

Animal Inventory Report - Individual Specimen
DICKERSON PARK ZOO

- page 1 -

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Scientific Name: *ELEPHAS MAXIMUS INDICUS*
Common Name: Indian elephant
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Accession #: 699
Acquired: 28.Feb.1980
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Current Status >>>

Sex: Male
Date of Birth: 19.May.1978
Age: 26Y 11M 24D
Time on inventory: 25Y 2M 13D

House Name: KHUN-CHORN
Tag/Band:
Tattoo:
Enclosure:

Dam's Id: ME-TU
Sire's Id: PACKY
Rearing: _____

Dam's Institution: PORTLAND
Sire's Institution: PORTLAND

Special Data & Comments >>>

House Name:
KHUN-CHORN

19.May.1978

ARKS 3 Text Entries >>>

28.Feb.1980 SX
Dam ID : ME-TU
Dam Inst : PORTLAND
28.Feb.1980 SX
Sire ID : PACKY
Sire Inst: PORTLAND
8.Apr.1981 TX
\$12500

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Name: KHUN-CHORN                                                       Birth: 19.May.1978
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.....2000....

- 4.Jan First of 3 trunk washes collected today.
- 5.Jan 2nd of three trunk washes collected today.
- 6.Jan Last of three trunk washes collected today.
- 7.Jan Trunk washes delivered to Missouri TB lab in Mt. Vernon today. They were packed in cold packs for delivery.
- 14.Jan Parasitology examination: (ROUTINE EXAMINATION) Fecal sample.
NO PARASITES SEEN
Purpose/Problem: Chronic low serum levels of vitamin E. Will try daily
Rx: TOCOPHEROL, ALPHA 27ml PO SID for 48 days. (.0052 ml/kg)
Originally prescribed until further notice.
Discontinued on 1.Mar.2000. Note: This may not be an accurate
discontinuation date due to actual date not being recorded.
Rx: TOCOPHEROL, ALPHA 27 ml PO SID for 30 days. (DH)
- 17.Jan Negative for TB as per MO State TB Lab (AFB smear).
- 20.Jan Height at back- 10' 3". (JB)

- 5.Feb Routine foot trimming, no sedation. Laid on side for one hour and seventeen minutes. 8:53-rotated. 10:10-upright. No major defects, RR4, LR4 both had rotten areas but not requiring followup treatments. All nails, pads and cuticles overgrown. In 10 to 14 days will do followup trimming, will have Khun Chorn facing the other way (North) to better access lateral nails on left side.
Khun Chorn fidgety but did pretty well.
Luedde and Bradford attending. (JB)
- 15.Feb Negative for TB as per MO State TB Lab (Culture - no growth after 6 weeks).

- 1.Mar Purpose/Problem: Vitamen E supplement.
Rx: TOCOPHEROL, ALPHA 27ml PO until further notice.

Dispensing Note: Use 500.00 iu solution.
Rx: TOCOPHEROL, ALPHA 27 ml PO until further notice. (DH)

- 6.Apr Purpose/Problem: Annual tetanus vaccination
Vaccination: TETANUS TOXOID 2ml IM SID
Administered right triceps while standing in ERC.
Rx: TETANUS TOXOID 2 ml IM SID for 1 day. (DH)
Elephant pellet ration decreased from 2 scoops to 1.5 scoops for weight loss as per Dr. Hardy. (JB)
- 13.Apr Weight: 5195 Kg (11450 Lb)

- 28.Jun Routine foot trimming with no sedation. Khun Chorn in moderate to heavy musth. Laid on side for one hour and eight minutes.

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.....2000....

28.Jun 9:20-rotated. 10:28-upright. All feet and nails overgrown. No significant defects. Will follow-up next week or so to finish. Khun Chorn fidgety through out procedure. Luedde and Bradford attending. (JB)

20.Jul Parasitology examination: (ROUTINE EXAMINATION) Fecal sample. NO PARASITES SEEN

3.Aug Weight: 4578 Kg (10090 Lb)
13.Aug Routine foot trimming without sedation. Right front foot has defect on pad proximal to RF2 nail caused by embedded rock. Area cleaned of necrotic tissue and pus. Started epsom salt foot bath 14 Aug BID. Luedde and Duer attending. (JB)
14.Aug Blood sample: (10:00.0) Hematology results.
WBC:13.30 *10³/UL; HCT: 41.3%;
Purpose/Problem: Embedded rock on foot pad of right front foot causing
Rx: PHENYLBUTAZONE 5gm PO BID for 4 days. (.967 mg/kg)

Dispensing Note: Dispense 8 doses. Each dose: 5 tablets. Total to dispense: 40 tablets. Use 1 gm tablets.

