesday). So only dry cleaning was done during that time. Stored water was used for drinking.
28 Aug 2005	Diet/feeding notes	0.2: being fed 2 bales of hay and 1/2 bag of grain per day since Hurricane Katrina. 09 September: (Sunday) reduced hay to 1 1/2 bales and increased grain to a whole bag, because of possible hay shortage. (This is the total amount of food for the elephants). The girls were getting a lot of browse and seemed to do fine with this reduction.
4 Sep 2005	Note	0.2: girls doing fine, keeper does short afternoon workouts with them that they are very good for. Still no water or electricity post Hurricane, so pool very dirty, but they still go for swims.
5 Sep 2005	Diet/feeding notes	0.2: hay bumped up to 2 bales (total) today (Monday) because of Baton Rouge shipment getting through to the zoo.
5 Sep 2005	Behavior note	Went out in the zoo to take pictures with the National Guard. She was a little weirded out by the strange surroundings (debris everywhere) and helicopters flying low, but did fine.
7 Sep 2005	Medical/Rx/Tx note	0.2: given 1 gallon of mineral oil each today (Wednesday) because of dark crumbly stool. Their stool DID improve after this.
2 Oct 2005	Foot management	Nails on both front feet filed. 13 October=filed all nails on both back feet.
17 Oct 2005	Foot management	Filed all front nails; outer nails on front feet trimmed as well.
6 Nov 2005	Foot management	0.2 038/579: trimmed pads of front feet.
11 Nov 2005	Medical/Rx/Tx note	Trunk wash culture results negative.
28 Nov 2005	Enrichment	0.2 038/579: mulch pile in yard.
29 Nov 2005	Foot management	Filed nails on front feet.
8 Dec 2005	Foot management	Filed her front nails.
27 Dec 2005	Medical/Rx/Tx note	Keeper reports that problem nails look poor again. Trimmed and filed #1 nails on right and left front feet. Began soaking in epsom salts, betadine and warm water to treat cracks in nails. 30 December=Vet checked cracked nails on both front feet. Animal is bright, alert and responsive and not lame. Both front feet have cracked 4th nails. No sensitivity noted/observed. Crack on right foot appears to extend to the nail bed. Vet said to continue with foot soaks in epsom salts and dilute betadine once/day until further notice. Will recheck in a week. .
5 Jan 2006	Medical/Rx/Tx note	Filed #1 nails on both front feet. 06 January=Vet checked for cracks in her #1 front nails; pleased with progress, but healing will be long process. Section will continue foot soaks once/day in Epsom salts and dilute Betadine. Recheck 13 January.
7 Jan 2006	Enrichment	0.2 038/579: received a christmas tree for enrichment. They enjoyed it and then they ate it.
17 Jan 2006	Medical/Rx/Tx note	Vet recheck of #1 nails on front feet. Animal bright/alert/responsive, no lameness, eating well. Looks fine, continue with treatment of soaking in Epsom salts/dilute betadine solution.
19 Jan 2006	Foot management	#1 nails on front feet filed.
24 Jan 2006	Foot management	Rear pads and nails on both feet trimmed.
26 Jan 2006	Medical/Rx/Tx note	Vet recheck of cracks on front nails - right/left lateral nails both have cracks; no sensitivity noted on either crack when palpated. Left nail still firm, right nail still mostly firm. Section can stop soaks for left front #1 nail. Right crack is worse-continue soaking in Epsom salts/dilute betadine. Took pictures. Recheck 27 January after soak. 27 January=Vet checked feet again after a fresh soak; left front has area deeper than previously thought; pictures taken to send to SSP vet advisor. Plan to take rads next week & recheck 2 Feb. Recommend continue soaks for both front feet.
1 Feb 2006	Medical/Rx/Tx note	Weighed.
2 Feb 2006	Medical/Rx/Tx note	Section trimmed cracked nails & inside pads on both front feet. Vet rchecked nail cracks after nail trim.



Left nail much improved, right foot also improved. Discontinue soaking treatment, continue topical treatment with dilute betadine solution. Begin treatment with Koppertox 2x/week, spray with iodine daily until further notice as per Vet consultation. Will begin additional dietary supplement when acquired. Radiograph feet tomorrow.

7 Feb 2006	Foot management	Rear nails trimmed on both feet.
10 Feb 2006	Medical/Rx/Tx note	Vet rechecked nail cracks; left and right nails improved/dry. Continue spraying with dilute betadine solution daily and applying koppertox 2x/week. Xrayed all 4 feet for baseline data-all look good. Unable to complete series due to Xray machine failure.
16 Feb 2006	Medical/Rx/Tx note	Vet rechecked cracked nails on front feet and x-rays; left and right nails are improving, left crack is no longer deep, right crack still has deep area near sole. Took photos. Continue treatment with dilute betadine and koppertox as prescribed. Vet will continue to monitor and recheck 23 Feb.
24 Feb 2006	Foot management	Outside nails on front feet filed/trimmed.
7 Mar 2006	Medical/Rx/Tx note	Vet checked her front #1 nails on both feet and thinks they look better. We will continue with treatments (iodine daily and Coppertox twice a week) and trimmings as needed. Pictures of nails taken; will continue to monitor and hosp will recheck 14 March.
15 Mar 2006	Foot management	Trimmed nails on front feet.
16 Mar 2006	Foot management	0.2 038/579: trimmed 038's pads on all feet. Trimmed 579's pads and nails on both front feet.
20 Mar 2006	Fecal check/worming	Routine fecal submitted to hospital.
31 Mar 2006	Foot management	#1 nail on both front feet trimmed. Pads on both back feet trimmed.
21 Apr 2006	Enrichment	0.2: given large half-dead palm tree with fronds on exhibit. Both treating at it and eating it almost immediately.
1 May 2006	Medical/Rx/Tx note	Vet checked nail cracks, consider resolved.
12 May 2006	Foot management	Front outside and back inside nails filed.
30 May 2006	Medical/Rx/Tx note	0.2: annual physicals today, blood drawn, vaccinated, general checkup and day 1 of trunk washes for TB testing.
31 May 2006	Medical/Rx/Tx note	Day 2 of TB testing (trunk wash).
1 Jun 2006	foot/bek/toth/wng-care/mgt	Rear pads and nails trimmed
1 Jun 2006	Medical/Rx/Tx note	Day 3 (last day) of TB trunk wash testing, reassess pending results.
2 Jun 2006	Medical/Rx/Tx note	Bloodwork all OK, consider resolved.
6 Jun 2006	foot/bek/toth/wng-care/mgt	Filed nails of right front feet.
14 Jun 2006	Enrichment	0.2: received watermelons for Zoobilation watermelon stomp. Visitors enjoyed.
21 Jun 2006	Medical/Rx/Tx note	0.2: routine blood sample taken to AHCC.
23 Jun 2006	foot/bek/toth/wng-care/mgt	Trimmed pads on both front feet.
26 Jun 2006	Medical/Rx/Tx note	Has what appears to be an infected fly bite on her back. Vet checked and said to keep an eye on it.
30 Jun 2006	Medical/Rx/Tx note	Vet check, small nodule on back, appears unchanged, will continue to monitor.
3 Jul 2006	Medical/Rx/Tx note	0.2: rabies titers OK, no need to vaccinate at this time.
5 Jul 2006	foot/bek/toth/wng-care/mgt	Filed front right #1 nail.
11 Jul 2006	Medical/Rx/Tx note	Vet check of lesion on back, animal bright, alert and responsive, lesion looks healed, consider resolved.
26 Jul 2006	Behavior note	Last night elephants ripped down hot wire (wasn't working), gutters and slate from bear side breezeway roof. Girls are locked in tonight and hot wire will be replaced tomorrow.
8 Aug 2006	Foot management	Rear pads and nails trimmed on both feet.
17 Aug 2006	Enrichment	0.2 038/579: taken to B8 for free time/enrichment.
1 Sep 2006	Foot management	0.2: trimmed and filed all nails on front feet.
5 Sep 2006	Foot management	0.2: trimmed and filed nails on both back feet
12 Sep 2006	Enrichment	0.2: taken into B8 exhibit for afternoon to browse and exercise, returned to B1.
13 Sep 2006	Medical/Rx/Tx note	Cut trunk on a bamboo stalk, Vet checked, clean twice daily with dilute Nolvasan, monitor
13 Sep 2006	Enrichment	0.2: given large drain plug for enrichment, they enjoyed kicking it around.
27 Sep 2006	Medical/Rx/Tx note	Hospital checked trunk wound; slightly infected. Culture sample will be taken tomorrow; Nolvasan treatment resumed.

