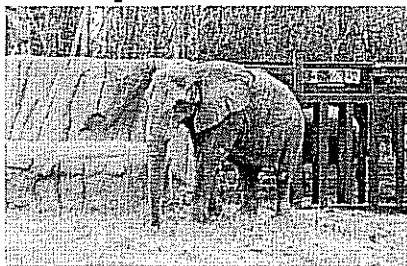


# Riverbanks Zoo's Elephant Profile



**Scientific Name:** *Loxodonta africana*

**Common Name:** African elephant

**House Name:** Penny

**Acquisition Date:** 10 December, 2001

**Sex:** Female

**Birth date:** ~Dec. 1979

**Birth Place:** Africa

**Weight:** 8810 lbs

## Transaction History:

Date	Type	From	To
~1981	Capture	Africa	Ferndale
30 June 1982	Transfer	Ferndale	Madison
15 Aug 2000	Transfer	Madison	Columbus
10 Dec 2001	Transfer	Columbus	Riverbanks

## Recurring Medical Problems and Current Physical Condition:

- Right tusk socket flushed with Nolvasan BID

## Socialization, Temperament, and Behavior History:

- Penny is well tempered and often attempts to avoid confrontations with the other animals. However, Penny is extremely food motivated and will often take food in the presence of the other animals regardless of the consequences.
- She is submissive when confronted or challenged by Belle #7031

## Management System:

- Managed utilizing protected contact.
- Penny has been conditioned to respond to head, hip and foot targets. She is very compliant performing daily husbandry behaviors such as, body positions and foot/ear presentations. She is also very compliant to enter the ERD.
- No ankus or chains are utilized at this time

## Types of Reinforcement:

- Desirable behaviors are reinforced with produce, bread, sweet feed, alfalfa hay, warm water, elephant supplement and verbal praise.
- Non-compliant and undesirable behaviors are punished utilizing a "no-response" consequence, which is a temporary loss of reinforcement and interaction.

## Breeding Potential:

- Hormonal blood values are currently being obtained on a weekly basis to further assess her reproductive condition.

- Penny is compliant in entering the ERD and remaining in there for various amounts of time. She is also compliant with placement of leg restraints, keepers walking around her while in ERD, and manipulation and handling of tail.
- Currently keepers are conditioning rectal palpations

*Updated January 2007*

Report Start Date  
1/1/1900

# Specimen Report for COLUMBIA / SJ1899

Report End Date  
4/17/2007



30 Apr 2005	Foot management	Filed toenails on front feet
3 May 2005	Animal management note	0.3 shifted into barn mid-afternoon to allow Keepers to clean dung piles & to place new enrichment on exhibit. Belle was slow to shift at first, other 2 shifted in quickly. Entire process took 35 minutes & went very smoothly for the first time. 0.3 received kale on exhibit.
5 May 2005	Animal management note	0.3 SJ1899 Penny, 7031 Belle, & 7336 Tumpe morning training sessions. 0.3 shifted into barn mid-afternoon to clean yard & place fresh browse on exhibit. Elephants shifted well.
6 May 2005	Enrichment	Received browse in AM & a hose down on exhibit in PM
9 May 2005	Enrichment	Received treat bags filled with produce
12 May 2005	Behavior note	Shifting went well in the afternoon. Belle slow to shift in and entered chute when Keepers were trying to shift Penny out. Penny entered into the barn & went into the ERD, very hesitant but productive. Elephants were hosed while inside.
17 May 2005	Foot management	0.1 SJ1899 Penny had both back feet trimmed and toe nails filed.
17 May 2005	Animal management note	Mid afternoon shift conducted with 0.3. Browse placed on exhibit & elephants hosed off in barn. Penny worked in ERD for additional 35 minutes. Everything went very smooth.
18 May 2005	Foot management	0.1 SJ1899 Penny had both front feet trimmed & toe nails filed.
19 May 2005	Enrichment	0.3 received tulip popular in PM. Mid- afternoon elephant shift went well. Elephants hosed. Elephants shifted in early and shifted for after hours event.
31 May 2005	Behavior note	Belle not complaint during mid-day shift, took 25 minutes for her to shift into 3rd stall. Produce was scattered on exhibit and them shifted 0.3 back onto exhibit. Penny put in the paddock, let other 2 out in front of her and then let her out.
2 Jun 2005	Foot management	Both front toe nails filed
3 Jun 2005	Animal management note	0.3 SJ1889 Penny, 7031 Belle and 7336 Tumpe shifted in early to service yard and to place browse on exhibit. 0.3 were then shifted back on exhibit for an after hours event
5 Jun 2005	Animal management note	0.3 had a pool training session in afternoon. Belle went completely under and played in the water for 15 minutes.
15 Jun 2005	Animal management note	Mid-day shift of elephants. Yard serviced and enrichment placed on exhibit. Elephants hosed while in the barn.
22 Jun 2005	Feeding	Penny and Tumpe's hay was decreased in evening to 1.5 bales each.
27 Jun 2005	Physical condition	0.1 SJ1899 Penny ate the blood collection set which includes a needle and tubing.
27 Jun 2005	Behavior note	Elephants hosed and given ice treats. Penny was moved over to stall #2 with 2A closed for hosing. She seemed to be much more comfortable and really enjoyed her "bath". She laid down 3X!
1 Jul 2005	Foot management	Penny's back feet trimmed and nails filed
7 Jul 2005	Foot management	Penny & Tumpe had front and back feet trimmed and nails filled.
13 Jul 2005	Animal management note	AM training session in barn & 4PM demonstration/ training session on exhibit .
19 Jul 2005	Foot management	0.1 SJ1899 Penny- trimmed both back feet and filed nails.
24 Jul 2005	Behavior note	0.3 elephants shifting is much improved.
27 Jul 2005	Animal management note	ERD training for Penny
29 Jul 2005	Foot management	Penny's front feet trimmed.
30 Jul 2005	Physical condition	0.1 SJ1899 Penny- 3rd vein on her right ear has a still soft but large hematoma. It will be monitored to make sure that it does not harden.
11 Aug 2005	Medical note	Successfully drew blood from the large vein located on the inside of her back left leg. Penny did very well.
12 Aug 2005	Enrichment	Given browse
14 Aug 2005	Behavior note	0.1 SJ1899 Penny bending the handle on the pin that connects the locks to the gate
16 Aug 2005	Foot management	0.1 SJ1899 Penny's front feet trimmed & toe nails filed. She has a bruise on the 2nd toenail of her left front foot. Pressure reduced on it & will monitor.
17 Aug 2005	Animal management note	Morning training sesion with Penny, Belle & Tumpe
19 Aug 2005	Animal management note	Training session with Penny, Belle & Tumpe
19 Aug 2005	Foot management	0.1 SJ1899 Penny- trimmed and filed on back foot.

Report Start Date  
1/1/1900

# Specimen Report for COLUMBIA / SJ1899

Report End Date  
4/17/2007



20 Aug 2005	Animal management note	Daily public demonstrations with 0.3 elephants SJ1899 Penny, 7031 Belle & 7336 Tumpe ended today so that elephant staff will have more time to train & prepare Penny for her AI procedure.
23 Aug 2005	Enrichment	Giraffe and elephant received enrichment in PM
24 Aug 2005	Animal management note	Unless otherwise noted, 0.3 elephants SJ1899 Penny, 7031 Belle & 7336 Tumpe are trained in the morning before going onto the exhibit. At mid day, shifted off exhibit so that the yard can be serviced and enrichment added.
26 Aug 2005	Animal management note	AM training session with 0.3. Attempted mid-day elephant shift but unsuccessful. Belle uncooperative, so she was directed back onto the exhibit and the door shut behind her, ending the session
27 Aug 2005	Animal management note	Mid-day elephant shift. Belle slow to shift, door closed for another try. Tumpe sent in with her the second time which seemed to make situation worse. Next time, Keepers will try to send Penny in with Belle. Belle did respond to the time out, sending another elephant in after her was an additional reward.
27 Aug 2005	Enrichment	Produce hidden on elephant exhibit mid-day
28 Aug 2005	Enrichment	Elephants hosed & enrichment placed on exhibit
30 Aug 2005	Foot management	0.1 Elephant SJ1899 Penny trimmed and filed back feet
1 Sep 2005	Enrichment	Given sweet gum on exhibit and animals hosed off in barn
2 Sep 2005	Foot management	Trimmed front feet and filed nails
3 Sep 2005	Enrichment	Tulip-poplar placed on exhibit for enrichment & elephants hosed.
4 Sep 2005	Enrichment	Enrichment placed on exhibit and elephants hosed.
5 Sep 2005	Enrichment	Enrichment placed on exhibit and elephants hosed.
6 Sep 2005	Enrichment	Tulip tree placed on exhibit for enrichment
10 Sep 2005	Enrichment	Bamboo on elephant exhibit; cajun spice sprinkled on hay in the morning
11 Sep 2005	Animal management note	Afternoon training session with elephants
13 Sep 2005	Animal management note	ERD training with Penny
15 Sep 2005	Animal management note	Elephants shifted in to barn after lunch to service yard. Holes were filled holes and yard raked.
19 Sep 2005	Enrichment	Received ice treat
20 Sep 2005	Foot management	Front feet trimmed
21 Sep 2005	Animal management note	Due to emergency medical procedure on 0.1 zebra SJ1524 Senanga, elephants and giraffes were shifted in early
29 Sep 2005	Animal management note	0.3 Elephants Penny, Belle & Tumpe are disassembling hot grass on exhibit
1 Oct 2005	Animal management note	More hot grass found on elephant exhibit. Animals on exhibit after dark for an after hours event
1 Oct 2005	Enrichment	Received sweet gum browse.
1 Oct 2005	Foot management	Penny second toe-nail on right front foot bruised and slightly torn; removed some and evened out.
2 Oct 2005	Enrichment	Afternoon food toss for elephants
3 Oct 2005	Animal management note	0.3 SJ1899 Penny, 7031 Belle & 7336 Tumpe- one or all chewed on small drop cord, origin of drop cord not found
3 Oct 2005	Animal management note	Hot grass was removed from exhibit & growth trimmed back from the top ridge of wall.
4 Oct 2005	Animal management note	Continuing to find pieces of hot grass on elephant exhibit
5 Oct 2005	Animal management note	Elephants pulled more hot grass pulled from exhibit
6 Oct 2005	Animal management note	0.3 elephants on exhibit until 9 PM for an after hours event
8 Oct 2005	Animal management note	0.3 elephants on exhibit until 10 PM for an after hours event
10 Oct 2005	Animal management note	Bamboo placed on exhibit for 0.3 elephants, on exhibit late due to after hours event
14 Oct 2005	Foot management	0.1 Elephant SJ1899 Penny trimmed back feet today
17 Oct 2005	Enrichment	Elephants received ice treats
18 Oct 2005	Foot management	Trimmed and filed back feet, worked on front nails
18 Oct 2005	Enrichment	Elephants received banana and sugar cane on exhibit
21 Oct 2005	Foot management	0.1 Elephant SJ1899 'Penny' filed toe nails on both front feet
24 Oct 2005	Enrichment	0.4 elephants received paper bags with bread & spices on exhibit

