

THE HORSE IN NEW KINGDOM EGYPT: ITS INTRODUCTION, NATURE, ROLE AND IMPACT

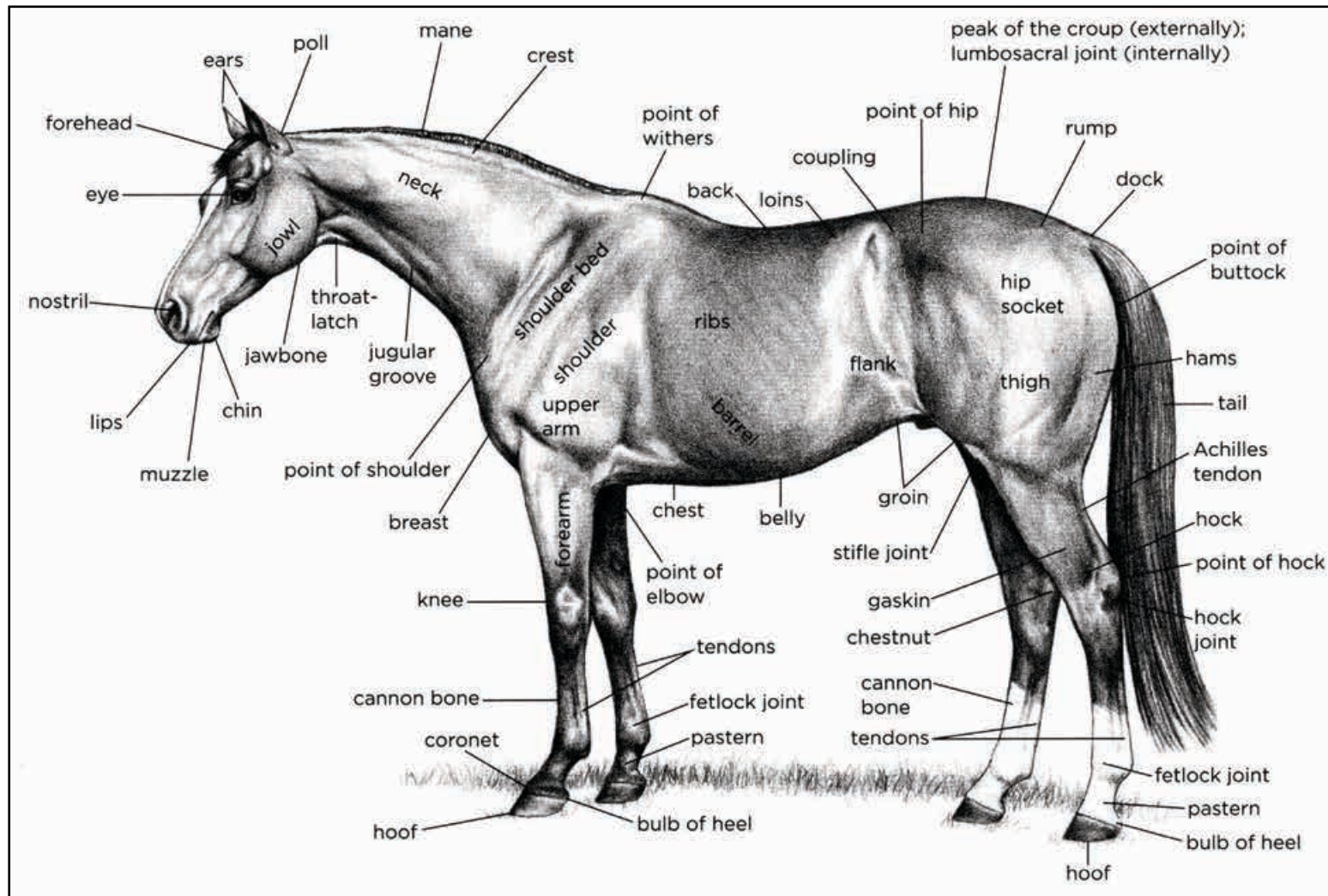


IMAGE COMPANION

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TERMINOLOGY 2: POINTS OF THE HORSE



H. Smith Thomas. (2005) *The Horse Conformation Handbook*. North Adams. 10.

CHAPTER 2

HOW THE HORSE CAME TO EGYPT



Fig. 2.1
Tell el-Ajjul
www.vidiani.com

Century	Dale (BCE/CE)	Period	Tel Beth-Shemesh Phase	Historical Event
20 th – 19 th BCE	2000 – 1800 BCE	Middle Bronze Age IIA		12 th Egyptian dynasty, Canaanite City States
18 th – 17 th	1800 – 1550 BCE	Middle Bronze Age IIB-C	“MBA”	Hyksos period, 15 th dynasty, Canaanite City States
16 th 15 th 14 th 13 th BCE	1550 – 1200 BCE	Late Bronze Age (“Canaanite”)	Level 9 Level 8	18 th – 20 th Egyptian Dynasties. Canaanite city states under Egyptian rule, el-Amarna tablets.
12 th – 11 th BCE	1200 – 1000 BCE	Iron Age Ia and Ib	Level 7 Level 6 Level 5 Level 4	The arrival of the “Sea Peoples” – Philistines among them. The emergence of the Israelite culture in Canaan, the Judges period
10 th – 9 th BCE	1000 – 800 BCE	Iron Age IIa	Level 3	Emergence of statehood and Monarchy in Israel and Judah
8 th BCE	750 – 701 BCE	Iron Age IIb	Level 2	Emergence of Assyrian power, destruction by emperor Sennacherib in 701 BCE
7 th BCE	650 – 635 BCE	Iron Age III	Level 1	The last days of Assyrian power and dominance
				586 BCE - Babylonian emperor Nebbuchadnezzar destruction of Jerusalem (First Temple) and Judah
5 th – 7 th BCE		Byzantine - Arabic		

Fig. 2.2
The Bronze Age
www.depthome.brooklyn.cuny.edu

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GEOLOGICAL TIME				CULTURAL PHASE	SPECIES OF HUMAN	LATE GLACIAL MAXIMUM
Cenozoic Era 65mya-today	Tertiary 65-1.8mya					
	Paleocene 65-54.8mya					
	Eocene 54.8-33.7mya					
	Oligocene 33.7- 23.8mya					
	Miocene 23.8-5.3mya					
	Pliocene 5.3-2.6mya					
	Quaternary 2.6 mya-today					
		Pleistocene 2.6mya-10,000yrsa	Middle Pleistocene 800,000-125,000yrsa	Lower Paleolithic	<i>Homo erectus</i>	
			Late Pleistocene 125,000-35,000yrsa	Middle Paleolithic	<i>Homo s. neanderthalensis</i>	
			Late Pleistocene 35,000-10,000 yrsa	Upper Paleolithic	<i>Homo sapiens</i>	13,000 to 10,000yrsa
Mya= millions of years ago.		Holocene 10,000yrsa to present	Holocene (Recent)	Mesolithic	<i>Homo sapiens</i>	

Adapted from Olsen. S. "Horse Hunters of the Ice Age," in Olsen. S. (ed) 2003 *Horses Through Time*, Lanham, 39 and Web Geological Time Machine at <http://www.ucmp.berkeley.edu/help/timeform.html> accessed 10/10/11.

GEOLOGICAL TIME		HORSE EVOLUTION
Eocene	54.8-33.7mya	Hyracotherium
Oligocene	33.7-23.8mya	Mesohippus
Miocene	23.8-5.3mya	Merychippus
Pliocene	5.3-2.6mya	Pliohippus
Pleistocene	2.6mya -10,000yrs	Equus
Holocene	10,000yrs- present	Equus

Fig. 2.3
Table of Geological Time,

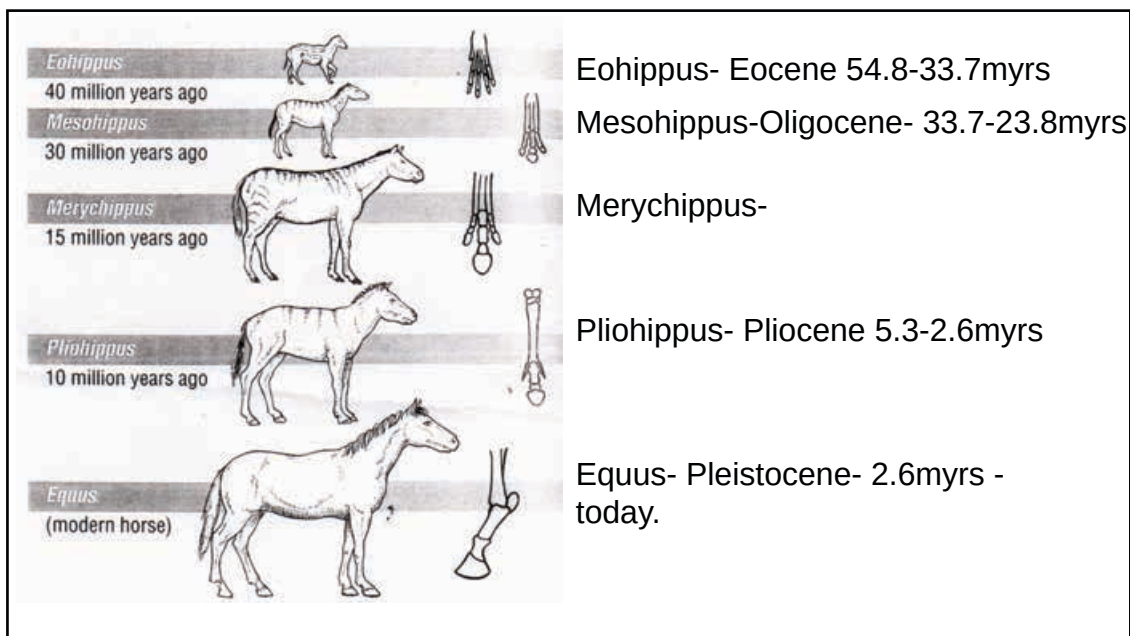


Fig. 2.4
Evolution of the Horse
Rickard. G. et al. (2010) *Science Focus*, 4. Ch 5.



Fig. 2.5
Sites of Late Pleistocene and Early Holocene Horse Remains



Fig. 2.6a
The Tarpan
Edwards
(2000) *The New Encyclopedia of the Horse*, 21.



Fig. 2.6b
E.c.pumpelli (an example- a modern Arab horse exhibiting the general features of this subspecies.
Bennett (2006) The Mammalian Species Paper, http://www.equinestudies.org/knowledge_base/mammalian.html

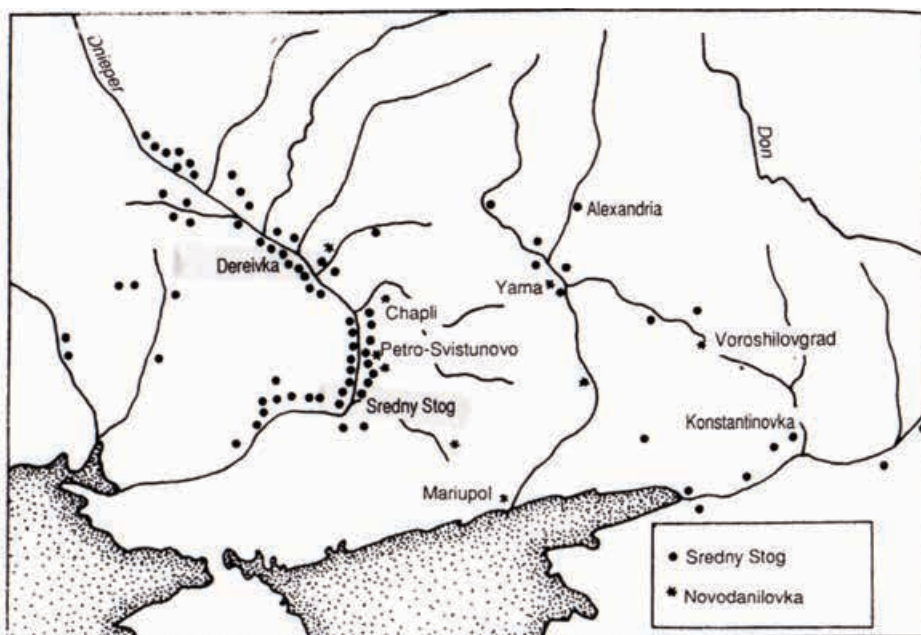


Fig. 2.7
Ukrainian and Transcaucasian Cultures
Sredni Stog Culture and Dereivka
Mallory (1989) *In Search of the Indo-Europeans*, fig. 93.

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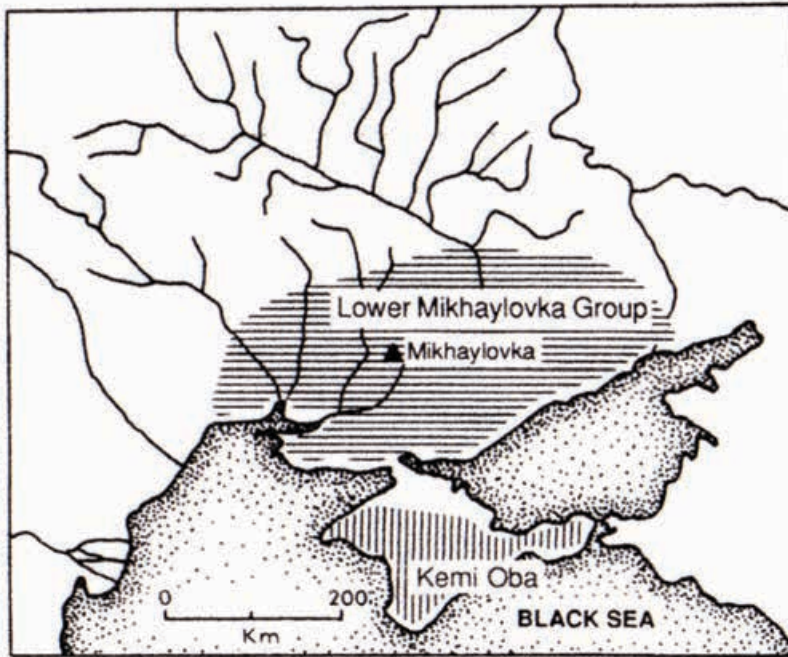


Fig. 2.8
Mikhaylovka Culture
Mallory (1989) *In Search of the Indo-Europeans*, fig. 103.

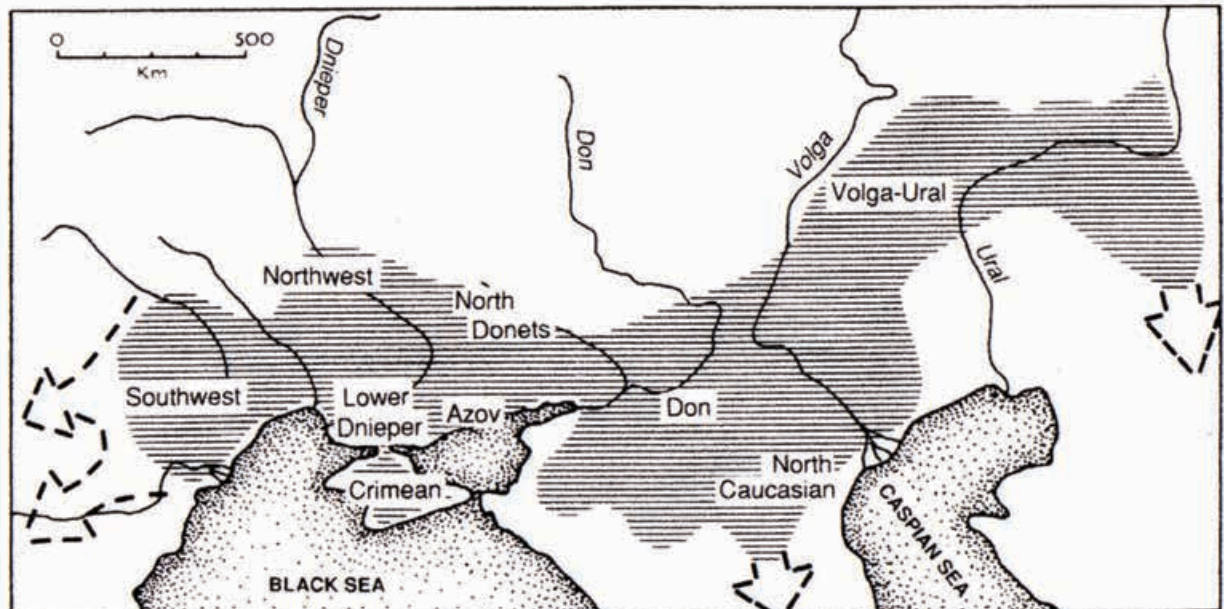


Fig. 2.9
Yamnaya Culture (shaded)
Mallory (1989) *In Search of the Indo-Europeans*, fig. 112.

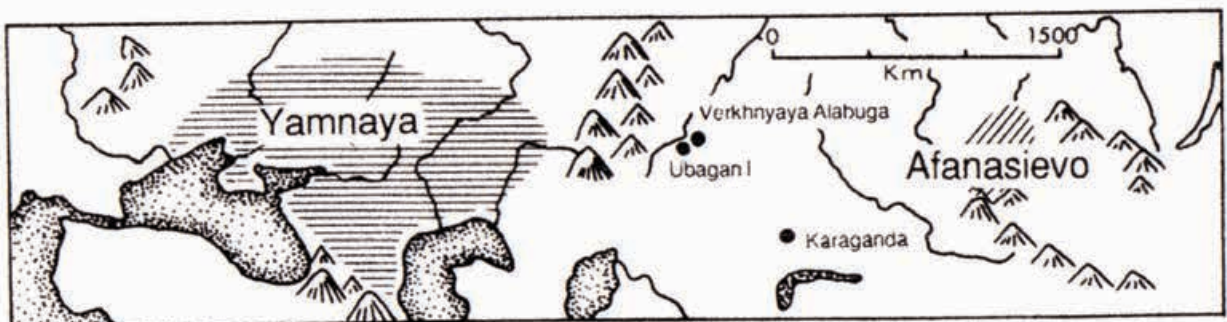


Fig. 2.10
Afanasievo Culture
Mallory (1989) *In Search of the Indo-Europeans*, fig.125.

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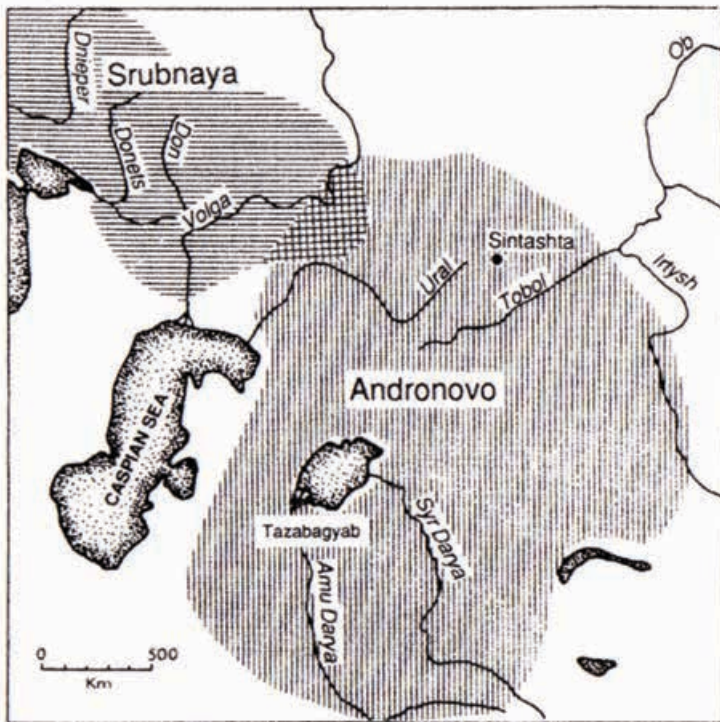


Fig. 2.11
Andronovo Culture
Mallory (1989) *In Search of the Indo-Europeans*, fig.126.



Fig. 2.12
Kura-Araxes Culture
Mallory (1989) *In Search of the Indo-Europeans*, fig. 17.

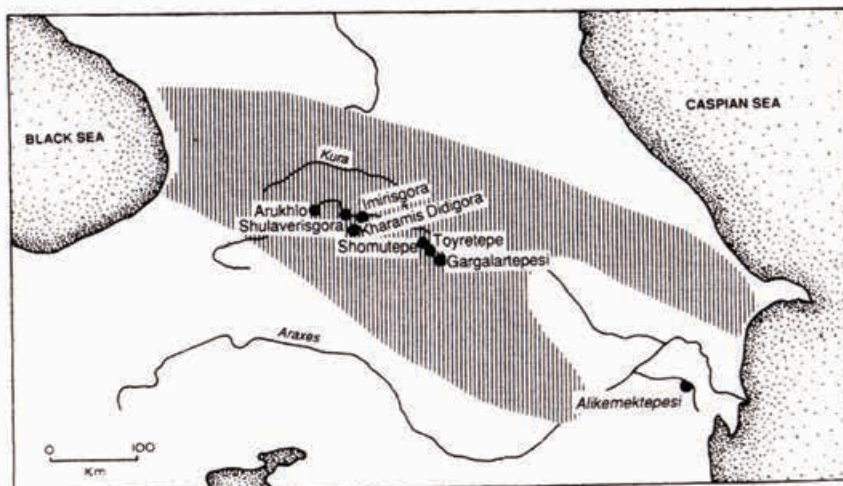


Fig.2.13
Alikemektepesi
Mallory (1989)
In Search of the Indo-Europeans,
fig. 90.

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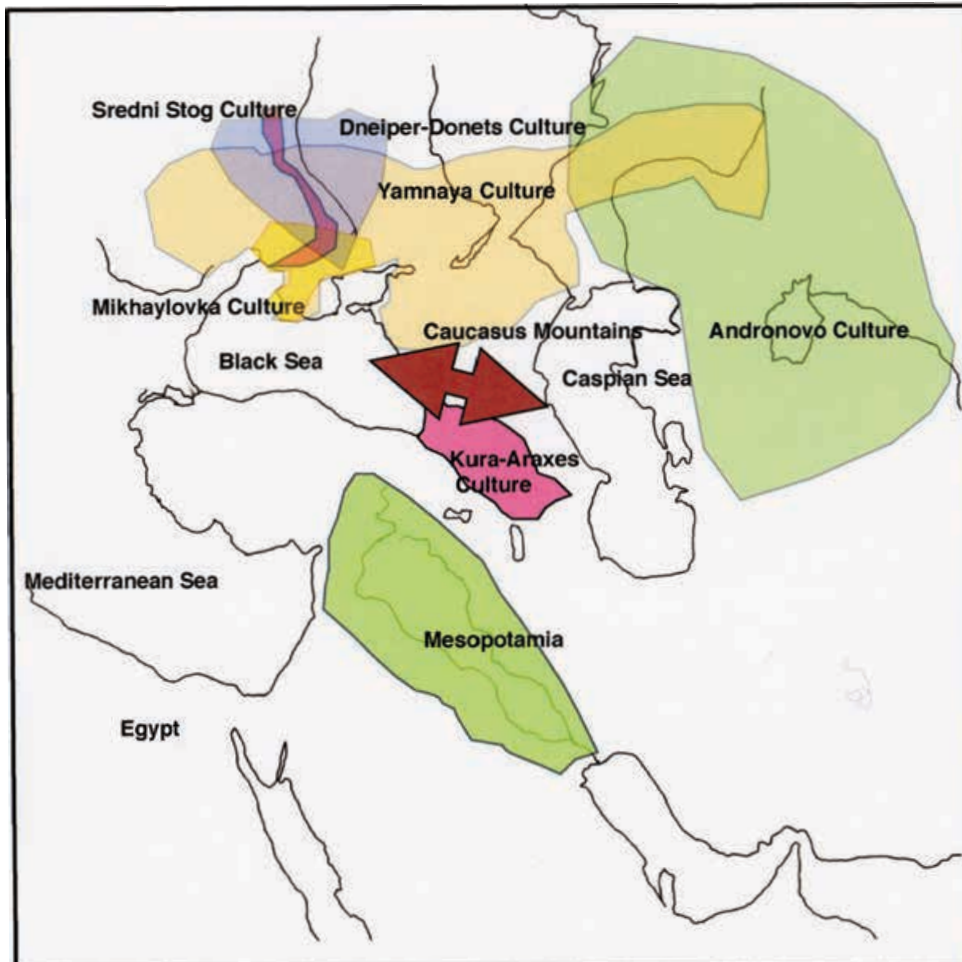


Fig. 2.14
Horse-Keeping Cultures in Caucasia and Transcaucasia

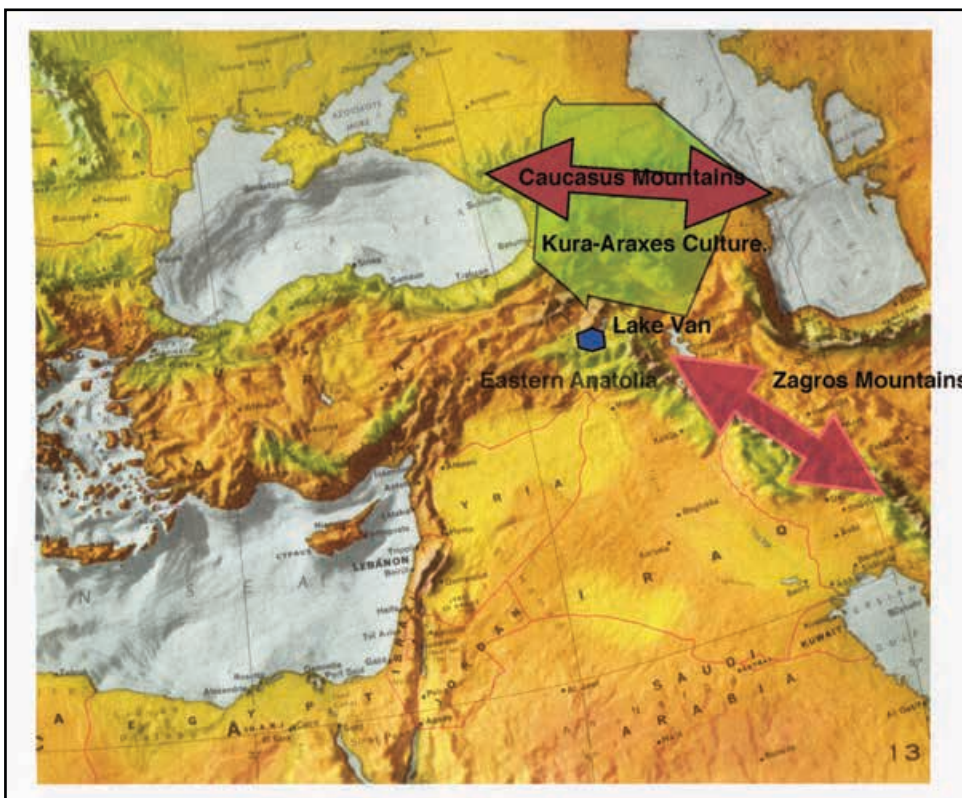


Fig. 2.15
Kura-Araxes
Culture

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Fig. 2.16
Overview- Archaeological Finds of Horse Remains in the Middle East

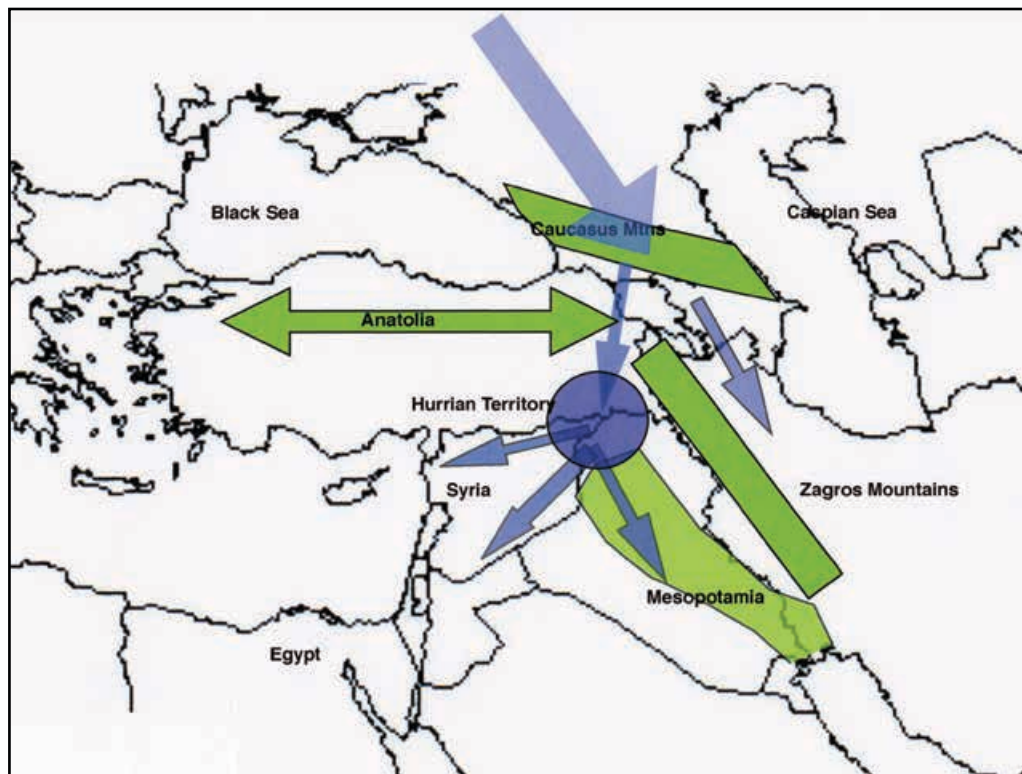


Fig. 2.17
Principal Trade Routes along the Euphrates and in the Khabur region.

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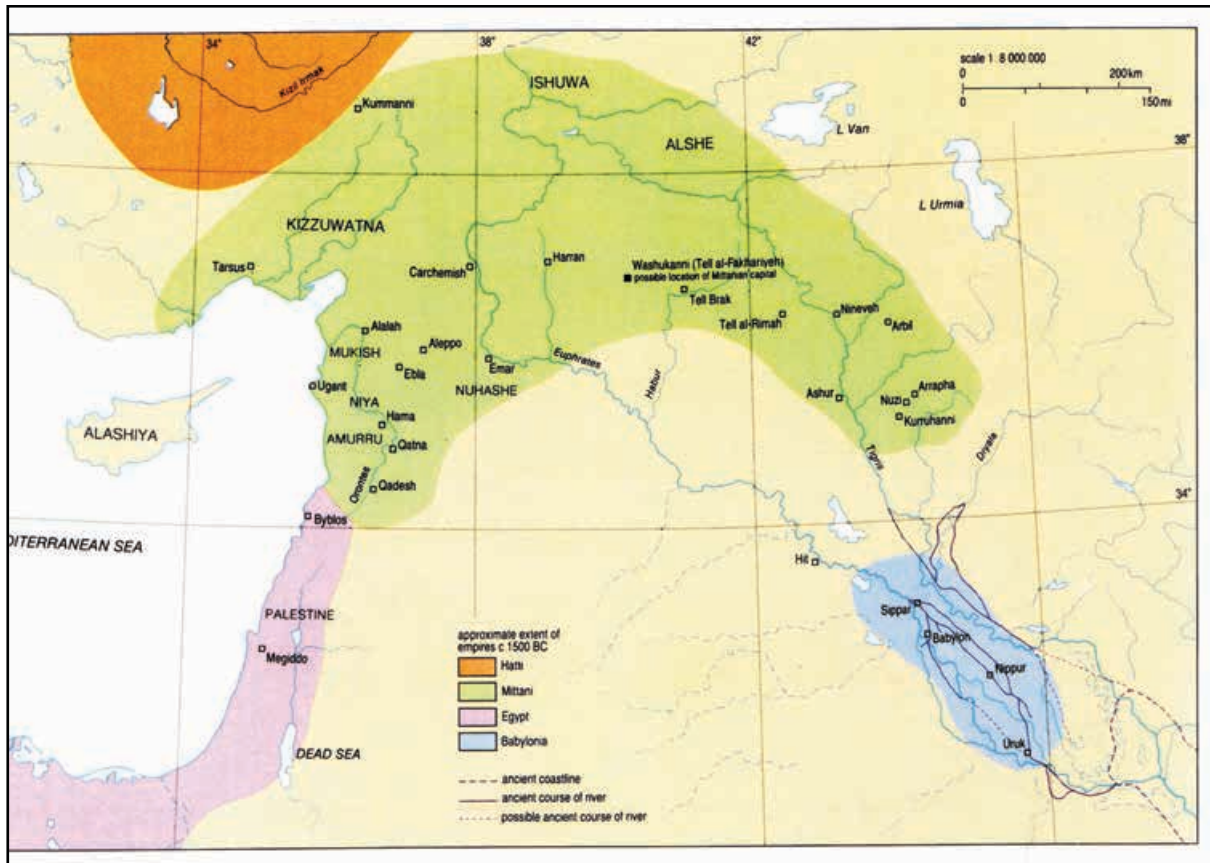
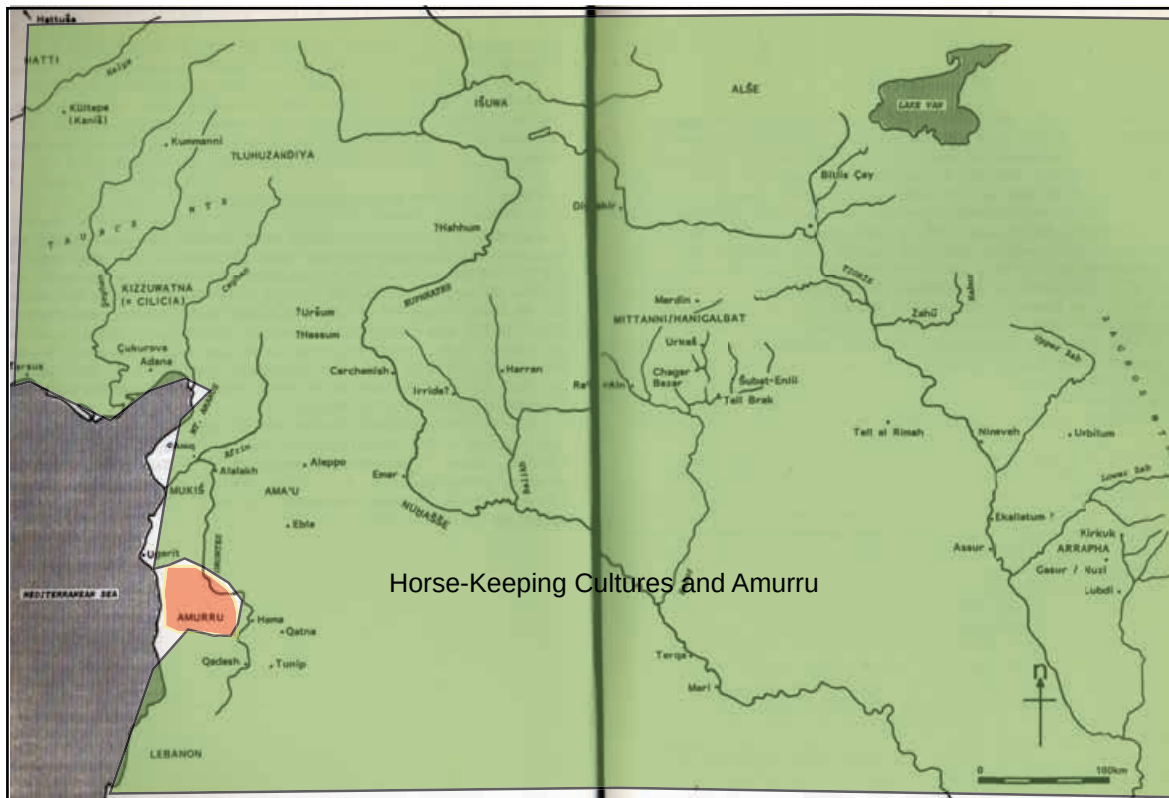


Fig. 2.18
Approximate extent of Mitanni
Roaf (1990) *Cultural Atlas of Mesopotamia*, 134.



Fig. 2.19
The Hittite Empire
Roaf (1990) *Cultural Atlas of Mesopotamia*, 139.

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Horse-Keeping Cultures and Amurru

Fig. 2.20
Amurru
Wilhelm (1989) *The Hurrians*, 8.

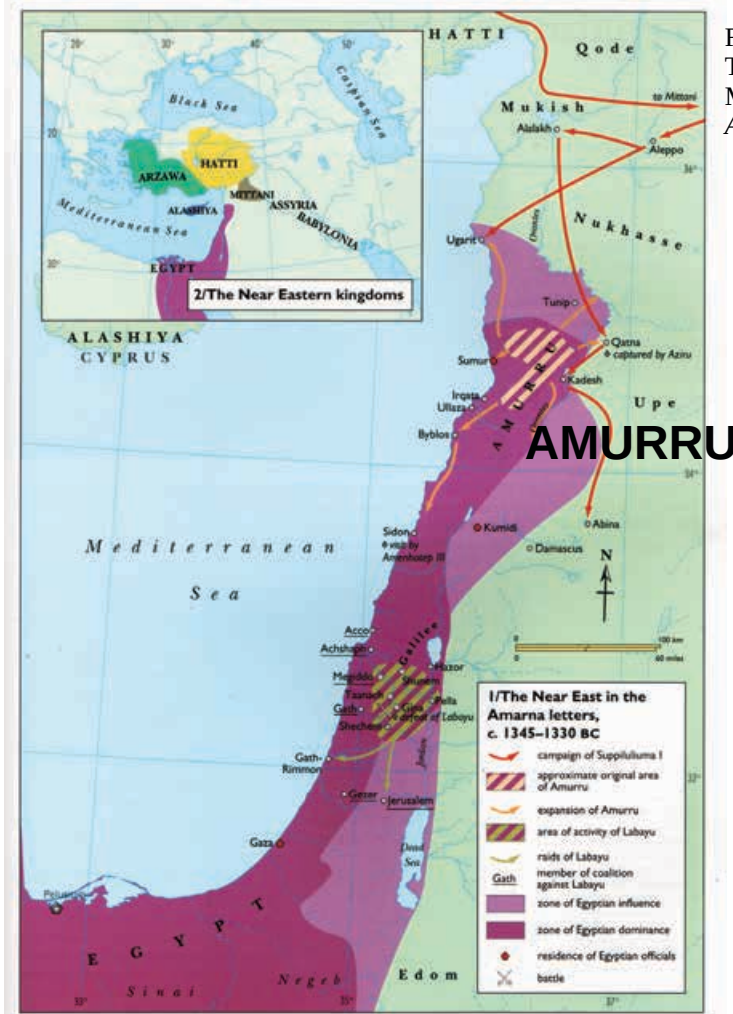


Fig. 2.21
The Near Eastern Kingdoms
Manley (1996) *The Penguin Historical Atlas of Ancient Egypt*, 81.

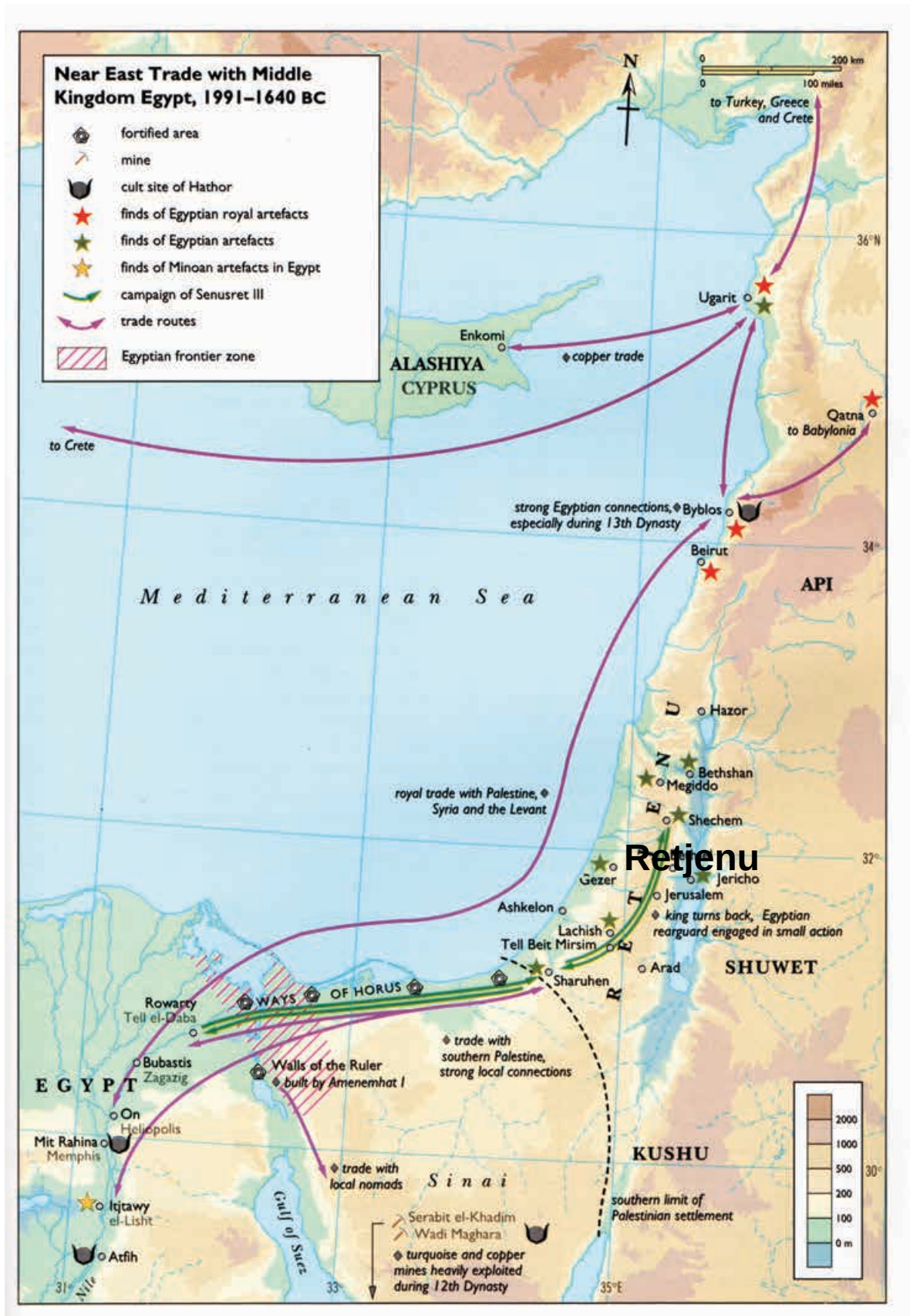


Fig. 2.22
Retjenu
Manley (1996) *The Penguin Historical Atlas of Ancient Egypt*, 73.

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Fig. 2.23
Sites containing the remains of *Equus caballus*.
Map: Leonie Donovan

CHAPTER 3

CORPUS OF HORSE REMAINS IN THE ARCHAEOLOGICAL RECORD

Table 3.1

Ref. No.	Date	Site Location	No.	Male / Female	Age (years)	Remains	Withers (m)	Description	Legs	Head	Lumbar Vertebrae	Observations	Teeth	Bones	Sources
[2]	1675BCE	Buhen Nubia Sudan	1	Male/young (Pelvis is enigmatic- possible castration effect on pelvis). Presence of well-defined canines indicates male.	19	Almost complete skeleton	1.50	Old, perfectly healthy. Fed and grazed naturally. No signs of being ridden or driven with a bit.	Castration effect on long bones. Lengthened bones, fine limbed.	Crushed but present	Missing	Similar to Somut's horse in size and proportion. Close resemblance to the modern Arab breed. Same group as the Hittite horses.	Large and evenly worn. Healthy teeth. Evidence of the use of a bit. Large well developed canines.	Generally well preserved, almost the whole skeleton.	Emery/Cutler-Brook.
[5]	1640-1532BCE Late Second Intermediate Period c. 1560 BCE	Tell el-Daba Egypt	1	Stallion	6-7	Complete skeleton	1.38	Small head. (Not too long). Slightly convex nasal profile. Medium sized.		Stocky but not coarse, small and nicely formed.		Looks like an Amarna horse.		More or less the entire skeleton.	Driesch/Peters
[6]	1640-1532BCE Late Second Intermediate Period c. 1560 BCE	Tell el-Daba Egypt	1	Mare	5-10	Almost complete skeleton								Almost complete skeleton.	Betak 2008
[7]	End of Second Intermediate Period c. 1550BCE	Tell Helwan Egypt	1	Female? Badly damaged pelvis, complete absence of canines	5-8	Almost complete skeleton	1.36-1.44 Average 1.40	Medium sized.	Robust distal limbs	Heavy head.	6 cervical vertebrae not enough lumbar vertebrae for gender identification.	Smaller than Kurru. Like Buhen. "Bovine" type.	Large teeth	Much of the skeleton is missing or damaged. Intertwined with Yahudiya ware and bronze objects.	Chah/Ai Ayedi
[8a]	Early 18th Dynasty (Fall of Avaris) c. 1550-1528BCE	Tell el-Daba Egypt	1	?	4 yrs+ (adult)	Partial skeleton	1.38	Small horse		Skull missing.				In part with others and human remains.	Driesch / Peters
[8b]	Early 18th Dynasty (Fall of Avaris) c. 1550-1528BCE	Tell el-Daba Egypt	1	Stallion	13-15	Partial skeleton	1.36	Small horse					Clear distinct canines.	Partial skeleton. (likely to be horse.)	Driesch / Peters
[8c]	Early 18th Dynasty (Fall of Avaris)	Tell el-Daba Egypt	1			Partial skeleton	1.34			Skull.				Skull and bones are badly preserved but the long bones exist.	Driesch / Peters
[9]	Beginning of New Kingdom	Sai Nubia Sudan	1	Male. Canines present	3-3.5	Almost complete skeleton	1.40 (1.36-1.44)	Small horse.	Lengthened legs. No more marked for the back legs. Still gracile			Longer legs may distinguish African horses. "Longliner" type.		Almost complete. Missing that the pelvis and rear right leg.	Chah/Gaten
[10]	1494-1463BCE	Deir el-Bahri Egypt	1	Mare. Boessneck remains uncertain of this determination. The pelvis is anomalous. It may be a gelding.	5-6	Complete skeleton	1.40-1.45 (Av 1.43)	Well-balanced proportions. Slender		Skull is long.	5 lumbar vertebrae.	Chart: general comparison with the modern Arabian horse. Boessneck: the horse is of the Oriental type. Virtually of the same size as the Hittite horses.		Complete skeleton. Buried in a coffin, wrapped in linen, with no signs of deliberate mutilation and with a saddlecloth.	Laming/Hager/Chard/Boessneck
[12]	1408-1372BCE	Soleb Nubia Sudan	1	Male (Canines present)	9-10	Almost complete skeleton	Ducos-1.36m/ Bokonyi-1.33m 1.33-1.36	Average size - Ducos/Bokonyi- a truly small animal.	Ducos: front legs are short and sturdy	Small skull. Short muzzle. Strong jaw.	5 lumbar vertebrae.	A truly small animal. Shorter, stockier and heavier head than Buhen or Thebes.		Not well preserved but measurable.	Ducos/ Bokonyi
[13]	1300BCE	Tell el-Borg Egypt	1	Female?	5+ to mature	Partial skeleton	1.50 (This is based on the evidence of only one humerus)							Very badly preserved.	Hoffman/ Ikram
[15]	1300-1200BCE 20th Dynasty to Ptolemaic	Saqqara Egypt	1	Male	18	Complete skeleton	1.46	Normal horse of a powerful build. Moderately deep chested. Strongly developed bony frame.	Front legs. Limb bones fine and very sound. Different from the Arab hoof.	Large head.		Probably not of the Amarna group. Approached the barb or North African type. Like a Libyan horse of a later period.	Complete skeleton. Bones in good condition. Buried in a coffin, wrapped and mummified with lunary offerings.	Quibell/Over	
[16]	1120BCE-340CE Napatan	Hillat el-Arab Nubia Sudan	1		1.5	Complete skeleton	1.47	Larger than the mean.	Long slender bones.			Similar to the Kurru horses. Large animals.		Associated with human burials. Buried. Poor preservation.	Chah
[17a,b]	701-690BCE		2	Male [17a] - adult [17b] adult / mature 10+	[17a] - adult [17b] adult / mature 10+	Two almost complete skeletons	1.55m and 1.52m	Large animals "even by modern standards."	Long extremely bones. Slender muscle structure. Large feet. Very slender limbs. Wide flat hoofs. Physiological characteristics typical of draught usage.			An ideal pair of draught horses. It is what would be expected from the favourite chariot horses of a king. Large and powerful. Greater size than the average of earlier horses of their time. Compare to large Assyrian horses and Persian horses. The results of conscious breeding.	Large teeth. One well developed canine.	Associated with human burials. Buried. Poor preservation.	Bokonyi / Malloy-Greenough

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Fig. 3.1.
The Buhen Horse [2]
Emery, Smith & Millard (1979) *The Fortress of Buhen. The Archaeological Report*, pl. 107.

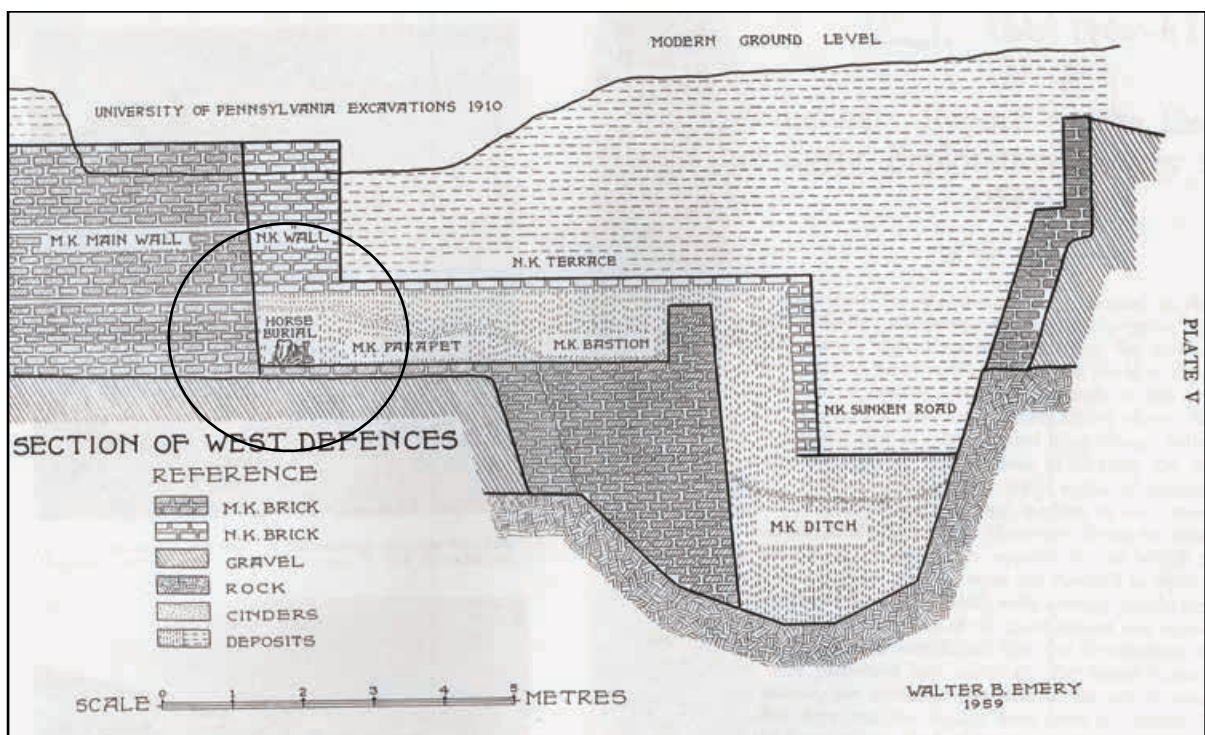


Fig. 3.2.
Position of the horse on the Middle Kingdom pavement.
Emery (1960) "A Preliminary Report on the Excavations of the Egypt Exploration Society at Buhen, 1959-1960." *Kush* 9 1960-61, pl. 5.

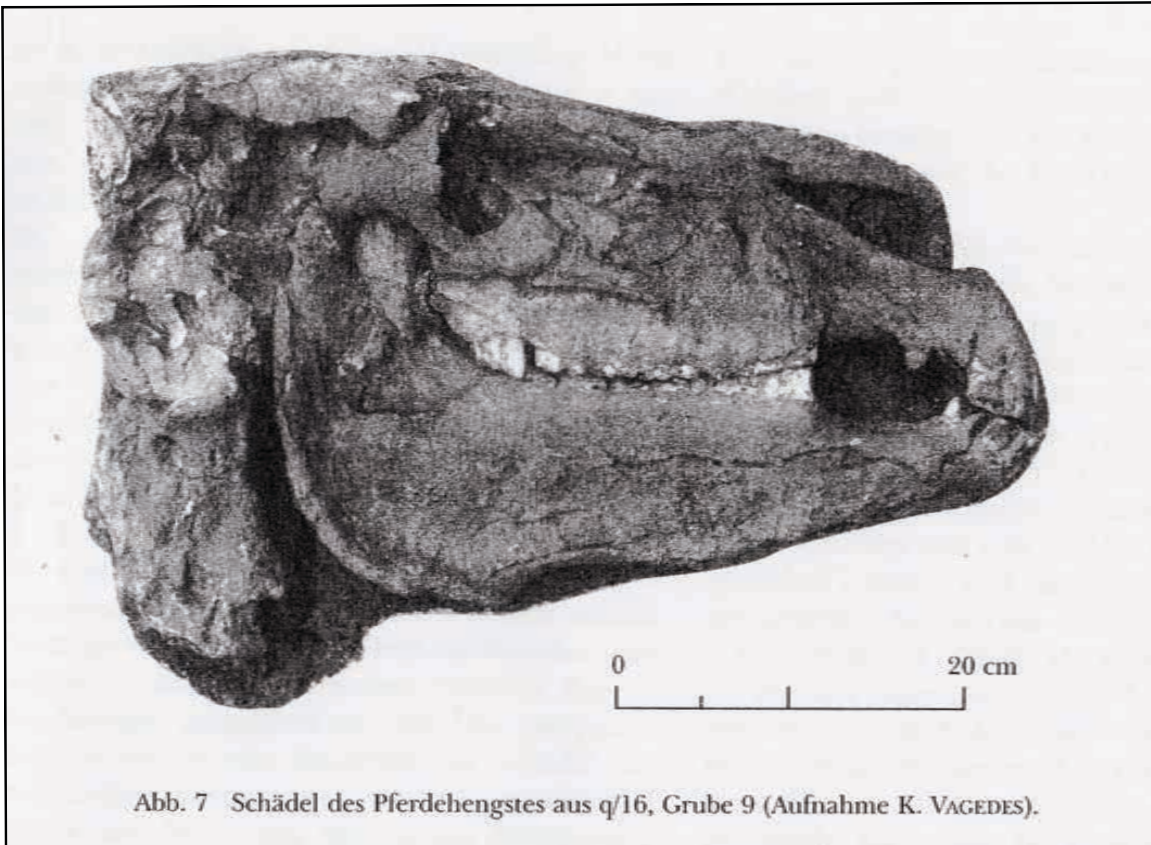


Fig 3.3

Tell el-Daba Stallion [5]

Dreisch & Peters (2001) "Frühe Pferde und Maultierskelette aus Avaris (Tell el-Daba) östliches Nildelta" in Bietak (ed) (2001) *Egypt and the Levant*, 11, pl 7.



Fig. 3.4

Tell el-Daba Mare [6]

G. Karl Kunst/March 5/2012.

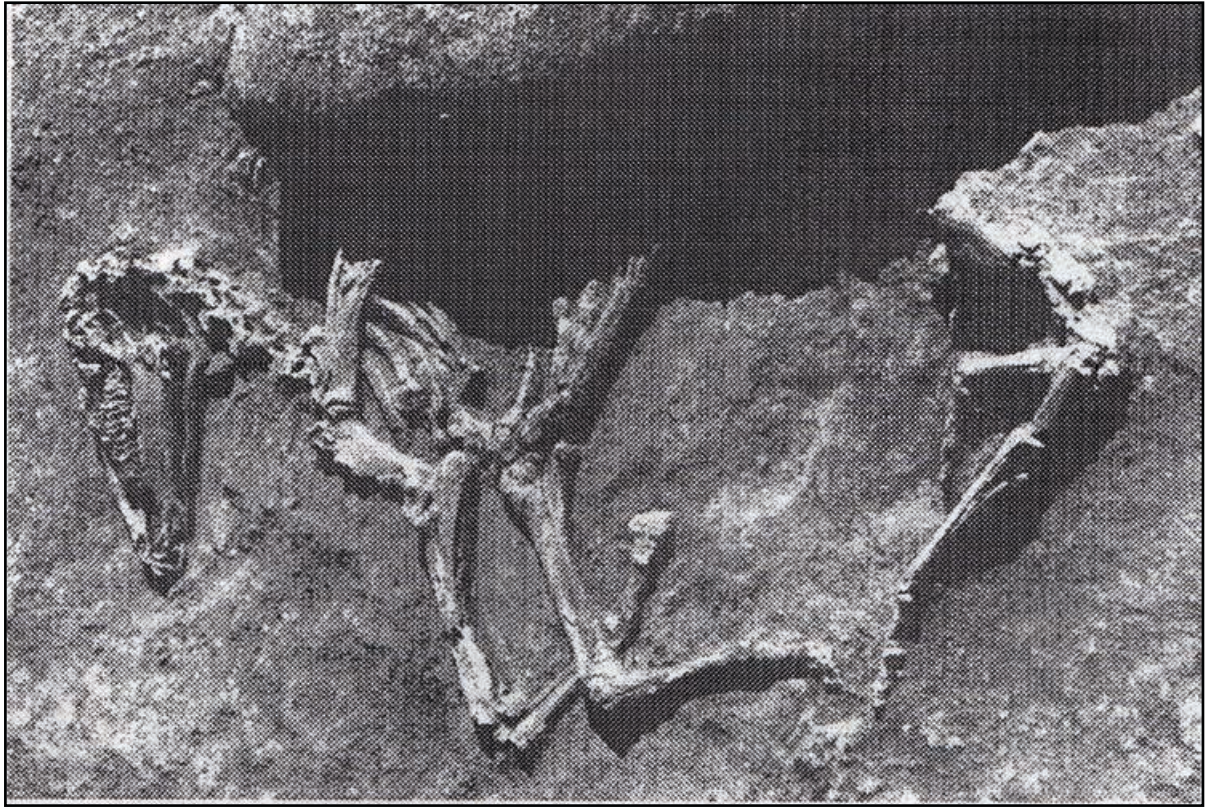


Fig. 3.5
The Horse from Tell Heboua [7] Chaix (2000) "An Hyksos Horse from Tell Heboua (Sinai, Egypt.)" in Mashkour (ed.) *Archaeozoology in the Near East IV*. 4B, 178.

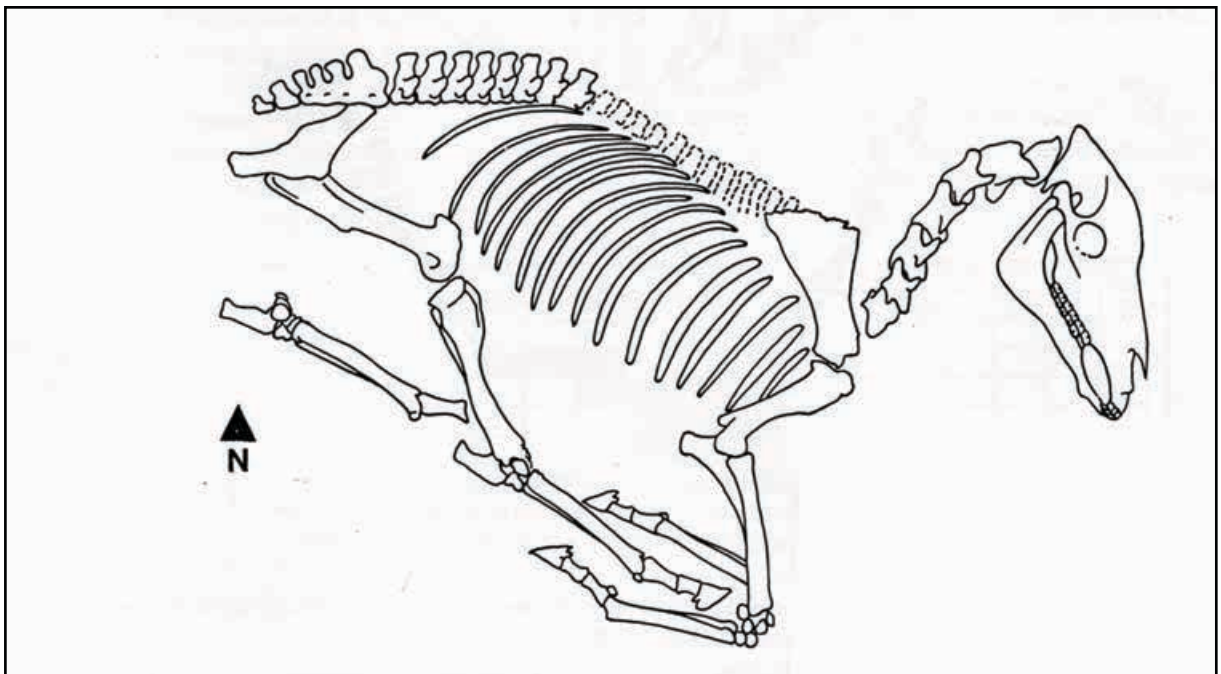


Fig. 3.6
The Sai Horse [9]
Chaix & Gratien (2000) "Un Cheval du Nouvel Empire à Saï (Soudan)."
Archéologie du Nil Moyen, 9.

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Fig. 3.7

The Theban Horse [10] wrapped and unwrapped.

Lansing & Hayes (1937) "The Museum's Excavations at Thebes." *The Metropolitan Museum of Art Bulletin*, 32, (1937) 1, Part 2: "The Egyptian Expedition 1935-1936." 15.

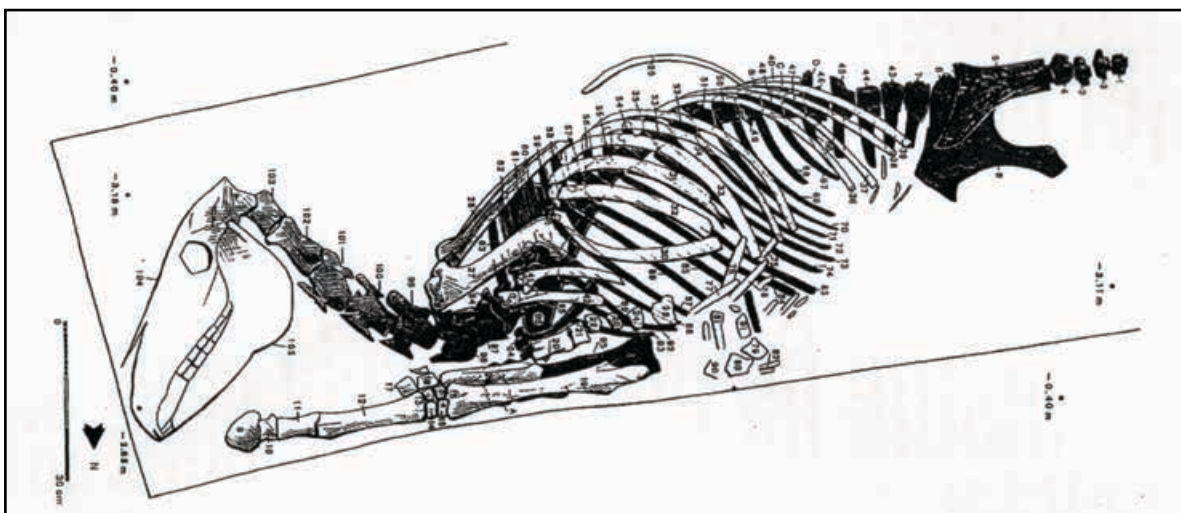


Fig. 3.8

The Soleb Horse [12]

Ducos (1965) "Le Cheval de Soleb," in Schiff Giorgini (ed.) (1972) *Soleb, 2, Les Necropoles. Le Necropol.* 1971-1972, 260.

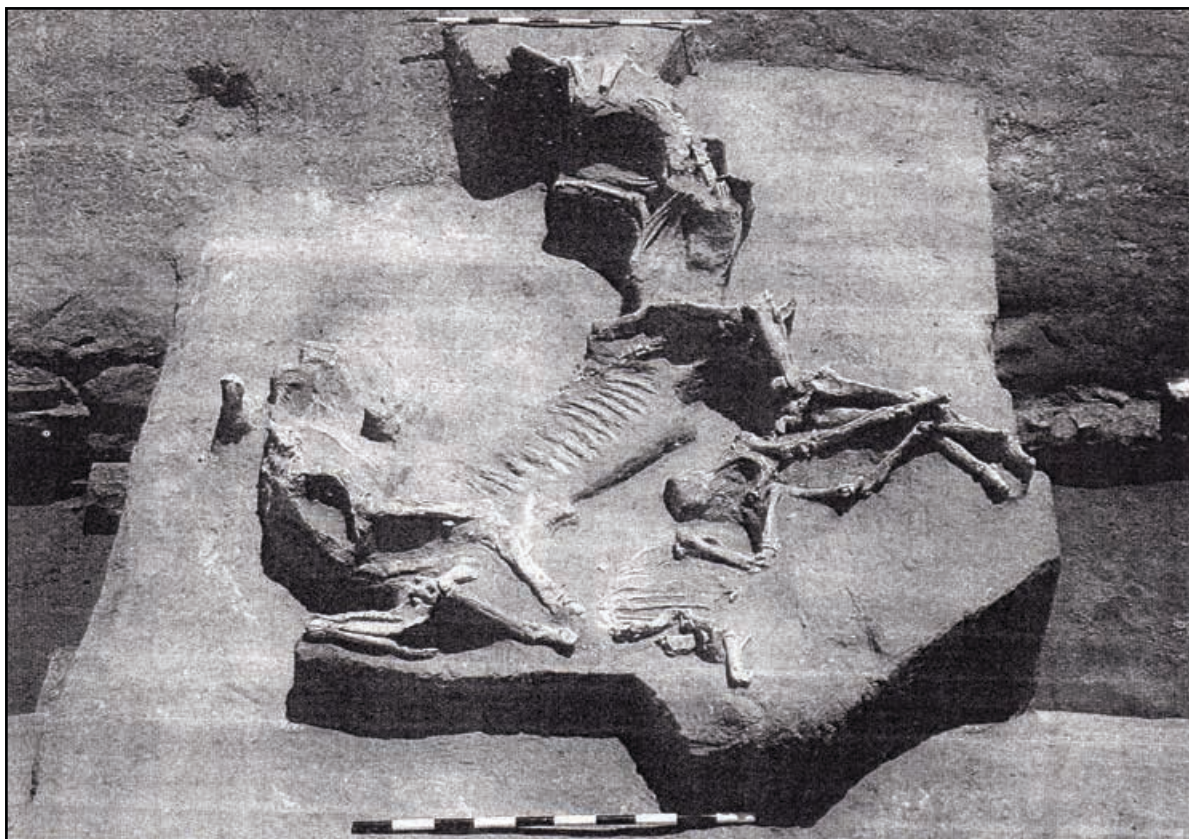
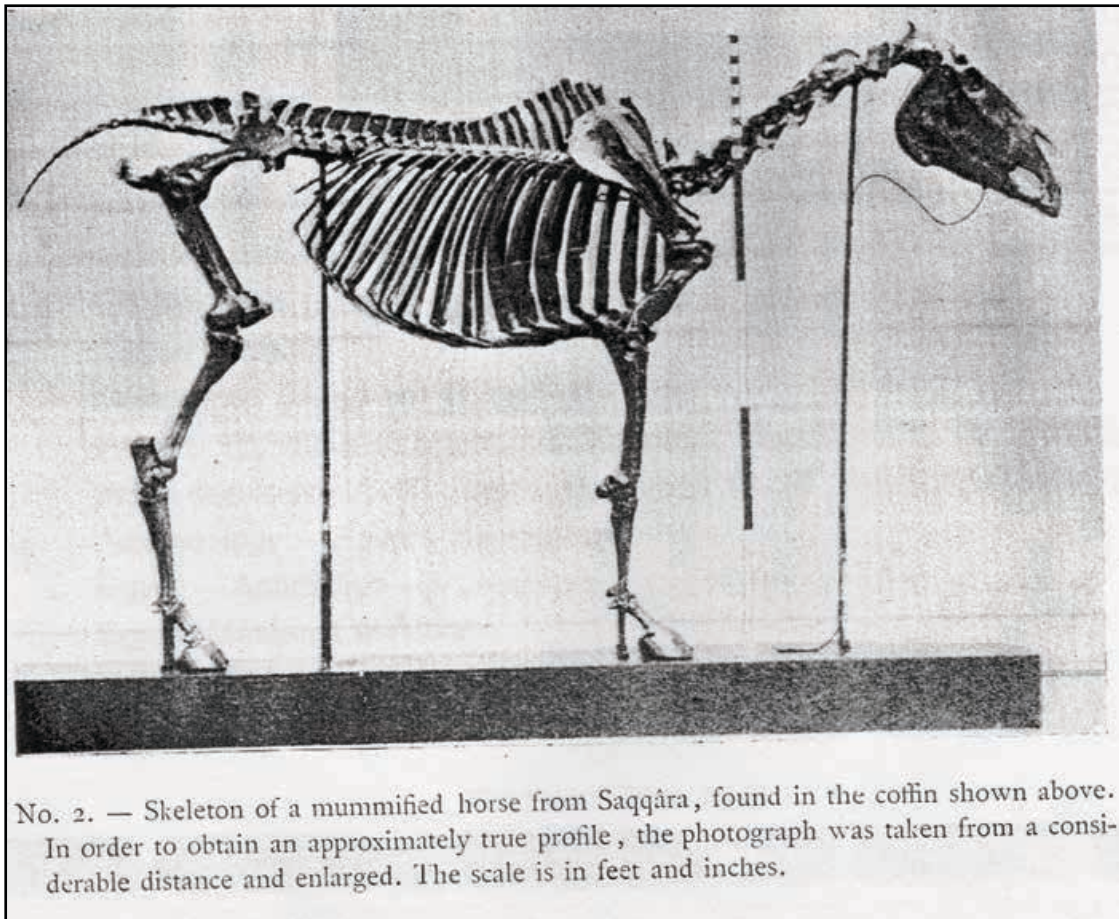


Fig. 3.9

The Tell el-Borg Horse [13]

Hoffmeier (2006) "Recent Excavations on the 'Ways of Horus:' The 2005 and 2006 Seasons at Tell el-Borg", *ASAE* 80 (2006) fig.19.



No. 2. — Skeleton of a mummified horse from Saqqāra, found in the coffin shown above. In order to obtain an approximately true profile, the photograph was taken from a considerable distance and enlarged. The scale is in feet and inches.

Fig. 3.10

The Saqqara Horse [15]

Quibell & A. Olver (1926) "An Ancient Egyptian Horse" in *ASAE* 26 (1926), fig. 2.



Fig. 3.11

A Kurru Horse- Grave 211[17b] Bökönyi (1993)

"Two Horse Skeletons from the Cemetery of Kurru, Northern Sudan," in *Acta Archaeologica Academiae Scientiarum Hungariae* 45 (1993) 303.

CHAPTER 3

Table 3.2
Overview: Physical Remains of Horses in Egypt and Nubia

Ref No	Approx Date	Period	Egypt	Sudan/ Nubia	Remains	M NI
4.1.[1]	1750-1700BC E	Second Intermedia te Period 1640- 1532BCE	Tell el-Daba		Femoral head	1
4.1.[2]	1675			Buhen	Skeleton	1
4.1.[3]	1640-1600 Early to Middle		Tell el-Daba		Teeth	1
4.1.[4]	1630-1600		Tell el-Daba		Distal end of metacarpus	1
4.1.[5]	1640-1532		Tell el-Daba		Skeleton	1
4.1.[6]	1640-1532	New Kingdom 1550- 1070BCE	Tell el-Daba		Skeleton	1
4.1.[7]	1550		TellHeboua		Skeleton	1
4.1. [8a,b,c.]	1532-1512		Tell el-Daba		Skeleton and Mixed bones	3
4.1.[9]	1500			Sai	Skeleton	1
4.1.[10]	1494-1483		Deir el-Bahri		Skeleton	1
4.1.[11]	1453-1419	Third Intermedia te Period 1070-712 BCE	Thebes (Tjannuni)		Skull fragments	1
4.1.[12]	1408-1372			Soleb	Skeleton	1
4.1.[13]	1300		Tell el-Borg		Skeleton(s)	1
4.1.[14]	1307-1196		Tell el-Daba		Bones	1
4.1.[15]	1300-1200		Saqqara		1 Skeleton 2 partial	3
4.1.[16]	1120-340			Hillat el- Arab	Skeleton and bones	2
4.1. [17a,b]	700-690			Kurru	Skeletons	24
4.1.[18]	300BCE-550C E			Meroe	Bones	4
4.1.[19]	350-600CE			Ballana/ Qustal	Skeletons	93
4.1.[20]	350-600CE			Firka	Skeletons	1
4.1.[21]	350-600CE			Gammai	Skeletons	2
4.1.[22]	Old Kingdom	Late Period 712-332 BCE	Giza		Bones and Teeth	1
					Total	146

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Table 3.3

Overview: Gender in Horse Remains.