Report Start Date
01-Jan-00

Specimen Report for AUDUBON / 579

Report End Date
26-Jan-07



3 Oct 2006	Enrichment	0.2 taken to old bison yard, a good time was had by all.
4 Oct 2006	Foot management	Nails filed on both front feet.
12 Oct 2006	Foot management	Nails filed on both rear foot.
24 Oct 2006	Enrichment	1.1: taken to exhibit B8 for browsing
20 Nov 2006	Medical/Rx/Tx note	Vet check for stiffness in right front leg. it has been colder lately and animal reluctant /slow to kneel/get up. Keeper reports "wince" upon bending right carpus. Upon palpation, left carpus significantly warmer than right. Possible flare up of arthritis, other. Did rads of front feet (before storm hit); still need rear feet. Prescribed 5 gm of Phenylbutazone once a day for 3 days starting today.
22 Nov 2006	Medical/Rx/Tx note	Last day of Phenylbutazone treatment, she seems to be feeling fine.
1 Dec 2006	foot/bek/tooth/wing-care/mgt	Trimmed pads on both front feet and filed nails also.
11 Dec 2006	Medical/Rx/Tx note	Abscess found at base of tail. Vet checked; will drain tomorrow.
12 Dec 2006	Medical/Rx/Tx note	Hospital checked and expressed abscess. Treated with Cefa-Lak. Vets will check back tomorrow.
14 Dec 2006	Foot management	Rear pads and nails trimmed, right front nail filed.
14 Dec 2006	Medical/Rx/Tx note	Vet rechecked tail abscess. Continue treatment. Progressing well.
19 Dec 2006	Medical/Rx/Tx note	Vet exam of abscess. Responding to cleaning and local treatment. Lesion still firm but smaller than previously noted. Continue treatment another week.
27 Dec 2006	Medical/Rx/Tx note	Dr. Grillo checked abscess above tail-smaller. Hee advised Section to only treat with Nolvasan and discontinue CefaLac.
28 Dec 2006	Medical/Rx/Tx note	Vet check. Doing well No significant drainage. Continue cleaning/monitoring.
2 Jan 2007	Medical/Rx/Tx note	Vet check. Doing well. Lesion much smaller/dry. No further need for local antibiotic applicaitons. Continue to clean a few more days then consider resolved.
6 Jan 2007	Husbandry/management	Enrichment: 0.2 given a Christmas tree this afternoon.
21 Jan 2007	Medical/Rx/Tx note	Sprayed mineral oil on her for dry skin.

Report Start Date
01-Jan-00

Specimen Report for AUDUBON / 038

Report End Date
26-Jan-07



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: ASIAN REGION Rearing: Unknown
Birthdate-Age: ~ 1973 - ~33Y Hybrid: Not a hybrid
Time since last Acq: 28Y,3M,18D 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>
8 Oct 1978	Purchase from J SCHULZ / NONE	AUDUBON / 038		

<u>Date</u>	<u>Type</u>	<u>Value</u>	<u>Units</u>	<u>Comments</u>
6 Apr 2000	live animal weight	6400.0	pound	[12:00:00 PM]
18 May 2000	live animal weight	6500.0	pound	[12:00:00 PM]
13 Jul 2000	live animal weight	6600.0	pound	[12:00:00 PM]
11 Aug 2000	live animal weight	6500.0	pound	
8 Sep 2000	live animal weight	6600.0	pound	
12 Oct 2000	live animal weight	6400.0	pound	
7 Dec 2000	live animal weight	6300.0	pound	
12 Jan 2001	live animal weight	6300.0	pound	
15 Feb 2001	live animal weight	6500.0	pound	
7 Mar 2001	live animal weight	6600.0	pound	
5 Apr 2001	live animal weight	6500.0	pound	
8 May 2001	live animal weight	6700.0	pound	
14 Jun 2001	live animal weight	6600.0	pound	
13 Jul 2001	live animal weight	6500.0	pound	
6 Aug 2001	live animal weight	6600.0	pound	
14 Sep 2001	live animal weight	6400.0	pound	
7 Nov 2001	live animal weight	6400.0	pound	
5 Dec 2001	live animal weight	6700.0	pound	wt est
15 Jan 2002	live animal weight	6803.0	pound	using new electronic scales - this scale will be used from now on
26 Feb 2002	live animal weight	6820.0	pound	
18 Apr 2002	live animal weight	6860.0	pound	
6 Jun 2002	live animal weight	6780.0	pound	
19 Jul 2002	live animal weight	6773.0	pound	3072.0 kg
3 Sep 2003	live animal weight	6933.0	pound	sl increase could be do to new weighing method - will monitor
7 Apr 2004	live animal weight	7037.0	pound	
5 May 2004	live animal weight	6999.0	pound	decline probably due to warmer temps-more activity possible
19 Jul 2004	live animal weight	6570.0	pound	wt reduction good; probably due to seasonal high activity level
7 Oct 2004	live animal weight	7200.0	pound	unexplained wt gain-w/monitor
8 Dec 2004	live animal weight	7200.0	pound	
20 Apr 2005	live animal weight	7600.0	pound	on truck scale; will weigh again on 4-point scale
15 Jul 2005	live animal weight	7336.0	pound	wt loss good
1 Feb 2006	live animal weight	7490	pound	



<u>Date</u>	<u>Note type</u>	<u>Comments</u>
5 Jan 2000	Medical/Rx/Tx note	Enema followed by 10min of rectal palpation standing-went well. Relaxed/dilated. Then put in lateral recumbency x5min of palpation. Not relaxed in down position. We can increase post enema palpation time to 15 min but maintain palpation in down position to 5 min. [[KJT]]
6 Jan 2000	Medical/Rx/Tx note	Enema followed by 15m of rectal palpation standing-calm,relaxed,accepting of procedure. Anus relaxed/dilated. Placed in L lateral recumbency x5min of palp. Relaxed while in lateral recumbency; allowed for full 4.5 min vigorous palp w/o moving hindlimbs. Section discussed decreasing sessions to 1/week as of next week-time consuming/so far meant to reinforce proper behav. W/discuss w/Dr. Topham/Section 11 Jan. [[RA]]
12 Jan 2000	Research obs/procedure	038/579: began training w/old xray plates-to be used for skull rads for vomeronasal organ research (Bets Rasmussen). [[ALY]]
13 Jan 2000	Medical/Rx/Tx note	15m warm wtr enema at 95F followed by 10m rectal palpation standing-calm/relaxed, accepting of procedure. Anus relaxed/dilated. Placed in L lateral recumbency x5m palpation. Relaxed while in lateral recumbency; allowed for full 5m vigorous palpation w/o moving hindlimbs. Alternated person doing flush/palpation w/o animal showing sign of discomfort/stress. W/repeat procedure once/week UFN. [[RA]]
3 Feb 2000	Medical/Rx/Tx note	Bled as part of continuous hormonal monitorization.W/be bled serially/weekly UFN. [[RA]]
4 Feb 2000	Medical/Rx/Tx note	15min warm wtr enema @ 95F followed by 10min rectal palpation standing- calm/relaxed/accepting of procedure. Anus relaxed/dilated. Unable to completely evacuate lower colon w/enema. Placed in L lateral recumbency x 5min palp. Relaxed while in recumbency; allowed full 5min vigorous palp w/o moving hindlimbs. Prolonged palp w/o showing sign of discomfort/stress. W/repeat procedure once/week UFN. [[RA]]
10 Feb 2000	Research obs/procedure	15min warm wtr enema @ 95F, then 10min rectal palpation standing-calm, relaxed, accepting of procedure. Anus relaxed/dilated. Unable to completely evacuate lower colon w/enema. Placed in L lateral recumbency x 5min of palp. 2 unfamiliar people added to procedure in proximity of head, along w/unfamiliar equipment/gurney w/o vis/apprec reaction. Relaxed while in lateral recumbency; allowed full 5min of vigorous palp only minimally moving hindlimbs. Palp completed w/o showing sign of discomfort/stress. W/repeat once/week UFN. [[RA]]
16 Feb 2000	Medical/Rx/Tx note	038/579: foreshortened procedure due to late hr. 10min wrm wtr enema @90F,then 5min rectal palpation, L lateral recumbency-calm/relaxed/accepting of procedure. Anus relaxed/dilated; allowed for full 5min vigorous palpation w/o moving hindlimbs. Unable to completely evacuate lower colon w/enema. Changed palpator w/o animal showing signs of discomfort/stress. Bled from L ear as per collection protocol. W/repeat procedure once/week UFN. [[RA]]
23 Feb 2000	Medical/Rx/Tx note	15min of palpation standing-calm/relaxed/accepting procedure. Anus relaxed & dilated. Unable to completely evacuate lower colon w/enema. Placed in L lateral recumbency x 5min of palp. 1 unfamiliar person added to procedure in proxim of tail, along w/unfam equip/gurney w/o vis/appreciable reaction. Relaxed while in lateral recumbency; allowed full 5min vigorous palp w/o moving hindlimbs. Palp completed w/o sign of discomfort/stress. [[RA]]
2 Mar 2000	Medical/Rx/Tx note	Palpation procedure performed. Went well. Unfamilliar person performed entire procedure (preceptor) w/o visible/appreciable reaction. This comment added to IDs: 038, 579 [[RA]]
6 Mar 2000	Note	Weighed on new scale. Wt 6550 lbs, which is 350 lbs more than last weighing. May be due to different scale, since both elephants are heavier this time. [[KJT]]
8 Mar 2000	Medical/Rx/Tx note	Warm wtr enema/palpation x10min standing, 5min down. Went well. Bled for progesterone monitoring. [[KJT]]
22 Mar 2000	Medical/Rx/Tx note	Warm water enema/palp x 10min standing/5min down. Went well. Bled for progesterone monitoring. [[KJT]]
29 Mar 2000	Medical/Rx/Tx note	Bled for progesterone monitoring. [[KJT]]
26 Apr 2000	Medical/Rx/Tx note	10m warm wtr enema @90F followed by 10m rectal palp standing-calm/relaxed/accepting of procedure. Anus relaxed/dilated. Unable to completely evacuate lower colon w/enema. Placed in L lateral recumbency x 5min palp. Unfamiliar person performed entire procedure (vet tech) w/o vis/apprec reaction & w/o moving hindlimbs/showing sign of discomfort/stress. Bled from L auricular vein for continued progesterone monitoring. W/repeat procedure once/week. [[RA]]