Rx: PHENYLBUTAZONE 5 gm PO BID for 4 days. (DH)
18.Aug Switched foot bath to Pine-sol BID from epsom salts for defect on right front pad. (JB)
19.Aug Rotated in ERC for followup foot trimming of defect on right front pad. Laid on side for one hour and two minutes. 8:49- rotated. 9:51-upright. Pad was undermined, area trimmed 3 x 10 cm running up between 2 and 3 nails on right front foot exposing soft corium. Area scrubbed and treated topically with Furacin spray and Koppertox. Clean area twice tomorrow, soak once in heavy Betadine foot bath for 10 minutes then apply Koppertox. In 48 hours begin twice daily 10 minute foot bath in Formalin, (4 oz. of 37% formaldehyde per one gallon of water) (JB)
20.Aug Purpose/Problem: Undermined pad on right forefoot. 3 x 10 cm area on p
Rx: SULFAMETHOXAZOLE TRIMETHOPRIM DS 96000mg PO BID for 5 days. (20.97 mg/kg)

Dispensing Note: Dispense 10 doses. Each dose: 110 tab. Total to dispense: 1100 of tablet. Use 960.00 mg/tab tablets.
PHENYLBUTAZONE 5000mg PO BID for 4 days. (1.09 mg/kg)

Dispensing Note: Dispense 8 doses. Each dose: 5 tablets. Total to dispense: 40 tablets. Use 1000.0 mg tablets.
Rx: SULFAMETHOXAZOLE TRIMETHOPRIM DS 96000 mg PO BID for 5 days.
Rx: PHENYLBUTAZONE 5000 mg PO BID for 4 days. (DH)

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.....2000....

- 22.Aug Routine foot trimming while standing in ERC. Follow-up to procedure several days ago. Undermined area on right front foot still soft. Continue BID formalin foot baths followed by Koppertox application. Tomorrow allow outside during day, check closely for rocks in defect area afterwards. (JB)
- 26.Aug Discontinued Formalin foot bath due to toxic fumes. Begin daily application of "Tuffskin" on exposed pad tissue on right front pad. Area feels like it is beginning to toughen up. Begin normal access to outside yards. (JB)

Weight: 5413 Kg (11930 Lb)

3.Dec

.....2001....

- 9.Jan 1st of 3 trunk washes for TB testing taken.
- 10.Jan 2nd of 3 trunk washes for TB testing taken.
- 11.Jan 3rd of 3 trunk washes taken for TB testing.
- 1.Feb Parasitology examination: (ROUTINE EXAMINATION) Fecal sample.
NO PARASITES SEEN
- 7.Feb Negative for TB as per MO State TB Lab (AFB smear and culture).
- 10.Feb Routine foot trimming while rotated in ERC. No sedation. Laid on side for one hour. 9:24-rotated. 10:24-upright. No significant defects noted.
Bradford and D. Luedde attending. (JB)
- 13.Feb Blood sample: (EDTA) (10:20.0) Hematology/Chemistry/Serology results.
WBC:112.00 *10³/UL; HCT: 43.1%; BUN:16 MG/DL;
- 15.Feb Purpose/Problem: Left ankle stiff and sore.
Rx: PHENYLBUTAZONE 5000mg PO BID for 5 days. (1.09 mg/kg)

Dispensing Note: Dispense 8 doses. Each dose: 5 tablets. Total to dispense: 40 tablets. Use 1000.0 mg tablets.
Rx: PHENYLBUTAZONE 5000 mg PO BID for 5 days. (DH)
- 26.Apr Purpose/Problem: Annual tetanus vaccination
Vaccination: TETANUS TOXOID 3ml IM SID

Dispensing Note: Dispense one dose. Each dose: 3 ml.
Rx: TETANUS TOXOID 3 ml IM SID for 1 day. (DH)
- 30.Jun Routine foot trimming while rotated in ERC. No sedation. Pads and nails overgrown but no significant defects present. Laid on side for one hour and thirty-five minutes. 11:20-rotated. 12:55-upright.
Carden and S. Luedde attending. (JB)

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.....2001....

