

Asian Elephant

Elephas maximus

#5 Ruth

Medical Records

October 1, 2010 to March 2, 2011

Report Start Date
10/1/2010

Specimen Report for NEW BEDFO / 5

Report End Date
3/2/2011



Taxonomic name: *Elephas maximus*

Family: Elephantidae

Common name: Asiatic elephant

Order: Proboscidea

Current information

Sex:	Female	Sire ID:	
Birth type:	Unknown	Dam ID:	
Birth Location:	Unknown Location	Rearing:	Unknown
Birthdate-Age:	29 Oct 1958 - 52Y,4M,2D	Hybrid:	Not a hybrid
Time since last Acq:	24Y,4M,2D 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>
29 Oct 1986	Donation from USDI LAW / NONE	NEW BEDFO / 5		

<u>Date</u>	<u>Note type</u>	<u>Comments</u>
2 Oct 2010	Medical note	Collected blood for EEHV study
9 Oct 2010	Medical note	Collected blood for EEHV study
15 Oct 2010	Medical note	Collected blood for EEHV study
18 Oct 2010	Foot management	Left front foot prolapsed tissue debrided and cleaned by WLS
22 Oct 2010	Medical note	Blood drawn for EEHV study
26 Oct 2010	Medical observation	Keepers report elephant has quarter sized abrasion on back. Not there in the AM- most likely from Emily
27 Oct 2010	Medical note	10/27/10: Keeper noted a small abrasion on Ruth's dorsum. No evidence of infection.
		Plan: No treatment at this time. Monitor.
28 Oct 2010	Medical note	10/28/10: Stiff on right front leg as is seen intermittently.
		Plan: Restart Glycoflex
29 Oct 2010	Medical note	Collected blood for EEHV study
2 Nov 2010	Note	RM and MW began apprenticeship in elephants. Will be carrying a guide and assisting elephant handlers with daily duties.
3 Nov 2010	Medical observation	Keeper reports animal is sore/sensitive on left front leg/foot
5 Nov 2010	Medical note	Collected blood for EEHV study
5 Nov 2010	Medical observation	Keepers report elephant is much less stiff and sensitive on left front leg today.
6 Nov 2010	Medical observation	Stiffness resolved.
11 Nov 2010	Foot management	Keepers report some additional necrotic tissue present above tx site- nail growing in too quickly- WLS to recheck.
12 Nov 2010	Medical note	Blood drawn for EEHV study
19 Nov 2010	Medical note	Blood drawn for EEHV study
26 Nov 2010	Medical note	Blood drawn for EEHV study.
29 Nov 2010	Medical note	Keepers report finding a small piece of wire on the top of Ruth's head on the right side (FO in hay?)
2 Dec 2010	Medical note	Keepers report small amount of pus was expressed from small wound on elephant's head. Plan: to keep clean and monitor.
3 Dec 2010	Medical note	Blood drawn for EEHV study
3 Dec 2010	Foot management	Routine footwork on left rear pad, nails and cuticles. (SAM)
4 Dec 2010	Foot management	Routine footwork on right rear pad and left front foot. Small pocket of caseous material cleaned out. (SAM)
5 Dec 2010	Foot management	Corrective trimming on left front foot (WLS)
10 Dec 2010	Medical note	Blood drawn for EEHV study
17 Dec 2010	Medical note	Blood drawn for EEHV study
31 Dec 2010	Medical note	Blood drawn for EEHV study
3 Jan 2011	Medical note	Glycoflex remains on back-order.
		Plan: Restart Glycoflex.