17 May 2000	Quar/routine/preship Px	Annual Px. BAR/well hydrated/active.TB sample collected per USDA protocol- sample frozen for submittal to USDA lab for culture once other 2 samples collected x3 days.Vacc/bled.Section to weigh at earliest opportunity. 3min wrm wtr enema followed by rectal palp standing-calm/relaxed/accepting of procedure. Anus relaxed/dilated. Unable to completely evacuate lower colon w/enema. Placed in recumbency x 3min palp-unfamiliar person performed entire proced w/o vis/apprec reaction; allowed vigorous palpation w/o moving hindlimbs-no sign of discomfort/stress. W/repeat weekly. [[RA]]
18 May 2000	Quar/routine/preship Px	2nd day of TB trunk wash. Weighed.
19 May 2000	Quar/routine/preship Px	CBC/Chem results in. 3rd day of trunk washes for TB check. [[RA]]
26 May 2000	Medical/Rx/Tx note	Palpation procedure completed w/o animal showing sign of discomfort/stress. Unfamiliar person performed most of procedure w/o vis/apprec reaction. [[RA]]
27 May 2000	Fecal check/worming	Routine fecal collection. [[DM]]
28 May 2000	Medical/Rx/Tx note	Acute episode of berserk behav in AM-running in circles/trunk flinging/ scratching all parts of body she c/scratch either w/trunk/feet/objects in exhib. When vet examined, had 2 raised lesions on inner antebrachial region, R forelimb. Face swollen/excoriations noted everywhere along flanks/face/ limbs. Given steroids followed by saline via ear vein. Began cooled wtr hosing all over body to ease pruritis. Repeated steroid/saline Tx 15min later & resumed hosing. Pruritic behav diminished but still present. After short consult w/Dr. Mikota on dosing, given another steroid/saline Tx. Each dose given in different vein. Behav diminished even further & she was eating/acting normal w/i abt 1 hr. No other skin lesions noted. Similar episode in 1994 noted in record. Suspect insect bite caused acute Type I hypersensitivity reaction. Monitor for further reaction/problems. [[KJT]]
29 May 2000	Medical/Rx/Tx note	Vet check. Back to normal behav, & skin normal except for 1 small raised area on inner antebrachium. Not palpably warm/red. Resolved. [[KJT]]
2 Jun 2000	Medical/Rx/Tx note	Section reports no change in status of tusk. No palpable change since last exam. Reassess 11/2000. [[RA]]
8 Aug 2000	Fecal check/worming	Routine fecal to hosp.
12 Aug 2000	Medical/Rx/Tx note	Several weeks ago, obtained a small rip in tail skin near tip-has been healing slowly. Area kept cleaned w/Novlasan. Just monitoring.
16 Aug 2000	Medical/Rx/Tx note	Vet exam. Small wound on tailtip. Staff has been cleaning daily & applying Wound Dust. Wound still infected, w/purulent material expressed daily. Wound healing, but slowly. Cont to clean wound BID w/Novlasan, apply Furacin/Wonder Dust each time. Section w/monitor.
18 Aug 2000	Husbandry/management	0.2: chained facing yd due to concrete repair-ordinarily face elephant dip.
24 Aug 2000	Medical/Rx/Tx note	Vet check. wound on tailtip healing well, has formed a scar. Consider resolved. Release to Section.
19 Oct 2000	Medical/Rx/Tx note	0.2: rectal palpation reconditioning/practice for ultrasound 21 Oct. Both did fine.
20 Oct 2000	Medical/Rx/Tx note	0.2: Approx 15min warm wtr enema followed by 5min rectal palpation standing-calm/relaxed; accepting of procedure thruout, rectum dilated. Placed in left lateral recumbency; unfamiliar person/vet precptor to palpate. This allowed x 2min & she was discouraged from moving hindlimbs. At no time seemed uncomfortable. Proceed w/rectal ultrasound eval tomorrow.
21 Oct 2000	Medical/Rx/Tx note	Transrectal ultrasonography performed for breeding soundness exam by Dr. D. Schmitt. All reproductive structures visualized. Preliminary Dx: normal uterus/cervix/ovaries. Vaginal 3-4 nodules in vaginal wall. Uncertain about significance.
3 Nov 2000	Medical/Rx/Tx note	Vet recheck of R tusk for recurring/chronic wear/lack of growth. Remains the same=no problems. Discontinue daily Novasan rinses. Keep tusk area hosed out during baths, etc. Monitor tusk/surrounding skin.
4 Nov 2000	Medical/Rx/Tx note	Final analysis of ultrasound by Dr. D. Schmitt=satisfactory breeding candidate.
21 Nov 2000	Fecal check/worming	Routine fecal to hosp.
22 Nov 2000	Medical/Rx/Tx note	Has abscess area (quarter-sized) on L side of jaw-area has opened up & she has rubbed skin off. Area cleaned w/Betadine-Furacin powder applied. Monitor.
24 Nov 2000	Medical/Rx/Tx note	Kprs noted small abscess, L side of face. Vet check. It has opened/started draining in last 24 hrs. Probing area shows it is not deep (abt 1/2"), has no draining tracts. Flushed w/Nolvasan & packed wound w/Dry Clox. Recheck in 1 week. Section Report: begin 7 day Tx=flush out area w/Nolvasan or Betadine BID then apply Dry Cow topical antib. Monitor.

Report Start Date
01-Jan-00

Specimen Report for AUDUBON / 038

Report End Date
26-Jan-07



30 Nov 2000	Medical/Rx/Tx note	Abscess area on L side of jaw appears to be closing up/healing well. Seems smaller inside the opening.
1 Dec 2000	Medical/Rx/Tx note	End Dry Cow Tx for abscess, L side of jaw-appears to be healing. Trimmed nails/pads L/rear foot, pad edging R/rear foot.
2 Dec 2000	Medical/Rx/Tx note	Vet check=abscess area on L side of jaw healing well, but opening needs to close more-continue DryCow Tx x 3 days.
6 Dec 2000	Medical/Rx/Tx note	Vet check. Wound healing well, sm amt pink still showing. Granulating in/very shallow at this time. Discontinue antib topically. Cont to clean w/Nolvasan until no more pink showing.
21 Dec 2000	Medical/Rx/Tx note	Vet exam. New wound, L rear leg, near popliteal region. Appears to be rub mark/abrasion from log chain that has gotten infected. Skin wound small in diam, but cellulitis around wound is size of lemon. Due to "active" nature of this region, healing has been delayed. Staff has been keeping area clean w/Nolvasan/Betadine. Dx/Tx: superficial skin wound w/cellulitis. Hydrotherapy BID, followed by disinfection/Duoderm paste x 3 days.
22 Dec 2000	Medical/Rx/Tx note	Wound on L rear leg Tx w/Duoderm following warm hydrotherapy. To be done BID x next couple days. Vet w/recheck tomorrow. Also had foot/h hoof trim on front feet.
25 Dec 2000	Medical/Rx/Tx note	End Duoderm Tx. Wound on back side L rear leg healing slowly. Swelling around area appears to be reducing.
26 Dec 2000	Medical/Rx/Tx note	Fire in elephant barn overnite-1 of their heaters exploded; the hot element pieces ignited their hay, which burned completely. Elephants exposed to heavy smoke/fire. Kprs report 038 subdued in temperament. Hair along R side body, including ear hair/R eyelashes singed; small burn lower R ear observed at closeout. Dark soot, both front legs/face/trunk. Eyes watering/irritated-R eye most affected. Washed/fully scrubbed down w/Betadine. Smoke smell noted on exhalation. Roof of mouth has black char, mucous membranes very dry-soot removed during bath. Fluorescein stain, both eyes=no corneal ulceration shown. R eye cornea sl cloudy-edematous. Bled for baseline CBC/Chem, blood gases. Old wound, L rear leg slowly healing, overall size diminished-more shallow. Dx: smoke inhalation/corneal edema, no open burns noted at this time. Venous blood gas values WNL. No metabolic derangement as result of smoke inhal at this time. Bathe/check skin daily for new blisters. Use Silvadene cream on any burned areas found + old leg wound. Monitor R eye closely for further problems. Collect blood daily for blood gases comparison to determine any pulm side effects from smoke inhal. Rx: Bacitracin ophthalmic ointment TID x3 days, Silver Sulfadiazine TID x7 days.
27 Dec 2000	Medical/Rx/Tx note	Seemed back to norm self. Bled for blood gases=values have dropped since yesterday, but still WNL, suggesting resp acidosis. 1 new wound found on tip of R ear. Section treating. Given access to barn in afternoon to see if they w/come inside; 038 readily came in w/her toy tire. Did not eat much of hay last nite.
28 Dec 2000	Medical/Rx/Tx note	Still seems in discomfort from burns/eye irritation. Vet exam. New skin wounds have erupted on R flank, open ulcerated lesions identical to those on 579. Also, sm wound on tip R ear has cont to erode-now entire lower ridge, R ear ulcerated. Cont to tear in both eyes, but not squinting as much as yesterday. Fluorescein stain + in both eyes. L eye has sm punctate corneal ulcer just rostral to center. R eye has larger corneal ulcer abt 5mm diam in center. Blood gases back to norm range today. Switch eye ointment to eye drops for both eyes. Begin applying Silvadene/Dex/DMSO/Lidocaine salve to wounds TID. Tx w/Naquasone analgesic SIDx5days begun today. Rx: Sulfatrim BID x7days & Gentamicin topically TID x 7 days. Forced air heater temporarily set up in tackroom blowing into barn until permanent heaters can be installed.
29 Dec 2000	Medical/Rx/Tx note	Vet exam. blistering/open wounds cont. Blistering/open wounds along R side, R upper hindleg that feel warm to touch. Skin over areas firm as well, but no open blisters noted. Bottom portion R ear seemed somewhat hardened-monitor for blood flow/circulation. Ear edge losing more skin. Exam of corneas w/light=no vis defect w/o stain, but still tearing quite a bit. Blood gases=pCO2 elevated sl above norm, but all other values WNL. Section having some difficulty getting all antib accepted, but working on better compliance. Suspect further 1st/2nd degree burns along flanks. Damage to R eartip may result in sloughing of lg piece of tissue. Blood gases indicate some pulm compromise present. Cont Tx as outlined, to help with edema/congest. Decrease skin cleaning/Tx to BID as per discuss w/Staff. Phone consult w/LSU ophthalmologist abt ocular problems=suggested we try autogenous serum in eyes-serum contains necessary macroglobulins to counteract any enzymatic degradation that can occur after thermal injuries. Serum can also provide growth factor that may encourage epithelial repair. Also suggests we use different antib because Gentamycin less kind to damaged corneal tissue than other antib may be.