- 9.Sep Blood sample: (EDTA) Hematology/Chemistry/Serology results.
WBC:142.00 *10³/UL; HCT: 35.7%; BUN:10 MG/DL;
- 20.Sep Parasitology examination: (ROUTINE EXAMINATION) Fecal sample.
NO PARASITES SEEN
- 29.Nov Trimmed two outside nails on right forefoot while standing in ERC.
- 29.Nov (JB)
- 4.Dec Routine foot trimming while rotated in ERC. Laid on side for 57
minutes. 11:30-rotated. 12:27-upright. Pads and nails overgrown but
no defects evident. Will do follow-up in one or two weeks.
Khun Chorn in musth, fidgety throughout most of procedure.
Bradford and D. Luedde attending. (JB)

.....2002....

- 11.Jan Purpose/Problem: Stiff left foreleg, elbow and knee. No swelling detected
Rx: PHENYLBUTAZONE 5000mg PO BID for 4 days. (.924 mg/kg)

Dispensing Note: Dispense 8 doses. Each dose: 5 tablets. Total
to dispense: 40 tablets. Use 1000.0 mg tablets.
Rx: PHENYLBUTAZONE 5000 mg PO BID for 4 days.
Started daily 10 minute hydrotherapy (warm) BID this pm until
improvement noted on stiff left foreleg. (DH)
- 30.Jan 1st of three trunk washes for TB testing.
- 31.Jan 2nd of three trunk washes for TB testing.
- 1.Feb 3rd of three trunk washes for TB testing.
- 8.Feb Blood sample: (EDTA) (12:30.0) Hematology/Chemistry/Serology results.
WBC:155.00 *10³/UL; HCT: 43.4%; BUN:11 MG/DL;
- 19.Feb Negative for TB as per MO State TB lab.
- 27.Feb Parasitology examination: (DIAGNOSTIC EXAMINATION) Fecal sample.
NO PARASITES SEEN
- 13.Mar Parasitology examination: (ROUTINE EXAMINATION) Fecal sample.
NO PARASITES SEEN
- 10.May Routine foot trimming while rotated in ERD. No sedation. Laid on
side for one hour and twenty minutes. 11:34 AM-rotated. 12:54
PM-upright.
No significant defects but excessive overgrowth of nails and pads,
several unhealthy nails on forefeet required removal of 50 to 70% of
nail. However no abscesses, inflammation, or corium present or
exposed. Follow-up trimming in a week or two.

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.....2002....

10.May Blood collected and Hoof Flex applied.
No Musth, Khun Chorn fidgeted some but over all was cooperative.
S. Luedde and Bradford attending. (JB)

17.Sep Purpose/Problem: Annual tetanus vaccination
Vaccination: TETANUS TOXOID 3ml IM SID

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Dispensing Note: Dispense one dose. Each dose: 3 ml.
Rx: TETANUS TOXOID 3 ml IM SID for 1 day.

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21.Sep Routine foot trimming in ERC. 9:16-rotated. 10:22-upright. Laid on
side for one hour and six minutes. No defects noted, just overgrown
pads and nails. Khun Chorn in moderate to heavy musth, good behavior
though throughout procedure.
Bradford and D. Luedde attending.

.....2003....

18.Feb First of three trunk washes for TB testing.
19.Feb Second of three trunk washes for TB testing.
20.Feb Third of three trunk washes for TB testing.
21.Feb All trunk washes (18, 19, 20 Feb 2003) negative for tuberculosis
(AFB smear) as per MO State Tuberculosis Laboratory. Culture Numbers
598, 599, 600.

26.Mar Blood sample: (EDTA) Hematology/Chemistry/Serology results.
WBC:15.80 *10³/UL; HCT: 42.2%; BUN:11 MG/DL;
P) Blood drawn for CBC/Chem. (DH)

1.Apr Negative Culture Report- All trunk washes (18, 19, 20 Feb 03)
negative for Tuberculosis. Culture #s 598, 599, 600.

10.Jun Parasitology examination: (DIAGNOSTIC EXAMINATION) Fecal sample.
NO PARASITES SEEN

15.Jul Parasitology examination: (ROUTINE EXAMINATION) Fecal sample.
NO PARASITES SEEN

12.Aug Confirmed breeding of Connie twice today.

10.Oct Purpose/Problem: Stiff left foreleg, elbow and knee. No swelling detec
Rx: PHENYLBUTAZONE 5000mg PO BID for 4 days. (.924 mg/kg)

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Dispensing Note: Dispense 8 doses. Each dose: 5 tablets. Total

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.....2004.....

1.Jan about 15 minutes of coaxing and proding. KC was mildly sedated so he had some difficulty in entering ERD, but he was not belligerent. Blood samples collected from med. saphenous v. Flunixin meglumine IV slowly.

Post treatment Khun Chorn was released into the East yard for exercise with Connie and Moola. Khun Chorn showed no discomfort and seemed to be moving in a subdued but normal fashion. Ate some hay. Two thirds ration of hay was given for the night.