		Trunk washes 1/11, 1/12, 1/13/11
7 Jan 2011	Medical note	Blood drawn for EEHV study
11 Jan 2011	Medical procedure	Trunk wash #1 for TB
12 Jan 2011	Medical procedure	Trunk wash #2 for TB
13 Jan 2011	Medical procedure	Blood drawn for USDA TB test
		Trunk wash #3
		Blood drawn for annual bloodwork
		Trunk Wash #3 complete, TB blood test: Stat-PAK assay negative. Check on soft tissue prolapse on right front foot which has been treated with regular footwork: No evidence of infection. Soft tissue appears healthy.
17 Jan 2011	Medical note	Blood drawn for EEHV study
18 Jan 2011	Medical note	Keepers report elephant seemed slightly constipated, straining to defecate. Head keeper checked stool- quality slightly dry. Plan: To monitor
21 Jan 2011	Foot management	Routine footwork completed on front left pad, nail and cuticle and rear right pad and cuticle (SAM)
22 Jan 2011	Medical note	Blood drawn for EEHV study.
23 Jan 2011	Diet	Keepers report elephants do not find the new shipment of hay palatable
25 Jan 2011	Medical note	Keepers report Ruth has two "marks" on her side- might be from Emily's tusks.
26 Jan 2011	Medical note	Ruth sustained several abrasions on her rump today apparently from being hit from behind by Emily. Keepers did not see the incident, but heard Ruth vocalize when both elephants were out of view and Emily had moved from inside to outside near where Ruth was standing. Keepers instructed to clean hay and debris from the abrasions using dilute chlorahex solution and monitor.
29 Jan 2011	Medical note	Blood drawn for EEHV study
8 Feb 2011	Medical note	MWI informed us that Glycoflex has been received at their warehouse and will be shipped out today to be received tomorrow. Dispensed domestics' glycoflex today as replacement should arrive tomorrow.
		Plan:
		1.) Glycoflex II EQ: 6 scoops PO BID loading dose through 3/8/11, followed by 3 scoops PO BID thereafter for maintenance
12 Feb 2011	Medical note	Blood drawn for EEHV study
16 Feb 2011	Medical note	Plan:
		1.) Glycoflex II EQ: 6 scoops PO BID loading dose through 3/8/11, followed by 3 scoops PO BID thereafter for maintenance.
19 Feb 2011	Medical note	Blood drawn for EEHV study
22 Feb 2011	Medical note	Vet rechecked left carpus: Swelling is resolved. Emily is flexing carpus and continues to ambulate well.
		Plan:
		1.) DC DMSO application. Monitor.

Medical History Report - Summary for Individual Specimen
BUTTONWOOD PARK ZOO

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=====
ELEPHAS MAXIMUS (no subsp)           Sex: Female           Acc. #: 5
Asiatic elephant                     Age: 52Y 4M 3D        Birth: 29.Oct.1958
Name: RUTH
=====
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.....2010....

29.Oct Clinical note recorded. (TMD)

16.Nov Clinical note recorded. (SCM)

1.Dec Clinical note recorded. (SCM)

.....2011....

3.Jan Clinical note recorded. (SCM)

11.Jan Clinical note recorded. (SCM)

12.Jan Clinical note recorded. (SCM)

13.Jan Clinical note recorded. (SCM)

26.Jan Clinical note recorded. (SCM)

8.Feb Clinical note recorded. (SCM)

16.Feb Clinical note recorded. (SCM)

=====

ELEPHAS MAXIMUS (no subsp)
Asiatic elephant
Name: RUTH

=====

Sex: Female Acc. #: 5
Age: 52Y 4M 3D Birth: 29.Oct.1958

=====

Clinical Note: 29.Oct.2010

10/27/10: Keeper noted a small abrasion on Ruth's dorsum. No evidence of infection.

Plan: No treatment at this time. Monitor.

10/28/10: Stiff on right front leg as is seen intermittently.

Plan: Restart Glycoflex.

(MS) (TMD)

Clinical Note: 16.Nov.2010

PO submitted to restart glycoflex. (MAS) (SCM)

Clinical Note: 1.Dec.2010

Glycoflex ordered- on manufacturer back order. (SCM)

Clinical Note: 3.Jan.2011

Glycoflex continues to be on manufacturer back-order. (MS) (SCM)

Clinical Note: 11.Jan.2011

Trunk Wash #1 complete (SCM)

Clinical Note: 12.Jan.2011

: Trunk Wash #2 Complete (SCM)

Clinical Note: 13.Jan.2011

Trunk Wash #3 complete, TB blood test: Stat-PAK assay negative. Check on soft tissue prolapse on right front foot which has been treated with regular footwork: No evidence of infection. Soft tissue appears healthy (MS) (SCM)

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ELEPHAS MAXIMUS (no subsp)
Asiatic elephant
Name: RUTH

=====

Sex: Female Acc. #: 5
Age: 52Y 4M 3D Birth: 29.Oct.1958

=====

Clinical Note: 26.Jan.2011

Ruth sustained several abrasions on her rump today apparently from being hit from behind by Emily. Keepers did not see the incident, but heard Ruth vocalize when both elephants were out of view and Emily had moved from inside to outside near where Ruth was standing. Keepers instructed to clean hay and debris from the abrasions using dilute chlorahex solution and monitor. (MS) (SCM)

Clinical Note: 8.Feb.2011

: MWI informed us that Glycoflex has been received at their warehouse and will be shipped out today to be received tomorrow. Dispensed domestics' glycoflex today as replacement should arrive tomorrow.