W/discuss this w/staff.

29 Dec 2000	Husbandry/management	Temporary forced air heater hooked up last night has provided adequate heat.
30 Dec 2000	Medical/Rx/Tx note	Ophthalmic exam by Dr. Glaze from LSU: small superficial ulcer on R eye, almost pinpoint in size, uptake of stain outlined lesion well. L eye no uptake of stain, but some minor corneal edema remains. Ear wounds warm to touch, a little serous discharge from 1 cm area midlength along edge. R flank still warm to touch, but not as warm as yesterday. Open wounds obviously healing now. Blood gases=no improvement over yesterday-pattern suggests resp acidosis w/only partial compensation. Ocular trauma resolving. Discontinued Gonisol, began blood serum mixed w/Neomycin drops to be injected into eyes via syringe (minus needle). Allow access to fresh air as much as poss, by opening barn door/letting out into yd, depending on outside temp. Refusing to take orally antib; temporarily discont oral TMX, switch to inject Naxcel.
31 Dec 2000	Medical/Rx/Tx note	Vet exam. Looks more comfortable today overall-eyes clear/bright, attitude more normal. Upper trunk firm/somewhat swollen-kpr suspect from hitting the door. No heat noted. Flanks still a little warm to touch, but improved from yesterday. Ear wounds looking better was well. Sites of Naxcel inject from yesterday (R front leg tricep) firm/swollen, but not hot to touch. Blood gases marginally improved-pattern suggests still compensating for condition. Have discontinued oral antib/switched to inject. Staff to cont cleaning wounds/Tx eyes BID as outlined, cont Naquazone.
1 Jan 2001	Medical/Rx/Tx note	Vet check. No more heat palpated in any skin wounds. Wounds starting to heal; eyes clear/bright, attitude more normal. Blood gases=minor improvement. Discontinue Dex/DMSO/Lidocaine from Silvidene. Cont w/Silvidene cream alone.
2 Jan 2001	Medical/Rx/Tx note	Vet check. Tx continues. Blood gases=no change since yesterday. Begin bleeding EOD. Stain eyes tomorrow.
3 Jan 2001	Medical/Rx/Tx note	Vet check. Skin healing well. No further heat noted. Stained eyes=very mild superficial uptake noted. No coughing/nasal discharge noted. Cont ophthalmic Tx until 5 Jan. Restrain at that time. Cont inj antib as outlined. Rx: Silver Sulfadiazine topically BID UFN.
5 Jan 2001	Medical/Rx/Tx note	Vet check. Re-stain of both eyes neg. No heat noted on any skin wounds-wounds all scabbed over/no new wounds for a few days now. Blood gases all NORMAL! Discontinue blood collection & antib. Continue Txing W/Silvadene on burn wounds UFN. Elephants have regained their appetite for hay. 06 Jan: bloodwork from 26 Dec WNL.
8 Jan 2001	foot/bek/tooth/wing-care/mgt	0.2: foot trim on rear pads/nails.
12 Jan 2001	Medical/Rx/Tx note	Weighed. Vet recheck of skin. All burn wounds healing slowly. Very little heat noted in any skin. Scabs tight. Section w/cont to clean/apply Silvadene until completely healed.
14 Jan 2001	Medical/Rx/Tx note	Has developed softball sized abscess, R side on belly near rear leg (@ burn wound site). Warm to touch/drain pus. .
15 Jan 2001	Medical/Rx/Tx note	Wound from fire in barn currently under Tx. Vet exam: BAR, eating well, gums/tongue nice& pink, behav norm. Firm SQ mass, approx 5"x3.5", fairly superficial, R lower flank in area which had more severe wounds from fire. Sm amt purulent discharge noted from 1 of wounds in area. SI tender on deep palp, only sl warm to touch. Animal stable at this time. Poss sm abscess forming just under skin/may have some cellulitis as well. Cont cleaning R lower flank BID w/Betadine. Rinse Betadine completely (very/very well). Apply poultice of DMSO/Silvidine/Dex BID x7 day. Section w/try to gently squeeze any open areas for pus.
15 Jan 2001	Medical/Rx/Tx note	0.2: sm red/firm mass found on floor near feces/urine. Unsure of origin (genital/urinary/reproductive). Firm/uniform on cut surface. Submit to lab for histopath to aid in diagnostics.
17 Jan 2001	Medical/Rx/Tx note	BAR/eating well/norm attitude. R lower flank palpated/examined today. SQ mass not palp in same area today as 15Jan-seems to have sl fluctuant mass at lowest gravitation point R flank & is much smaller than palpated 15Jan. Skin less warm to touch than 3 days ago. Cont paste on wound area after cleansing BID. Monitor appetite/attitude. W/hold off on oral antib at this time.
18 Jan 2001	Husbandry/management	Facilities/electrician, Becker Heating came to elephant barn to assess installation of new heater system.
23 Jan 2001	Medical/Rx/Tx note	W/discontinue Silvadine Tx UFN, as per hosp.
25 Jan 2001	Medical/Rx/Tx note	Continue Silvadene Tx on burn wounds 3 more days BID. Silvadene mix also has DMSO/Dexameth. Wounds healing well-drying up & scabbed.
25 Jan 2001	Husbandry/management	Welder came to assess area where elephant heaters will be installed; will make protective covers for heaters.

Report Start Date
01-Jan-00

Specimen Report for AUDUBON / 038

Report End Date
26-Jan-07



28 Jan 2001	Medical/Rx/Tx note	End of topical Silvadine mixture Tx.
2 Feb 2001	Husbandry/management	Welder installed protective caging for new elephant barn heaters.
5 Feb 2001	Husbandry/management	Maintenance removed old quartz heaters from elephant barn ceiling.
8 Feb 2001	Husbandry/management	Joe the Welder installed a bracket in the metal cage for the new elephant heater to rest on.
9 Feb 2001	Husbandry/management	Electrician finished installing new forced air elephant barn heater.
11 Feb 2001	Medical/Rx/Tx note	Histopath on mass passed in feces 20 Jan: sloughed mucosa, probably uterus in origin.
12 Feb 2001	Medical/Rx/Tx note	Vet check of burn wounds. R flank lesions no longer draining purulent material, no SQ masses palpated, minor superficial scabs resolving. Skin appears normal. No further vet care/monitor necessary.
17 Feb 2001	Fecal check/worming	Routine fecal to hosp.
1 Mar 2001	Husbandry/management	Electrician installed second elephant barn forced air heater-ran new conduit but still needs wiring-will do tomorrow.
6 Mar 2001	Husbandry/management	Electrician removed temporary heater from elephant tack room; will give back to Becker's.
10 Apr 2001	Medical/Rx/Tx note	0.2: have been maintained isolated in area w/increased precaution/limited visitor area contact as per AZA & AAZV Foot/Mouth Disease Guidelines to date. Discussed Guidelines w/GC, indicating general adherence by other natl/regl zoos. Strongly recommend adherence to guidelines as stated. GC felt risk minimal at present, & decided to allow elephants to participate in PM event tonite & Sunday's Mother's Day Walk event.
5 May 2001	Note	NOTE: until today, 2 Audubon animals each had the ISIS #038, a bird and this mammal. Today, the bird was given a new # - 100222 - so now only 1 animal has the Audubon ISIS #038 - this mammal. L. Robledo
8 May 2001	Medical/Rx/Tx note	Weighed today at 6700 lbs; up 200 lbs.
10 May 2001	Medical/Rx/Tx note	0.2: Have been maintained isolated in area w/increased precaution/limited visitor area contact as per AZA/AAZV Foot/Mouth Disease Guidelines to date. Vet discussed Guidelines w/GC, indicating general adherence by other natl/regl zoos. Strongly recommend adherence to Guidelines as stated. GC felt risk minimal at present; decided to allow elephants to participate in PM event tonite & Sunday's Mother's Day Walk event.
15 May 2001	Quar/routine/preship Px	Annual Px. Overall in good condition. No problems noted by staff or on exam. Blood collected. Vacc w/rabies, Eastern/Western/Venezuelan encephalomyelitis toxoid. Trunk wash performed-repeat wash x2 more days.
16 May 2001	Quar/routine/preship Px	Trunk wash performed w/Saline for TB test. 17 May=last day of trunk wash for TB test.
21 May 2001	Quar/routine/preship Px	CBC/Chem WNL.
27 May 2001	Fecal check/worming	Routine fecal check-negative.
29 May 2001	Husbandry/management	0.2: beginning nightly video monitoring next several days to observe behav on chains-in prep for getting them off chains at nite; want to reduce their time on chains to only a couple hrs/day.
30 May 2001	Behavior note	0.2: video from last nite showed that as they ate, they spent time playing/moving hay around followed by periods of head swaying. They each spent some time trying to get off their front leg chains w/o success. This activity occurred for most of nite. Finally, around 3AM, 038 laid down to sleep x abt 20min. 579 laid down to sleep abt 5AM x abt 1 1/4 hr.
31 May 2001	Behavior note	0.2: last nite's video taping showed some play sparring between them around midnite. They interacted x abt 1 hr. 579 worked at getting off her front leg chain & succeeded abt 3AM. After checking out back portion of barn, she came back in line facing dip & laid down to sleep-slept abt 2 1/2 hr laying on her side. 038 rested periodically putting her forehead on barn wall while standing. Eventually laid down to sleep briefly abt 5AM-staying down abt 15-20min. Both still observed swaying x various periods of time thruout nite.
1 Jun 2001	Behavior note	0.2: 3rd nite of videoing didn't have much interaction between them. More various periods of head swaying thruout nite. 579 got off her front leg chain abt 10PM-rested briefly w/head on pipes of tackroom door. At abt 3AM, 038 laid down to sleep for abt 10min. Most of the nite she w/rest standing up w/her forehead leaned against the wall. At abt 3:40AM, 579 laid down to sleep; she stayed on her side for abt 2hr. 20min.
2 Jun 2001	Behavior note	0.2: nite 4 of video taping. Little interaction between them. Both spent lots of time swaying. 579 got off front chain abt 9PM & ate intermittently until 1AM, then laid down on L side x3 1/2hr. 038 spent her time swaying or resting head on wall-slept x 1 3/4hr.