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1/1/1900

# Specimen Report for COLUMBIA / SJ1899

Report End Date  
4/17/2007



25 Oct 2005	Enrichment	Received banana leaves and stalks on exhibit
26 Oct 2005	Enrichment	Received banana trees on exhibit
28 Oct 2005	Enrichment	Food toss to elephants on exhibit
28 Oct 2005	Animal management note	Keepers checked area behind retaining wall on elephant exhibit for any weaknesses, no problems noted
31 Oct 2005	Enrichment	Received pumpkins
1 Nov 2005	Foot management	Trimmed and filed front nails
2 Nov 2005	Enrichment	New log placed on exhibit
4 Nov 2005	Foot management	Trimmed front feet.
4 Nov 2005	Enrichment	Pumpkins and browse (mimosa and bamboo) on exhibit for enrichment.
4 Nov 2005	Animal management note	Elephants on exhibit tonight due to after hours event.
10 Nov 2005	Enrichment	Elephants received enrichment bags in PM
11 Nov 2005	Animal management note	Elephants out late for after hours event
11 Nov 2005	Enrichment	Bamboo and pumpkins placed on exhibit and produce hidden around the exhibit.
13 Nov 2005	Enrichment	Received pumpkins for enrichment
15 Nov 2005	Foot management	0.1 Elephant SJ1899 'Penny' trimmed and filed front feet
18 Nov 2005	Research Study	Research study by Liz von Muggenthaler conducted on elephant exhibit today
18 Nov 2005	Physical condition	Staff received report of elephant eating electrical cord from Christmas decorations. It has been reported that either Belle 7031 or Tumpe 7336 had consumed it. Keepers will monitor.
19 Nov 2005	Physical condition	0.3 elephants again reported eating Christmas cords. Keepers continue to monitor them and fecal their output. Receptacles are too close to exhibit, work order put in to have it removed or moved to new location. Dr. Benson & Dr. Moore notified.
30 Nov 2005	Animal management note	Keepers performed demonstration behaviors on elephant exhibit with 0.3 Penny, Belle & Tumpe
5 Dec 2005	Enrichment	Large sycamore tree put in elephant exhibit for scratching post for Penny, Belle & Tumpe.
6 Dec 2005	Foot management	Light trim and filed nails on both front feet
9 Dec 2005	Foot management	Trimmed Penny's back feet.
9 Dec 2005	Enrichment	Elephants received bamboo on exhibit.
9 Dec 2005	Enrichment	Elephants on exhibit tonight due to an after hours event
14 Dec 2005	Animal management note	Due to cold weater, elephants shifted off yard at lunch time
15 Dec 2005	Animal management note	All animals inside today due to cold, rainy weather.
18 Dec 2005	Animal management note	Elephants inside due to cold weather. Received hay sprinkled with different spices & listened to radio
24 Dec 2005	Medical note	Penny's behavior was very abnormal this morning. She left about 75% of her hay. She was rocking in the corner, looking uncomfortable. She did not eat her morning grain and threw it at the keeper door. She was not cooperating with keepers and acting a little aggressive. Due to this behavior, blood draw was not done. Penny received pain medication & her behavior improved as the day progressed. Dr. Moore checked her. Keepers will monitor.
25 Dec 2005	Behavior note	Penny ate normal amount of hay and had the normal amount of feces in stall. She seems much more herself
1 Jan 2006	Enrichment	Elephants recieved produce hidden on exhibit.
5 Jan 2006	Animal management note	Elephants brought in early to service the exhibit, drain and clean the pool
7 Jan 2006	Foot management	0.1 Elephant SJ1899 'Penny' trimmed feet and filed nails on both back feet
10 Jan 2006	Foot management	0.1 Elephant SJ1899 'Penny' trimmed both front feet
14 Jan 2006	Animal management note	ERD training with Penny
14 Jan 2006	Enrichment	Food toss for elephants on exhibit and pine tree given in stalls
17 Jan 2006	Animal management note	Penny, Tumpe & Belle given TB test during training session
17 Jan 2006	Medical note	Penny has a superficial cut over right eye. Cleaned with novalsan & looks clean. Will monitor
20 Jan 2006	Enrichment	Food toss to elephants on exhibit & food hidden in tree
24 Jan 2006	Enrichment	Elephants received food toss on exhibit

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1/1/1900

## Specimen Report for COLUMBIA / SJ1899

Report End Date  
4/17/2007



26 Jan 2006	Enrichment	PM produce toss on exhibit to elephants.
27 Jan 2006	Enrichment	Received produce, spices, etc in bags on exhibit in PM
28 Jan 2006	Enrichment	Keepers made enrichment toy for elephant exhibit
3 Feb 2006	Enrichment	0.3 received onion spice and molasses placed on elephant exhibit in AM. More hay given out at 11:00 and paddock opened up at lunch time. Elephants received paper bags with produce pieces, spices, bread, jam and hay in PM
4 Feb 2006	Foot management	0.1 Elephant SJ1899 Penny trimmed both front feet and filed nails
4 Feb 2006	Enrichment	Pine given to elephants in the afternoon on exhibit
5 Feb 2006	Enrichment	Elephants given radio music for audio stimulation in backup in AM and pine (remaining from yesterday PM) on exhibit in AM. Small amounts of mashed potato smeared around exhibit in AM. Bamboo on exhibit in PM.
10 Feb 2006	Enrichment	Elephants given pine on exhibit in AM and PM
11 Feb 2006	Enrichment	Elephants received onion spice on their hay this morning.
12 Feb 2006	Enrichment	Elephants received Valentine treat boxes and a food toss on exhibit.
14 Feb 2006	Medical note	No longer drawing blood from Penny every day, just on Thursdays, until further notice
14 Feb 2006	Animal management note	0.2 Penny and Belle trained in the ERD. Penny now able to stay in the ERD with both doors closed and allowing trainers to touch her while in the ERD.
15 Feb 2006	Physical condition	Penny weighs 4054 kg; an increase of 82 kg since weighed two months ago on 12/13/05
17 Feb 2006	Animal management note	0.2 Elephant SJ1899 Penny & 7031 Belle had training sessions in ERD
21 Feb 2006	Medical note	0.3 Elephant SJ1899 Penny, 7336 Tumpe & 7031 Belle first out of three TB test completed
23 Feb 2006	Medical note	Penny, Tumpe & Belle completed second out of three TB tests; weekly blood samples submitted
23 Feb 2006	Enrichment	Elephants given bamboo stems on exhibit in PM
24 Feb 2006	Animal management note	ERD training in morning and mid-day for 0.2 Elephant SJ1899 Penny and 7031 Belle
25 Feb 2006	Medical note	0.3 Elephant SJ1899 Penny, 7031 Belle & 7336 Tumpe had final TB testing
28 Feb 2006	Enrichment	In PM, Elephants received sandwich-sized paper treat bags on exhibit
4 Mar 2006	Foot management	0.1 Elephant SJ1899 Penny trimmed all four feet and filed nails
5 Mar 2006	Enrichment	Elephants received bamboo on exhibit
9 Mar 2006	Enrichment	Elephants received pine browse on exhibit AM and PM
14 Mar 2006	Research Study	Researchers placed urine samples on elephant exhibit in AM
16 Mar 2006	Animal management note	To prevent elephants from roaring by the speakers and perimeter fence, Keepers moved the boulder back into place along perimeter of elephant exhibit
17 Mar 2006	Foot management	0.1 Elephant SJ 1899 Penny trimmed right front foot and filed nails
17 Mar 2006	Enrichment	Elephants received sweet gum logs placed on exhibit at afternoon shift
18 Mar 2006	Enrichment	Food toss to elephants on exhibit
18 Mar 2006	Animal management note	Completed cutting back brush from hot wire fence line behind elephant exhibit
19 Mar 2006	Enrichment	Elephants hosed off in afternoon, received produce around exhibit and onion powder on hay.
21 Mar 2006	Foot management	0.1 Elephant SJ1899 Penny both front feet trimmed and nails filed
21 Mar 2006	Animal management note	Plants trimmed away from hot wire in front of elephant exhibit
23 Mar 2006	Animal management note	Elephant pool drained and cleaned. In PM, yard was graded, holes filled in, and removed dirt accumulated around shift doors.
24 Mar 2006	Foot management	0.1 Elephant SJ1899 Penny trimmed both back feet
24 Mar 2006	Enrichment	Elephants received cabbage scattered and hidden on exhibit
25 Mar 2006	Enrichment	Elephants received cabbage wedges and regular produce scattered and hidden on exhibit in PM
29 Mar 2006	Animal management note	Secondary log barrier in elephant yard by pool has been pushed passed wooden post that was holding it and rolled down to primary barrier. Elephants have easy access to back area now. Primary barrier not compromised. Audio speaker not touched at this point
4 Apr 2006	Animal management note	Maintenance Department placed a cable by elephant pool to deter animals from entering back area
6 Apr 2006	Identification	7031 Belle has 0 tusks