Plan:

1.) Glycoflex II EQ: 6 scoops PO BID loading dose through 3/8/11, followed by 3 scoops PO BID thereafter for maintenance.

(MS) (SCM)

Clinical Note: 16.Feb.2011

1.) Glycoflex II EQ: 6 scoops PO BID loading dose through 3/8/11, followed by 3 scoops PO BID thereafter for maintenance.

(MS) (SCM)

Clinical Pathology Records Report - ISIS/In-House Reference Values
BUTTONWOOD PARK ZOO

Scientific name: *ELEPHAS MAXIMUS*

Common Name: Asiatic elephant

		ISIS Values				
		Mean	S.D.	Min.	Max.	(N)
WBC	*10 ³ /UL	14.43 ±	4.409	5.800	33.30	(1779)
RBC	*10 ⁶ /UL	3.06 ±	0.51	1.78	5.15	(1501)
HGB	GM/DL	13.2 ±	2.2	6.6	24.9	(1568)
HCT	%	37.1 ±	6.0	20.3	68.0	(1890)
MCH	MG/DL	43.3 ±	4.8	16.6	63.2	(1464)
MCHC	uug	35.4 ±	3.6	16.9	68.6	(1536)
MCV	fL	122.3 ±	13.4	47.1	213.2	(1491)
SEGS	*10 ³ /UL	4.822 ±	2.925	0.291	23.90	(1502)
BANDS	*10 ³ /UL	1.402 ±	2.124	0.000	11.40	(307)
LYMPHOCYTES	*10 ³ /UL	5.243 ±	3.223	0.196	20.60	(1513)
MONOCYTES	*10 ³ /UL	3.677 ±	2.909	0.000	9.983	(1273)
EOSINOPHILS	*10 ³ /UL	0.465 ±	0.551	0.000	4.520	(1093)
BASOPHILS	*10 ³ /UL	0.173 ±	0.105	0.000	0.508	(119)
NRBC	/100 WBC	1 ±	1	0	3	(85)
PLATE. CNT.	*10 ³ /UL	469 ±	215	121	1394	(428)
RETICS	%	0.8 ±	1.6	0.0	4.4	(10)
GLUCOSE	MG/DL	91 ±	21	33	223	(1257)
BUN	MG/DL	13 ±	4	4	30	(1260)
CREAT.	MG/DL	1.6 ±	0.4	0.7	3.3	(1230)
URIC ACID	MG/DL	0.2 ±	0.3	0.0	3.4	(286)
CA	MG/DL	10.6 ±	0.8	7.8	14.8	(1184)
PHOS	MG/DL	5.0 ±	1.2	1.9	11.1	(724)
NA	MEQ/L	130 ±	6	99	181	(859)
K	MEQ/L	4.6 ±	0.5	3.2	6.6	(861)
CL	MEQ/L	89 ±	4	77	103	(731)
IRON	MCG/DL	65 ±	23	29	158	(82)
MG	MG/DL	2.10 ±	0.53	0.00	2.90	(68)
HCO3	MMOL/L	26.3 ±	3.0	19.0	32.3	(55)
CHOL	MG/DL	48 ±	19	0	189	(599)
TRIG	MG/DL	61 ±	42	10	329	(745)
T.PROT. (C)	GM/DL	8.1 ±	0.8	5.8	11.3	(1227)
T.PROT. (R)	GM/DL	8.4 ±	0.4	7.8	9.2	(23)
ALBUMIN (C)	GM/DL	3.2 ±	0.5	1.9	4.7	(648)
GLOBULIN (C)	GM/DL	5.0 ±	1.0	2.7	8.6	(639)
AST (SGOT)	IU/L	22 ±	11	4	97	(1227)
ALT (SGPT)	IU/L	7 ±	8	0	72	(781)
T. BILI.	MG/DL	0.2 ±	0.2	0.0	1.2	(765)
D. BILI	MG/DL	0.1 ±	0.1	0.0	1.3	(233)
I. BILI.	MG/DL	0.1 ±	0.1	0.0	0.6	(224)
AMYLASE	U/L	3017 ±	2492	0	9866	(170)
ALK.PHOS.	IU/L	143 ±	66	28	641	(1157)
LDH	IU/L	655 ±	703	46	4769	(495)

Clinical Pathology Records Report - ISIS/In-House Reference Values
BUTTONWOOD PARK ZOO