Report Start Date
01-Jan-00

Specimen Report for AUDUBON / 038

Report End Date
26-Jan-07



3 Jun 2001	Behavior note	0.2: day 5 of nocturnal video monitoring. Both laid down 2x thruout PM for total of 1 1/2 hrs of sleep each. 579 off chains very early on, abt 7-8pm. Both swayed a lot w/several breaks of resting w/head on wall (038) & trunk on pipes (579).
12 Jun 2001	Behavior note	0.2: at closeout, began giving them access to exhib yd at nite to reduce time on chains. Brief chaining w/be part of AM routine before zoo opening. Altho no videocamera set up yet for exhib yd, barn w/be video monitored x several days to see if they w/still use barn & how often. 1 handler w/stay until abt 9PM each nite this week to monitor behav.
13 Jun 2001	Behavior note	0.2: last nite's watch until 9:30. Observed elephants being very relaxed w/no head swaying behav seen. 1st couple hrs spent eating in barn, then they ventured into yd. 038 played w/chime, 579 ate some bamboo browse. Overnite video showed them spending only brief period in barn at any 1 time (10-45minutes max). Guess they spent 35% or less of their time in barn. Both outside for abt 2hrs (2-4AM). May have laid down to sleep in yd during this time? Again, when time spent in barn, no head swaying observed on tape.
14 Jun 2001	Behavior note	0.2: routine weighing. Overnite video/last nite's watch showed similar behav as day 1-relaxed, no head swaying, staying in barn 35% or less. This AM, appeared that 1 (probably 579) laid in yd at some point to sleep, as there was a lg crater/body impression seen in sand. 579 observed playing w/log piece in barn on a couple occasions. Last 2 nites they have managed to get their barn drain covers off by wedging their leg chains in slats & pulling up-so it appears. Tonite their chains w/be connected together so they can't play w/them.
15 Jun 2001	Behavior note	0.2: overnite video/last nite's watch showed they spent a little more time in barn than last few nites (abt 55%), but were still observed as calm/relaxed. Time spent in barn was to eat/drink. 038 played w/leg chains near barn drain covers, but because chains were connected, she c/not wedge them in drain covers; therefore covers were in place this AM. 038 also observed playing w/chime in yd x abt 20min. Again this AM, body impressions/craters observed in yd to indicate they probably slept in yd briefly.
16 Jun 2001	Behavior note	0.2: overnite video/last nite's watch showed similar behav consistent w/prev nites-spent 40-50% of time in barn-barn time mostly for eating/drinking-enjoying browse given So far no compliance issues w/their handlers-elephants have been behaving w/in normal expectations.
17 Jun 2001	Behavior note	0.2: last nite overnite video similar behav as prev nites. 579 did sleep in barn abt 1 1/2hrs, otherwise lots of in/out stuff. Only a couple min of brief pacing in early AM by 579-probably due to waiting for staff to arrive.
29 Jun 2001	Behavior note	0.2: last couple nites Staff have been video taping their activity in exhib yd overnite-flood lite set up next to yd to provide a good picture on camera. Videos show they have spent only 20-25% of their time in yd. Activities have included playing w/chime & lock to moat gate. No sleeping observed outside (maybe due to flood lite?). Videotaping w/occur x a few more nites. Elephants continue to be relaxed/content w/expanded free time.
7 Jul 2001	Medical/Rx/Tx note	0.2: Eye exam by Dr. Gray (LSU School of Vet Med). 038=Trace scarring/edema in R eye in central cornea; rest of ocular exam WNL. L eye WNL.
4 Aug 2001	Enrichment	0.2: given a deer hide for enrichment. They were VERY excited. Lots of trumpeting & vocalizations. 038 tried to kick it & smash it into the sand. 579 was afraid of it & wouldn't approach it.
13 Aug 2001	Husbandry/management	0.2: due to contruction on barn floors, left outside overnite & taken to sectioned off area next to sealion filtration during day, mostly afternoons for shade. W/remain outside w/o access to barn x3 days.
16 Aug 2001	Fecal check/worming	Routine fecal taken.
21 Aug 2001	Fecal check/worming	Resubmitted fecal samples to hosp.
30 Aug 2001	Research obs/procedure	0.2: bled from L pinna for serum banking, as per original reproductive hormone assay protocol. W/continue to bleed periodically for data collection/continuity.
2 Oct 2001	Medical/Rx/Tx note	0.2:Dr. Miller (Aquar vet) took xrays of front feet as per SSP recommendations. No changes noted, clean bill of health.
17 Oct 2001	Medical/Rx/Tx note	0.2: begin routine blood drawing for hormone assay banking again-w/do bi-weekly instead of weekly this time. Blood drawings w/be per SSP recommendations & AZA elephant management recommendations.
7 Nov 2001	Medical/Rx/Tx note	Routine weighing. 05 Dec=routine weighing.
15 Jan 2002	Medical/Rx/Tx note	0.2: weighed. Note: new scales used & are to be used from now on; no longer using old truck scales.
23 Jan 2002	Medical/Rx/Tx note	Bled from L ear for serum banking. 06 Feb=bled from L ear for serum banking.