Ref No.	Site	Gender determination	Gender identified.
4.1.[1]	Tell el-Daba	Bones	0
4.1.[2]	Buhen	Gelding	1 of 1
4.1.[3]	Tell el-Daba	Teeth	0
4.1.[4]	Tell el-Daba	Bone	0
4.1.[5]	Tell el-Daba- stallion	Stallion	1 of 1
4.1.[6]	Tell el-Daba	Mare	1 of 1
4.1.[7]	Tell Heboua	Mare?	1 of 1
4.1.[8a]	Tell el-Daba 1	Unknown	0 of 1
4.1.[8b]	Tell el-Daba 2	Stallion	1 of 1
4.1.[8c]	Tell el-Daba 3	Unknown	0 of 1
4.1.[9]	Sai	Stallion	1 of 1
4.1.[10]	Deir el-Bahri	Mare / Gelding	1 of 1
4.1.[11]	Thebes	Bones	0
4.1.[12]	Soleb	Stallion	1 of 1
4.1.[13]	Tell el-Borg	Mare?	1 of 2?
4.1.[14]	Tell el-Daba	Bones	0
4.1.[15]	Saqqara 1	Stallion	1 of 3
4.1.[16]	Hillat el-Arab	Unknown	0 of 2
4.1.[17a]	Kurru 212	Stallion	2 of 24
4.1.[17b]	Kurru 211	Stallion	
4.1.[18]	Meroë- tombs	Stallion	1 of 3
	Meroë- pit burials	Unknown	0 of 1
4.1.[19]	Firka	Mare	1 of 1
4.1.[20]	Gammai- tombs	Stallion	1 of 1
	Gammai- pit burials	Unknown	0 of 1
4.1.[21]	Qustal-tombs	7 Stallions/ 3 mares	10 of 42
	Qustal- pit burials	5 stallions/ 2 mares	7 of 41
4.1.[22]	Ballana	10 Unknown	0 of 10
		Stallions 21 Mares 7 Mares? 2 Mare/Gelding 1 Geldings 1 Total 32	Total Horses 146 32 assigned gender

Gender Determinations			
Male	Female	Gelding	Undefined
7	1	1	6

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Table 3.4
Horses by Site: Age Distribution

Ref No.	Site	Estimated age.
[2]	Buhen	19 years
[5]	Tell el-Daba- stallion	6-7 years
[6]	Tell el-Daba - mare	5-10 years
[7]	Tell Heboua	5-8 years
[8a]	Tell el-Daba 1	4 years
[8b]	Tell el-Daba 2	13-15 years
[8c]	Tell el-Daba 3	Adult
[9]	Sai	3- 3.5 years
[10]	Deir el-Bahri	5-6 years
[12]	Soleb	9-10 years
[13]	Tell el-Borg	5+ mature
[15]	Saqqara 1	18 years
[16]	Hillat el-Arab	17-18 months
[17a]	Kurru 212	Adult
[17b]	Kurru 211	Adult-mature

Table 3.5
Horses by Site: Withers Height

Reference Number	Site	Withers Height (metres)	Withers Height (hands)
[2]	Buhen	1.50m	14.3
[5]	Tell el-Daba stallion	1.38m	13.25
[6]	Tell el-Daba	1.38m	13.25
[7]	Heboua	1.40m (av)	13.3
[8a]	Tell el-Daba 1	1.38m	13.25
[8b]	Tell el-Daba 2	1.36m	13.15
[8c]	Tell el-Daba 3	1.34m	13.75
[9]	Sai	1.40m	13.3
[10]	Deir el-Bahri	1.43m	14.05
[12]	Soleb	1.32m	13.0
[13]	Tell el-Borg	1.50m (indication only)	14.3
[15]	Saqqara 1	1.46m	14.15
[16]	Hillat el-Arab	1.47m	14.2
[17a]	Kurru 212	1.55.m	15.1
[17b]	Kurru 211	1.52m	15.0

CHAPTER 3

Graph. 3.6
Withers Height over Time

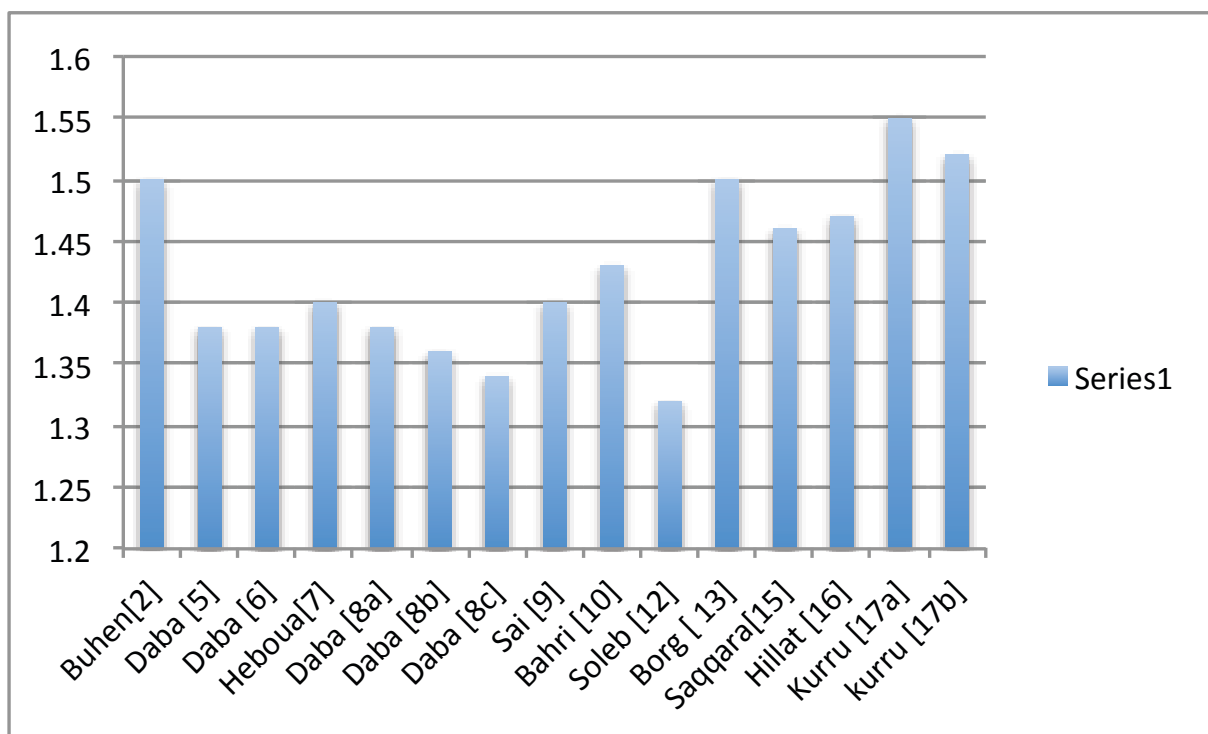


Table 3.7
Withers Height / Age

Reference Number	Site	Withers Height metres/hands	Age (years)
[8b]	Tell el-Daba 2	1.36m/13.5	13-15
[5]	Tell el-Daba stallion	1.38m/13.25	6-7
[6]	Tell el-Daba	1.38m/13.25	5-10
[8a]	Tell el-Daba 1	1.38m/13.25	4
[8c]	Tell el-Daba 3	1.34m/13.75	Adult + 5
[7]	Heboua	1.40m/13.3	5-8
[9]	Sai	1.40m/13.3	3-3.5
[12]	Soleb	1.32m/13.0	9-10
[10]	Deir el-Bahri	1.43m/14.05	5-6
[15]	Saqqara	1.46m/14.15	18
[16]	Hillat el-Arab	1.47m/14.2	17-18mths
[13]	Tell el-Borg	1.50m/14.3	5
[2]	Buhen	1.50m/14.3	19
[17b]	Kurru	1.52m/15.0	Adult + 5
[17a]	Kurru	1.55m/15.1	Adult mature 10+

CHAPTER 3

Graph. 3.8
Comparison between Withers Height and Age

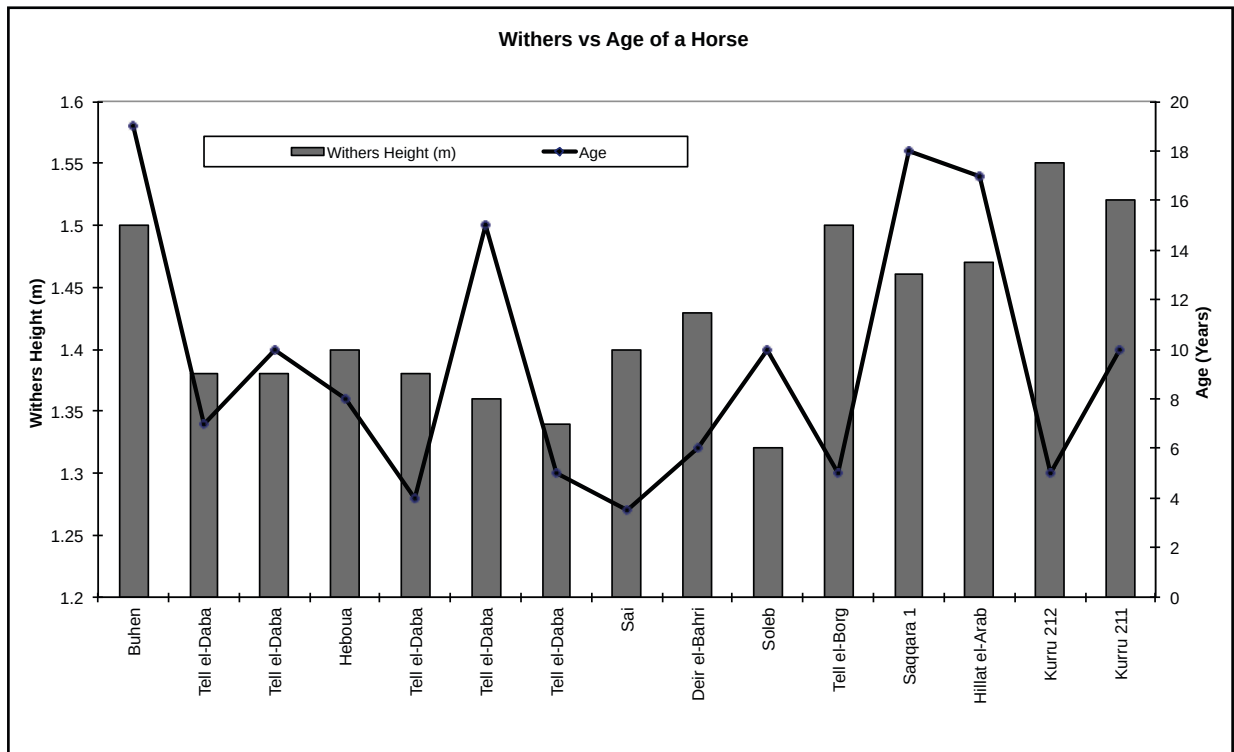


Table 3.9
Description of Legs

Reference No.	Site	Description
[2]	Buhen	Lengthened long bones / fine limbed
[7]	Heboua	Robust distal limbs
[9]	Sai	Lengthened legs, more marked for the back legs / still gracile
[12]	Soleb	Front legs are short and sturdy
[15]	Saqqara	Large feet / limb bones and very sound
[16]	Hillat el-Arab	Long slender bones
[17a]	Kurru 212	Long extremity bones / slender shafts / large feet/ very slender limbs
[17b]	Kurru 211	Long extremity bones / slender shafts / large feet/ very slender limbs

CHAPTER 3



Fig. 3.10
The height of this horse is 1.40m which is pony height at the withers, this is the size of the smaller Egyptian “horses.”



Fig. 3.11
This horse is 1.52m and is the size of the larger hoses eg. Kurru [17a] and Kurru [17b] and slightly taller (by 2cm) than the height of the Buhen horse.



Fig. 3.12
This horse is 1.62m and is a relatively average size for a modern horse.

DYN	KING	DATE	SITE	TOMB OWNER	HORSES	CHARIOTS	INSTANCE
17	KAMOSE	1555-1550	stele				
18	AHMOSE	1550-1525	Abydos	Temple	horses	chariots	battles
18	AMENHOTEP I	1525-1504					artefacts
18	THUTMOSE I	1504-1492					artefacts
18	THUTMOSE II	1492-1479	Thebes	temple			fragments
18	HATSHEPSUT	1473-1458					
			TT 73	AMENHOTEP		chariots	Presentation of gifts
			Debeira	DJEHOUIHOTEP	horses	chariot	Hunting
			TT 67	HEPUSENEB		chariots	Making chariots
18	THUTMOSE III	1479-1425					
			TT 121	AHMOSE		chariot	funeral procession
			TT 123	AMENEMHET	horses	no	
			TT 155	ANTRF	horses	chariot	Hunting
			TT 11	DJEHOUIY	horses	chariot	Hunting
			TT 86	MENKHEPERASO	horses	chariots	Foreign tribute
			TT 145	NEBAMUN	horses		Recording of livestock
			El Kab	PAHERI	horses	chariot	Duty and boat
			TT 39	PUYHMRE	horses	chariot	Inspecting the workshops
			TT 99	SENNEFERI	horses	chariots	Expedition for wood
			TT 342	THUTMOSE	horses	chariot	No Image yet
			TT 21	USER		chariot	Wheel only, hunting
18	AMENHOTEP II	1427-1401					
			TT 276	AMENEMOPE		chariot	deceased in chariot hunting
			TT 85	AMENEMHEB	horses	no	General inspecting chariotry
			TT 42	AMENMOSE	horses	chariots	Gifts
			TT 84	AMUNEDJEH	horses	chariot	Hunting and tribute
			TT 143	ANONYMOUS B	horses	chariot	Following king
			TT 93	KENAMUN		chariots	
			TT 95	MERY		chariots	Making chariots
			TT 172	MENTIUI		chariots	Carrying chariots
			TT 72	RE	horses	chariot	King hunting
			TT 100	REKHMIRE	horses	chariot	Tribute
			El Kab	RENNI	horses	chariot	Writing for master
			TT 92	SUBMNUT	horse		Sketch only
			TT 239	PENHET	horse		Syrian tribute
			TT 80	THUTNEFER	horse	chariot	Funeral procession
			TT 88	PEHSUKHER	horse		head only
18	THUTMOSE IV	1401-1391	KV	Thutmose IV	horses	Chariots	Chariot itself with images
			TT 75	AMENHOTEP SISE	horses	chariot	Driving his chariot TT
				SISE			
			TT 66	HEPU		chariots	Making chariots
			TT 74	TIANNUNI	horses		Recording
			TT 56	USERHAT	horses	chariots	Hunting, funeral procession
18	AMENHOTEP III	1391-1353					
			TT 297	AMENEMOPET	horses	chariot	Measuring the grain
			TT 89	AMENMOSE	horses	chariots	Tribute of Punt and Syria
			TT 91	ANONYMOUS A	horses		Syrian tribute
			TT 151	HETI		chariot	Funeral procession
			TT 78	HAREMHEB	horses	chariots	Funeral procession
			TT 162	KENAMUN	horses		On boat feeding
			TT 57	KHAEMHAT	horses	chariots	In field and boat
			TT 69	MENNA	horses	chariot	Supervising the fields
			TT 90	NEBAMUN	horses		Tribute & on boat
			Unknown A3	NEBAMUN	horses	chariot	Inspecting the fields
			TT 201	REA	horses		Horses legs only
			TT 63	SOBEKHOTEP	horses	chariots	Tribute
18	AKHENATEN	1353-1335					
			Amarna King	AKHENATEN	horses	chariots	Trip to the temple
			Amarna 3	AHMOSE	horses	chariots	King & Queen driving
			Amarna 23	ANY	horses	chariot	Any and Thuy stele
			Amarna 25	AY	horses	chariots	Honoured by the king
			Amarna 1	HUYA	horses	chariots	Royal family, tribute, rewards
			Amarna 9	MAHU	horses	chariots	Royal chariots and doing duty
			Amarna 4	MERYRE I	horses	chariots	Royal chariots, rewarding
			Amarna 2	MERYRE II	horses	chariots	Royal chariots, tribute, reward
			Amarna 6	PANHEBY	horses	chariots	rewarding and royal family
			Amarna 7	PARENNEFER	horses	chariots	Rewarding and royal family
			Amarna 5	PENTHU	horses	chariots	Rewarding, royal family
			TT 55	RAMOSE			hieroglyph only
			Amarna 8	TUTU	horses	chariots	Rewarding, royal family
			Karnak	temple			
			Amarna	temple			
18	TUTANKHAMUN	1333-1323					
			TT 40	AMENHOTEP	horses		boats etc
			Huy				
			Akhmin	SENNEDEM	horses	chariots	Chariot procession
			Karnak	temple			
18	AY	1323-1319					
			Memphis	HOREMHEB	horses	chariots	also rider, melee,
18	HOREMHEB	1319-1307					
			TT 49	NEFERHOTEP	horses	chariot	Rewarding
			TT 162	PARENNEFER	horses	chariots	Horses on boats/ to the temple
19	RAMESSES I	1307-1306					
19	SETI I	1306-1290					
			TT 324	HATIAI		chariot	Chariot on boat
			TT 51	USERHAT	horses	chariot	Receiving offerings
			Abydos	Temple	horses	chariots	battles etc
			Karnak	Temple	horses	chariots	battles etc
19	RAMESSES II	1290-1224					
			TT A16	DJEHOUIHOTEP	horse		Horse with snake on back
			TT 31	KHONS (TO)	horses		Horses on boat
			TT 302	PARAEMHEB			No Image
			Memphis	TIA & TIA	horses		On boat
			Karnak	temple	horses	chariots	battles etc
			Abydos	temple	horses	chariots	battles etc
			Ramesseum	temple	horses	chariots	battles etc
			Biet el-Wali	temple	horses	chariots	battles etc
19	MERENPTAH	1224-1214	Karnak	temple	horses	chariots	Triumphal return
20	RAMESSES III	1194-1163	Medinet	temple	horses	chariots	Battles etc
			Habu				

THE ICONOGRAPHY
OF THE HORSE IN
TOMBS, TEMPLES
AND ON
ARTEFACTS- THE
CORPUS.
Fig. 4.0

CHAPTER 4

THE ICONOGRAPHY OF THE HORSE IN TOMBS,TEMPLES AND ON ARTEFACTS- THE CATALOGUE

THE REIGN OF AHMOSE I



Fig. 4.1
AH 1 (1)
Ahmose Temple Complex Fragments
Harvey (1998) *The Cults of King Ahmose at Abydos*,
www.touregypt.net/featurestories/ahmosep.htm

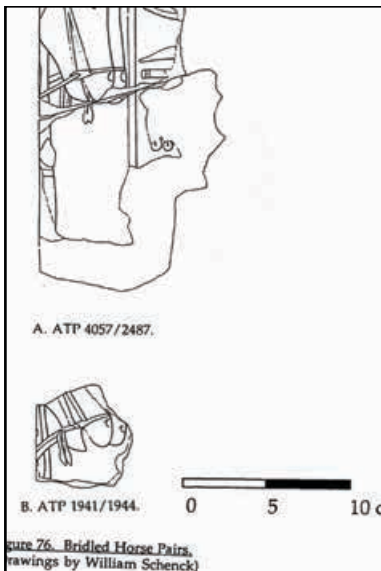


Fig. 4.3
AH 1 (1)
Ahmose Temple Complex Fragments
Harvey (1998) *The Cults of King Ahmose at Abydos*,
fig. 76.A.

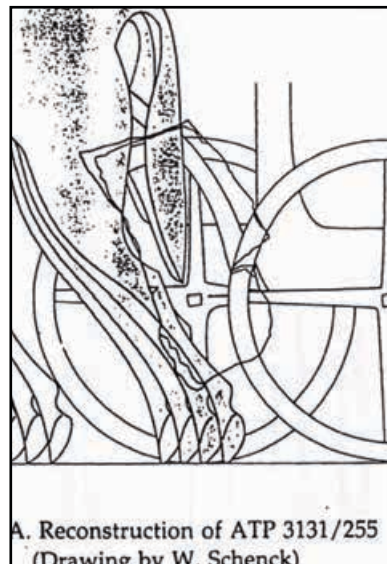


Fig. 4.2
AH 1 (1)
Ahmose Temple Complex
Fragments
Harvey (1998) *The Cults of King Ahmose at Abydos*, fig.78.A.



Fig. 4.4
AH 1 (2) Ahmose 1 Axe
British Museum 36766.

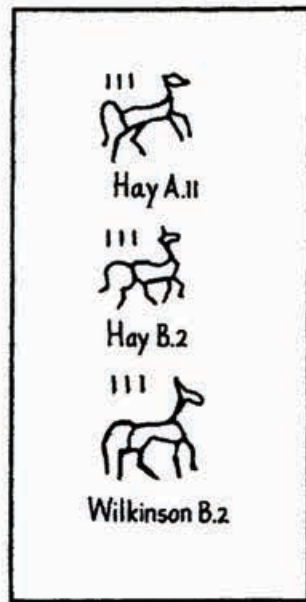


FIG. 2. The hieroglyph of a horse as rendered by Hay and Wilkinson.

Fig. 4.5
AH 1 (3) Tomb of
Sipair
Malek (1989) "An Early
Eighteenth Dynasty
Monument of Sipair
from Saqqara" *JEA* 75
(1998)
fig.2.

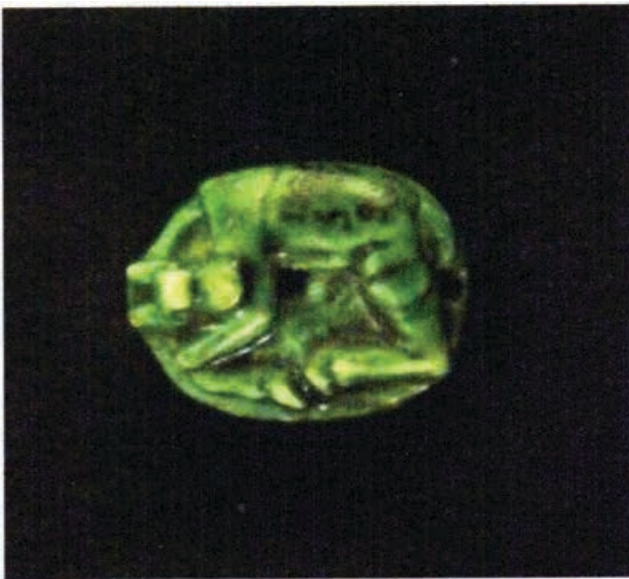


Fig. 4.6
AM 1 (1) Amenhotep I Scaraboid
British Museum 57929.



Fig. 4.7
AM 1 (2) Amenhotep I Scarab-Basel
Hornung & Staehelin (1976) *Skarabäen und
andere Siegelamulette aus Basel Sammlungen*
Ägyptische Denmäler in der Schweiz 1, Mainz
no. 213.233, pl. 21.

CHAPTER 4

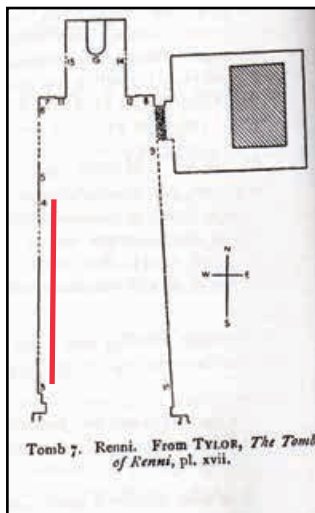


Fig. 4.8
AM I (3) Renni- El-Kab 7
PM 5, 183 (3-4)

Fig. 4.9
AM I (3) Renni
Rommelaere (1991)
*Les chevaux du
Nouvel Empire
égyptien*, 150, pl.2.

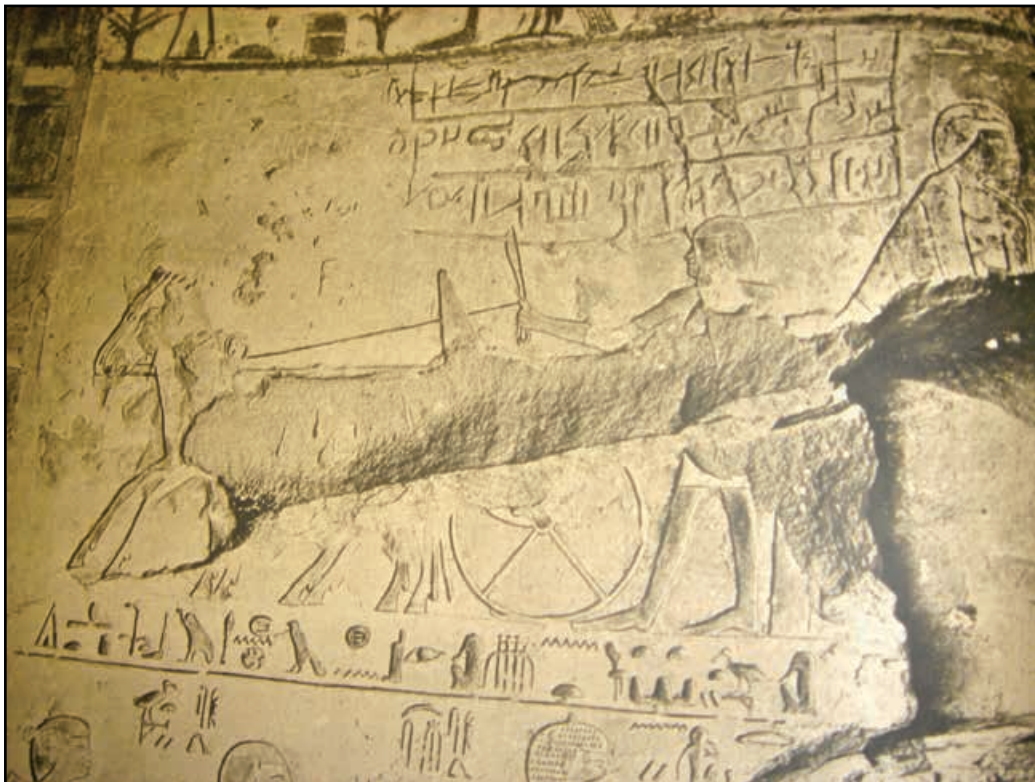
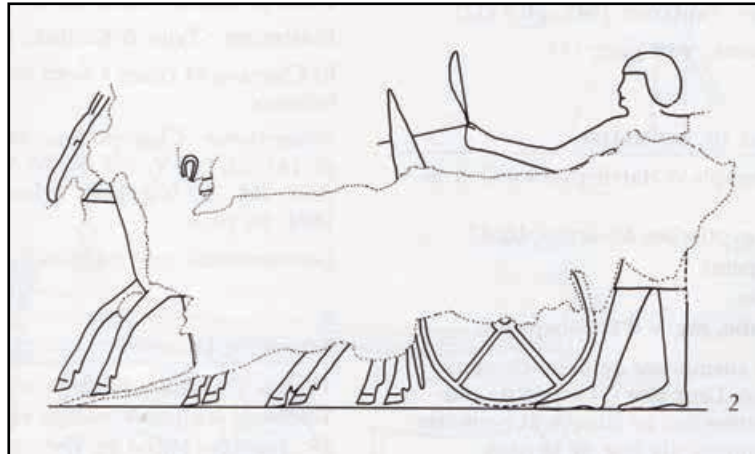


Fig. 4.10
AM I (3) Renni
Tylor (1900) *Wall Drawings and Monuments of El-Kab. The Tomb of Renni*, pl.2.

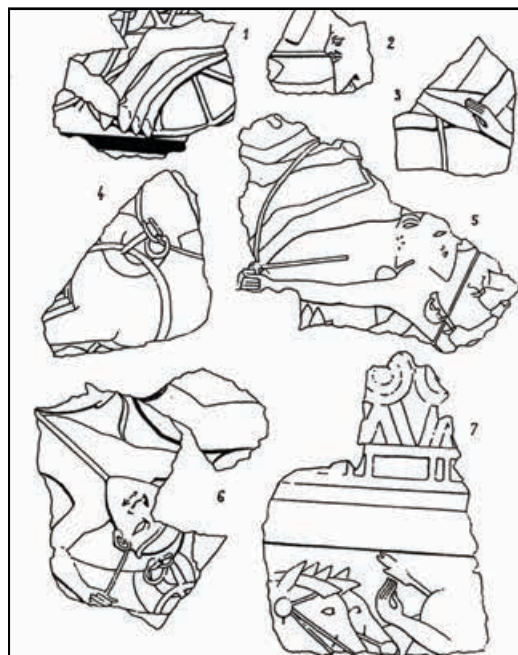


Fig.4.11
TH I (1) Thutmose I Jasper
Scarab
British Museum 17774.



A

Figs. 4.12.
TH II (1.a,b) Temple of Thutmose II -
Fragments
Harvey (1998) *The Cults of King Ahmose
at Abydos*,
figs. 91 and 92.7.



CHAPTER 4

THE REIGN OF HATSHEPSUT

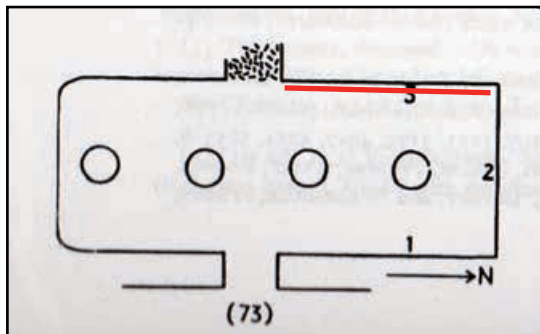


Fig. 4.13
HAT TT 73 Amenhotep
PM 1 (1) 143-144 (3)

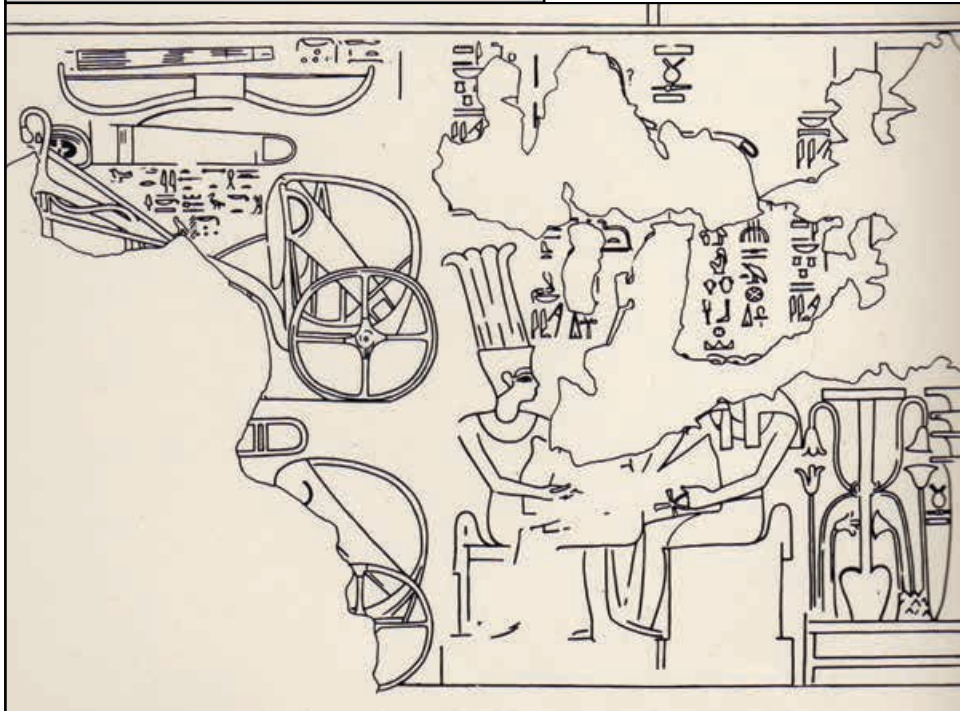


Fig. 4.14
HAT(1a) TT 73 Amenhotep
Säve-Söderbergh (1957) *Four Private Tombs at Thebes*, pl. 3.

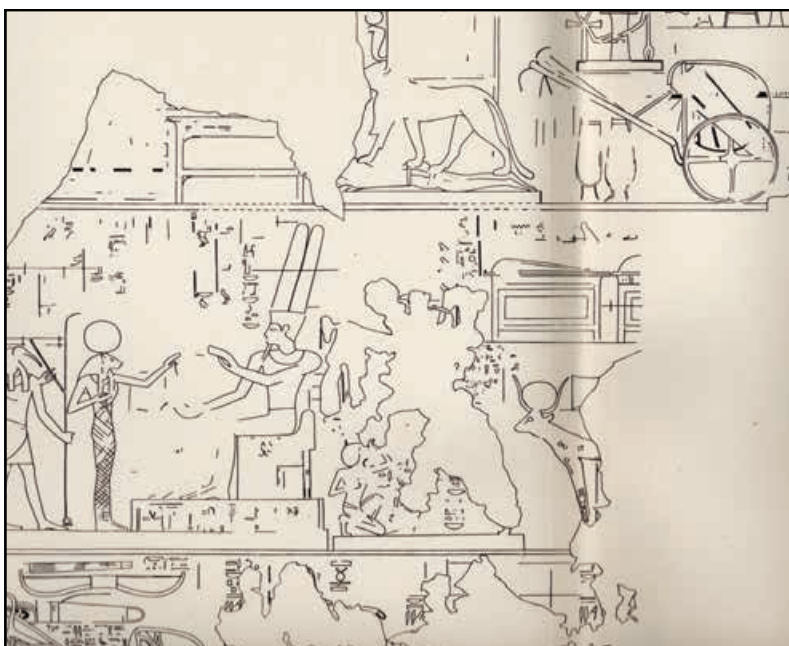


Fig. 4.15
HAT(1b) TT 73 Amenhotep
Säve Söderbergh (1957)
Four Private Tombs at Thebes, pl. 3.

CHAPTER 4

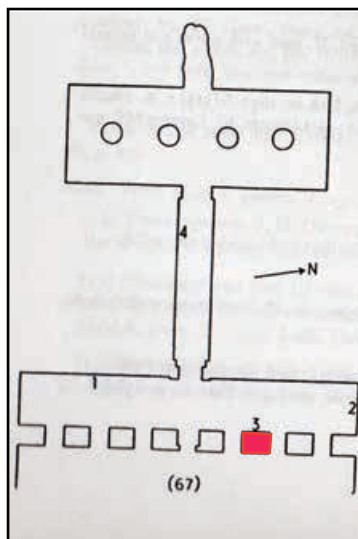


Fig. 4.16
HAT TT 67 Hepuseneb
PM 1 (1) 133 (3)



Fig. 4.17
HAT (2) TT 67 Hepuseneb
Davies (1961) "Fragment of a Punt Scene" *JEA*
47 (1961), pl. 5.

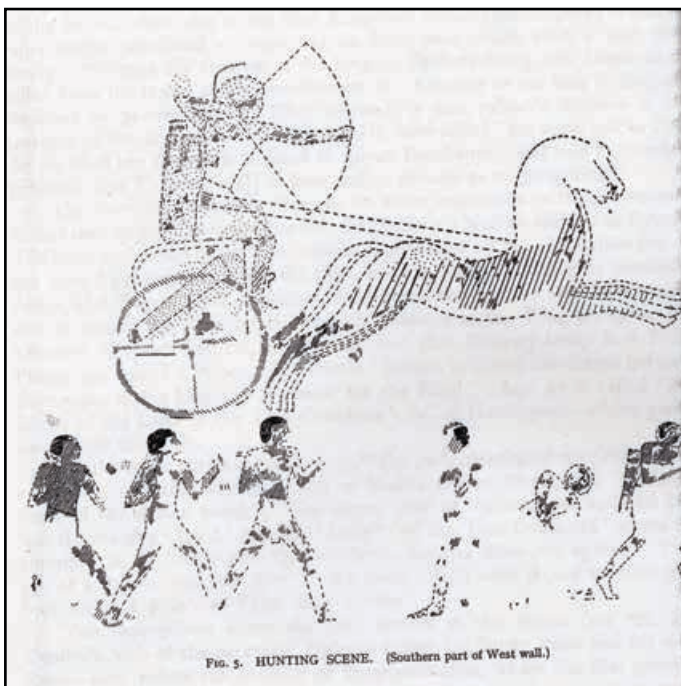


Fig. 4.18
HAT (3) Djehutyhetep- Debeira.
Säve Söderbergh(1960) "Djehuty-
hetep at Debeira" *Kush* 8 (1960)
fig. 5.
(No tomb plan available)

CHAPTER 4

THE REIGN OF THUTMOSE III

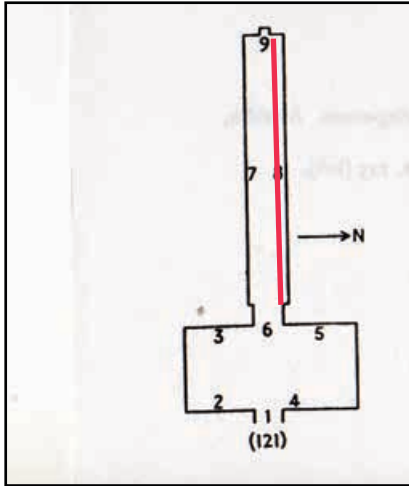


Fig. 4.19
TH III (1) TT 121 Ahmose
PM 1 (1) 235
(No image available)

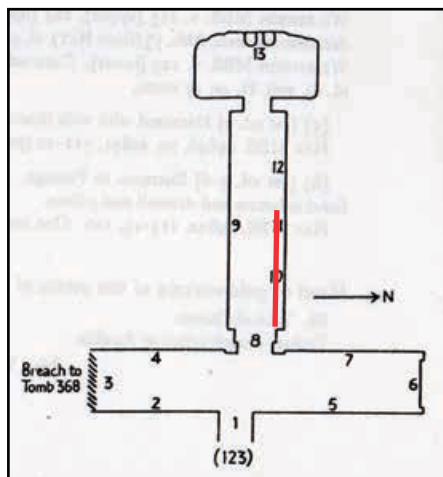


Fig. 4.20
TH III (2) TT 123 Amenemhet
PM 1 (1) 236-237 (10, 11)

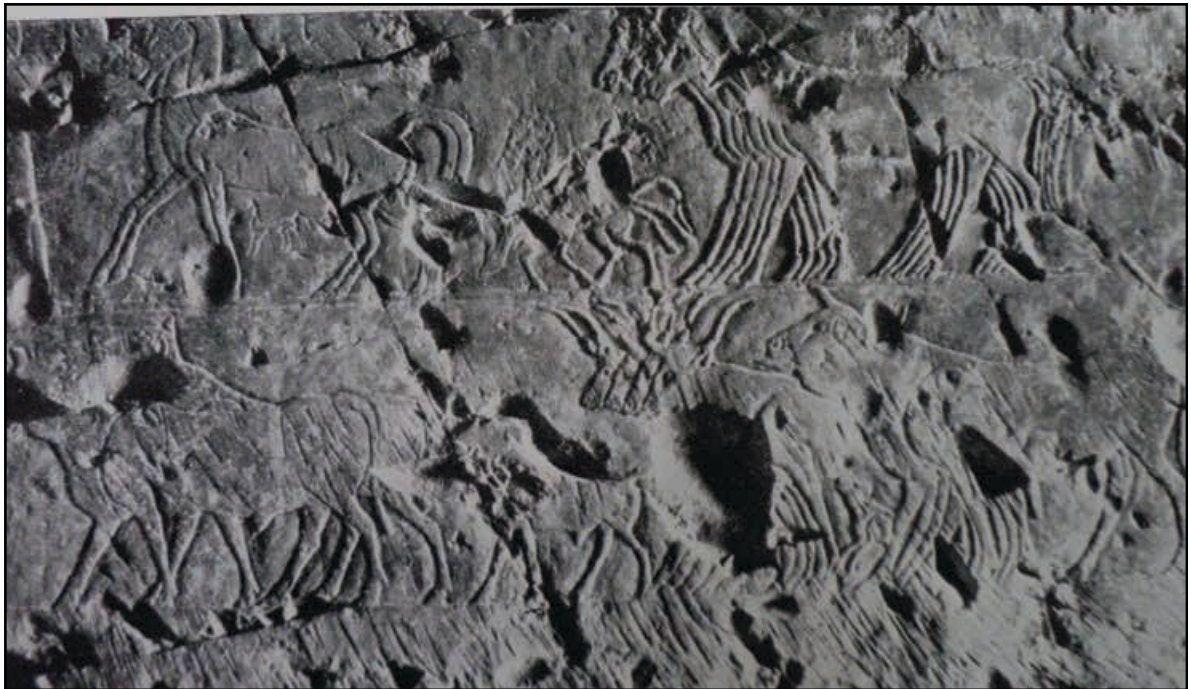


Fig. 4.21
TH III (2) TT 123 Amenemhet
Wegner (1933) "Die Stilentwicklung der thebanischen Beamtengräber,"
MDAIK 4 (1933) pl. 5.

CHAPTER 4

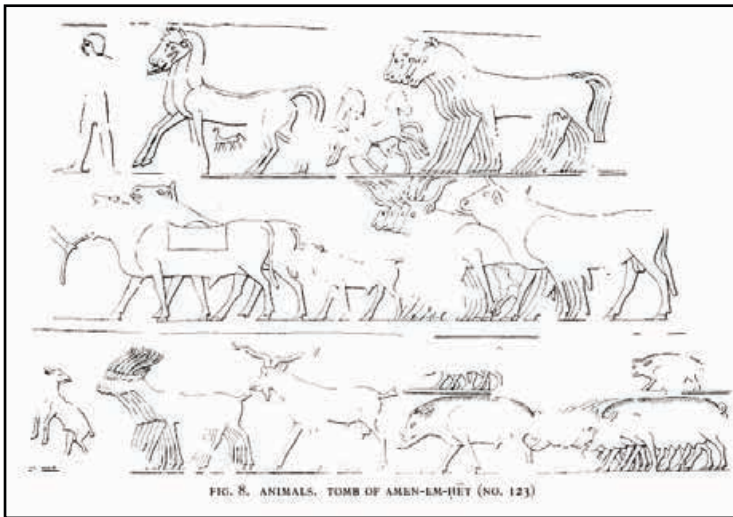


Fig. 4.22
TH III (2) TT 123 Amenemhet
Davies (1932) "The Work of
the Graphic Branch of the
Expedition"
*Metropolitan Museum of Art
Bulletin*, 27 (1932) 3, fig. 8.

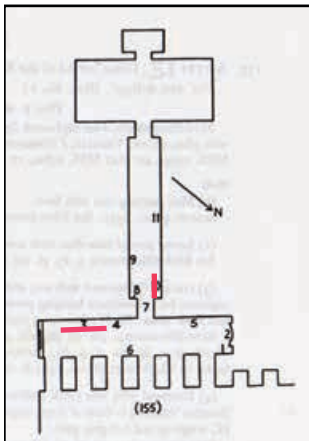


Fig. 4.23
TH III (3) TT 155 Antef
PM 1 (1) 263-265 (3, 10)

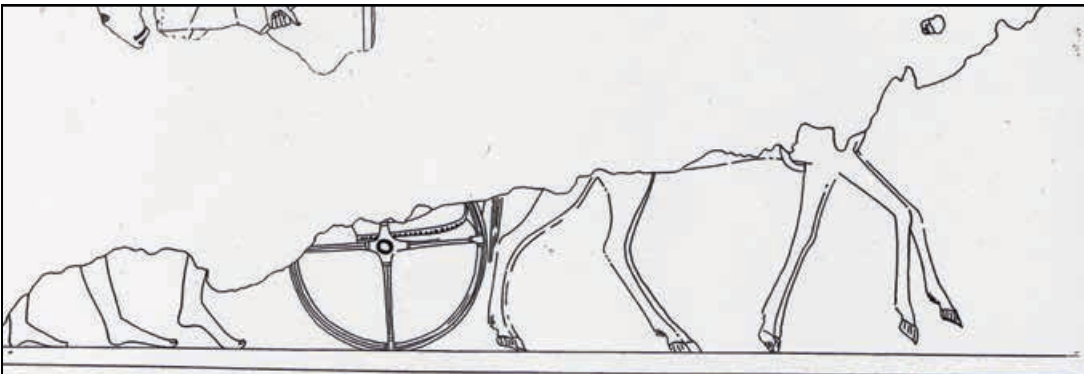


Fig. 4.24
TH III (3) TT 155 Antef
Säve-Söderbergh (1957) *Four Eighteenth Dynasty Tombs*, pl. 16.



Fig. 4.25
TH III (3) TT 155 Antef
Säve-Söderbergh (1957) *Four
Eighteenth Dynasty Tombs*, pl.13.

CHAPTER 4

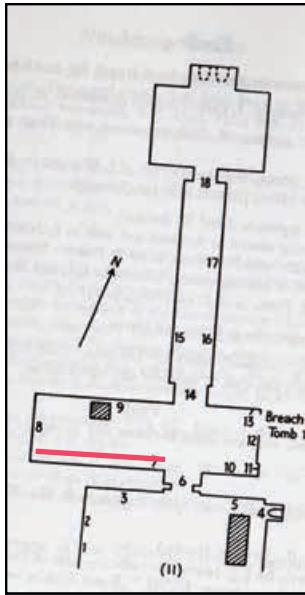


Fig. 4.26
TH III (4) TT 11 Djehuty
PM 1 91) 21-24 (7)

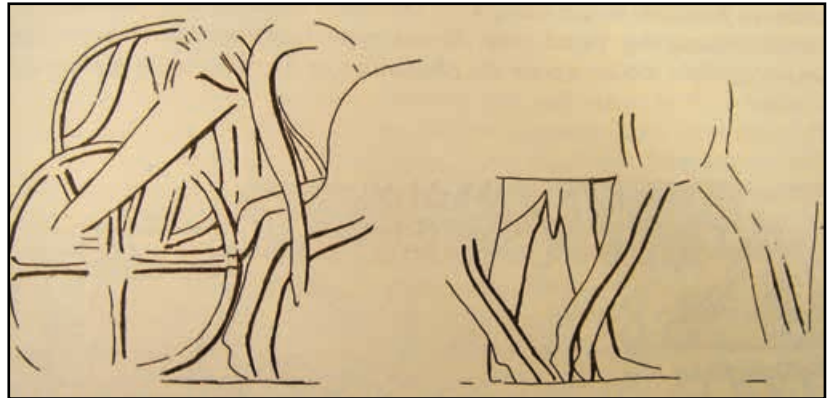


Fig. 4.27
TH III (5) TT 11 Djehuty
Säve-Söderbergh(1958) "Eine Gastmahlszene im Grabe des Schatzhausvorstehers Djehuti"
MDAIK 16 (1958) pl. 5.

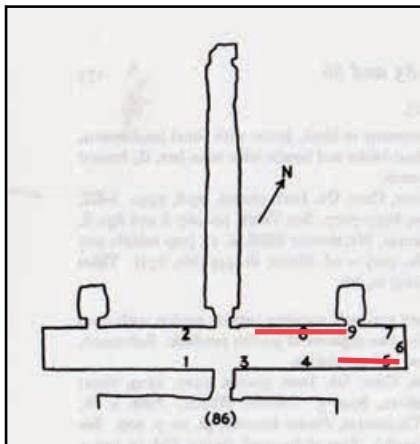


Fig. 4.28
TH III (5) TT 86 Menkheperasonb
PM 1 (1) 175-178 (5,8)

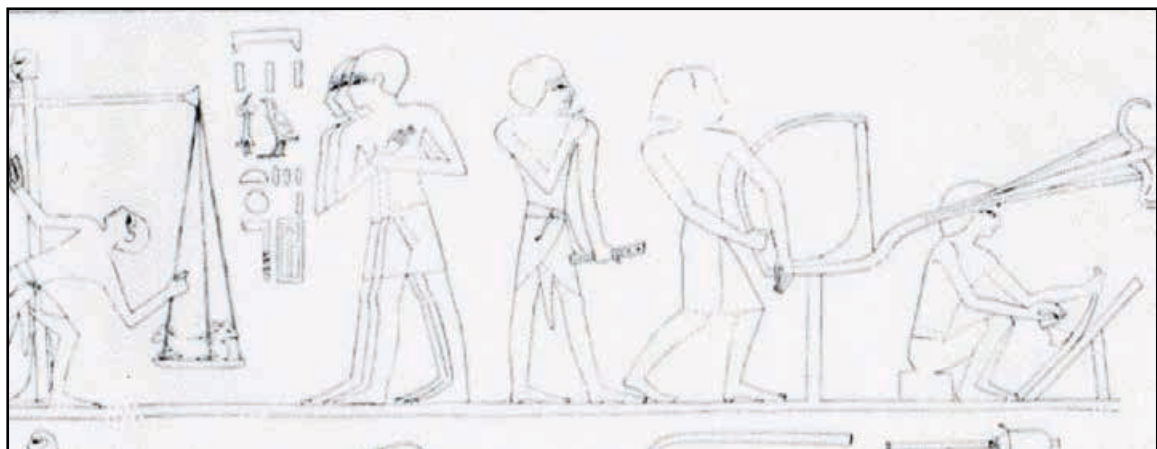


Fig. 4.29
TH III (5) TT 86 Menkheperasonb
Davies (1933) *The Tombs of Menkheperasonb, Amenmose and Another*, (Nos. 86, 122, 42 and 226) pl.11.

CHAPTER 4

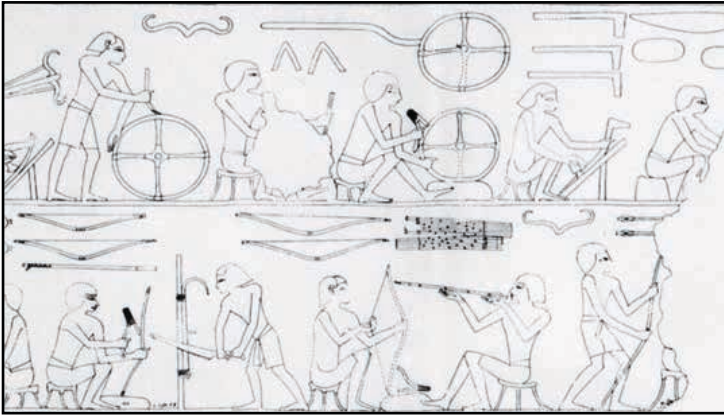


Fig. 4.30
TH III (5) TT 86 Menkheperresonb
Davies (1933) *The Tombs of
Menkheperresonb, Amenmose and
Another*, (Nos. 86, 122, 42 and
226)
pl. 12.

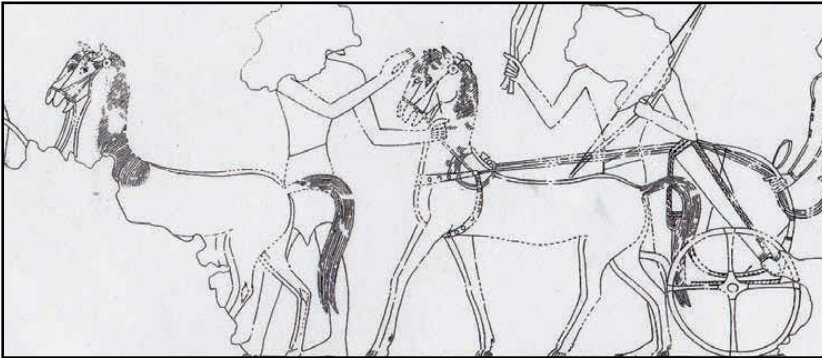


Fig. 4.31
TH III (5) TT 86
Menkheperresonb
Davies (1933) *The Tombs
of Menkheperresonb,
Amenmose and Another*,
(Nos. 86, 122, 42 and 226)
pl. 7.



Fig. 4.32
TH III (5) TT 86 Menkheperresonb
Rommelaere (1991) *Les chevaux du
Nouvel Empire égyptien*, pl.1.

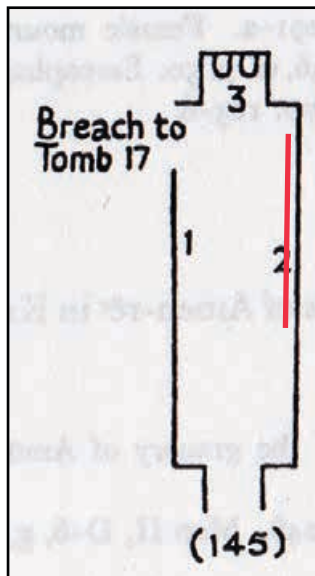


Fig. 4.33
TH III (6) TT 145- Nebamun
PM 1 (1) 257-258 (2)

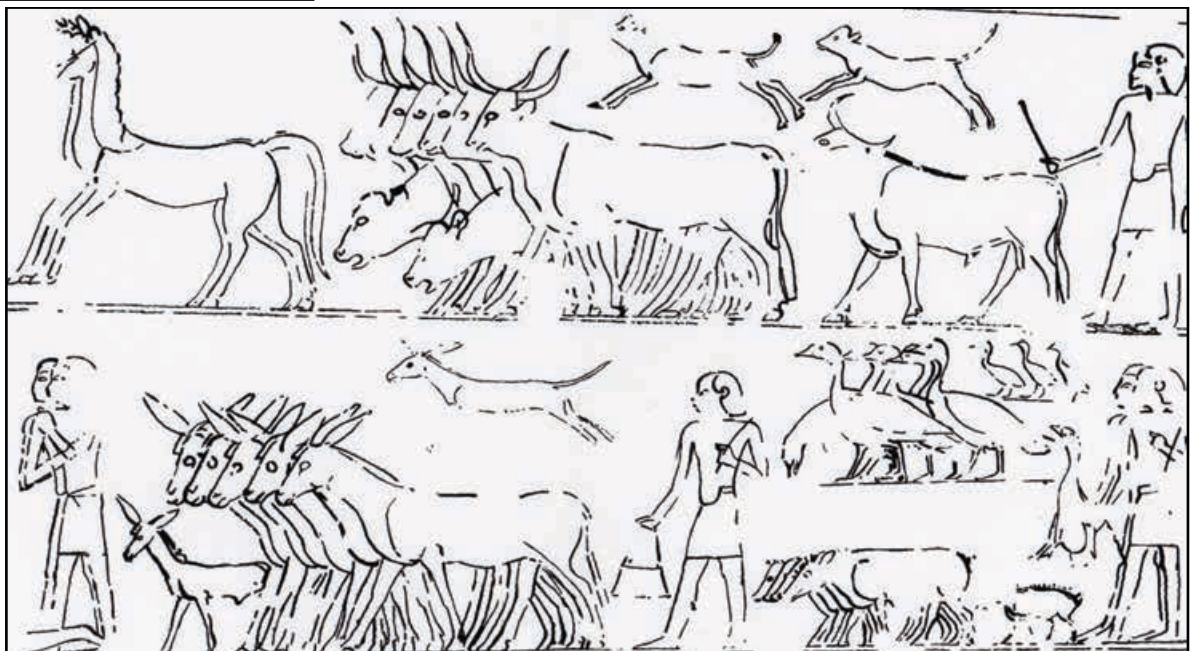


Fig. 4.34
TH III (6) TT 145 Nebamun
Davies (1932) *Work of the Graphic Branch*, fig. 9.

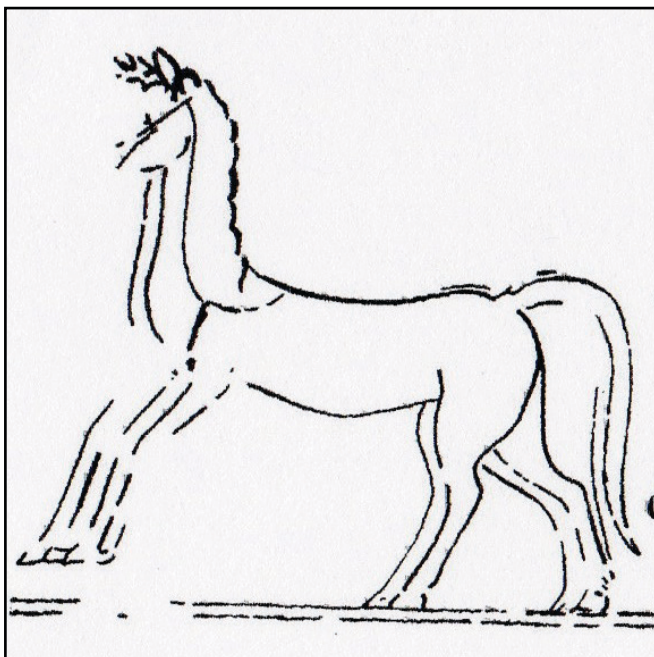


Fig. 4.35
TH III (6) TT 145 Nebamun
Davies (1932) *Work of the Graphic Branch*, fig. 9.

CHAPTER 4

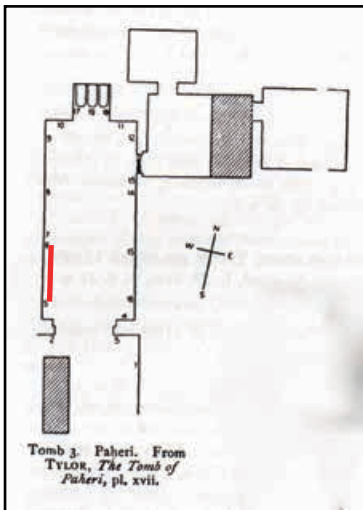


Fig. 4.36
TH III (7) Paheri
El-Kab 3
PM V 177 (5-6)



Fig. 4.37
TH III (7)
Paheri
Tylor (1895)
*The Tomb of
Paheri*,
pl.3.

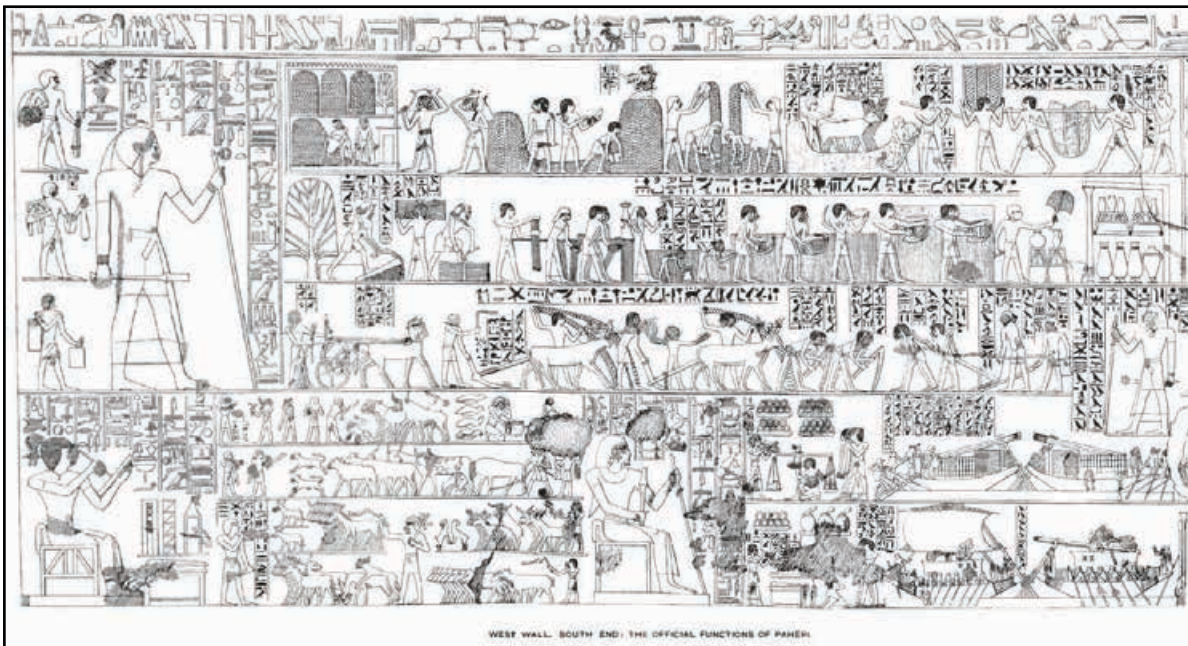


Fig. 4.38
TH III (7) Paheri
Tylor (1895) *The Tomb of Paheri*, pl.3.

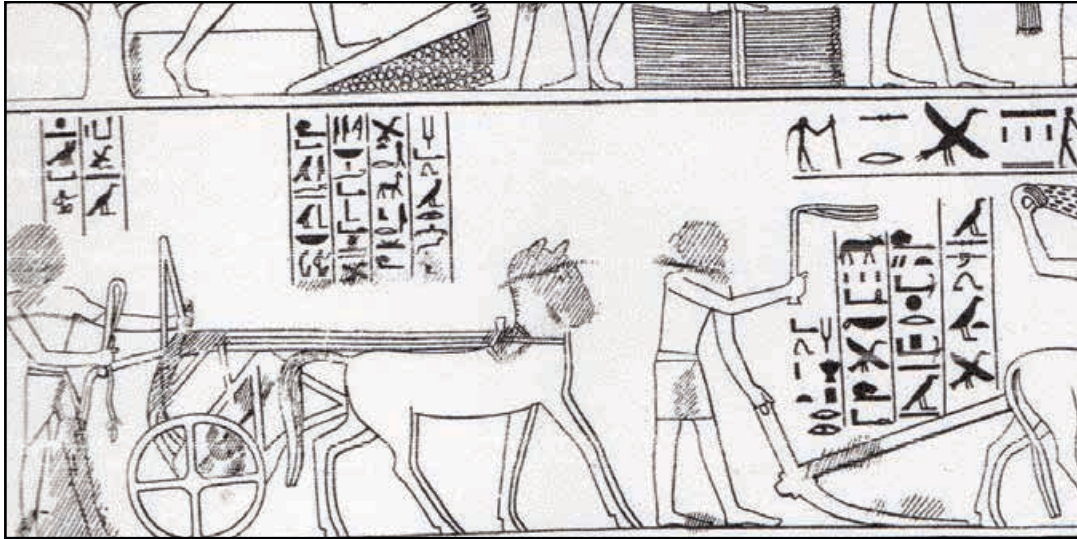


Fig. 4.39
TH III (7) Paheri
Tylor (1895) *The Tomb of Paheri*, pl.3.



Fig. 4.40
TH III (7) Paheri
Photo. S. Turner.

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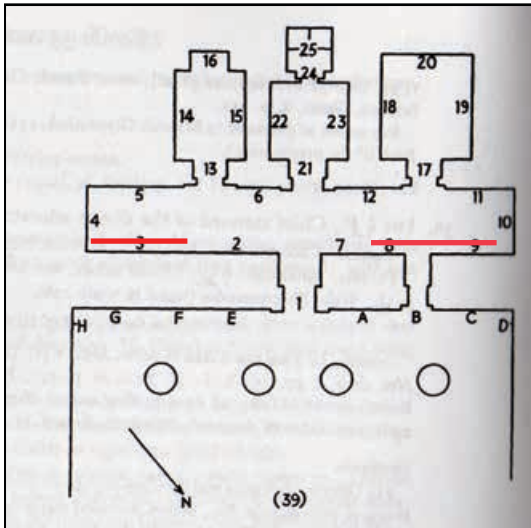


Fig. 4.41
TH III (8) TT 39 Puyemre
PM 1 (1) 71-75 (3, 8-9)

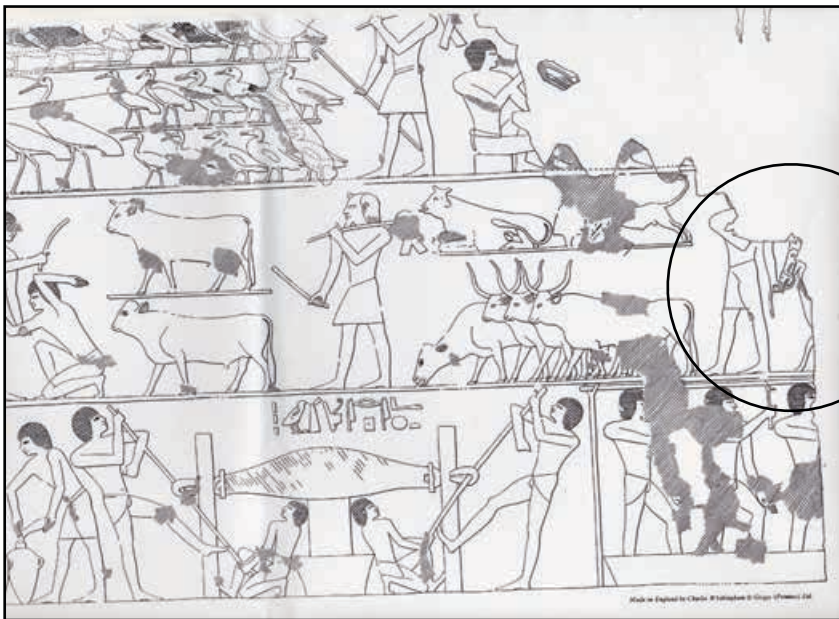


Fig. 4.42
TH III (8) TT 39 Puyemre
Davies (1923) *The Tomb of Puyemre at Thebes*, pl.12.



Fig. 4.43
TH III (8) TT 39 Puyemre
Davies (1923) *The Tomb of Puyemre at Thebes*, pl. 23.

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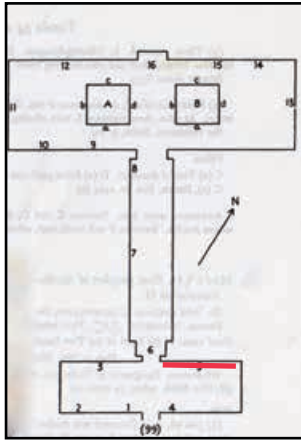


Fig. 4.44
TH III (9) TT 99 Senneferi
PM 1 (1) 204-206 (5)



Fig. 4.45
TH III (9) Senneferi
N. Strudwick 14/2/2010 personal communication.



Fig. 4.46
TH III (9) Senneferi
Strudwick (1997-2010) *The Tomb of Senneferi: Theban Tomb 99, Cambridge Theban Tombs Project*
<http://www.fitzmuseum.cam.ac.uk/>



Fig. 4.47
TH III (9) Senneferi
Strudwick
(1997-2010) *The Tomb of Senneferi: Theban Tomb 99, Cambridge Theban Tombs Project*
<http://www.fitzmuseum.cam.ac.uk/>

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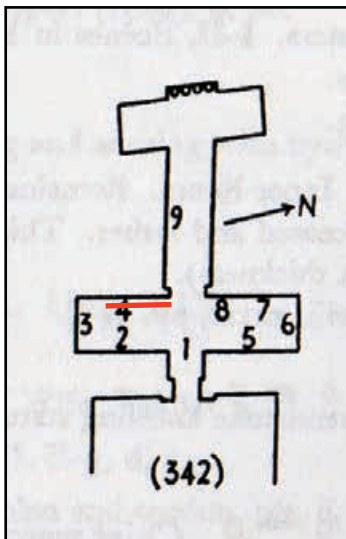


Fig. 4.48
TH III (10) TT 342 Thutmose
PM 1 (1) 409-410 (4)
(No image available)

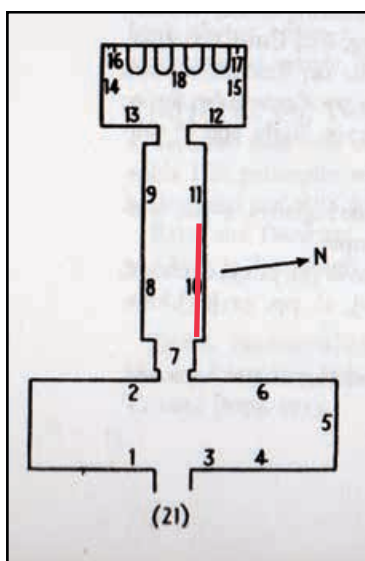


Fig. 4.49
TH III (11) 21 User
PM 1 (1) 35-37 (10)

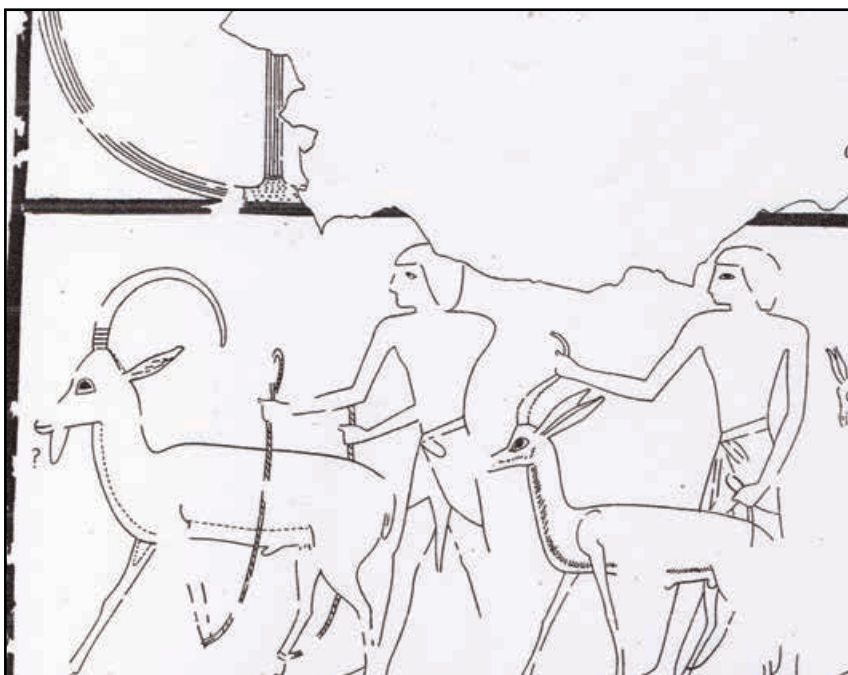


Fig. 4.50
TH III (11) 21 User
Davies (1913) *Five Theban Tombs*
(Being Those of Mentuherkhepeshef, User, Daga, Nehemaway and Tati), pl. 22.



Fig. 4.51
TH III (12) Calcite Tablet
C. Loeben Museum August
Kestner, Hanover, 19/4/2011
Personal Communication



Fig. 4.52
TH III (12) Calcite tablet
Woldering (1967) *The Arts of
Ancient Egypt*, pl. 63.

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THE REIGN OF AMENHOTEP II



Fig. 4.53

AM II (1) Asasif Block

Brand (1995) "A Thutmosid Battle Relief," in Thomas (1995) *The American Discovery of Egypt*. 74, and MMA. no. 13.1280.21

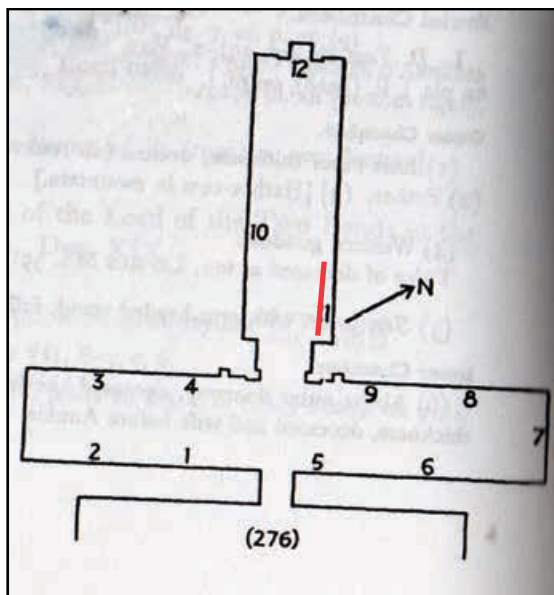


Fig. 4.54

AM II (2) TT 276 Amenemope

PM 1 (1) 352- 353 (11)

(No image available)

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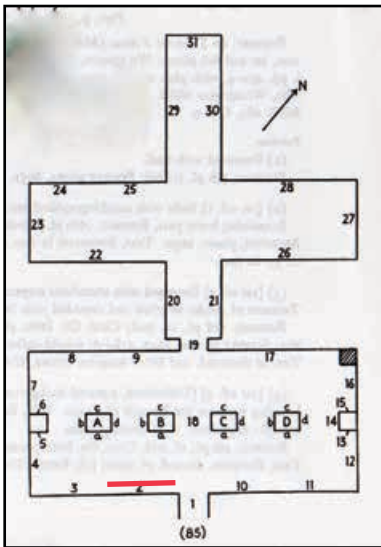


Fig. 4.55
AM II (3) TT 85 Amenemhab (Mahu)
PM 1 (1) 170-175 (2)

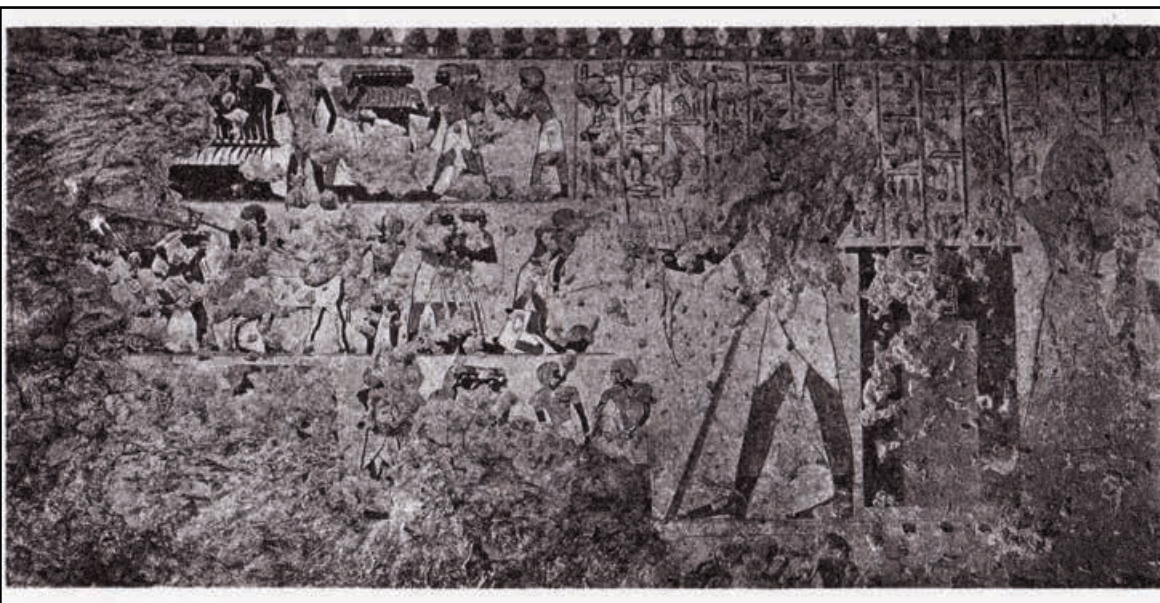


Fig. 4.56
AM II (3) TT 84 Amenemhab (Mahu)
Wreszinski (1988) *Atlas zur altaegyptischen
Kulturgegeschichte*, pl.94

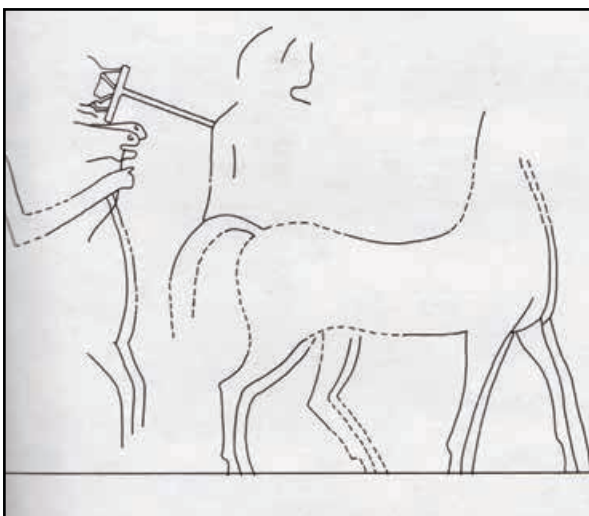


Fig. 4.57
AM II (3) TT 84 Amenehab (Mahu)
Rommelaere (1991) *Les chevaux du Nouvel Empire égyptien*, 165 (23) (Line drawing)

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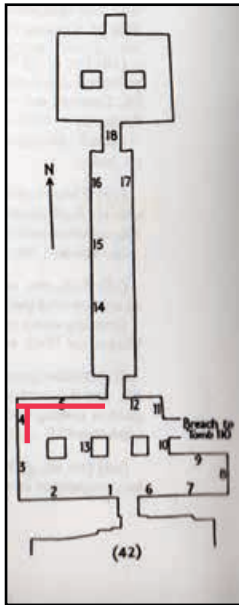


Fig. 4.58
AM II (4) TT 42 Amenmose
PM 1 (1) 82-83 (4,5)

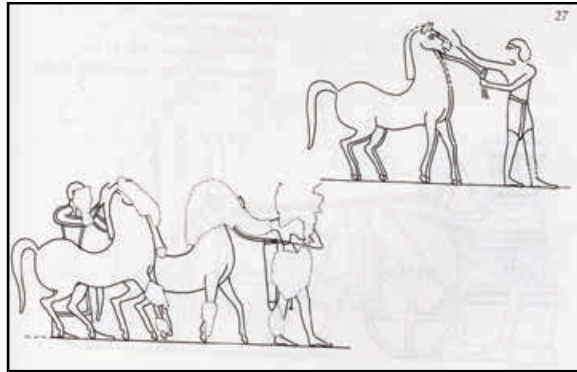


Fig. 4.59
AM II (4) TT 42
Amenmose
Rommelaere (1991) *Les chevaux du Nouvel Empire égyptien*, 167, pl. 27.



Fig. 4.60
AM II (4) TT 42
Amenmose
Wreszinski (1988) *Atlas zur altaegyptischen Kulturegeschichte*, pl. 42.