Report Start Date  
1/1/1900

# Specimen Report for COLUMBIA / SJ1899

Report End Date  
4/17/2007



		SJ1899 Penny has 1 tusk 7336 Tumpe has 2 tusks
9 Apr 2006	Enrichment	Enrichment Encounter: Elephants received food and ice treats on exhibit..
11 Apr 2006	Foot management	0.1 Elephant SJ1899 Penny trimmed both back feet
12 Apr 2006	Enrichment	Food toss on elephant exhibit
13 Apr 2006	Enrichment	Elephants received ice treats in pm
14 Apr 2006	Foot management	Trimmed and filed nails on both of Penny's front feet
15 Apr 2006	Medical note	Penny ate plastic bag while on exhibit; keepers will monitor
17 Apr 2006	Animal management note	Elephants will be left out all night with access to paddock and stall 1
19 Apr 2006	Animal management note	Elephants shifted in at 4PM for new evening shift. The new shift worked really well, Keepers have more time to complete both giraffe and elephant exhibits. 7 bales placed out for elephants- two in paddock, two in stall #1 and three on exhibit
20 Apr 2006	Animal management note	Elephants evening shift at 4PM. 6.5 bales put out- two on exhibit, two in paddock and 2.5 in stall #1. Keepers will start work at 8AM instead of 8:30AM during the new elephant schedule
21 Apr 2006	Medical note	Elephants Penny ,Tumpe & Belle received first part of physical exams today. Dr. Benson felt lymph nodes, feet, ears, eyes and mouth
26 Apr 2006	Animal management note	Belle and Penny had training sessions this morning
26 Apr 2006	Animal management note	Penny, Belle & Tumpe given access to exhibit, paddock and three stalls due to threat of severe weather. All hay was placed inside the barn
27 Apr 2006	Animal management note	Elephants were shifted in at 2:30 & hosed off. Two bales of hay were placed on exhibit. Only two shifts today. The remaining 4.5 bales will be put in the paddock and stall #1
28 Apr 2006	Animal management note	Elephants were shifted in at 2PM. Two bales and browse were placed on exhibit & elephants shifted out. Remaining four bales were placed in the paddock and stall #1
2 May 2006	Foot management	Both of Penny's back feet were trimmed
5 May 2006	Foot management	Trimmed and filed her both of Penny's front feet
5 May 2006	Enrichment	Painted with her this morning
6 May 2006	Foot management	Finished trimming Penny's front feet
9 May 2006	Foot management	Trimmed both of Penny's back feet
12 May 2006	Medical note	Penny received a tetnus injection in her left shoulder
13 May 2006	Enrichment	Elephants received sweet gum on exhibit. Food toss and spices on exhibit in afternoon
17 May 2006	Animal management note	0.3 Penny, Belle and Tumpe were trained this morning
17 May 2006	Enrichment	Browse given to elephants
17 May 2006	Enrichment	Browse given to giraffe
18 May 2006	Enrichment	Elephants received pine on exhibit
19 May 2006	Medical note	0.2 Elephants SJ1899 Penny & 7031 Belle received rabies injections.
20 May 2006	Enrichment	Yesterday & today, produce was hidden on elephant exhibit
20 May 2006	Animal management note	Window fans were set up in the elephant barn
23 May 2006	Foot management	0.1 Elephant SJ1899 Penny trimmed & filed both front feet
24 May 2006	Enrichment	Yesterday & today, received sweet gum
26 May 2006	Animal management note	0.2 Elephants 7031 Belle & SJ1899 Penny were trained this morning. In PM, 0.3 elephants given three stalls due to high possibility of severe weather
27 May 2006	Foot management	0.1 Elephant SJ1899 Penny filed and trimmed both front feet.
1 Jun 2006	Medical note	Keeper staff collected a routine blood draw from 0.3 Elephants SJ1899 Penny, 7031 Belle and 7336 Tumpe which was turned into the Hospital. It was the first of the month full chemistry panel.
2 Jun 2006	Foot management	Both of Penny's back feet and nails were trimmed.
6 Jun 2006	Animal management note	In PM, 0.3 elephants were off exhibit due to work being done on the exhibit.
7 Jun 2006	Animal management note	In AM, 0.3 SJ1899 Penny, 7031 Belle and 7336 Tumpe were trained. Keepers worked on elephant yard with the tractor all afternoon and the elephants were inside.

Report Start Date  
1/1/1900

# Specimen Report for COLUMBIA / SJ1899

Report End Date  
4/17/2007



9 Jun 2006	Foot management	All four of Penny's feet were examined and work was done on her two back feet. Her third toenail on her left rear foot has a deep crack that is sensitive to touch.
11 Jun 2006	Animal management note	0.3 Elephants SJ1899 Penny, 7031 Belle and 7336 Tumpe all trained this morning
14 Jun 2006	Foot management	0.3 SJ1899 Penny, 7031 Belle and 7336 Tumpe were trained and all feet were examined
15 Jun 2006	Animal management note	0.1 Elephant 7031 Belle went behind the berm of the elephant exhibit (behind the cement "rocks" on the back of the exhibit). She broke the cable barrier and left the exhibit and was found in the trees. Maintenance replaced broken cables with pieces of railroad.
16 Jun 2006	Behavior note	0.3 elephants broke one of the welds on the piece of railroad that was put up and welded as a barrier yesterday. Also, they knocked part of it down, breaking the cement wall. Maintenance fixed this afternoon
17 Jun 2006	Animal management note	In AM, 7336 Tumpe had loose stool and would not eat well. Samples of stool were taken, blood was drawn and banamine was given. She felt better in PM. 0.3 elephants were shifted into the barn at night so that Tumpe could be monitored.
20 Jun 2006	Foot management	0.2 Elephants SJ1899 Penny and 7336 Tumpe foot work done
20 Jun 2006	Medical note	0.2 Elephants SJ1899 Penny & 7336 Tumpe had soft stool when brought off exhibit in afternoon. Tumpe was slow to eat dinner and consumed large amounts of water; her behavior was a little abnormal as well. Dr. Benson came to check on them.
21 Jun 2006	Animal management note	Penny and Belle were trained this morning
23 Jun 2006	Foot management	Trimmed and filed both of Penny's front feet
23 Jun 2006	Medical note	Elephants continue to have soft stool, only a couple piles showed formed boluses
24 Jun 2006	Medical note	Elephants continue to have soft stool, several semi-formed boluses on exhibit. Penny's behavior is slightly abnormal. She is holding her feet up periodically and seems withdrawn but eating normal. Dr. Moore & Dr. Benson informed. Bran given to her and to Tumpe & Belle. Will monitor. Due to the fact that all hoof stock seem to have stool problems, Keepers will be using TBQ footbaths in the barns until further notice.
26 Jun 2006	Medical note	0.3 Elephants Belle, Tumpe and Penny have very soft stool. Fecal samples submitted to the Hospital. 10% of PM hay was substituted with straw per vet staff.
27 Jun 2006	Medical note	Random elephant fecal samples submitted to the Hospital. Elephant stools look the same as yesterday. Elephants ate the straw they were given last night and will continue to receive 10% straw until further notice.
30 Jun 2006	Animal management note	0.1 Elephant SJ1899 Penny was trained this morning
4 Jul 2006	Foot management	0.1 Elephant SJ1899 Penny trimmed both back feet
7 Jul 2006	Animal management note	0.2 Elephants SJ1899 Penny and 7336 Tumpe were trained this morning
8 Jul 2006	Animal management note	0.3 SJ1899 Penny, 7031 Belle & 7336 Tumpe were trained this morning. Penny was trained in the ERD
11 Jul 2006	Animal management note	A truck load of sand was delivered to the elephant yard today
12 Jul 2006	Animal management note	0.3 Elephants Penny, Belle and Tumpe were trained this morning
14 Jul 2006	Animal management note	0.3 Elephants SJ1899 Penny, 7031 Belle and 7336 Tumpe were all trained this morning and received sweet gum for enrichment
16 Jul 2006	Enrichment	Elephants received bamboo
17 Jul 2006	Enrichment	Produce/spices were scattered on elephant exhibit yard & received ice treats during mid-day shift.
18 Jul 2006	Foot management	Trimmed both of Penny's front feet and filed nails
19 Jul 2006	Animal management note	Penny, Belle and Tumpe were all trained this morning
19 Jul 2006	Animal management note	Weeds and tree branches were removed from the back hot wire on elephant yard
23 Jul 2006	Animal management note	Penny, Belle and Tumpe were all trained today & received bamboo on exhibit for enrichment
24 Jul 2006	Animal management note	Maintenance installed a larger hot box in the elephant mechanical room for the back fence. The front fence is still running off of the smaller box, power is better but still not ideal.
24 Jul 2006	Enrichment	Received a sycamore tree for enrichment
25 Jul 2006	Enrichment	Food toss (with spices) to 0.3 elephants from elephant exhibit wall
29 Jul 2006	Foot management	Filed and trimmed both of Penny's back feet

Report Start Date  
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# Specimen Report for COLUMBIA / SJ1899