Scientific name: *ELEPHAS MAXIMUS*

Common Name: Asiatic elephant

ISIS Values

Mean S.D. Min. Max. (N)

CPK	IU/L	225 ± 170	23	1260	(486)
OSMOLARITY	MOSMOL/L	264 ± 29	0	325	(98)
ALPHA GLOB.	MG/DL	250.4 ± 353.1	0.7	500.0	(2)
ALPHA-1 GLOB	MG/DL	0.8 ± 0.1	0.7	1.0	(6)
ALPHA-2 GLOB	MG/DL	0.9 ± 0.2	0.7	1.1	(6)
BETA GLOB.	MG/DL	1.0 ± 0.6	0.6	1.4	(2)
Body Temperature:		36.3 ± 0.5	36.0	37.0	(4)
CO2	MMOL/L	24.8 ± 4.0	15.8	37.0	(230)
CORTISOL	UG/DL	2.0 ± 1.0	0.5	5.4	(35)
ESR	MM/HR	98 ± 32	53	130	(7)
FIBRINOGEN	MG/DL	371 ± 181	0	810	(238)
GGT	IU/L	7 ± 5	0	33	(314)
LIPASE	U/L	19 ± 30	0	127	(53)
PROGESTERONE	NG/DL	18.82 ± 62.45	0.020	346.0	(379)
TESTOSTERONE	NG/ML	20.34 ± 27.95	0.570	40.10	(2)
A-TOCOPHEROL	UG/DL	19 ± 15	0	42	(8)
TOTAL T4	MCG/DL	10.0 ± 2.7	4.2	12.6	(10)
I3 UPTAKE	%	28 ± 2	26	29	(2)
ALBUMIN (E)	GM/DL	4.1 ± 0.6	3.5	4.9	(4)
GAMMA GLOB	GM/DL	2.9 ± 2.9	0.0	9.0	(11)

IDEXX VetConnect

1-888-433-9987

Client: BPZOO
Patient: RUTH
Species: ASIALEP
Breed: ASIAN EL

Date: 1/23/2011
Gender: FEMALE
Weight:
Age: 53Y

Requisition #:
 2868388
Accession #:
 R1352901
Ordered by: SIMS

**BUTTONWOOD PARK
 ZOO**
 425 HAWTHORNE
 STREET
 NEW BEDFORD, MA
 02740
 508-991-6178

Account #80666

LARGE ANIMAL PROFILE : LARGE ANIMAL PANEL

Test	Result	Reference Range	Low	Normal	High
ALK. PHOSPHATASE	80	U/L			
AST (SGOT)	14	U/L			
CK	318	U/L			
GGT	3	U/L			
ALBUMIN	3.2	g/dL			
TOTAL PROTEIN ¹	9.2	g/dL			
GLOBULIN	6.0	g/dL			
TOTAL BILIRUBIN	0.2	mg/dL			
DIRECT BILIRUBIN	0.1	mg/dL			
BUN	12	mg/dL			
CREATININE	1.4	mg/dL			
CHOLESTEROL ²	46	mg/dL			
GLUCOSE	85	mg/dL			
CALCIUM	10.4	mg/dL			
PHOSPHORUS	4.3	mg/dL			
TCO2 (BICARBONATE)	27	mEq/L			
CHLORIDE ³	90	mEq/L			
POTASSIUM	4.4	mEq/L			
SODIUM ⁴	131	mEq/L			
A/G RATIO	0.5				
B/C RATIO	8.6				
INDIRECT BILIRUBIN	0.1	mg/dL			
NA/K RATIO	30				
HEMOLYSIS INDEX	N				
LIPEMIA INDEX	N				
ANION GAP	18	mEq/L			

Comments:

1. RESULT VERIFIED BY REPEAT ANALYSIS
2. RESULT VERIFIED BY REPEAT ANALYSIS
3. RESULT VERIFIED BY REPEAT ANALYSIS

4. RESULT VERIFIED BY REPEAT ANALYSIS

LARGE ANIMAL PROFILE : CBC COMPREHENSIVE

Test	Result	Reference Range	Low	Normal	High
WBC	13.5	THOUS./uL			
RBC	2.36	MILLION/uL			
HGB	10.9	g/dL			
HCT ¹	34.0	%			
MCV	122	fL			
MCH	46.2	pg			
MCHC	37.8	g/dL			
NEUTROPHIL SEG	30	%			
LYMPHOCYTES	37	%			
MONOCYTES	32	%			
EOSINOPHIL	1	%			
BASOPHIL	0	%			
AUTO PLATELET	ADEQUATE	THOUS./uL			
REMARKS	SLIDE REVIEWED MICROSCOPICALLY. NO PARASITES SEEN WBC AND RBC MORPHOLOGY APPEARS NORMAL. PLATELETS APPEAR ADEQUATE.				
ABSOLUTE NEUTROPHIL SEG	4050	/uL			
ABSOLUTE LYMPHOCYTE	4995	/uL			
ABSOLUTE MONOCYTE	4320	/uL			
ABSOLUTE EOSINOPHIL	135	/uL			
ABSOLUTE BASOPHIL	0	/uL			