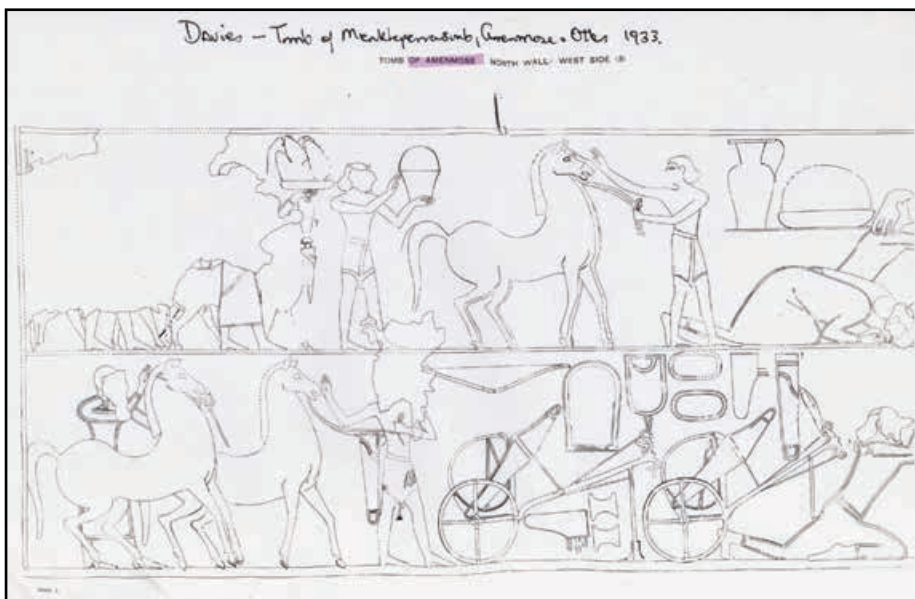


Fig. 4.61
AM II (4) TT 42 Amenmose
Davies (1933) *The Tombs of Menkheperasonb, Amenmose and Another*, pl. 35.

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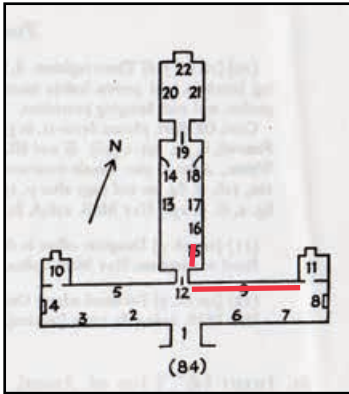


Fig. 4.62
AM II (5) TT 84 Amunedjeh
PM 1 (1) 167-170 (9, 15)

Fig. 4.63
AM II (5) TT 84 Amunedjeh
Wegner(1933)“Die Stilentwicklung der
Thebanischen Beamtengräber.”MDAIK 4.(1933)
pl. 9a.

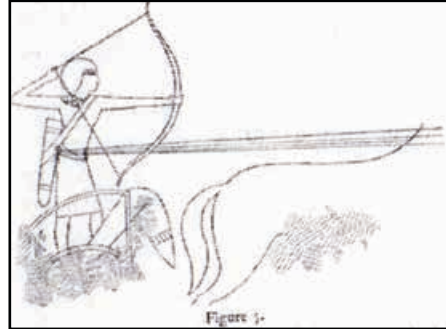


Fig. 4.64
AM II (5)
TT 84
Amunedjeh
Virey (1891)
*Sept
tombeaux
thébains de
la XVIII
Dyn*, fig. 5.



Fig. 4.65
AM II (5) TT 84 Amunedjeh
Wreszinski (1988)*Atlas zur
altaegyptischen Kulturegeschichte*, 1,
pl.269.



Fig. 4.66
AM II (5) TT 84 Amunedjeh
Davies (1941) “Syrians in the
Tomb of Amunedjeh.” *JEA*
27, pl.13.

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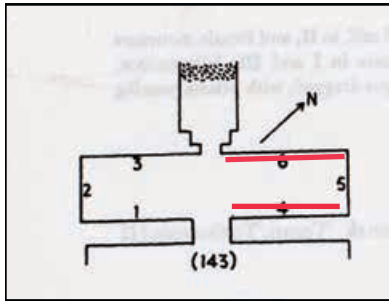


Fig. 4.67
AM II (6) TT 143 Name Lost (Anonymous B)
PM 1 (1) 255-257 (4,6)



Fig. 4.68
AM II (6) TT 143 Name
Lost (Anonymous B)
Wreszinski(1988)
*Atlas zur
altaegyptischen
Kulturegeschichte*,
I, pl. 347



Fig. 4.69
AM II (6) TT 143 Name Lost
(Anonymous B)
Davies (1935) "The Egyptian
Expedition. 1934-1935. The
Work of the Graphic Branch of
the Expedition." *The
Metropolitan Museum of Art
Bulletin*, 30, no. 11. pt 2, fig.3.



Fig. 4.70
AM II (6) TT 143 Name Lost (Anonymous B)
Capart (1927-1931) *Documents pour servir
à l'étude de l'art égyptien*, 2, pl.67.

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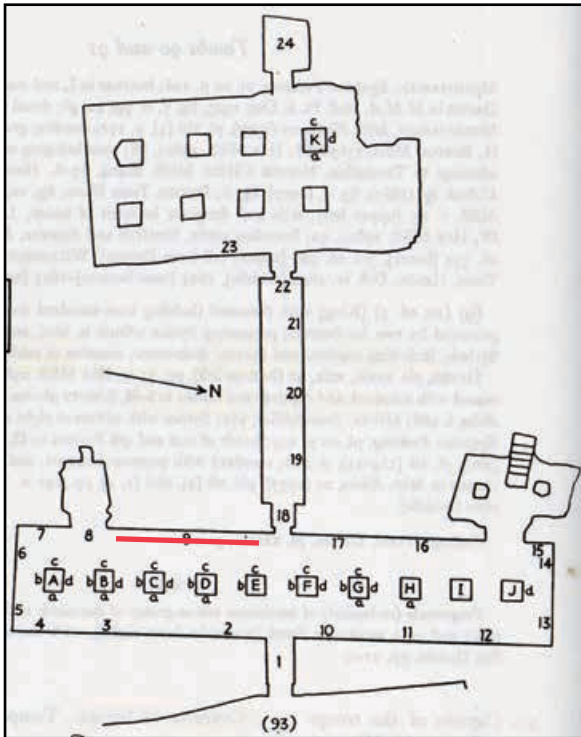


Fig. 4.71
AM II (7) TT 93 Kenamun
PM 1 (1) 190-194 (9)

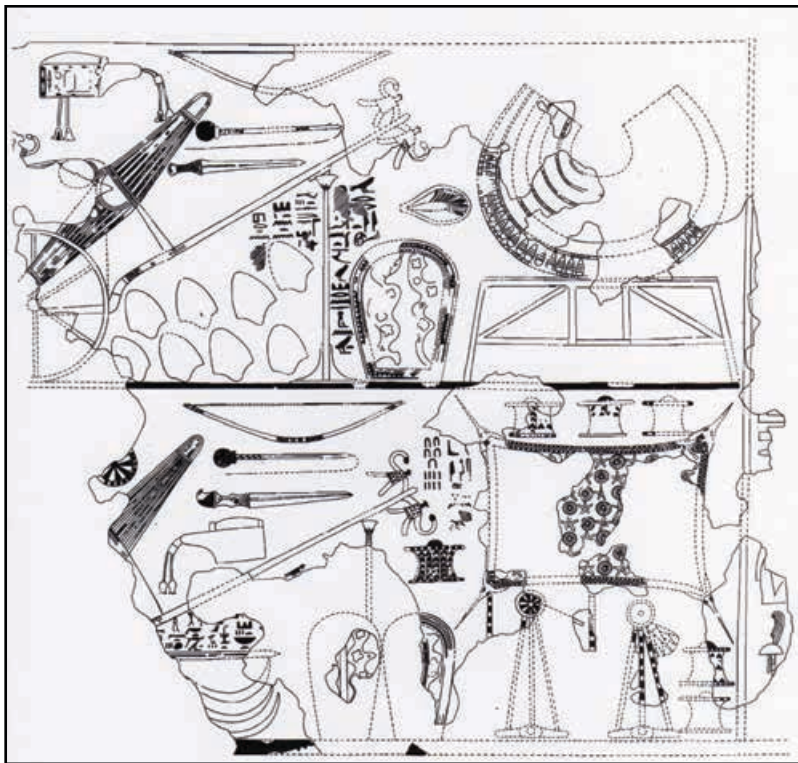


Fig. 4.72
AM II (7) TT 93 Kenamun
Davies (1930) "The Tomb of
Ken-Amun at Thebes." *Bulletin
of the Metropolitan Museum of
Art*, 5, 1930, pl. 22.

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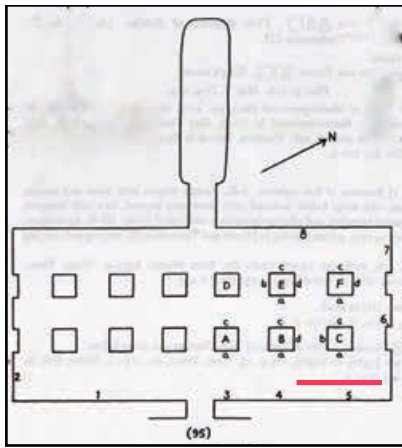


Fig. 4.73
AM II (8) TT 95 Mery
PM 1 (1) 195-197 (5)



Fig. 4.74
AM II (8) TT 95 Mery
Wreszinski (1988) *Atlas zur
altaegyptischen
Kulturgegeschichte*, 1, pl.307.

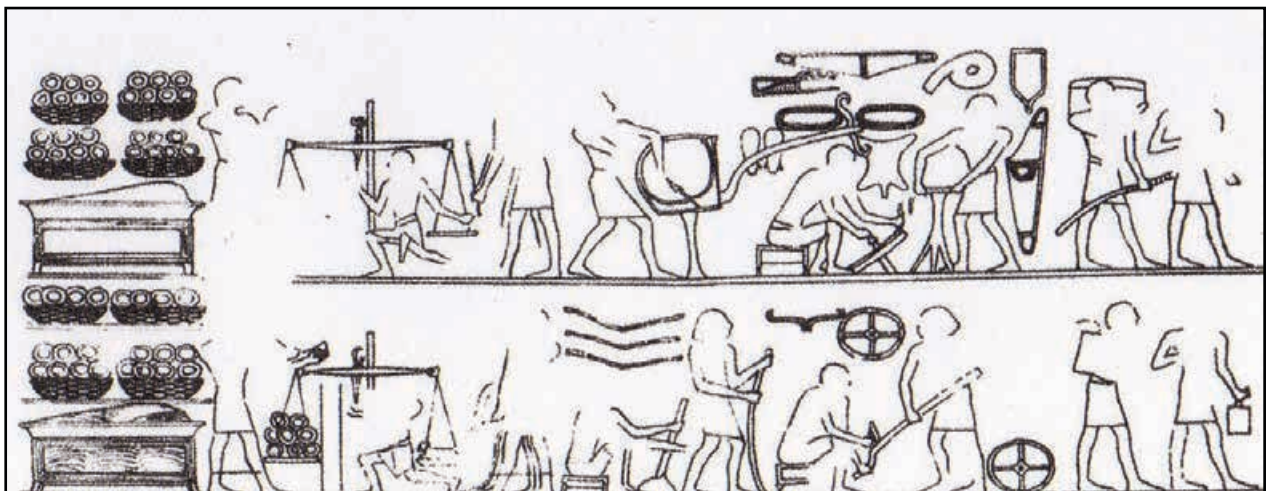


Fig. 4.75
AM II (8) TT 95 Mery
Wreszinski (1988) *Atlas zur
altaegyptischen
Kulturgegeschichte*, 1, pl.307.

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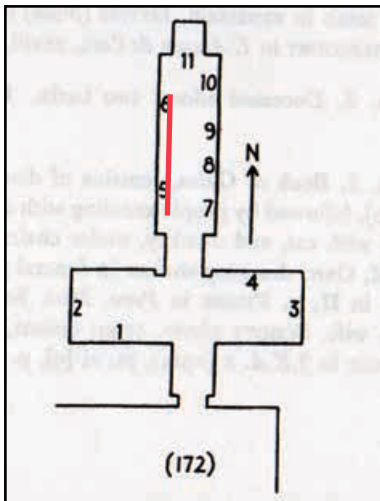


Fig. 4.76
AM II (9) TT 172 Mentuiui
PM 1 (1) 279-280 (5-6)

Theben — Grab des Mentiwy



Fig. 4.77
AM II (9) TT 172 Mentuiui
Schott Photograph 5800

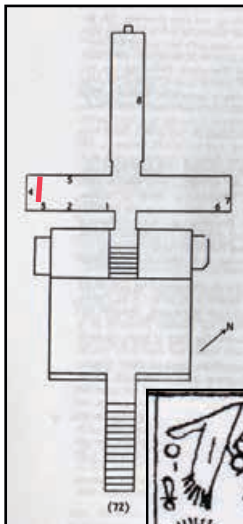


Fig. 4.78
AM II (10) TT Re
PM 1 (1) 142 -143(4)

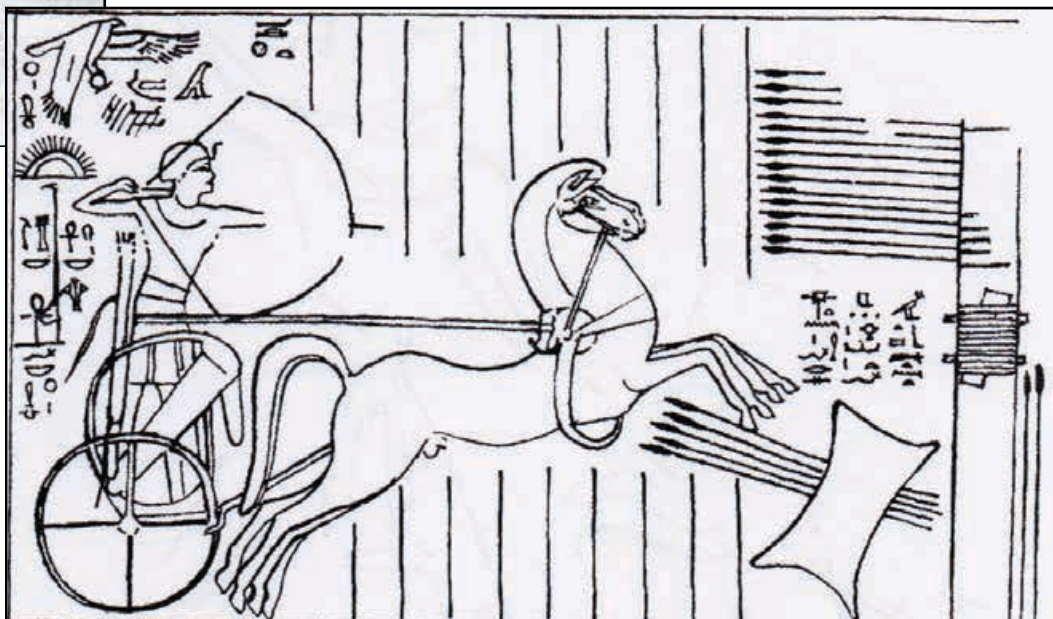


Fig. 4.79
AM II (10) TT Re
Davies (1935) "The Egyptian Expedition. 1934-1935. The Work of the Graphic Branch of the Expedition." *The Metropolitan Museum of Art Bulletin*, 30, no. 11. pt 2. fig.3.

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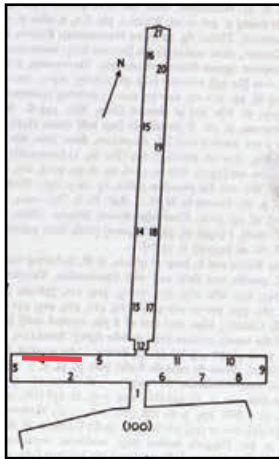


Fig. 4.80
AM II (11) TT 100 Rekhmire
PM 1 (1) 206-214 (4)

Fig. 4.81
AM II (11) TT 100 Rekhmire
Houlihan (1996) *Animal World
of the Pharaohs*, pl. 15.

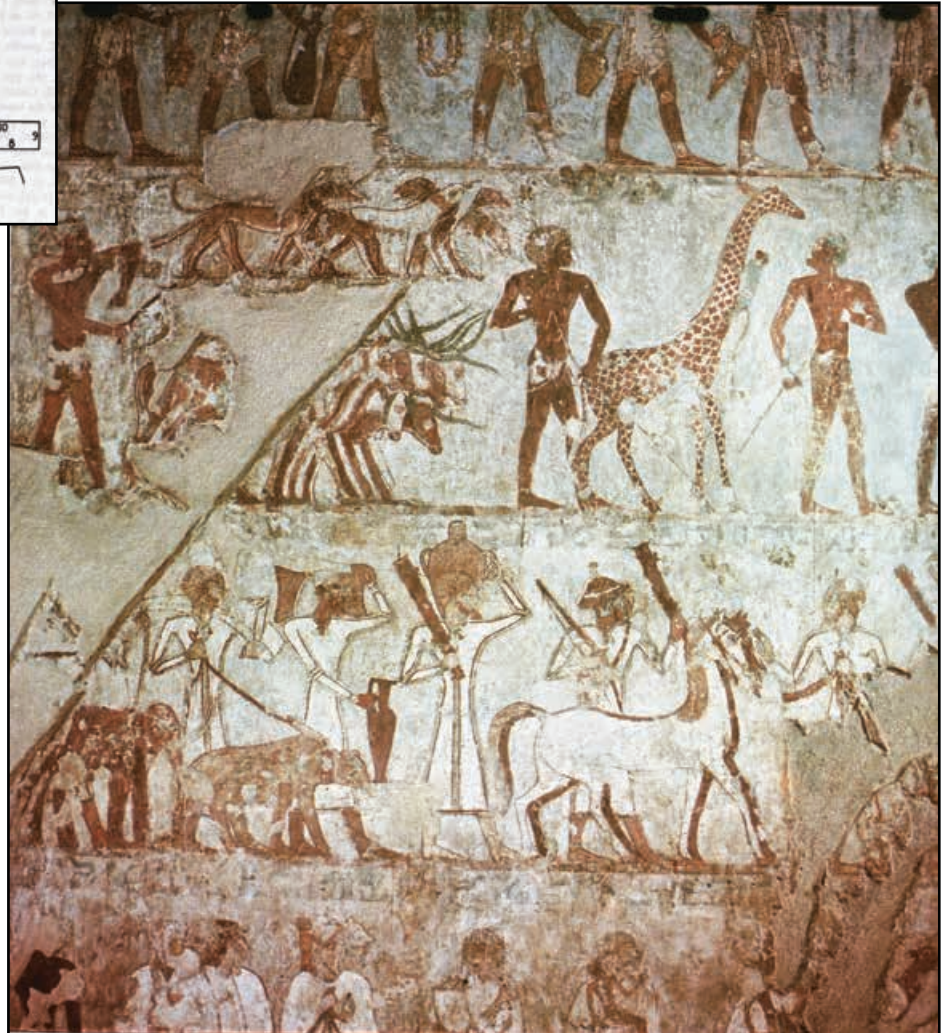


Fig. 4.82
AM II (11) TT 100 Rekhmire
Davies (1935) *Paintings from the
Tomb of Rekh-Mi-Re' at Thebes*,



Fig. 4.83
AM II (11) TT 100 Rekhmire
Rommelaere (1991) *Les chevaux du Nouvel Empire égyptien*, pl.2.

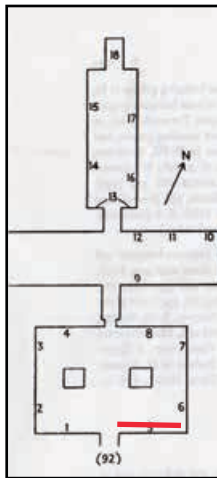


Fig. 4.84
AM II (12) TT 92 Suemnut
PM 1 (1) 187-189 (5)



Fig. 4.85
AM II (12) TT 92 Suemnut
Capart (1927 -1931) *Documents pour servir à l'étude de l'art égyptien*, 2 pl.67.

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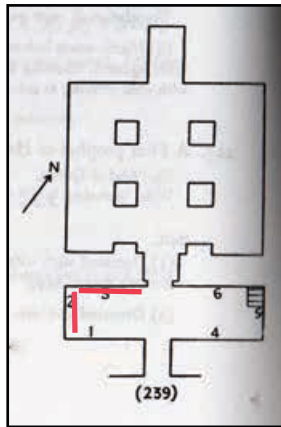


Fig. 4.86
AM II (13) TT 239 Penhet
PM 1 (1) 330 (2-3)

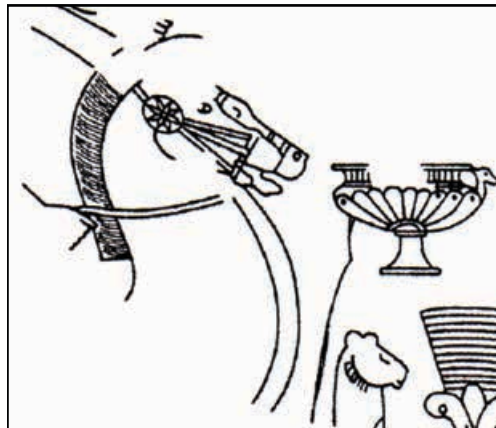


Fig. 4.87
AM II (13) TT 239 Penhet
Hartwig (2004) *Tomb Painting and Identity in Ancient Thebes*, 1419-1372BCE, fig. 44.

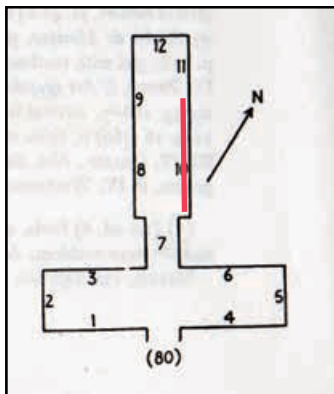


Fig. 4.88
AM II (14) TT 80 Thotnefer
PM 1 (1) 157 (10)

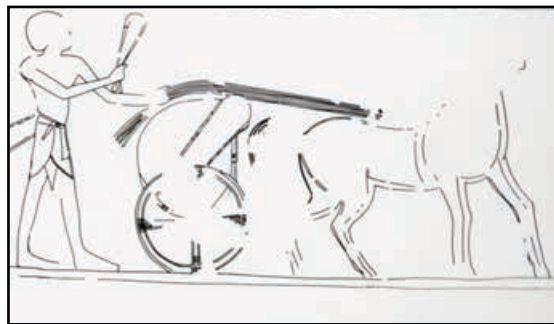


Fig. 4.89
AM II (14) TT 80 Thotnefer
Shedid (1988) *Stil der Grabmalereien in der Zeit Amenophis II*, pl.2.4b



Fig. 4.90
AM II (14) TT 80 Thotnefer
Shedid(988) *Stil der Grabmalereien in der Zeit Amenophis II*, pl. 2.4

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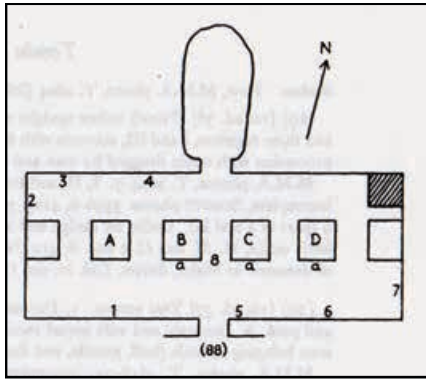


Fig. 4.91
AM II (15) TT 88 Pehsuker
PM 1 (1) 179-181

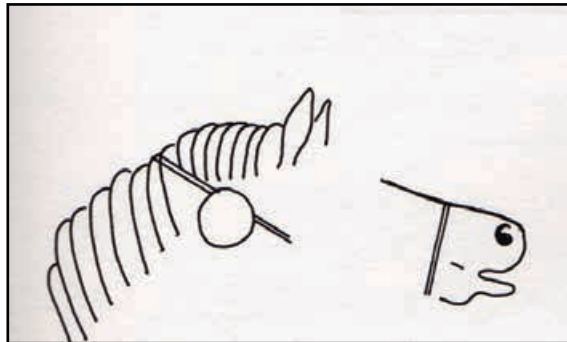


Fig. 4.92
Rommelaere (1991) *Les chevaux du Nouvel Empire égyptien* Connaissance de l'Égypte Ancienne, 165, pl. 24. Fragment location unknown.



Fig. 4.93
AM II (16) Amenhotep II
Block Luxor Museum J 129.

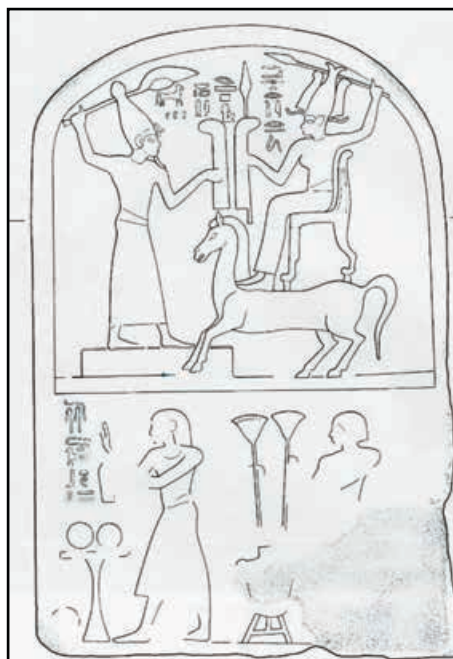


Fig. 4.94
AM II (17)
Stele of Betu
Hoffmeier & Kitchen (2007) "Reshep & Astarte in North Sinai: A Recently Discovered Stela from Tell el-Borg." fig. 1b.

CHAPTER 4

THE REIGN OF THUTMOSE IV



Fig. 4.95
TH IV (1) KV 43 Thutmose IV
(Chariot sides)
PM 1 (2) 560 (*Finds*)
Carter & Newberry, Maspero &
Smith (1904) *The Tomb of*
Thoutmosis IV, fig. 2.

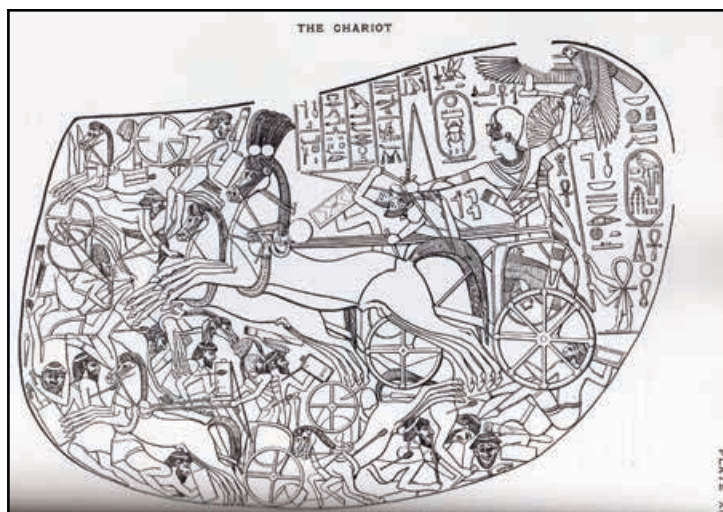


Fig. 4.96
TH IV (1) KV 43 Thutmose IV
(Chariot sides)
PM 1 (2) 560 (*Finds*)
Carter & Newberry, Maspero
& Smith (1904) *The Tomb of*
Thoutmosis IV, pl. 11.

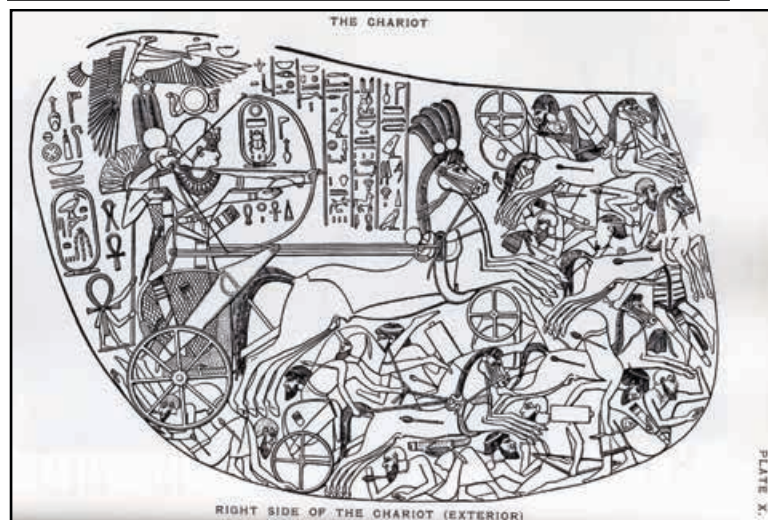


Fig. 4.97
TH IV (1) KV 43 Thutmose IV
(Chariot sides)
PM 1 (2) 560 (*Finds*)
Carter & Newberry, Maspero
& Smith (1904) *The Tomb of*
Thoutmosis IV, pl. 10.

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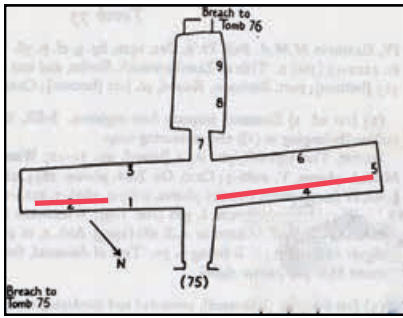


Fig. 4.98
TH IV (2) TT 75 Amenhotep Sisi
PM 1 (1) 146-149 (2,4)

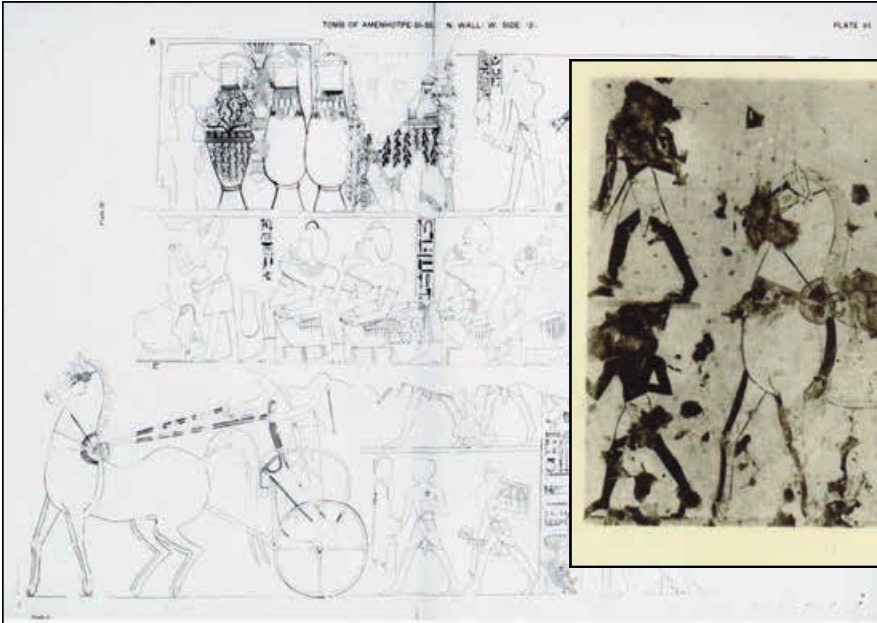


Fig. 4.99
TH IV (2) TT 75 Amenhotep Sisi
Davies (1923) *Tombs of Two Officials of Thutmose the Fourth* (nos. 75 and 90), pl.6.



Fig. 4.100
TH IV (2) TT 75 Amenhotep Sisi
Davies (1923) *Tombs of Two Officials of Thutmose the Fourth* (nos. 75 and 90), pl. 18.

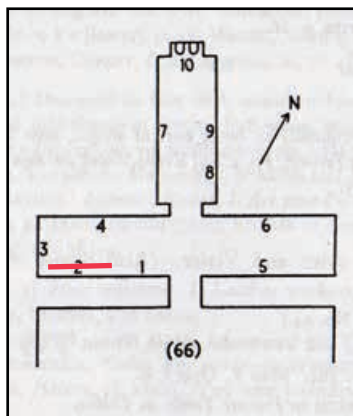


Fig. 4.101
TH IV (3) TT 66 Hepu
PM 1 (1) 132-133 (2)

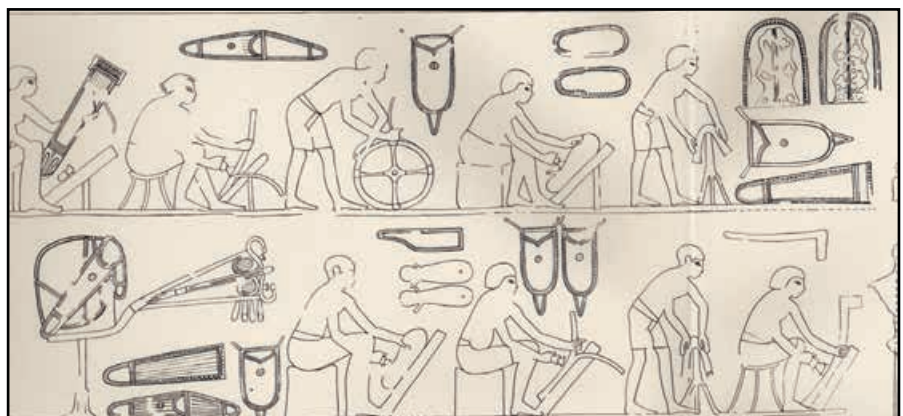


Fig. 4.102
TH IV (3) TT 66 Hepu
Davies (1963) *Scenes from Some Theban Tombs*, pl. 8.

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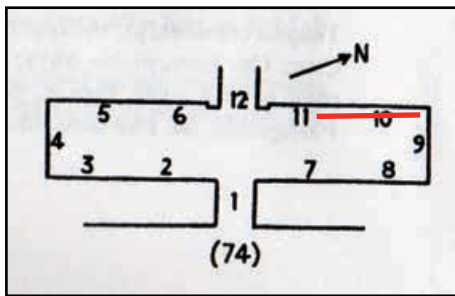


Fig. 4.103
TH IV (4) TT 74 Tjannuni
PM 1 (1) 144-146 (10)

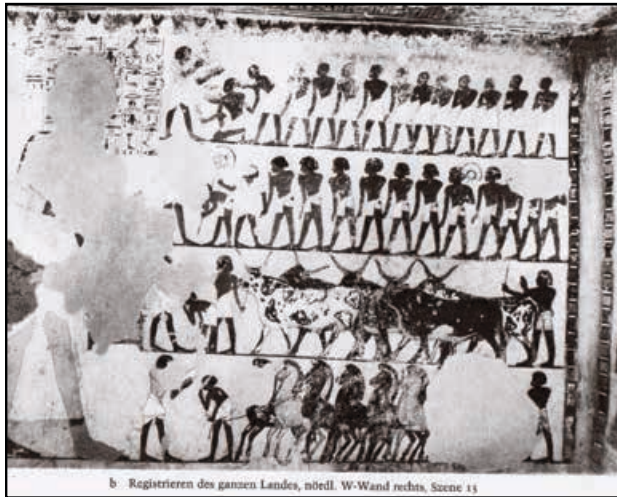


Fig. 4.104
TH IV (4) TT 74 Tjannuni
Brack & Brack (1977) *Das Grab des
Tjanuni. Theben Nr. 74*, pl. 39.



Fig. 4.105
TH IV (4) TT 74 Tjannuni
Brack & Brack (1977) *Das Grab des
Tjanuni. Theben Nr. 74*, pl. 1.



Fig. 4.106
TH IV (4) TT 74
Tjannuni
Rommelaere
(1991) *Les
chevaux du
Nouvel Empire
égyptien*, pl. 4.

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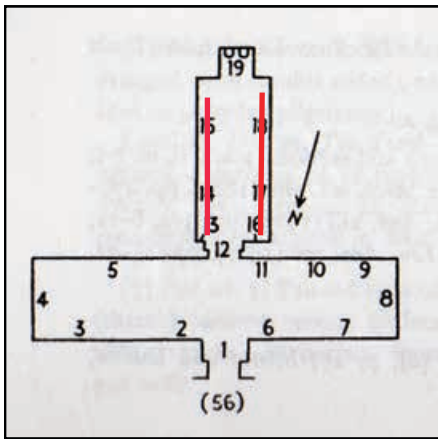


Fig. 4. 107
TH IV (5) TT 56 Userhat
PM 1 (1) 111-113 (13-18)



Fig. 4.108
TH IV (5) TT 56 Userhat
Beinlich-Seeber & Shedid (1987) *Das Grab des Userhat. (TT 56)* 431.



Fig. 4.109
TH IV (5) TT 56 Userhat
Beinlich-Seeber & Shedid (1987) *Das Grab des Userhat. (TT 56)*, pl. 14/15.

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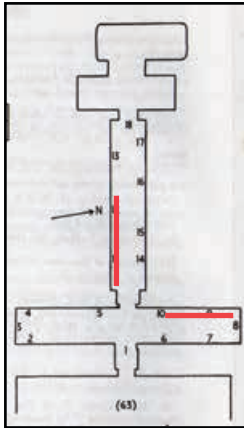


Fig. 4.110
Th IV (6) TT 63 Sobekhotep
PM 1 (1) 125-128 (9, 11, 12)

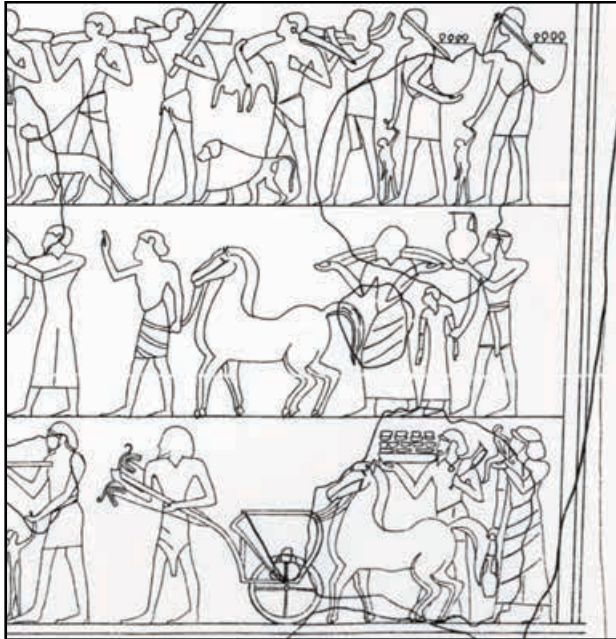


Fig. 4.111
Th IV (6) TT 63
Sobekhotep
Dziobek & Abdel Raziq
(1990) *Das Grab des
Sobekhotep*, pl. 33.

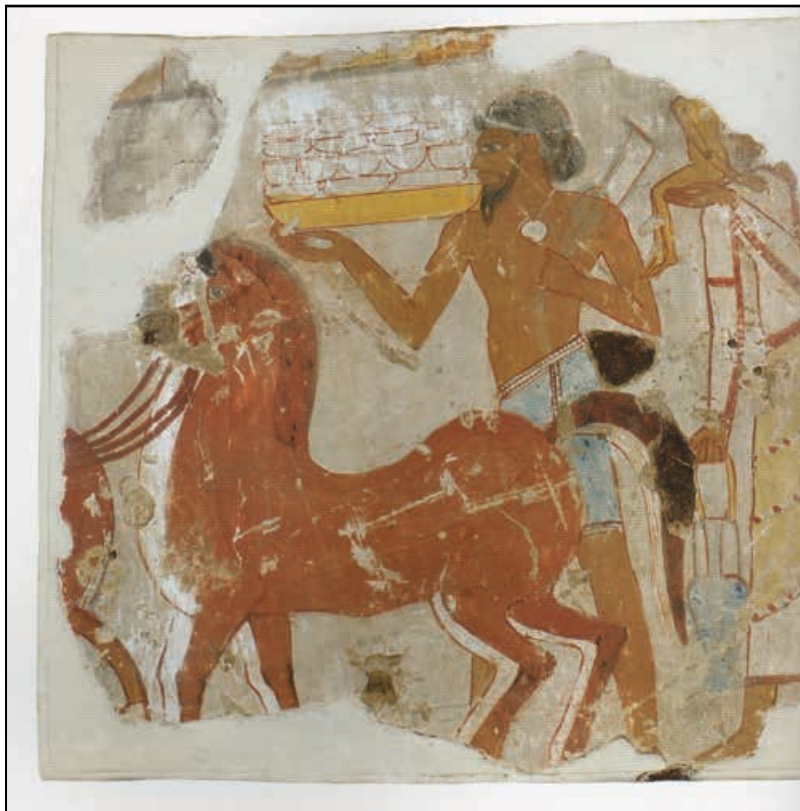


Fig. 4.112
Th IV (6) TT 63
Sobekhotep
Dziobek & Abdel Raziq
(1990) *Das Grab des
Sobekhotep*, Scene 4.
fragment BM EA 37987.

CHAPTER 4

THE REIGN OF AMENHOTEP III

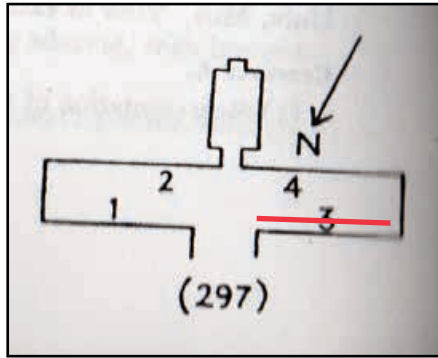


Fig. 4.113
AM III (1) TT 297 Amenemopet
PM 1 (1) 379 (3)

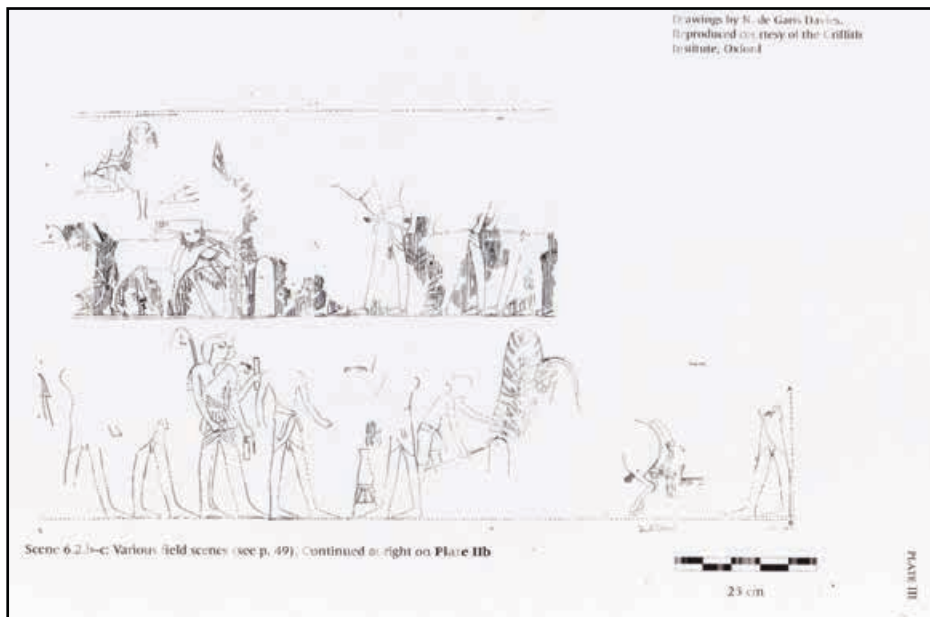


Fig. 4.114
AM III (1) TT 297
Amenemopet
Strudwick
(2003) *The Tomb of Amenemopet Called Tjanefer at Thebes. (TT 297), pl.3.*

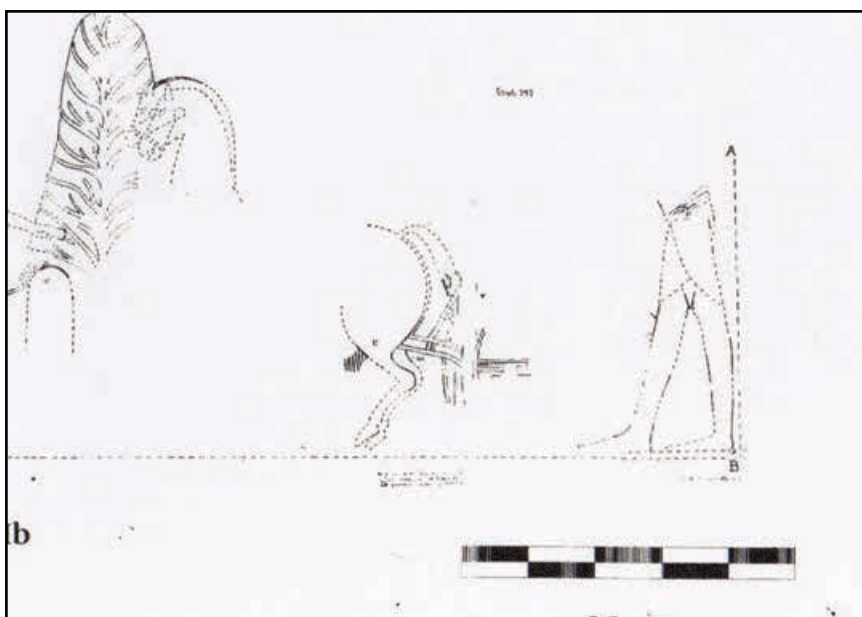


Fig. 4.115
AM III (1) TT 297
Amenemopet
Strudwick (2003)
The Tomb of Amenemopet Called Tjanefer at Thebes. (TT 297), pl.3.

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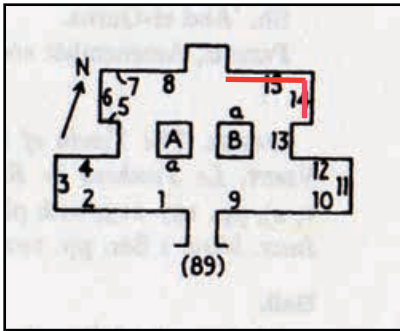


Fig. 4.116
AM III (2) TT 89 Amenmose
PM 1 (1) 181-183 (14-15)



Fig. 4.117
AM III TT 89 Amenmose
R. Shaw (Personal Communication
9/1/2010)



Fig. 4.118
AM III TT 89 Amenmose
R. Shaw (Personal Communication
9/1/2010)



Fig. 4.119
AM III (2) TT 89 Amenmose
Davies(1941) "The Tomb of Amenmose
(No. 89.) at Thebes." *JEA* 26 (1941) pl.
25.

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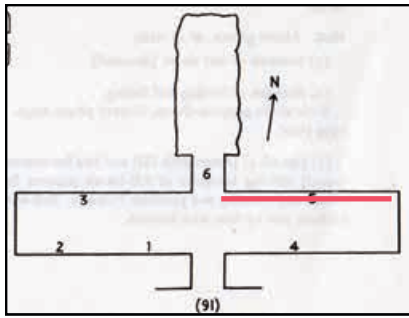


Fig. 4.120
AM III (3) TT 91 Anonymous A
PM 1 (1)185-187 (5)



Fig. 4.121
AM III (3) TT 91
Anonymous A
Wreszinski (1988)
*Atlas zur
altaegyptischen
Kulturgegeschichte*, 1
pl. 290.

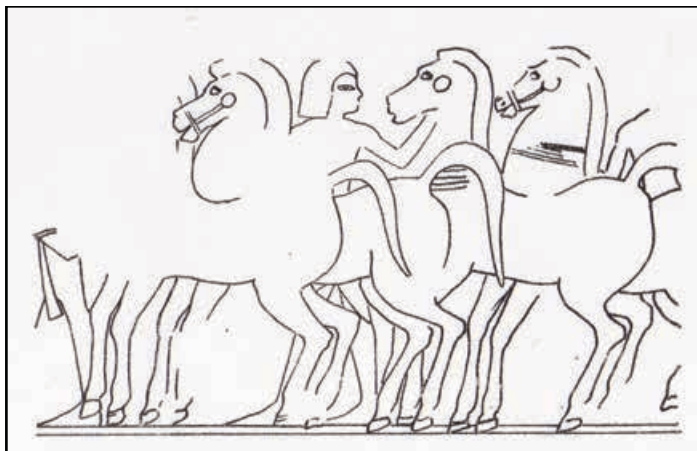


Fig. 4.122
AM III (3) TT 91 Anonymous A
Wreszinski (1988) *Atlas zur
altaegyptischen
Kulturgegeschichte*, 1 pl. 290.

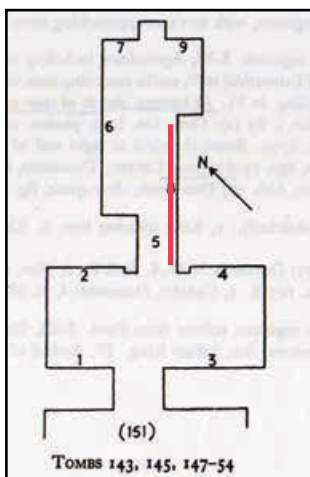


Fig. 4.123
AM III (4) TT 151 Heti
PM 1 (1) 261-262 (8)
(Chariot only - no image available)

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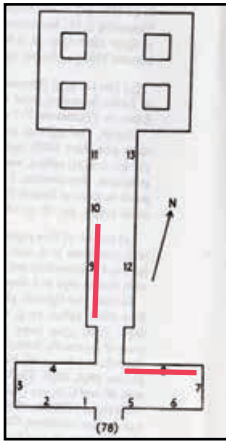


Fig. 4.124
AM III (5) TT 78 Haremheb
PM 1 (1) 152-156 (8,9)

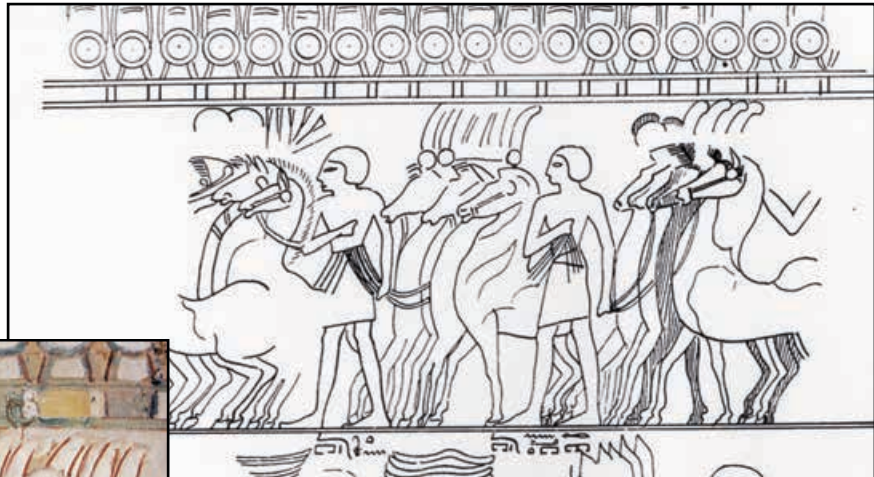


Fig. 4.125
AM III (5) TT 78
Haremheb:
Brack & Brack (1980) *Das Grab des Haremheb.*
Theben Nr.
78. pl.9

Fig. 4.126
AM III (5) TT 78 Haremheb
Brack & Brack (1980) *Das Grab des Haremheb.*
Theben Nr.
78. pl.87.



Fig. 4.127
AM III (5) TT 78 Haremheb
Brack & Brack (1980) *Das Grab des Haremheb.* Theben
Nr. 78. pl.61



Fig. 4.128
AM III (5) TT 78
Haremheb
Brack & Brack
(1980) *Das Grab des Haremheb.*
Theben Nr.
78. pl.54.

b Rückkehr von Abydos, Szene 11.1

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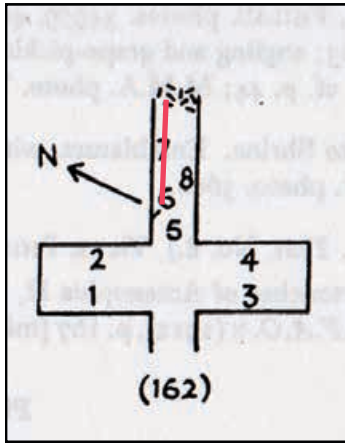


Fig. 4.129
AM III (6) TT 162 Kenamun
PM 1 (1) 275-276 (7)

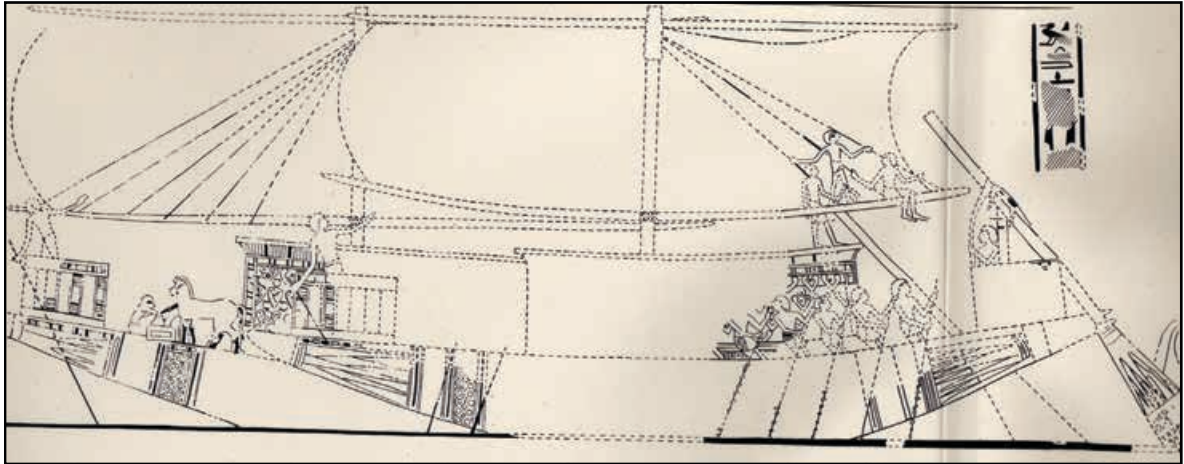


Fig. 4.130
AM III (6) TT 162 Kenamun
Davies (1963) *Scenes from Some Theban Tombs* (Nos. 38, 66, 162, with excerpts from 81) (*Private Tombs at Thebes*,4), pl.18.



Fig. 4.131
AM III (6) TT 162 Kenamun
Davies (1963) *Scenes from Some Theban Tombs* (Nos. 38, 66, 162, with excerpts from 81) (*Private Tombs at Thebes*,4) pl. 18.

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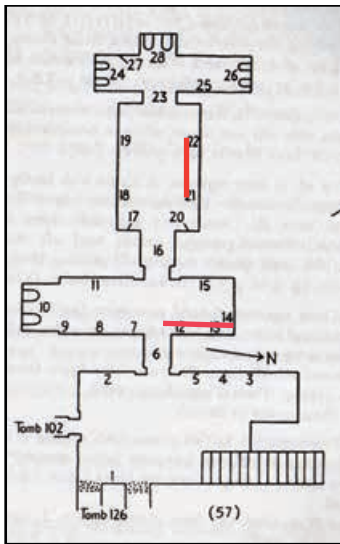


Fig. 4.132
AM III (7) TT 57 Khaemhat
PM 1 (1) 113-119

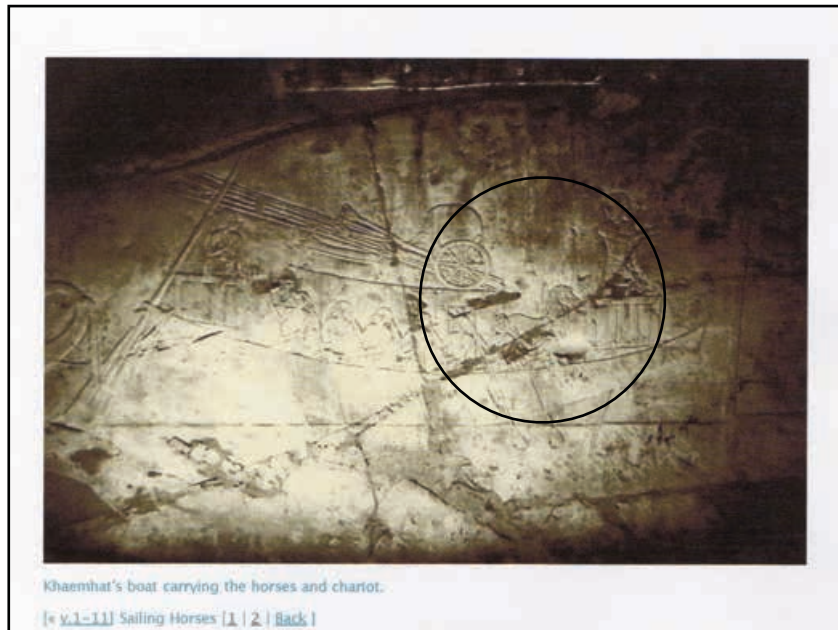


Fig. 4.133
AM III (7) (B) TT 57 Khaemhat
www.nilemuse.com/muse/KhaemhatBarq.html#towboat



Fig. 4.134
AM III (7) (A) TT 57
Khaemhat
Siliotti (1996)
Guide to the Valley of the Kings
114.

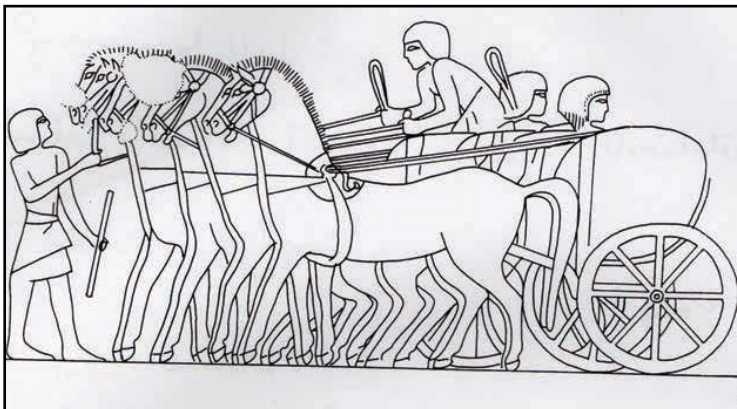


Fig. 4.135
AM III (7) TT 57 Khaemhat
Rommelaere (1991) *Les chevaux du Nouvel Empire égyptien*, 191, pl. 55a.

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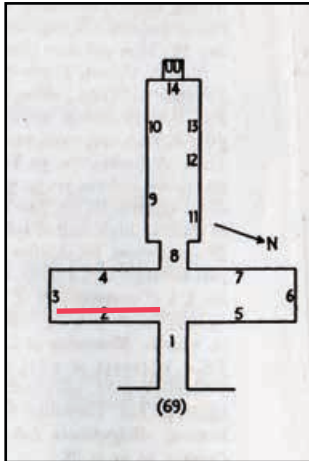


Fig. 4.136
AM III (8) TT 69 Menna
PM 1 (1) 134 -139 (2)



Fig. 4.137
AM III (8) TT 69 Menna
David & Archbold (2000) *Conversations with Mummies*, 142.



Fig. 4.138
AM III (8) TT 69 Menna
Rommelaere (1991) *Les chevaux du Nouvel Empire égyptien*, 191, pl. 3.

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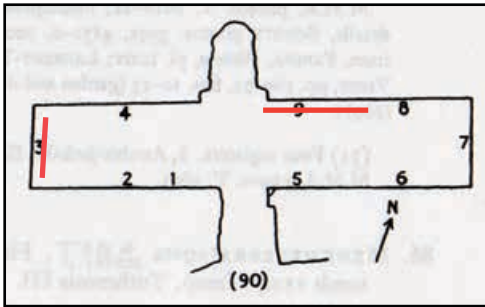


Fig. 4.139
AM III (9) TT 90 Nebamun
PM 1 (1) 183-185 (3,9)



Fig. 4.140
AM III (9) TT 90 Nebamun
Davies (1923) *The Tombs of Two Officials of Thutmose the Fourth. (Nos. 75 and 90)*, pl. 28



Fig. 4.141
AM III (9) TT 90 Nebamun
Davies (1923) *The Tombs of Two Officials of Thutmose the Fourth. (Nos. 75 and 90)*, pl.29.



Fig. 4.142
AM III (9) TT 90 Nebamun
Davies (1923) *The Tombs of Two Officials of Thutmose the Fourth. (Nos. 75 and 90)*, pl. 25.

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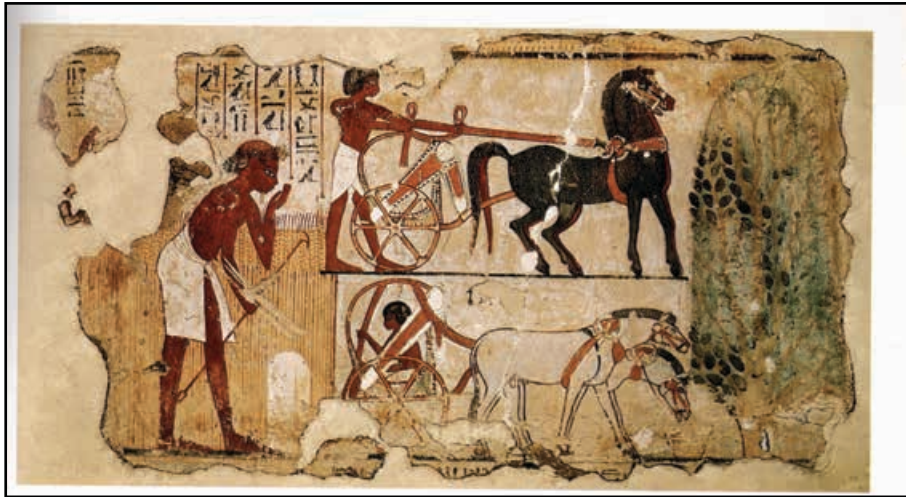


Fig. 4.143
AM III (10)
Nebamun
(Lost tomb,
fragments
only)BM 37982.



Fig. 4.144
AM III (10) Nebamun
James (1986) *Egyptian
Painting*, pl. 32.

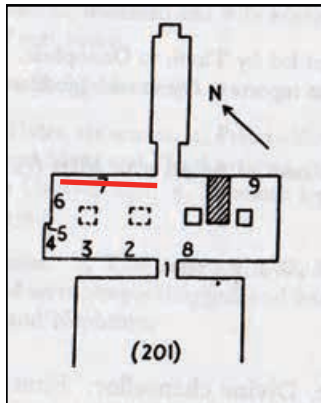


Fig. 4.145
AM III (11) TT 201 Re'a
PM 1 (1) 304-305

Fig. 4.146
AM III (11) TT 201 Re'a
Redford & Redford (1994) *The
Akhenaten Temple Project. 4 The
Tomb of Re'a*, pl. 23.



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Fig. 4.147a
AM III (12)
Amenhotep III
Aldred (1961)
New Kingdom Art,
fig. 94.



Fig. 4.147b
AM III (12)
Amenhotep III
Fletcher (2000) *Egypt's Sun King*, 63.



Fig. 4. 148
AM III (13)
MMA 26.7.1293

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AM IV (1) Akhenaten Temple Karnak
PM 2, 53, 39-40, 182.

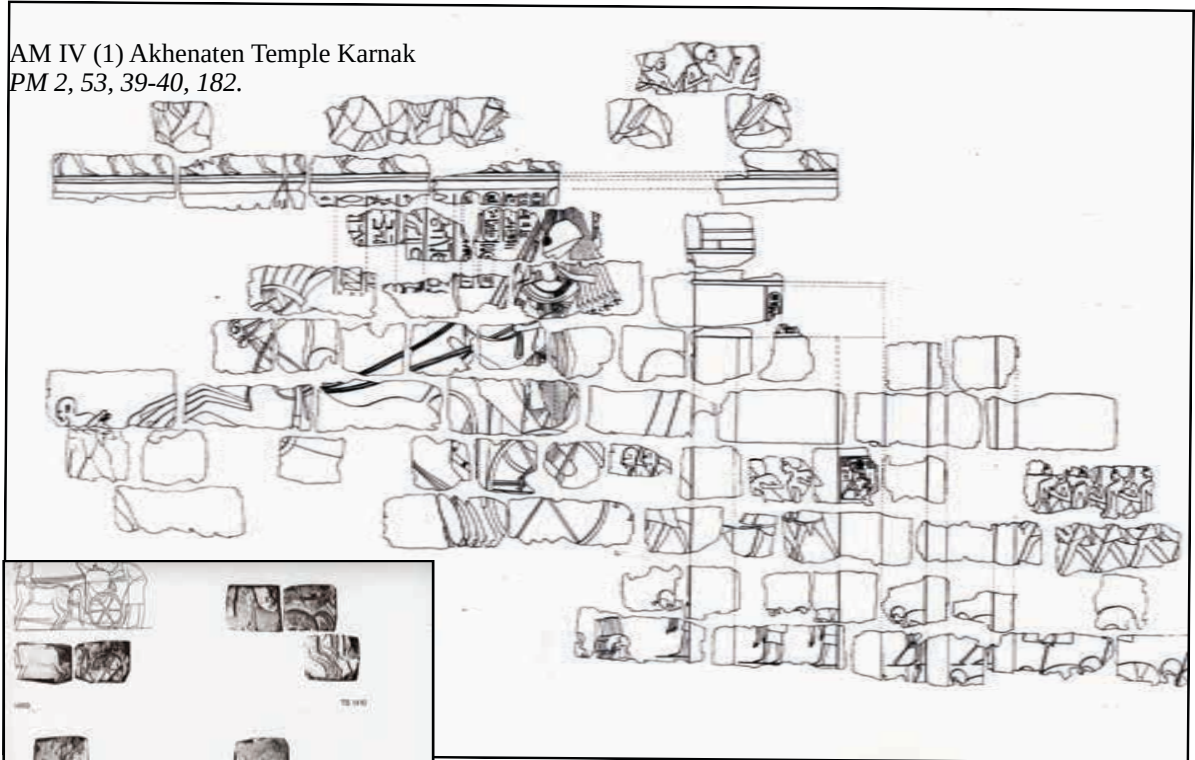


Fig. 4.149
Lauffray (1979) *Karnak d'Égypte*,
domaine du divin, fig. 140.

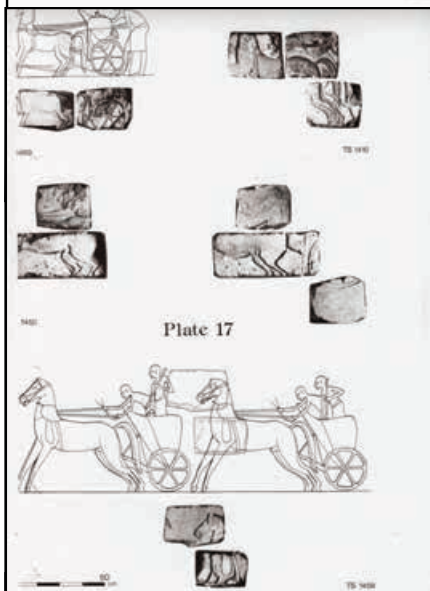


Fig. 4.150
Redford(1988) *The Akhenaten Temple Project. Vol 2: Rwd-mnw, Foreigners and Inscriptions*, pl. 17

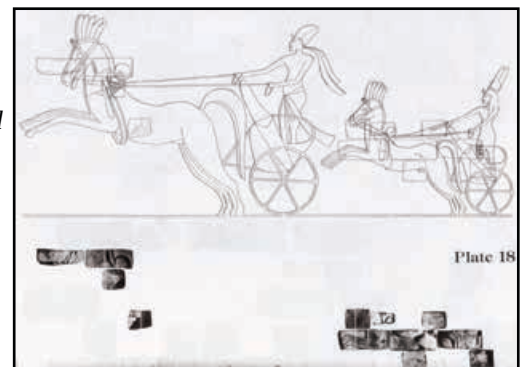


Fig. 4.151
Redford (1988) *The Akhenaten Temple Project. Vol 2: Rwd-mnw, Foreigners and Inscriptions*, pl. 18.

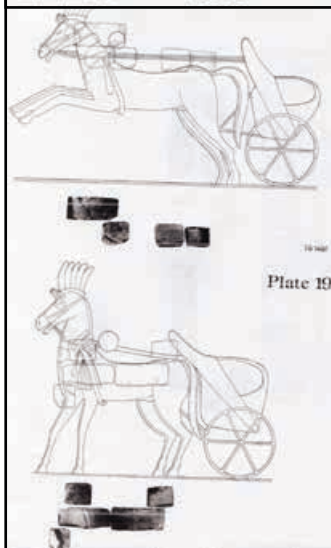


Fig. 4.152
Redford (1988) *The Akhenaten Temple Project. Vol 2: Rwd-mnw, Foreigners and Inscriptions*, pl. 19.

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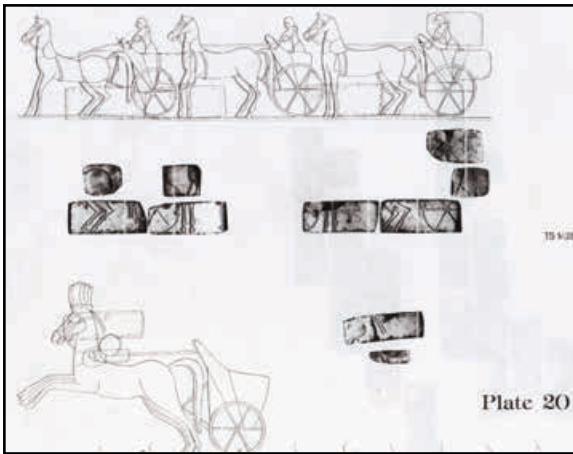


Fig. 4.153
Redford (1988) *The Akhenaten Temple Project*.
Vol 2: *Rwd-mnw, Foreigners and Inscriptions*, pl.
20.

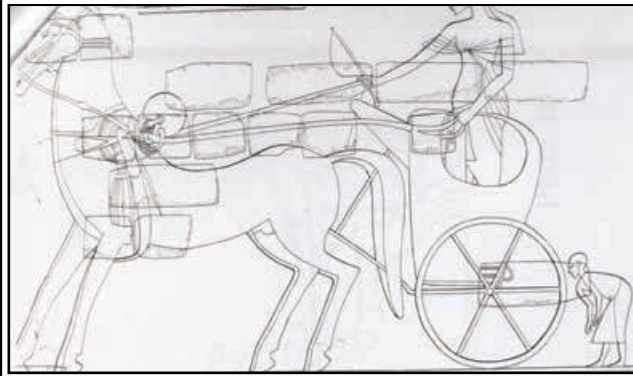


Fig. 4.154
Redford (1988) *The Akhenaten Temple Project*.
Vol 2: *Rwd-mnw, Foreigners and Inscriptions*, pl.
35.



Fig. 4.155
Redford (1988) *The Akhenaten Temple Project*. Vol 2: *Rwd-mnw, Foreigners and Inscriptions*, pl. 37.

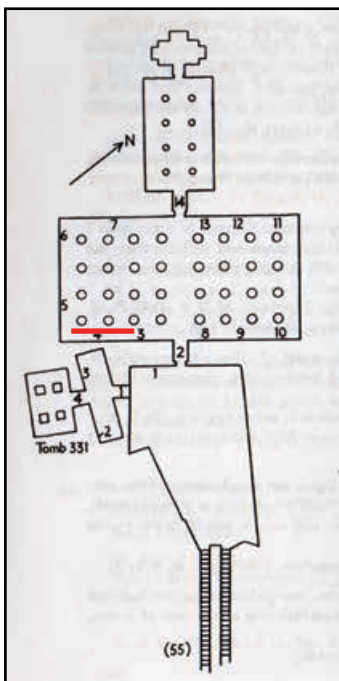


Fig. 4.156
AM IV (2) TT 55 Ramose
PM 1 (1) 105 -111



Fig. 4.157
Germond & Livet
(2001) *An Egyptian
Bestiary*, pl. 135.



Fig. 4.158
www.osirisnet.net/tombes/nobles/ramose/e_ramose.htm
View 12.



Fig. 4.159
AM IV (3) Head of a Horse
Freed (1999) *Pharaohs of the Sun*, pl. 124.

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AM IV (4) Amarna Relief

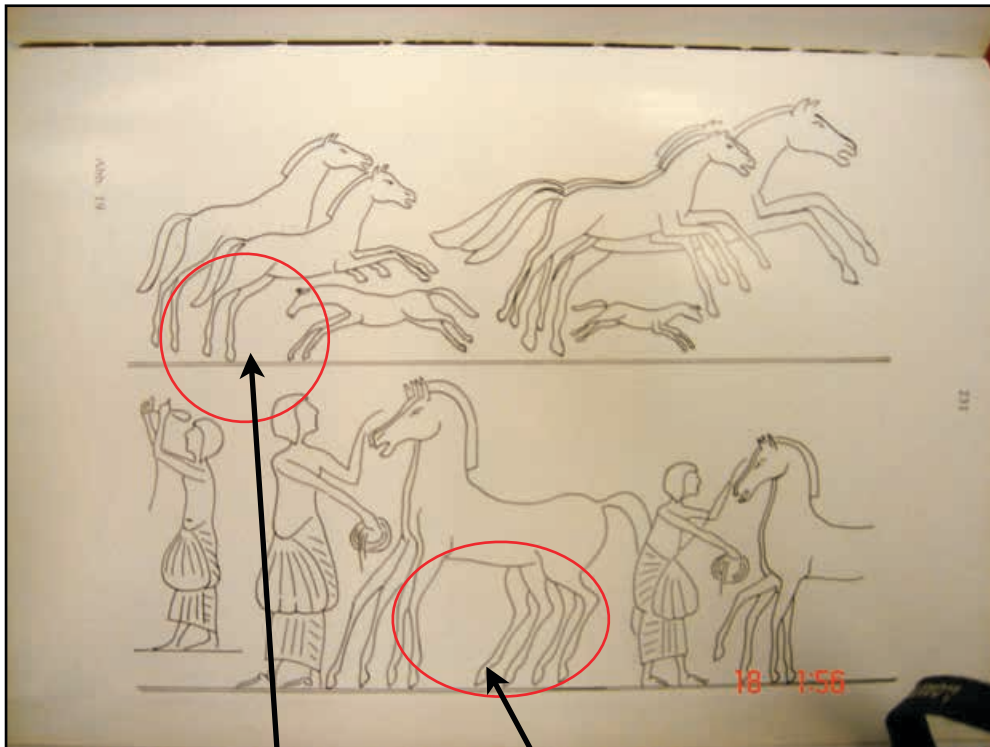


Fig. 4.160
Hanke (1978) *Amarna-Reliefs aus Hermopolis; neue Veröff.u. Studien*, 231.

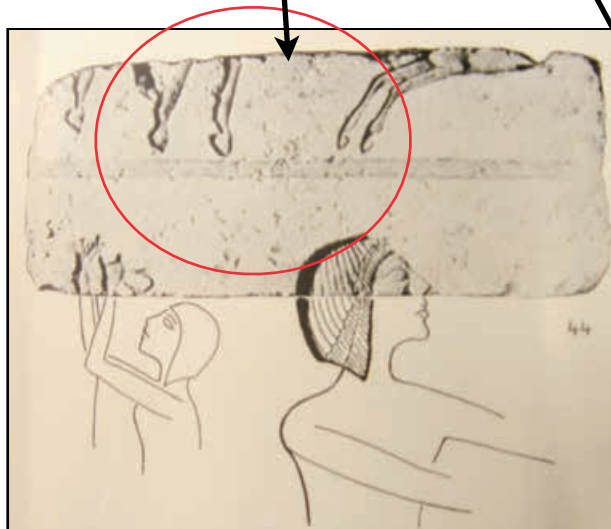


Fig. 4.161
Hanke (1978) *Amarna-Reliefs aus Hermopolis; neue Veröff.u. Studien*, 230.