Report End Date  
4/17/2007



30 Jul 2006	Animal management note	0.1 Elephant SJ1899 Penny was trained this morning
30 Jul 2006	Enrichment	Elephants received ice treats in the afternoon.
31 Jul 2006	Enrichment	Elephants received "pizza bags" (tomato paste, onion powder & rolls in a paper bag.)
3 Aug 2006	Animal management note	This morning, a wallow was made on the elephant yard and filled with water
4 Aug 2006	Animal management note	0.3 Elephants SJ1899 Penny, 7031 Belle and 7336 Tumpe were trained this morning. Maintenance came to fix outside panel box in elephant barn. Keepers were having trouble opening and closing doors from that control panel. Elephants will have access to the paddock throughout the day this weekend so that Keepers will not have to deal with any malfunctions. The two concrete doors will be closed all day. Will re-evaluate on Monday.
6 Aug 2006	Animal management note	Yesterday & today, 0.3 Elephants SJ1899 Penny, 7031 Belle and 7336 Tumpe were trained
7 Aug 2006	Animal management note	Penny, Belle and Tumpe were trained this morning
9 Aug 2006	Enrichment	Elephants received cinnamon produce on exhibit
11 Aug 2006	Enrichment	Received browse
11 Aug 2006	Animal management note	Outside panel box at elephant is still not working properly, part has been ordered. Keepers will give access to paddock, only operating entrance doors to barn until part has arrived
13 Aug 2006	Enrichment	0.3 Elephants Penny, Belle & Tumpe each received a watermelon and a cantaloupe and were given a bath out on exhibit
15 Aug 2006	Foot management	Trimmed and filed nails on both front and back feet
29 Aug 2006	Enrichment	Elephants received produce with spices hidden in stalls
1 Sep 2006	Animal management note	0.2 Elephants SJ1899 Penny and 7031 Belle had blood draw training and foot checks
1 Sep 2006	Enrichment	Received bamboo
1 Sep 2006	Animal management note	In AM, 0.3 Penny, Belle and Tumpe were trained on the 8, 9, 10, 14, 15, 17, 18, 22
3 Sep 2006	Animal management note	0.2 Elephants Penny and Belle were trained this morning
7 Sep 2006	Animal management note	This afternoon, 0.3 Elephants Belle, Tumpe and Penny were trained in the ERD.
8 Sep 2006	Foot management	0.2 Elephants SJ1899 Penny and 7031 Belle nails were checked and mended
8 Sep 2006	Enrichment	Received sweet gum
16 Sep 2006	Animal management note	0.3 Elephants Penny, Belle and Tumpe were all trained in the ERD
20 Sep 2006	Animal management note	Penny and Tumpe were trained in the ERD
22 Sep 2006	Animal management note	Penny and Tumpe were trained in the ERD
23 Sep 2006	Animal management note	Penny, Belle and Tumpe were all trained in the ERD.
24 Sep 2006	Animal management note	Morning and afternoon training sessions with elephants.
26 Sep 2006	Foot management	Both of Penny's back feet were trimmed
1 Oct 2006	Enrichment	Elephants received cajun popcorn and cheerios on exhibit.
4 Oct 2006	Foot management	Both of Penny's front feet were trimmed and nails filled
4 Oct 2006	Medical note	0.3 elephants Penny, Belle & Tumpe had soft, sloppy stool on yard. Dr. Benson informed
5 Oct 2006	Medical note	Due to the soft, sloppy stool yesterday, a composite elephant fecal sample taken from the exhibit to Hosital. Today the stool seems better. Will continue to monitor
7 Oct 2006	Enrichment	Browse given to elephants on yard for after hours event tonight
8 Oct 2006	Medical note	Penny has a few sores in her mouth. Dr. Benson came to look at them and he said to keep an eye on them over the next few days
9 Oct 2006	Medical note	The spots in Penny's mouth look less red today. Keepers will continue to monitor.
9 Oct 2006	Enrichment	Elephants received treat boxes for enrichment.
11 Oct 2006	Enrichment	Elephants received sweet gum on exhibit for enrichment.
13 Oct 2006	Animal management note	0.3 Penny, Belle and Tumpe were trained in the AM and PM.
13 Oct 2006	Medical note	Penny's mouth looks better, redness and swelling has gone down
14 Oct 2006	Animal management note	Penny, Belle and Tumpe were trained in the am and pm. Tumpe and Penny were trained in the ERD.
15 Oct 2006	Animal management note	Large fans were removed from elephant barn for the winter

Report Start Date  
1/1/1900

# Specimen Report for COLUMBIA / SJ1899

Report End Date  
4/17/2007



16 Oct 2006	Animal management note	0.3 Elephants Tumpe, Belle & Penny were trained this morning
18 Oct 2006	Animal management note	Maintenance worked on the elephant ERD all day. Elephants did not have access to the barn all day and all night
19 Oct 2006	Animal management note	Maintenance finished work on the ERD; however, when it was lowered, the wench and chain broke causing the ERD to hit the ground. There is some damage to the frame of the ERD and to the concrete around the legs. It appears to be at a slight tilt. The doors and scale are still operational. The damage will have to be assessed before elephants are trained in the ERD.
24 Oct 2006	Foot management	A light trim was completed on Penny's feet and her nails were filed
24 Oct 2006	Animal management note	In the afternoon, yard work on the elephant exhibit. Elephants were off exhibit in the afternoon & evening
25 Oct 2006	Animal management note	Elephant training sessions in the morning. Elephants destroyed part of the steel barrier located between gunite walls on exhibit. Maintenance examined the problem and will be doing work on it tomorrow.
25 Oct 2006	Enrichment	Elephants received mulberry browse and dill/onion spiced hay this afternoon.
26 Oct 2006	Animal management note	Maintenance finished repairing the steel barrier in the elephant yard and elephants were let out on exhibit at 3 pm
26 Oct 2006	Animal management note	Penny was trained in the ERD
27 Oct 2006	Foot management	Worked on both of Penny's back feet.
28 Oct 2006	Animal management note	Penny was trained this morning
29 Oct 2006	Animal management note	0.3 elephants 7336 Tumpe, 7031 Belle & SJ1899 Penny were trained this morning
29 Oct 2006	Enrichment	0.3 elephants received pumpkins, paper mache and bags of popcorn.
1 Nov 2006	Animal management note	In AM, 0.3 elephants SJ1899 Penny, 7336 Tumpe & 7031 Belle were trained on Nov 5, 10, 11, 17, 18, 21, 24, 25, 27
3 Nov 2006	Animal management note	0.2 Elephants SJ1899 Penny & 7336 Tumpe were trained in the morning
4 Nov 2006	Enrichment	0.3 Elephants Tumpe, Belle & Penny received pumpkins and cucumbers on exhibit
7 Nov 2006	Foot management	0.3 SJ1899 Penny, 7031 Belle & 7336 Tumpe follow up foot care on toe nail cracks
8 Nov 2006	Animal management note	Penny and Belle were trained this morning. Tumpe was trained in the ERD
9 Nov 2006	Medical note	A sample of the coastal hay from new elephant trailer was submitted for analysis
12 Nov 2006	Enrichment	Elephant training sessions in am & received cheerios on exhibit in pm.
14 Nov 2006	Enrichment	Elephants foraged for food on exhibit.
19 Nov 2006	Animal management note	Penny & Tumpe were trained this morning
20 Nov 2006	Enrichment	0.3 Elephants SJ1899, 7336 & 7031 painted and were trained this morning
28 Nov 2006	Enrichment	Elephants received banana trees for enrichment on exhibit.
29 Nov 2006	Enrichment	Elephants received wax mertle this afternoon.
30 Nov 2006	Animal management note	Morning and afternoon training sessions with elephants.
30 Nov 2006	Enrichment	Elephants received wax mertle on exhibit.
1 Dec 2006	Foot management	Foot work was done on 0.1 Penny
2 Dec 2006	Animal management note	0.3 Elephants SJ1899, 7336, 7031 were all trained this morning
3 Dec 2006	Enrichment	Elephants painted this morning for enrichment.
5 Dec 2006	Foot management	Both front feet were trimmed and nails filed of 0.1 Elephant SJ1899 Penny
6 Dec 2006	Animal management note	Penny, Belle and Tumpe werel trained this morning in the ERD
8 Dec 2006	Enrichment	0.1 Elephant SJ1899 Penny painted this afternoon
8 Dec 2006	Animal management note	0.3 Elephants Penny, Belle and Tumpe were all trained this morning.
9 Dec 2006	Foot management	SJ1899 Penny has a bruised toe nail on left front foot, second toe nail. Keeper will continue to moniter and trim when necessary
11 Dec 2006	Animal management note	Yesterday and today, training sessions with elephants.
12 Dec 2006	Enrichment	Elephants received bamboo on exhibit this afternoon.
16 Dec 2006	Medical note	The bruise on Penny's left front toenail was cleaned and pressure relieved around the bruise. No heat spots around foot but bruise continues to swell and slough off tissue