17 Feb 2002	Fecal check/worming	Routine fecal to hosp.
21 Feb 2002	Medical/Rx/Tx note	Has small abscess on inside L rear leg; has a couple of small openings, some pus expressed last few days. Flushed BID with Nolvasan. Vet checked-Section to continue to clean site. Recheck in 3-4 days.
26 Feb 2002	Medical/Rx/Tx note	Weighed. Vet rechecked abscess on L medial thigh. Area still swollen/warm, though less than at previous exam. There appears to be an opening through skin into abscess-draining tract. Abscess healing. Continue to monitor/recheck in 3-4 days.
1 Mar 2002	Enrichment	038/579: shapes/symbols drawn in chalk on barn floor & walls as enrichment. Both checked all shapes & even tried to pick some up.
1 Mar 2002	Medical/Rx/Tx note	Abscess on L rear leg appears to have healed.
1 Mar 2002	Medical/Rx/Tx note	Abscess on L rear leg appears to have healed. 02 Mar=veterinarian rechecked abscess on L medial thigh. Area mildly swollen, though no longer warm. There is still an opening through skin into abscess (draining tract), though keepers report no draining past couple of days. Continue to monitor, recheck in 3-4 days.
18 Apr 2002	Medical/Rx/Tx note	Weighed. Up 40lb.
19 Apr 2002	foot/bek/tooth/wing-care/mgt	Foot trim on both rear feet (pads on nails).
25 Apr 2002	Quar/routine/preship Px	0.2: annual Px at hospital. Bled, trunk wash SID x3 days for SSP protocol/TB project. Ultrasound taken of chest cavity for Harvard study/respiratory research.
26 Apr 2002	Quar/routine/preship Px	0.2: trunk was sample taken (SSP protocol for TB project). 27 Apr=as on 26 Apr. 03 May=CBC/Chem results WNL.
16 May 2002	Medical/Rx/Tx note	Routine bleed for serum banking.
17 May 2002	Fecal check/worming	Fecal sample to hospital due to loose stools. 18 May=resubmitted fecals on 038/579. Yesterday fecal had Cestodes, so doing a recheck on them before treating.
21 May 2002	Husbandry/management	0.2: busted up the top portion of rockwork by pool wash down area (approx 3x6' area). Rebar/lathe exposed. To be repaired tomorrow-elephants locked inside barn overnight.
22 May 2002	Husbandry/management	0.2: kept in barn most of day & overnight due to rockwork repair.
24 May 2002	Enrichment	0.2: a very large log was added to yard for eating/scratching. The 6-7' section of pecan tree from Monkey Hill tree house was chained to exhibit yard side gate because 579 started shoving/rolling it around yard. Both elephants appeared to have a good time with it-removing rotted insides from it's 3-4' diameter.
5 Jun 2002	foot/bek/tooth/wing-care/mgt	Foot trim on R rear foot.
6 Jun 2002	Fecal check/worming	Resubmitted fecal, per hosp request.
6 Jun 2002	Medical/Rx/Tx note	Weighed.
9 Jun 2002	Medical/Rx/Tx note	0.2: bled for serum banking.
11 Jun 2002	Medical/Rx/Tx note	Appeared to have broken off her L tusk. The found tusk was 1 1/4" long by 1/2" wide. No blood/pus found on/around tusk socket site.
12 Jun 2002	Enrichment	0.2: given frozen fruit pops on a chain; good enrichment x 30min.
3 Jul 2002	Medical/Rx/Tx note	0.2: begin bleeding weekly instead of bi-weekly to further AI investigation - for 038 especially.
8 Jul 2002	Enrichment	0.2: given a bowling ball to play with this afternoon. Both seemed to enjoy playing with it.
19 Jul 2002	Medical/Rx/Tx note	Routine weight taken. 31 Jul=bled as per protocol for serum banking.
10 Aug 2002	Medical/Rx/Tx note	Has had little appetite/subdued demeanor & little fecal production last couple days. Fecal produced has had a lot of dirt/sand/rock/shell in it-grey coloration. Vet check=suspect sand impaction/colic. Begin giving about 1/2gal vegetable/mineral oil via syringe into mouth or on grain-continue x next couple days. Monitor & discontinue if stool quality becomes normal.
13 Aug 2002	Medical/Rx/Tx note	Resolved gravel/sand impaction/colic. Section to repeat 1gal mineral oil to both elephants before closeout. Feces amount/consistency/frequency normal. Behavior/appetite normal. Discontinue mineral/vegetable oil Tx. Will monitor.
19 Aug 2002	Enrichment	0.2: given a new wind chime. Both very interested in it-579 especially had a good time roughly clanking it around.
5 Sep 2002	Medical/Rx/Tx note	0.2=bled for serum banking.
10 Sep 2002	Enrichment	0.2: CD of Baton Rouge elephants' sounds today. They seemed a little frightened, but curious, running in/out of the barn repeatedly.
11 Sep 2002	Medical/Rx/Tx note	0.2: bled for serum banking.

Report Start Date
01-Jan-00

Specimen Report for AUDUBON / 038

Report End Date
26-Jan-07



28 Sep 2002	Medical/Rx/Tx note	Bled for serum banking.
2 Oct 2002	Medical/Rx/Tx note	0.2=bled for serum banking. 09 Oct=0.2 bled for serum banking.
16 Oct 2002	Medical/Rx/Tx note	Bled, per protocol.
23 Oct 2002	Enrichment	0.2: taken into B8 exhibit this afternoon for enrichment. All went well & there was very little reaction from the birds. Will try to make this a regular routine.
24 Oct 2002	Medical/Rx/Tx note	0.2: bled for serum banking. Also bled on 30 Oct, 06 Nov.
8 Nov 2002	Fecal check/worming	Routine fecal submitted.
15 Nov 2002	Medical/Rx/Tx note	Bled by keepers, as per protocol.
6 Dec 2002	Medical/Rx/Tx note	0.2: bled by preceptor for serum banking. 18 Dec=bled for serum banking as per protocol. 27 Dec=bled by Keeper for serum banking as per protocol.
28 Dec 2002	Medical/Rx/Tx note	Vet examined ears due to exhibitmate's otic discharge; all systems WNL. Consider resolved.
2 Jan 2003	Medical/Rx/Tx note	Bled from L ear by Keeper for serum banking. Also bled on 17/23 Jan, 08/12/22 Feb.
26 Feb 2003	Fecal check/worming	Routine fecal to hosp.
1 Mar 2003	Medical/Rx/Tx note	0.2: bled as per ongoing protocol. Also bled on 8/14/21/27 Mar, 16/24 Apr.
24 Apr 2003	Enrichment	Given palm log collected from Commissary Manager's house.
30 Apr 2003	Medical/Rx/Tx note	While on AM walk, she stepped on a screw near the TBH. Screw was embedded about 1/4" into her pad. Vet checked & prescribed Betadine Tx followed by iodine x2days.
1 May 2003	Medical/Rx/Tx note	Tx on front R foot for screw hole wound ended today, per Vet. Bled today for serum banking as per protocol.
8 May 2003	Medical/Rx/Tx note	Bled for serum banking as per protocol.
14 May 2003	Quar/routine/preship Px	Annual Px. Eyes, ears, teeth checked, heart listened to-all visible/palpable systems WNL. Inhouse blood results WNL-healthy animal. Schedule trunk wash for culture. 15 Jun=bloodwork results WNL/resolved.
22 May 2003	Medical/Rx/Tx note	Bled for serum banking as per protocol. Also bled for banking on 29 May.
3 Jun 2003	Medical/Rx/Tx note	0.2 038/579: trunk wash performed. Bloodwork returned WNL, except 038 has slight indication of inflammation-consider re-submitting blood for testing when next bled. 15 Aug=culture results negative for mycobacteria.
4 Jun 2003	Medical/Rx/Tx note	Received 2nd trunk wash & bled for serum banking as per protocol. 5 Jun=rec'd 3rd/last trunk wash for TB testing.
2 Jul 2003	Medical/Rx/Tx note	Bled as per protocol. Same on 17 & 24 July.
29 Jul 2003	Note	Taken to CZ Contact Yard to move a boulder into the exhibit.
31 Jul 2003	Medical/Rx/Tx note	Bled for serum banking as per protocol. Also bled on 08, 16, 22 Aug.
23 Aug 2003	Fecal check/worming	Routine fecal to hosp.
28 Aug 2003	Medical/Rx/Tx note	Bled for serum banking as per protocol.
3 Sep 2003	Medical/Rx/Tx note	Weighed today, using show tub modified by Joe-The-Welder to fit on scale pods. Slight weight increase could be do to new method & will be monitored. (weight considered normal)
11 Sep 2003	Husbandry/management	0.2 038/579: taken for after hours walks tonight for enrichment. Will become a weekly routine.
18 Sep 2003	Enrichment	Assisted LA Swamp section by moving cypress logs for them. (enrichment)
19 Sep 2003	Medical/Rx/Tx note	Bled for serum banking as per protocol. Also bled 30 Sept, 16 & 23 Oct.
13 Nov 2003	Enrichment	0.2 038/579: given new enrichment log feeder today with mixture of produce in it. 579 especially enjoyed knocking it around, but had to be supervised or otherwise it would have been crushed under her foot.
3 Dec 2003	Medical/Rx/Tx note	Bled for serum banking as per protocol. (bv)
26 Dec 2003	Medical/Rx/Tx note	0.2 038/579: Bled for serum banking as per protocol. (bv)
12 Jan 2004	Enrichment	0.2 579/038: Christmas tree given to the elephants for enrichment.
13 Feb 2004	Quar/routine/preship Px	Routine fecal to hospital.
27 Feb 2004	Enrichment	0.2 038/579: each given a feeder log (hard plastic log with holes in it for treats for enrichment. Both enjoyed them; 038 smashed hers in, but it popped out later.
8 Mar 2004	Medical/Rx/Tx note	Has an abscess on the left side of her chin. Will flush with nolvasan until healed. (bv)
9 Mar 2004	Medical/Rx/Tx note	Section: Vet checked and confirmed abscess on left side of her chin, continue with nolvasan flush. Hospital: Vet exam due to reported draining abscess L jaw. Section to treat with hot compresses, flush

Report Start Date
01-Jan-00

Specimen Report for AUDUBON / 038

Report End Date
26-Jan-07



twice daily. Recheck 16Mar04. (bv)