Comments:

1. HCT IS A MANUALLY SPUN VALUE.

LARGE ANIMAL PROFILE : FIBRINOGEN

Test	Result	Reference Range	Low	Normal	High
FIBRINOGEN ¹	700	MG/DL			

Comments:

1. RESULT VERIFIED BY REPEAT ANALYSIS
For small animals the Quantitative Fibrinogen procedure is recommended (unit code 308). The Quantitative Procedure is more accurate for low levels of Fibrinogen.

MAGNESIUM

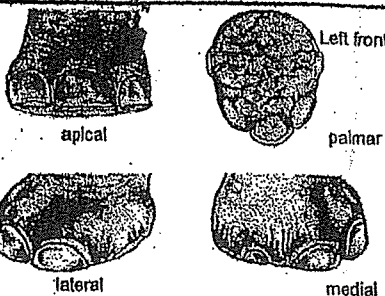
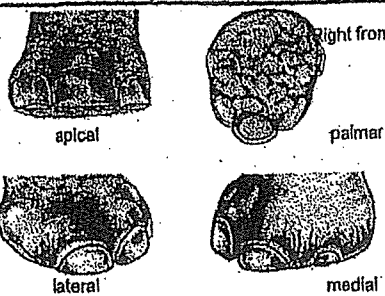
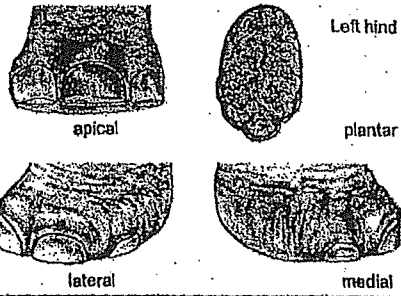
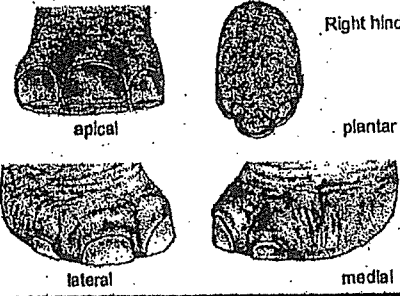
Test	Result	Reference Range	Low	Normal	High
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MAGNESIUM	2.4	mg/dL
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EXAMINATION FORM FOR ASIAN ELEPHANT HOoves

Name of the elephant: Rudin

Date: June 17 2010

Horn quality Hardness soft hard very hard Consistency crumbly compact Humidity humid dry rough								
	Nail							
	W. B. B.							
	Sole							
Pad								
Horn quality Hardness soft hard very hard Consistency crumbly compact Humidity humid dry rough								
	Nail				Cut / reshaped nail			
	W. B. B.				Trimmed pad / cuticle			
	Sole							
Pad								

The different alterations are subdivided into degree 0 to 3: 0 = none, 1 = slight, 2 = moderately, 3 = highgrade. They can be drawn into the figures and the number of digit has to be named where the alteration is:

Nail: abscess, crack (vertical and horizontal), fistula, fissure, overgrown, infection, exungulation, grooves, other alterations, angle of the nail against the ground

Weight bearing border (W. B. B.): abscess, crack (vertical and horizontal), fistula, fissure, overgrown, infection, other alterations


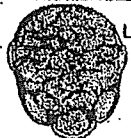

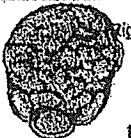












Sole: abscess, crack (vertical and horizontal), fistula, fissure, overgrown, infection, other alterations

Pad: abscess, crack (vertical and horizontal), fistula, fissure, overgrown, foreign body, infection, type of surface (1 = circle-shaped horn pieces, 2 = less furrowed, 3 = smooth), thickness of the horn part (1 = thin, 2 = normal, 3 = thick)