Report Start Date  
1/1/1900

## Specimen Report for COLUMBIA / SJ1899

Report End Date  
4/17/2007



17 Dec 2006	Enrichment	0.3 Elephants painted this afternoon
19 Dec 2006	Medical note	Penny's second toenail on her left front foot is still swelling, has mushroomed out and is very sensitive to touch. Keeper tried to file edges off but the area was too sensitive; scrubbed with a soft brush to scrub and rinsed with novalsan. The area appears to be clean but nail is bruised and thin.
20 Dec 2006	Medical note	Penny started on pain medication today for toenail injury on left front foot. Nail is very thin and painful. Swelling is continuing but there is room for it to expand
23 Dec 2006	Foot management	This morning, Foot care done on all three elephants
23 Dec 2006	Enrichment	They received pine trees, cheerios, peppermints, and cardboard cut-outs
24 Dec 2006	Medical note	Penny finished 5-day treatment for foot injury
26 Dec 2006	Foot management	Penny's injured toenail on left front foot which appears to be less sore and ready to trim some more. Due to pressure, a little piece on nail is bending back at the edge of crack.
27 Dec 2006	Enrichment	Food toss to elephants
29 Dec 2006	Medical note	Penny opened up some more of crack in left front foot, second toe nail. Seems to be less painful before. Continue to scrub
6 Jan 2007	Animal management note	0.3 elephants Penny, Belle & Tumpe were trained this morning
7 Jan 2007	Enrichment	0.3 elephants were trained in the morning. They painted this afternoon for enrichment
9 Jan 2007	Foot management	0.3 SJ1899 Penny, 7031 Belle & 7336 Tumpe had nail follow-up work and pad trimming
10 Jan 2007	Medical note	While on exhibit, 0.1 7336 Tumpe appeared to have stomach cramps and was lethargic. Keepers shifted 0.3 Penny, Belle & Tumpe off exhibit in order to draw blood (purple, red, and green) and collect a fecal sample. They attempted to shift Tumpe back on exhibit but she chose to stay in the paddock. Keepers decided to leave her there and Penny & Belle were shifted onto exhibit. All 3 were brought into the barn for the evening. Tumpe received banamine injected through a vein in her ear and was given some bran. She seemed brighter and more compliant/alert to her surroundings. Also, Penny had some soft stool. A sample was taken to the Hospital but she appears okay
12 Jan 2007	Animal management note	Yesterday and today, Penny, Belle & Tumpe were trained in the morning
13 Jan 2007	Physical condition	SJ1899 Penny, 7336 Tumpe & 7031 Belle did stretching exercises today
14 Jan 2007	Enrichment	Elephants foraged for food hidden on the exhibit
16 Jan 2007	Foot management	Both of Penny's front feet were trimmed and nails filed. The daily application of hoof cream has definitely made a difference in her nails, which are softer and more pliable
17 Jan 2007	Foot management	0.1 SJ1899 Penny received routine foot care on both front feet.
17 Jan 2007	Animal management note	Morning training sessions with the elephants. Elephants received paper treat bags.
18 Jan 2007	Animal management note	Morning training sessions with Penny, Belle & Tumpe. Weather was cold & rainy so elephants had access to the barn all day
19 Jan 2007	Animal management note	ERD training for all elephants
20 Jan 2007	Animal management note	0.3 Elephants did stretching exercises this morning
22 Jan 2007	Animal management note	0.3 Elephants Penny, Belle & Tumpe were kept inside today due to the cold, rainy weather and the need to draw blood from Tumpe
23 Jan 2007	Foot management	All four of Penny's feet were trimmed and a pad trim on both back feet. Worked on toe nails on all four feet to make them even to help relieve pressure on cracks
27 Jan 2007	Enrichment	Elephants given a bath today;
31 Jan 2007	Enrichment	Elephants given sweet gum logs on exhibit and in holding
3 Feb 2007	Animal management note	Elephants trained in the ERD, both morning and afternoon
8 Feb 2007	Animal management note	Morning training sessions with elephants and they later received bamboo
9 Feb 2007	Animal management note	Morning training sessions with elephants. Spices on hay this afternoon.
9 Feb 2007	Foot management	Penny received routine foot care
10 Feb 2007	Animal management note	Morning training sessions with elephants
14 Feb 2007	Animal management note	ERD training
16 Feb 2007	Animal management note	Maintenance placed plastic shields on emergency lights to help keep water out of lights in elephant barn
17 Feb 2007	Animal management note	Morning & afternoon training sessions with elephants

Report Start Date  
1/1/1900

# Specimen Report for COLUMBIA / SJ1899

Report End Date  
4/17/2007



20 Feb 2007	Foot management	Keeper checked on Penny's cracked toe nails on front and back feet
23 Feb 2007	Foot management	Keeper checked the condition of the cracks on the front toenails on both of Penny's feet
24 Feb 2007	Foot management	Both of Penny's back foot pads were trimmed
27 Feb 2007	Medical note	First tuberculosis test out of a series of three was completed on SJ1899 Penny, 7336 Tumpe & 7031 Belle
1 Mar 2007	Enrichment	Elephants received treat bags and spices in stalls with PM hay
2 Mar 2007	Foot management	Keeper checked on problem toe nails on Penny, Tumpe & Belle's feet.
3 Mar 2007	Medical note	Penny, Tumpe & Belle had the third and final Tuberculosis test
8 Mar 2007	Enrichment	Elephants were brought in early to do exhibit work & received spices on hay and bread/cheerios treats inside
9 Mar 2007	Foot management	Keeper checked cracked toe nails of Belle & Penny, all are looking good
10 Mar 2007	Animal management note	Penny, Belle & Tumpe were trained in ERD
13 Mar 2007	Foot management	Keeper trimmed both of Penny's back feet and opened fungus pockets on both her front feet
23 Mar 2007	Foot management	Routine foot work was done on Penny
24 Mar 2007	Medical note	Penny has red bulbous growth on right inside wall of anus. In the afternoon, Dr. Moore checked and said it appeared to be a polyp. Keepers need to watch carefully and note if there is any change
25 Mar 2007	Enrichment	0.3 Elephants received tulip tree on exhibit
27 Mar 2007	Foot management	Fungus was trimmed out on all 4 of Penny's feet.
28 Mar 2007	Medical note	Penny's polyp was checked and it appears to be harder and redder than on Saturday. Dr. Benson was informed and will begin training for possible further treatment.
31 Mar 2007	Foot management	The cracks on both of Penny's front feet were tended to.
3 Apr 2007	Animal management note	This AM, WLTX Channel 19 taped several segments for their Zoo19 series in the elephant barn with Penny, Belle & Tumpe
5 Apr 2007	Foot management	Pads on both of Penny's back feet were trimmed and her checked nails were checked
8 Apr 2007	Foot management	Keeper checked Belle, Penny & Tumpe's feet and applied cream to nails
10 Apr 2007	Animal management note	Morning and afternoon training sessions with Belle, Penny & Tumpe.
10 Apr 2007	Enrichment	Elephants received tulip poplar.

<u>Date</u>	<u>Enclosure</u>	<u>Reason</u>
16 Aug 2000	REMOVED	[12:00:00 PM] Loan to COLUMBUS
11 Dec 2001	ELEPHANT	Loan returned from COLUMBUS

<u>Date</u>	<u>Sex</u>	<u>Comments</u>
15 Aug 2000	Female	

<u>Date</u>	<u>Rearing</u>	<u>Comments</u>
15 Aug 2000	Parent	

<u>Date</u>	<u>Parent(s)</u>	<u>local Id</u>	<u>Location</u>	<u>Comments</u>
15 Aug 2000	Sire	WILD	WILD	
15 Aug 2000	Dam	WILD	WILD	

Clinical Notes - Individual Specimen Report  
RIVERBANKS MAMMALS

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=====
LOXODONTA AFRICANA (no subsp)           Sex: Female           Acc. #: SJ1899
African elephant                       Age: 27Y 6M Est.     Birth: 29.Dec.1979
Name: PENNY
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.....2005...

6.May.2005

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Lab: Monthly labwork results (Antech)
O: hgb 11.9, Hct 25.5, rbc 2.57, MCV 99, MCH 46.3, MCHC 46.7,
platelet count 403, platelet estimate adequate, wbc 11700, pmn's (24%)
2808, lymphocytes (23%) 2691, monocytes (51%) 5967, eosinophils (2%)
234
glucose 92, BUN 8, Cr 1.5, tprotein 8.1, albumin 3.4, t.bili 0.2, ALP
70, AST 13, cholesterol 94, Ca 11.2, P 6.3, Na 132, K 4.9, Cl 93,
globulin 4.7, CPK 188, GGTP 9, Mg 2.7, fibrinogen 288
A: Anemia; monocytosis (TM)

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4.Jun.2005

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Lab: Monthly labwork results (Antech)
O: hgb 11.6, Hct 25.1, rbc 2.53, MCV 99, MCH 45.8, MCHC 46.2,
platelet count 406, platelet estimate adequate, wbc 7300, pmn's (24%)
1752, lymphocytes (26%) 1898, monocytes (47%) 3431, eosinophils (2%)
146, basophils (1%) 73
glucose 94, BUN 15, Cr 1.5, tprotein 7.0, albumin 3.1, t.bili 0.2, ALP
45, AST 10, cholesterol 89, CA 10, P 6.4, Na 124, K 4.3, Cl 83,
globulin 3.9, CPK 104, GGTP 5, Mg 2.7, fibrinogen 262
A: Anemia consistent, as is monocytosis. (TM)

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27.Jun.2005

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Obs: Ate her blood collection set today (butterfly catheter)
P: Should be fine, but monitor for colic (TM)

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9.Jul.2005

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Lab: Monthly labwork results (Antech)
O: hgb 11.4, Hct 35.4, rbc 2.45, MCV 144, MCH 46.5, MCHC 32.2,
platelet count 624, platelet estimate increased, wbc 9600, pmn's (24%)
2304, lymphocytes (54%) 5184, monocytes (20%) 1920, eosinophils (2%)
192
glucose 111, BUN 10, Cr 1.6, tprotein 7.6, albumin 3.3, t.bili 0.2,
ALP 59, AST 9, cholesterol 94, Ca 10.2, P 5.8, Na 127, K 4.4, Cl 89,
globulin 4.3, CPK 146, GGTP 8, Mg 2.3, fibrinogen 319
A: Values are within normal limits for this species. (TM)

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5.Aug.2005

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Monthly Lab Work
Elephant Panel, Antech
1. CHEM: glu=86, BUN=11, Cr=1.5, t.p.=7.6, alb=3.1, bili
(total)=0.2, alk phos=50, AST=11, chol=99, Ca+=10.4, phos=4.3,
Na+=128, K+=4.4, Cl-=89, glob=4.5, CPK=116, GGTP=10.