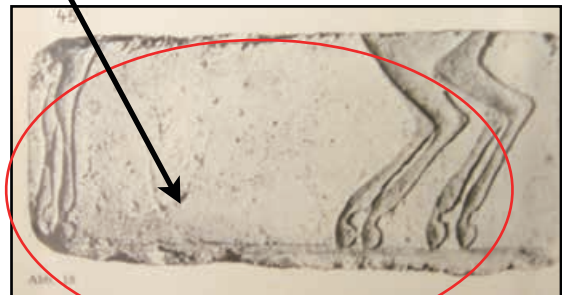


Fig. 4.162
Hanke (1978) *Amarna-Reliefs aus Hermopolis; neue Veröff.u. Studien*, 230.

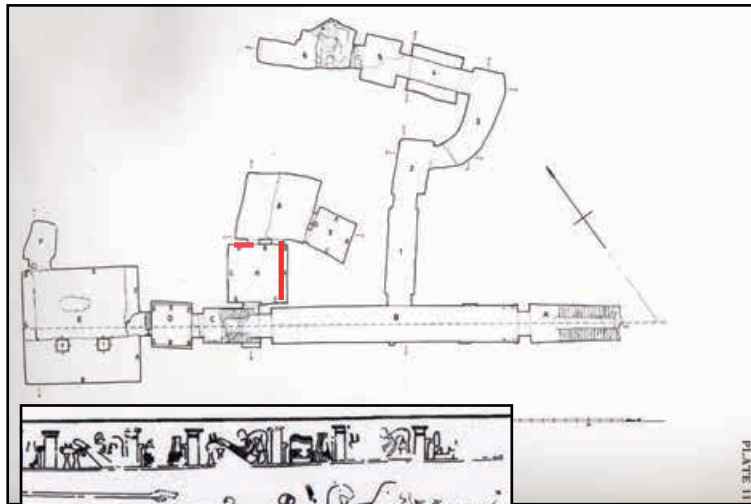


Fig. 4.163
AM IV (5) Amenhotep IV /
Akhenaten
PM 4, 235 (7, 9-10)
Martin(1989)) *The Royal Tomb at*
El-'Amarna. The Rock Tombs of El
'Amarna, pl.11.
Part VII, pl. 34.

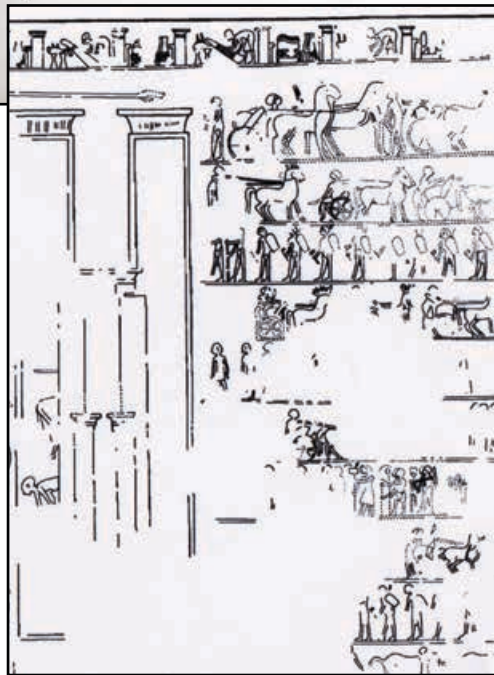


Fig. 4.164
AM IV (5) Amenhotep IV/ Akhenaten
Martin(1989)) *The Royal Tomb at El-'Amarna.*
The Rock Tombs of El 'Amarna,
Part VII, pl. 34. Room Alpha, Wall A.

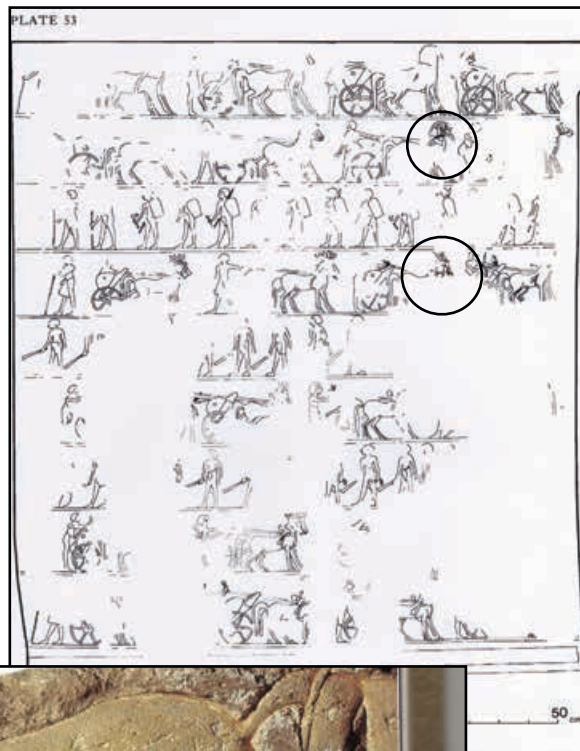


Fig. 4.165
AM IV (5) Amenhotep IV/ Akhenaten
Martin(1989)) *The Royal Tomb at El-'Amarna.*
The Rock Tombs of El 'Amarna,
Part VII, pl. 53. Room Alpha Wall D.



Fig. 4.166
AM IV (6) Amenhotep IV/ Akhenaten
brown (ed.) (1992) *Egypt: Land of the Pharaohs*, 97.

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Fig. 4.167
AM IV (7) Amenhotep IV/ Akhenaten
Freed (1999) *Pharaohs of the Sun*, pl.223.



Fig. 4.168
AM IV (8) Amenhotep IV/ Akhenaten
Freed (1999) *Pharaohs of the Sun*, pl. 123.



Fig. 4.169
AM IV (9) Amenhotep IV/ Akhenaten
Egyptian Archaeology 24 (2004) 13.

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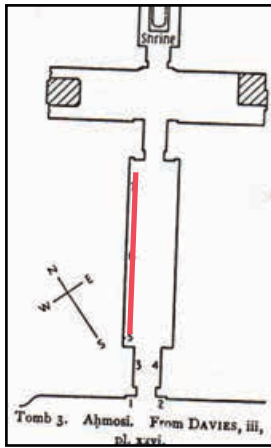


Fig. 4.170
AM IV (10) Amarna (AN3) Ahmose
PM 4, 214 (7, 9-10)



Fig. 4.171
AM IV (10) AN3 Ahmose
Davies (1905) *The Rock Tombs of El-Amarna*.
Part III. Smaller Tombs and Boundary Stelae.
pl.32a.

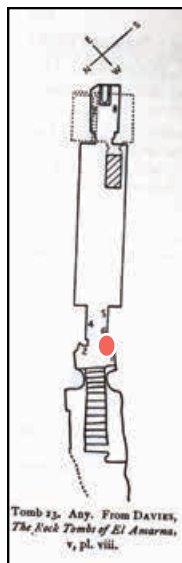
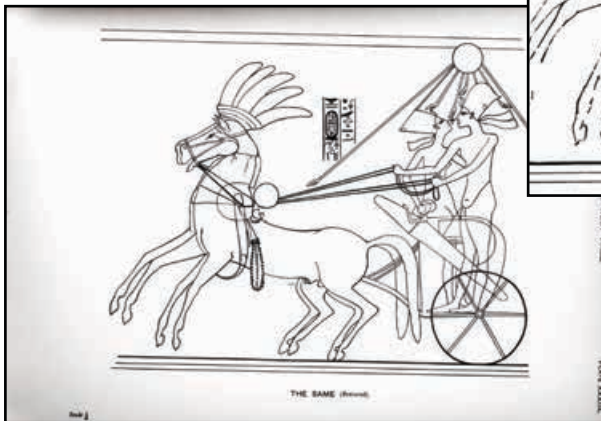


Fig. 4.172
AM IV (11) (AS 23) Any- Stele
of Thay
PM 4, 227 -228 (1)



Fig. 4.173
AM IV (11) (AS 23) Any- Stele of Thay
Cotterell (2004) *Chariot*, 78.



Fig. 4.174
AM IV (11) (AS 23) Any- Stele of Thay
Ziegler (2002) *The Pharaohs*, Catalogue pl. 109.

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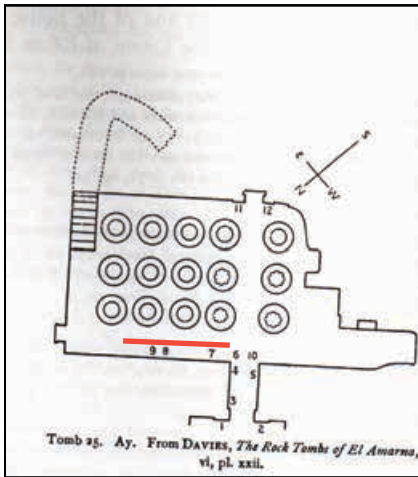


Fig. 4.175
AM IV (12) (AS 25) Ay
PM 4, 228-230 (6-8,9)



Fig. 4.176
Davies (1908) *The Rock Tombs of El-Amarna. Part VI. The Tombs of Parennefer, Tutu and Ay*, pl. 25

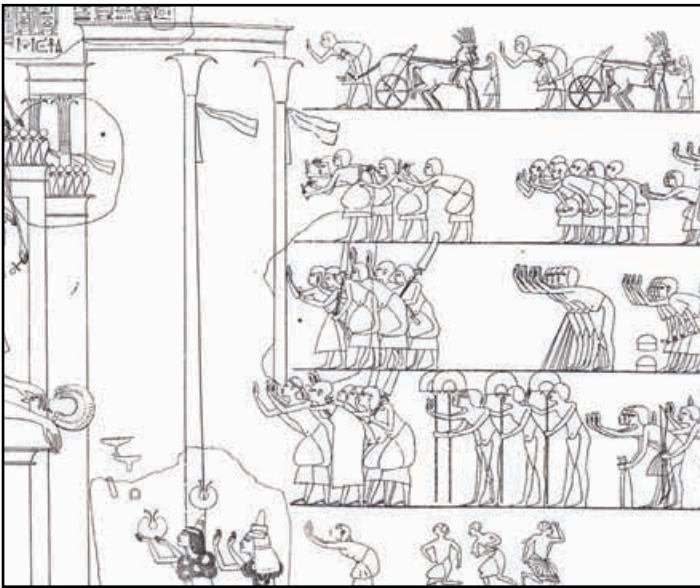


Fig. 4.177
Davies (1908) *The Rock Tombs of El-Amarna. Part VI. The Tombs of Parennefer, Tutu and Ay*, pl. 29.

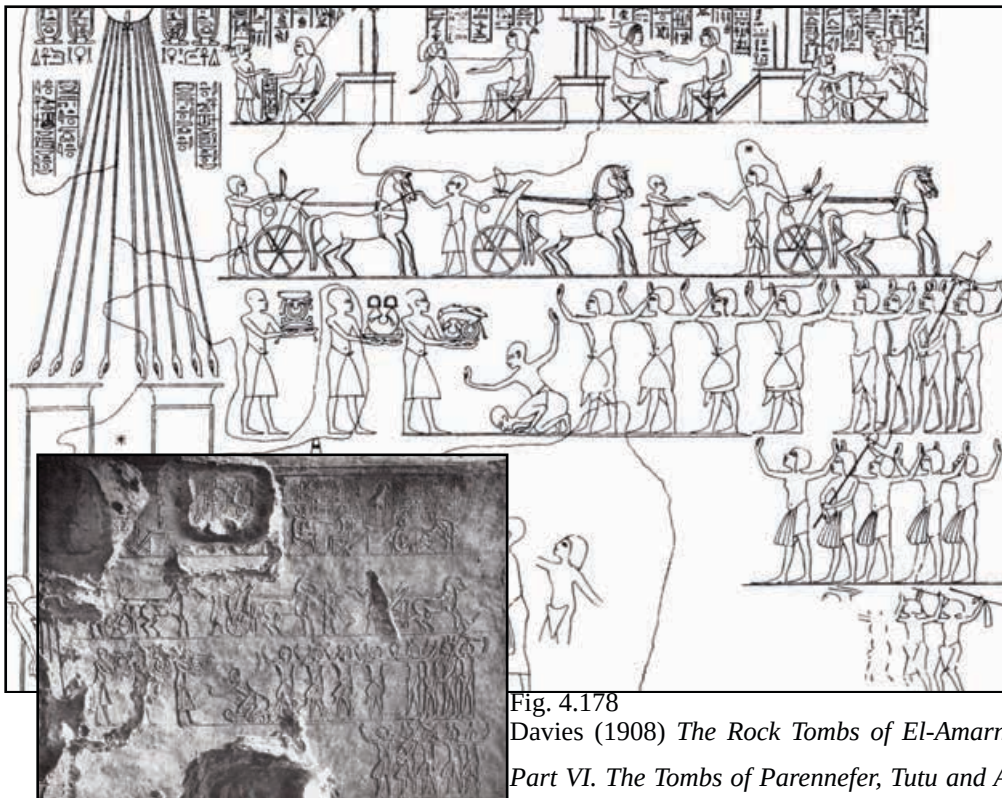


Fig. 4.178
Davies (1908) *The Rock Tombs of El-Amarna. Part VI. The Tombs of Parennefer, Tutu and Ay*, pl. 30.

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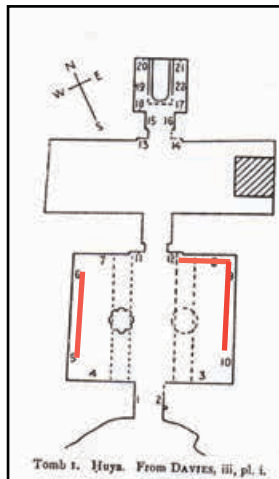


Fig. 4.179
AM IV (13) (AN 1) Huya
PM 4, 211-112 (5-6, 8, 9-10)

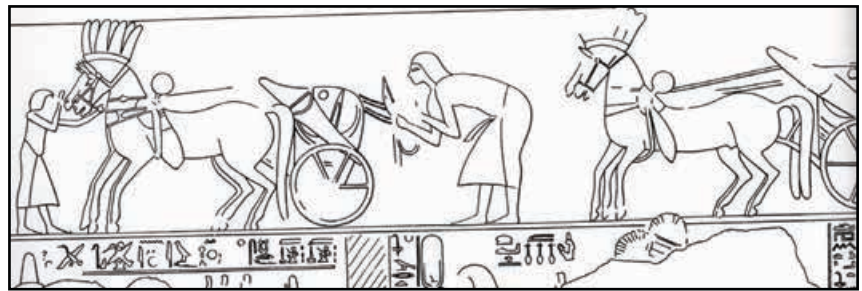


Fig. 4.180
Davies (1905) *The Rock Tombs of El Amarna. Part III. The Tombs of Huya and Ahmes*, pl. 8.

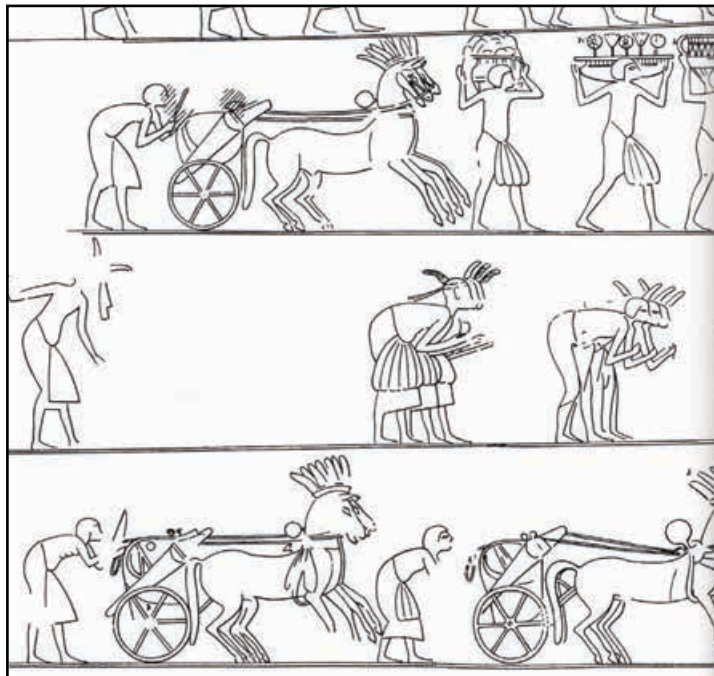


Fig. 4.181
Davies (1905) *The Rock Tombs of El Amarna. Part III. The Tombs of Huya and Ahmes*, pl. 14.

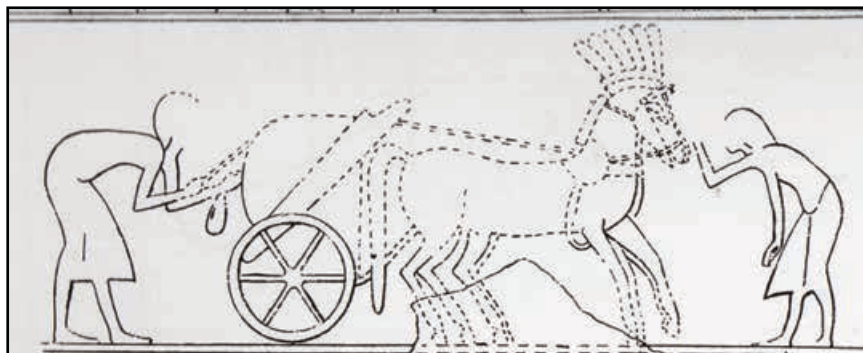


Fig. 4.182
Davies (1905) *The Rock Tombs of El Amarna. Part III. The Tombs of Huya and Ahmes*, pl. 17.

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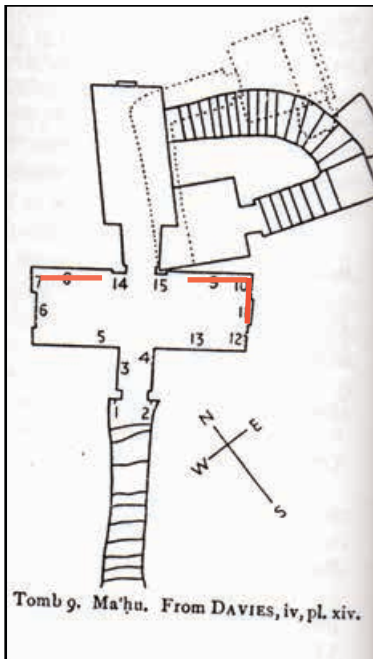


Fig. 4.183
AM IV (14) (AS 9)
Mahu
PM 4, 222 -223 (8,
9-10,11)

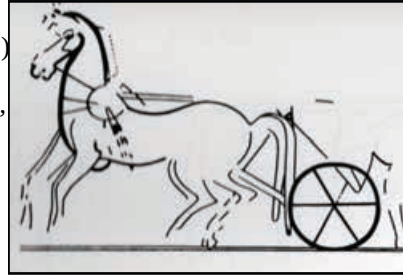


Fig. 4.184
Davies(1906)
*The Rock
Tombs of El-
Amarna. The
Tombs of
Penthu,
Mahu and
Others.Part
IV. pl.17.*

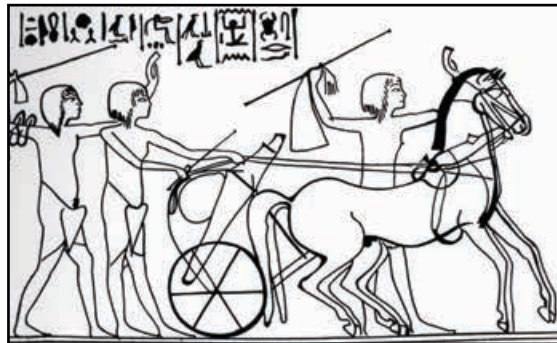


Fig. 4.185
Davies(1906)
*The Rock Tombs
of El-Amarna.
The Tombs of
Penthu, Mahu
and Others.Part
IV. pl.19.*



Fig. 4.186a, b.
Davies(1906) *The Rock Tombs of El-Amarna. The Tombs of Penthu, Mahu and Others.Part
IV. pls.(12c) & 20.*

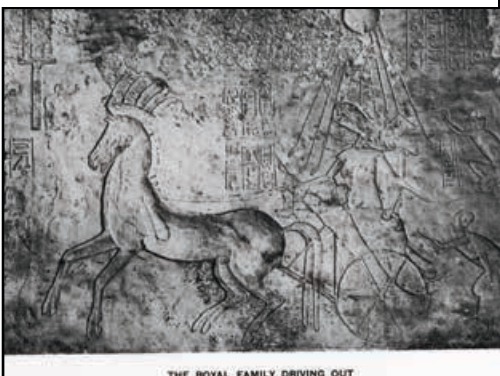


Fig. 4.187a,b
Davies(1906) *The Rock Tombs of El-
Amarna. The Tombs of Penthu, Mahu
and Others.Part IV. pls. 41 & 22.*



Fig. 4.188
Davies(1906) *The Rock Tombs of El-Amarna. The
Tombs of Penthu, Mahu and Others.Part IV. pl.26*

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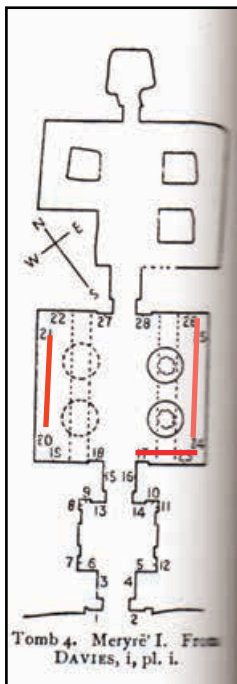


Fig. 4.189
AM IV (15) (AN 4) Meryra I
PM 4, 214-217 (8, 9-10, 11)

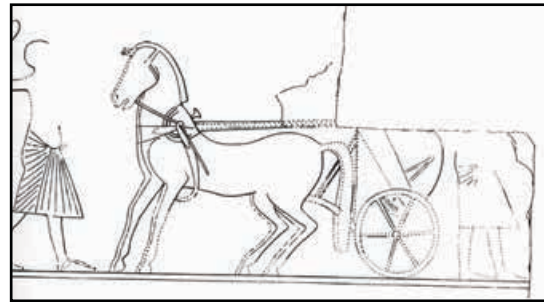


Fig. 4. 190
Davies (1903) *The Rock Tombs of El-Amarna. Part 1. The Tomb of Meryra*, pl.6.

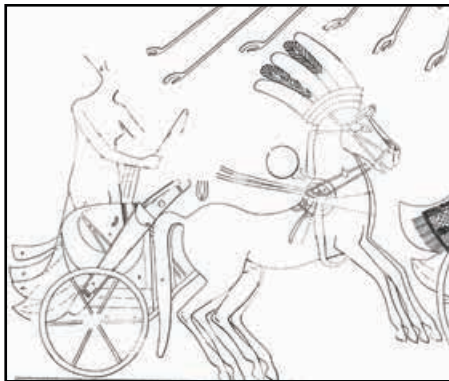


Fig. 4.192
Davies (1903) *The Rock Tombs of El-Amarna. Part 1. The Tomb of Meryra*, pl.17.

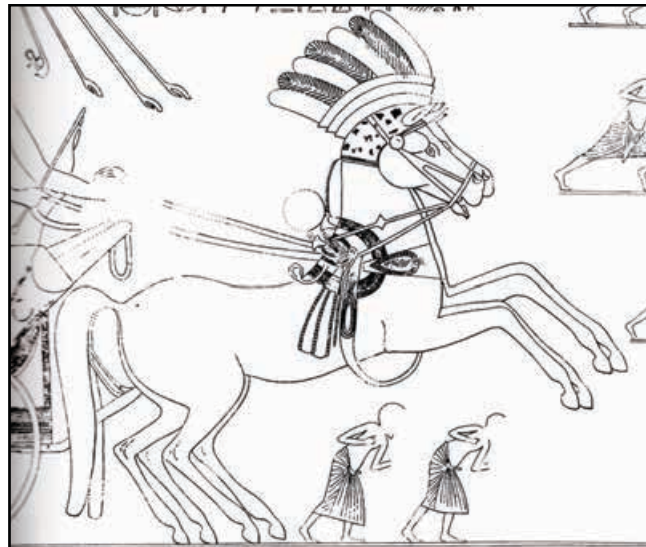


Fig. 4.191
Davies (1903) *The Rock Tombs of El-Amarna. Part 1. The Tomb of Meryra*, pl.17.



Fig. 4.193
Davies (1903) *The Rock Tombs of El-Amarna. Part 1. The Tomb of Meryra*, pl.19.

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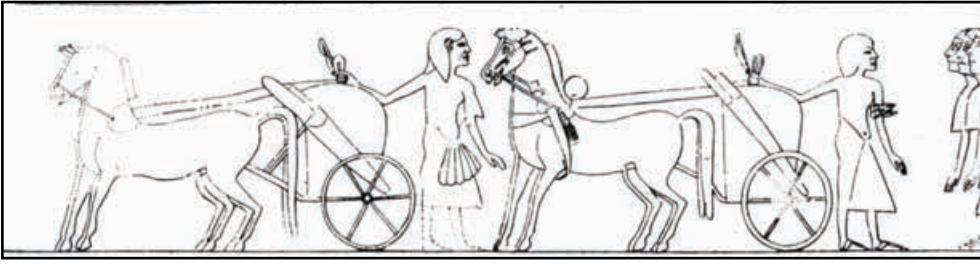


Fig. 4.194

Davies (1903) *The Rock Tombs of El-Amarna. Part 1. The Tomb of Meryra*, pl.22.



Fig. 4.195

Davies (1903) *The Rock Tombs of El-Amarna. Part 1. The Tomb of Meryra*, pl.25.



Fig. 4.197

AM IV (16) (AN 4) Meryra I
Davies (1903) *The Rock Tombs of El-Amarna. Part 1. The Tomb of Meryra*, pl.29.



Fig. 4.196

Davies (1903) *The Rock Tombs of El-Amarna. Part 1. The Tomb of Meryra*, pl.32.

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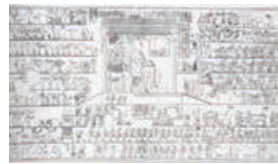
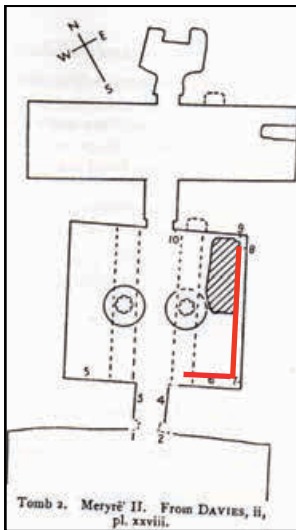


Fig. 4.198
AM IV (17)
(AN
2)Meryra II
PM 4,

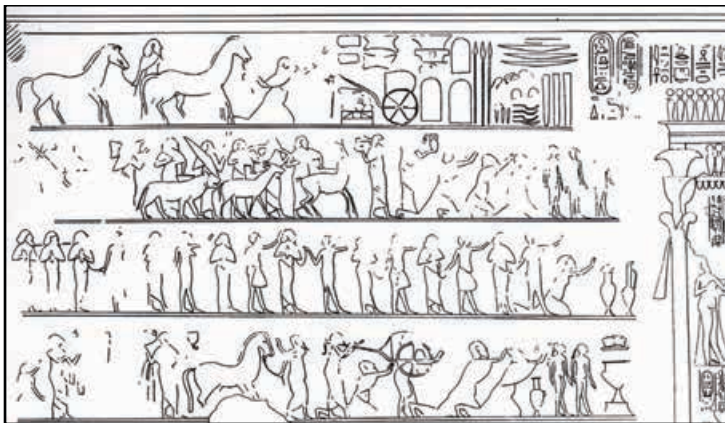


Fig. 4.200
Davies (1905) *The Rock Tombs of El-Amarna. Part II. The Tombs of Panhesy and Meryra II*, pl.37.

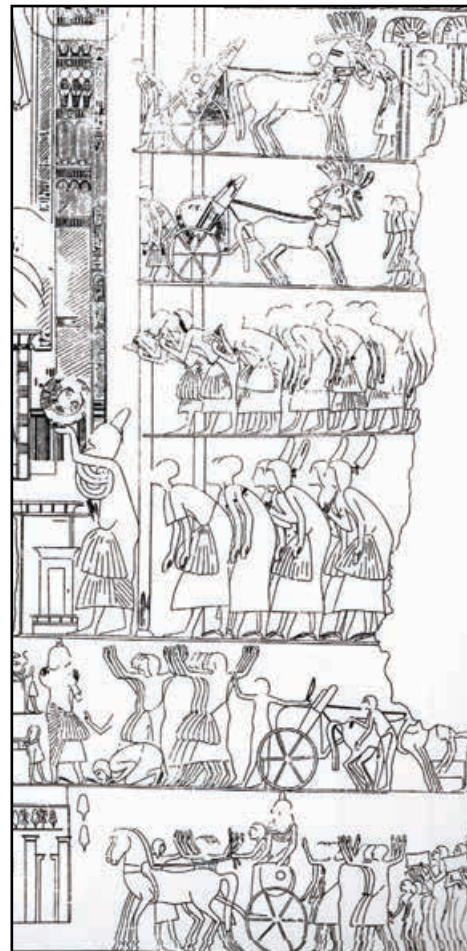


Fig. 4.199
Davies (1905) *The Rock Tombs of El-Amarna. Part II. The Tombs of Panhesy and Meryra II*, pl.33.

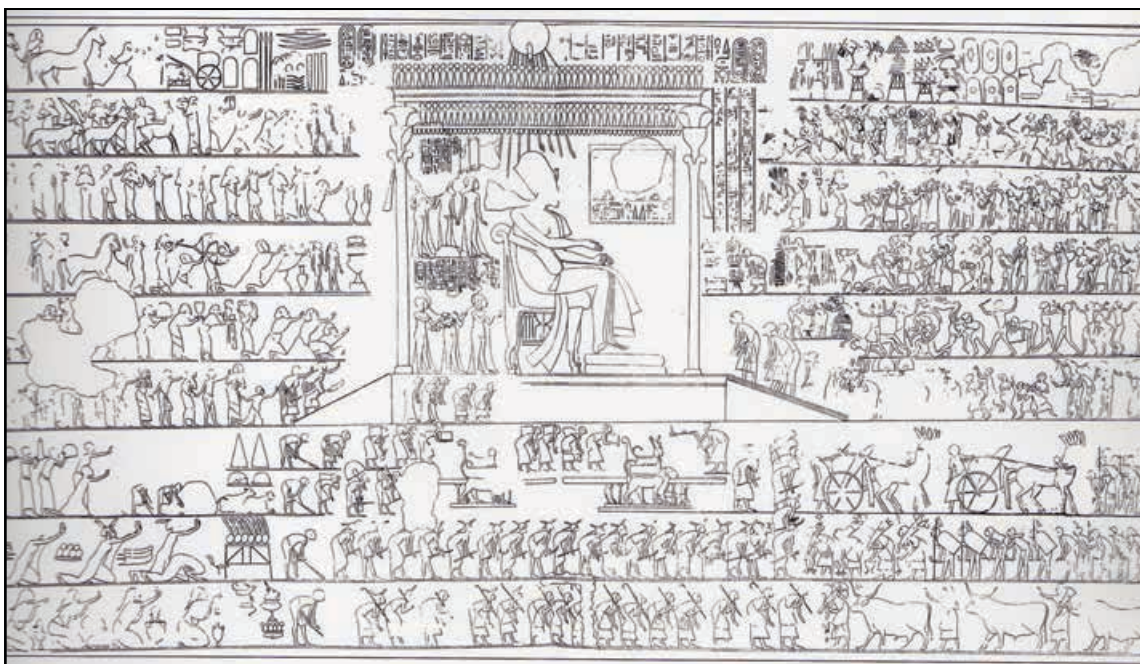


Fig. 4.201
Davies (1905) *The Rock Tombs of El-Amarna. Part II. The Tombs of Panhesy and Meryra II*, pl. 37.

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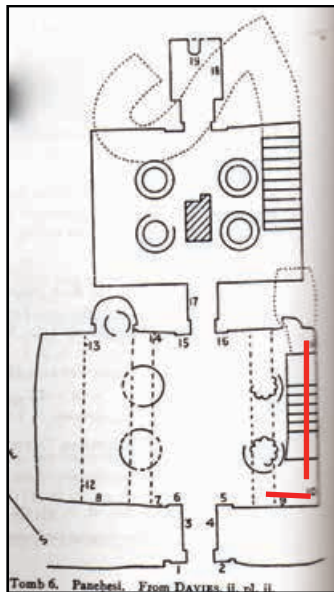


Fig. 4.202
AM IV (18) (AN 6) Panhesy
PM 4, 218-219 (9, 10-11)

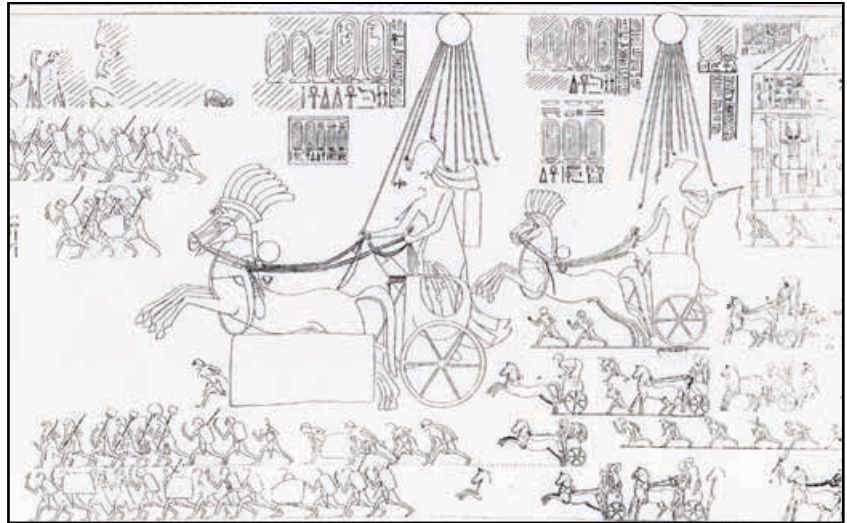


Fig. 4.203
Davies (1905) *The Rock Tombs of El-Amarna. Part II. The Tombs of Panhesy and Meryra II*, pl. 13.



Fig. 4.205
Davies (1905) *The Rock Tombs of El-Amarna. Part II. The Tombs of Panhesy and Meryra II*, pl. 13.

Fig. 4.204
Davies (1905) *The Rock Tombs of El-Amarna. Part II. The Tombs of Panhesy and Meryra II*, pl. 13.

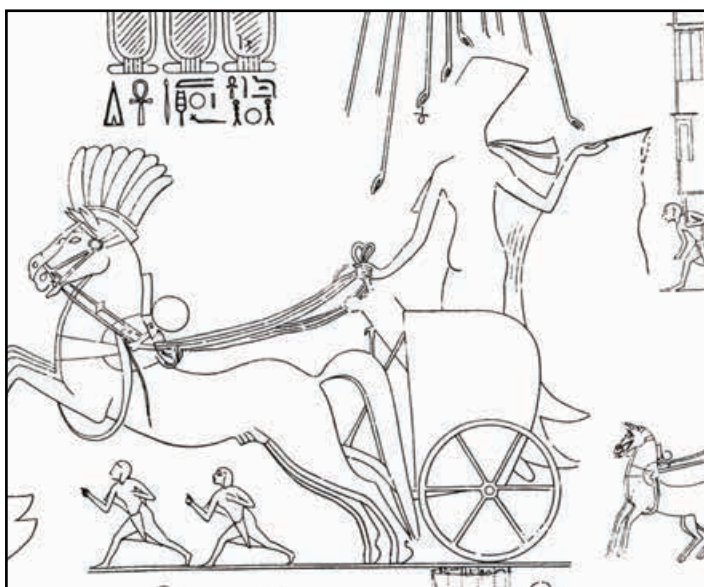


Fig. 4.206
Davies (1905) *The Rock Tombs of El-Amarna. Part II. The Tombs of Panhesy and Meryra II*, pl. 13.

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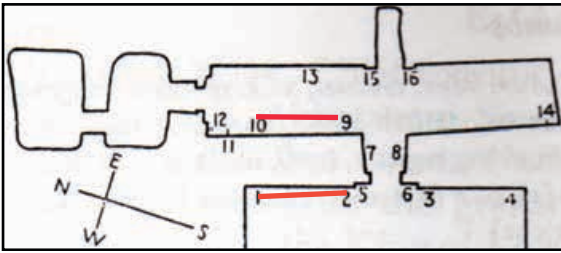


Fig. 4.207
AM IV (19) (AS 7) Parennefer
PM 4, 219-221 (1-2, 9-10)



Fig. 4.208
Davies (1908) *The Rock Tombs of El Amarna. Part VI. The Tombs of Parennefer, Tutu and Ay*, pl.2.

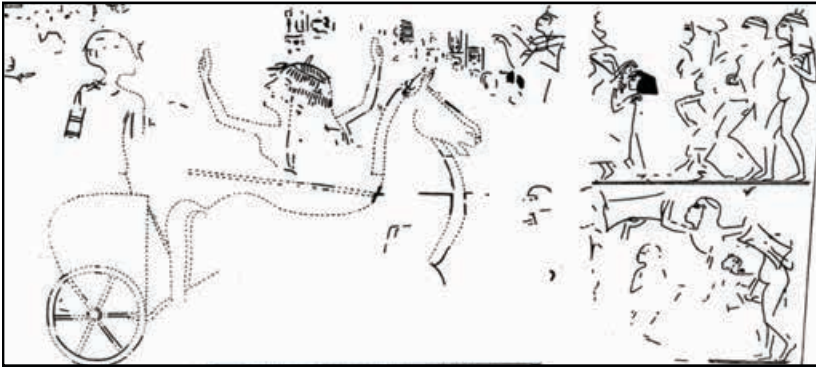


Fig. 4.209
Davies (1908) *The Rock Tombs of El Amarna. Part VI. The Tombs of Parennefer, Tutu and Ay*, pl.5.

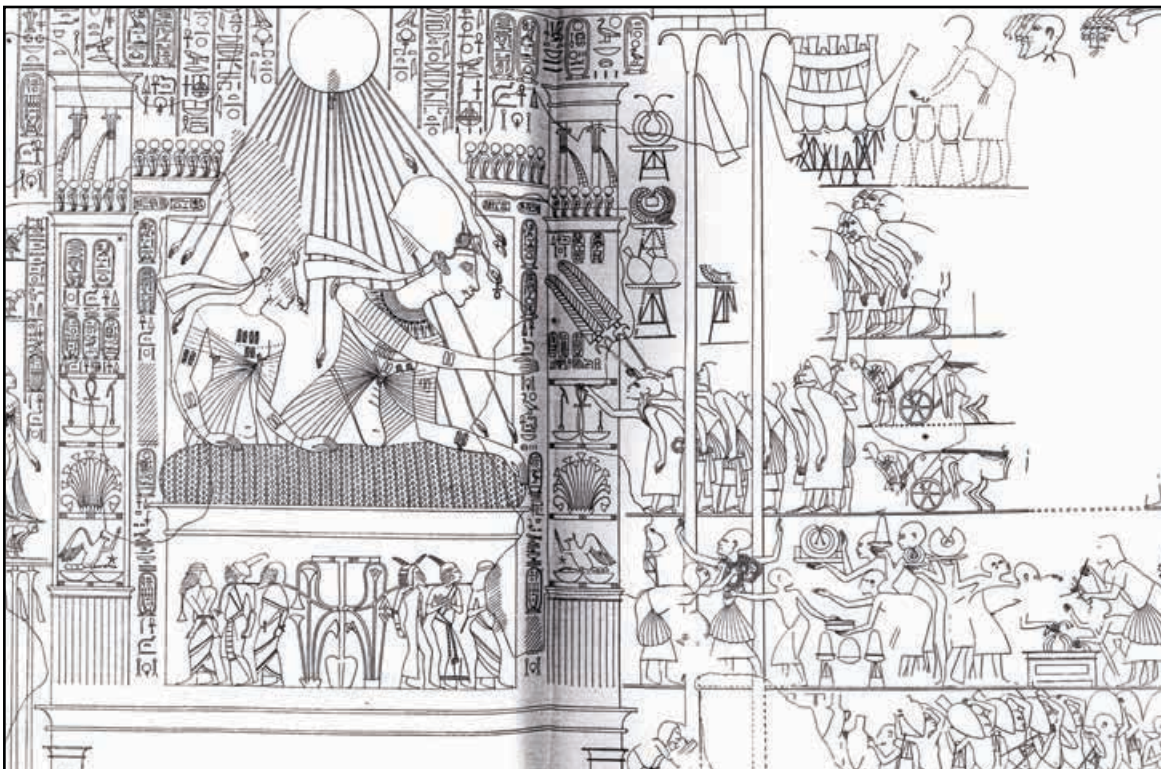


Fig. 4.210
Davies (1908) *The Rock Tombs of El Amarna. Part VI. The Tombs of Parennefer, Tutu and Ay*, pl. 4.

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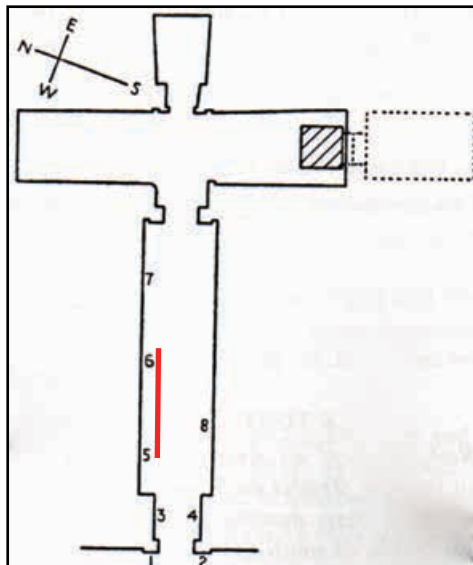


Fig. 4.211
AM IV (20) (AN 5) Penthu
PM 4, 217 (5-6)

Fig. 4.212
Davies (1906) *The Rock Tombs of El Amarna. Part IV. The Tombs of Penthu, Mahu and Others*, pl.5.

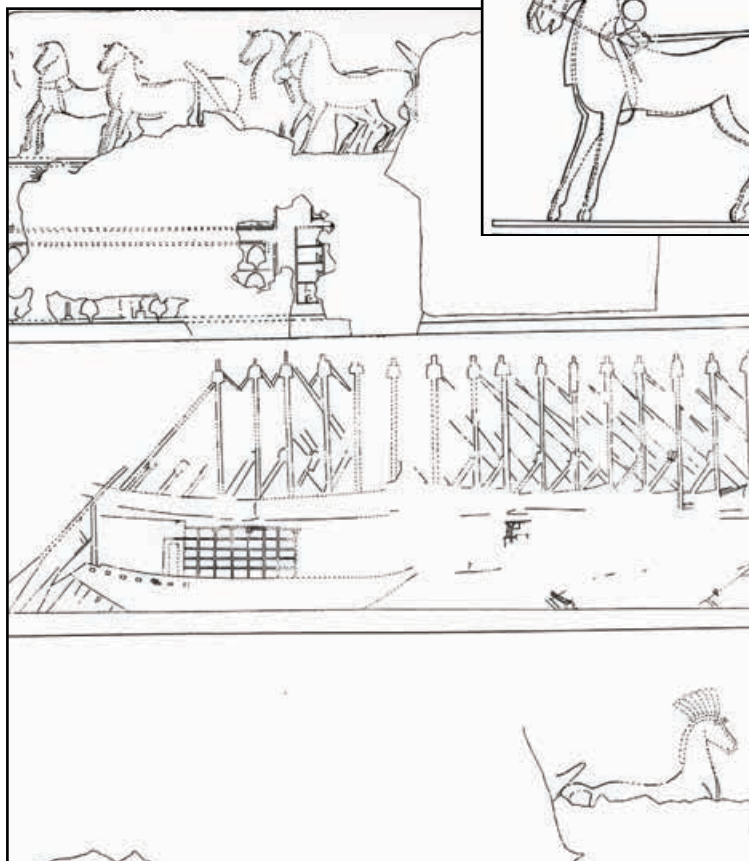
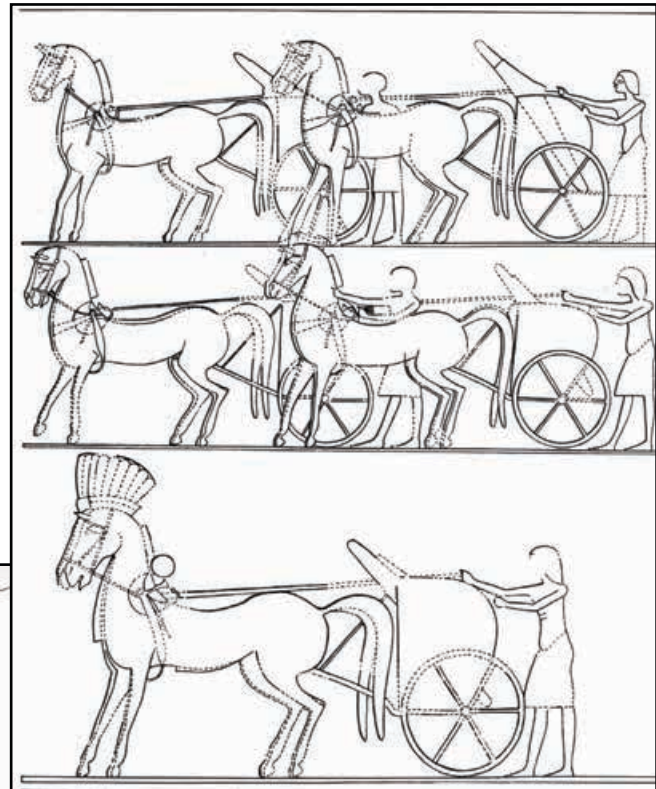


Fig. 4.213
Davies (1906) *The Rock Tombs of El Amarna. Part IV. The Tombs of Penthu, Mahu and Others*, pl. 8.

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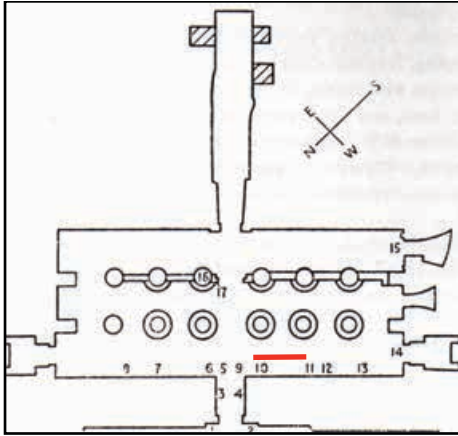


Fig. 4.214
AM IV (21) (AS 8) Tutu
PM 4, 221-222 (9-11)



Fig. 4.216
Davies (1908) *The Rock Tombs of El-Amarna. Part VI. The Tombs of Parennefer, Tutu and Ay*, pl. 19.



Fig. 4.215
Davies (1908) *The Rock Tombs of El-Amarna. Part VI. The Tombs of Parennefer, Tutu and Ay*, pl. 18.



Fig. 4.217
Davies (1908) *The Rock Tombs of El-Amarna. Part VI. The Tombs of Parennefer, Tutu and Ay*, pl. 20.

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REIGN OF TUTANKHAMUN

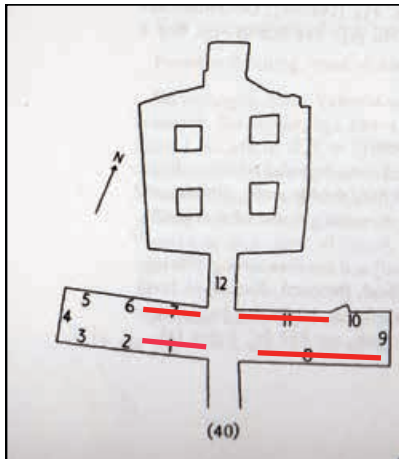


Fig. 4.218
TU (1) TT 40 Amenhotep Huy
PM 1 (1) 75 -78 (1,5,8,11)



Fig. 4. 219
Davies & Gardiner (1926) *The Tomb of Huy*, pl. 8.

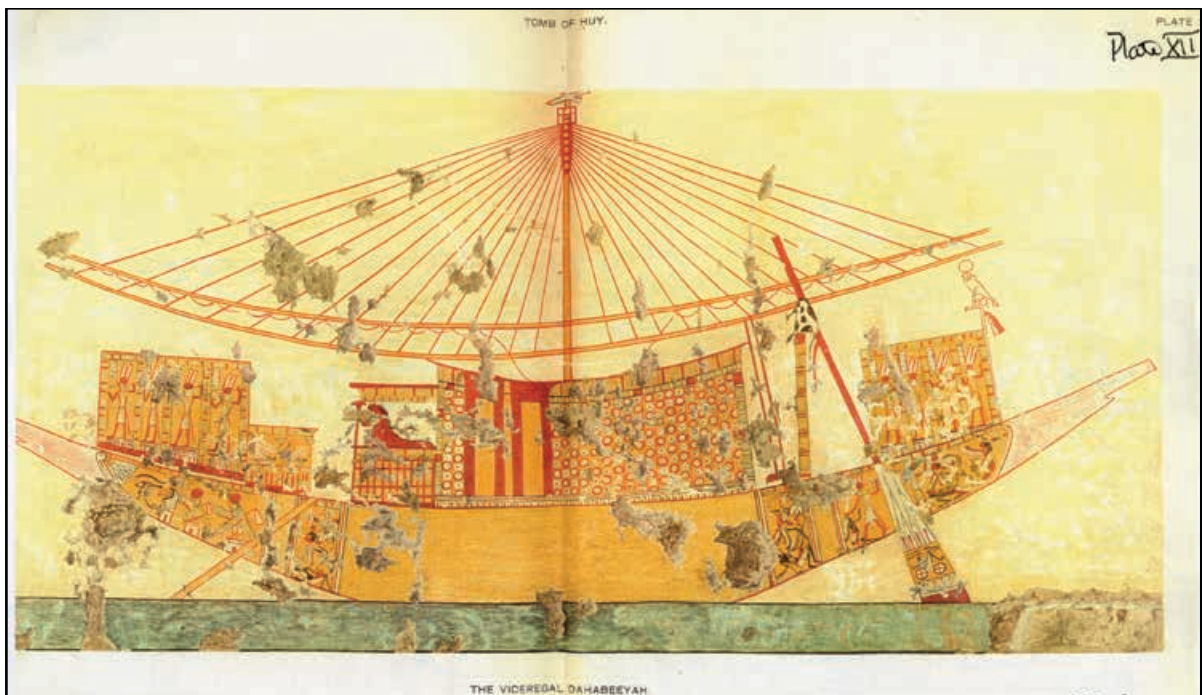


Fig. 4. 220
Davies & Gardiner (1926) *The Tomb of Huy*, pl. 12.

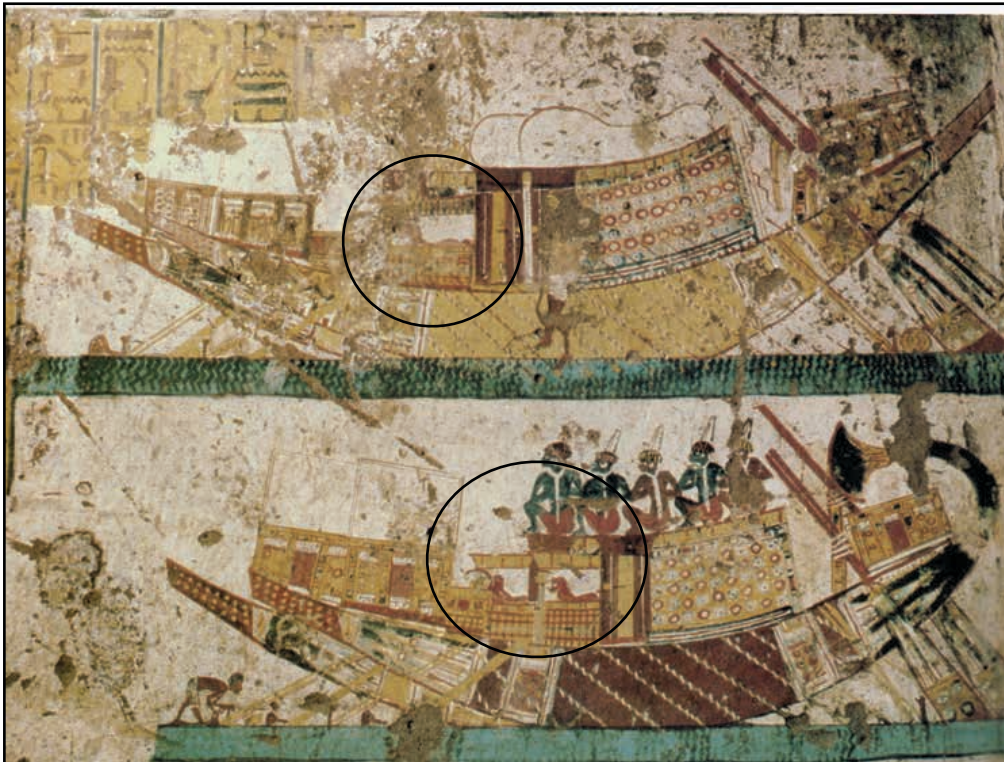


Fig. 4.221
Freed (1983)
*Egypt's Golden
Age*, 6.

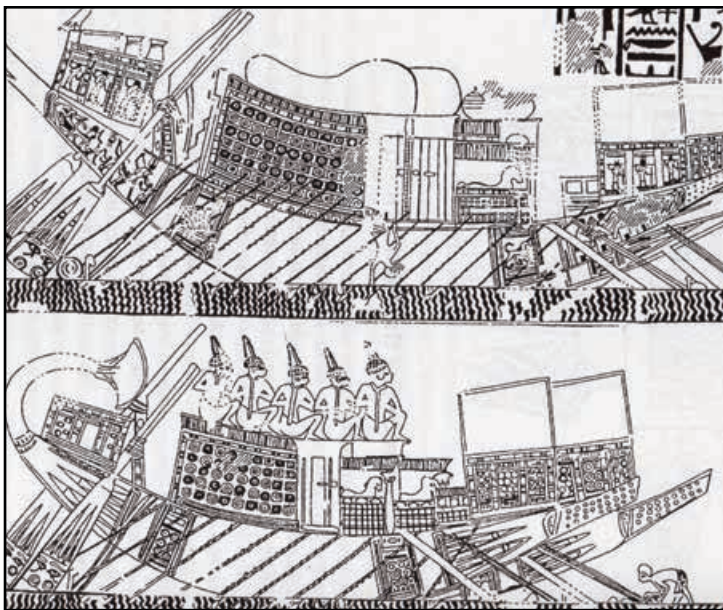


Fig. 4.222 TU (1) Amenhotep Huy
Davies & Gardiner (1926) *The Tomb of
Huy*, pl. 31.



Fig. 4.224
TU (1) Amenhotep Huy
Hay MSS 29851, 369-86 in Manniche (1987)
City of the Dead, Thebes in Egypt, fig.39



Fig. 4.223 TU (1) Amenhotep Huy
Davies & Gardiner (1926) *The Tomb of Huy*, pl.
19.

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TU (2) Tutankhamun's Painted Box. PM 1 (2) 577-578
Davies & Gardiner (1962) *Tutankhamun's Painted Box*,



Fig. 4.225
Side A



Fig. 4.226
Side B



Fig. 4.227
Lid A



Fig. 4.228
Lid B

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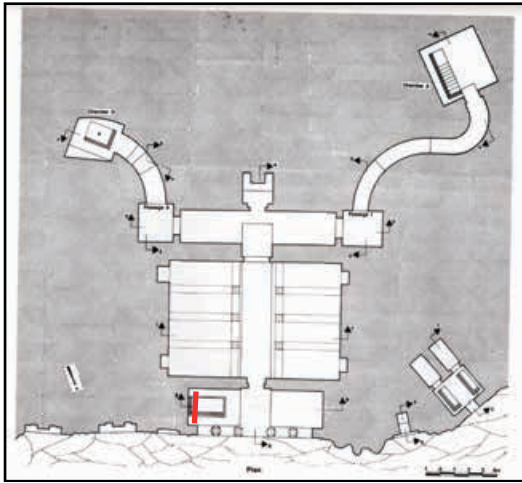


Fig. 4.229
TU (3) Sennedjem- Akhmim

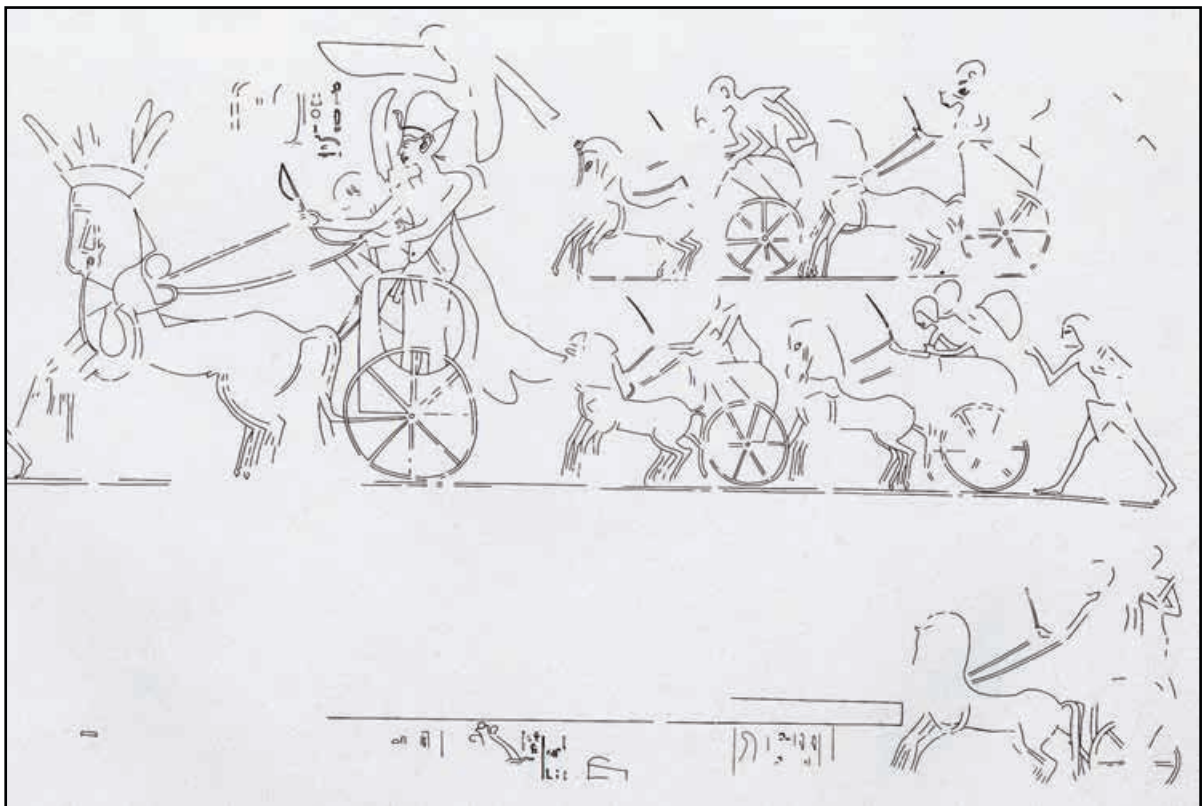


Fig. 4.230
Ockinga (1997) *A Tomb from the Reign of Tutankhamun at Akhmim* , pl. 36.

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TU (4) Horemheb
PM 3 (2) 655

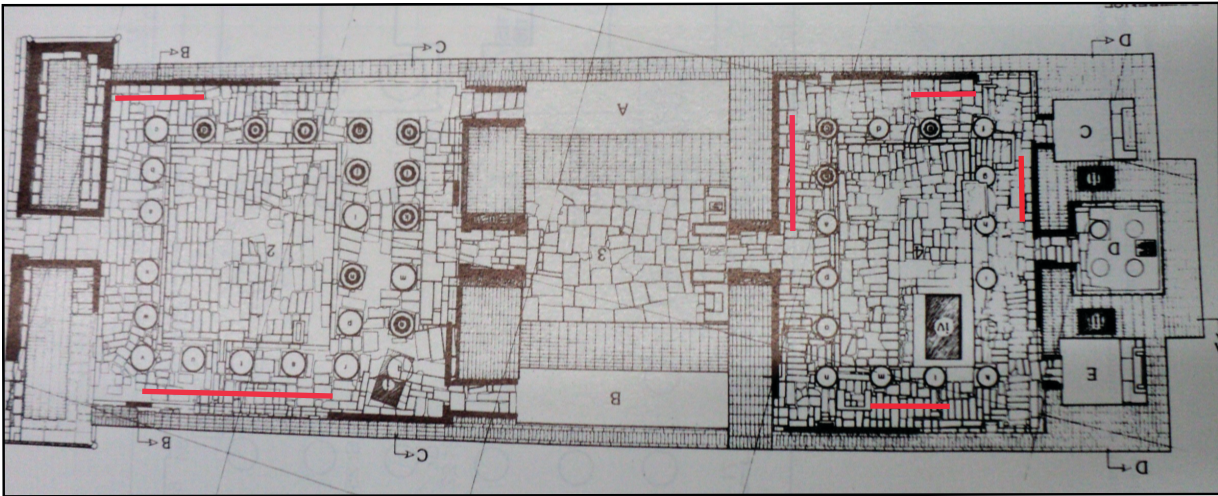


Fig. 4.231

Martin (1989) *The Memphite Tomb of Horemheb, Commander-in-Chief of Tutankhamun. 1. The Reliefs, Inscriptions and Commentary. pl. 5.*



Fig. 4.232
Peck (1978) *Egyptian Drawings*
fig. 114.

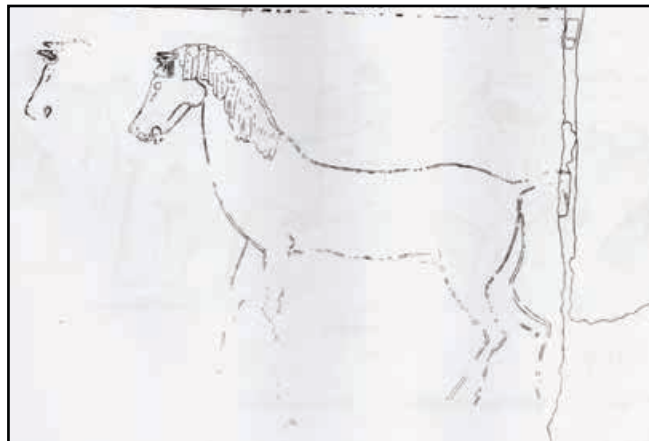


Fig. 4.233

Martin (1989) *The Memphite Tomb of Horemheb, Commander-in-Chief of Tutankhamun. 1. The Reliefs, Inscriptions and Commentary, pl.16.*



Fig. 4.234

Houlihan (1996) *Animal World of the Pharaohs, fig. 28.*

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Fig. 4.235
Photo. S. Turner.

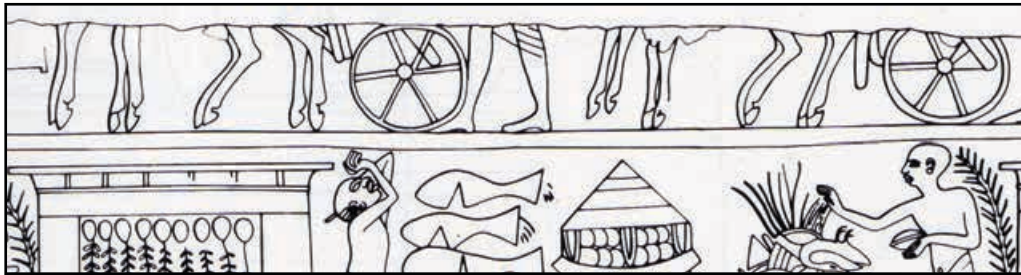


Fig. 4.236
Martin (1989) *The Memphite Tomb of Horemheb, Commander-in-Chief of Tutankhamun. 1. The Reliefs, Inscriptions and Commentary*, pl.105, Scene 72.



Fig. 4.237
Photo. S. Turner.

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TU (5) Tutankhamun- Mortuary Temple Blocks

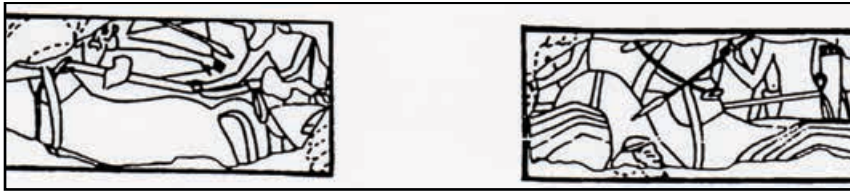


Fig. 4.238

Johnson (1992) *An Asiatic Battle Scene of Tutankhamun from Thebes: A Late Amarna Antecedent of the Ramesside Battle- Narrative Tradition*, 156 pls. 9 & 10.

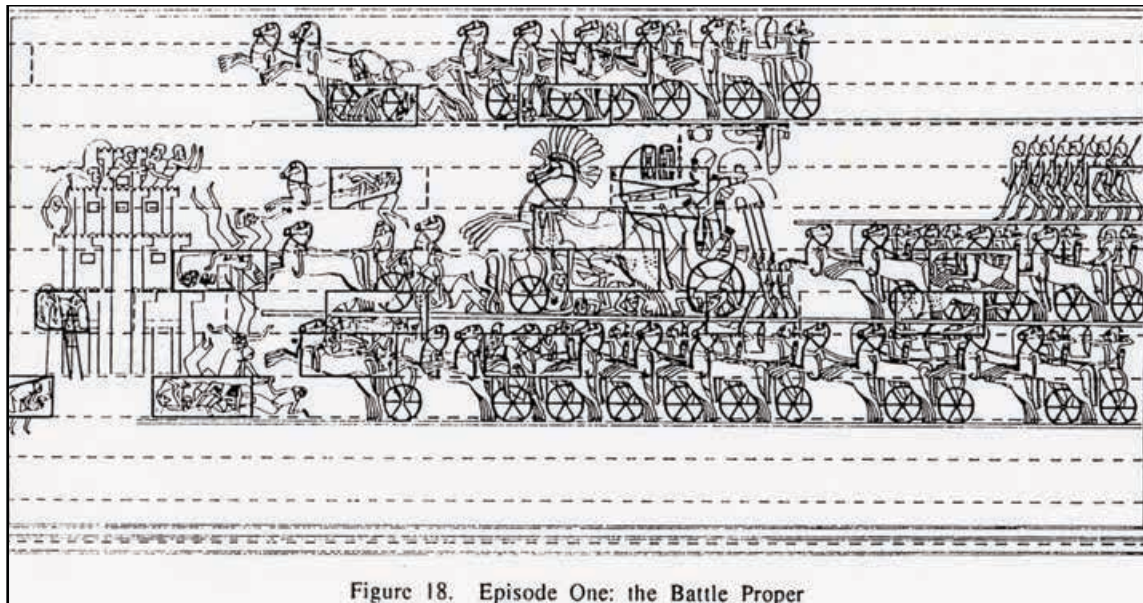


Fig. 4.239

Johnson (1992) *An Asiatic Battle Scene of Tutankhamun from Thebes: A Late Amarna Antecedent of the Ramesside Battle- Narrative Tradition*, 188, fig. 18.

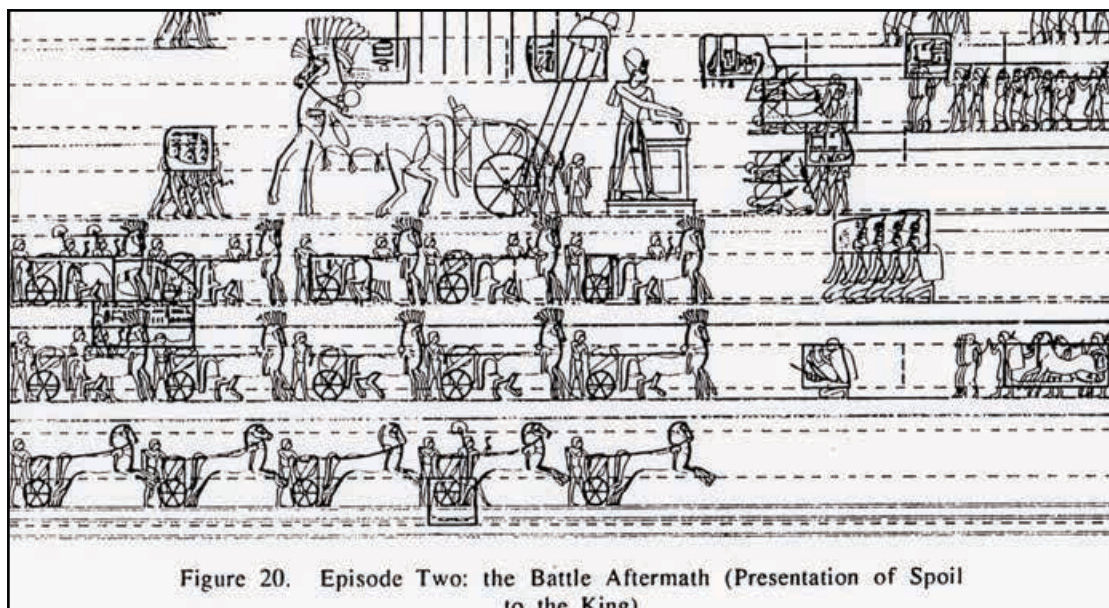


Fig. 4.240

Johnson (1992) *An Asiatic Battle Scene of Tutankhamun from Thebes: A Late Amarna Antecedent of the Ramesside Battle- Narrative Tradition*, 190, fig. 20.

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TU (6) Ptahemwia

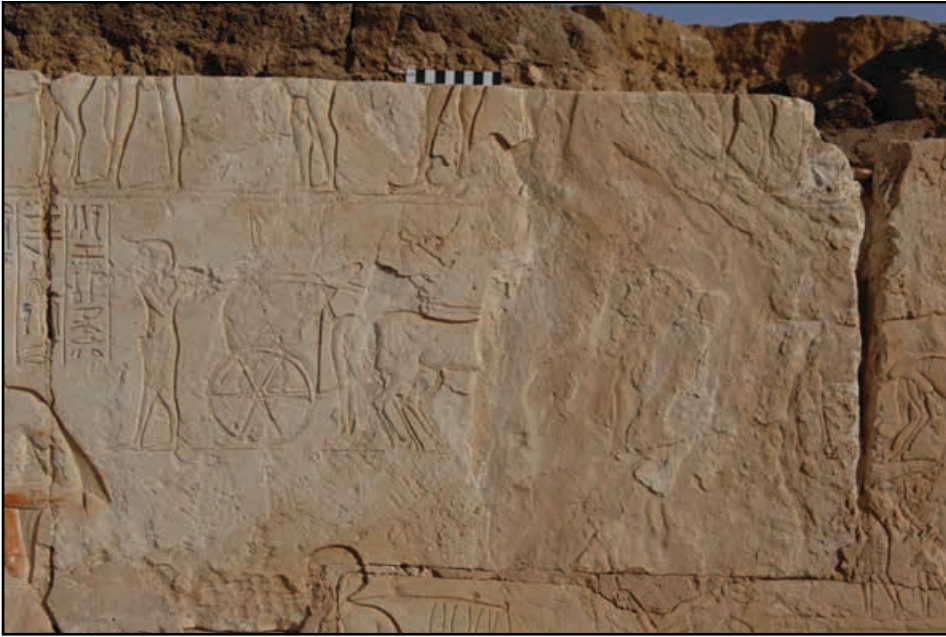


Fig. 4.241
Leiden Museum
Excavations,
Saqqara. Photo
courtesy of N.
Staring.



Fig. 4.242
Desroches-Noblecourt
(1963) *Tutankhamen*, pl. XX.



Fig. 4.243
James (2000) *Tutankhamun* 257.

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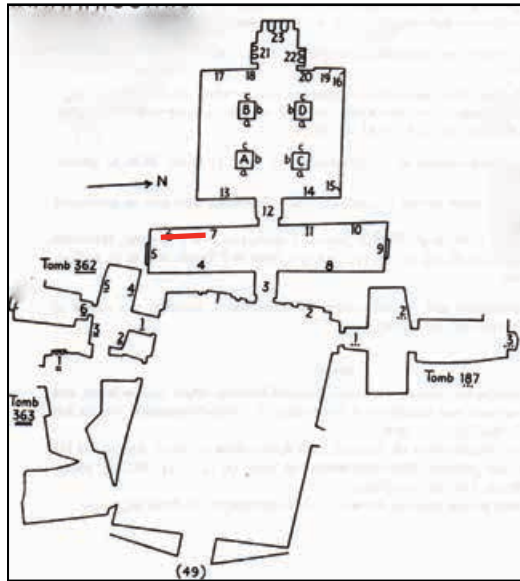


Fig. 4.244
HO I (1) TT 49 Neferhotep
PM 1 (1) 91-95 (6)



Fig. 4.245
Davies (1933) *The Tomb of Neferhotep*
at Thebes. pl.16.

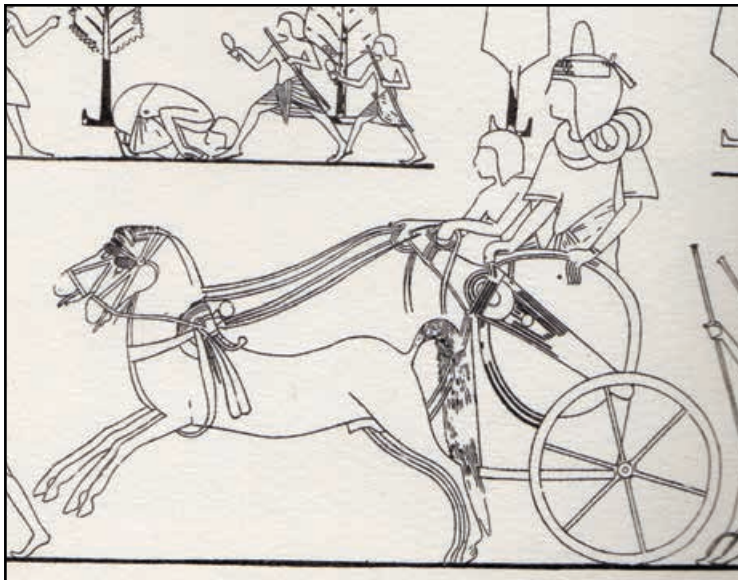


Fig. 4.246
Davies (1933) *The Tomb of*
Neferhotep at Thebes. pl.16.

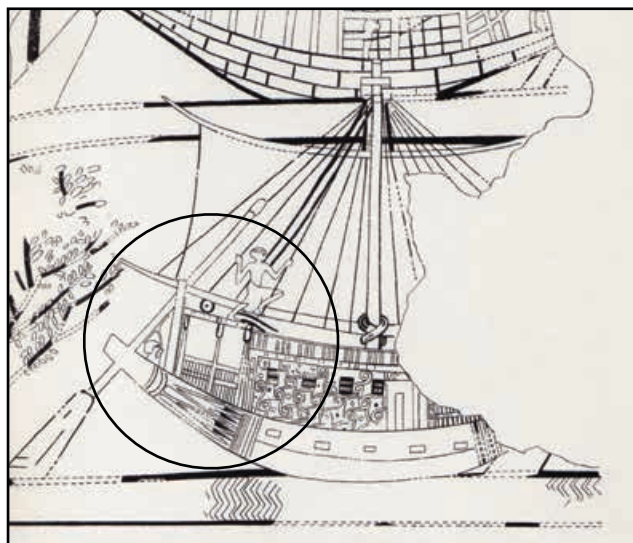


Fig. 4.247
Davies (1933) *The Tomb of*
Neferhotep at Thebes, pl. 11.