EXAMINATION FORM FOR ASIAN ELEPHANT HOOFES

Name of the elephant: Kuth

Date: June 29 2010

Horn quality Hardness soft hard very hard Consistency crumbly compact Humidity humid dry rough	  Left front foot		  Right front foot					
	apical	palmar	apical	palmar				
	 	lateral	medial	 	lateral	medial		
Nail								
W. B. B.								
Sole								
Pad								
Horn quality Hardness soft hard very hard Consistency crumbly compact Humidity humid dry rough	  Left hind foot		  Right hind foot					
	apical	plantar	apical	plantar				
	 	lateral	medial	 	lateral	medial		
Nail	reshaped nails							
W. B. B.	trimmed pad/cuticle							
Sole	beveled large crack in pad							
Pad	noted 2 gouges steel knives							

The different alterations are subdivided into degree 0 to 3: 0 = none, 1 = slight, 2 = moderately, 3 = highgrade. They can be drawn into the figures and the number of digit has to be named where the alteration is:

Nail: abscess, crack (vertical and horizontal), fistula, fissure, overgrown, infection, exungulation, grooves, other alterations, angle of the nail against the ground









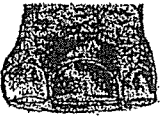







Weight bearing border (W. B. B.): abscess, crack (vertical and horizontal), fistula, fissure, overgrown, infection, other alterations

Sole: abscess, crack (vertical and horizontal), fistula, fissure, overgrown, infection, other alterations

Pad: abscess, crack (vertical and horizontal), fistula, fissure, overgrown, foreign body, infection, type of surface (1 = circle-shaped horn pieces, 2 = less furrowed, 3 = smooth), thickness of the horn part (1 = thin, 2 = normal, 3 = thick)

EXAMINATION FORM FOR ASIAN ELEPHANT HOoves

Name of the elephant: Ruthie Date: Aug 19 2010

Horn quality Hardness soft hard very hard Consistency crumbly compact Humidity humid dry rough	 		 	
	apical	palmar	apical	palmar
	 	 	lateral	medial
	lateral	medial	lateral	medial
Nail				
W. B. B.				
Sole				
Pad				
Horn quality Hardness soft hard very hard Consistency crumbly compact Humidity humid dry rough	 		 	
	apical	plantar	apical	plantar
	 	 	lateral	medial
	lateral	medial	lateral	medial
Nail			trimmed pad - cubicle cut / reshaped nails	
W. B. B.				
Sole				
Pad				

The different alterations are subdivided into degree 0 to 3: 0 = none, 1 = slight, 2 = moderately, 3 = highgrade. They can be drawn into the figures and the number of digit has to be named where the alteration is:

Nail: abscess, crack (vertical and horizontal), fistula, fissure, overgrown, infection, exungulation, grooves, other alterations, angle of the nail against the ground

Weight bearing border (W. B. B.): abscess, crack (vertical and horizontal), fistula, fissure, overgrown, infection, other alterations


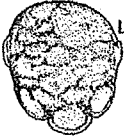






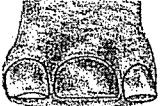







Sole: abscess, crack (vertical and horizontal), fistula, fissure, overgrown, infection, other alterations

Pad: abscess, crack (vertical and horizontal), fistula, fissure, overgrown, foreign body, infection, type of surface (1 = circle-shaped horn pieces, 2 = less furrowed, 3 = smooth), thickness of the horn part (1 = thin, 2 = normal, 3 = thick)

EXAMINATION FORM FOR ASIAN ELEPHANT HOOVES

Name of the elephant: Rudnie

Date: Aug. 23 2010

Horn quality Hardness soft hard very hard Consistency crumbly compact Humidity humid dry rough	  Left front foot		  Right front foot	
	 		 	
	lateral		medial	
Nail	Cut / reshaped / filed nails			
W. B. B.	trimmed pad / cuticle			
Sole	two bruises noted on			
Pad	Pad trim.			
Horn quality Hardness soft hard very hard Consistency crumbly compact Humidity humid dry rough	  Left hind foot		  Right hind foot	
	 		 	
	lateral		medial	
Nail				
W. B. B.				
Sole				
Pad				

The different alterations are subdivided into degree 0 to 3: 0 = none, 1 = slight, 2 = moderately, 3 = highgrade. They can be drawn into the figures and the number of digit has to be named where the alteration is:

Nail: abscess, crack (vertical and horizontal), fistule, fissure, overgrown, infection, exungulation, grooves, other alterations, angle of the nail against the ground