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Clinical Notes - Individual Specimen Report  
RIVERBANKS MAMMALS

LOXODONTA AFRICANA (no subsp)  
African elephant  
Name: PENNY

Sex: Female                      Acc. #: SJ1899  
Age: 27Y 6M Est.              Birth: 29.Dec.1979

5.Aug.2005

- 2. Mg=2.6.
- 3. CBC: hgb=11.6, hct=37.4, wbc=8.7, rbc=2.58, mcv=145, mch=45.7, mchc=31.6, plt count=582, plt est=inc, neuts/hets=1566, bands=0, lymphs=4872, monos=1740, eos=522, basos=0.
- 4. FIB=193 (KB)

11.Aug.2005

Obs: Keepers successfully drew blood from back left leg today (TM)

24.Aug.2005

Trunk Wash: NVSL: All three samples are Negative (KB)

2.Sep.2005

Lab: Monthly CBC and Chemistry (Antech) results  
 O: hgb 11.6, Hct 38.3, rbc 2.63, MCV 146, MCH 44.1, MCHC 30.3, platelet count 632, platelet estimate increased, wbc 9300, pmn's (23%) 2139, lymphocyte S(54%) 5022, monocytes (21%) 1953, eosinophils (2%) 186  
 glucose 65< BUN 9, Cr 1.7, tprotein 7.5, albumin 3.3, t.bili 0.2, ALP 50, AST 15, cholesterol 110, Ca 10.3, P 5.0, Na 128, K 4.6, Cl 88, globulin 4.2, CPK 157, GGTP 5, Mg 2.6, fibrinogen 213  
 A: Monitor trends as there are some values that are slightly off (glucose, tprotein, cholesterol, P and Na) (TM)

8.Oct.2005

Lab: Monthly labwork results (Antech)  
 O: In house Hct/tprotein 37/8.2  
 hgb 12.7, Hct 42.7, rbc 2.89, MCV 148, MCH 43.9, MCHC 29.7, platelet count 616, platelet estimate increased, wbc 10600, pmn's (25%) 2650, lymphocytes (2%) 212, monocytes (63%) 6678, eosinophils (2%) 212, basophils (8%) 848  
 glucose 70, BUN 11, Cr 1.3, tprotein 8.2, albumin 3.3, t.bili 0.1, ALP 74, AST 17, cholesterol 103, Ca 9.8, P 5.2, Na 131, K 4.3, Cl 88, globulin 4.9, CPK 136, GGTP 9, Mg 2.2, fibrinogen 401  
 A: Monocytosis has been seen in this animal as a stress response. She is clinically normal at this time so will just be monitored.  
 P: Monitor. (TM)

3.Nov.2005

HCT/TS (in house): HCT=34, TS=8 (KB)

4.Nov.2005

Fecal (in house):Bi-annual fecal  
 Direct: nps  
 Float: nps (AM)

Clinical Notes - Individual Specimen Report  
RIVERBANKS MAMMALS

LOXODONTA AFRICANA (no subsp)  
African elephant  
Name: PENNY

Sex: Female                      Acc. #: SJ1899  
Age: 27Y 6M Est.              Birth: 29.Dec.1979

4.Nov.2005

Elephant Panel, Antech

1. CHEM: glu=78, BUN=11, Cr=1.5, t.p.=7.8, alb=3.2, bili (total)=0.1, alk phos=57, AST=7, chol=96, Ca+=10.6, phos=4.7, Na+=128, K+=4.6, Cl-=86, glob=4.6, CPK=112, GGTP=7.
2. Mg=2.6.
3. CBC: hgb=11.7, hct=25.9, wbc=8.9, rbc=2.60, mcv=100, mch=45.0, mchc=45.2, plt count=459, plt est=inc, neuts/hets=2047, bands=0, lymphs=1157, monos=5607, eos=89, basos=0.
4. FIB=324 (KB)

18.Nov.2005

Obs: Public observed either SJ1899 or 7336 eating electric cord from Christmas lights (TM)

20.Nov.2005

Obs: Public reported either SJ1899, 7336 or 7031 ate an electric cord from the Christmas lights (TM)

2.Dec.2005

Lab: Monthly labwork results (Antech)

O: hgb 11.2, Hct 25.1, rbc 2.51, MCV 100, MCH 44.6, MCHC 44.6, platelet count 400, platelet estimate adequate, wbc 9400, pmn's (22%) 2068, lymphocytes (7%) 658, monocyte s(70%) 6580, eosinophils (1%) 94 glucose 75, BUN 13, Cr 1.3, tprotein 7.9, albumin 3.4, t.bili 0.2, ALP 52, AST 1;2, cholesterol 90, Ca 9.9, P 6.9, N 127, K 4.7, Cl 81, globulin 4.5, CPK 176, GGTP <5, Mg 2.4, fibrinogen 430

A: Anemia; monocytosis; hypocalcemia, hyperphosphatemia. All of the elephants are anemic this month, which may indicate how the blood was drawn (not enough blood in the EDTA tube) or may be a true result. Calcium goes up and down, however there has been an upward trend in the phosphorus values over the last couple of months. The significance of this is not known at this time.

P: Monitor. Continue to monitor phosphorus levels closely. (TM)

15.Dec.2005

Obs: Keeper reports animal still has a stiff leg but is bending slightly at the wrist. (TM)

24.Dec.2005

CC: Evaluation

S/O: Keepers report animal did not eat much overnight. Left most of her hay. When she was fed this morning she threw her grain at the wall and didn't eat. Does not open her mouth. Keepers report she is holding up her back legs at times. Will not eat produce.

Clinical Notes - Individual Specimen Report  
RIVERBANKS MAMMALS

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=====
LOXODONTA AFRICANA (no subsp)           Sex: Female           Acc. #: SJ1899
African elephant                       Age: 27Y 6M Est.     Birth: 29.Dec.1979
Name: PENNY
=====

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24.Dec.2005

Visual: Animal's eyes look dull and she is not coming over for interaction like she normally does. Did not eat any produce when offered. Drank a little bit of orange juice, but then spit out the rest of it at the keeper. Keepers noted she did have a lot of purulent exudate from her tusk sulcus, but that happens from time to time and is usually not associated with a change in behavior.

A: OPEN. Suspect colic but other diseases cannot be ruled out at this time.

P: Keepers to try and give either 1500mg banamine, 4000mg ibuprofen or any combination thereof. Put out on exhibit for exercise.

Addendum: Given ibuprofen orally (TM)

25.Dec.2005

Obs: Keeper reports there is more feces this morning than there was yesterday. Penny did not eat her hay, however she did eat her grain.

P: Try to get 1500mg banamine into her if possible. If not, she can have the ibuprofen.

Addendum: Keepers unable to get banamine into her then she ate all of her hay and looked as if she was feeling better. No need to give ibuprofen. (TM)

26.Dec.2005

Obs: Animal behaviorally normal; normal fecal production as well as eating habits.

P: Resolve problem. (TM)

.....2006....

5.Jan.2006

Lab: in house HCT: 34%, TP: 8.2g/dl (AM)

6.Jan.2006

Elephant Panel, Antech

1. CHEM: glu=82, BUN=9, Cr=1.5, t.p.=7.8, alb=3.3, bili (total)=0.1, alk phos=59, AST=17, chol=83, Ca+=10.5, phos=4.4, Na+=129, K+=4.9, Cl-=87, glob=4.5, CPK=151, GGTP=10.
  2. Mg=2.5.
  3. CBC: hgb=11.8, hct=37.8, wbc=12.9, rbc=2.54, mcv=149, mch=46.5, mchc=31.2, plt count=586, plt est=inc, neuts/hets=2838, bands=0, lymphs=3741, monos=6192, eos=129, basos=0.
  4. FIB=273
- A: Unremarkable for this species and individual (KB)

Clinical Notes - Individual Specimen Report  
RIVERBANKS MAMMALS

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=====
LOXODONTA AFRICANA (no subsp)           Sex: Female           Acc. #: SJ1899
African elephant                       Age: 27Y 6M Est.     Birth: 29.Dec.1979
Name: PENNY
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6.Feb.2006

Lab: Monthly labwork results (Antech)  
O: hgb 12.7, Hct 27.8, rbc 2.76, MCV 101, MCH 46, MCHC 45.7, platelet count 418, platelet estimate adequate, wbc 1000, pmn's (24%) 2400, lymphocytes (22%) 2200, monocytes (53%) 5300, eosinophils (1%) 100  
glucose 100, BUN 13, Cr 1.0, tprotein 8.1, albumin 3.4, t.bili 0.1, ALP 61, AST 15, cholesterol 108, Ca 10.5, P 4.7, Na 141, K 5.1, Cl 92, globulin 4.7, CPK 193, GGTP 7, Mg 2.9, fibrinogen 284  
A: Anemia persists. Unsure of the significance in this animal as it is chronic. Monocytosis seen before with stress. (TM)

21.Feb.2006

Obs: Observed trunk wash for TB test (TM)

23.Feb.2006

Obs: Observed trunk wash for TB test (TM)

25.Feb.2006

Obs: Observed trunk wash for TB test (TM)