Keepers will check on him during the night and will assess need for further treatment.

Fecal exam was negative, blood was collected for CBC and Chemistry. Fecal culture taken.

A) Mild colic

T) Rx: BUTORPHANOL TARTRATE 88.75 mg IM SID for 1 day. (100) (12:00 pm)

Rx: FLUNIXIN MEGLUMINE 5500 mg IV SID for 1 dose. 13:00

Two thirds ration of hay was given for the night.

Keepers will check on him during the night and will assess need for further treatment. (MS)

Weight: 5200 Kg (11461 Lb)

2.Jan P) No discomfort this morning. Stools appear normal . Activity normal.

Reviewed CBC/Chem values: Values within normal limits. (DH)

28.Jan PROBLEM: tuberculin testing - TRUNK WASH (onset)

P) Begin 3 day regimen of trunk washes for TB testing. Culture also. (DH)

30.Jan PROBLEM: tuberculin testing - TRUNK WASH (resolved)

4.Feb P) Results of 3 day trunk washes: TB Negative (MO ST. TB LAB) (DH)

18.Feb Parasitology examination: (ROUTINE EXAMINATION) Fecal sample. NO PARASITES SEEN

23.Mar P) TB culture: neg. #372, 373, and 374 MSTL (DH)

21.Apr Confirmed breeding between Connie and Khun Chorn. (JB)

9.Oct Foot work performed in ERD by D. Luedde and M. Carden. No defects, just overgrown nails and pads. (JB)

7.Nov Purpose/Problem: Stiff in Rt. Carpal joint

Rx: PHENYLBUTAZONE 10000mg PO SID (1.92 mg/kg)

Dispensing Note: Dispense one dose. Each dose: 10 tablets. Use

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.....2004....

- 7.Nov 1000.0 mg tablets.
P) Jeff reports Khun Chorn's RT foreleg is stiff at the carpus.
T) Rx: 10g Phenylbutazone PO initially then 5 g PO BID x 3 days.
(DH)
- 8.Nov Purpose/Problem: Stiff Rt. carpal joint
Rx: PHENYLBUTAZONE 5000mg PO BID for 3 days. (.962 mg/kg)

Dispensing Note: Dispense 6 doses. Each dose: 5 tablets. Total
to dispense: 30 tablets. Use 1000.0 mg tablets.
- 9.Nov P) Rt. foreleg (carpus) appears to be non-painful. No swelling
noted.
T) Continue Phenylbutazone 5 g BID for 1more day (DH)
- 26.Dec Purpose/Problem: Favoring left foreleg
Rx: PHENYLBUTAZONE 5gm PO BID for 4 days. (.962 mg/kg)

Dispensing Note: Dispense 8 doses. Each dose: 5 tablets. Total
to dispense: 40 tablets. Use 1 gm tablets.
P) Favoring left foreleg
T) Rx: PHENYLBUTAZONE 5 gm PO BID for 4 days. (DH)
- 27.Dec P) Left foreleg improved

.....2005....

- 14.Feb Blood sample: (EDTA) (15:30.0) Hematology/Chemistry/Serology results.
WBC:10.40 *10³/UL; HCT: 30.9%; BUN:12 MG/DL;
P) Will move but slowly. Appears to be lethargic. Appetite normal.
Later in day keeper noted L foreleg seems stiff.
T) Rx: Phenylbutazone 10 gm SID PO today then 5 gm BID x 3 days.
Blood collected for CBC/Chem. (DH)
- 15.Feb P) Begin 3 day regimen of trunk washes for TB testing.
- 16.Feb P) Has shown no further lameness. (DH)
- 18.Feb P) Results of 3 day trunk washes: TB Negative (MO ST. TB LAB) (DH)
- 21.Feb P) CBC/Chem values reviewed: WNL (within normal limits). (DH)
- 28.Feb Purpose/Problem: sore nails from trimming
Rx: PHENYLBUTAZONE 5000mg PO BID for 3 days. (.962 mg/kg)

Dispensing Note: Dispense 6 doses. Each dose: 5 tablets. Total
to dispense: 30 tablets. Use 1000.0 mg tablets.
P) History reported: Feet trimmed within the last 48 hrs. Frontfeet
reportedly tender/sensitive.
A) sensitivity to deep nail trimming
T) Rx: Phenylbutazone 10 gm PO today followed by 5 gram PO BID x 3
days

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.....2005....

28.Feb Monitor daily for response. (DH)

1.Mar Blood sample: (EDTA) (11:00.0) Hematology results.