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HO (2) TT -162- Parannefer

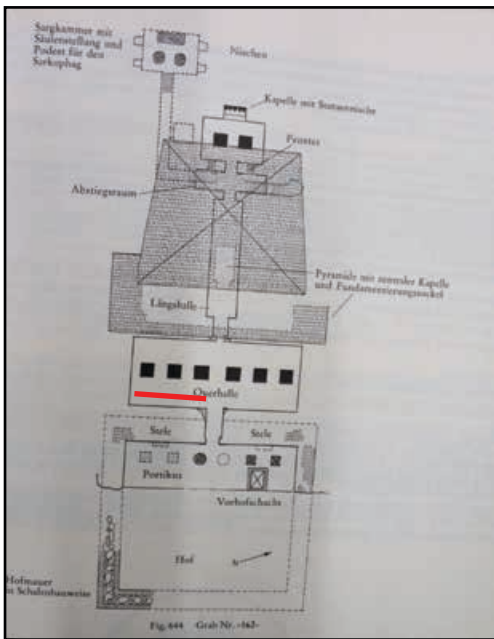


Fig. 4.248
Hofmann (2004) *Bilder im Wandel. Die Kunst der Ramessidschen Privategräber*, fig. 644.



Abb. 5. Wagenfahrt zum Tempel, Grab des Parannefer (TT -162-)
Fig. 4.250
Hofmann (2004) *Bilder im Wandel. Die Kunst der Ramessidschen Privategräber*, pl 3 (5)



Abb. 3. Ankunft der Lastschiffe vor dem Tempel in Karnak, Grab des Parannefer (TT -162-)

Fig. 4.249
Hofmann E. (2004) *Bilder im Wandel. Die Kunst der Ramessidschen Privategräber*, pl.2 (3)

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HOREMHEB (3) (LATE 18TH DYNASTY) Ipuia- Reliefs.



HO (3) Ipuia
PM 3 (2) 555 S2730

Fig. 4.251
Photo. S. Turner
26/2/2008.

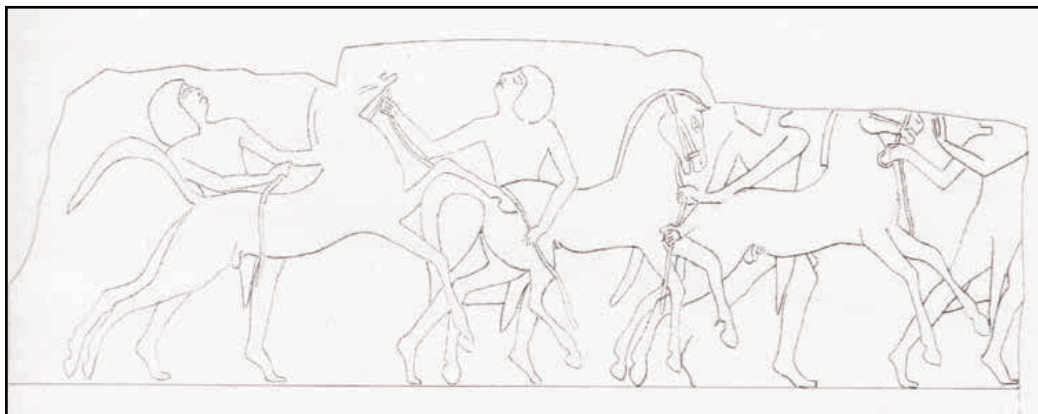


Fig. 4.252
Hofmann E. (2004) *Bilder im Wandel. Die Kunst der ramessidschen Privategräber* pl. 118.



Fig. 4.253
Quibell & Hayter (1927) *Excavations at Saqqara*, pl. 12 (1).

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REIGN OF SETI I

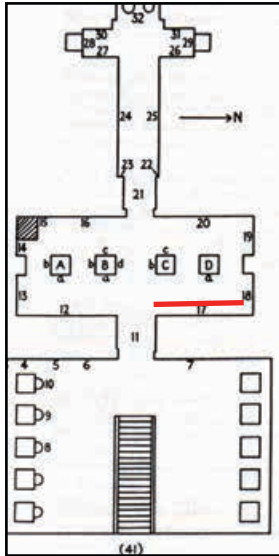


Fig. 4.254
SE I (1) TT 41 Amenemope-Ipy
PM 1 (1) 78-80 (17)

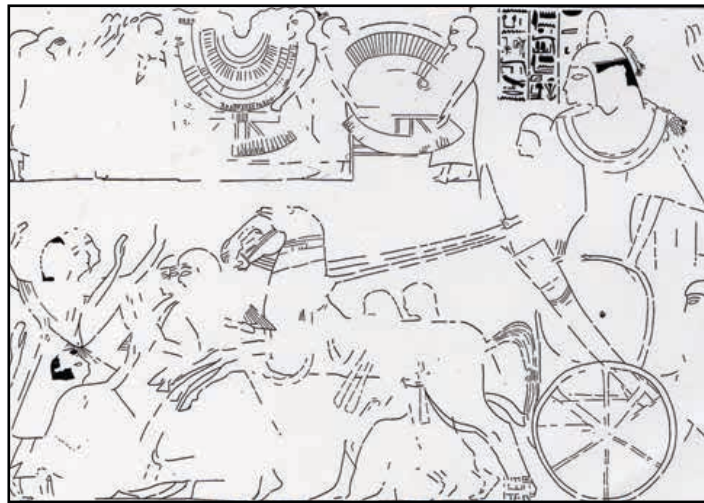


Fig. 4.255
Assman (1991) *Das Grab des Amenemope TT 41 (Theben 3)*
pl. 31

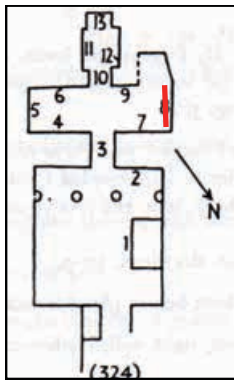


Fig. 4.256
SE I (2) TT 324 Hatiai
PM 1 (1) 395-396 (8)

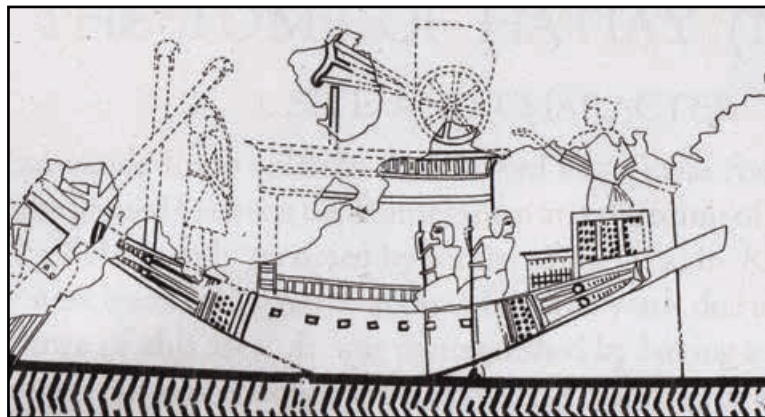


Fig. 4.257
Davies (1948) *Seven Private Tombs at Kurnah*, pl. 32.

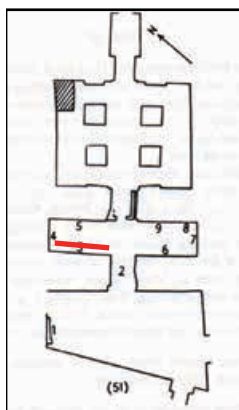


Fig. 4.258
SE I (3) TT 51 Userhat
PM 1 (1) 97-99 (3)

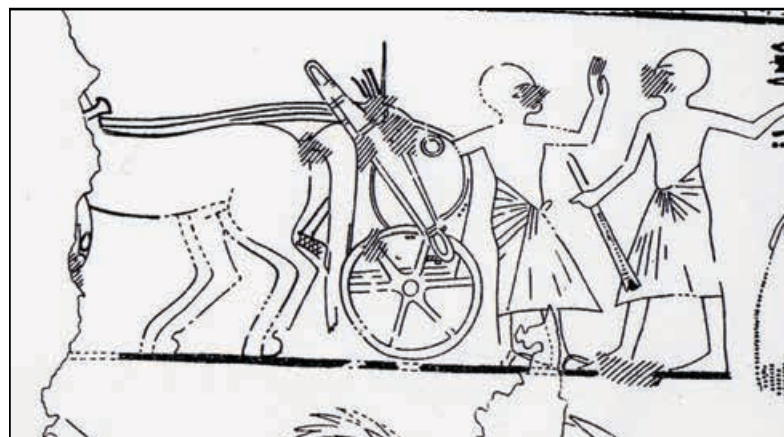


Fig. 4.259
Davies (1927) *Two Ramesside Tombs at Thebes*, pl. 13.

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SE I (4) Seti 1 - Karnak
PM 2 53-57

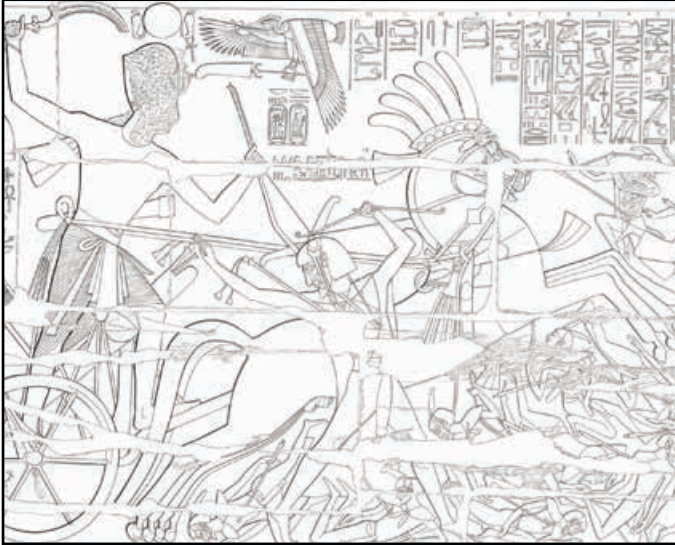


Fig. 4.260
The Epigraphic Survey (1986)
*Reliefs and Inscriptions at Karnak:
The Battle Reliefs of King Seti I, 4.*
The University of Chicago, Oriental
Institute Publications, Chicago.
Vol. IV. pl. 28.

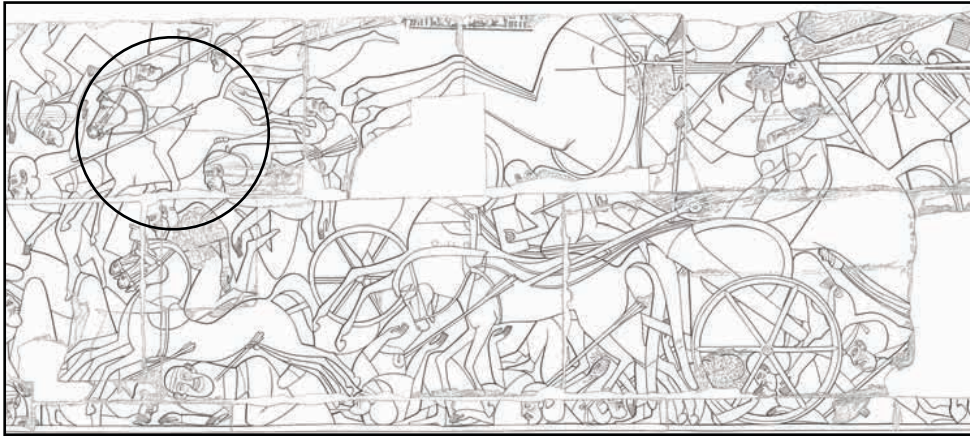


Fig. 4.261
The Epigraphic Survey (1986)
Reliefs and Inscriptions at Karnak: The Battle Reliefs of King Seti I, 4.
The University of Chicago, Oriental Institute Publications, Chicago. Vol. IV. pl. 11.

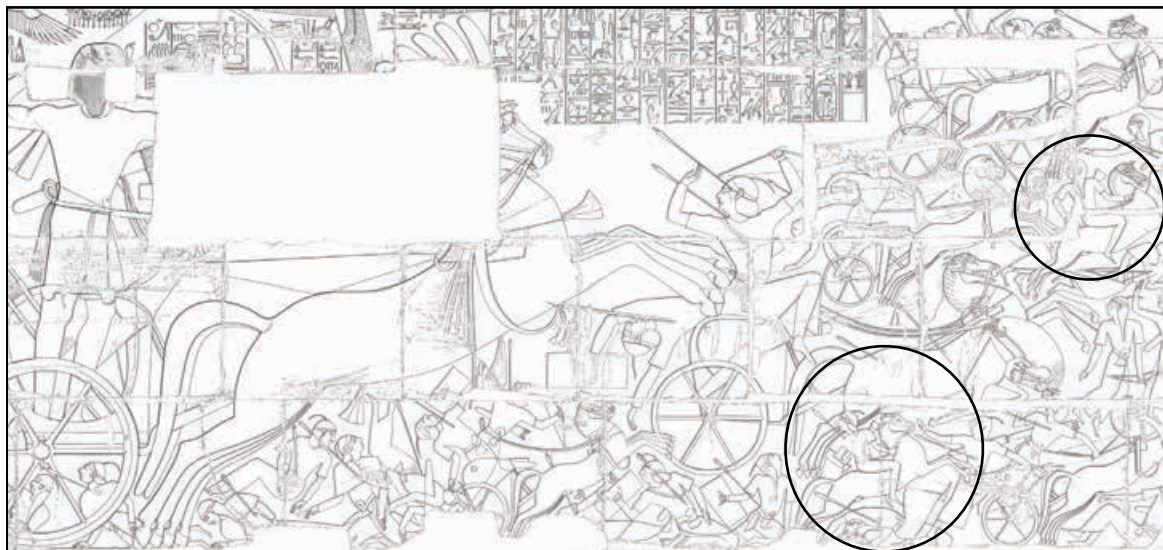


Fig. 4.262
The Epigraphic Survey (1986)
Reliefs and Inscriptions at Karnak: The Battle Reliefs of King Seti I, 4.
The University of Chicago, Oriental Institute Publications, Chicago. Vol. IV. pl. 34.

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REIGN OF RAMESSES II

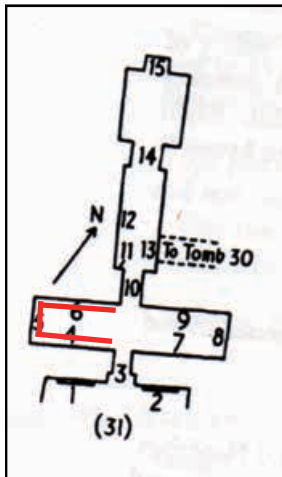


Fig. 4.263
RA II (1) TT 31 Khons (To)
PM 1 (1) 47-49 (4,5,6)

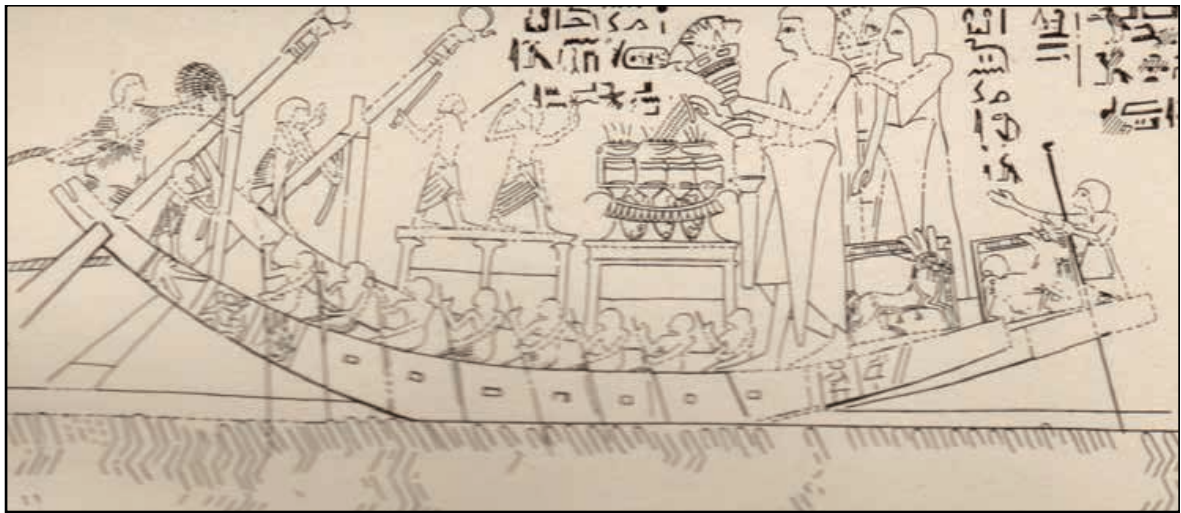


Fig. 4.264
Davies (1948) *Seven Private Tombs at Kurneh*, pl.12.

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RA II (2) Tia & Tia- Saqqara
PM 3 (2) 654-655

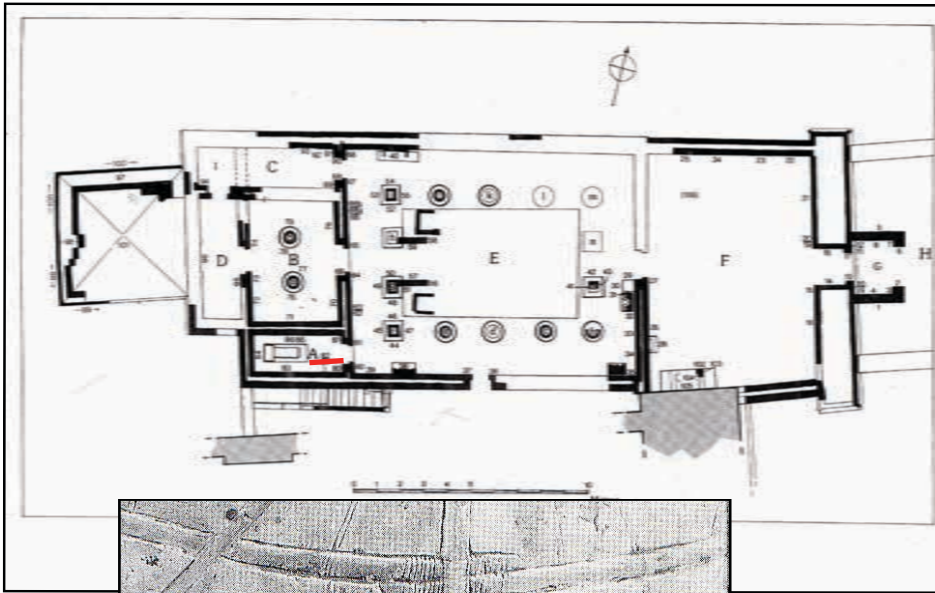


Fig. 4.265
Martin (1997) *The Tomb of Tia and Tia. A Royal Monument of the Ramesside Period in the Memphite Necropolis*, pl.3.



Fig. 4.266
Martin (1997) *The Tomb of Tia and Tia. A Royal Monument of the Ramesside Period in the Memphite Necropolis*, pl. 154.

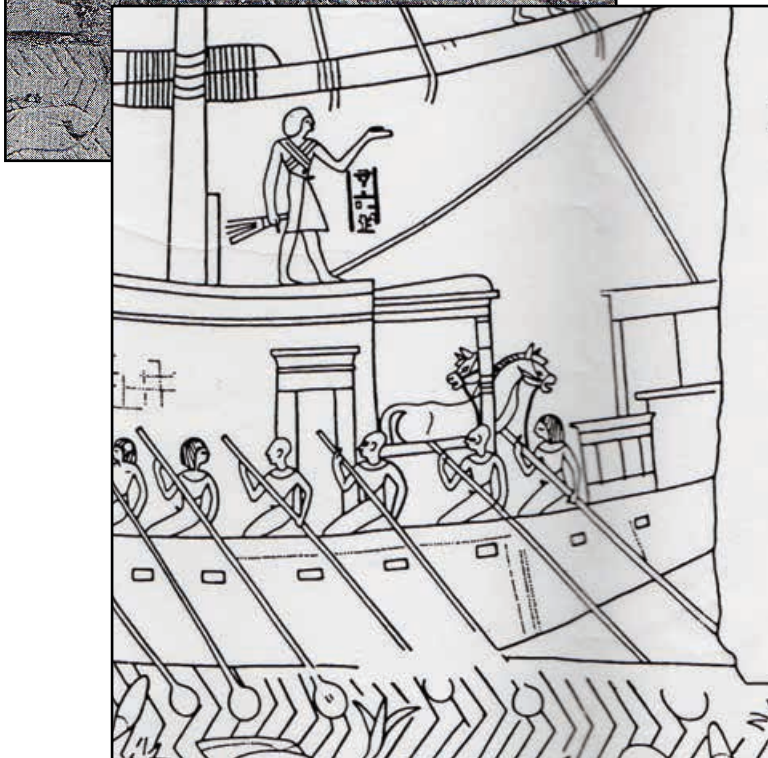


Fig. 4.267
Martin (1997)
The Tomb of Tia and Tia. A Royal Monument of the Ramesside Period in the Memphite Necropolis, pl. 47.

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Fig. 4.268
RA II (3) RAMESSES II - ABYDOS
PM 6, 33-41

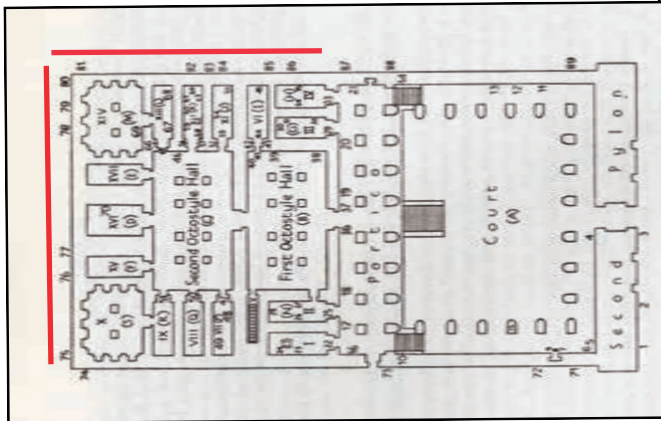


Fig. 4.269
Photo. S. Turner



Fig. 4.270
Photo. S. Turner



Fig. 4. 271
Photo. S. Turner



Fig. 4.272
Photo.S.Turner

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REIGN OF RAMESSES II

RA II (4) Ramesses II- Ramesseum
PM 2, 431-444



Fig. 4.273
Callender (1993) *The Eye of Horus*, fig. 8.13.



Fig. 4.274
Bongioanni (2004) *Luxor and the Valley of the Kings*, 79.



Fig. 4.275
Photo. S. Turner



Fig. 4.276
Photo. S. Turner

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RA II (5) RAMESSES II- ABU SIMBEL
PM 7, 95-111



Fig. 4.277
Photo. S. Turner

RA II (6) RAMESSES II LUXOR
PM 2, 301-336



Fig. 4.279
Photo. S. Turner



Fig. 4.281
Photo. S. Turner

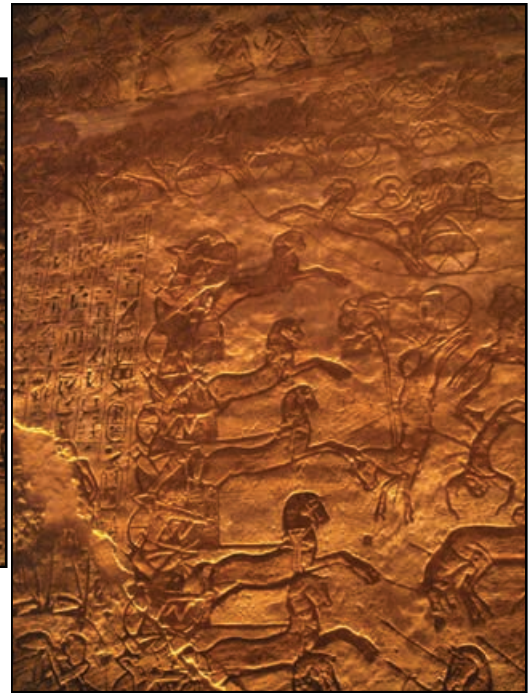


Fig. 4.278
Photo. S. Turner



Fig. 4.280
Photo. S. Turner



Fig. 4.282
Photo. S. Turner

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RA II (7) Ramesses II- Beit el-Wali Temple
PM 7, 21-27

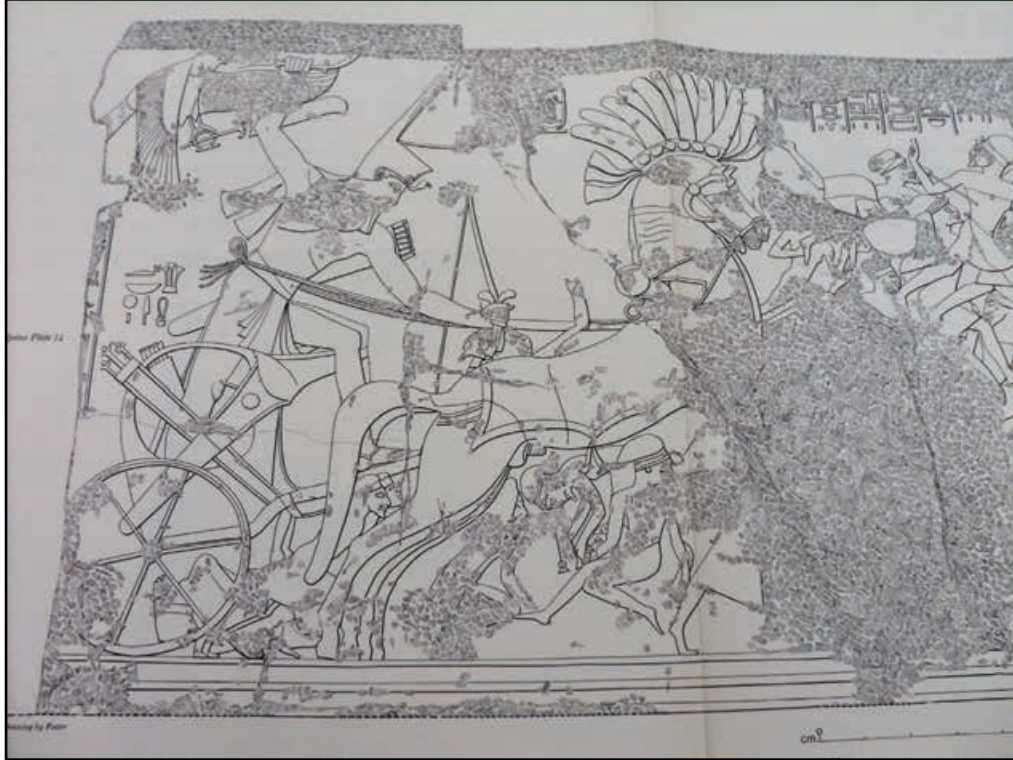


Fig. 4.283
Ricke, Hughes & Wente (1967) *The Beit el-Wali Temple of Ramesses II* (North wall)

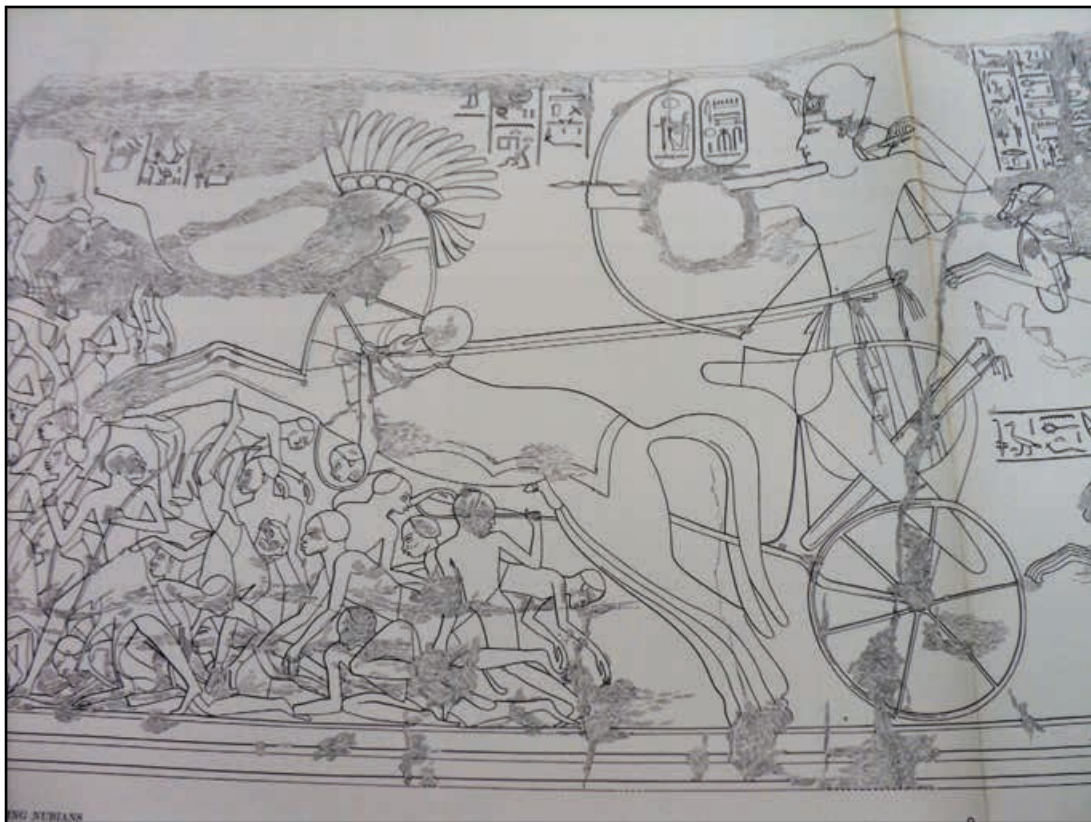


Fig. 4.284
Ricke, Hughes & Wente (1967) *The Beit el-Wali Temple of Ramesses II* (South wall)

CHAPTER 4

REIGN OF MERENPTAH

MR (1) Merenptah
PM 2, 132-133

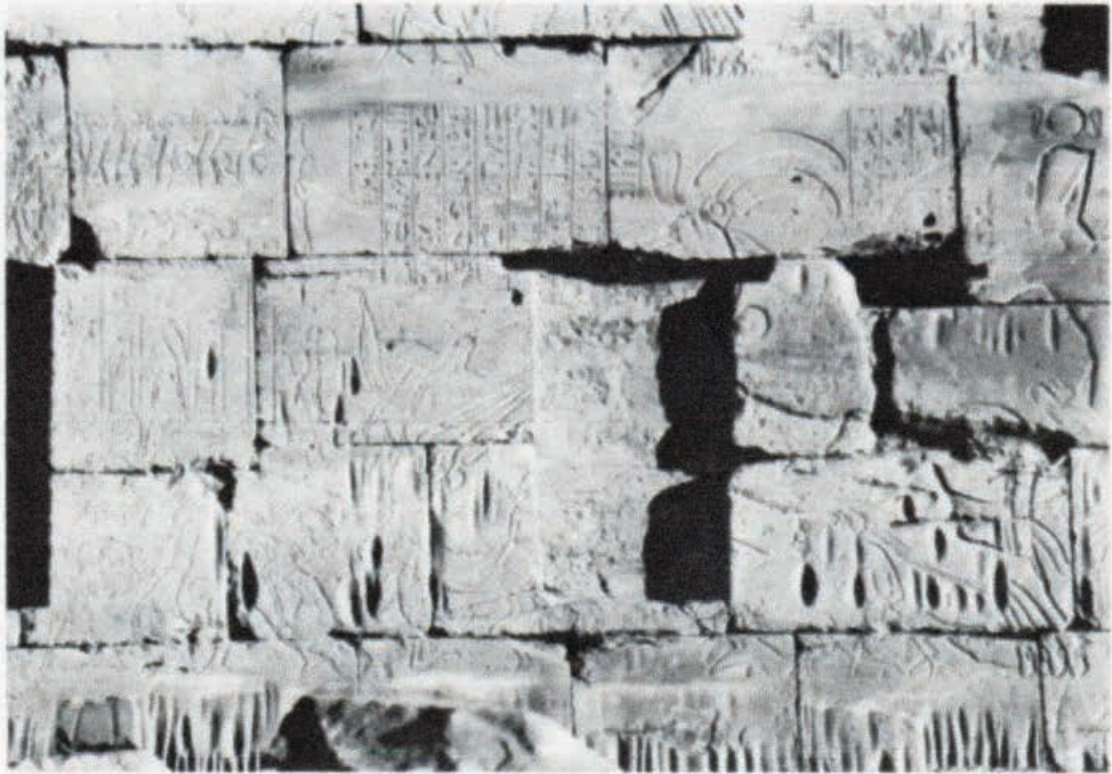


Fig. 2. Scene 1. Lower register; Merenptah besieges Ashkelon.

Fig. 4.285

Yurco (1986) "Merenptah's Canaanite Campaign" *JARCE* 23 (1986)
fig.8, sc. 1.

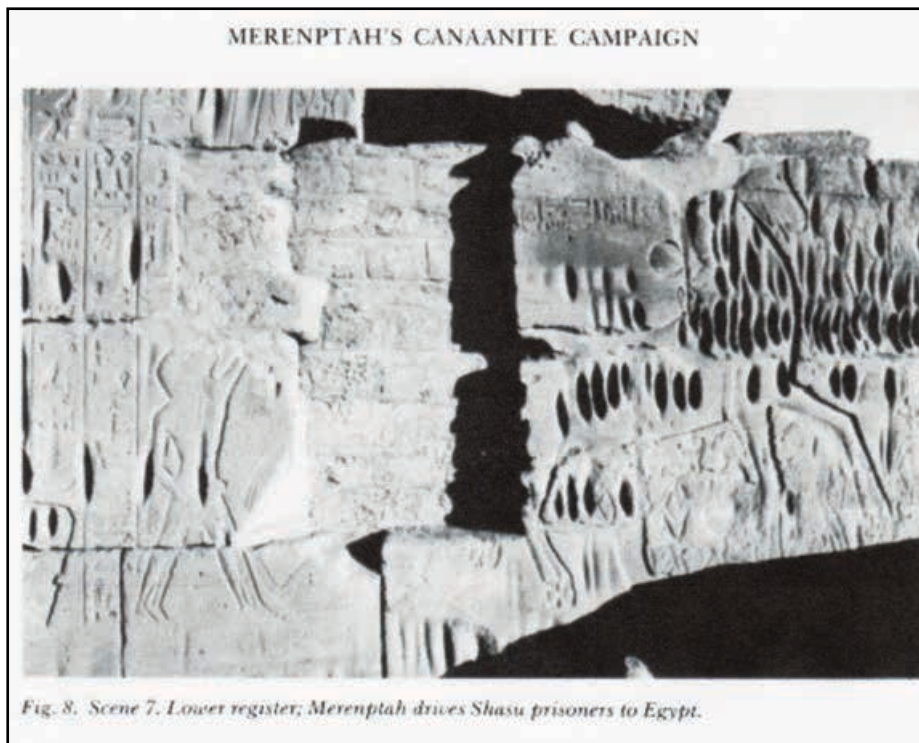


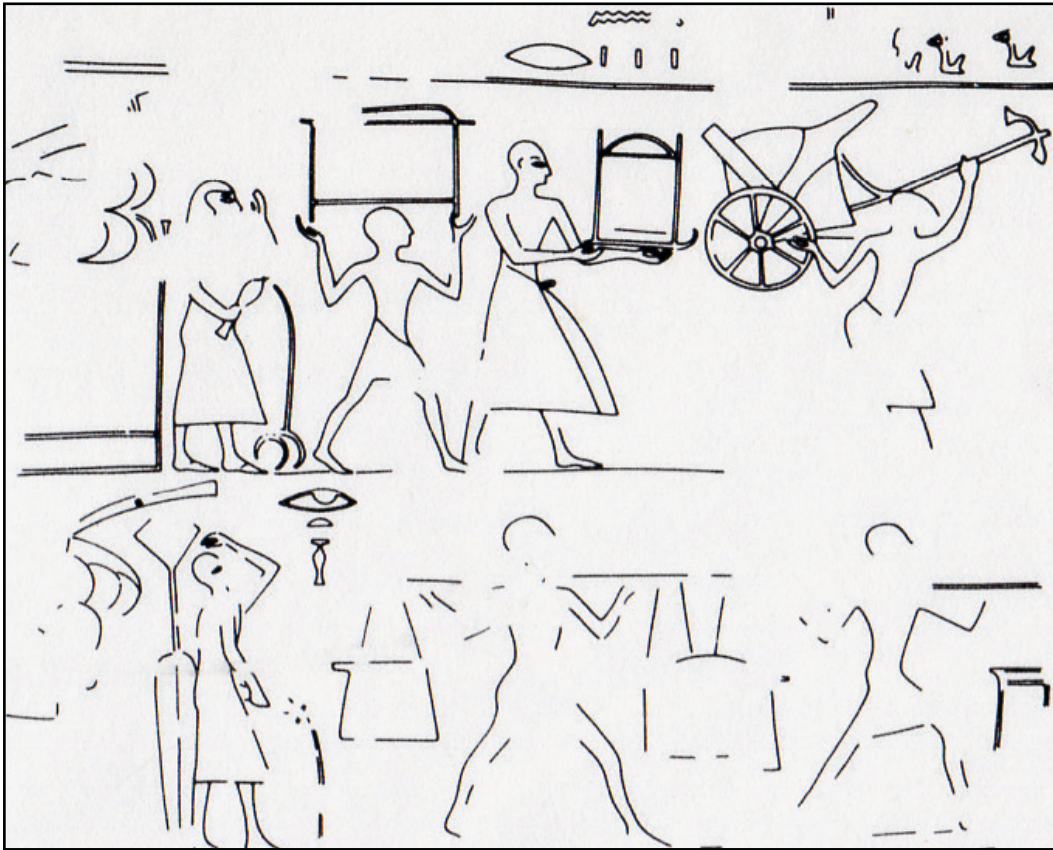
Fig. 8. Scene 7. Lower register; Merenptah drives Shasu prisoners to Egypt.

Fig. 4.286

Yurco (1986)
"Merenptah's Canaanite
Campaign" *JARCE* 23
(1986)fig.8, sc. 7.

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Fig. 4.287
MR (2) Anhurmosé
Ockinga & Al-Masri (1988) *Two Ramesside
Tombs at Mashayikh*, pl 36.



CHAPTER 4

REIGN OF RAMSES III

RA III (1) Ramesses III- Medinet Habu
PM 2, 516, 492, 517-522.

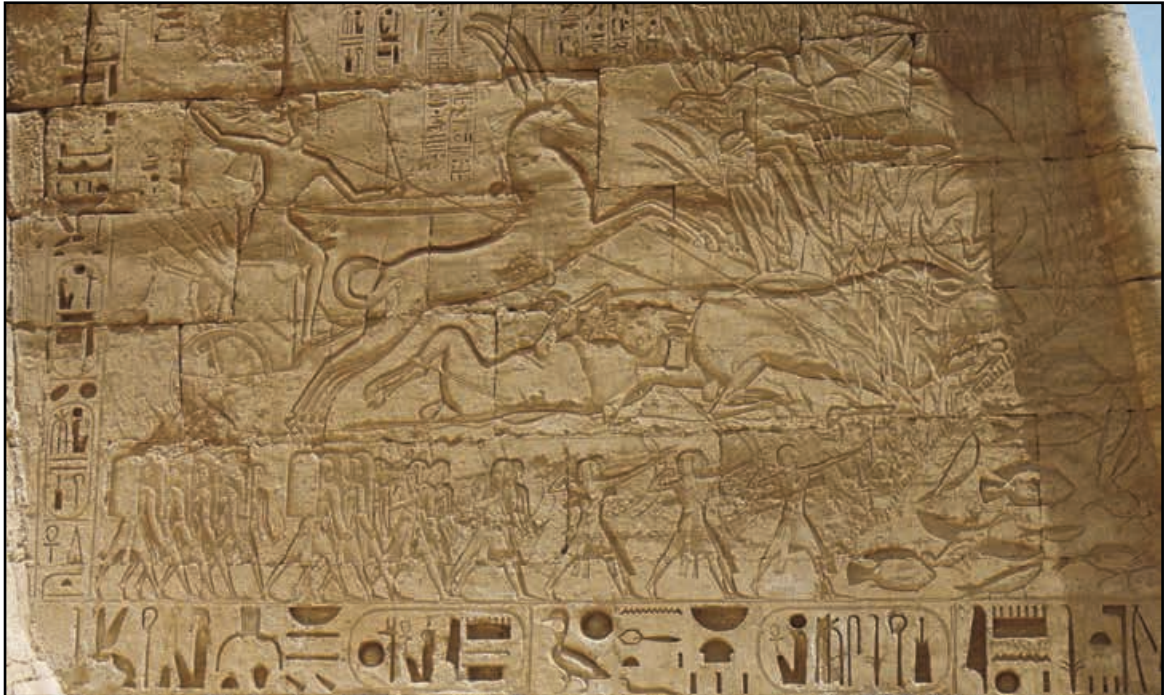


Fig. 4.288

Schulz & Sourouzian(1998) "The Temples," Schulz & Seidel, (1998) *Egypt: World of the Pharaohs*, fig. 94.

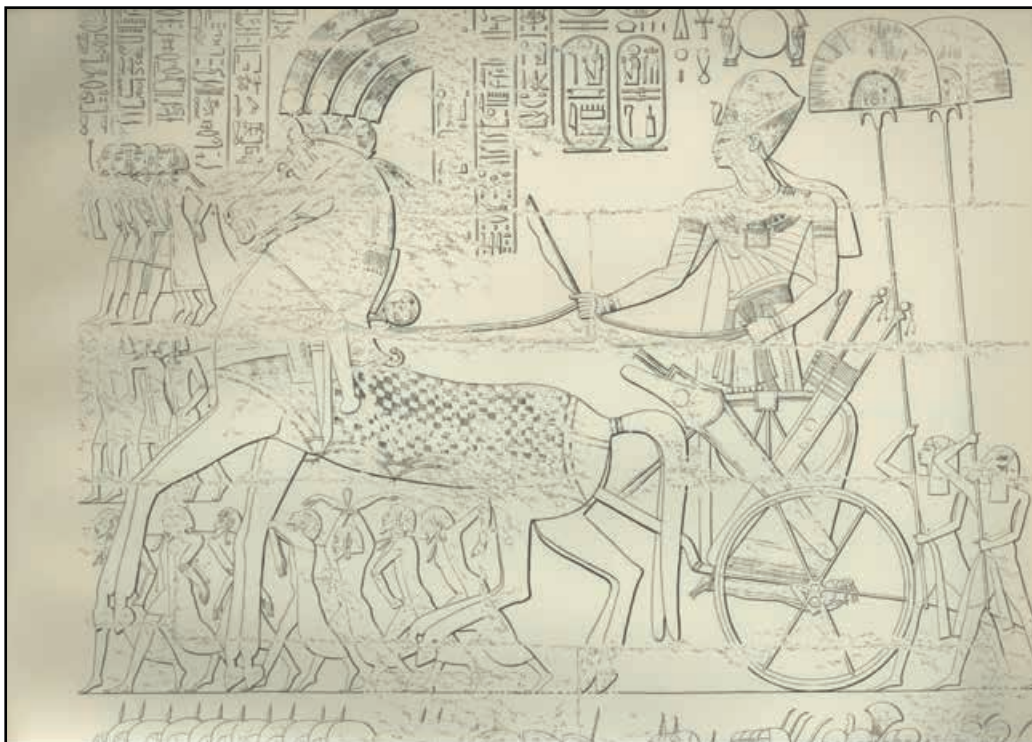


Fig. 4.289

The Epigraphic Survey (1930) *Earlier Historical Records of Ramses III*, Medinet Habu vol. I, The University of Chicago, Oriental Institute Publications VIII, Chicago. pl. 22.



Fig. 4.290
Photo. S. Turner.

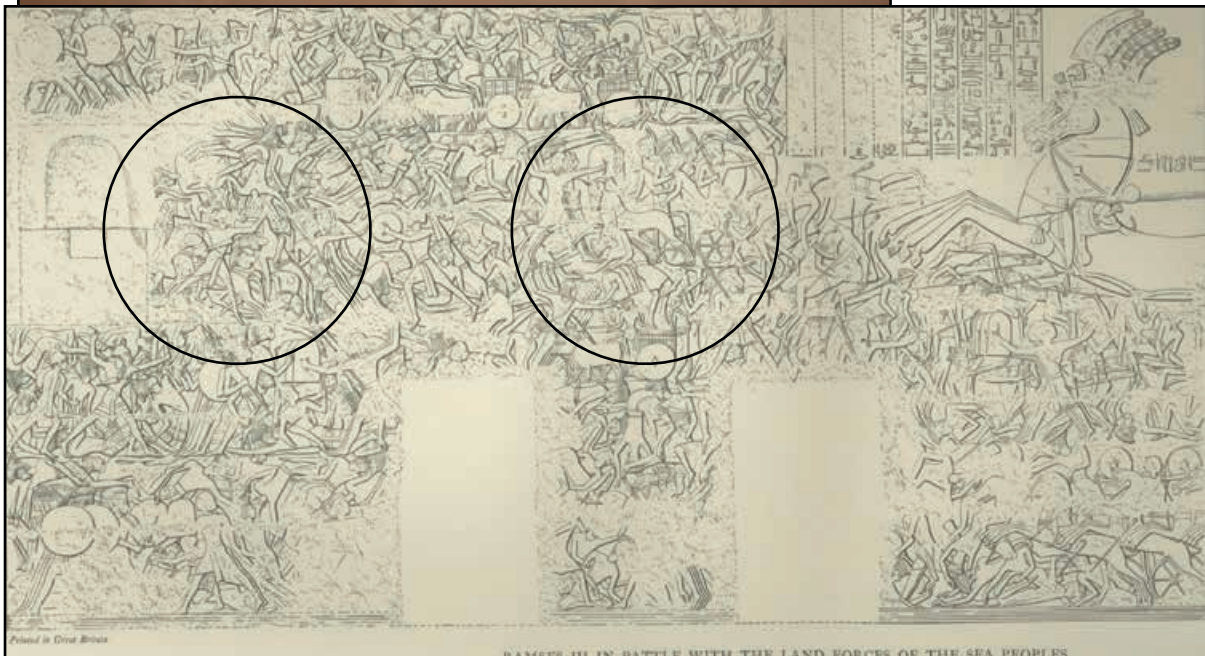


Fig. 4.291
The Epigraphic Survey (1930) *Earlier Historical Records of Ramses III*, Medinet Habu vol. I, The University of Chicago, Oriental Institute Publications VIII, Chicago. pl. 32.

Ramesside Tomb

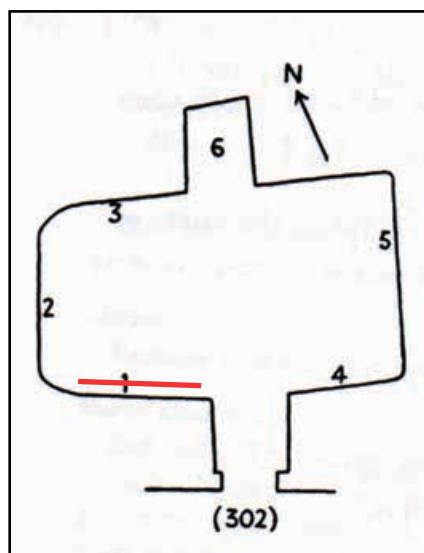


Fig. 4. 292
RA II (3) TT302 Paraemheb
PM 1 (1) 381 (1)
(No horse images available)

CHAPTER 6

THE ARTISTIC CONTEXT OF THE HORSE- AN OVERVIEW

THEMES

JOURNEY TO THE AFTERLIFE



Fig. 6.1 Thutnefer TT 80,
Ghaffar Shedid (1988) *Stil der Grabmalereien in der Zeit Amenophis II*,
pl. 65.

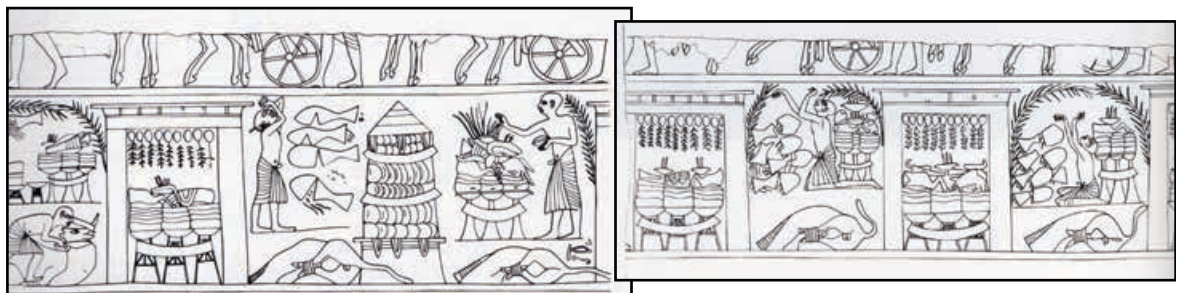


Fig. 6.2
Horemheb- Saqqara
Martin (1989) *The Memphite Tomb of Horemheb, Commander-in-Chief of Tutankhamun. 1.*
The Reliefs, Inscriptions and Commentary, pl. 123.

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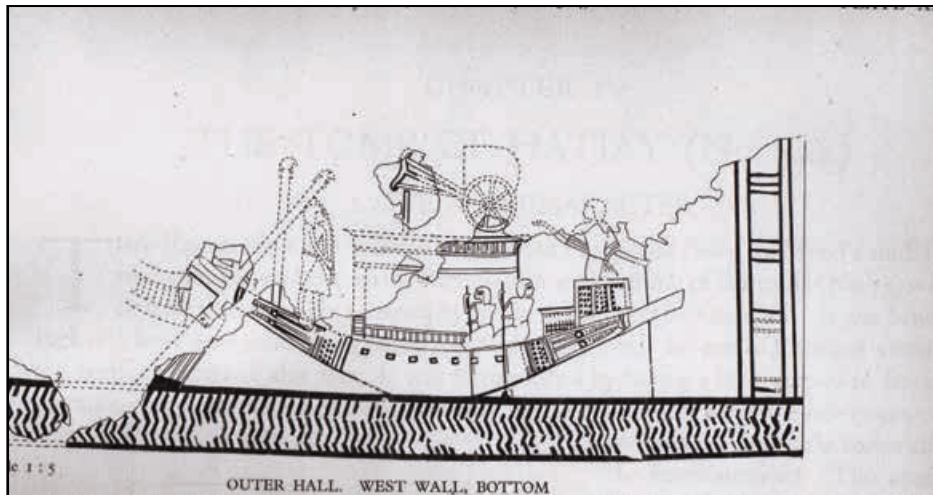


Fig. 6.3
Hatiai TT 324,
Davies (1948) *Seven Private Tombs at Kurnah*, pl.32.



Fig. 6.4
Tia and Tia- Saqqaqa
Martin (1997) *The Tomb of Tia and Tia. A Royal Monument of the Ramesside Period in the Memphite Necropolis*, 111.

HIERARCHY



Fig. 6.5
Meryre I,
Davies (1903) *The Rock Tombs of El-Amarna, Part 1*, pl. 10.

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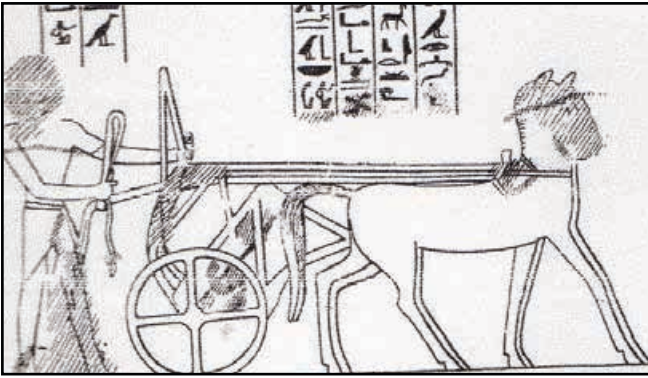


Fig. 6.6
Paheri,
Tylor & Griffith (1895) *The Tomb of Paheri at El Kab*, pl.3.



Fig. 6.7
Paheri,
Tylor & Griffith (1895) *The Tomb of Paheri at El Kab*, pl.3.

LIFE ACTIVITIES



Fig. 6.8
Userhat. TT 56,
Beinlich-Seeber & Ghaffar Shedid (1987) *Das Grab des Userhat (TT56)* pl.21.

CHAPTER 6

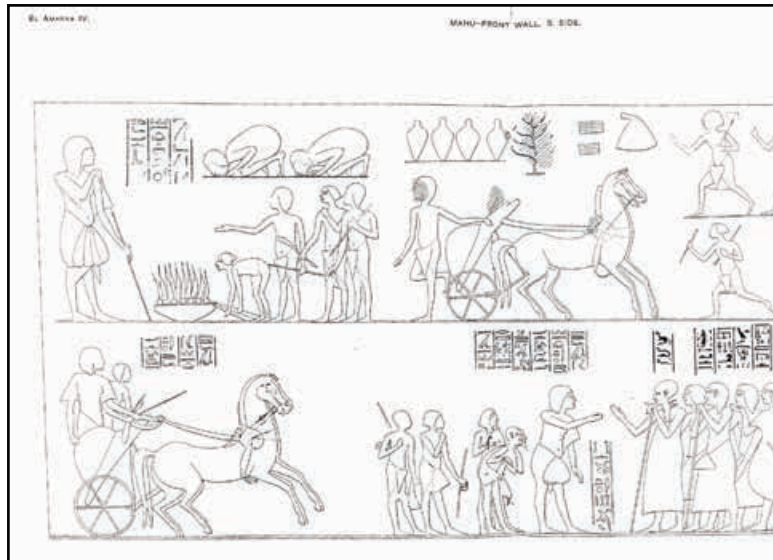


Fig. 6.9
Mahu,
Davies (1906) *The Rock Tombs
of El-Amarna. Part IV, pl.26.*



Fig. 6.10
Rekhmire TT 100,
Davies (1935) *Paintings from the Tomb
of Rekh-mi-re at Thebes, pl.22.*



Fig. 6.11
Horemheb, Saqqara
Martin (1989) *The Memphite
Tomb of Horemheb
Commander-in-Chief of
Tut'ankhamun, pl.32.*

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Fig. 6.12
Menna TT 69,
David & Archbold (2000) *Conversations with Mummies*, 142.

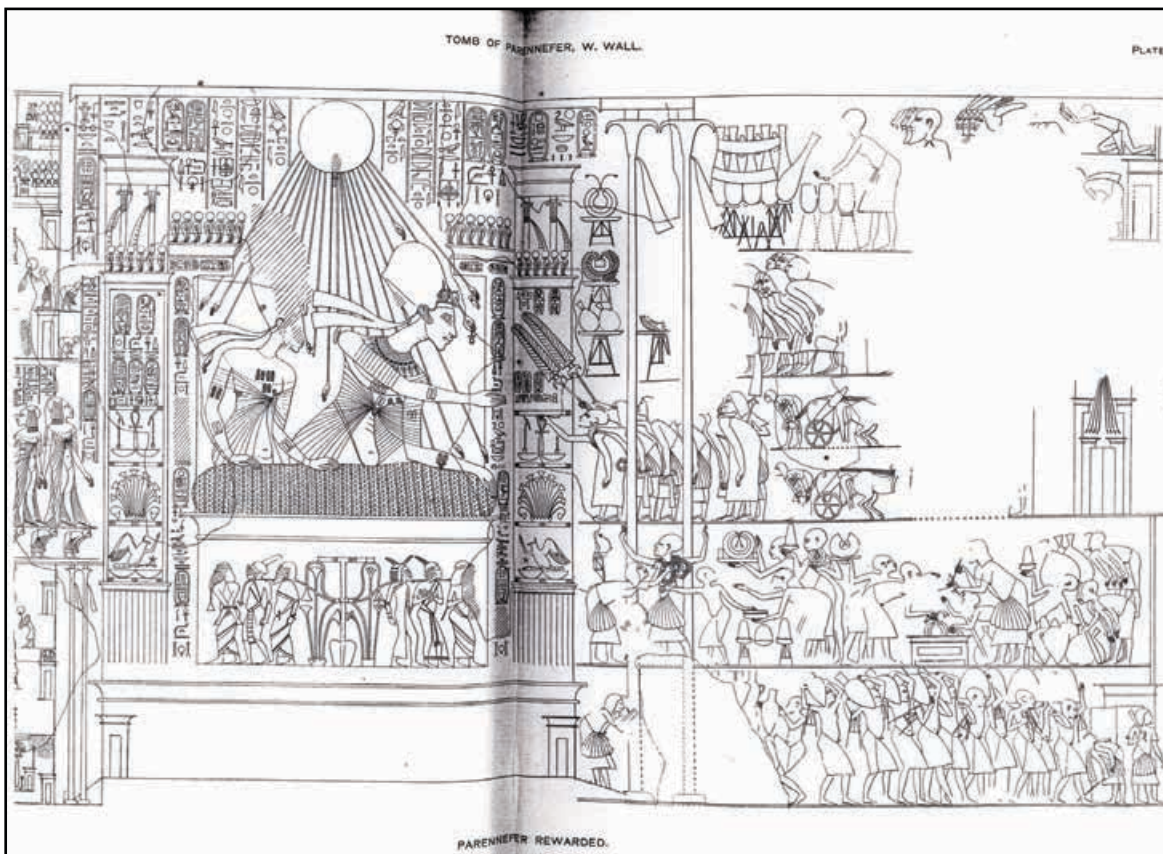


Fig. 6.13
Parennefer rewarded.
Davies (1908) *Tombs of Parennefer, Tutu and Ay*, pl.4.

CHAPTER 6

ICONOGRAPHY OF THE KING

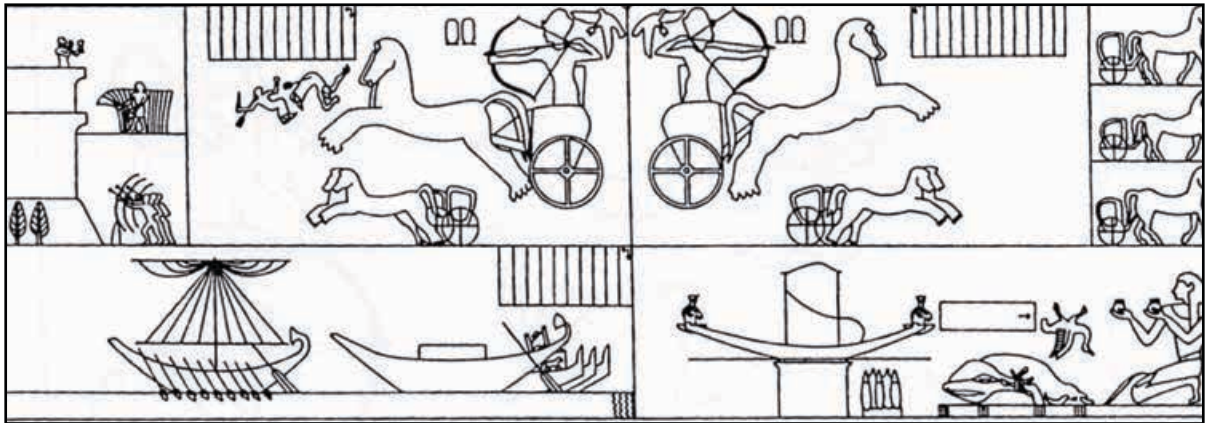


Fig. 6.14
Tentative Reconstruction of Narrative Scenes from Ahmose Pyramid.
Harvey (1998) *The Cults of King Ahmose at Abydos*, fig. 97.



Fig. 6.15
Ramesses II Kadesh,
Photo. S. Turner.



Fig. 6.16
Akhenaten driving to the
Temple
Davies (1905) *The Tombs of
Panhesy and Meryre II*, pl. 13.

CHAPTER 6



Fig. 6.17

Ramesses III

Schulz & Sourouzian (1998) "The Temples- Royal Gods and Divine Kings" in Schulz & Siedel (1998) *Egypt. The World of the Pharaohs*, fig. 94.



Fig. 6.18

Amenhotep II at target practice,
Schulz & Sourouzian
(1998) "The Temples-
Royal Gods and Divine
Kings" in Schulz & Siedel
(1998) *Egypt. The World of
the Pharaohs*, fig. 23.



Fig. 6.19

Tutankhamun, hunting,
Freeman (2005) *Egypt*, 83.

CHAPTER 7

THE DEVELOPMENT OF THE IMAGE AND ITS SUBJECT

Image Placement

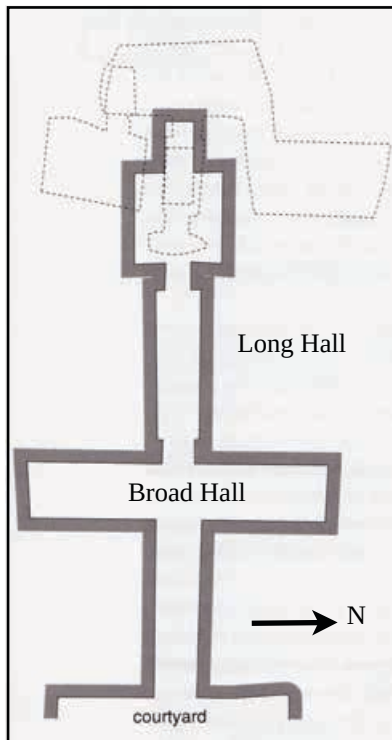


Fig. 7.1
Theban “T” Shaped Tomb.
Strudwick & Strudwick (1999) *Thebes in Egypt*, 149.

SCENE SELECTION



Fig. 7.2
Userhat TT 56
Beenlich-Seeber & Gaffar Shedid
(1987) *Das Grab des Userhat TT 56*,
143.



Fig. 7.3
Menna (TT 69)
David & Archbold (2000) *Conversations with Mummies*, 142.

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Fig. 7.4
Registers of Tribute-
Rekhmire TT 100
Houlihan (1996) *The Animal World of the
Pharaohs*, pl.15.

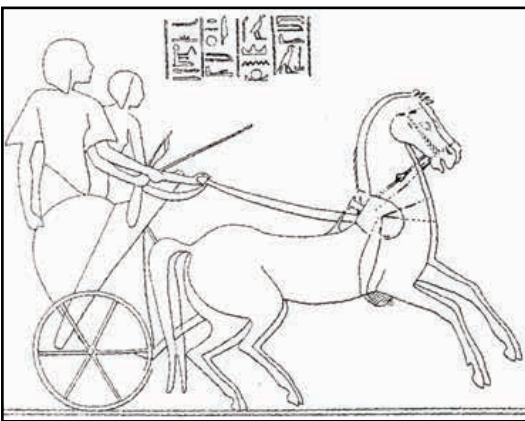


Fig. 7.5
Mahu
Davies (1906)
The Rock Tombs of El-Amarna, Part IV, pl. 26.

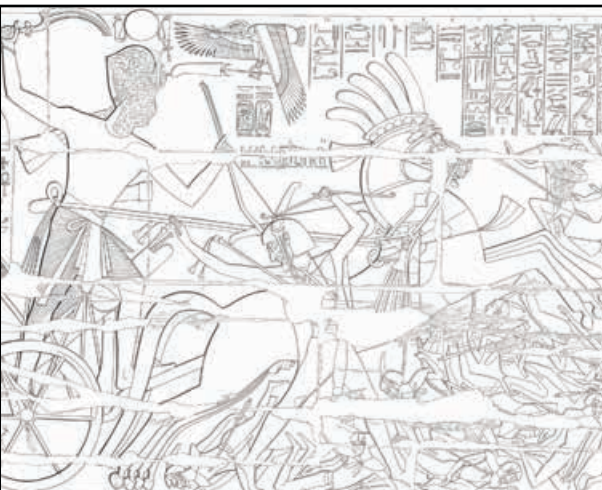


Fig. 7.6
Seti I
The Epigraphic Survey (1986) *The
Battle Reliefs of King Seti I*, pl. 28.

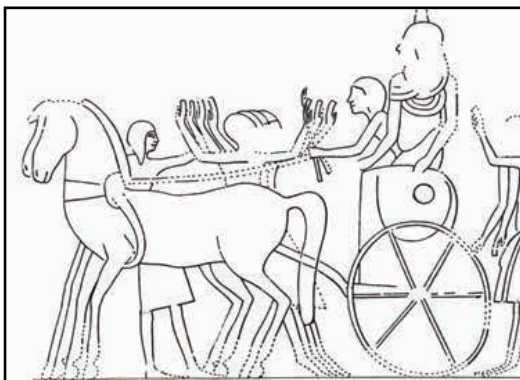


Fig. 7.7
Meryre II
Davies (1903) *The Rock Tombs of El-Amarna.
Part II- The Tombs of Panehesy and Meryre*, pl.
33

CHAPTER 7

CONSTRUCTION OF SCENES AND IMAGES

Base Lines and Registers



Fig. 7.8

Registers of Tribute- Rekhmire TT 100

Davies (1935) *Paintings from the Tomb of Rekh-mi-Re at Thebes*, pl.22.



Fig. 7.9

Sub-registers

Panhesy.

Davies (1905) *The Tomb of Panhesy*, pl.11.

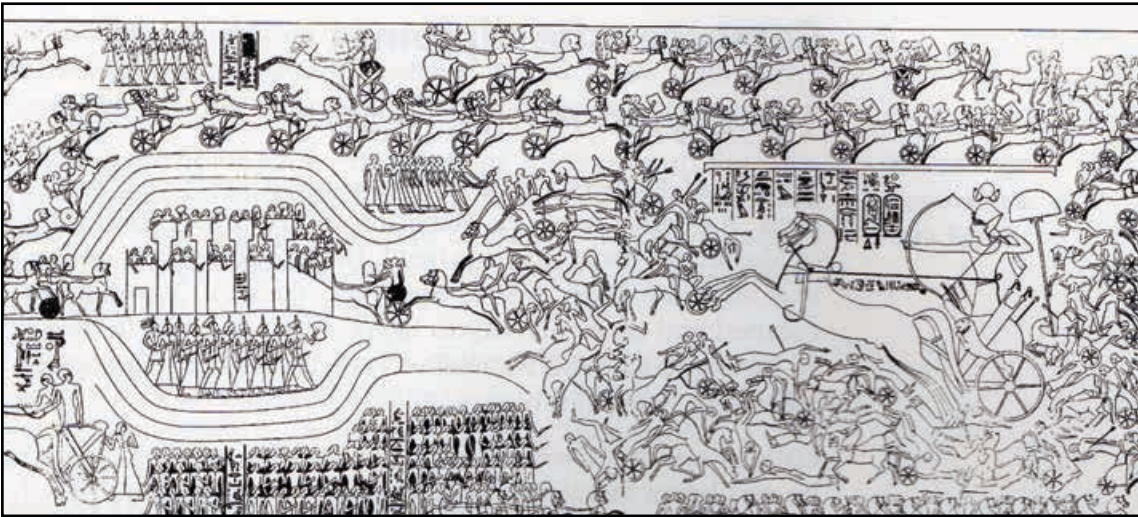


Fig. 7.10
Ramesses II- Kadesh
Kitchen (1997) *Pharaoh Triumphant*, fig.19.



Fig. 7.11
Kadesh, Battle
Photo. S. Turner.

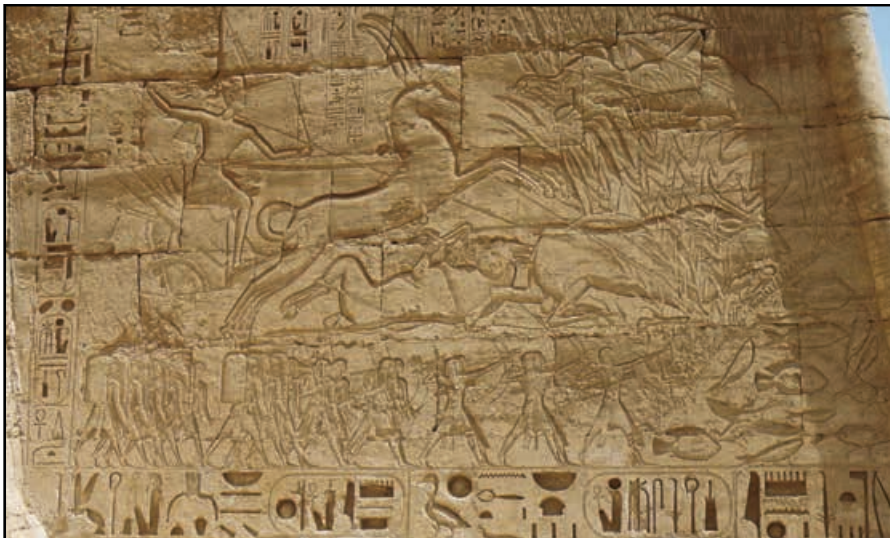


Fig. 7.12
Ramesses III
Hunting- Medinet
Habu. Schulz &
Sourouzian (1998)
“The Temples- Royal
Gods and Divine
Kings” in Schulz &
Siedel (1998) *Egypt
The World of the
Pharaohs*,
fig. 94.

CHAPTER 7

Grid Lines



Fig. 7.13
Calcite tablet. War chariot
Preliminary drawing by
means of a network of
squaring lines. Limestone
in black and red/ 18th Dyn/
1500BC
Kestner Museum, Hanover.





Fig. 7.14
Suemnut TT 92
Capart (1927) *Documents pour servir
a l'etude de l'art Egyptien*, pl.67.

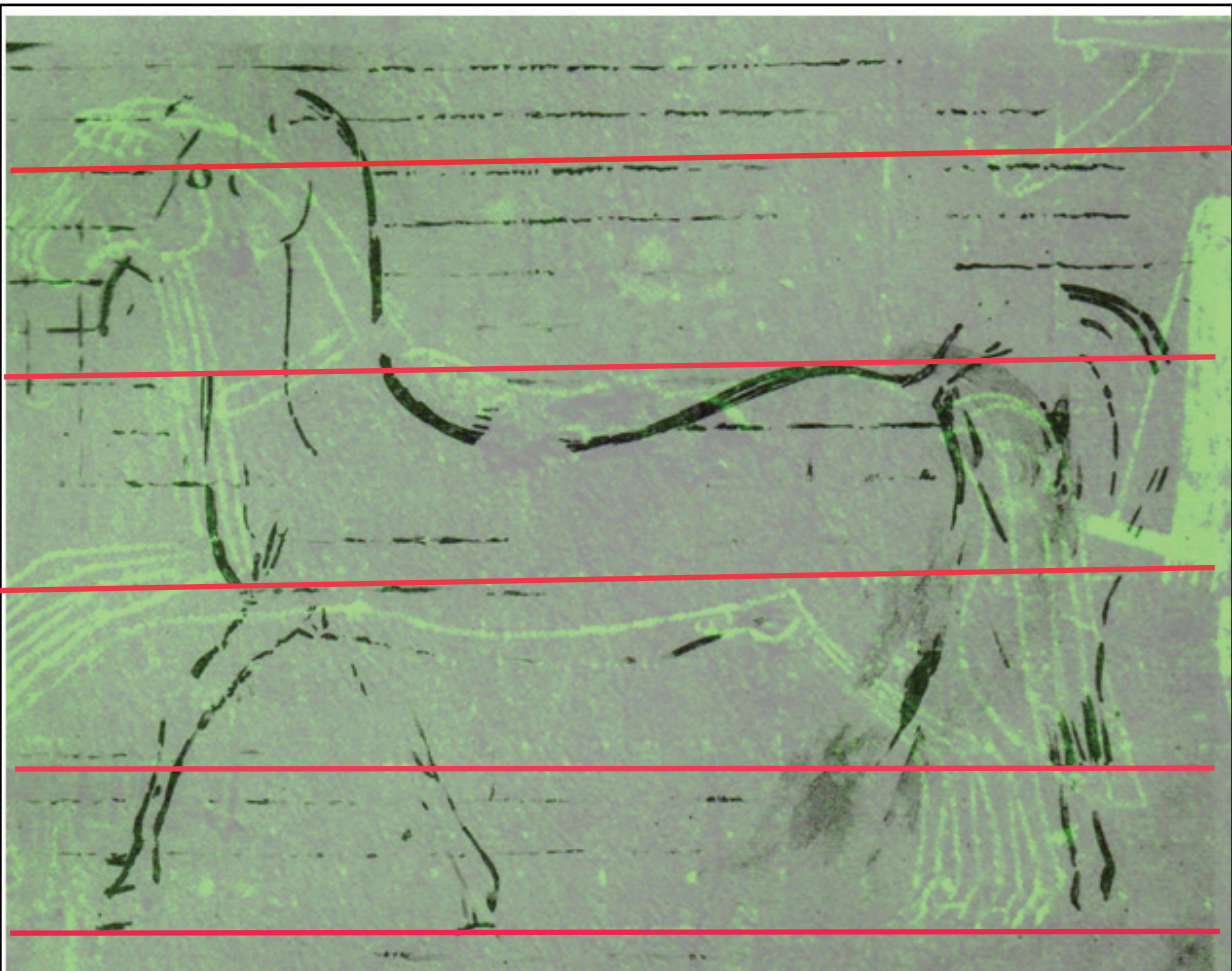


Fig. 7.15
Grid Lines
Digitally altered images- Calcite tablet(Green) and Suemnut TT 92

CHAPTER 7

LAYERING/ OVERLAPPING

Horizontal Overlapping



Fig. 7.15
Amenemhet TT 123
Davies (1932) *The Work of the Graphic Branch*. fig. 8.



Fig. 7.16
Haremheb TT 78
Brack & Brack (1980) *das Grab des Haremheb. Theben Nr. 78*. pl.87.



Fig. 7.17
Menna (TT 69)
Rommelaere (1991) *Les chevaux du nouvel empire Egyptien*, pl.69.

CHAPTER 7

Vertical Layering

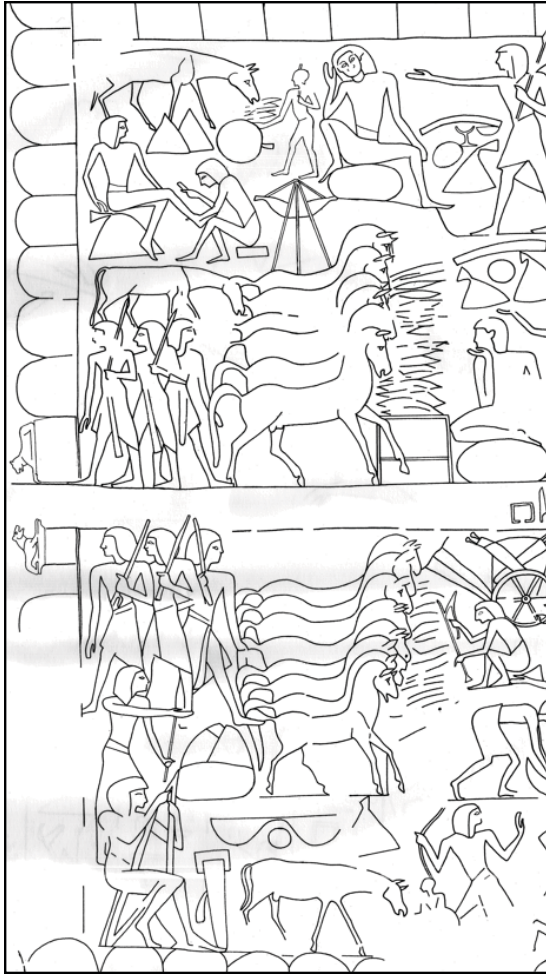


Fig. 7.18
Connected Vertical Layering.
Desroches-Nobelcourt (1971) *grand temple d'Abou Simbel: la bataille de Qadech*, pl.4.