3.Mar.2006

Lab: Monthly labwork results (Antech)  
O: hgb 12.3, Hct 26.4, rbc 2.62, MCV 101, MCH 46.9, MCHC 46.6, platelet count adequate, wbc 11200, pmn's (23%) 2576, lymphocytes (15%) 1680, monocytes (61%) 6832, eosinophils (1%) 112  
glucose 68, BUN 12, Cr 1.4, tprotein 7.9, albumin 3.4, t.bili 0.2, ALP 70, AST 12, cholesterol 86, Ca 10.1, P 6.4, Na 129, K 4.8, Cl 89, globulin 4.5, CPK 267, GGTP 14, Mg 2.8, fibrinogen 305  
A: Values similar to last month's (TM)

6.Apr.2006

Lab: In house TP: 7.8mg/dl, HCT: 41% (AM)

7.Apr.2006

Lab: Monthly labwork results (Antech)  
O: hgb 12.6, Hct 40.2, rbc 2.76, MCV 146, MCH 45.7, MCHC 31.3, platelet count 655, platelet estimate increased, wbc 12200, pmn's (22%) 2684, lymphocytes (33%) 4026, monocytes (43%) 5246, eosinophils (2%) 244  
glucose 84, BUN 11, Cr 1.4, tprotein 7.8, albumin 3.2, t.bili 0.2, ALP 63, AST 17, cholesterol 100, Ca 10.6, P 4.9, Na 126, K 5.2, Cl 89, globulin 4.6, CPK 199, GTP 10, Mg 2.7, fibrinogen 222  
A: Values are within normal limits for this species. No anemia evident. (TM)

Clinical Notes - Individual Specimen Report  
RIVERBANKS MAMMALS

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=====
LOXODONTA AFRICANA (no subsp)           Sex: Female           Acc. #: SJ1899
African elephant                       Age: 27Y 6M Est.     Birth: 29.Dec.1979
Name: PENNY
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21.Apr.2006

CC: Routine examination  
S/O: EENT - wnl; M/S - NAF; integument - feet look good, can feel scars on ears from repeated phlebotomies; G/U - external exam within normal limits; PLN - naf; G/I - mouth looks good and stool of normal quality; nervous system - wnl; unable to auscult well  
A: Was able to externally palpate well as the animal has a good temperment. Apparently healthy.  
P: No changes necessary based on current information. (TM)

5.May.2006

Elephant Panel, Antech  
1. CHEM: glu=93, BUN=3, Cr=1.3, t.p.=7.5, alb=3.1, bili (total)=0.2, alk phos=53, AST=11, chol=91, Ca+=10.5, phos=4.6, Na+=130, K+=4.7, Cl-=90, glob=4.4, CPK=255, GGTP=9.  
2. Mg=2.6.  
3. CBC: hgb=11.7, hct=39.2, wbc=8.7, rbc=2.67, mcv=147, mch=43.8, mchc=29.8, plt count=669, plt est=inc, neuts/hets=2001, bands=0, lymphs=2958, monos=3480, eos=174, basos=0.  
4. FIB=173 (KB)

7.May.2006

Lab: Routine bi-annual fecal  
Direct: NPS  
Float: NPS (JM)

12.May.2006

Procedure: Tetanus vaccine; 1ml IM; left tricep (Ft Dodge; 277337A; 12Aug06). (TM)

19.May.2006

Procedure: Rabies vaccine; 2ml IM left tricep (Ft Dodge; 1215270B; 21Apr07; 12153D) (TM)

2.Jun.2006

In house TP: 8.2mg/dl, HCT: 35mg/dl (AM)

2.Jun.2006

CBC (Antech and in-house) mammal: hgb=12.0, hct=38.8, wbc=9.8, rbc=2.65, mcv=146, mch=45.3, mchc=30.9, plt count=719, plt est=inc, neuts/hets=2254, bands=0, lymphs=1078, monos=4214, eos=196, basos=2058. FIB: 208

CHEM (Antech equine screen) Mammalian: glu=92, BUN=13, creat=1.9, t.p.=8.7, alb=3.6, bili (total)=0.3, alk phos=68, AST=16, chol=111, Ca+=11.5, phos=7.1, Na+=129, K+=4.4, Cl-=90, glob=5.1, CPK=411, GGTP=8  
Mg=3.0. (KB)

Clinical Notes - Individual Specimen Report  
RIVERBANKS MAMMALS

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LOXODONTA AFRICANA (no subsp)	Sex: Female	Acc. #: SJ1899
African elephant	Age: 27Y 6M Est.	Birth: 29.Dec.1979
Name: PENNY		

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13.Jun.2006

Mycobacterial Culture: Elephant Trunk Wash: NVSL: 3 separate cultures:  
no isolation made: Submitted on 4/04/06 (KB)

24.Jun.2006

Obs: Given bran this evening (TM)

25.Jun.2006

Loose stool for the last 2-3 days. Animal is clinically normal  
Fecal Culture: Lex: No Salmonella, Shigella, Campylobacter, or  
Yersinia cultured (KB)

28.Jun.2006

Lab: Enteric Pathogens (Lexington) collected on 26 June 06  
Composite from 7336,7031,SJ1899

Composite sample #2: No Salmonella, Shigella, Campylobacter, Yersinia  
isolated.

Composite sample #3: No Salmonella, Shigella, Campylobacter, Yersinia  
isolated. Reduced normal fecal flora. (JM)

29.Jun.2006

Lab: Enteric Pathogens (Lexington) collected on 27 June 06  
Composite from 7336,7031,SJ1899

Composite sample #2: No Salmonella, Shigella, Campylobacter, Yersinia,  
E Coli 0157 isolated. Reduced normal fecal flora.

Composite sample #3: No Salmonella, Shigella, Campylobacter, Yersinia,  
E coli 0157 isolated. Normal enteric gram negative flora absent.  
(JM)

30.Jun.2006

Lab: Fecal culture results (composite 7031, 7336 and SJ1899)  
O: Aeromonas hydrophilia 1+  
No Salmonella, Shigella, Campylobacter nor Yersinia isolated.  
A: Suspect contamination as the enclosure is cleaned with river  
water.  
P: No treatment at this time. Monitor. (TM)

1.Jul.2006

Lab: CBC and Chemistry (Antech) results from 6/29  
O: Hct 25, hgb 11.7, rbc 2.51, MCV 100, MCH 46.6, MCHC 46.8, platelet  
count 395, platelet estimate adequate, wbc 9300, pmn's (25%) 2325,

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1.Jul.2006

lymphocytes (17%) 1581, monocytes (55%) 5115, eosinophils (2%) 186,  
basophils (1%) 93  
glucose 100, BUN 13, Cr 1.4, tprotein 7.3, albumin 3.4, t.bili 0.3,  
ALP 54, AST 13, cholesterol 97, Ca 11.8, P 5.9, Na 129, K 4.9, Cl 90,  
globulin 3.9, CPK 152, GGTP 10, LDH 415, Mg 2.8, fibrinogen 202  
A: Anemia and monocytosis which has been present in this herd.  
Unsure if they are related to the soft stool directly, but do not  
believe so.  
P: Monitor and repeat bloodwork in about a month, earlier if the  
animal stops eating or shows other physical signs of a disease  
process. (TM)

3.Jul.2006

Lab: Fecal culture results (composite 7031, 7336 and SJ1899)  
O: No Salmonella, Shigella, Campylobacter nor Yersinia isolated.  
Reduced normal fecal flora.  
A: Unsure of the significance of the latter sentence as this is a  
human lab.  
P: Monitor. (TM)

4.Jul.2006

Obs: Keeper reports more normal feces seen today (TM)

4.Aug.2006

Lab: Monthly lab results  
O: hgb 8.4, Hct 21.6, rbc 2.37, MCV 91, MCH 35.4, MCHC 38.9, platelet  
count 437, platelet estimate increased, wbc 8300, pmn's (22%) 1826,  
lymphocytes (15%) 1245, monocytes (61%) 5063, eosinophils (2%) 166  
glucose 90, BUN 10, Cr 1.6, tprotein 7.6, albumin 3.3, t.bili 0.1, ALP  
44, AST 14, cholesterol 86, CA 10.9, P 7.3, Na 129, K 4.9, Cl 91,  
globulin 4.3, CPk 235, GGTP 10, LDH 423, Mg 2.8, fibrinogen 235  
A: Values are consistent with this animal's previous results.  
(TM)

9.Sep.2006

Lab: Monthly bloodwork results  
O: In house Hct/tprotein 33/8.4  
hgb 11.5, Hct 36.1, rbc 2.53, MCV 143, MCH 45.5, MCHC 31.9, platelet  
count 589, platelet estimate increased, wbc 11200, pmn's (32%) 3584,  
lymphocytes (28%) 3136, monocytes (38%) 4256, eosinophils (2%) 224, Mg  
2.9, fibrinogen 256  
glucose 70, BUN 12, Cr 1.6, tprotein 8.1, albumin 3.4, t.bili 0.2, ALP  
53, AST 15, cholesterol 99, Ca 10.2, P 6.7, Na 128, K 4.2, Cl 89,  
globulin 4.7, CPK 646, GGTP 9, LDH 630, Mg 2.9, fibrinogen 256  
A: Hyperphosphatemia consistent with what has been seen with this  
animal previously. (TM)

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6.Oct.2006

Lab: Monthly labwork results

O: hgb 11.2, Hct 21.8, rbc 2.36, MCV 92, MCH 47.5, MCHC 51.4,  
platelet count 337, platelet estimate adequate, wbc 8700, pmn's (29%)  
2523, lymphocytes (19%) 1653, monocytes (51%) 4437, eosinophils (1%)  
87

glucose 104, BUN 8, Cr 1.3, tprotein 8.0, albumin 3.2, t.bili 0.2, ALP  
56, AST 8, cholesterol 94, Ca 10.9, P 4.7, Na 129, K 5.0, Cl 88,  
globulin 4.8, CPK 261, GGTP 9, LDH 346, Mg 2.6, fibrinogen 229

A: Anemia and monocytosis as seen previously. (TM)

9.Oct.2006

Lab: Composite (SJ1899,7336,7031) sample for Enteric Pathogens  
(Lexington)

No Salmonella, Shigella, Campylobacter, E. Coli 0157:H7 or Yersinia  
isolated. (JM)

3.Nov.2006

Lab: Monthly labwork results (Antech)

O: hgb 11.5, Hct 36.1, rbc 2.53, MCV 143, MCH 45.5, MCHC 31.9,  
platelet count 632, platelet estimate adequate, wbc 12800, pmn's (23%)  
2944, lymphocytes (22%) 2816, monocytes (53%) 6784, eosinophils (2%)  
256

glucose 87, BUN 10, Cr 1.1, tprotein 8.0, albumin 3.2, t.bili 0.1, ALP  
53, AST 13, cholesterol 92, Ca 10.5, P 5.2, Na 130, K 5.0, Cl 88,  
globulin 4.8, CPK 390, GGTP 6, LDH 630, Mg 2.5, fibrinogen 468

A: Monocytosis as seen previously. CPK, LDH and fibrinogen high.