WBC:11.90 *10³/UL; HCT: 39.9%;

Purpose/Problem: swollen rt. leg

Rx: SULFAMETHOXAZOLE TRIMETHOPRIM DS 96000mg PO BID for 7 days. (18.46 mg/kg)

Dispensing Note: Dispense 14 doses. Each dose: 100 tab. Total to dispense: 1400 of tablet. Use 960.00 mg/tab tablets.

P) Leg reportedly swollen today/ Sample drawn for CBC/Diff.

O) Front rt. leg swollen regionally near carpus.

A) Soft tissue inflammation from trimming/ Secondary infection from trim/
foreign body/ open

T) Rx: SULFAMETHOXAZOLE TRIMETHOPRIM DS 96000 mg PO BID for 7 days. Also suggested Epsom salts soaks to Jeff Glazier (DH)

2.Mar O) Leg improved today, less swollen, bearing wt. normally. Jeff Glazier in agreement.

A) Resolving soft tissue inflammation/ Resolving secondary infection from trimming/ foreign body/ open

T) Continue Epsom soaks and SMX-TMP treatments (DH)

3.Mar P) Continues to improve. Radiograph Rt. forefoot; Digits 2,3,4; Phalanges 2 and 3.

O) radiographed at 90Kvp/15MA/0.4sec/ approx 40cm focal dist. Good technique for P2,3.

No metal density seen in those regions.

A) Resolving soft tissue inflammation/ Resolving secondary infection from trimming/ non-metal foreign body/ open

T) Continue Epsom soaks and SMX-TMP treatments. (DH)

4.Mar P) Herbal therapy initiated for (1) internal immune stimulation (Echinacea)

and blood purification (Plantain) and (2) external wash; immune stimulation (Echinacea) , antiseptic (Calendula and Oil of Lavender), blood purifier/ "drawing properties"/ enhance new cell growth (Plantain), and (3) herbal salve which combines antiseptic, drawing properties and promotion of healthy new cell growth.

T) Internal meds approx 2-3 tsp/4 oz water twice daily

External wash: 1 oz/4 oz water. Apply to debrided nail bed. (DH)

7.Mar P) Reviewed CBC/Diff: Relative lymphocytosis (57% of a 11,900 WBC

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.....2005....

7.Mar count).

Continues to respond to SMX-TMP and foot treatment.

A) Low grade infectious, chronic inflammatory, Rt. forefoot affliction.

T) Continue meds. (DH)

8.Mar P) Note! the external wash herbal formula is to be flushed gently into the

fistulous tract in the nail bed.

Slippery elm powder will be mixed in with the salve to aid in drawing infection out. (DH)

12.Mar Front feet trimmed, followup to session several weeks ago. RF2 significant defect undermining pad and behind nail. Hole in pad 8 cm posterior to nail.

LF2 doesn't appear to be too bad, seems to be healing well, another hole same 8 or so cm posterior to nail. Herbal flush and application of ointment continues.

M. Carden performing procedure.

24.Mar Purpose/Problem: Pre-vacc (tetanus toxoid) prophylaxis

Rx: FLUNIXIN MEGLUMINE 5500mg IV SID (1.06 mg/kg)

Dispensing Note: Dispense one dose. Each dose: 110 ml. Use 50.00 mg/ml injectable.

Vaccination: TETANUS TOX. (F.D.) 1ml IM SID

Dispensing Note: Dispense one dose. Each dose: 1 ml.

P) Annual Tetanus toxoid vacc/ pre-med with Flunixin meglumine 30 min prior

to tetanus vacc. inj. Will watch carefully throughout the day for any vaccine reactions.

O) Flunixin meglumine admin. IV approx 30 min prior to Tetanus toxoid.

Temp (fecal pellet) 97.6 F

JG has watched "KC" from 10:10 am until 2:15 pm...no abnormal signs.

DH checked animal at 2:15 pm.....no abnormal findings.

Placed in crush approx 3:15 pm, acting normally, no abnormal findings.

DH/JG/JB 4:30 pm, Fecal pellet temp 97.6 F, no abnormal findings.

JB checked at 10:30 pm; "KC" in stall acting normally.

T) Rx: FLUNIXIN MEGLUMINE 5500 mg IV for 1 dose (9:30 am) Rt. med. saphenous v. slowly.

Rx: TETANUS TOXOID 1 ml IM 10:10 am (rt. triceps mm), (Ft. Dodge Ser.#277336A)

Rx: Mineral oil; Approx. 1/3 gallon offered orally 2:30 pm

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24.Mar prophylactically. (DH)