Fig. 7.19
Disconnected Vertical Layering. Desroches-
Nobelcourt (1971) *grand temple d'Abou Simbel: la bataille de Qadech*, pl.4.

CHAPTER 7

Overlapping



Fig. 7.20
Tjanuni TT 74
Brack & Brack (1977) *Das Grab des Tjanuni. Theben Nr. 74*, pl.39.



Fig. 7.21
Haremheb TT 78
Brack & Brack (1980) *das Grab des Haremheb. Theben Nr. 78*, pl.87.

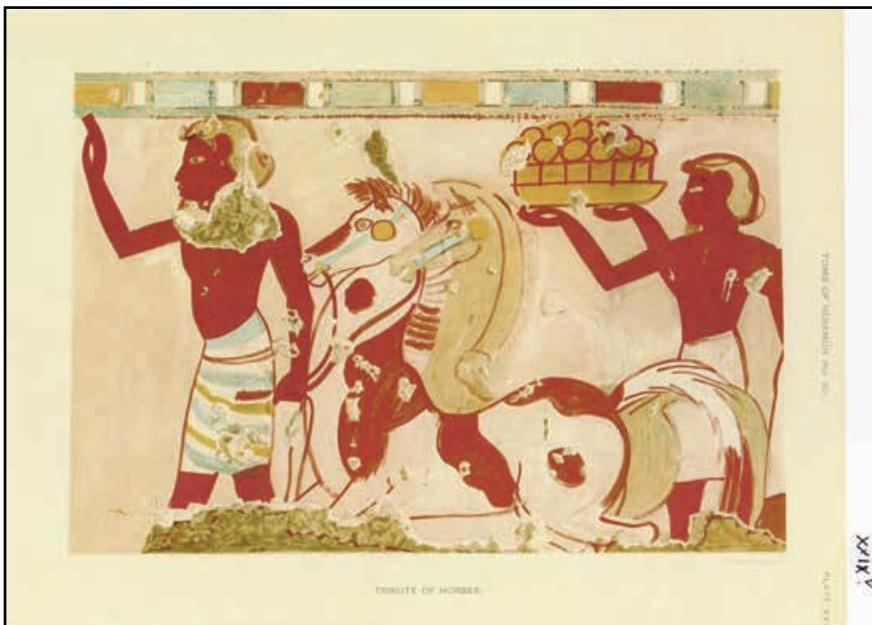


Fig. 7.22
Nebamun TT 90
Davies (1923) *The Tombs of Two Officials of Thutmose IV*, pl.29.

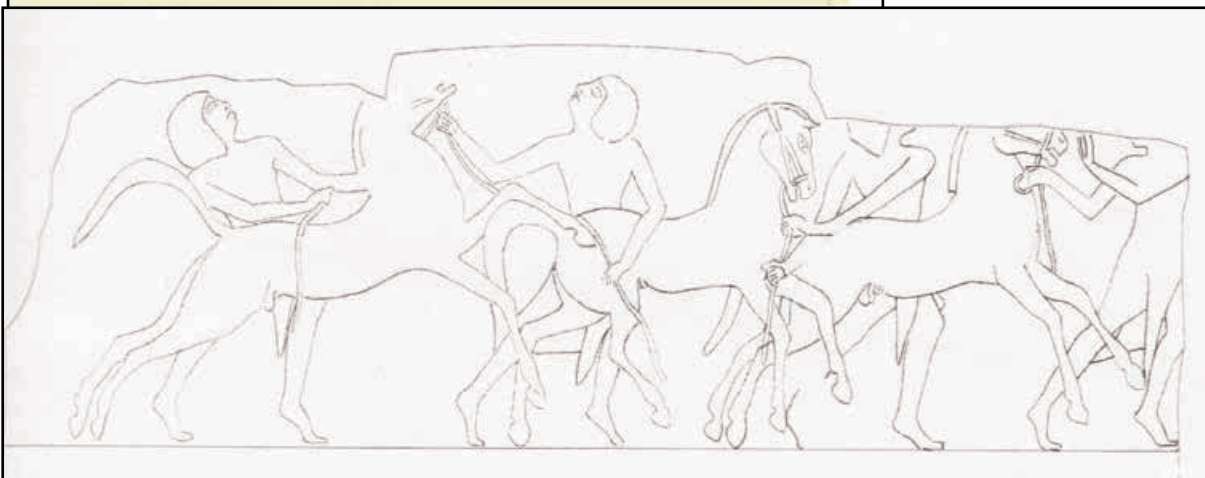


Fig. 7.23
Ipuia
Quibell, & Hayter (1927) *Excavations at Saqqara*, pl.12.

CHAPTER 7

Proportion.



Fig. 7.24

Amenhotep Sisi TT 75

Wreszinski (1988) *Atlas zur altaegyptischen Kulturegeschichte*, pl.240.

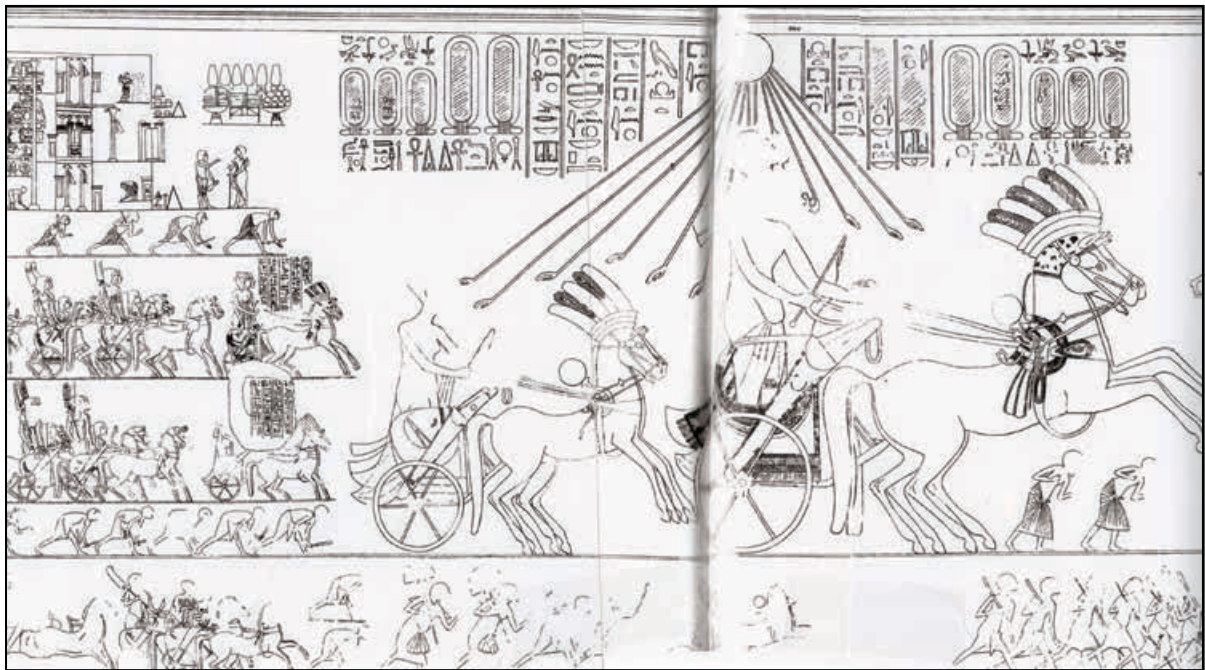


Fig. 7.25

Meryre I

Davies (1903) *The Tomb of Meryre*, pl.10.



Fig. 7.26
Panehesy Amarna
Davies (1905) *The Tombs of Panehesy and Meryre II*, pl.11.



Fig. 7.27
Paheri,
Tylor & Griffith (1895) *The Tomb of Paheri*, pl.3.



Fig. 7.28
Anonymous B TT 143
Davies (1935) *Work of the Graphic Branch*, fig.3.

FIG. 3. AN EGYPTIAN EXPEDITION TO THE RED SEA



Fig. 7.29

Userhat TT 56

Beenlich-Seeber & Gaffar Shedid (1987) *Das grab des Userhat (TT 56)* pls. 14/15.

CATEGORY	DESCRIPTION	NUMBER OF TOMBS (63)	PERCENTAGE OF TOTAL	TOMBS (examples)
1	Small horses- Head at shoulders withers at hip	5	7.8%	Rekhmire TT 100
2	Small horses- Head at shoulders withers at waist	7	10.9%	Menkheperasonb TT 86
3	Head at head withers at hip	4	6.2%	Amenemhet TT 123, Userhat TT 56, Haremheb TT 78
4	Head at head withers at waist	38	59.3%	Nebamun (fragments) Mahu, Anonymous B TT 143, Amenhotep II (Luxor block)
5	Horse head above human withers at waist	3	4.7%	Amenmose TT 42
6	Horse head above human withers to shoulders	7	10.9%	Meryre I, Ay (official) Penthu, Amenemope TT 41.

Fig. 7.30 Categories of horse proportions.

CHAPTER 7

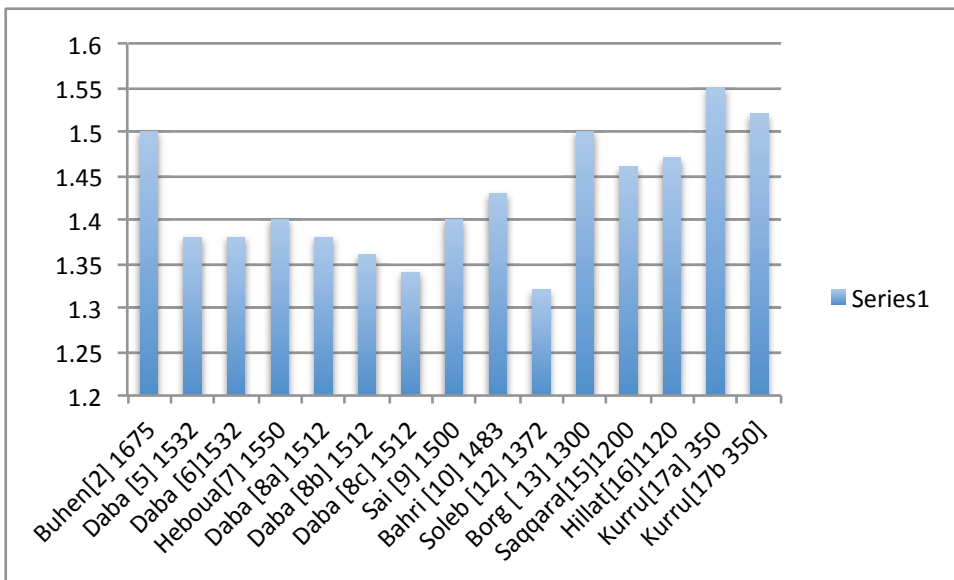


Fig. 7.31 Comparison of withers heights over time.

Category 1

Head at shoulders withers at hip. Very small horses.

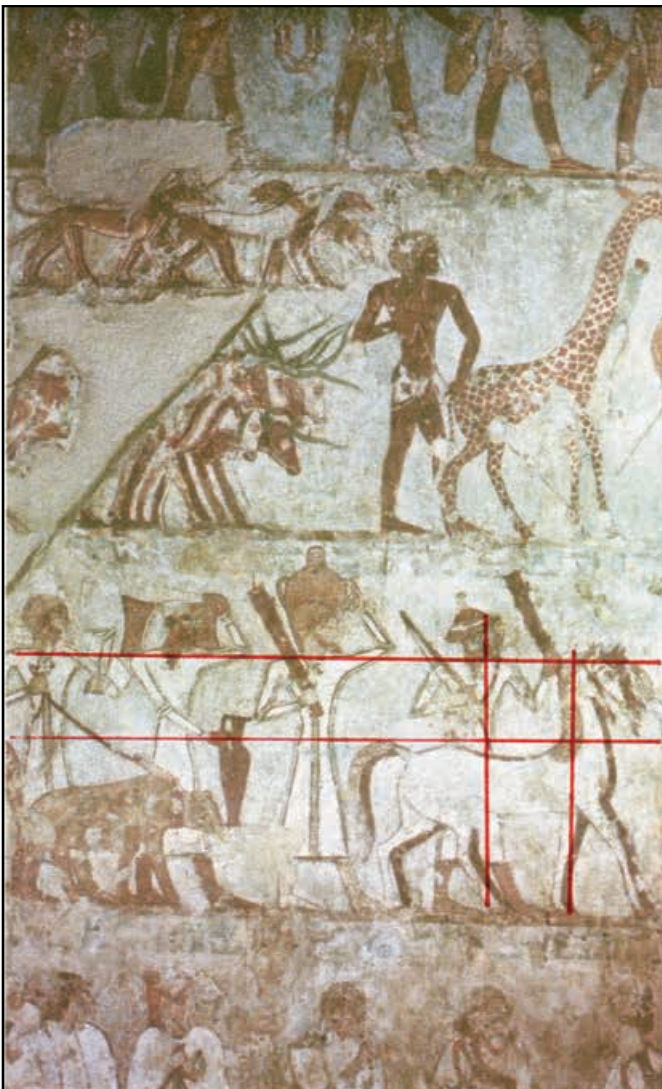


Fig. 7.32
Rekhmire TT 100
Houlihan (1996) *Animal World of the Pharaohs*, pl. 15.

CHAPTER 7

Category 2

Head at shoulders withers at waist. Very small horses.

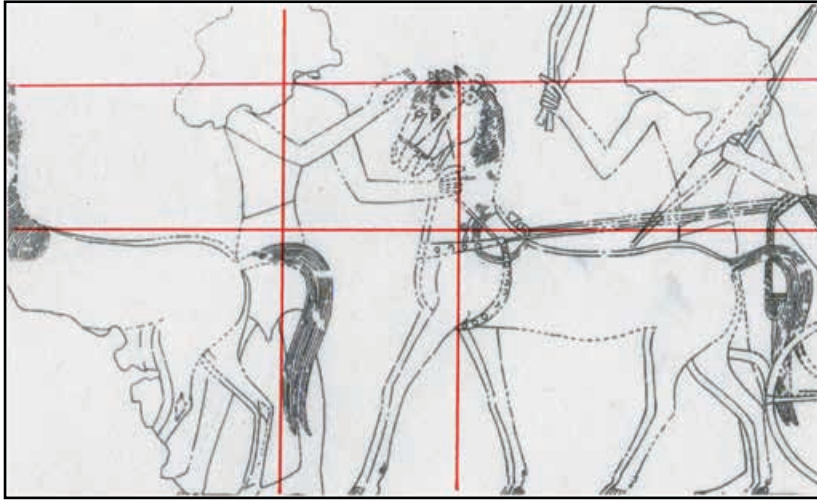


Fig. 7.33
Menkheperasonb TT 86
Davies (1933) *The Tombs of Menkheperasonb, Amernmose and Another.*(Nos. 86, 112, 42 and 226.) pl.7.

Category 3

Head at head withers at hip. Small horses.

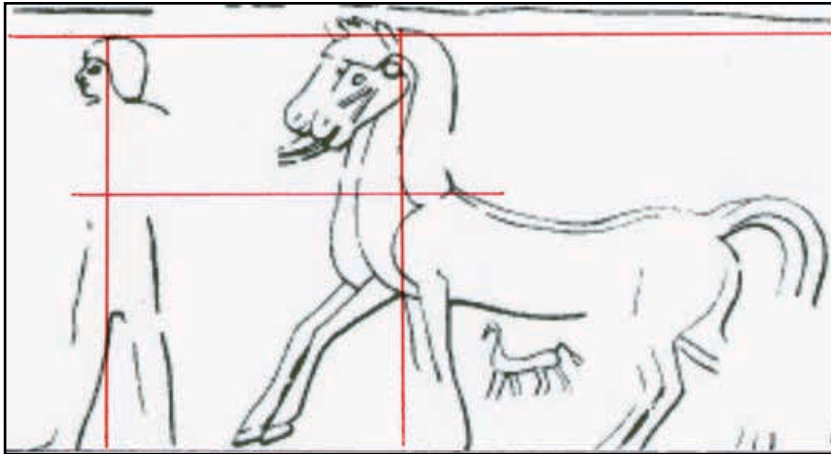


Fig.7.34a.
Amenemhet TT 123
Davies (1932) *The Work of the Graphic Branch.* fig.8.



Fig. 7.34b.
Userhat TT 56
Beenlich-Seeber & Gaffar Shedid
(1987) *Das grab des Userhat (TT 56)* pl. 14/15.



Fig. 7.34c.
Haremheb TT 78
Brack & Brack (1980) *das Grab
des Haremheb. Theben Nr. 78*,
pl.87.

CHAPTER 7

Category 4.

Head at Head withers at waist.



Fig. 7.35a.
Nebamun Fragments
British Museum
BM 37982

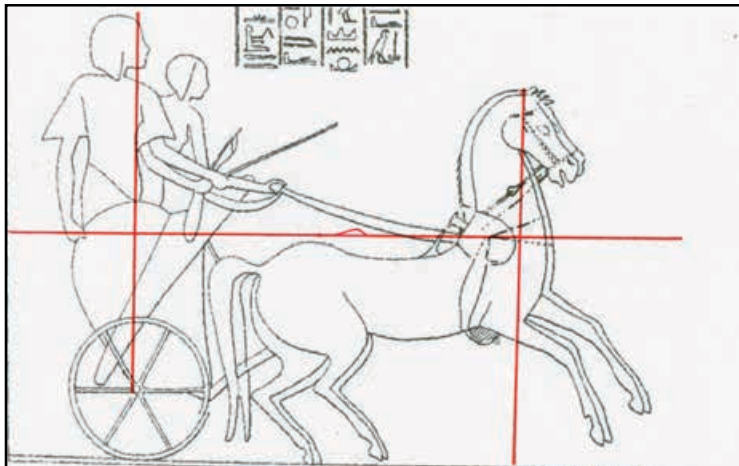


Fig. 7.35b.
Mahu,
Davies (1906) *The Tombs of
Penthu, Mahu and Others*, pl.26.

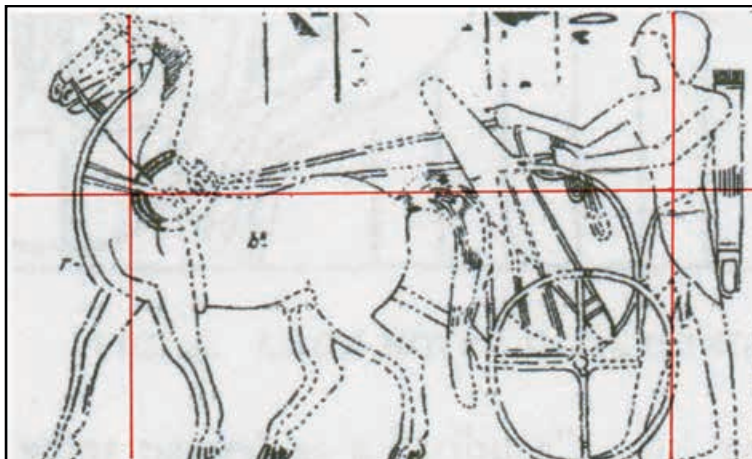


Fig. 7.35c.
Anonymous B TT 143
Davies (1935) *Work of the
Graphic Branch*, fig. 3.

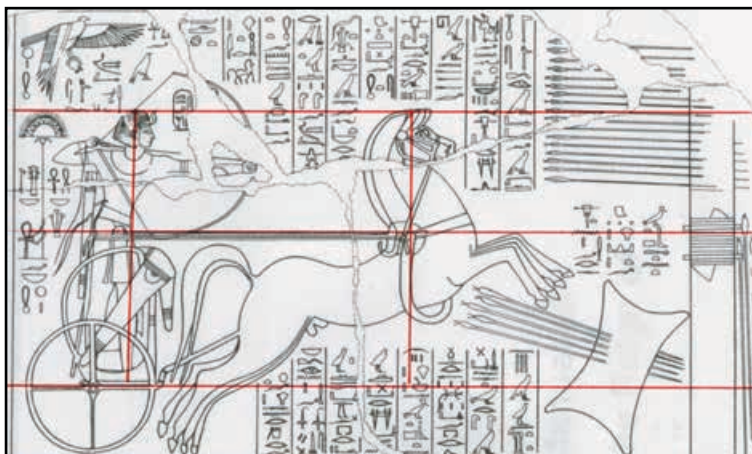


Fig. 7.35d.
Amenhotep II- Luxor Block.
Der Manuelian (1987) *Studies in the
Reign of Amenhotep II*, fig.44.

CHAPTER 7

Category 5.

Horse head above human withers at waist.

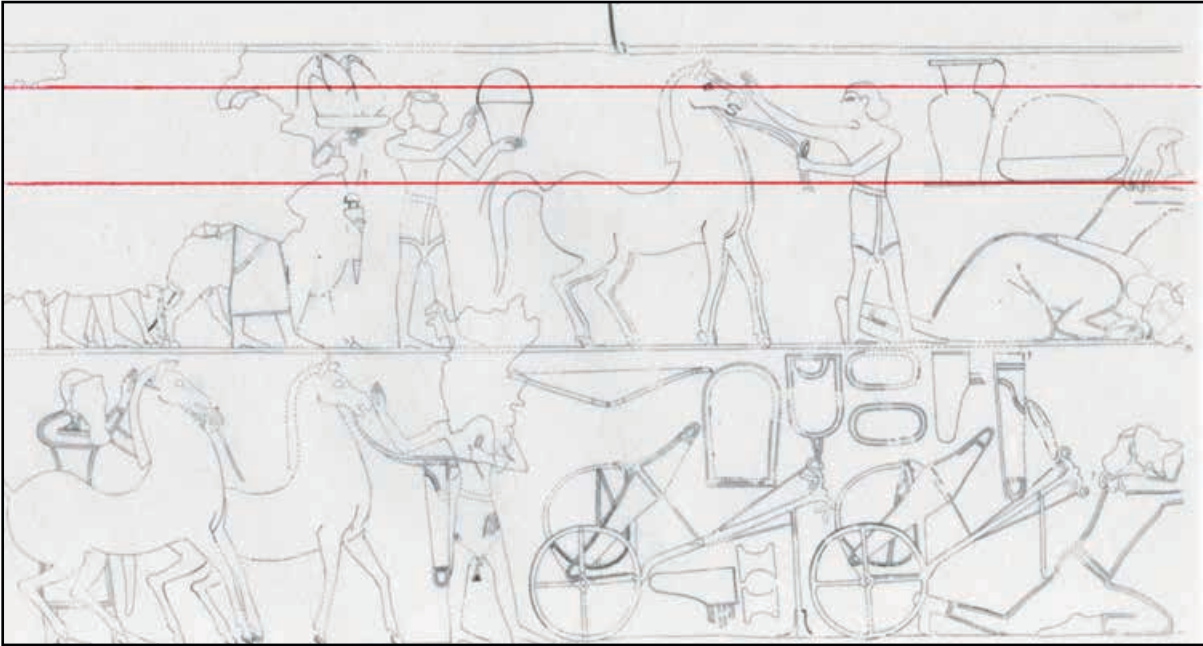


Fig. 7.36

Amenmose TT 42

Rommelaere (1991) *Les chevaux du nouvel Empire Egyptien*, pl. 27.

CHAPTER 7

Category 6.

Horse head above human withers to shoulders.

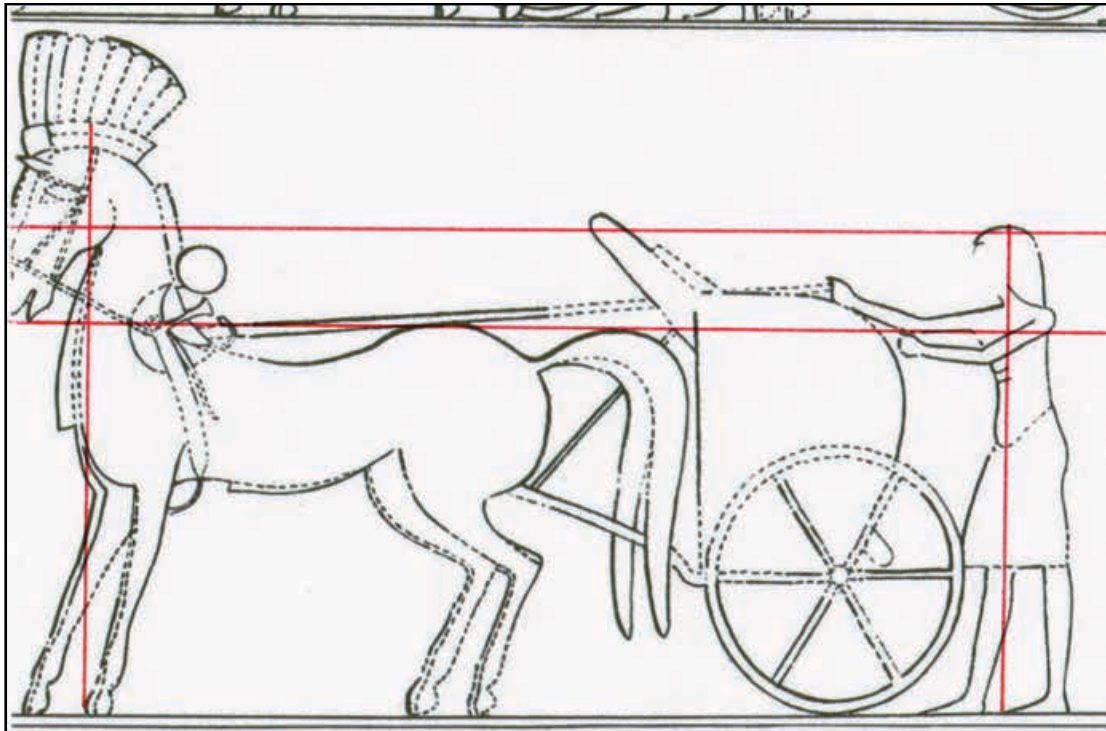


Fig. 7.37a.

Meryre I.

Davies (1903) *The Tomb of Meryre*, pl.10.

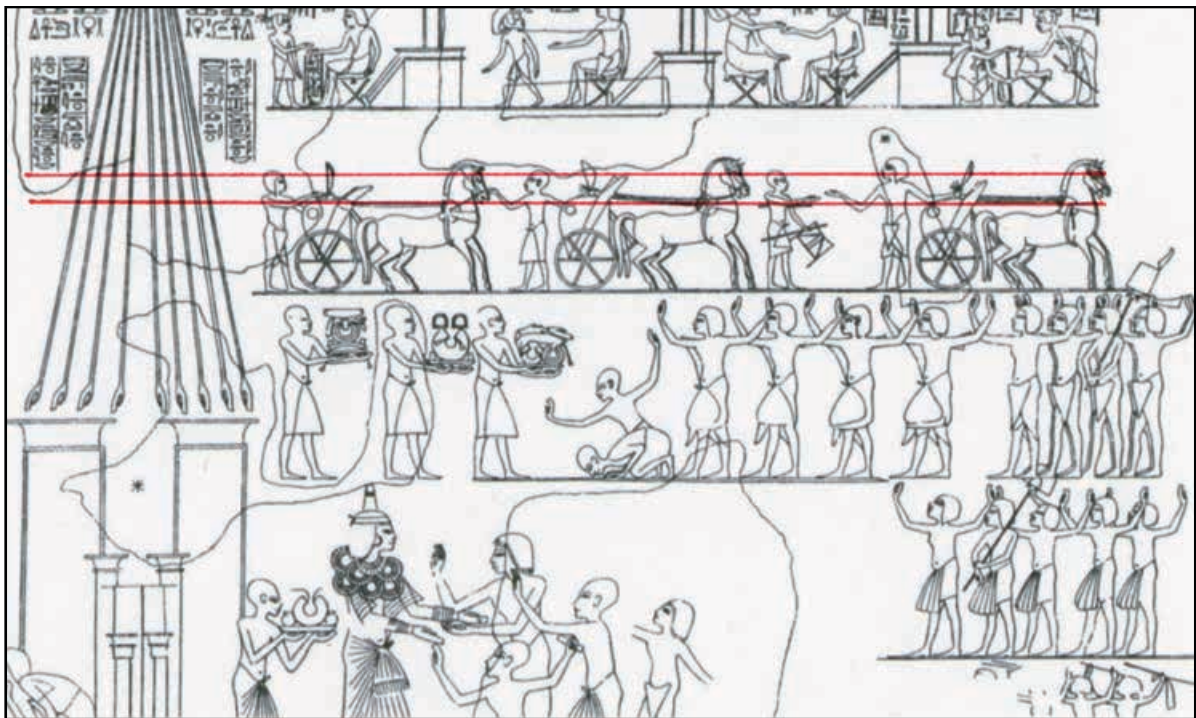


Fig. 7.37b.

Ay,

Davies (1908) *The Tombs of Parennefer, Tutu and Ay*, pl. 30.

CHAPTER 7

Category 6 continued.

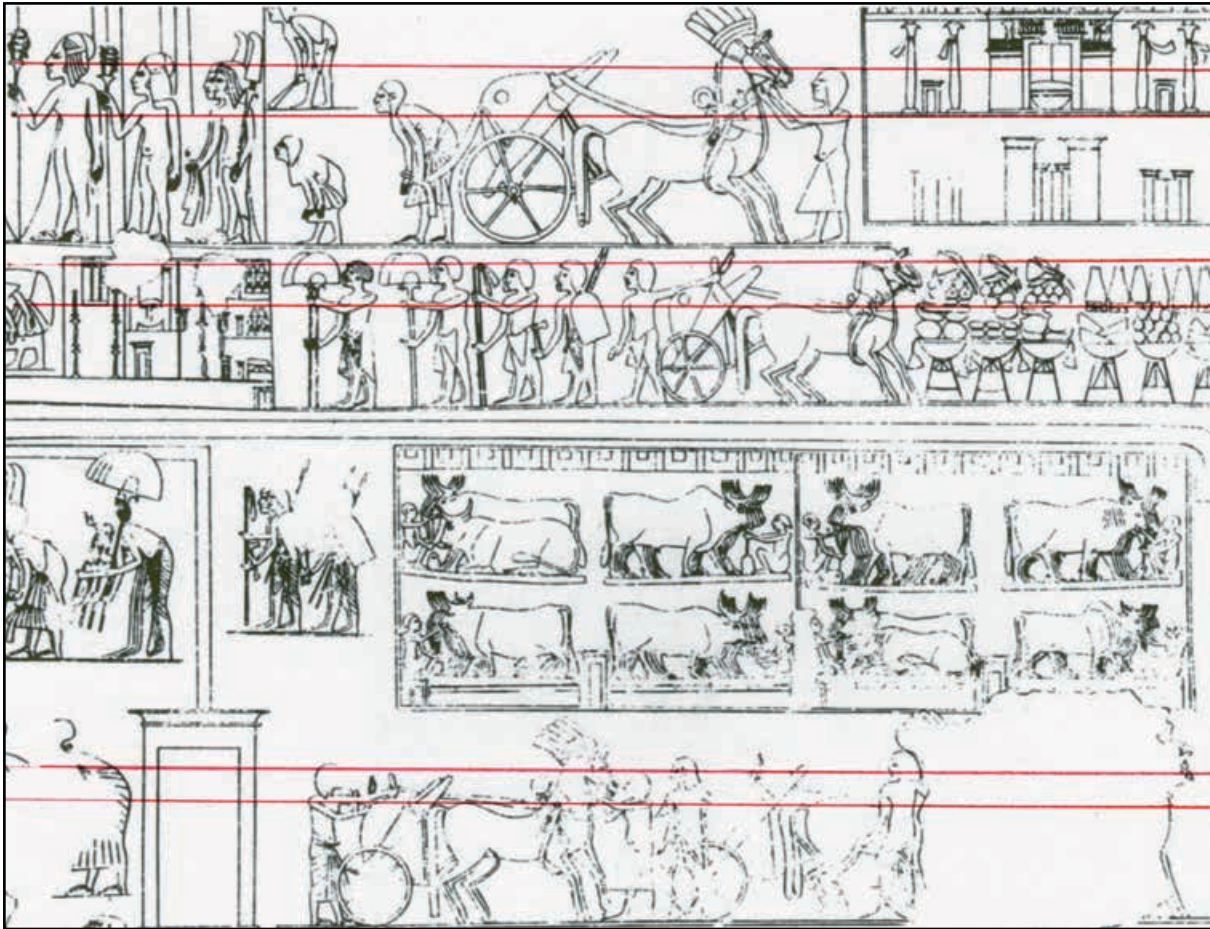


Fig. 7.37c.

Mahu

Davies (1906) *The Tombs of Penthu, Mahu and Others*, pl.26.

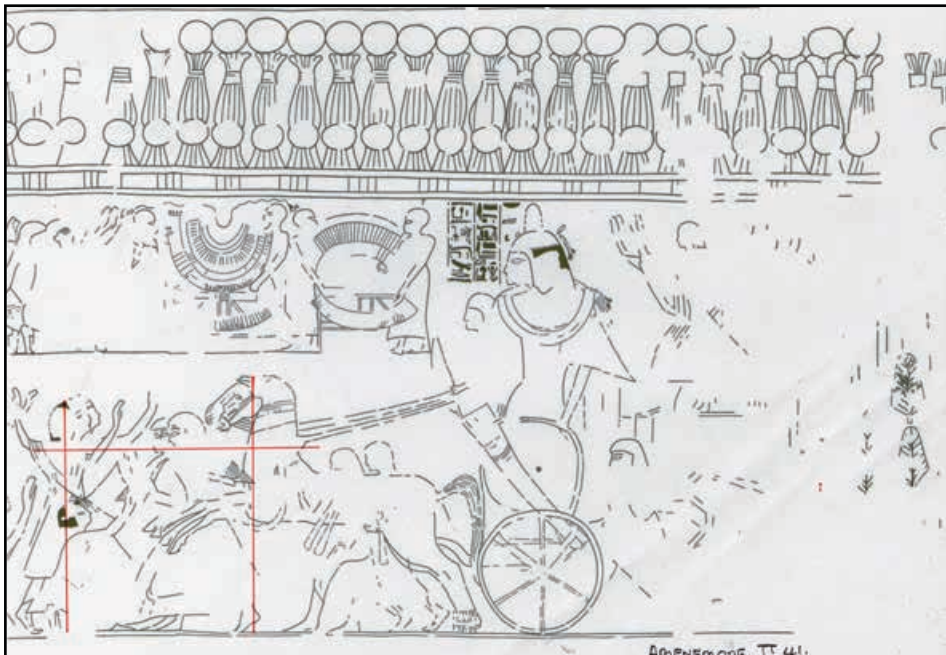


Fig. 7.37d.
Amenemope (TT 41) Assmann
(1991) *Das Grab des Amenemope*,
pl.31.

CHAPTER 7

Fig. 7.38. Proportion of humans to horses overall

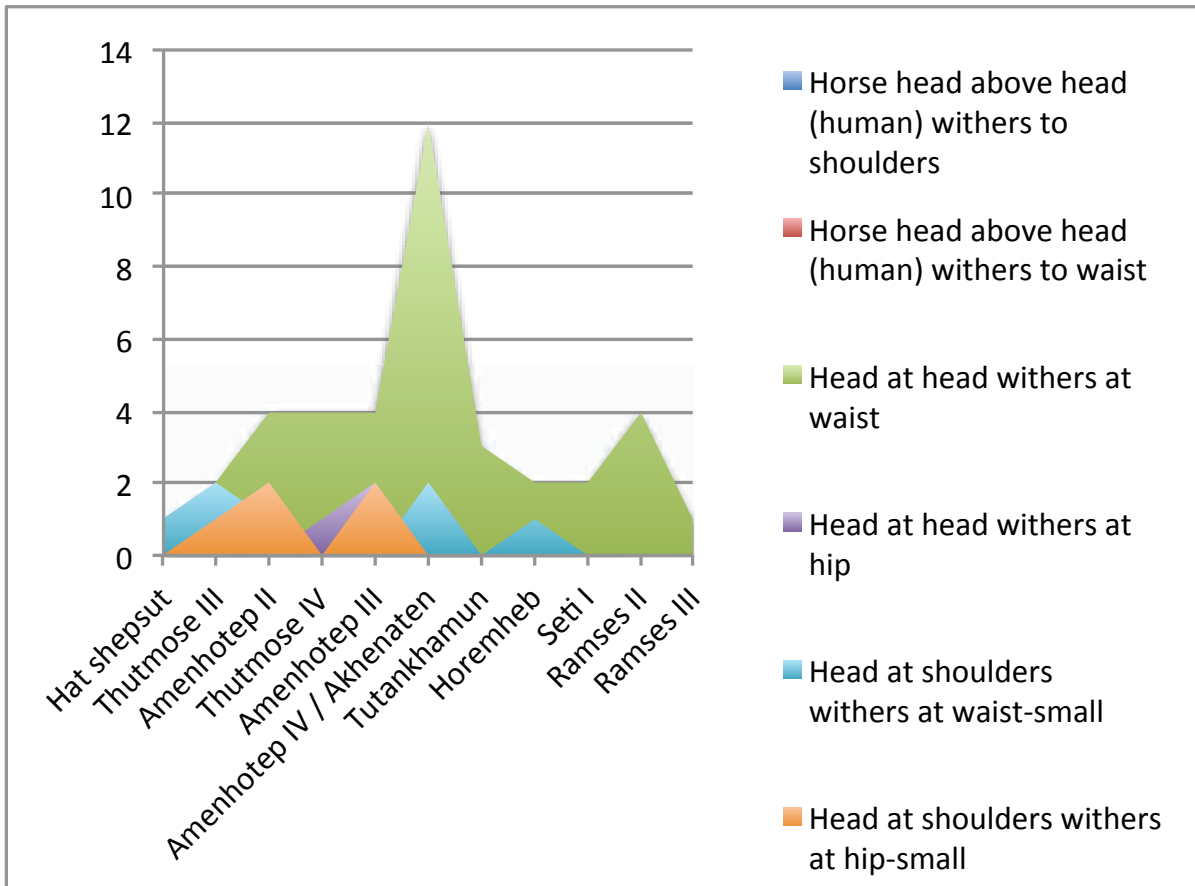
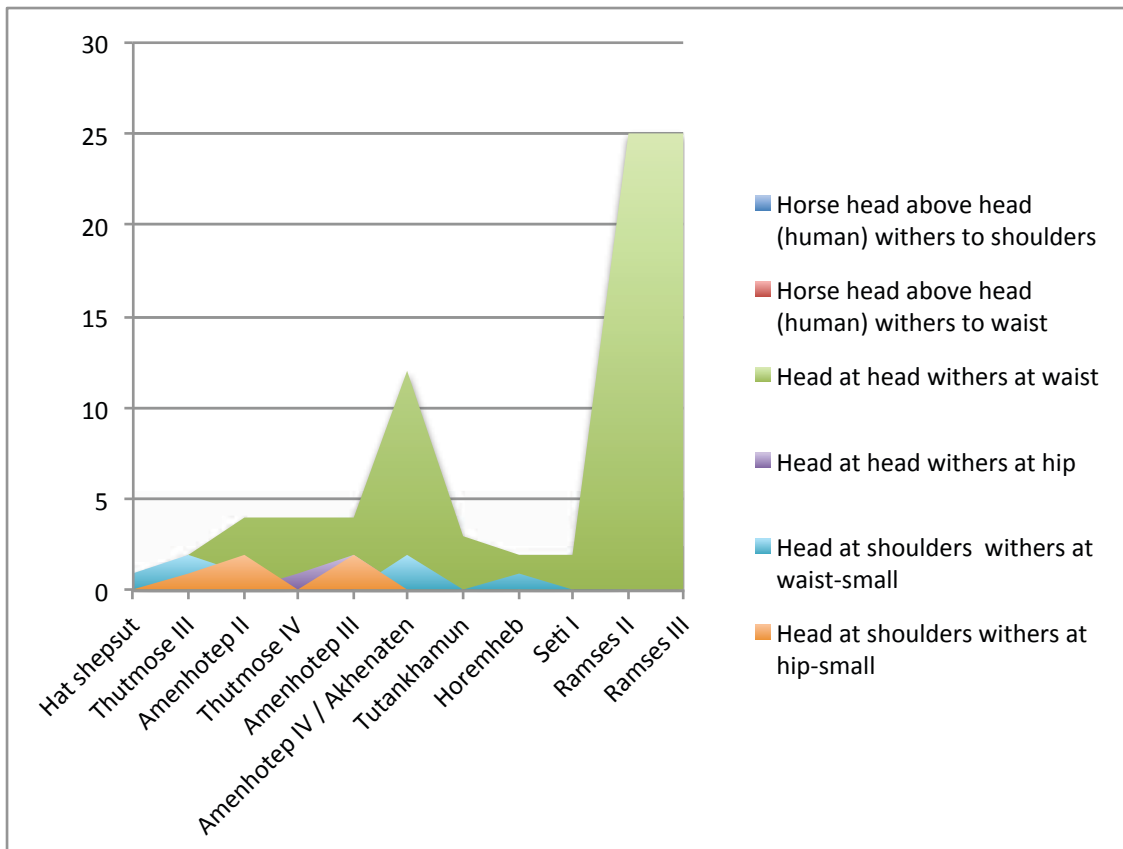


Fig. 7.39 Proportion of humans to horses including Ramesside numbers



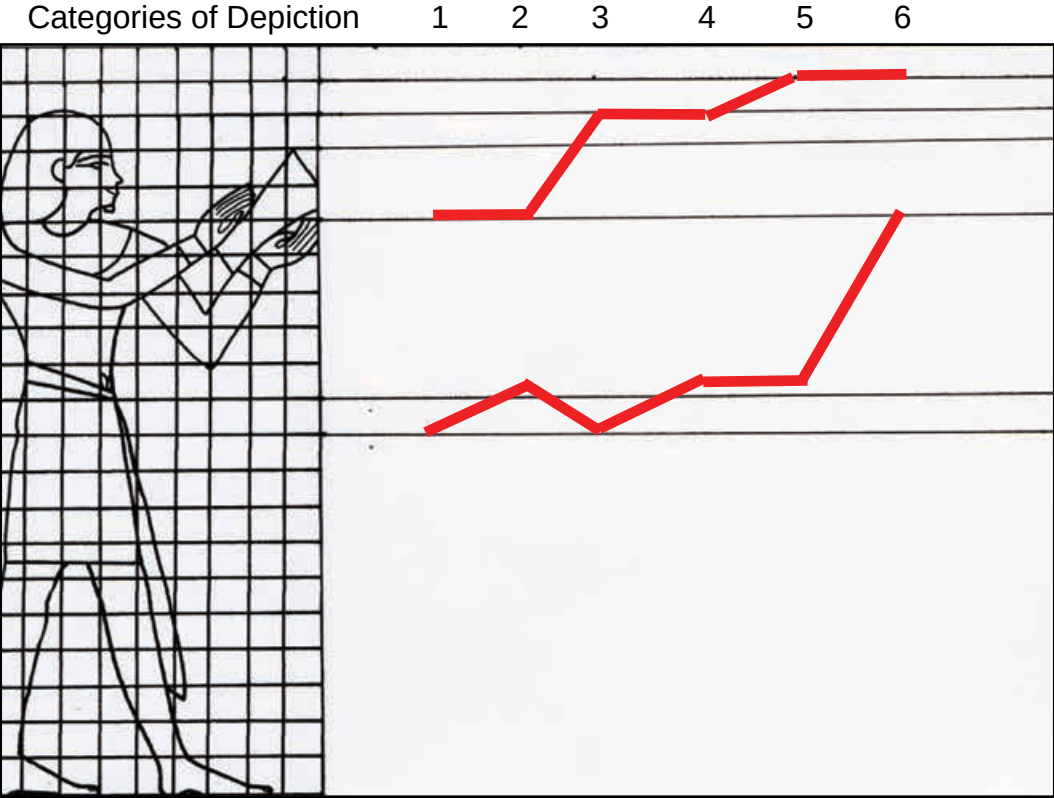


Fig. 7.40
Head and withers heights compared to the height
of the human in direct contact.

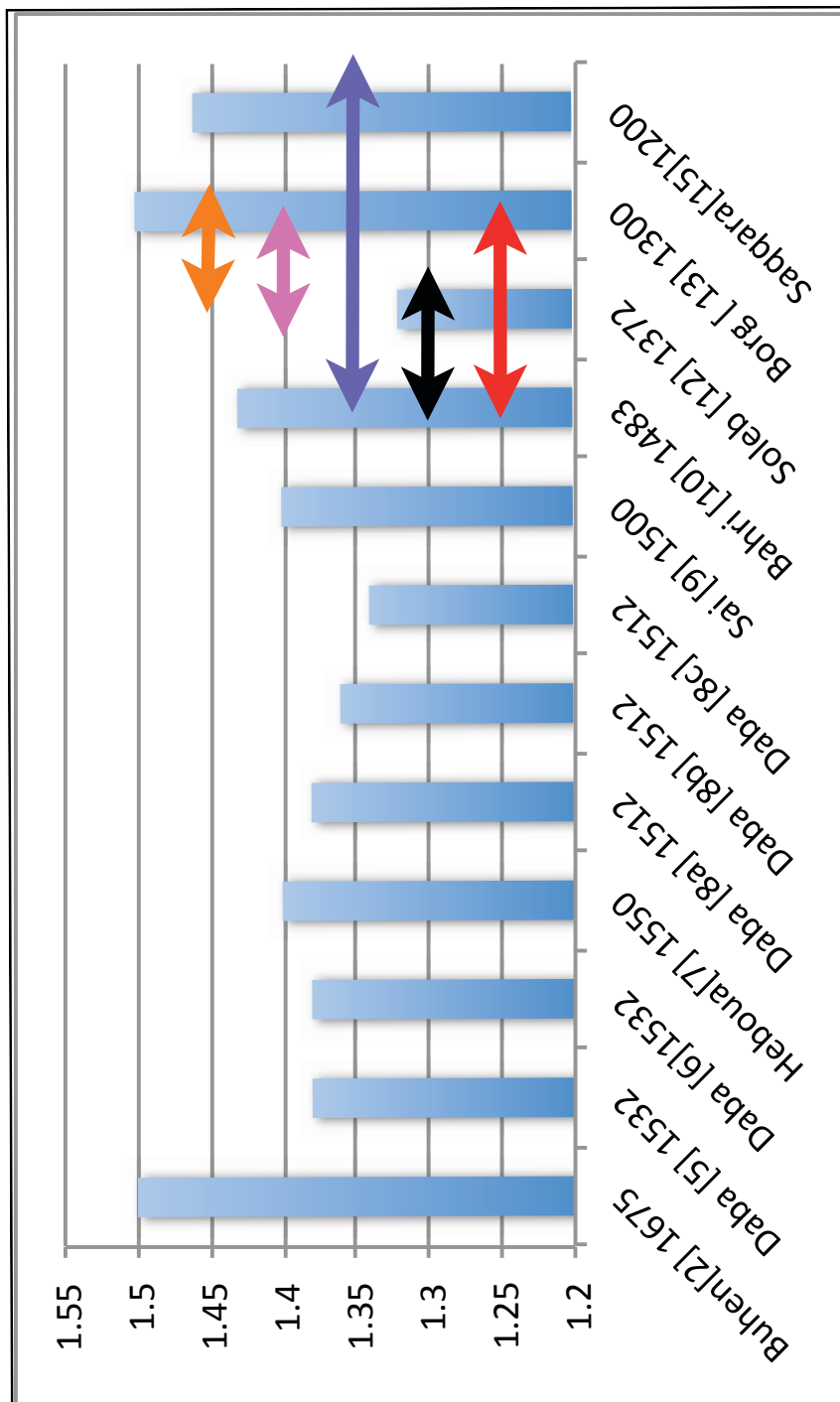


Fig. 7.41

Comparison of Withers Heights over time to Categories of Horse Depiction illustrating the length of time that the various categories occupied.

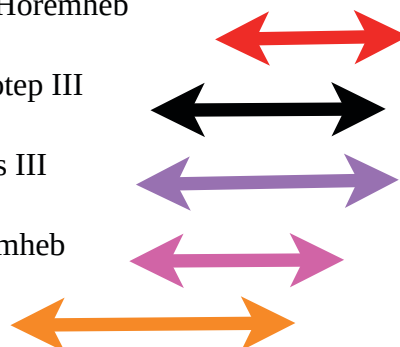
Categories 1 and 2. Hatshepsut to Horemheb

Category 3. Hatshepsut to Amenhotep III

Category 4. Thutmose to Ramesses III

Category 5. Amenhotep II to Horemheb

Category 6. Akhenaten to Seti I



CHAPTER 8

THE HORSE AND REALITY

Category 1 and 2 Horses- “Longiline” or “Gracile.”

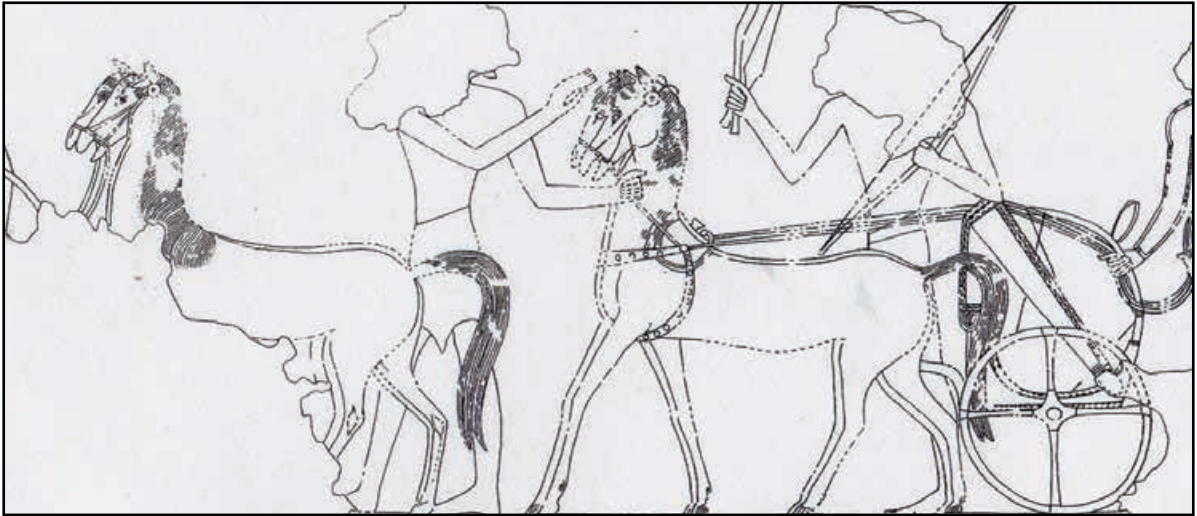


Fig. 8.1
Menkheperasonb TT 86
Davies (1933)
The Tombs of Menkheperasonb, Amernmose and Another.(Nos. 86, 112, 42 and 226.) pl.7.



Fig. 8.2
Rekhmire TT 100.
Houlihan (1996) *Animal World of the Pharaohs*, pl.15.

CHAPTER 8

Category 3



Fig. 8.3
Amenemhet TT 123.
Davies (1932) *The Work of the Graphic Branch*, fig. 8.



Fig. 8.4
Userhat TT 56
Beenlich-Seeber & Gaffar Shedid (1987) *Das grab des Userhat (TT 56)*, pls.14/15.



Fig. 8.5
Haremheb TT 78
Brack & Brack (1980) *Das Grab des Haremheb. Theben Nr. 78*, pl. 87.

CHAPTER 8

Category 4

Horses- “Breviligne” or “Robust”



Fig. 8.6
Amenhotep II.
Schulz & Sourouzian (1998) “The
Temples- Royal Gods and Divine Kings”
in Schulz & Siedel (1998) *Egypt The
World of the Pharaohs*, fig. 23.



Fig. 8.7
Nebamun (Fragments)
British Museum
BM 37982.



Fig. 8.8
Mahu
Davies (1906) *The Tombs of Penthu,
Mahu and Others*, pl.26.



Fig. 8.9
Ramesses II Mortuary Temple-
Abydos.
Photo. S. Turner.

CHAPTER 8

Category 5 and 6 Horses- Taller

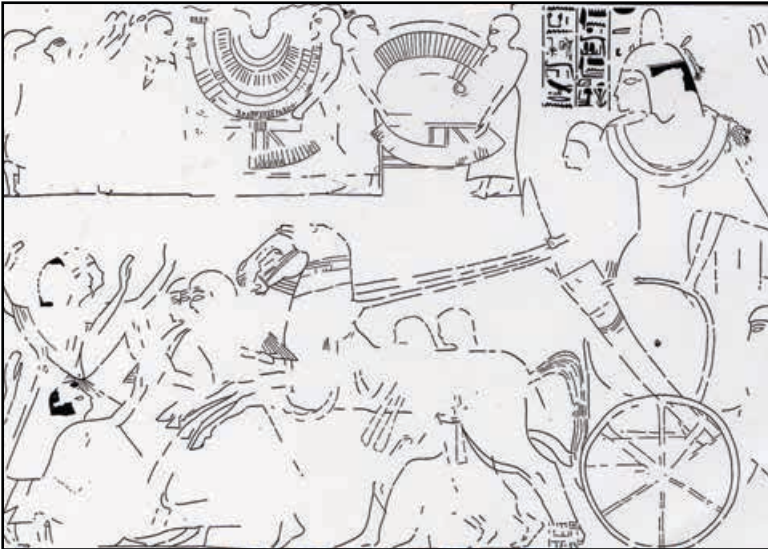


Fig. 8.10
Amenemope TT 41
Assmann (1991) *Das Grab des Amenemope*,
pl. 31.

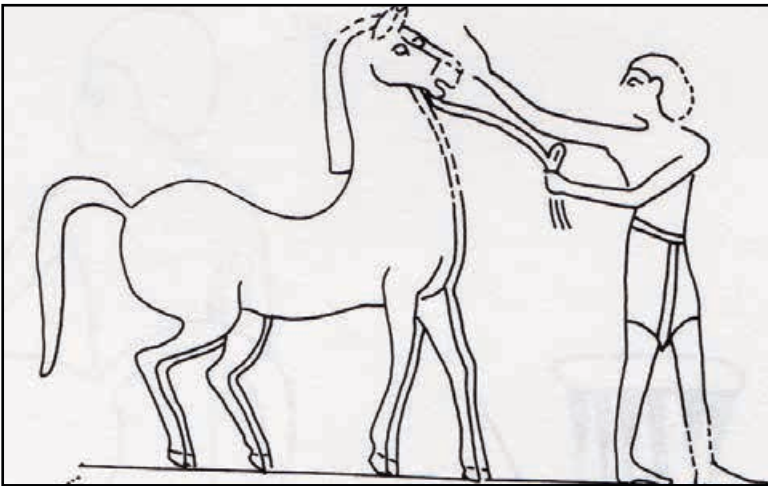


Fig. 8.11
Amenmose TT 42
Rommelaere (1991) *Les Chevaux du Nouvel Empire Egyptien*, pl. 27.



Fig. 8.12
Meryre I
Germond & Livet (2001) *An Egyptian Bestiary*,
pl. 104.



Fig. 8.13
Ay-official
Davies (1908) *The Tombs of Parennefer, Tutu and Ay*, pl. 30.

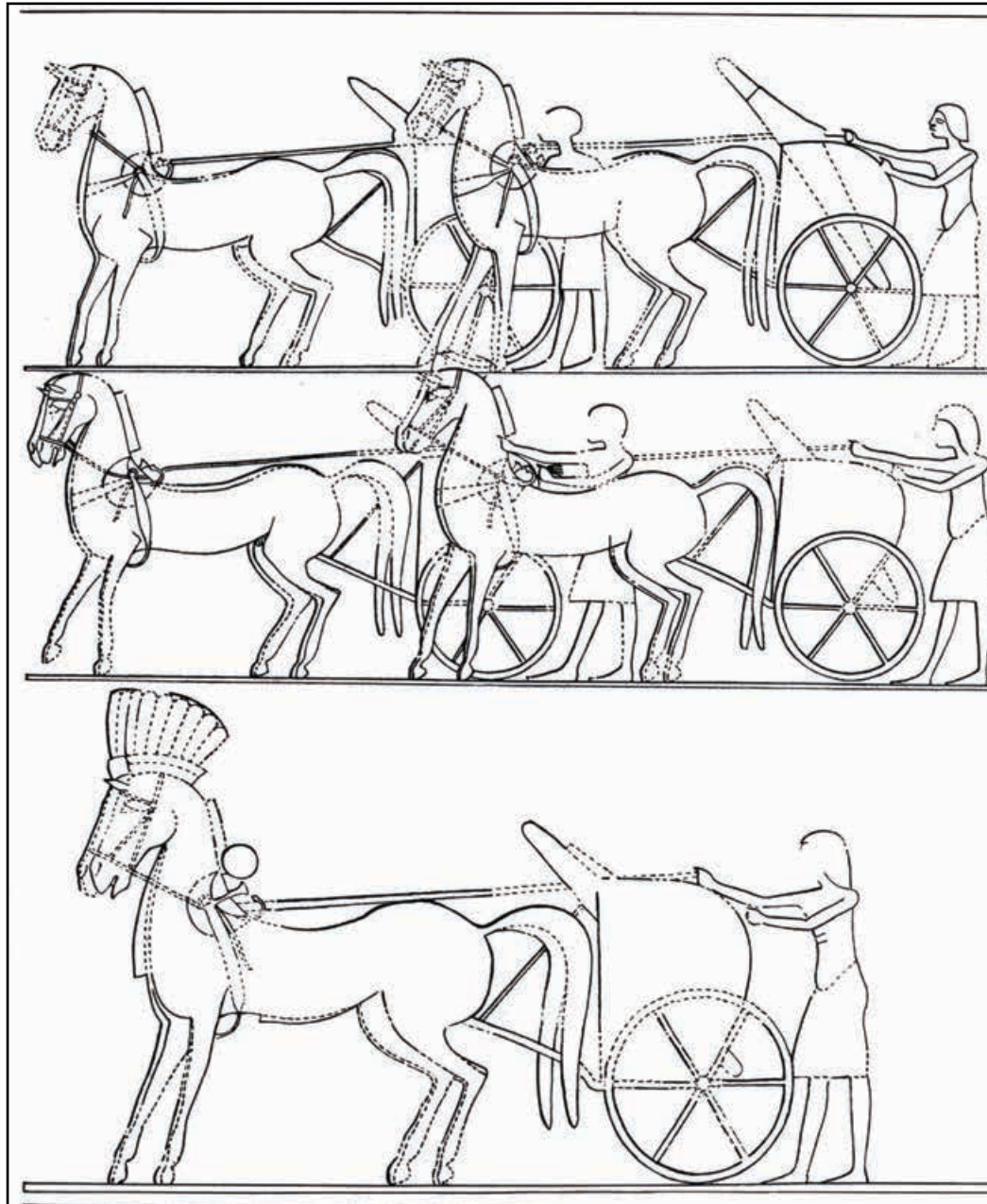


Fig. 8.14
Penthu
Davies (1906) *The Tombs of Penthu, Mahu and Others*, pl.5.

CHAPTER 8

Possible Construction Methods

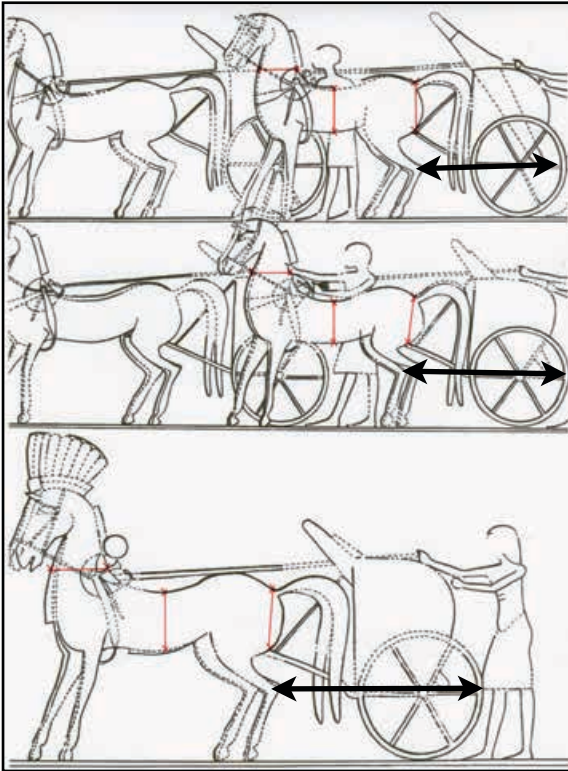


Fig. 8.15
Penthu
Davies (1906) *The Tombs of Penthu, Mahu and Others*, pl. 5.

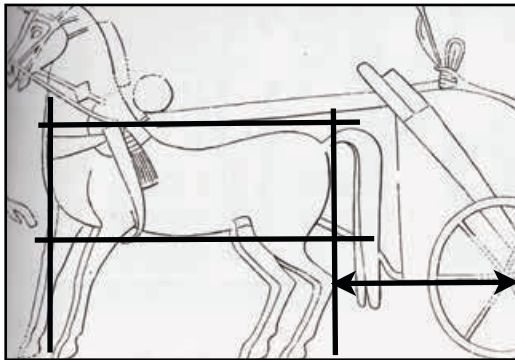


Fig. 8.16
Meryre I
Davies (1903) *The Tomb of Meryre*, pl. 10.

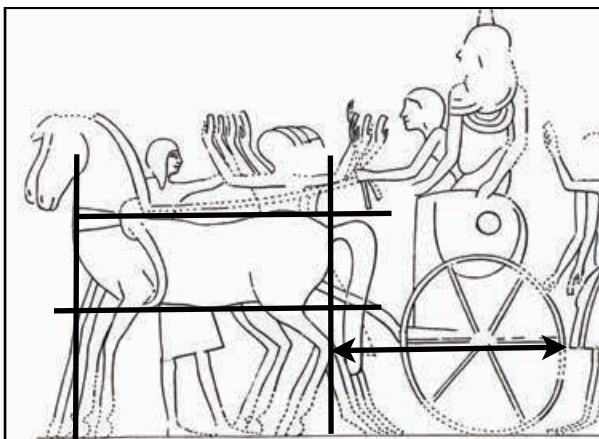


Fig. 8.17
Meryre II
Davies (1905) *The Tombs of Panehesy and Meryre II*, pl. 33.

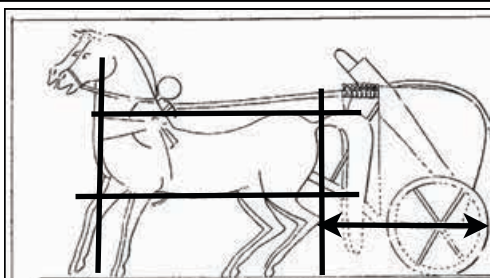


Fig. 8.18
Panehesy
Davies (1905) *The Tombs of Panehesy and Meryre II*, pl. 11.

CHAPTER 8

Accuracy- Ears



Fig. 8.19
Menna TT 69
Rommelaere (1991) *Les chevaux du nouvel Empire Egyptien*, pl. 3.



Fig. 8.20
Tutankhamun
Davies & Gardiner (1962) *Tutankhamun's Painted Box*, pl.1.



Fig. 8.21
A horse demonstrating fear or aggression.
www.horseforum.com

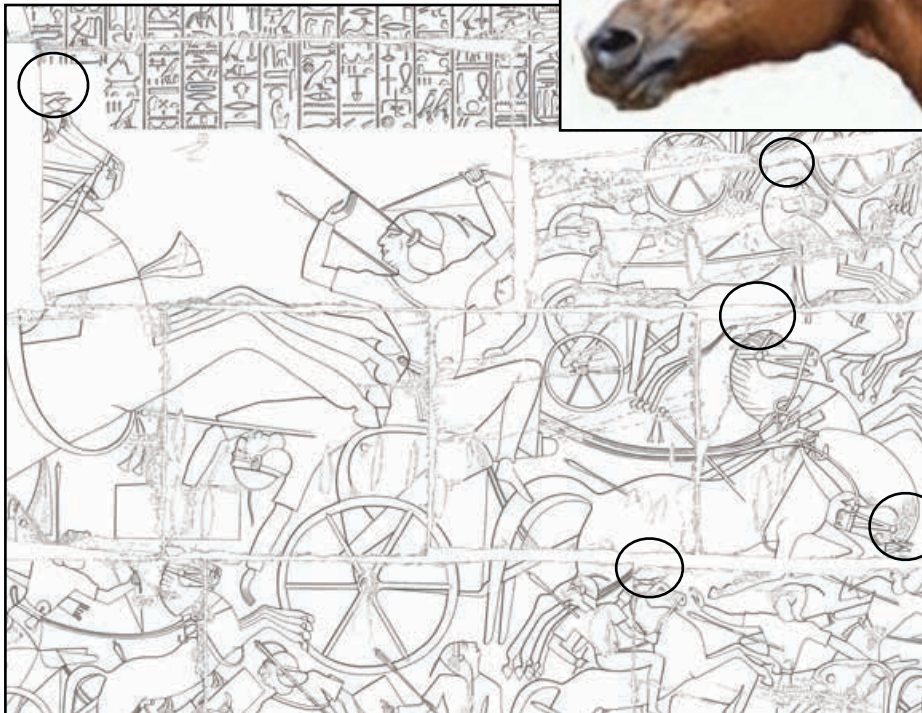


Fig. 8.22
Seti I in battle against the Hittites
Horses demonstrating fear and aggression
The Epigraphic Survey (1986) *The Battle Reliefs of King Sety I*, pl.34.

CHAPTER 8

Horse Colours



Fig. 8.23
McBane & Douglas-Cooper(2009) *Horse Facts*, 34.



Fig. 8.24
Nebamun (fragments)
Rommelaere (1991) *Les Chevaux du Nouvel Empire Egyptien*, pl.6.



Fig. 8.25
Horemheb, Saqqara
Photo. S. Turner.

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Fig. 8. 26
Menkheperresonb TT 86
Rommelaere (1991) *Les chevaux du nouvel
Empire Egyptien*, pl. 6.



Fig. 8.27
Senniferi TT 99
Nigel Strudwick
www.fitzmuseum.cam.ac.uk
7/02/2010



Fig. 8.28
Rekhmire TT 100
Rommelaere (1991) *Les chevaux du nouvel
Empire Egyptien*, pl.2.



Fig. 8.29
Paheri
Photo. S. Turner.

CHAPTER 8



Fig. 8.30
Userhat TT 56
Beinlich-Seeber (1987) *Das Grab des Userhat TT 56*, 431.



Fig. 8.31
Tjanuni TT74
Germond & Livet (2001) *An Egyptian Bestiary*, pl. 34.



Fig. 8.32
Amenmose TT 89
Roberta Shaw email 9/1/2010
Photo P. McDonald



Fig. 8.33
Haremheb TT 78
Brack & Brack (1977) *Das Grab des Haremheb Theben Nr. 78*, pl.9.

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Fig. 8.34
Menna TT69
Rommelaere (1991) *Les chevaux du nouvel empire Egyptien*, pl.3.



Fig. 8.35
Nebamun TT 90
Davies (1923) *Tomb of Two Officials*, pl.29.



Fig. 8.36
Nebamun (Fragments)
Rommelaere (1991) *Les chevaux du nouvel empire Egyptien*, pl.6.



Fig. 8.37
Sobekhotep TT 63
Robins (1997) *The Art of Ancient Egypt*, fig.160.

CHAPTER 8



Fig. 8.38
Meryre I
Photo.S.Turner.



Fig. 8.39
Amenhotep Huy TT40
Boulanger (1965) *Egyptian and Near Eastern Painting*, 13.



Fig. 8.40
Tutankhamun
Davies & Gardiner (1962)
Tutankhamun's Painted Box, pl.1.

CHAPTER 8



Fig. 8.41
Apuia
Photo.S. Turner.



Fig. 8.42
Parennefer TT-162-
Hoffmann (2004)
*Bilder im Wandel. Die Kunst der
Ramessidschen Privatgrabe*, pl.3.



Fig. 8.43
Beit El Wali Cast , The Trustees of the British Museum, AN 98881.



Fig. 8.44
Nebamun Fragments
Parkinson (2008) *The Painted Tomb Chapel of
Nebamun*, pl.109.

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Fig. 8.45
Nebamun (Fragments)
Johns (2006) *Horses*,
History, Myth and Art, 142.



Fig. 8. 46
Mastaba of Ti
www.osirisnet.com



Fig. 8. 47
Mastaba of Iti
Ghafter Shedid (1998) "A House for Eternity-The
Tombs of Governors and Officials," in Schultz &
Seidel (1998) *Egypt*, pl. 33.

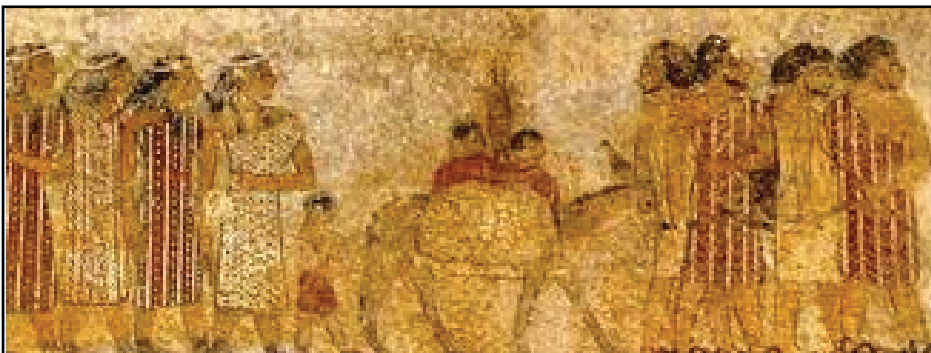


Fig. 8.48
Beni Hassan
www.commonswiki.org
5/18/13

CHAPTER 8

Depicting Movements- Gaits

Stand- Passive

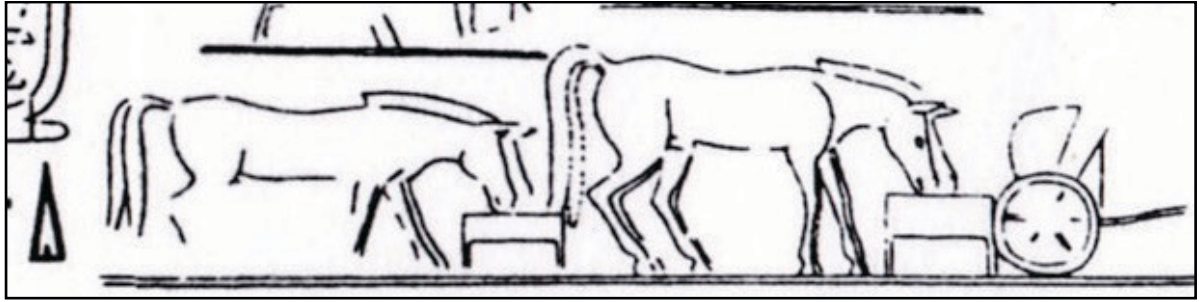


Fig. 8.49

Tutu. Horses feeding.

Davies (1908) *The Rock Tombs of El-Amarna, Pt VI - Tombs of Parennefer, Tutu and Ay*, pl.20.



Fig. 8.50

Kenamun TT 162.

Davies. Nina (1963) *Scenes from Some Theban Tombs*, pl. 18.



Fig. 8.51

Passive stand

www.123rf.com

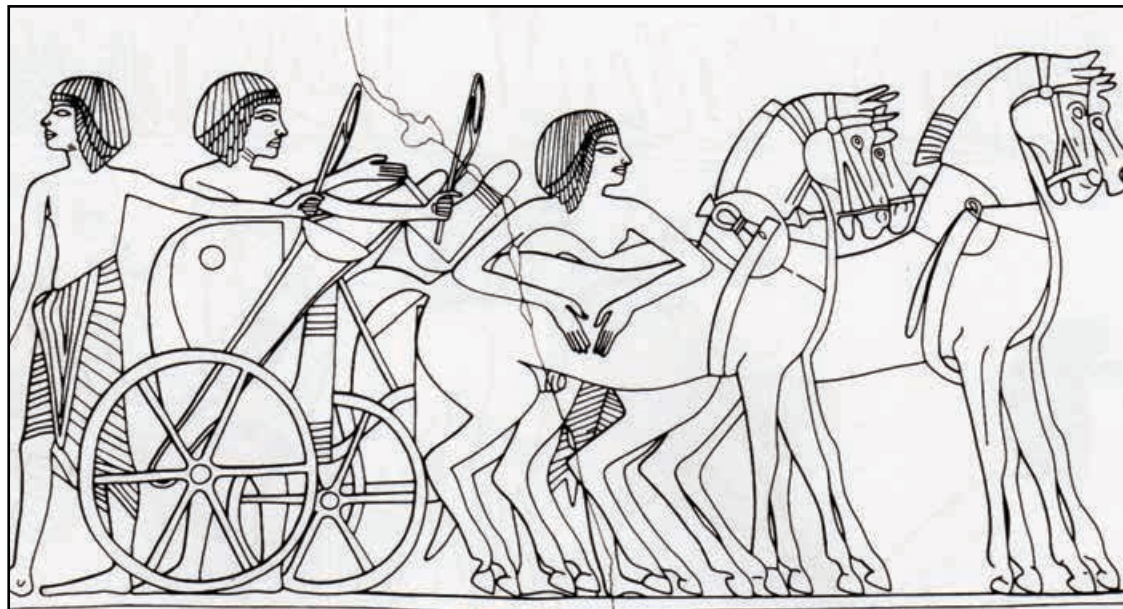


Fig. 8.52

Horemheb Saqqara

Martin (1989) *The Memphite Tomb of Horemheb Commander-in-Chief of Tutankhamun*, pl. 95.

CHAPTER 8

Stand- Active



Fig. 8.53
Tjanuni TT 74.
Brack & Brack (1977) *Das Grab des Tjanuni. Theben Nr. 74*. pl.39.



www.votors.org

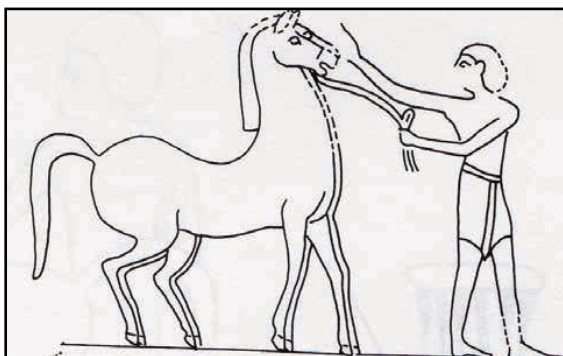


Fig. 8.54
Amenmose TT 42.
Davies (1933) *The Tombs of Menkheperresonb, Amenmose and Another*. (Nos. 86, 112, 42, 226) pl. 35.



Fig. 8.55
Khaemhat TT 57.
Siliotti (1996) *Guide to the Valley of the Kings and to the Theban Necropolises and Temples*, 141,D. fig. D,141.



Fig. 8.56
Menna TT 69
Rommelaere (1991) *Les chevaux du nouvel empire Egyptien*, pl.3.

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Fig. 8. 57
Nebamun (Fragments)
British Museum BM 37982.



Fig. 8. 58
Williams (1930) *Wall Decoration of the Main Temple of the Sun at El-Amarna*, 2, fig.8.



Fig. 8.59
Seti I University of Chicago (1986) *The Battle Reliefs of King Seti I*, pl. 35.