9 Mar 2004	fol/bek/toth/wng-care/mgt	Right foot and back pads trimmed as well as front left heel trimmed. (bv)
12 Mar 2004	Diet/feeding notes	0.2 579/038: Introduced bahia hay into the diet because of past poor hay quality with the bermuda hay. Elephants are now eating timothy hay and bahia hay. They readily eat the timothy hay and consumed the bahia hay we hgave them last night and today (1/2bale). (bv)
17 Mar 2004	Diet/feeding notes	0.2 579/038: Were tried on a new shipment of Bahia hay, but they did not like it. Keepers will continue feeding Timothy hay. (bv)
17 Mar 2004	Human	0.2 579/038: keepers worked on re-tuning of elephant show, particularly the "lie down" portion. (bv)
17 Mar 2004	Medical/Rx/Tx note	Recheck of abscess left mandible by Vet. Wound has healed, consider resolved. Release to section. (bv)
25 Mar 2004	Medical/Rx/Tx note	Routine blood collection.
26 Mar 2004	Medical/Rx/Tx note	Has been hesitant to lie down. Curators noticed an abnormality in her gait, especially when getting up. Suspected to be right rear. Hospital has been notified & shows/hind leg stands will be avoided until further notice. Section will continue with Demos & Contact Areas.
27 Mar 2004	Medical/Rx/Tx note	Vet exam due to report that animal reluctant to lie down in certain areas & prefers to have her head elevated on something when lying down. Exam revealed very minor abnormality in hind limb gait (possible R?) though no obvious swelling/warmth to the limbs apparent. Possible Dx: arthritis in hind limbs and/or pelvis, possible inner ear/sinus infection which causes discomfort when recumbent. Recommend Xraying hind limbs. Plan to draw blood 30 March for CBC/Chem. Initiate anti-inflammatory Tx for pain PO SID x7 days. Reassess 29 March.
29 Mar 2004	Medical/Rx/Tx note	Vet discussed condition with Curator. Suspect possible hind limb DJD. Recommend 1 week without lying down. Walking OK as long as not vigorous. Plan to Xray/take blood.
30 Mar 2004	Medical/Rx/Tx note	vet recheck of lameness, right rear. Bled for lab & banking. Looked in ears. Xray'd right rear leg. Animal BAR, accepting oral meds well as per Section. Chronic condition, not debilitating. Section to continue current Tx. Reassess next week.
2 Apr 2004	Medical/Rx/Tx note	7th & final day for Phenylbutazone Tx for suspected arthritis.
7 Apr 2004	Medical/Rx/Tx note	Bloodwork results may indicate chronic inflammation/infection, or normal for her. She appears within normal limits. Rebled at annual exam next month. Vet visual observation today. Considers her arthritis to be resolved for now. Section will continue to monitor & proceed with normal behaviors. Weighed today.
7 Apr 2004	Research obs/procedure	Routine weekly blood sample taken.
12 Apr 2004	Enrichment	0.2 038/579: given a new beer keg chained to new rock in elephant yard. (for enrichment)
15 Apr 2004	Enrichment	0.2 038/579: taken out after 5PM, for hang time in the zoo.
15 Apr 2004	fol/bek/toth/wng-care/mgt	Nails on both front feet and pad on left rear foot trimmed.
15 Apr 2004	Medical/Rx/Tx note	Weekly routine blood draw. As of today, we are resuming normal Elephant Show schedule. 038 still nervous about lying down in show area; since she will lie down fine in other areas of yard, Section assumes it's behavioral & will continue to work on it with her.
22 Apr 2004	Research obs/procedure	Routine blood draw.
24 Apr 2004	Enrichment	0.2: pulverized, smeared, eviscerated, mangled, annihilated a female red eared slider/eastern river cooter inside the exhibit. 038 is prime suspect, as 1 of her bloody footprints was found at the scene.....eggs were found with parts of the body. We will call this enrichment.....
24 Apr 2004	Enrichment	0.2: given plastic feeder log with produce on exhibit. Both ate all the produce & then 038 spent much of afternoon kicking it around exhibit. 2579 tried to smash hers & speared it with her tusks. Visitors seemed to enjoy. (enrichment)
28 Apr 2004	fol/bek/toth/wng-care/mgt	Yesterday, pads/nails on both front feet trimmed; today, rear pads trimmed.
30 Apr 2004	Enrichment	0.2 038/579: given 2 medium size tires today for enrichment. Both really enjoyed throwing them around, kicking/stomping them.
1 May 2004	Research obs/procedure	Weekly blood sample taken to Hosp. Also bled on 5 May.
5 May 2004	Medical/Rx/Tx note	Weighed-down to 6999 lb from 7037 lb 7 April; declining trend probably due to change in seasons which allows for more walks & activities.
12 May 2004	Research obs/procedure	Routine blood draw taken by hospital. Bloodwork reulsts within normal limits.



		20 May=bled for serum banking as per protocol.
18 May 2004	Quar/routine/preship Px	Annual exam & trunk wash for TB. Eyes, ears, mouth, heart, feet checked-all visible/palpable systems within normal limits. 19 May=day 2 trunk wash for TB. 20 May=3rd/last day of trunk wash. 22 May=blood results within normal limits.
27 May 2004	Research obs/procedure	Routine blood draw taken by Hospital. 03, 10, 17, 26, 30 June=routine blood draw.
30 Jun 2004	fof/bek/toth/wng-care/mgt	Left rear pad and nails trimmed.
1 Jul 2004	fof/bek/toth/wng-care/mgt	Trimmed pads/nails on right rear foot.
3 Jul 2004	Fecal check/worming	Fecal sample sent to hospital. Appeared a little mucoid.
8 Jul 2004	Research obs/procedure	Routine blood draw. Also on 14 July.
19 Jul 2004	Medical/Rx/Tx note	Weight=6570 lbs, down 429 lbs from 5 May. Section pleased with weight reduction, which is probably due to high activity this time of year.
20 Jul 2004	fof/bek/toth/wng-care/mgt	Front pads and nails trimmed on both feet.
21 Jul 2004	Research obs/procedure	Routine blood draw. Also on 29 July.
31 Jul 2004	Medical/Rx/Tx note	0.2: final trunk wash culture results negative. Consider resolved.
5 Aug 2004	Research obs/procedure	0.2: bled for serum banking as per protocol.
10 Aug 2004	fof/bek/toth/wng-care/mgt	Trimmed nails on both front feet.
13 Aug 2004	Research obs/procedure	Routine blood draw, by AHCC preceptors.
14 Aug 2004	Enrichment	0.2: new giant log moved into yard and old one removed. (enrichment)
17 Aug 2004	Medical/Rx/Tx note	0.2: scrubbed today and mineral oil applied to aid with dry skin.
20 Aug 2004	Fecal check/worming	Routine fecal submitted to hospital.
20 Aug 2004	Research obs/procedure	Routine blood draw for serum banking.
25 Aug 2004	Husbandry/management	0.2 038/579: spent most of day in old bison yard while work being done in their exhibit. Had a great time eating/ripping up vegetation.
26 Aug 2004	Research obs/procedure	Routine blood draw by Hospital.
27 Aug 2004	Enrichment	0.2 038/579: given a new very large Boomer Ball today for enrichment. 038 especially enjoyed kicking it around the exhibit (including the pool) and sitting on it.
7 Sep 2004	Enrichment	Moved logs out of Children's Zoo goat yard this AM. 28 Sept=038/579 both enjoyed hang time in B8 this afternoon. (enrichment)
9 Sep 2004	Research obs/procedure	Routine blood draw. 22 Sept=bled for serum banking, per protocol.
6 Oct 2004	fof/bek/toth/wng-care/mgt	Nails on left front foot trimmed.
7 Oct 2004	Medical/Rx/Tx note	038/579: weighed. Since 19 July 579 has gone up 470 lbs to 10,200 lbs. 038 has gone up 630 lbs to 7200 lbs. Not sure of cause of weight gains, as exercise/diet have not changed since July. Staff will monitor.
7 Oct 2004	Research obs/procedure	Blood sample taken by hospital today. 15 October=routine blood draw for serum banking, per protocol.
12 Oct 2004	fof/bek/toth/wng-care/mgt	Filed nails on front feet.
15 Oct 2004	Enrichment	0.2: given bowling ball for enrichment. Both enjoyed kicking it around and 579 managed to crack it in half. Fun, fun!
20 Oct 2004	Research obs/procedure	Routine blood draw for serum banking by hospital preceptor, intern as per protocol. Procedure also done on 30 October.
3 Nov 2004	fof/bek/toth/wng-care/mgt	Front nails trimmed today.
8 Nov 2004	Enrichment	0.2: given chopped produce and pumpkins on exhibit for enrichment. 10 Nov=0.2 given hang time in B8 yard for about an hour this afternoon.
11 Nov 2004	Research obs/procedure	Routine blood draw.
17 Nov 2004	fof/bek/toth/wng-care/mgt	Rear nails/pads trimmed. 18 Nov=both front pads/nails trimmed.
19 Nov 2004	Enrichment	0.2: for enrichment, 038/579 given large sheet of paper with paint on it. Neither interested in painting, but



plenty of attempts to eat the paper were made.
30 November=moved large logs out of contact area into the exhibit using their harnesses.