Weight bearing border (W. B. B.): abscess, crack (vertical and horizontal), fistule, fissure, overgrown, infection, other alterations

Sole: abscess, crack (vertical and horizontal), fistule, fissure, overgrown, infection, other alterations

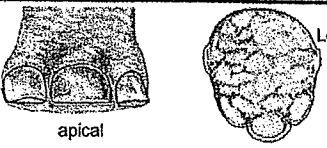
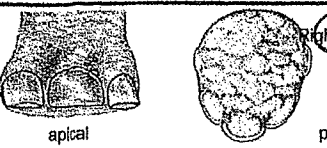




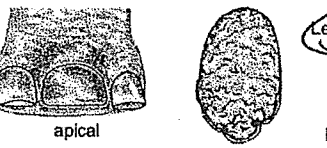
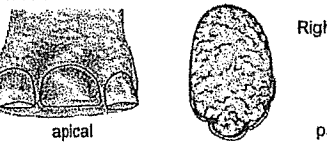




Pad: abscess, crack (vertical and horizontal), fistule, fissure, overgrown, foreign body, infection, type of surface (1 = circle-shaped horn pieces, 2 = less furrowed, 3 = smooth), thickness of the horn part (1 = thin, 2 = normal, 3 = thick)

EXAMINATION FORM FOR ASIAN ELEPHANT HOOVES

Name of the elephant: Belen

Date: Aug 27, 2010

88m

Horn quality Hardness soft hard very hard Consistency crumbly compact Humidity humid dry rough	 Left front foot		 Right front foot	
	 lateral	 medial	 lateral	 medial
	Nail			
	W. B. B.			
Sole				
Pad				
Horn quality Hardness soft hard very hard Consistency crumbly compact Humidity humid dry rough	 Left hind foot		 Right hind foot	
	 lateral	 medial	 lateral	 medial
	Nail			
	W. B. B.			
Sole				
Pad				

The different alterations are subdivided into degree 0 to 3: 0 = none, 1 = slight, 2 = moderately, 3 = highgrade. They can be drawn into the figures and the number of digit has to be named where the alteration is:

Nail: abscess, crack (vertical and horizontal), fistule, fissure, overgrown, infection, exungulation, grooves, other alterations, angle of the nail against the ground

Weight bearing border (W. B. B.): abscess, crack (vertical and horizontal), fistule, fissure, overgrown, infection, other alterations

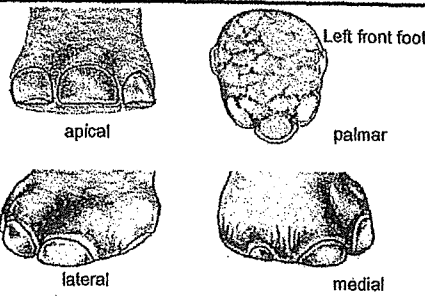
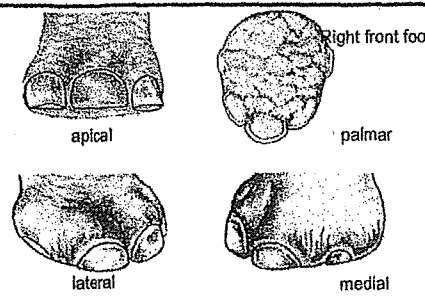
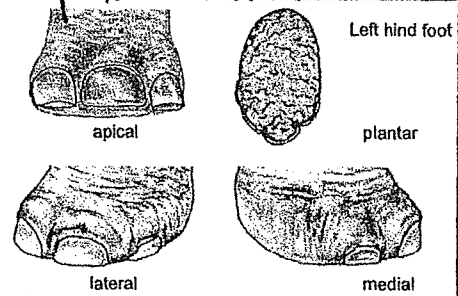
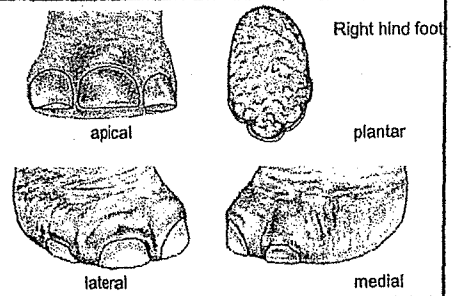
Sole: abscess, crack (vertical and horizontal), fistule, fissure, overgrown, infection, other alterations

Pad: abscess, crack (vertical and horizontal), fistule, fissure, overgrown, foreign body, infection, type of surface (1 = circle-shaped horn pieces, 2 = less furrowed, 3 = smooth), thickness of the horn part (1 = thin, 2 = normal, 3 = thick)