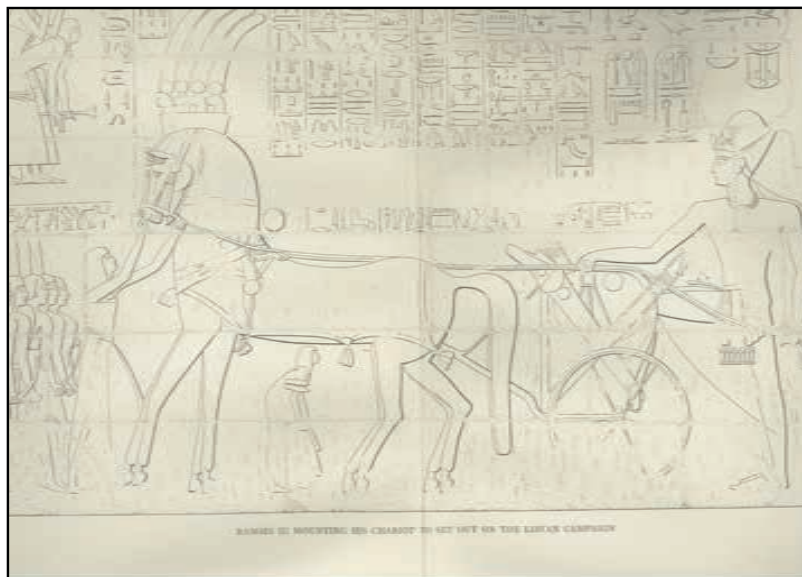


Fig. 8.60
Ramesses III
Medinet Habu
The Epigraphic Survey
(1930-1970)
Earlier Historical Records of Ramses III, pl. 16.

CHAPTER 8

The Walk

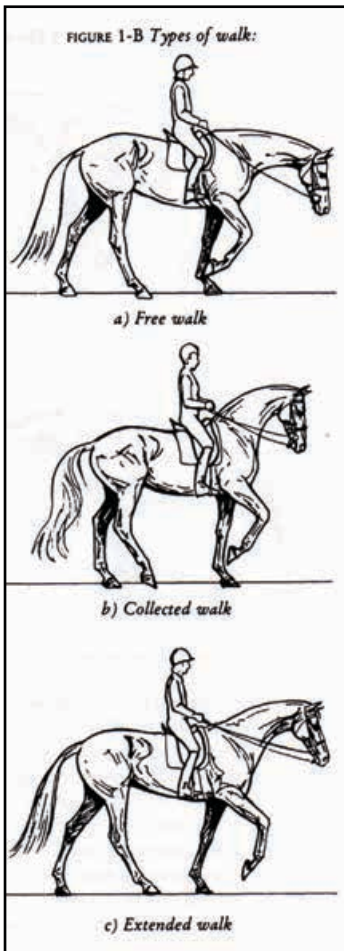
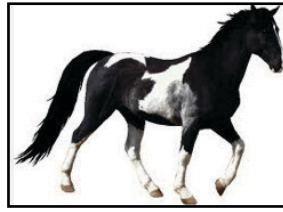


Fig. 8.61
Harris (1993) *Horse Gaits, Balance and Movement*, 34.



www.cjswalkerswyoming.com

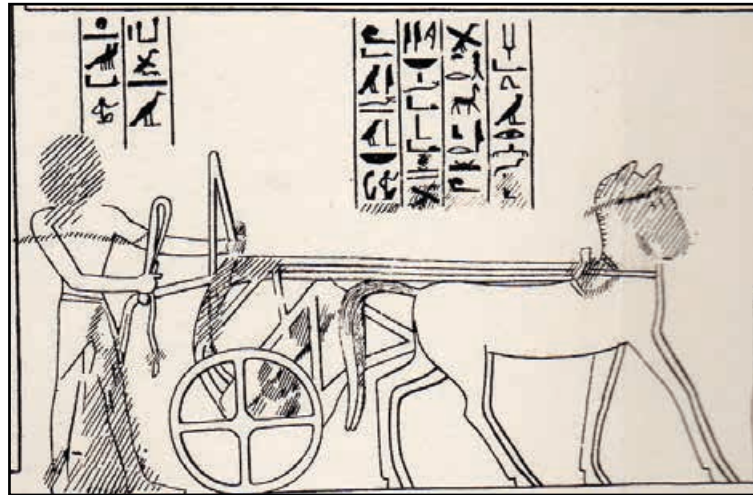


Fig. 8.62
Paheri.
Tylor & Griffith (1895) *The Tomb of Paheri*, pl. 3.



Fig. 8.63
Amenemhet TT 123
Davies (1932) "The Work of the Graphic Branch of the Expedition." *Metropolitan Museum of Art Bulletin* 27, 3, 51-62. fig. 8.

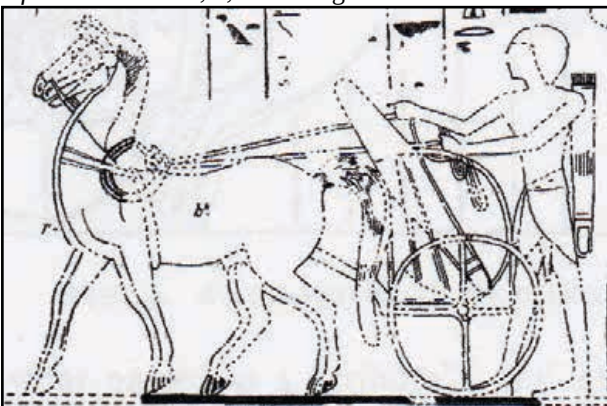


Fig. 8.64
Anonymous B TT 143 Wreszinski(1988) *Atlas zur altaegyptischen Kulturegeschichte*, 1, pl. 347.

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Fig. 8.65
Amenhotep Sisi. TT 75
*Wreszinski(1988) Atlas zur altaegyptischen
Kulturgeschichte, 1,pl. 240.*



Fig. 8.66
Ramesses II Karnak Temple
Partridge (2002) Fighting Pharaohs, 249, fig. 332.

CHAPTER 8

The Trot



A Horse Trotting
www.blog.seattlepi.com

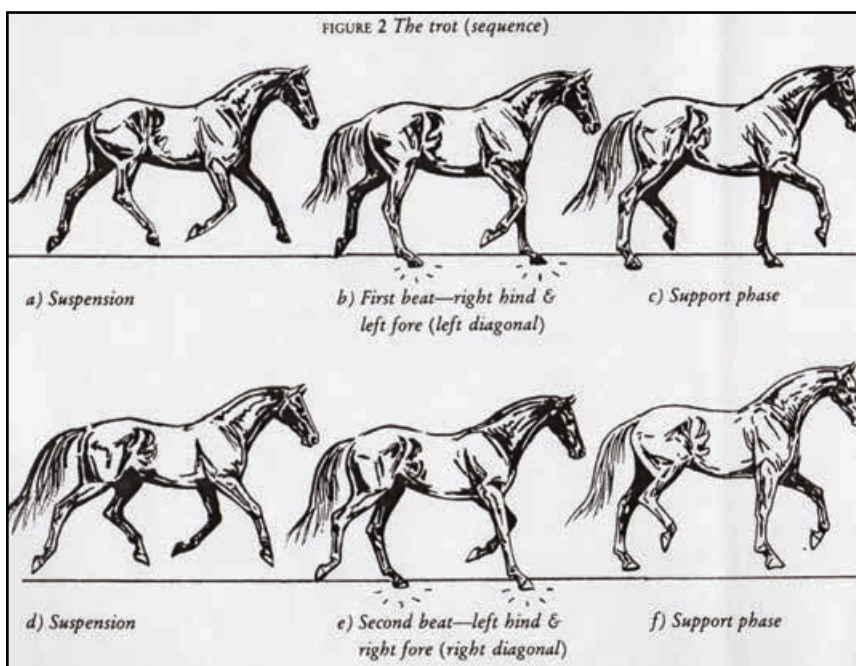


Fig. 8.67
Harris (1993) *Horse Gaits, Balance and Movement*, 36.

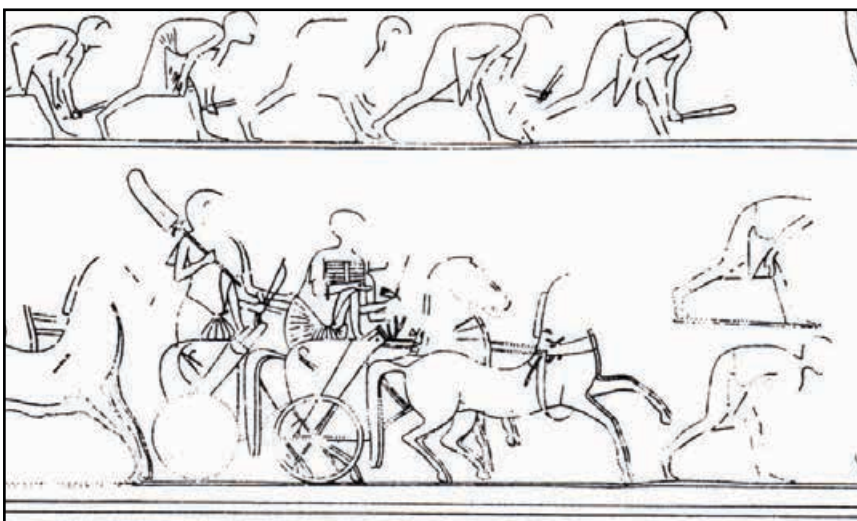


Fig. 8.68
Meryre I
Davies (1903) *The Rock
Tombs of El-Amarna.
Part I- The Tomb of
Meryre*, pl.10.

CHAPTER 8

The Canter

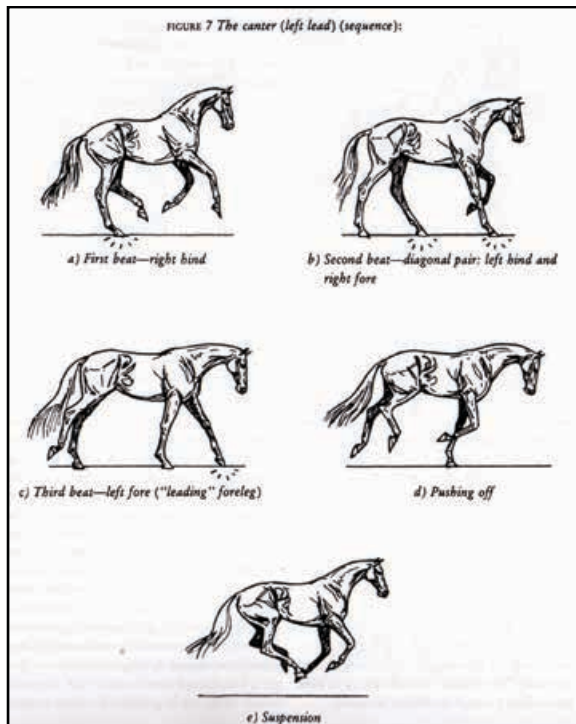


Fig. 8.69
Harris (1993) *Horse Gaits, Balance and Movement*, 43.



First beat

www.popscreen.com



Second beat

www.chunga-stock.devianart.com



Third beat

www.ehow.com



Suspension

www.horsecrazygirls.com

Fig. 8.71
Tutankhamun Fan.
Siliotti (1994) *Egypt Splendours of an Ancient Civilization*, 213.

CHAPTER 8

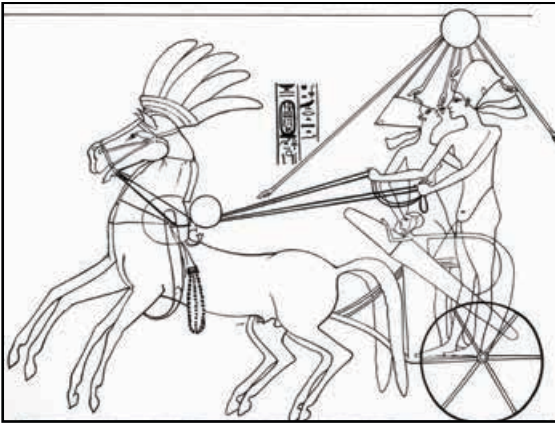


Fig. 8.72
Akhenaten and Nefertiti.
Davies (1905) *The Rock Tombs of El-Amarna*.
Part III- *The Tombs of Huya and Ahmes*, pl.32a.



Fig. 8.73
Ramesses Mortuary Temple Abydos.
Photo. S.Turner.

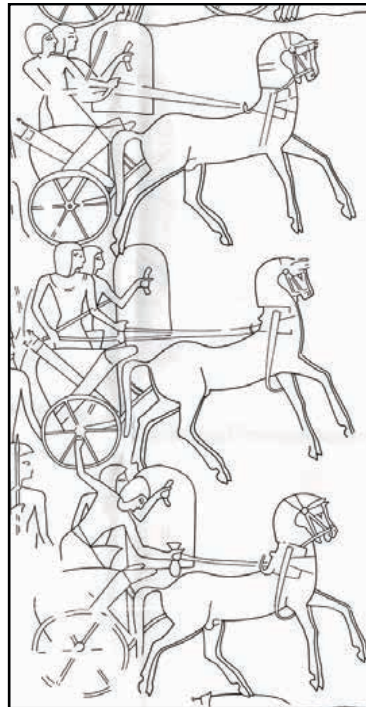


Fig. 8.74
Desroches-Nobelcourt (1971) *Grand temple d'Abou Simbel: la bataille de Qadech*, pl.4.

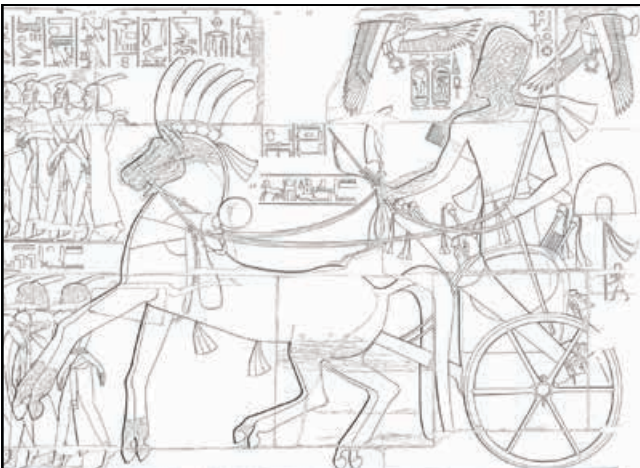


Fig. 8.75
Seti I Karnak
Battle Reliefs of King Seti I, pl.31.



Fig. 8.76
Ramesses III Medinet Habu
The Epigraphic Survey
(1930-1970)
Earlier Historical Records of Ramses III, pl. 16.

CHAPTER 8

The Gallop

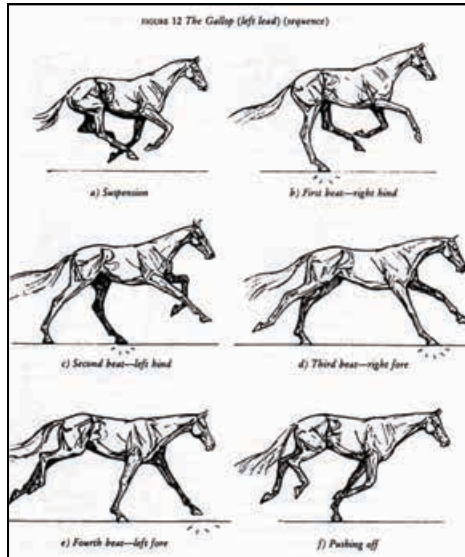


Fig. 8.77
Harris (1993)
*Horse Gaits,
Balance and
Movement* 48.



Suspension
www.glogster.com



First beat
www.indiwall.com



Second beat
www.tradebit.com



Third beat
www.fullmoonthoroughbreds.webs.com

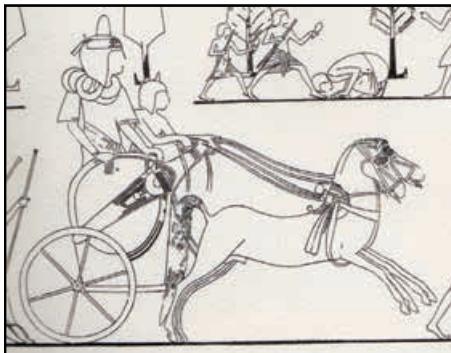


Fig. 8.78
Davies (1933) *The Tomb of Neferhotep*. pl.1.



Fig. 8.79
Meryre I
Photo. S. Turner.



Fig. 8.80
Panehesy
Davies (1905) *The Rock Tombs of El-Amarna. Part II- The
Tombs of Panehesy and Meryre II*, pl.13.

CHAPTER 8

“The Flying Gallop”



Fig. 8.81
Userhat TT
Beinlich-Seeber (1987) *Das Grab des Userhat TT 56*, 431.



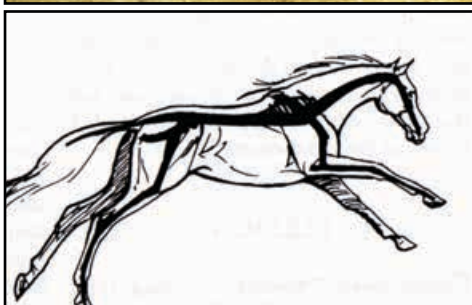
Fig. 8.82
Amenhotep II
Der Manuelian (1987) *Studies in the Reign of Amenophis II*, fig.44.



Fig. 8.83
Thutmose IV Chariot
Carter & Newberry (1904) *The Tomb of Thoutmosis IV*, pl.10.



Fig. 8.84
Ramesses II Abu Simbel
Davies & Friedman (1998) *Egypt*, 147.



The Leap Forward
Fig. 8.86
Harris (1993) *Horse Gaits, Balance and*



The Jump

Fig. 8.85
Harris (1993) *Horse Gaits, Balance and Movement*, 62.

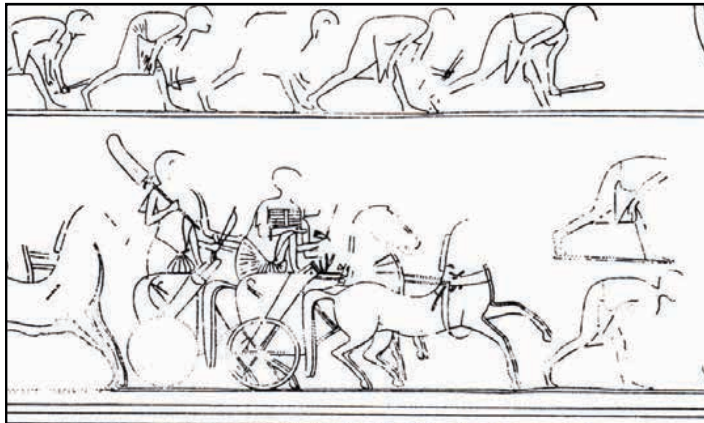
CHAPTER 8

Comparison of Gait Depictions



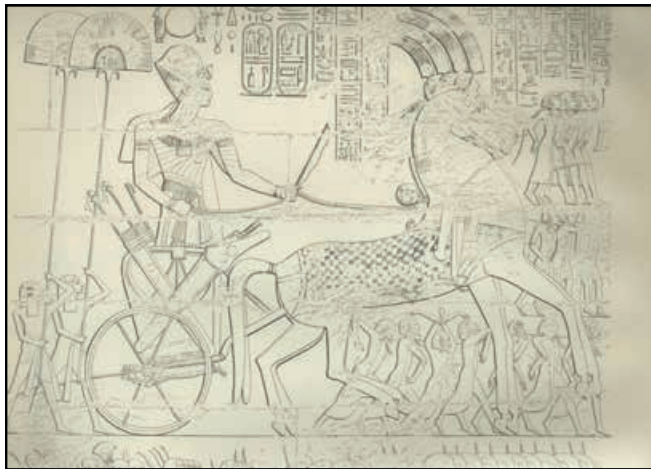
The Walk. Fore and hind feet on the ground, diagonal legs in action, hoofs flat, uphill stance. Stepping action.

Fig. 8.87
Ramesses II
Partridge (2002) *Fighting Pharaohs*, 249.



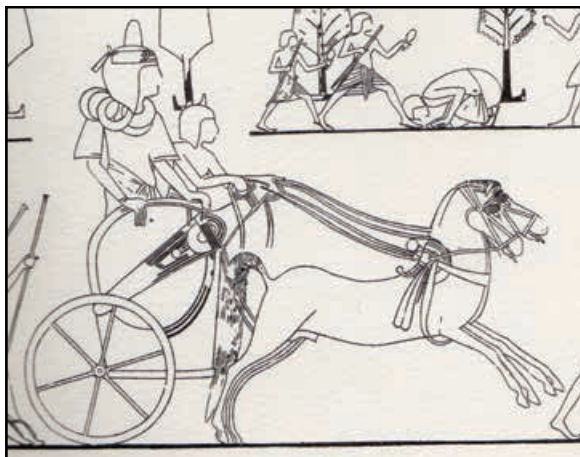
The Trot. Fore and hind feet on the ground with one foreleg raised high, some hoofs on the ground, uphill stance. Stepping action.

Fig. 8.88
Meryre I
Davies (1903) *The Rock Tombs of El-Amarna. Part I- The Tomb of Meryre*, pl. 10.



The Canter. One foreleg and one hind leg on the ground, one foreleg and one hind leg raised, hoofs on tiptoe, very uphill stance. Stepping action.

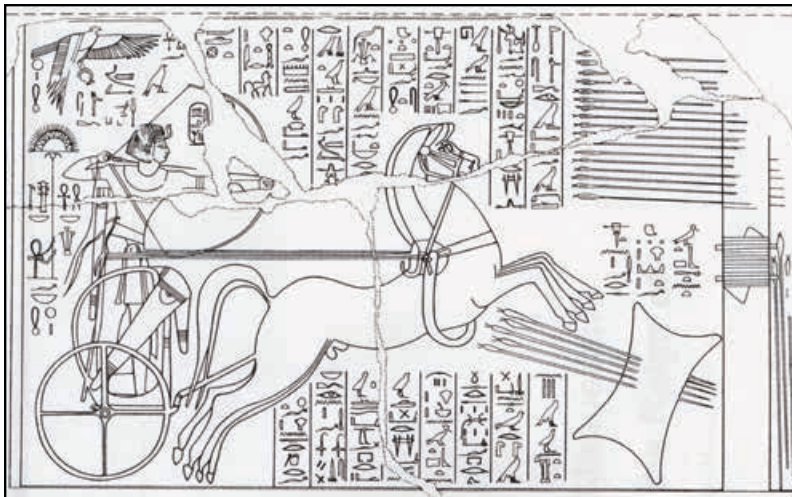
Fig. 8.89
Ramses III. Medinet Habu
The Epigraphic Survey (1930-1970)
Earlier Historical Records of Ramses III, pl. 24.



The Gallop. Hind legs together on the ground in tiptoe, forelegs raised and forward, horizontal stance. Bounding action.

Fig. 8.90
Davies (1933) *The Tomb of Neferhotep*, pl.1.

CHAPTER 8



The Flying Gallop. Some hind legs on the ground in tiptoe, forelegs raised very high, very uphill stance, push off and jumping action.

Fig. 8.91

Amenhotep II

Der Manuelian (1987) *Studies in the Reign of Amenophis II*, fig.44.

Collection

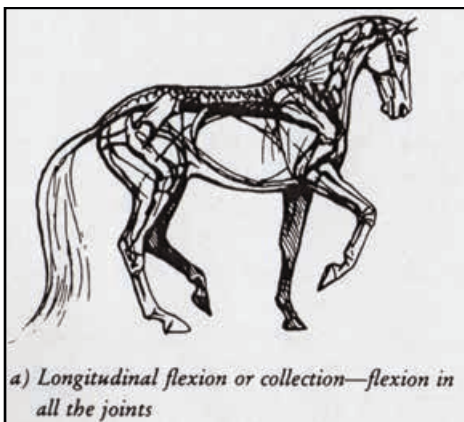


Fig. 8.92

Harris (1993) *Horse Gaits, Balance and Movement*, 92.

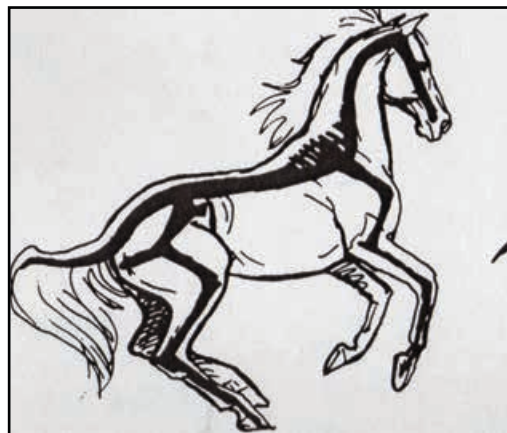


Fig. 8.93

The Walk.

Anonymous B TT 143

Davies (1935) *The Work of the Graphic Branch*, fig. 3.

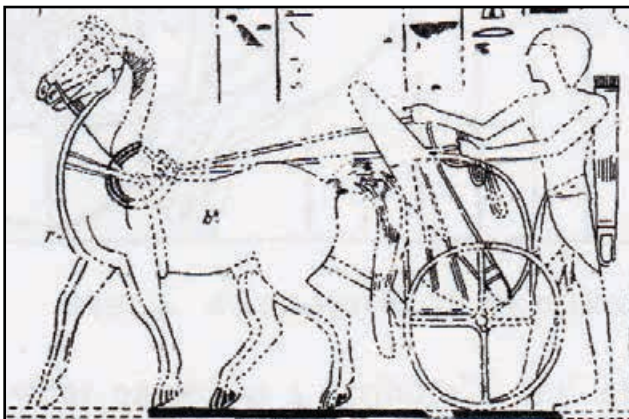
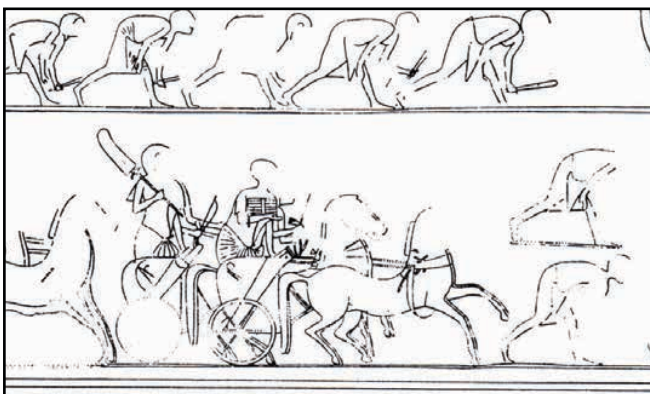


Fig. 8.94

The Trot.

Meryre I

Davies (1903) *The Rock Tombs of El-Amarna. Part I- The Tomb of Meryre*, pl. 10.



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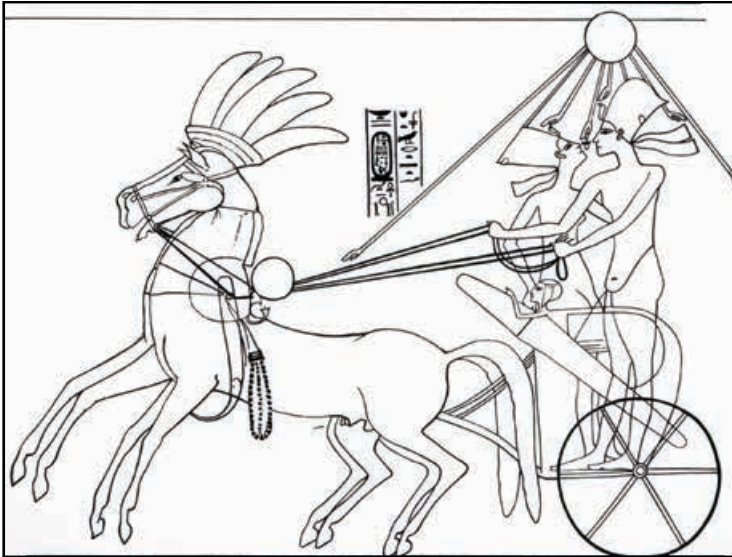


Fig. 8.95
The Canter.
Akhenaten and Nefertiti.
Davies (1905) *The Rock Tombs of El-Amarna. Part III- The Tombs of Huya and Ahmes*, (Ahmes) pl. 32a.
pl. 32a.



Fig. 8.96
The "Lesser" Gallop.
Meryre I
Photo. S. Turner.



Fig. 8.97
The "Flying Gallop".
Ramesses II
Davies & Friedman (1998) *Egypt*, 147.

CHAPTER 8

Unnatural Actions



Fig. 8.98
Ramesses II
Qadesh- Abu Simbel
Gutgesell (1998) "The Military" in Schulz &
Seidel (1998) *Egypt*, pl. 71.



Fig. 8.99
Ramesses II Kadesh
Ramesseum
Wildung (2004) *Egypt*, 136.

CHAPTER 8

Frontality



Fig. 8.100
Cooney (1965) *Amarna Reliefs from Hermopolis in American Collections*, fig. 30a.



Fig. 8.101
Freed (1999) *Pharaohs of the Sun*, 241.



Fig. 8.102
Davies, Nina, M. & A. H. Gardiner (1962) *Tutankhamun's Painted Box*, pl.1.

CHAPTER 8

Mistakes



Fig. 8.103
Userhat TT 56
Germond & Livet (2001) *An Egyptian Bestiary*,
pl. 92.



Fig. 8.104
Horemheb, Saqqara
Martin (1989) *The Memphite Tomb of Horemheb*,
pl. 95.



Fig. 8.105
Nebamun TT 90
Davies (1923) *Tombs of Two Officials of
Thutmose the Fourth*, pl. 29.



Fig. 8.106
Martin (1997) *The Tomb of Tia and Tia*, pl. 47.

CHAPTER 8

Unusual Images



Fig. 8.107
Suemnut TT 92
Capart (1927) *Documents pour servir a l'etude de l'art Egyptien*, 1, pl.67b.



Fig. 8.108
Anonymous B TT 143
Capart (1927) *Documents pour servir a l'etude de l'art Egyptien*, 1, pl.67.

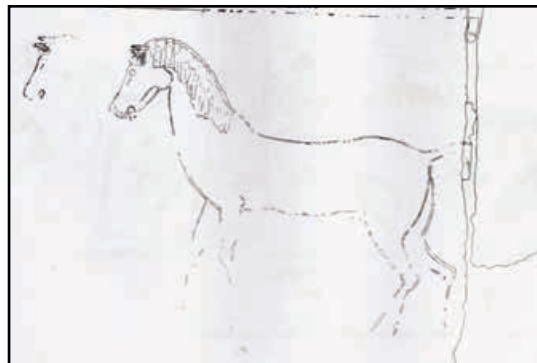


Fig. 8.109
Martin (1989) *The Memphite Tomb of Horemheb*,
pl. 16 Scene 1.



Fig. 8.111
Petrie (1894) *Tell el-Amarna*, pl.1 (8).



Fig. 8.110
Head of a Horse
Saqqara,
Peck (1978)
Egyptian Drawings,
fig.114.

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Fig. 8.112
Freed (1999) *Pharaohs of the Sun*, fig. 124.



Fig. 8.113
Ipuia-Saqqara
Quibell & Hayter (1927) "Excavations at
Saqqara; Teti Pyramid, North side," pl.
12.

Reworked Images



Fig. 8.114
Luxor Temple.
Photo. S. Turner.



Fig. 8.115
Ramesseum
Photo. S. Turner.

CHAPTER 9

HORSE BEHAVIOUR

Ingestive Behaviour- Feeding

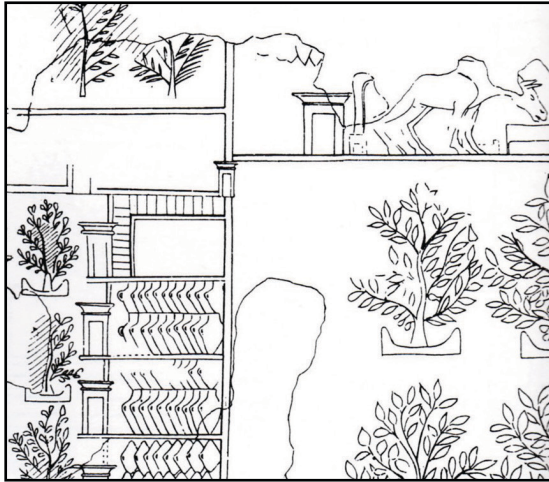


Fig. 9.1
Meryre I AN 4
Davies (1903) *The Rock tombs of El-Amarna, Part I- The Tomb of Meryre*, pl.25.



www.wakpaper.com



Fig. 9.2
Kenamun TT 162
Davies (1963) *Scenes from some Theban Tombs*, pl.28.



www.equine-world.co.uk

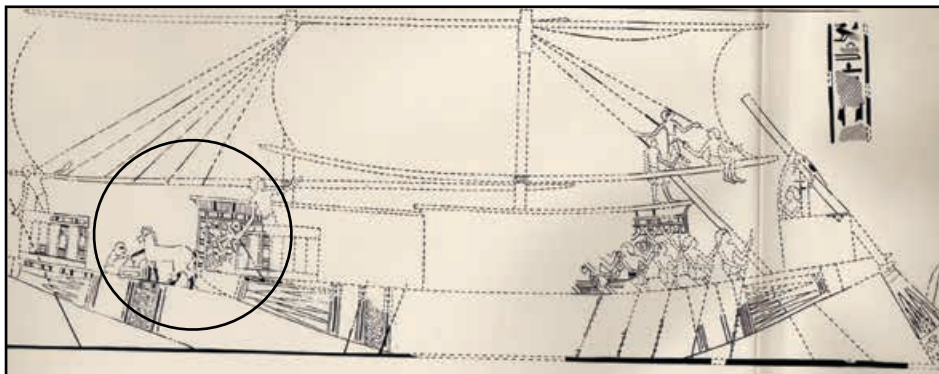


Fig. 9.3
Davies (1963) *Scenes from some Theban Tombs*, pl. 28.

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Fig. 9.4
Petrie (1894) *Tell el-Amarna*, pl.11 (1).

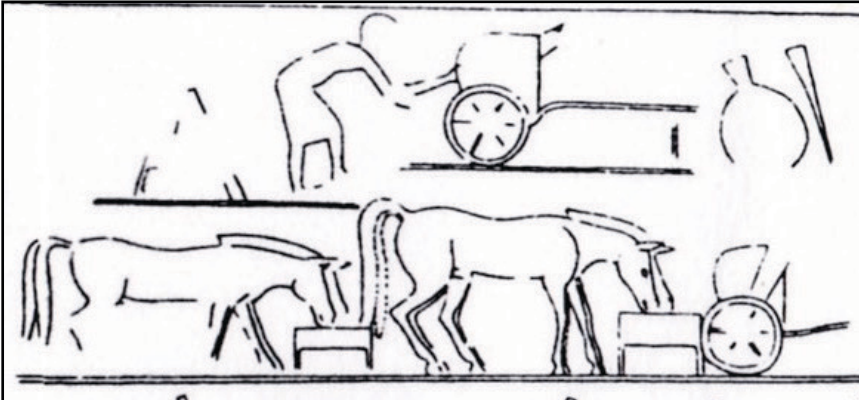


Fig. 9.5
Davies (1908) *The Rock Tombs of El-Amarna. Part VI - The Tombs of Parennefer, Tutu and Ay*, pl. 20.



Fig. 9.6
Desroches-Noblecourt (1971) *Grand temple d'Abou Simbel*, pl.4.



www.completehorsecare.com

CHAPTER 9

Contactual Behaviour

Play



www.dreamstime.com



Fig. 9.7

Davies (1932) "The Work of the Graphic Branch of the Expedition," *Metropolitan Museum of Art Bulletin* 27 (1932) 3. fig.8.

Sound/ Vocalization.



Fig. 9.8

Ramesses II, Mortuary Temple, Abydos,
Photo. S. Turner.



www.equine-world.co.uk



Fig. 9.10

Tjanuni TT 74
Brack & Brack (1977) *Das Grab des Tjannuni*, pl.1.



Fig. 9.9

James (1986) *The Painted Tomb Chapel of Nebamun*, 33.

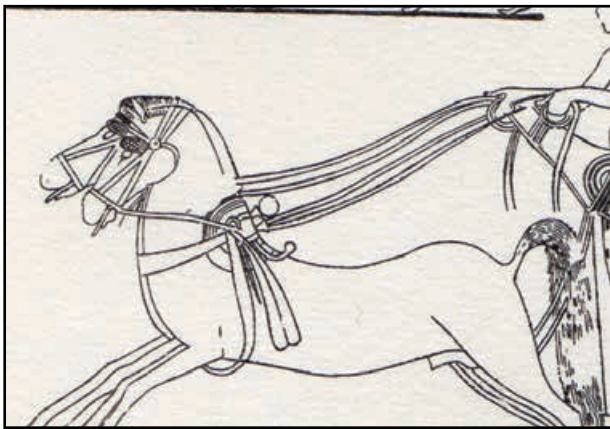
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Fig. 9.11
Puyemre TT 39
Davies (1923) *The Tomb of Puyemre at Thebes*,
pl. 12.



www.123rf.com



www.123rf.com

Fig. 9.12
Davies (1933) *The Tomb of Neferhotep*, pl.1.

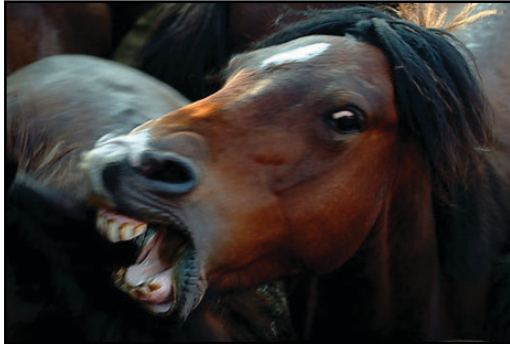


Fig. 9.14
Yurco (1986) "Merenptah's Canaanite Campaign,"
JARCE 23, fig. 8, scene 7.

Fig. 9.13
Davies & Gardiner (1962) *Tutankhamun's
Painted Box*, pl.1.

CHAPTER 9

Aggressive Behaviour



www.enwikipedia.org



Fig. 9.15
Seti fighting the Libyans, Karnak
Chicago Oriental Institute(1986)*Battle
Reliefs of Seti I*, pl. 28.



Fig. 9.16
Ramsesses II, Luxor Temple
Photo. S. Turner.



Fig. 9.17 & 9.18
Ramsesses II Mortuary Temple Abydos,
Photo. S. Turner.

CHAPTER 9

Fearful Behaviour

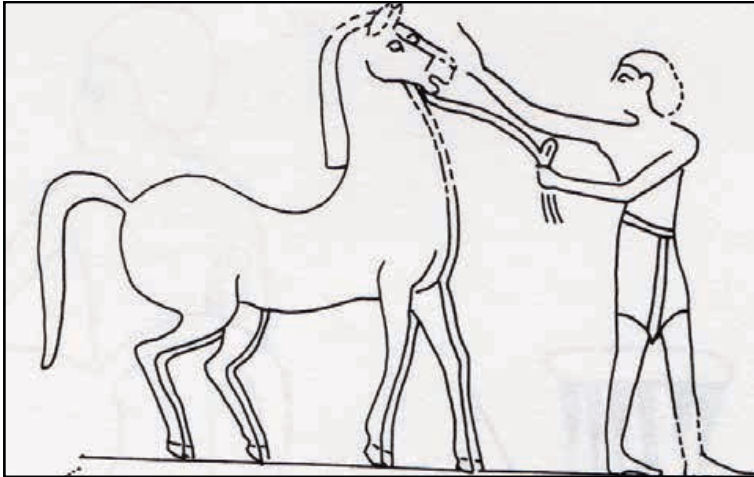


Fig. 9.19
Amenmose TT 42
Rommelaere (1991) *Les Chevaux du Nouvel
Empire Egyptien*, pl. 27.



www.thehorse.com

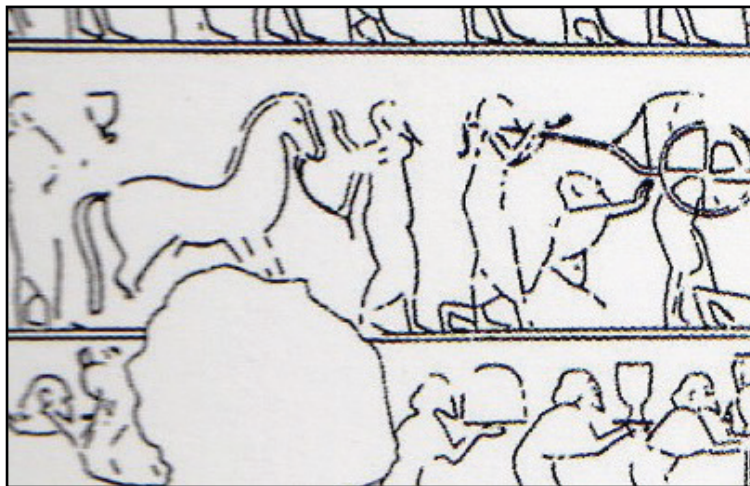
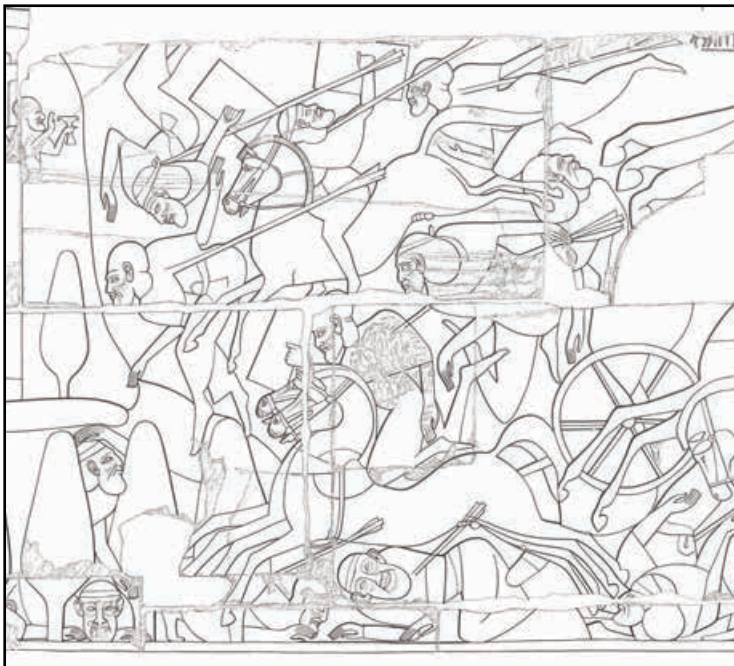


Fig. 9.20
Meryre II
Freed, Markowitz & Auria (1999)
Pharaohs of the Sun, 89.



www.bbc.co.uk

Fig. 9.21
Seti I attacking the town of Yenoam.
The Epigraphic Survey (1986) *The
Battle Reliefs of King Sety I*, pl.11.

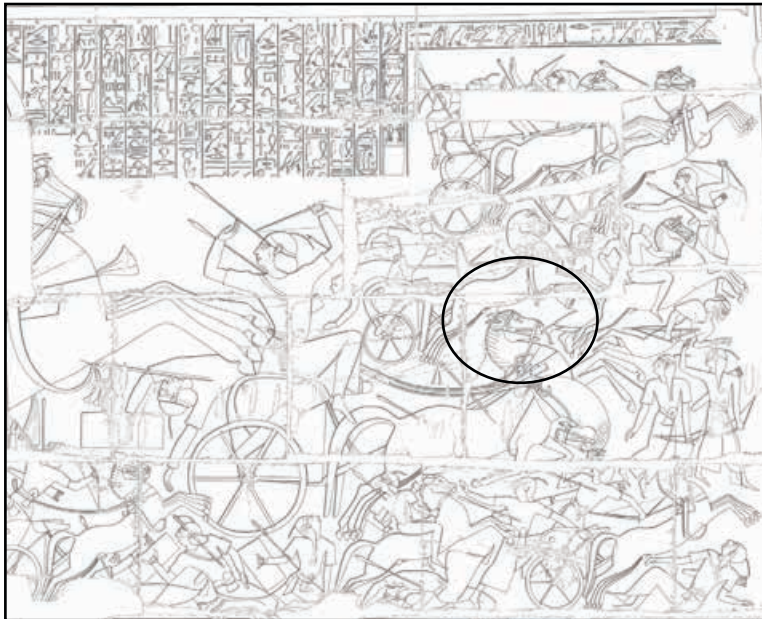
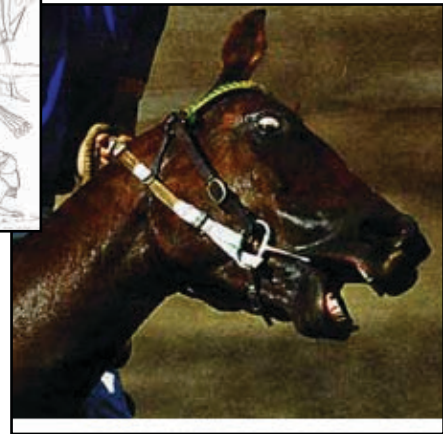


Fig. 9.22
Seti I attacking the Hittites.
The Epigraphic Survey (1986) *The Battle Reliefs
of King Sety I*, pl.34.



www.dailycamera.com



www.naturalhorseworld.com



Fig. 9.23
Ramesses II. Rearing Hittite teams at Qadesh
Desroches-Noblecourt (1971) *Grand temple
d'Abou Simbel*, pl.4.



Fig. 9.24
Ramesses II.
Rearing Hittite teams at
Qadesh
Desroches-Noblecourt (1971) *Grand temple
d'Abou Simbel*,
pl.4.



www.walldug.com

CHAPTER 9

Herding Behaviour

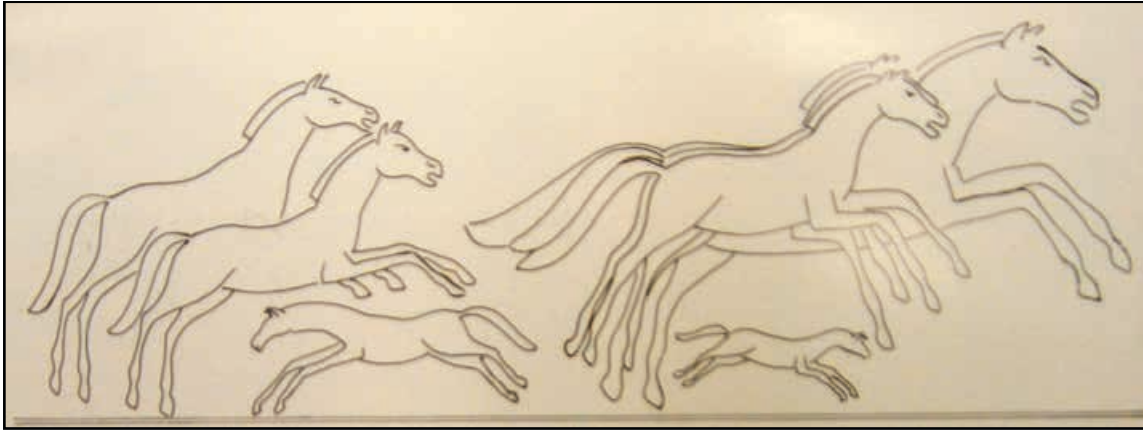


Fig. 9.25
Hanke (1978) *Amarna-reliefs aus Hermopolis*, pl. 19.



Fig. 9.26
Amenemhet TT 123
Davies (1932) *Work of the Graphic Branch*, fig. 8.



Fig. 9.27
Rekhmire TT 100
Rommelaere (1991) *Les chevaux du nouvel Empire Egyptien*, pl.2.

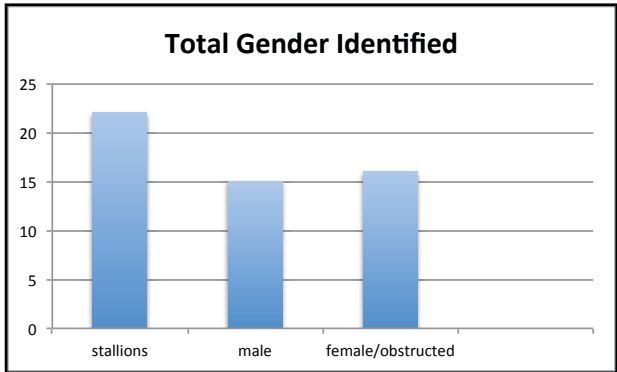


Fig. 9.28
Haremheb TT 74
Brack & Brack (1987) *Das Grab des Haremheb*, pl.87.



Fig. 9.29
Ramesses II, Abydos
Photo. S. Turner.

CULTURAL-THE HUMAN / HORSE RELATIONSHIP



GENDER

Fig.10.1 Gender Identified- Total 53.



Fig. 10.2
Amarna Fragments
Stallion
Aldred (1973) *Akhenaten and Nefertiti*, fig. 78.



Fig. 10.3
Horemheb
Gelding
Martin(1989) *The Memphite Tomb of Horemheb, Commander-in-Chief of Tutankhamun I*, pl. 75 scene, 69.



Fig. 10.4
Rekhmire TT 100
Obstructed
Rommelaere (1991) *Les Chevaux du Nouvel Empire Egyptien*, pl.2.

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Fig. 10.5.
Nebamun TT 90
Mare or indeterminate
Davies (1923) *The Tombs of Two Officials of Thutmose the Fourth*, pl. 29.



Fig. 10.6
Ramesses II Abu Simbel
Davies & Friedman (1998) *Egypt*, 147.

CHAPTER 10

CONTROL

Whips

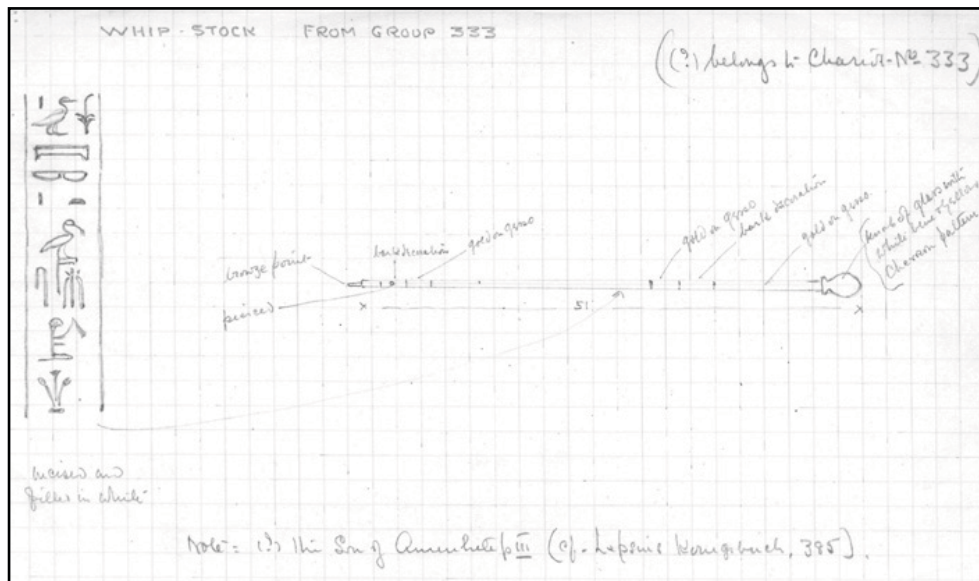


Fig. 10.7
Whipstock from Tutankhamun's tomb
Carter, Griffith Institute 333-12
www.griffith.ox.ac.uk/gri/carter../



Fig. 10.8
Whip Handle in the Shape of
a Horse
Metropolitan Museum of Art, 1390-1352
(26.7.1293).

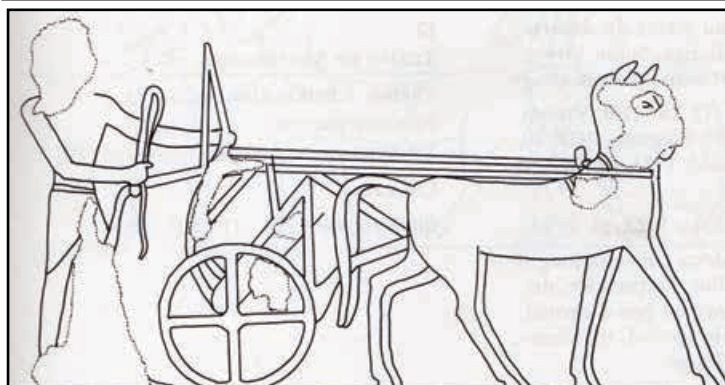


Fig. 10.9
Paheri- El Kab
Tylor & Griffiths (1895) *The Tomb of
Paheri*, pl. 3.



Fig. 10.10
Ramesses III- Medinet Habu.
The Epigraphic Survey (1930-1970) *Earlier
Historical records of Ramses III*, pl. 24.



Fig. 10.11
Rider in the tomb of Horemheb
Martin (1989) *The Memphite Tomb of
Horemheb Commander-in-Chief of
Tutankhamun*, pl.32, sc.22.

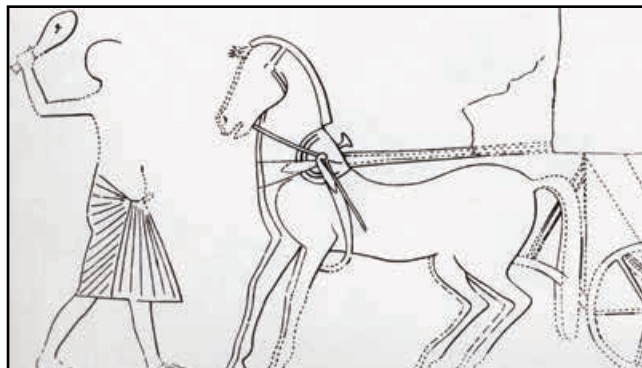


Fig. 10.12
Meryre I.
Davies (1903) *The Rock
Tombs of El-Amarna. Part I-
The Tomb of Meryra*, pl. 6.
pl. 9.

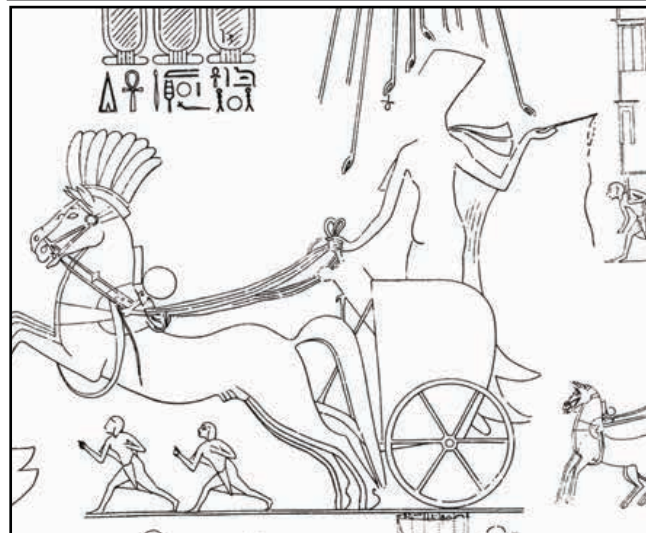


Fig. 10.13
Panehesy
Davies (1905) *The Rock Tombs of El-
Amarna. Part II- The Tombs of Panhesy and
Meryra II*, pl.16.

CHAPTER 10

Bits

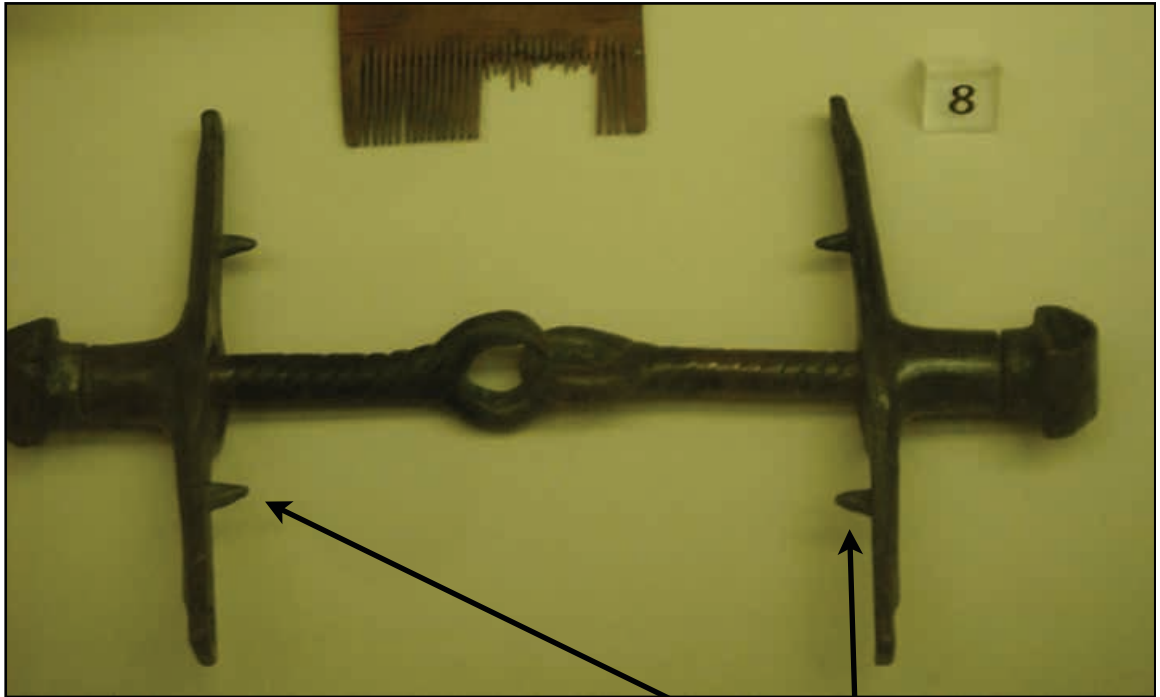


Fig. 10.14
Ashmolean Museum Oxford
No.1933.1209.

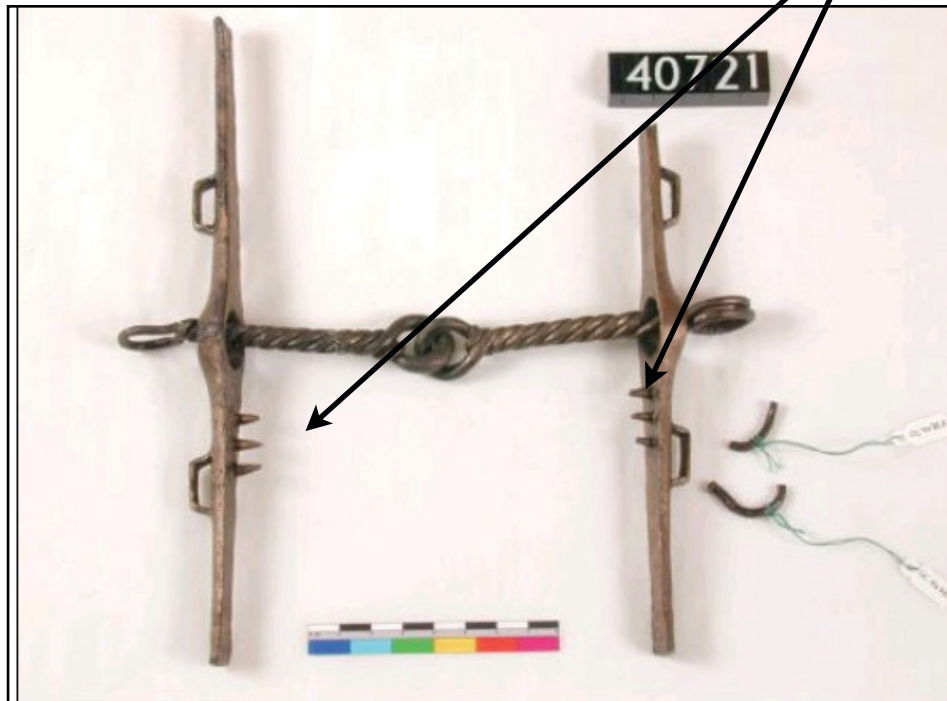


Fig. 10.15
Petrie Museum of Egyptian Archaeology UCL
UC40726.

Cheek pieces

CHAPTER 10

Nosebands



Fig.10.16a

Fig. 10.16b

Fig. 10.16c

Fig. 10.16a, b, c.

Left to right, dropped noseband, flash noseband, Grakle noseband.

Draper, Sly & S. Muir (2004) *The Ultimate Book of the Horse and Rider*, 438.

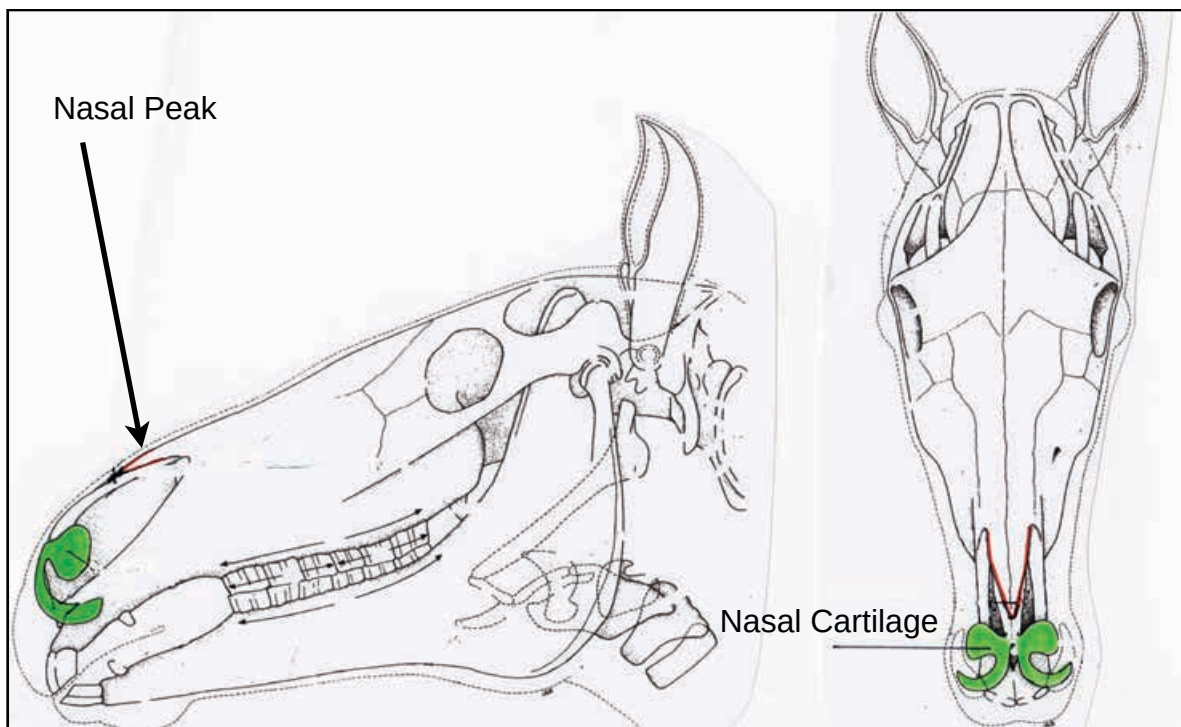


Fig. 10.17

Nasal Cartilage and Nasal Peak.

Goody (2006) *Horse Anatomy*, 15.



Fig. 10.18
Freed, Markowitz & D'Auria (eds.) (1999) *Pharaohs of the Sun*, 241.



Fig. 10.19
Aldred (1973) *Akhenaten
& Nefertiti*, fig. 79.



Fig. 10.20
Edinburgh, The Trustees of the
National Museums of Scotland
A. 1961.438.



Fig. 10.21
Zecchi (2004) *Abu Simbel*, 81.

CHAPTER 10

Check Rowels

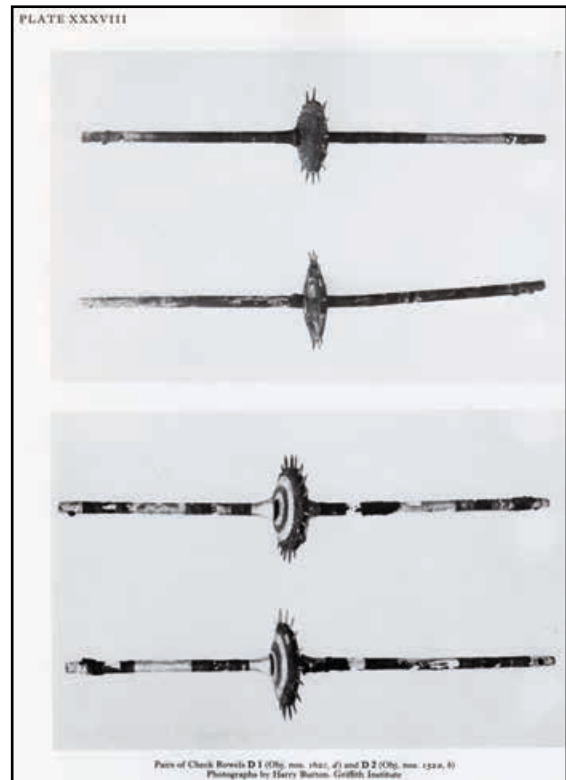
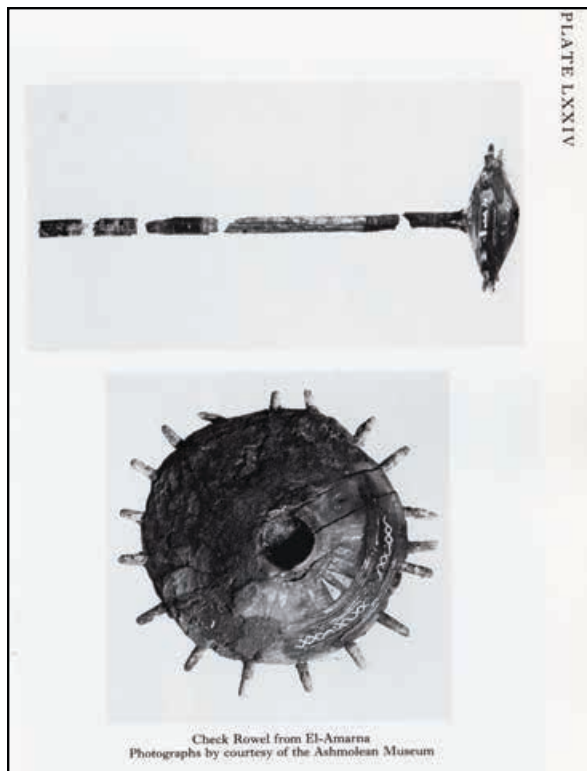


Fig. 10.22

Littauer & Crowell (1985) *Chariots and Related Equipment from the Tomb of Tutankhamun*, pls. 74 & 38.

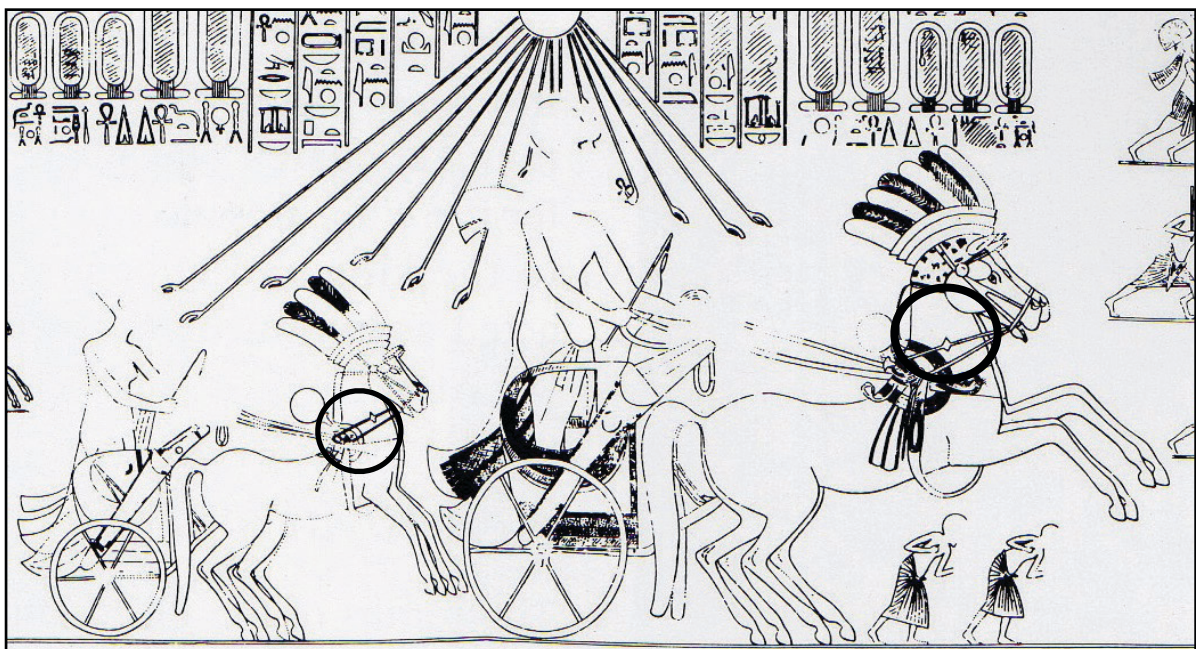


Fig. 10.23

Robins (2000) *The Art of Ancient Egypt*, fig. 180.

CHAPTER 10

Blinkers



Fig. 10.24
Khaemhat TT 57
Rommelaere (1991) *Les chevaux du nouvel Empire Egyptien*, fig. 55a.



Fig. 10.25
Part of a horse blinker of Thutmose the Sculptor.
Staatliche Museen zu Berlin AM 21193



Fig. 10.26
Tutankhamun's Painted Box
Davies & Gardiner (1962)
Tutankhamun's Painted Box, pl. 1.



Fig 10.27
Blinkers from the tomb of Tutankhamun
www.corbisimages.com



Fig. 10.28
Ramesses III, Medinet Habu
The Epigraphic Survey (1930-1970) *Earlier Historical Records of Ramses III*, pl. 23.

CHAPTER 10

Tight Reins

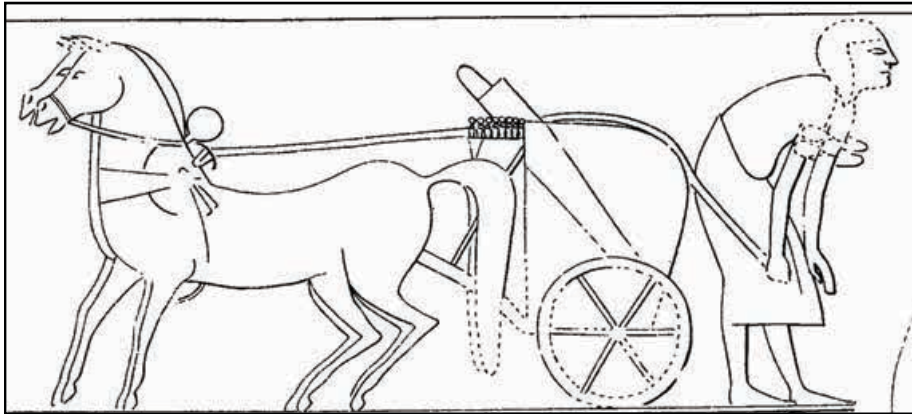


Fig. 10.29
Panhesy
Davies (1905) *The Rock Tombs of El-Amarna Part 2*, pl.11.

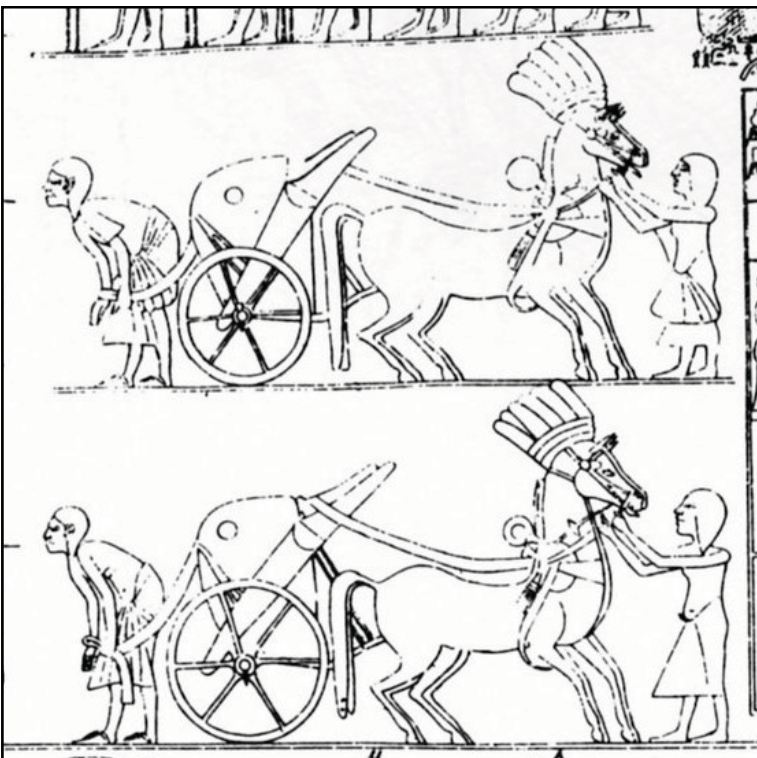


Fig. 10.30
Meryra I
Davies (1903) *The Rock Tombs of El-Amarna Part 1*, pl.26.



Fig. 10.31
Horemheb
Martin (1989) *The Memphite Tomb of Horemheb*, pl.95, sc. 69.

CHAPTER 10

RELATIONSHIP Calming Gestures

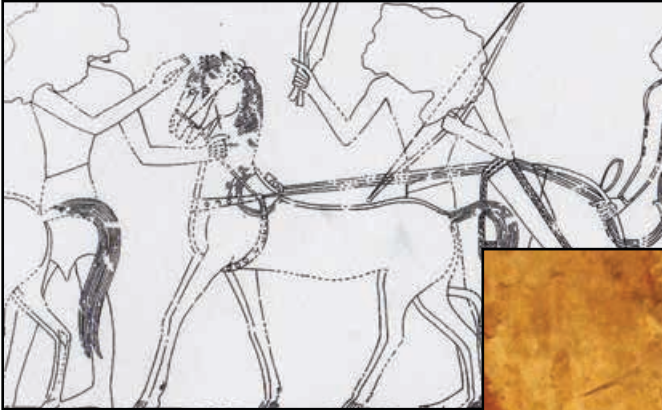


Fig. 10.32
Menkheperasonb TT 86
Davies (1933) *The Tombs of
Menkheperasonb, Amenmose and Another.*
(Nos. 86, 112, 42 and 226.) pl.7.

Fig. 10.33
Photo. S. Turner

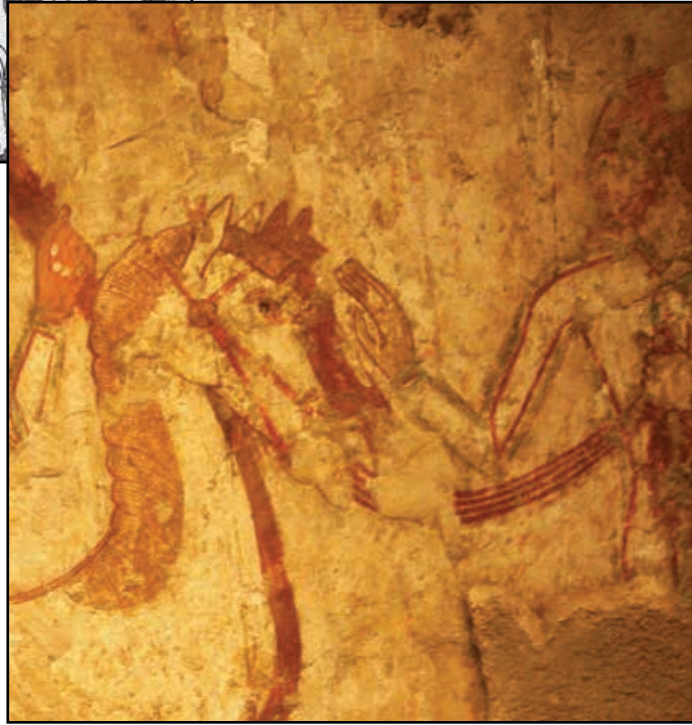


Fig. 10.34
Amarna relief
Aldred (1973) *Akhenaten & Nefertiti*, fig. 61.