1 Dec 2004	Research obs/procedure	Routine blood draw taken by hospital. Same on 9 Dec.
6 Dec 2004	Note	0.2: Section reported to Hospital that animals may have ingested parts of a microphone/approximately 25' of copper cord. Administered 1 gallon mineral oil to each animal. Animals bright/alert/responsive, passing stool. Section to monitor, bleed for copper levels in 1 month.
8 Dec 2004	Note	0.2: routine weighing. Both began passing pieces of microphone cable that was eaten on Sunday night - pieces coming out, not long strands. Will continue to monitor.
17 Dec 2004	Research obs/procedure	0.2: routine blood draw; from L ear vein by Vet preceptor for serum banking. 31 Dec=routine blood draw by hospital.
28 Dec 2004	fof/bek/toth/wng-care/mgt	0.2: all nails on both front filed/cleaned.
6 Jan 2005	Research obs/procedure	Routine blood draw.
6 Jan 2005	Research obs/procedure	0.2 bled by Vet preceptor for copper levels and serum banking as per protocol. Bleed 038 again 13 Jan and 579 in a month. 14 & 29 Jan=bled for serum banking, as per protocol.
3 Feb 2005	fof/bek/toth/wng-care/mgt	Rear pads and nails trimmed.
4 Feb 2005	Research obs/procedure	Routine blood draw taken by hospital.
9 Feb 2005	fof/bek/toth/wng-care/mgt	Front pads and nails trimmed on both feet.
24 Feb 2005	Research obs/procedure	Bled for serum banking as per protocol.
4 Mar 2005	Enrichment	0.2 038/579: given 2 large backhoe tires to enjoy (enrichment). Both roared and got really excited. 038 was guarding all 3 tires (2 new ones and her own).
10 Mar 2005	Enrichment	0.2: walked in afternoon down the back road.
15 Mar 2005	Enrichment	0.2: had a lot of fun with their Boomer Ball in the barn this afternoon, kicking it around, hitting it against the wall and playing "soccer" with handlers. (enrichment)
17 Mar 2005	Medical/Rx/Tx note	Copper results back = within normal limits.
18 Mar 2005	Research obs/procedure	Routine blood draw taken by hospital for serum banking, per protocol. 31 March=routine blood draw taken to hospital.
21 Mar 2005	fof/bek/toth/wng-care/mgt	0.2: nails and cuticles on all 4 feet cleaned/filed.
4 Apr 2005	Behavior note	Will no longer lie down on any flat surface (only slanted/sloped surfaces). She seems to be very nervous about (or uncomfortable with) her surroundings.
15 Apr 2005	Medical/Rx/Tx note	0.2: blood drawn.
20 Apr 2005	Medical/Rx/Tx note	Routine weighing on truck scales. Will weigh again soon on 4 point scales.
20 Apr 2005	fof/bek/toth/wng-care/mgt	Trimmed/filed nails on both front feet. 11 May=worked on and filed right front foot.
21 May 2005	Enrichment	0.2 038/579: both had faces and trunks painted for Asian Pacific Festival. Each had a head garland and a blanket on their back as well. Elephants were very well behaved and public really enjoyed. The decorations stayed on until the 12:00 show.
24 May 2005	Quar/routine/preship Px	Given annual physical, trunk wash TB test, bled. Eyes, mouth, ears, feet checked. All visible/palpable systems within normal limits. 25 May=trunk wash #2 of 3. 3rd of 3 trunk washes for TB culture done 26 May. 29 May=bloodwork within normal limits. TB results negative. Consider resolved.
27 May 2005	fof/bek/toth/wng-care/mgt	Filed both back feet.
28 May 2005	Enrichment	0.2 038/579: given large barrel in exhibit. 038 had great time kicking it around exhibit and in the pool all afternoon.
4 Jun 2005	Research obs/procedure	Routine blood draw taken to hospital yesterday. Also bled on 21 June.
7 Jun 2005	Medical/Rx/Tx note	0.2 038/579: hospital performed trunk wash for culture (last sample contaminated). Will repeat on next 2 days. 2nd trunk wash done on 8 June, 3rd/last on 9 June.
18 Jun 2005	Enrichment	0.2 038/579: given cantaloupes for cantaloupe squash after 3PM show. They loved it and it was a hit with the crowd.
3 Jul 2005	Enrichment	0.2 038/579: given a keg with cut produce inside. Both spent most of the afternoon kicking it around to



retrieve produce.

06 July=heavy storm last night. Elephants pulled trees from moats in Asian Domain and Primates.

8 Jul 2005	Research obs/procedure	Routine blood draw. Same on 14 and 20, 29 July.
15 Jul 2005	Medical/Rx/Tx note	0.2 weighed. 038 down 364 lbs, 579 down 300 lbs since 20 April 2005. This is desirable and could be due to active summer season.
19 Jul 2005	foot/bek/tooth/wing-care/mgt	Front nails filed.
27 Jul 2005	Medical/Rx/Tx note	Hospital took screening/baseline radiographs as part of AZA standards for management of elephants = 4 of right front foot and 2 of left front foot.
4 Aug 2005	Research obs/procedure	Routine blood sample taken by hospital.
15 Aug 2005	Enrichment	038/579: taken to old Bison yard this afternoon
23 Aug 2005	Fecal check/worming	Routine fecal to Hospital.
25 Aug 2005	Research obs/procedure	Routine blood draw for hormone monitoring taken by Hospital from both elephants.
28 Aug 2005	Husbandry/management	0.2 038/579: locked in Sunday, 28 August 2005 in preparation for Hurricane Katrina. By Monday afternoon they were given open house (no damage to their exhibit). 31 August=water was lost Wednesday 31 August and came back on 6 September 2005 (Tuesday). So only dry cleaning was done during that time. Stored water was used for drinking.
28 Aug 2005	Diet/feeding notes	0.2: being fed 2 bales of hay and 1/2 bag of grain per day since Hurricane Katrina. 09 September: (Sunday) reduced hay to 1 1/2 bales and increased grain to a whole bag, because of possible hay shortage. (This is the total amount of food for the elephants). The girls were getting a lot of browse and seemed to do fine with this reduction.
4 Sep 2005	Note	0.2: girls doing fine, keeper does short afternoon workouts with them that they are very good for. Still no water or electricity post Hurricane, so pool very dirty, but they still go for swims.
5 Sep 2005	Diet/feeding notes	0.2: hay bumped up to 2 bales (total) today (Monday) because of Baton Rouge shipment getting through to the zoo.
7 Sep 2005	Medical/Rx/Tx note	0.2: given 1 gallon of mineral oil each today (Wednesday) because of dark crumbly stool. Their stool DID improve after this.
17 Oct 2005	foot/bek/tooth/wing-care/mgt	579/038: filed all front nails. Outer nails on front feet filed on 579.
18 Oct 2005	foot/bek/tooth/wing-care/mgt	Nails filed on rear feet
6 Nov 2005	foot/bek/tooth/wing-care/mgt	0.2 038/579: trimmed pads of front feet.
11 Nov 2005	Medical/Rx/Tx note	Trunk wash culture negative.
28 Nov 2005	Enrichment	0.2 038/579: mulch pile in yard.
6 Jan 2006	Medical/Rx/Tx note	Section reports that she appears stiff during some behaviors. Plan to start oral joint supplement because of positive results of treatment on conspecific 579.
7 Jan 2006	Enrichment	0.2 038/579: received a christmas tree for enrichment. They enjoyed it and then they ate it.
23 Jan 2006	foot/bek/tooth/wing-care/mgt	Trimmed nails and pads on back feet.
1 Feb 2006	foot/bek/tooth/wing-care/mgt	Weighed. Filed cuticles on both front feet. 02 March=nails on both front feet trimmed. 03 March=rear nails on both feet trimmed.
16 Mar 2006	Foot management	0.2 038/579: trimmed 038's pads on all feet. Trimmed 579's pads and nails on both front feet.
22 Mar 2006	Fecal check/worming	Routine fecal submitted to hospital on 20 March.
21 Apr 2006	Enrichment	0.2: given large half-dead palm tree with fronds on exhibit. Both treading at it and eating it almost immediately.
30 Apr 2006	foot/bek/tooth/wing-care/mgt	Nails done on both back feet.
24 May 2006	foot/bek/tooth/wing-care/mgt	Rear pads and nails trimmed on both feet.
30 May 2006	Medical/Rx/Tx note	0.2: annual physicals today, blood drawn, vaccinated, general checkup and day 1 of trunk washes for TB testing.
31 May 2006	Medical/Rx/Tx note	Day 2 of TB testing (trunk wash).
1 Jun 2006	Medical/Rx/Tx note	Day 3 (last day) of TB trunk wash testing, reassess pending results.
9 Jun 2006	Foot management	Filed nails on both front feet.
14 Jun 2006	Enrichment	0.2: received watermelons for Zoobilation watermelon stomp. Visitors enjoyed.

Report Start Date
01-Jan-00

Specimen Report for AUDUBON / 038

Report End Date
26-Jan-07



21 Jun 2006	Medical/Rx/Tx note	0.2: routine blood sample taken to AHCC.
3 Jul 2006	Medical/Rx/Tx note	0.2: rabies titers OK, no need to vaccinate at this time.
26 Jul 2006	Behavior note	Last night elephants ripped down hot wire (wasn't working), gutters and slate from bear side breezeway roof. Girls are locked in tonight and hot wire will be replaced tomorrow.
4 Aug 2006	Foot management	Trimmed pads and nails on both back feet.
17 Aug 2006	Enrichment	0.2 038/579: taken to B8 for free time/enrichment.
1 Sep 2006	Foot management	0.2: trimmed and filed all nails on front feet.
5 Sep 2006	Foot management	0.2: trimmed and filed nails on both back feet
12 Sep 2006	Enrichment	0.2: taken into B8 exhibit for afternoon to browse and exercise, returned to B1.
13 Sep 2006	Enrichment	0.2: given large drain plug for enrichment, they enjoyed kicking it around.
15 Sep 2006	Enrichment	Playing with a big rubber drain plug in the pool, dunking it, kicking it, rearing up at it and head butting it, visitors really enjoyed watching her.
3 Oct 2006	Enrichment	0.2 taken to old bison yard, a good time was had by all.
24 Oct 2006	Foot management	Trimmed both front foot pads.
24 Oct 2006	Enrichment	1.1: taken to exhibit B8 for browsing
8 Nov 2006	foot/bek/tooth/wing-care/mgt	Trimmed nails on right front.
29 Dec 2006	Foot management	Back feet pads and nails trimmed and filed.
6 Jan 2007	Husbandry/management	Enrichment: 0.2 given a Christmas tree this afternoon.
21 Jan 2007	Medical/Rx/Tx note	Sprayed mineral oil on her for dry skin.