EXAMINATION FORM FOR ASIAN ELEPHANT HOOVES

Name of the elephant: Ruthie

Date: Sept 9 2010

Horn quality Hardness soft hard very hard Consistency crumbly compact Humidity humid dry rough								
	Nail				Nail			
	W. B. B.				W. B. B.			
	Sole				Sole			
Pad				Pad				
Horn quality Hardness soft hard very hard Consistency crumbly compact Humidity humid dry rough								
	Nail				Nail			
	W. B. B.				W. B. B.			
	Sole				Sole			
Pad				Pad				

The different alterations are subdivided into degree 0 to 3: 0 = none, 1 = slight, 2 = moderately, 3 = highgrade. They can be drawn into the figures and the number of digit has to be named where the alteration is:

Nail: abscess, crack (vertical and horizontal), fistule, fissure, overgrown, infection, exungulation, grooves, other alterations, angle of the nail against the ground

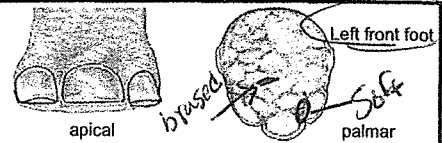
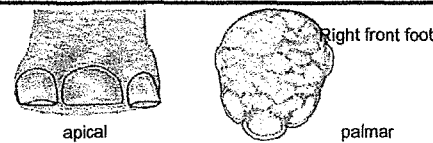
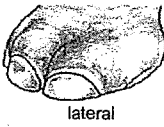
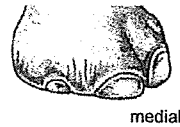
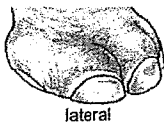
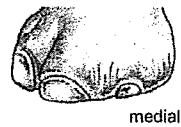

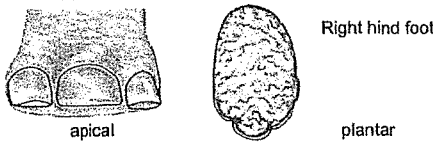
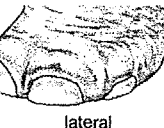

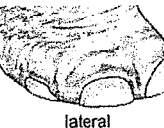

Weight bearing border (W. B. B.): abscess, crack (vertical and horizontal), fistule, fissure, overgrown, infection, other alterations

Sole: abscess, crack (vertical and horizontal), fistule, fissure, overgrown, infection, other alterations

Pad: abscess, crack (vertical and horizontal), fistule, fissure, overgrown, foreign body, infection, type of surface (1 = circle-shaped horn pieces, 2 = less furrowed, 3 = smooth), thickness of the horn part (1 = thin, 2 = normal, 3 = thick)

EXAMINATION FORM FOR ASIAN ELEPHANT HOOVES

Name of the elephant: Pash Date: 12/11/10 AM
SD

Horn quality Hardness soft hard very hard Consistency crumbly compact Humidity humid dry rough	 <p>Left front foot</p>		 <p>Right front foot</p>			
	 <p>lateral</p>	 <p>medial</p>	 <p>lateral</p>	 <p>medial</p>		
	Nail <u>formed pad</u>					
	W. B. B. <u>nail ridge</u>					
Sole						
Pad						
Horn quality Hardness soft hard very hard Consistency crumbly compact Humidity humid dry rough	 <p>Left hind foot</p>		 <p>Right hind foot</p>			
	 <p>lateral</p>	 <p>medial</p>	 <p>lateral</p>	 <p>medial</p>		
	Nail					
	W. B. B.					
Sole						
Pad						

The different alterations are subdivided into degree 0 to 3: 0 = none, 1 = slight, 2 = moderately, 3 = highgrade. They can be drawn into the figures and the number of digit has to be named where the alteration is:

Nail: abscess, crack (vertical and horizontal), fistule, fissure, overgrown, infection, exungulation, grooves, other alterations, angle of the nail against the ground

Weight bearing border (W. B. B.): abscess, crack (vertical and horizontal), fistule, fissure, overgrown, infection, other alterations

Sole: abscess, crack (vertical and horizontal), fistule, fissure, overgrown, infection, other alterations

Pad: abscess, crack (vertical and horizontal), fistule, fissure, overgrown, foreign body, infection, type of surface (1 = circle-shaped horn pieces, 2 = less furrowed, 3 = smooth), thickness of the horn part (1 = thin, 2 = normal, 3 = thick)