Animal clinically normal and unsure how good the stick was.

P: Monitor for signs of disease. (TM)

9.Dec.2006

Lab: Monthly labwork results (Antech)

O: hgb 11.3, Hct 34, rbc 2.57, MCV 132, MCH 44, MCHC 33.2, platelet  
count 348, platelet estimate adequate, wbc 13200, pmn's (19%) 2508,  
lymphocytes (12%) 1584, monocytes (68%) 8976, eosinophils (1%) 132  
glucose 78, BUN 10, Cr 1.2, tprotein 8.2, albumin 3.2, t.bili 0.2, ALP  
67, AST 12, cholesterol 87, Ca 10.8, P 7.9, Na 129, K 5.2, Cl 84,  
globulin 5.0, CPK 304, GGTP 8, LDH 428, Mg 2.8, fibrinogen 238

A: Monocytosis and hyperphosphatemia. The former is consistent in  
this animal, but the latter is not. The significance of that is not  
known at this time, but it was seen in all three animals this month.

P: Recheck next month, monitor trends. (TM)

16.Dec.2006

CC: Brief examination

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16.Dec.2006

Hx: Keeper noticed a large bruise on the animal's third nail on the left front foot. There was some swelling and abnormalities on the nail, so she shaved them down and cut out a lot of "tissue" which caused a lot of bleeding.

Brief exam: Keeper did a very good job trimming the nail and making the edges of the lesion slope so it can heal. There is still an area that needs to be trimmed down at the dorsolateral aspect of the lesion to reveal healthy tissue, but otherwise it looks great. The edges of the nail are warm to the touch so it should be monitored closely in case an abscess breaks out.

P: Clean BID with dilute nolvasan and trim the dorsolateral aspect ASAP. (TM)

19.Dec.2006

Rx: IBUPROFEN 800 MG 4000 mg PO BID for 5 days. AS a followup to foot trimming and pain from the toe nail. (KB)

19.Dec.2006

CC: Evaluation

Hx: Keeper reports animal has been playing with her mammary glands a lot lately. She usually does it when she is cycling but she seems to be doing it more now.

Palpation: Normal mammary glands with no redness nor swelling. It has been cold and dry out and it is possible that the animal has caused some chafing to her skin causing her to continue to bother her mammary glands.

P: Put bag balm on her mammary glands and monitor her response. Keepers are also going to put some (probably hoof cream), around her nails as they are dry and cracked. (TM)

26.Dec.2006

Obs: Keeper reports animal is not bothering her mammary glands anymore and is acting normally. (TM)

.....2007....

5.Jan.2007

Lab: Monthly labwork results

O: hgb 10.4, Hct 28.9, rbc 2.34, MCv 124, MCH 44.4, MCHC 36, platelet count 365, platelet estimate adequate, wbc 11800, pmn's (40%) 4720, lymphocytes (44%) 5192, monocytes (12%) 1416, eosinophils (3%) 354 glucose 108, BUN 8, Cr 1.3, tprotein 7.6, albumi n3.1, t.bili 0.1, ALP 63, ASt 19, cholesterol 74, Ca 10, P 4.3, Na 129, K 4.3, Cl 88, globulin 4.5, CPK 331, GGTP 14, LDH 446, Mg 2.8, fibrinogen 225

A: Values are within normal limits for this species. (TM)

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10.Jan.2007

Obs: Some soft stool and Tumpe (7336) is acting colicky  
P: Submit sample for enteric pathogen culture. (TM)

16.Jan.2007

Obs: Keepers report that the daily application of hoof cream has made the nails softer and more pliable and they feel they will be able to address her minor nail problems better now. (TM)

17.Jan.2007

Lab: No Salmonella, Shigella, Campylobacter, Yersinia nor E.coli  
0157:H7 isolated from feces (Lexington) (TM)

21.Jan.2007

Lab: In house fecal (7336,7031 had soft stool)  
Direct: NPS  
Float: NPS (JM)

2.Feb.2007

Lab: Monthly bloodwork results (Antech)  
O: hgb 11.9, hct 31.8, rbc 2.53, MCV 126, MCH 47, MCHC 37.4, platelet count 375, platelet estimate adequate, wbc 10300, pmn's (25%) 2575, lymphocytes (29%) 2987, monocyte s(43%) 4429, eosinophils (1%) 103, basophils (2%) 206  
glucose 83, BUN 9, Cr 1.1, tprotein 8.0, albumin 3.2, t.bili 0.1, ALP 61, AST 25, cholesterol 88, Ca 10.8, P 4.6, Na 130, K 5.2, cl 85, globulin 4.8, CPK 332, GGTP 6, LDH 424, Mg 3.1, fibrinogen 245  
A: Values are within normal limits for this species. (TM)

27.Feb.2007

Obs: Observed trunk wash for TB test (TM)

1.Mar.2007

Obs: Observed trunk wash for TB test

Addendum: in house PCV: 35%  
TP: 7.3mg/dl JM (TM)

2.Mar.2007

Lab: Monthly labwork results (Antech)  
O: hgb 13.2, Hct 42.8, rbc 3.00, MCV 143, MCH 44, MCHC 30.8, platelet count 651, platelet estimate increased, wbc 10000, pmn's (26%) 2600, lymphocytes (30%) 3000, monocytes (44%) 4400  
glucose 76, BUN 12, Cr 1.3, tprotein 8.1, albumin 3.3, t.bili 0.2, ALP 64, AST 13, cholesterol 85, Ca 11, P 6.3, Na 131, K 5.2, Cl 91, globulin 4.8, CPK 438, GGTP 7, LDH 568, Mg 2.7, fibrinogen 73 (TM)

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3.Mar.2007

Obs: Observed trunk wash for TB test (TM)

8.Mar.2007

Hx: Keepers noted some discharge in her stall this morning. Penny has been playing with her mammary glands, usually an indication that she is lactating.

Visual exam of exudate: Clear - white, thick exudate low on the wall of the stall.

A: Grossly looks like normal vaginal discharge.

P: Monitor for change in color of discharge, abnormal smell from animal or behavioral changes. (TM)

24.Mar.2007

CC: Keeper noticed a small raised area on the anus.

There is a 0.5x0.5x1.5cm madd on the right side of the anus that is firm on palpation, slightly erythematous relative to the surrounding mucosa, non-painful to the touch. I appears to be freely moveable with the surrounding mucosa.

A: Open, possible skin tag, neoplasm, inflammatory polyp etc.

P: Monitor, if growing, remove. (KB)

28.Mar.2007

Obs: Keeper reports the polyp appears to be harder and more red than on Saturday.

P: Keepers to begin training for possible further treatment per KB. (TM)

5.Apr.2007

Lab: In house PCV: 35%

TP: 7.9 mg/dl (JM)

6.Apr.2007

Lab: Monthly labwork results (Antech)

O: hgb 13, Hct 39, rbc 2.66, MCV 147, MCH 48.9, MCHC 33.3, platelet count 463, platelet estimate increased, wbc 9700, pmn's (24%) 2328, lymphocytes (10%) 970, monocytes (61%) 5917, eosinophils (2%) 194, basophils (3%) 291

glucose 73, BUN 12, Cr 1.3, tprotein 8.2, albumin 3.4, t.bili 0.2, ALP 48, AST 10, cholesterol 84, Ca 11, P 5.6, Na 130, K 5.5, Cl 90, globulin 4.8, CPK 212, GGTP 9, LDH 400, Mg 2.3, fibrinogen 264

A: Values are within normal limits for this species (monocytosis seen frequently in this animal - significance unknown) (TM)

3.May.2007

Lab: In house PCV: 33%

TP: 7.4mg/dl (JM)

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Age: 27Y 6M Est.              Birth: 29.Dec.1979

5.May.2007

Lab: Monthly labwork results (Antech)  
O: hgb 11.5, Hct 34.5, rbc 2.54, MCV 136, MCH 45.3, MCHC 33.3,  
platelet count 568, platelet estimate increased, wbc 6700, pmn's (25%)  
1675, lymphocytes (13%) 871, monocytes (53%) 3551, eosinophils (1%)  
67, basophils (8%) 536  
glucose 86, BUN 9, Cr 1.4, tprotein 7.9, albumin 3.4, t.bili 0.2, ALP  
41, AST 11, cholesterol 85, Ca 11.0, P 7.2, Na 125, K 4.5, Cl 86,  
globulin 4.5, CPK 182, GGTP 8, LDH 382, Mg 2.1, fibrinogen 244  
A: Low ALP and hyperphosphatemia both have been seen in this animal  
before. Monocytosis consistent with this herd. (TM)

22.May.2007

Obs: Keeper noticed more "growths" on animal's rectum  
P: Check (TM)