CHAPTER 10

Steadying Horses



Fig. 10.35
Khaemhat TT 57
Siliotti (1996) *Guide to the Valley
of the Kings and to the Theban
Necropolises and Temples*, 141.



Fig. 10.36
Meryre I
Germond (2001) *An Egyptian Bestiary*, pl.104.



Fig. 10.37
Ramesses II Mortuary
Temple- Abydos
Photo. S. Turner.

CHAPTER 10

Loose Reins



Fig. 10.38
Puyemre TT 39
Davies (1923) *The Tomb of Puyemre at Thebes*.
Vols I and II, pl.12.



Fig.10.39
Haremheb TT 78
Brack & A. Brack (1980) *Das Grab des Haremheb. Theben Nr. 78*, pl. 87.



Fig. 10.40
Kenamun TT 162
Davies (1963) *Scenes from some Theban Tombs*, pl. 18.

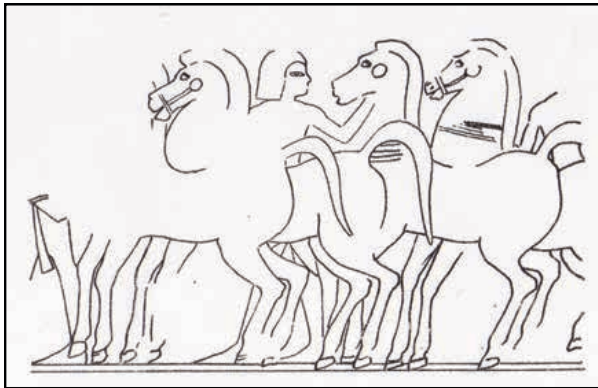
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Fig. 10.41
Horemheb Saqqara
Martin (1989) *The Memphite Tomb of Horemheb Commander-in-Chief of Tutankhamun*, pls. 29& 95.



Fig. 10.42
Anonymous A TT 91
Wreszinski(1988) *Atlas zur altaegyptischen Kulturegeschichte*,1, pl. 290.



Confidence

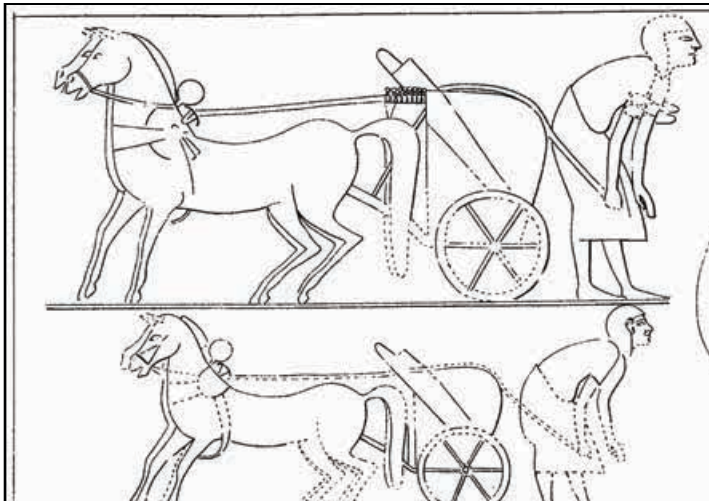


Fig. 10.43
Panehesy
Davies (1905) *The Rock Tombs of El-Amarna. Part II- The Tombs of Panehesy and Meryra II*, pl. 11.

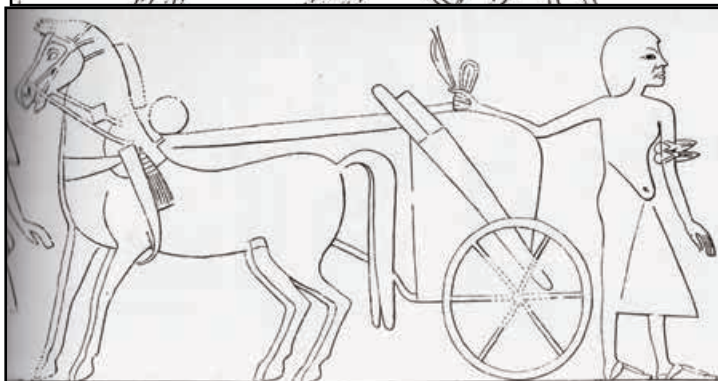


Fig. 10.44
Meryra I
Davies (1903) *The Rock Tombs of El-Amarna. Part I- The Tomb of Meryra*, pl. 24.

CHAPTER 10

RIDING HORSES



Fig. 10.45
Tomb of Horemheb
Martin (1989) *The Memphite Tomb of Horemheb*,
pl 32.

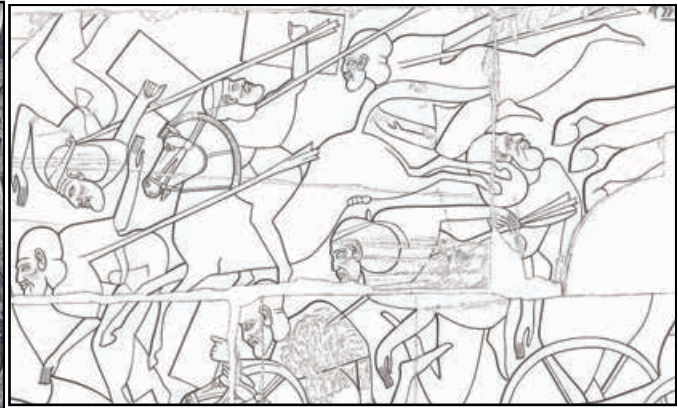


Fig. 10.46
Seti I attacking Jenoam
Wreszinski (1988) *Atlas*, pl 34.



Fig. 10.47
Egyptian forces in battle.
Ramesses II
Ramesseum
Photo. S. Turner



Fig. 10.48
Egyptian forces in battle.
Ramesses II
Luxor Temple.
Photo. S. Turner

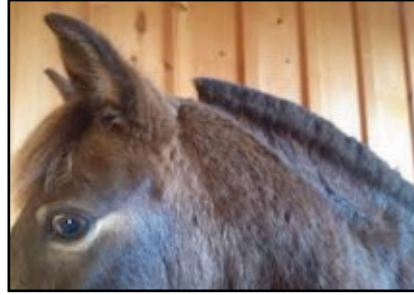
CHAPTER 10

PRESENTATION

Banged Forelock



Fig. 10.49
Banged Forelock
Bruyere (1952) *Temple Funeraire de Thotmes II*,
pl.4.



www.chronofhorse.com



Fig. 10.50
Menkheperresonb TT 86
Rommelaere (1991) *Les chevaux du nouvel
Empire Egyptien*, pl.1.

Draped Mane



www.wallpaper-wide.ru

Fig. 10.51
Senniferi TT 99
Nigel Strudwick
www.fitzmuseum.cam.ac.uk
7/02/2010

CHAPTER 10

Hogged (Roached) Mane

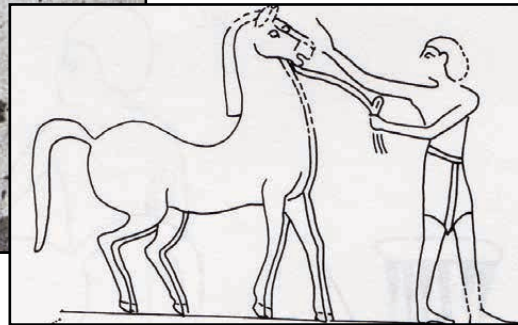


Fig. 10.52
Amenmose TT 42
Wreszinski (1988) *Atlas zur
altaegyptischen Kulturegeschichte* 1, pl.

Partially Hogged Mane



Fig. 10.53
Amenhotep II
Schulz & Sourouzian (1998) "The Temples-
Royal Gods and Divine Kings" in Schulz &
Seidel (1998) *Egypt. The World of the Pharaohs*,
pl.23.
fig. 23.

www.vichorse.com

CHAPTER 10

Totally Hogged Mane



www.horsecarenaturally.blogspot.com

Fig. 10.54
James (2002) *Ramesses II*, 11-14.

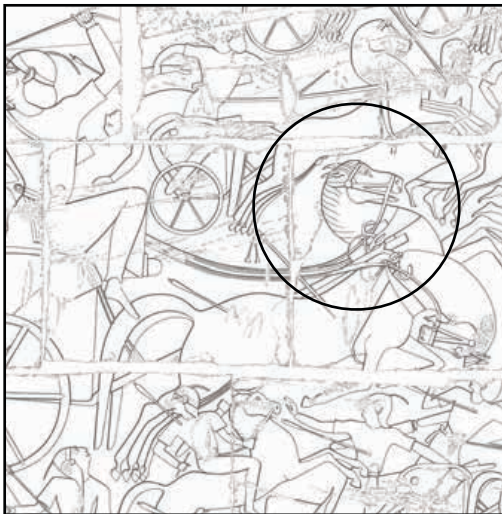


Fig. 10.55
Epigraphic Survey (1986) *The Battle Reliefs of King Sety I*, pl. 34.



Fig. 10.56
A Tangled Mane
www.etsy.com



Fig. 10.57
Ramesses II Mortuary Temple , Abydos
Photo. S. Turner.



Fig. 10.58
A Hogged standing mane.
www.horseforum.com

Tails

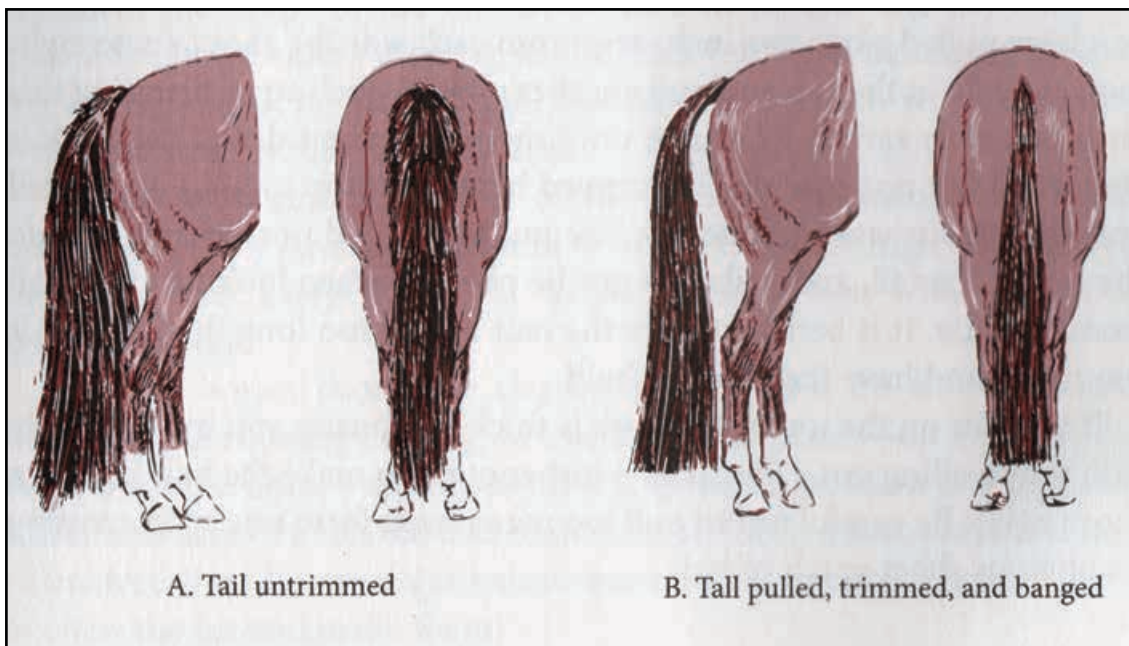


Fig. 10.59
A Pulled Tail
Harris (2008) *Grooming to Win*, fig. 116.

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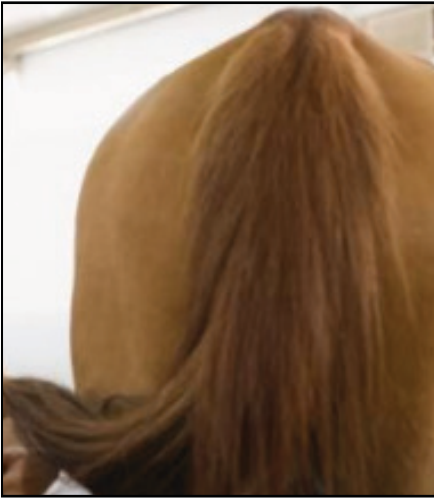


Fig.10.60
A tail in its natural condition
www.animals.pawnation.com

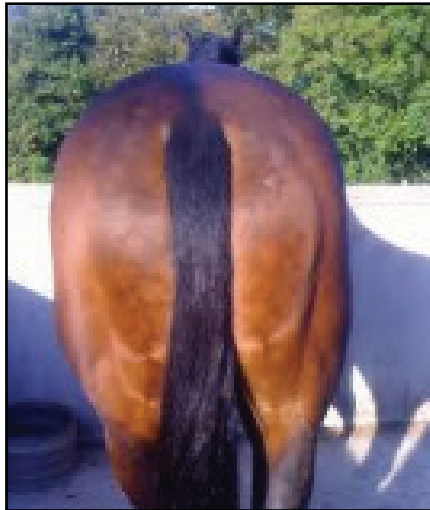


Fig. 10.61
A pulled tail
www.horseandhound.co.uk

www.braymere.blogspot.com



Fig. 10.62
Ramesses II Temple, Beit el-Wali,
Photo. S.Turner.

CHAPTER 10

Plaiting/ Braiding

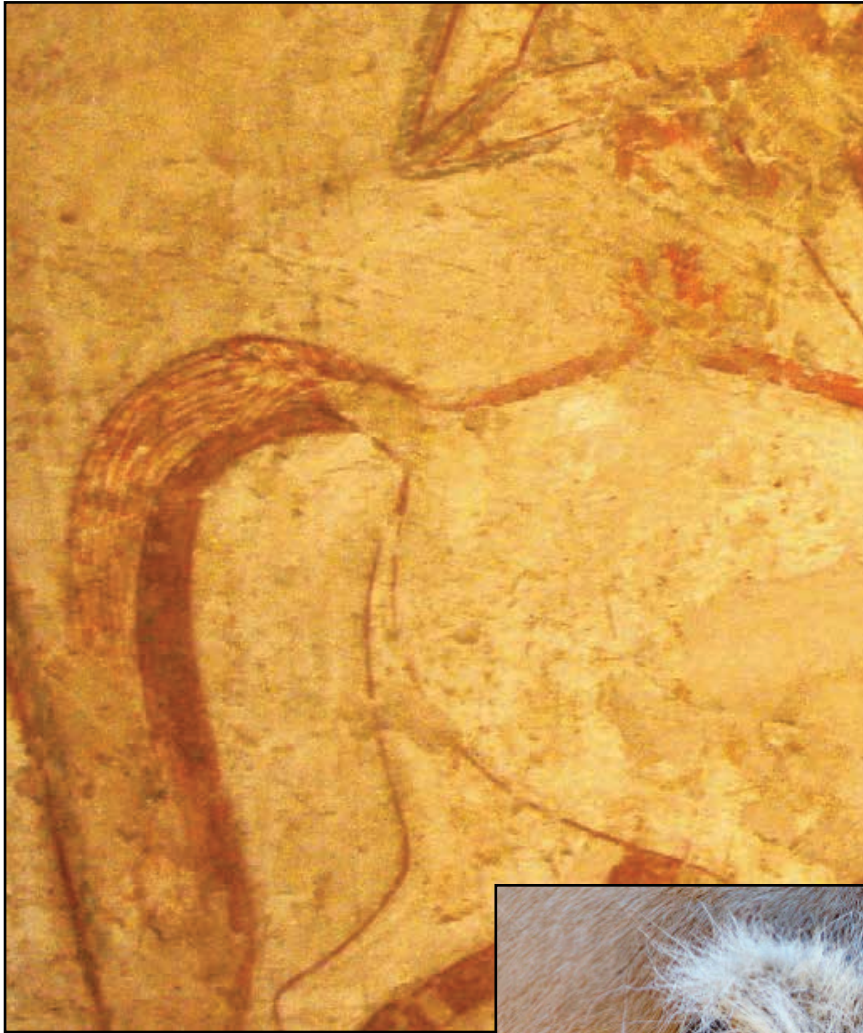


Fig. 10.63
Rekhmire TT 100
Tail Plaiting/ Braiding
Photo. S. Turner.



www.vetgirlblog.tumblr.com



www.dreamstime.com

CHAPTER 10

Tail Banding/ Decoration



Fig. 10.64
Temple of Seti I, Abydos
Photo. S. Turner.



Fig. 10.65
Ramesess II, Abu Simbel
James (2002) *Ramesses II*, 11-14. (1).

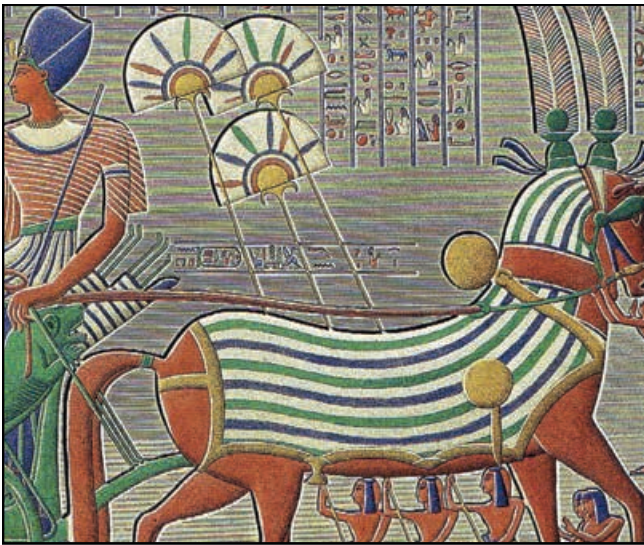


Fig. 10.66
Ramesses III, Medinet Habu
Redoute (1997) *Description de l'Egypte*,
A. II, pl.12.



Fig. 10.67
Ramesses II, Abu Simbel
Rosellini (1832) *I. Monumenti dell'Egitto e della
Nubia. Tomo Primo. Monumenti Storici*, pl. 81.

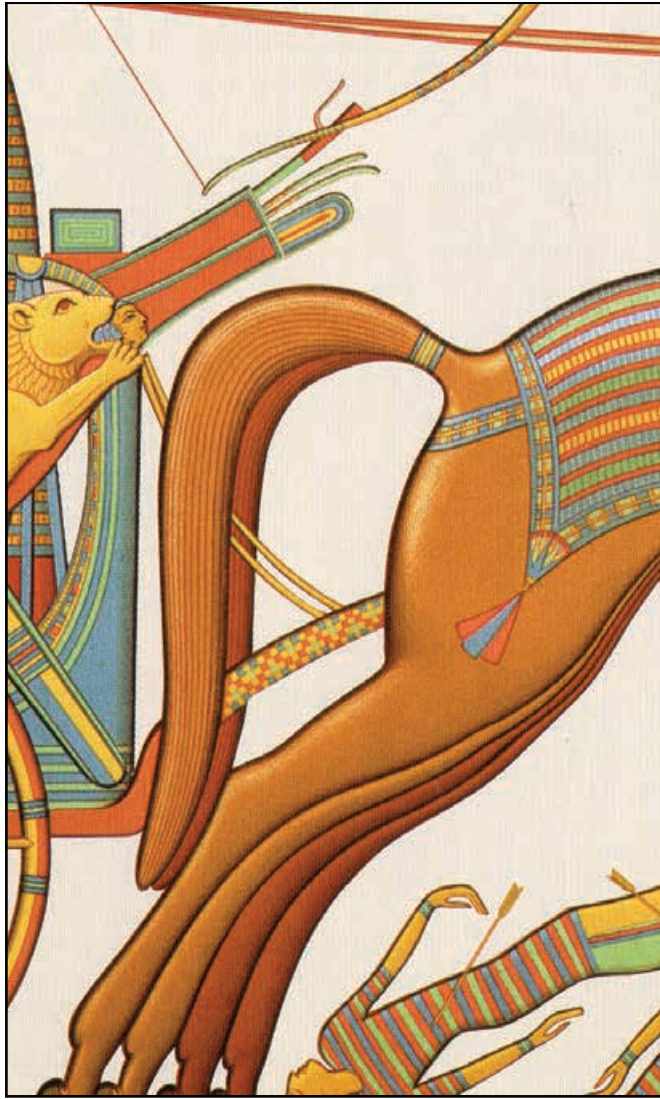


Fig. 10.68
Ramesses II,
Ramesseum
Roehrig & Serino (2003) *Ancient Egypt.
Artists and Explorers in the Land of the
Pharaohs*,294.



Fig. 10.69
www.inmagine.com



www.en.wikipedia.com



Fig. 10.70
Ramesses II
Beit el-Wali Cast
The Trustees of the British Museum AN 98881



Fig. 10.71
Davies & Gardiner (1962)
Tutankhamun's Painted Box, Lid B.

CHAPTER 11

THE IMPACT OF THE HORSE

Horses	Water (mixed hay and grain diet)	Water (forage only)	Feed (grass/hay- light work)	Feed (grass/hay- heavy work)	Waste (manure)	Waste (urine)
1	31 litres	33.5 litres	8.3 kg	13.3 kg	8-10kg	12-14 litres
10	310 litres	330.5 litres	80.3kg	130.3 kg	80-100kg	120-140 litres
100	3100 litres (3+ tonnes)	3300.5 litres (3+tonnes)	800.3kg	1300.3 kg	800- 1000kg	1200- 1400 litres

Fig.11.1 Daily Nutritional Requirements

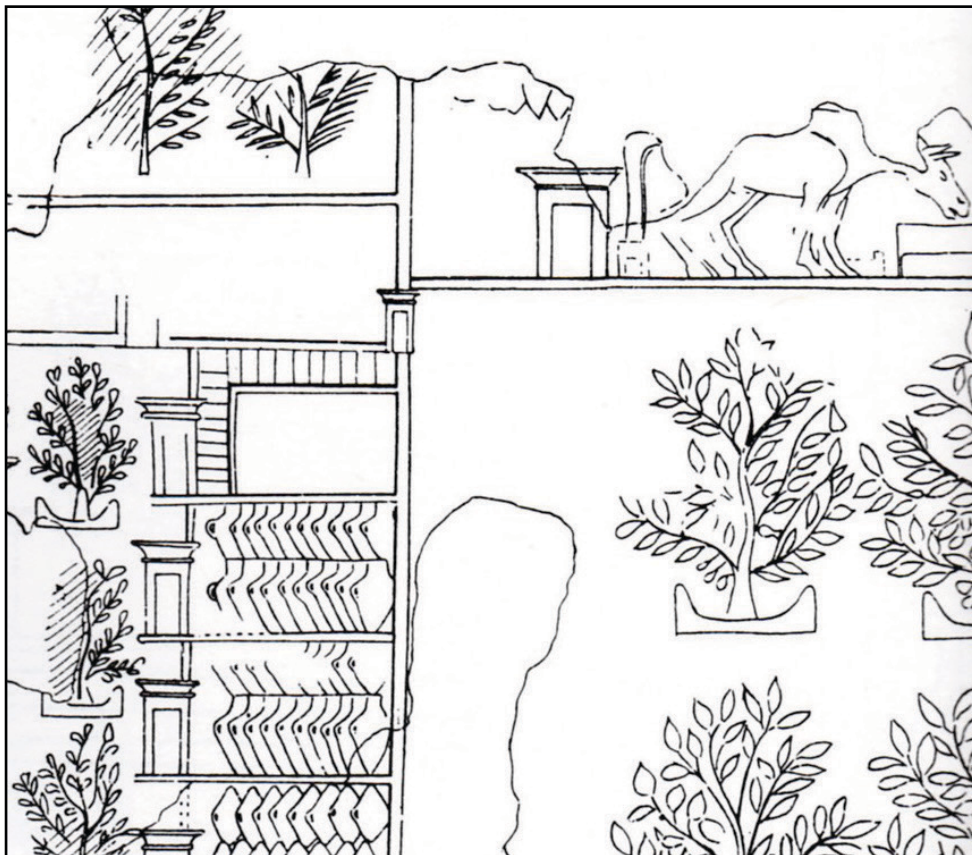


Fig. 11.2

Meryra I

Davies (1903) *The Rock Tombs of El-Amarna Part I, The Tomb of Meryra*, pl. 32.

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Fig. 11.3
Chariot making
Hepuseneb TT 67
Davies (1961) "Fragment of a Punt Scene," *JEA*
47 (1961) 19-23.



Fig. 11.4
Puyemre TT 39
Davies (1923) *The Tomb of Puyemre at Thebes*, pl. 13.

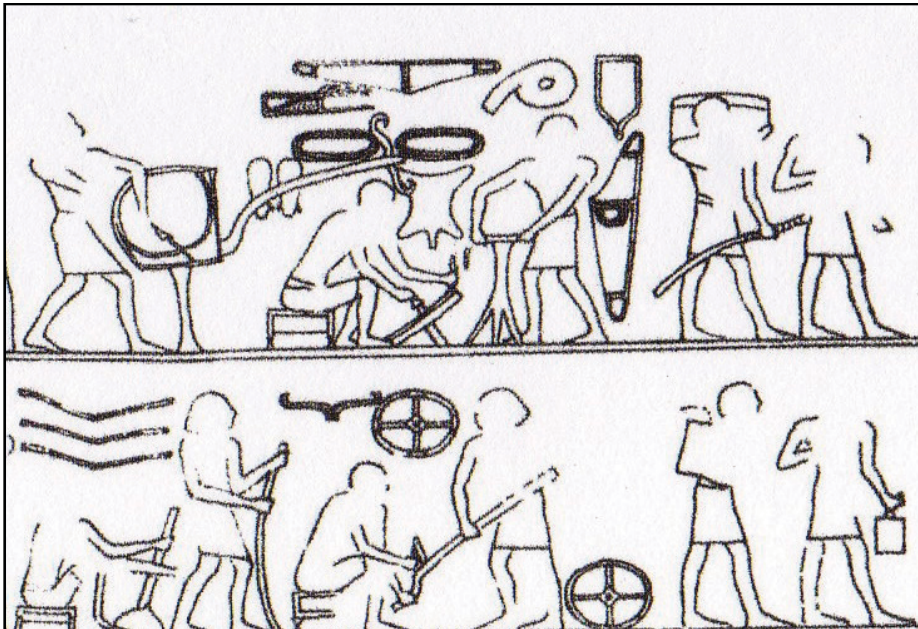


Fig. 11.5
Mery TT 95
Wreszinski. W. (1988) *Atlas zur altaegyptischen
Kulturgegeschichte*, pl.307.



Fig. 11.6
Ramesses II
Abu Simbel,
Photo. S. Turner.



Fig. 11.7
Mortuary temple of Ramesses II,
Abydos,
Photo. S. Turner.



Fig. 11.8
Userhat TT 56
Beinlich-Seeber &
Ghaffar Shedid.
(1987) *Das Grab des
Userhat (TT 56)*,
431.

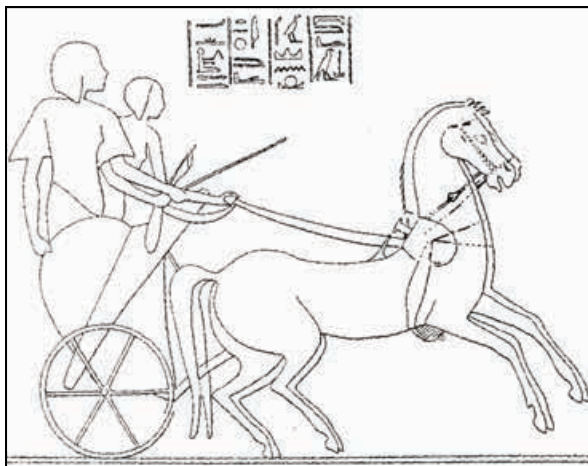


Fig. 11.9
Mahu AS 9
Davies (1906) *The Rock Tombs of El-Amarna,
Part 4, The Tombs of Penthu, Mahu, and Others*,
pl. 26.



Fig. 11.10
Stele of Thay
Davies (1908) *The Rock Tombs of El-Amarna*,
Part 5. *Smaller Tombs and Boundary Stelae*, pl.
22.



Fig. 11.11
Paheri
Tylor & Griffiths (1895) *The Tomb of Paheri*, pl.3.



Fig. 11.12
Thutnefer TT 80
Wreszinski
(1988) *Atlas zur
altaegyptischen
Kulturgegeschichte*
e,I,
pl. 260.

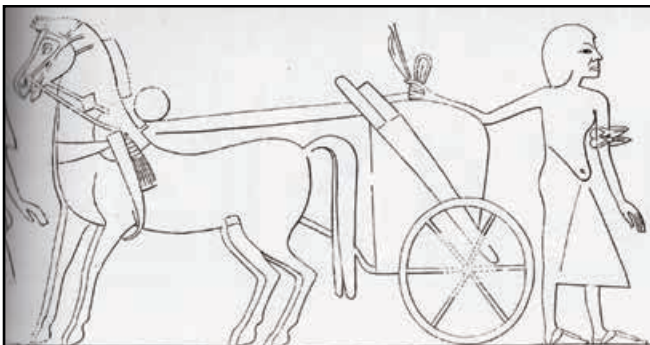


Fig. 11.13
Meryre I
Davies (1903) *The Rock Tombs of El-
Amarna Part I, The Tomb of Meryre*, pl.24.

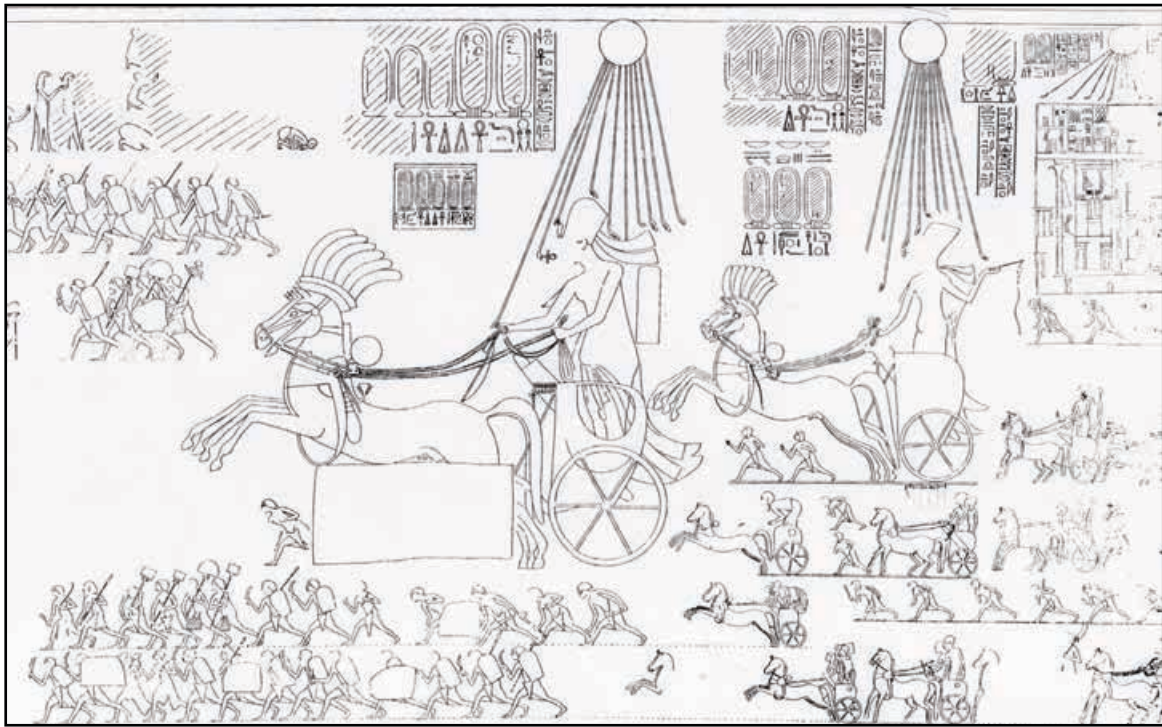


Fig. 11.14

Panhesy AN 6

Davies (1905) *The Rock Tombs of El-Amarna. Part II. The Tombs of Panhesy and Meryra II*, pl.13.

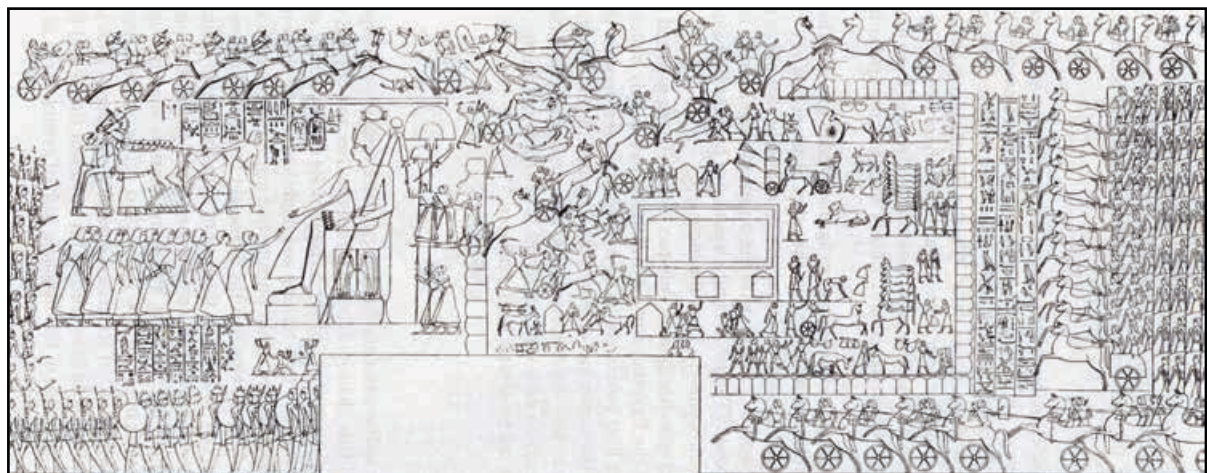


Fig. 11.15

Qadesh, Luxor Temple

Kitchen (1997) *Pharaoh Triumphant*, fig. 19.



Fig. 11.16

Chariot divisions,
Ramesses II, Abydos,
Photo.S. Turner.



Fig. 11.17
Archers in chariots,
Ramesses II, Abu Simbel,
Photo. S. Turner.



Fig. 11.18
Scout/ messenger
Ramesses II,
Ramesseum,
Photo. S. Turner.

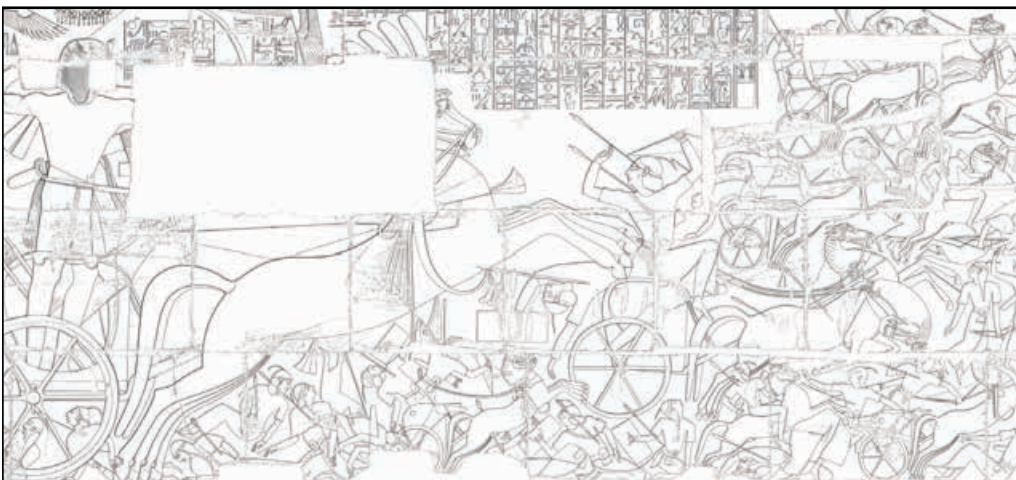


Fig. 11.19
Seti I Attacking the Hittites
The Epigraphic Survey (1986) *The battle reliefs of King Sety I*, pl. 34.



Fig. 11.20
Tjannuni TT 74
Brack & Brack (1977) *Das Grab des Tjannuni*, pl. 29. sc. 15.



Fig. 11.21
Kenamun TT 162
Davies (1963) *Scenes from some
Theban Tombs*, pl. 18.

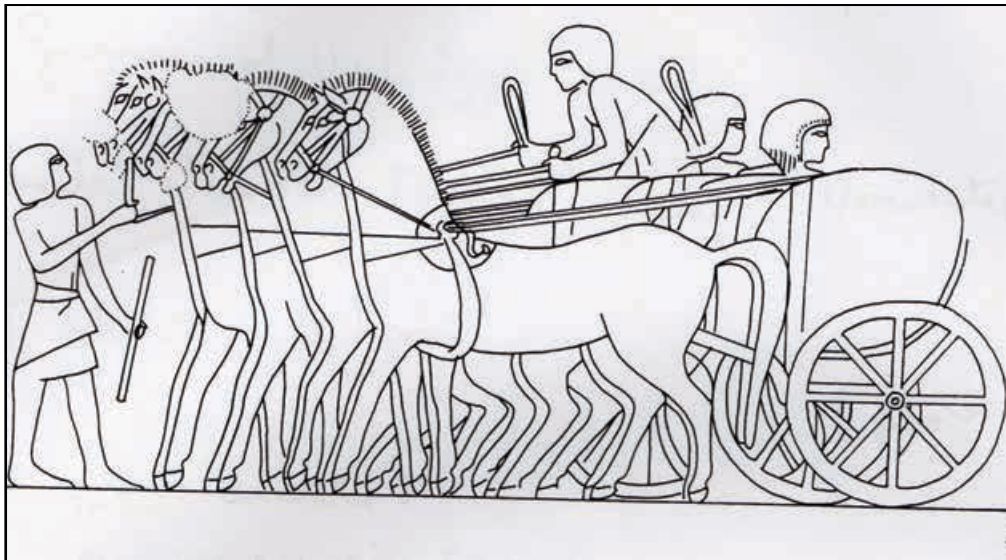


Fig 11.22
Khaemhat TT 57
Rommelaere (1991) *Les Chevaux du Nouvel Empire Egyptien*, pl. 55a.



Fig. 11.23
Ramesses II Mortuary Temple, Abydos,
Photo. S. Turner.



Fig. 11.24
Meryre I
Davies (1903) *The Rock Tombs of El-Amarna, Part 1. The Tomb of Meryra*, pl. 25.

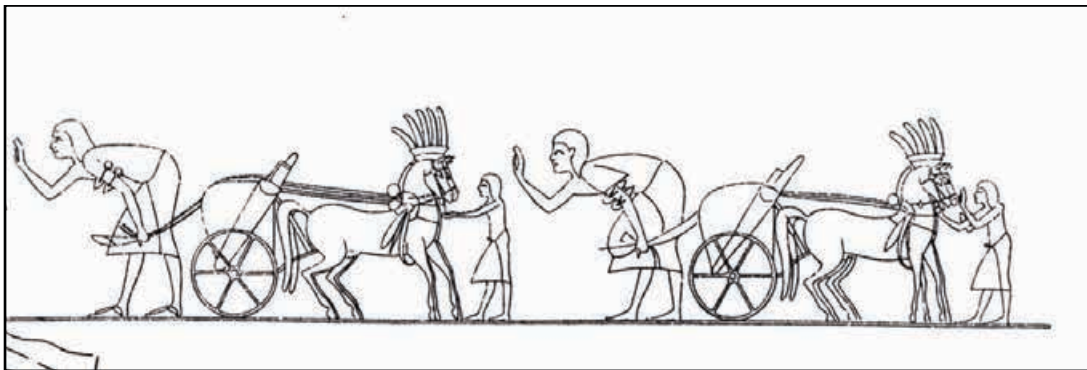


Fig. 11.25
Ay
Davies (1908) *The Rock Tombs of El-Amarna. Part VI. The Tombs of Parennefer, Tutu and Ay*, pl. 29.

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Fig. 11.26
Horemheb (Saqqara)
Martin(1989) *The Memphite Tomb of Horemheb, Commander-in-Chief of Tutankhamun*, 1, pl. 95.sc. 69.



Fig. 11.27
Amenemhet TT 123
Davies (1932)“The Work of the Graphic branch of the Expedition.” *Metropolitan Museum of Art Bulletin*, 27(1932) 3, 51-62.



Fig. 11.28
Anonymous A TT 91
Wreszinski(1988)*Atlas zur altaegyptischen Kulturegeschichte* 1, pl.290.

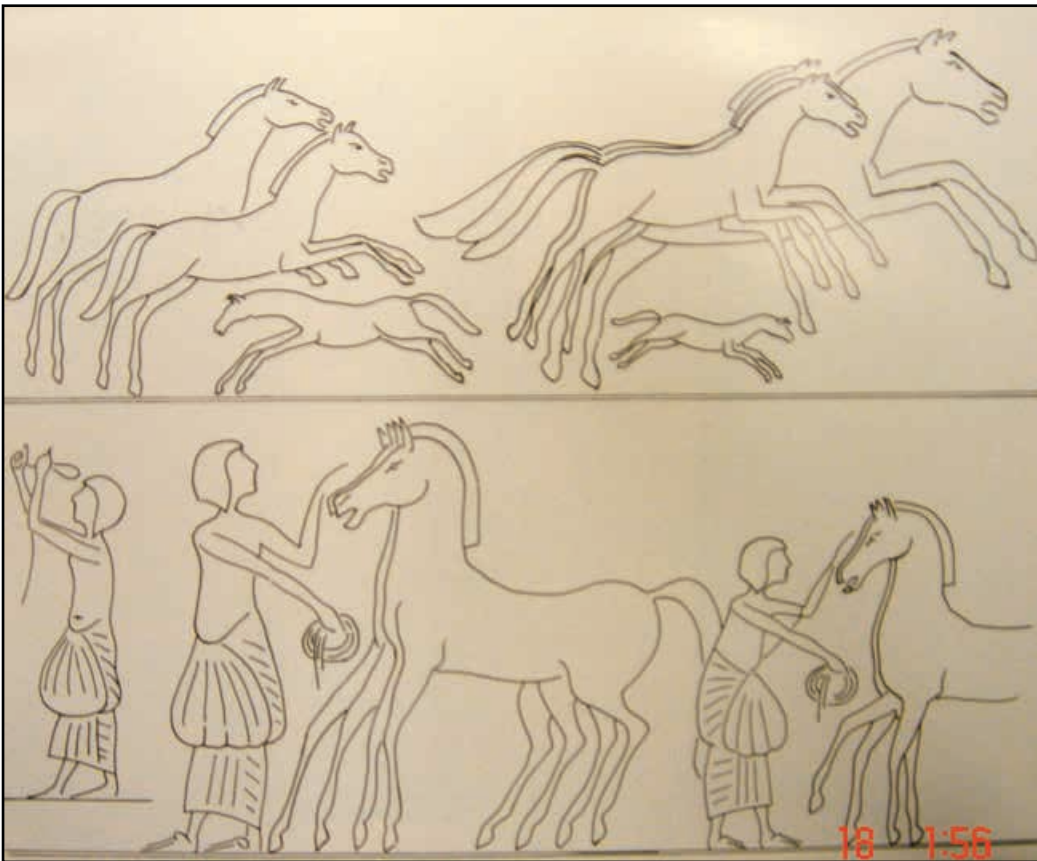


Fig. 11.29
Hanke (1978) *Amarna-reliefs aus Hermopolis*, 231.

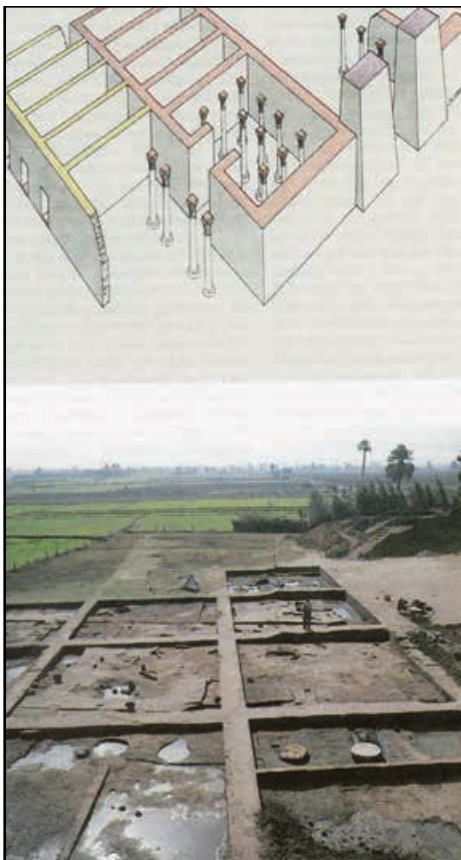


Fig. 11.30
Pusch (1993) "Pi-Ramesse-geliebt-von-Amun,
Hauptquartier deiner Streitwagentruppen," in
Eggebrecht (1993) *Pelizaeus-Museum (Hildesheim) /
Ägyptische Sammlung*, pls.126 &127.

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Fig. 11.31
Hepuseneb TT 67
Davies (1961) "Fragment of a Punt Scene," *JEA*
47, 19-23.

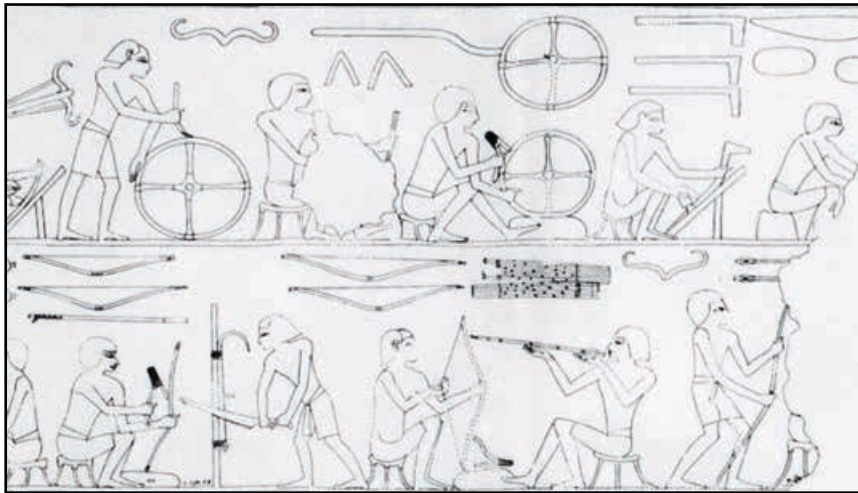


Fig. 11.32
Menkheperasonb TT 86
Davies, N & Nina de Garis Davies (1933) *The Tombs of Menkheperasonb, Amenmose and Another*
(Nos. 86, 112, 42 and 226) pl.12.

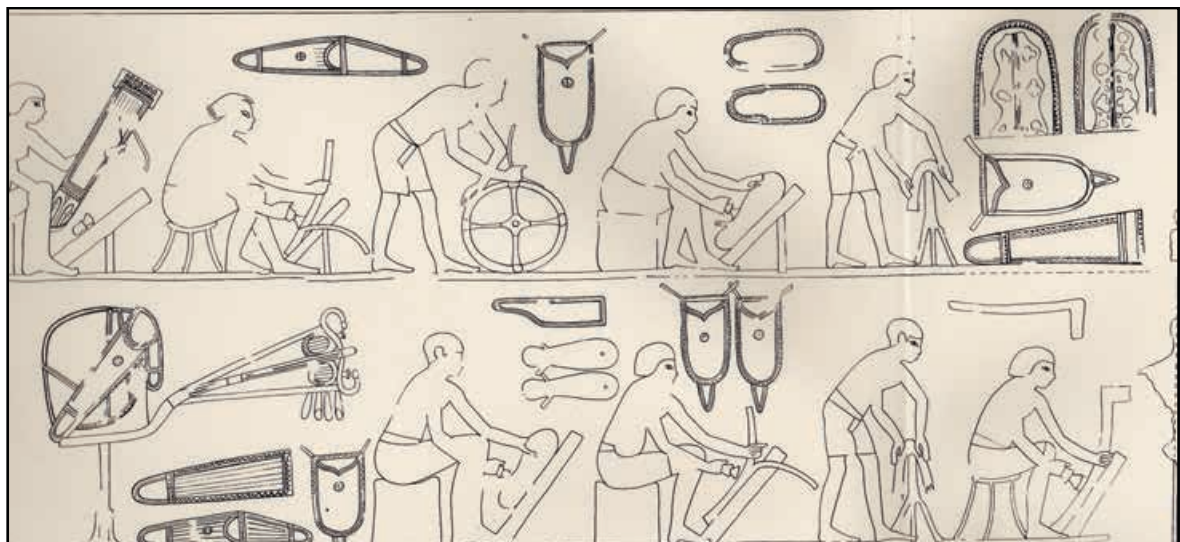


Fig. 11.33
Hapu TT 66
Davies, Nina 1963) *Scenes from Some Theban Tombs*, pl.8.

CHAPTER 11

Transporting Horses by Boat



Fig. 11.34

Paheri

Pardey (1998) "The Royal Administration and its Organisation," in Shulz & Seidel (eds.) (1998) *Egypt. World of the Pharaohs*, pl.60.



Fig. 11.35

Haremheb TT 78

Brack & Brack. (1980) *Das Grab des Haremheb, Theben Nr. 78*, pl.88. sc.11.1.



Fig. 11.36
Khaemhat TT 57
www.nilemuse.com

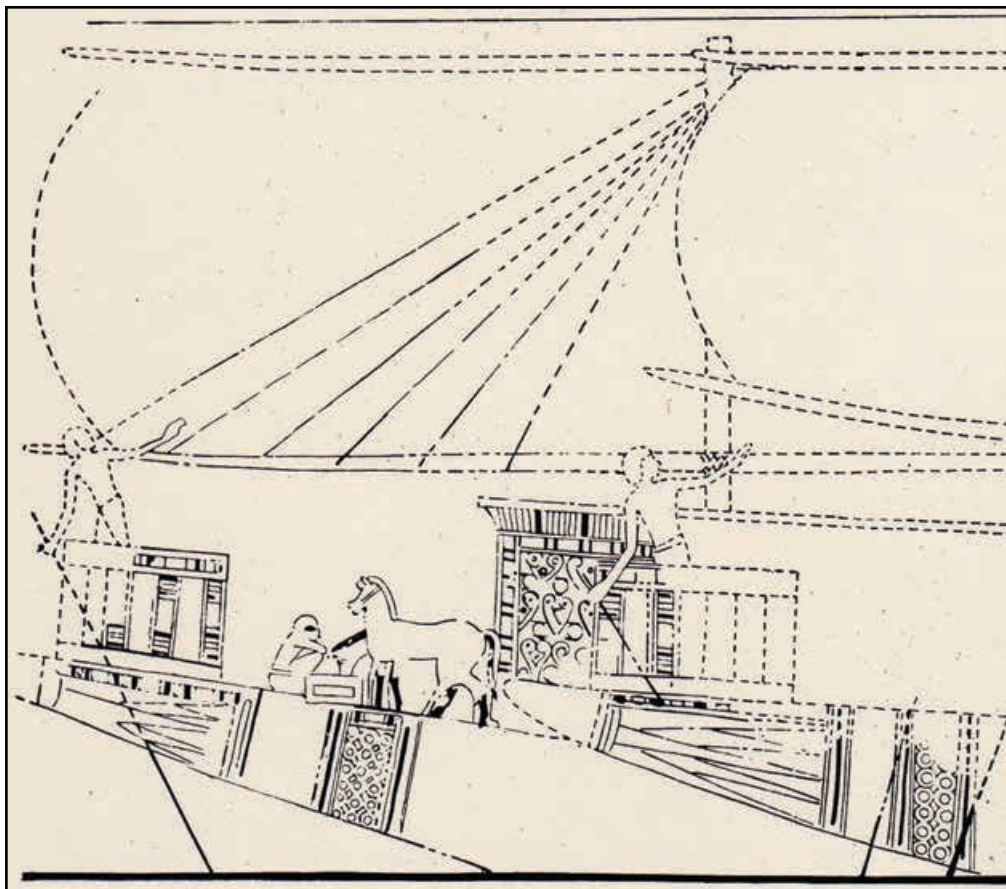


Fig. 11.37
Kenamun TT 162
Davies (1963) *Scenes from some Theban Tombs*, pl.18.

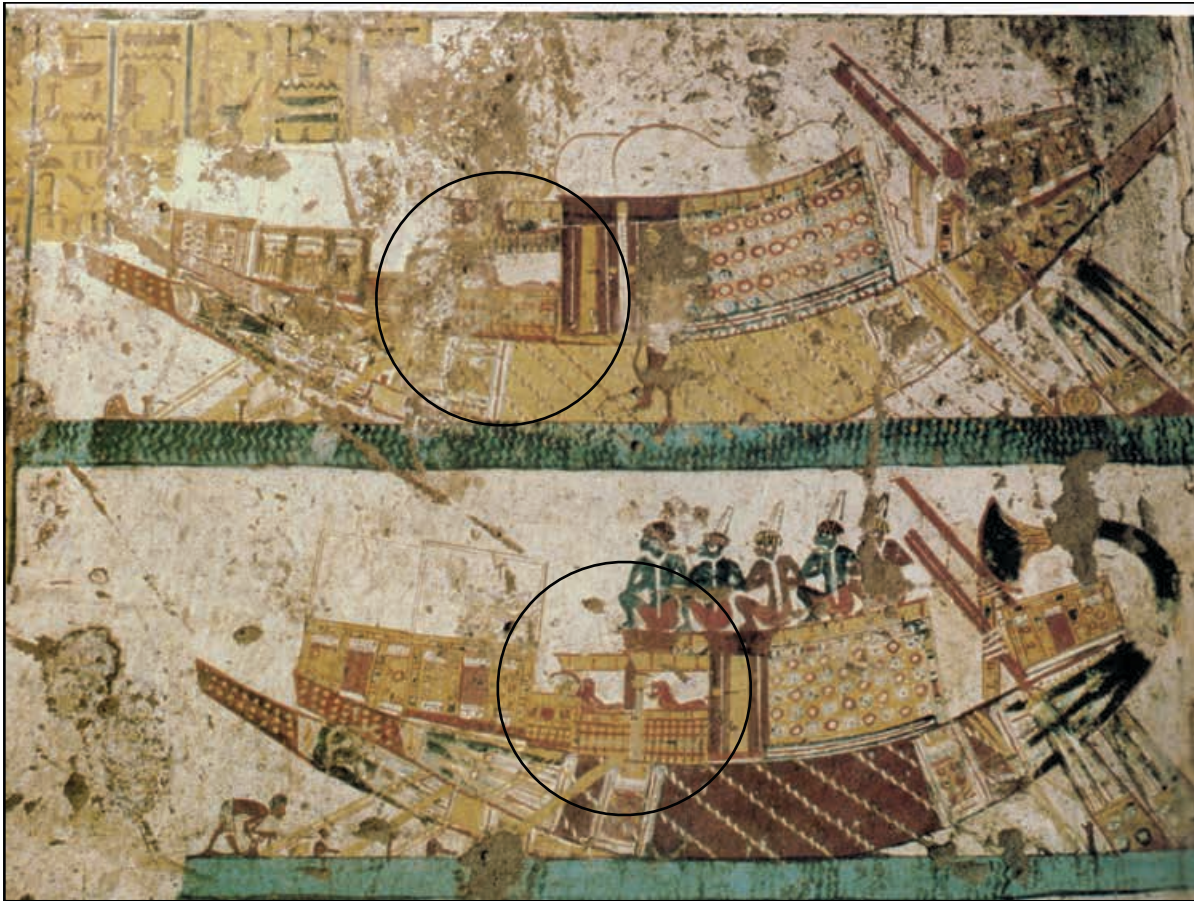


Fig. 11.38
Amenhotep-Huy TT 40
Freed (1983) *Egypt's Golden Age*, 6.

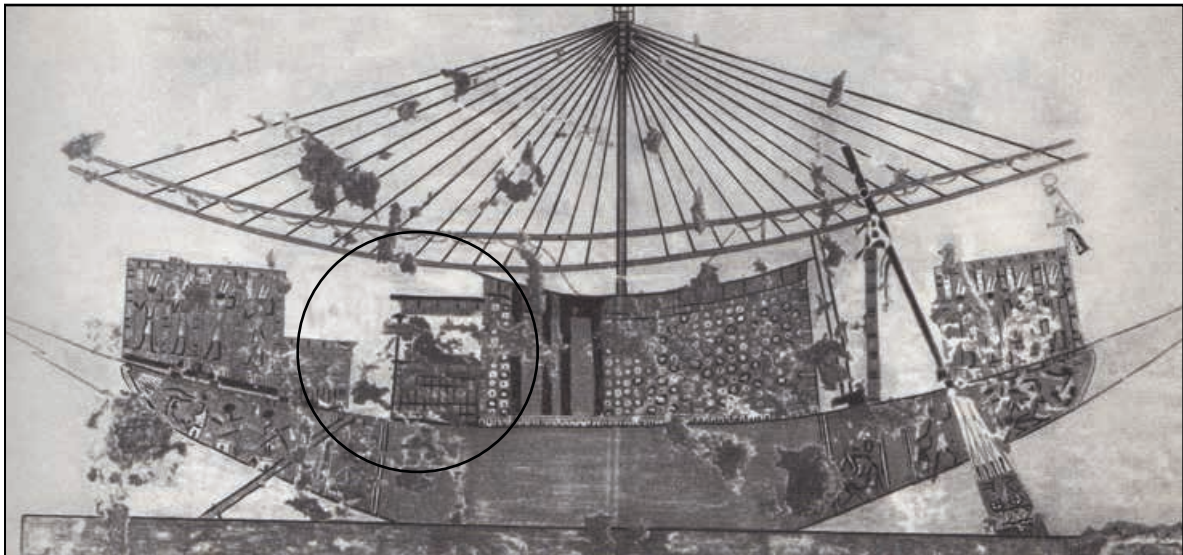


Fig. 11.39
Amenhotep-Huy TT 40
Desroches- Noblecourt (1963) *Tutankhamun*, pl.144.

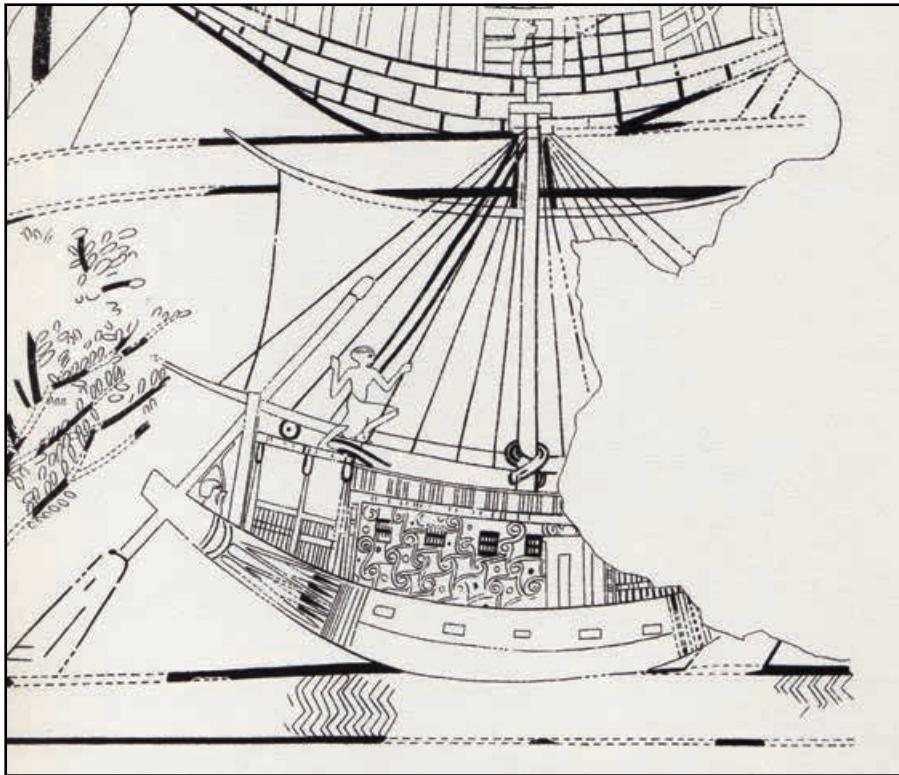


Fig. 11.40
Neferhotep TT 49
Davies (1933) *The Tomb of Neferhotep*, 1
pl.43.



Fig. 11.41
Parennefer TT-162-
Hoffmann (2004) *Bilder im Wandel. Die Kunst der Ramessidschen Privatgräber*,
pl.3.

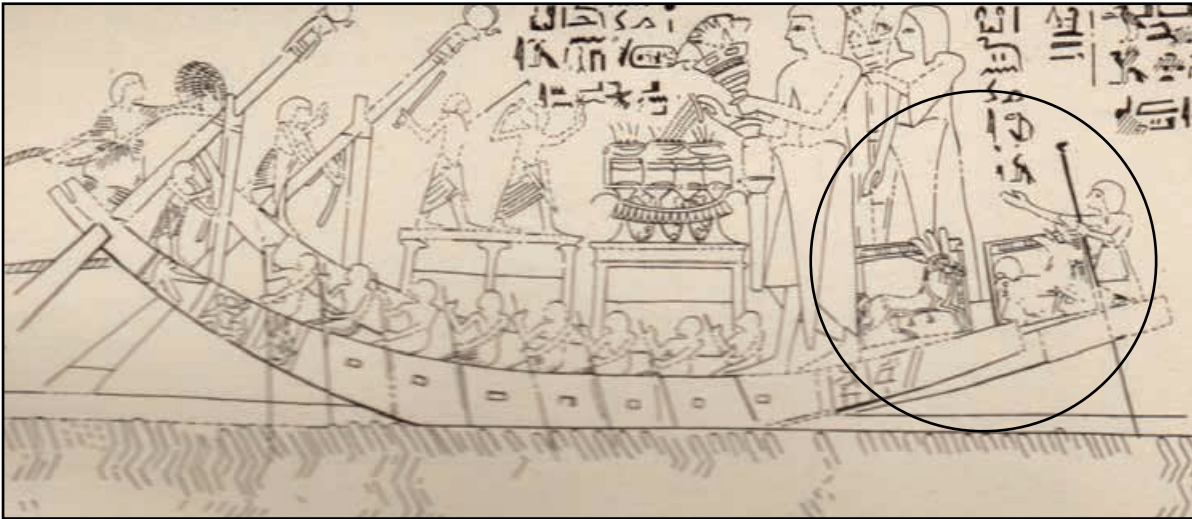


Fig. 11.42
Khons TT 31
Davies & Gardiner (eds.)(1948) *Seven Private Tombs at Kurnah* ,2, pl.12.

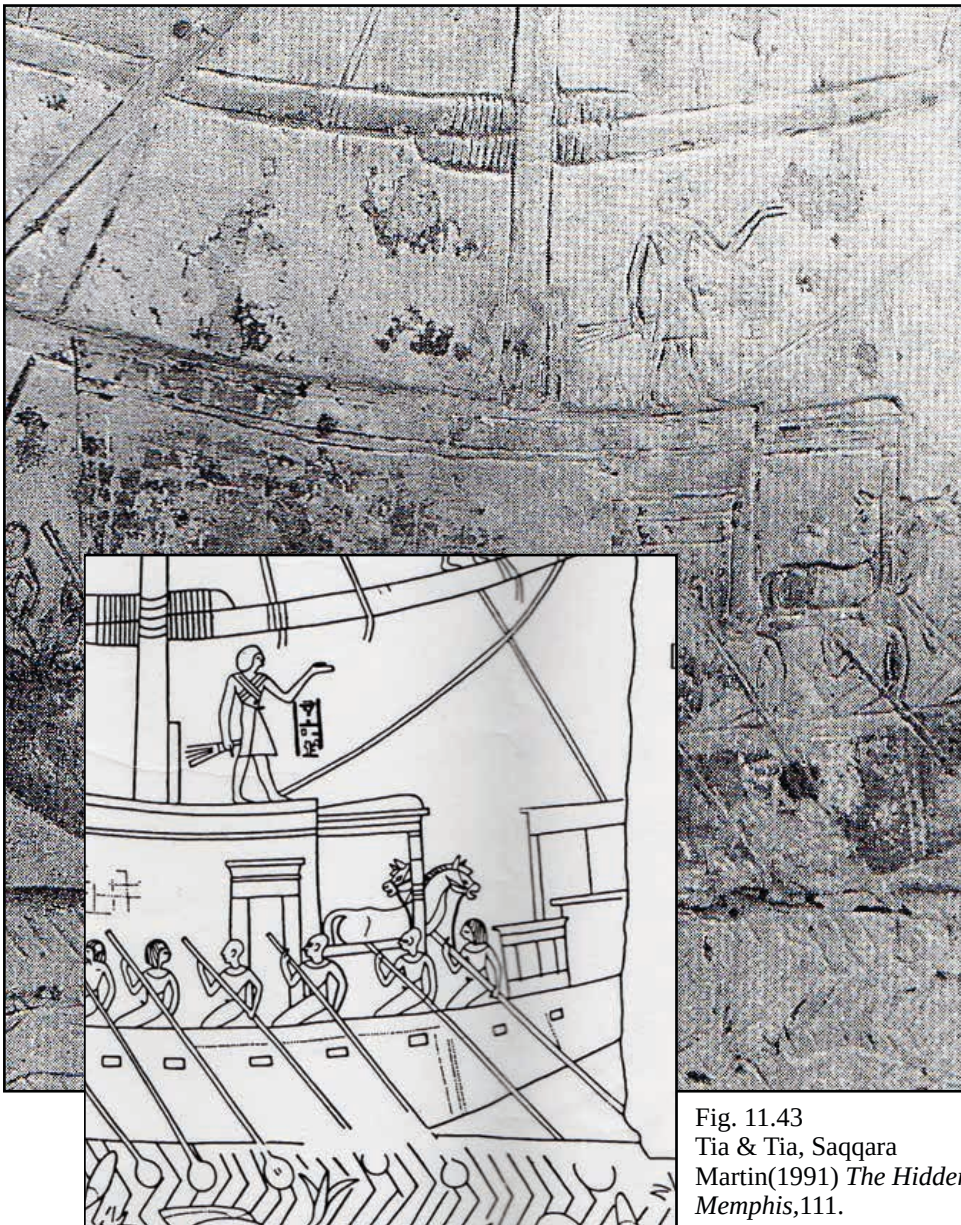


Fig. 11.43
Tia & Tia, Saqqara
Martin(1991) *The Hidden Tombs of Memphis*,111.

Categories	Letter representing a category	Number of titles claimed by the officials by category	Percentage of the total
Armed Forces/ military	M	77	9.9%
Temples/Temple Economy	T	231	29.9%
Building program	B	19	2.4%
Territories/Foreign Lands	F	16	2.0%
Administration- Central and Provincial	A	142	18.4%
Royal Estate, Personal Service, Royal Family	K	215	27.8%
Honorific	H	71	9.2%
Total		771	

Fig. 11.44
Categories of Titles of Officials in Possession of Horses in the New Kingdom.



Fig. 11. 45
Part of a horse blinker from Amarna
Staatliche Museen zu Berlin
AM 21193



Fig. 11.45
Newberry (1905) *Ancient Egyptian Scarabs*,
pl. 28,no. 18.



Fig. 11.46
Thutmose III scarab,
Metropolitan Museum of Art
05.3.263



Fig. 11.46
Beit el-Wali Cast
Ramesses II
British Museum <http://www.ancientegypt.co.uk/pharaoh/explore/main.html>

NAME AND TITLE: ¹⁵,
htr '3 tpy n hm.f imn hr wd3 n.f p3 knt d(d) tw n.f 'nt3 hrti

Fig. 11.47
 Eshmawy (2007) "Names of Horses in Ancient
 Egypt," 667.



Fig. 11.47a
 The Epigraphic Survey (1986) *The Battle Reliefs
 of King Sety I*, pl. 4.

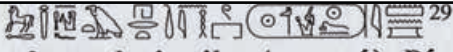
NAME AND TITLE: ²⁹
htr '3 tpy n.hm. f mwt hrti n lhw (wsr m'3t R' stp. n R)??? mri imn

Fig. 11.48
 Eshmawy (2007) *Names of Horses in Ancient
 Egypt*, 670.



Fig. 11.49
 Meryra I
 Davies (1903) *The Rock Tombs of El-Amarna, Part 1. The Tomb of Meryra*, pl. 10.

CHAPTER 11

HERMANEUTICS AND HORSES



Fig. 11.
Userhat TT 56
Beinlich-Seeber & Ghaffar Shedid
(1987) *Das Grab des Userhat (TT
56)* pl 17



Fig. 11.
Khaemhat TT 57
Siliotti (1996) *Guide to the Valley
of the Kings*, 141

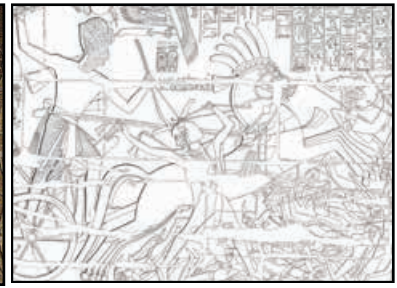


Fig. 11.
Seti I Attacking the Libyans
Karnak
Epigraphic Survey (1986) *The
Battle Reliefs of King Sety I*, pl.
28

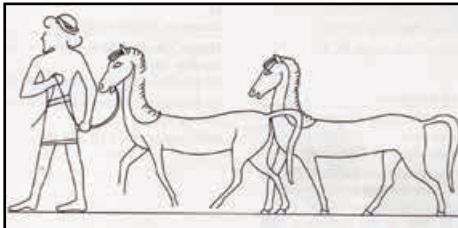


Fig. 11.
Amunedjeh TT 84
Rommelaere (1991) *Les chevaux du nouvel
Empire Égyptien*, 155



Fig. 11.
Amenemhet TT 123
Davies (1932) "The Work of the Graphic Branch
of the Expedition." *Metropolitan Museum of Art
Bulletin*, 27 (1932) 3, 51-62. fig.8



Fig. 11.
Ramesses II- Abydos my photo

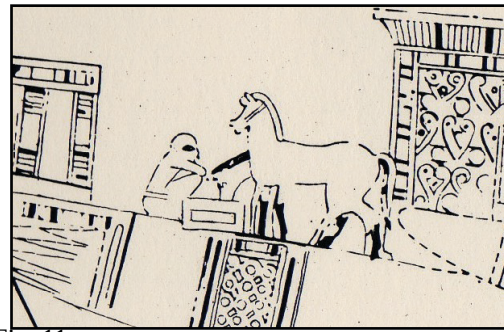


Fig. 11.
Kenamun TT 162
Davies (1963) *Egyptian Tomb Paintings*, pl.18

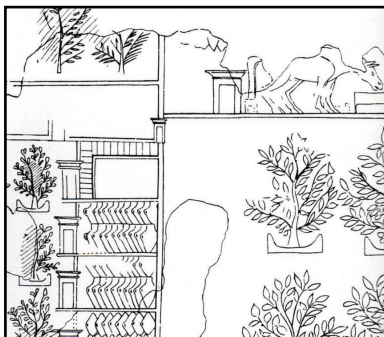


Fig. 11.
Meryra 1
Davies (1903-1908) *The Rock Tombs of
El-Amarna, The Tomb of Meryra*, pl. 32



Fig. 11..
Petrie (1894) *Tell el-Amarna*, pl.
11



Fig.11.
Ipuia Saqqara
Quibell & Hayter (1927) *Excavations at Saqqara; Teti Pyramid, North Side*, pl. 12

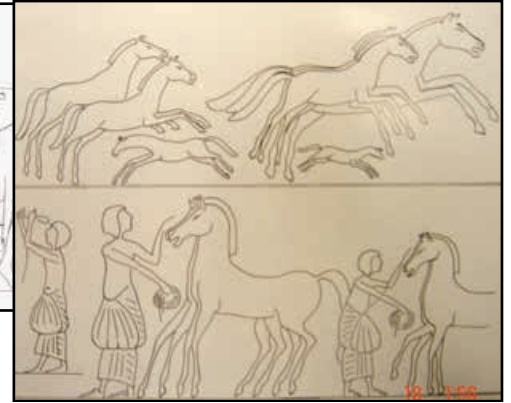


Fig. 11.
Amarna relief
Hanke (1978) *Amarna-reliefs aus Hermopolis*, 231.



Fig.11.
Davies & Gardiner (1962) *Tutankhamun's Painted Box*, pl. 1

Fig. 11.
Seti I attacking the Hittites
Epigraphic Survey (1986) *The Battle Reliefs of King Sety I*, pl. 34

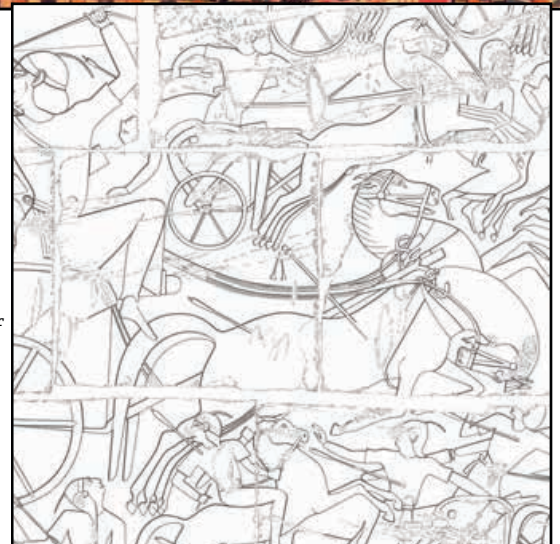




Fig.11.
Ramesses II- Kadesh
Abu Simbel
Photo S. Turner



Fig. 11.
Bongioanni (2004) *Luxor and the Valley of the Kings*, 79



Fig. 11.
Ramesseum
Photo S. Turner



Fig.11.
Ramesseum
photo S. Turner

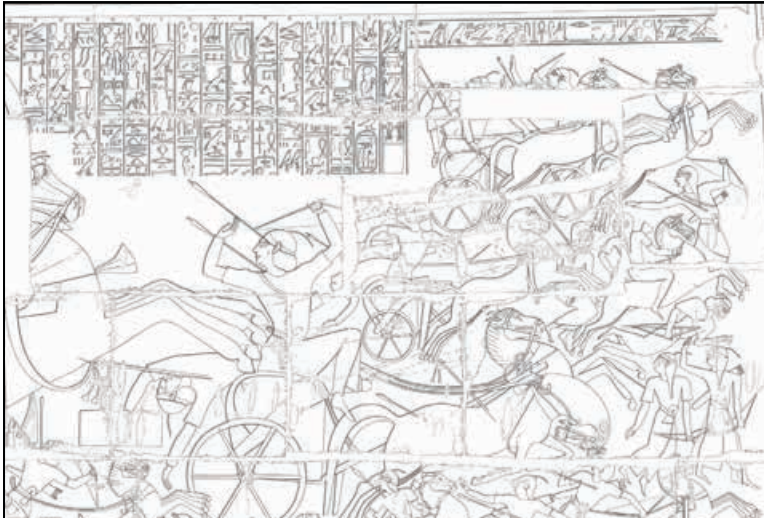


Fig.11.
Seti I attacking the Hittites
Epigraphic Survey (1986) *The Battle Reliefs of King Sety I*, pl. 34

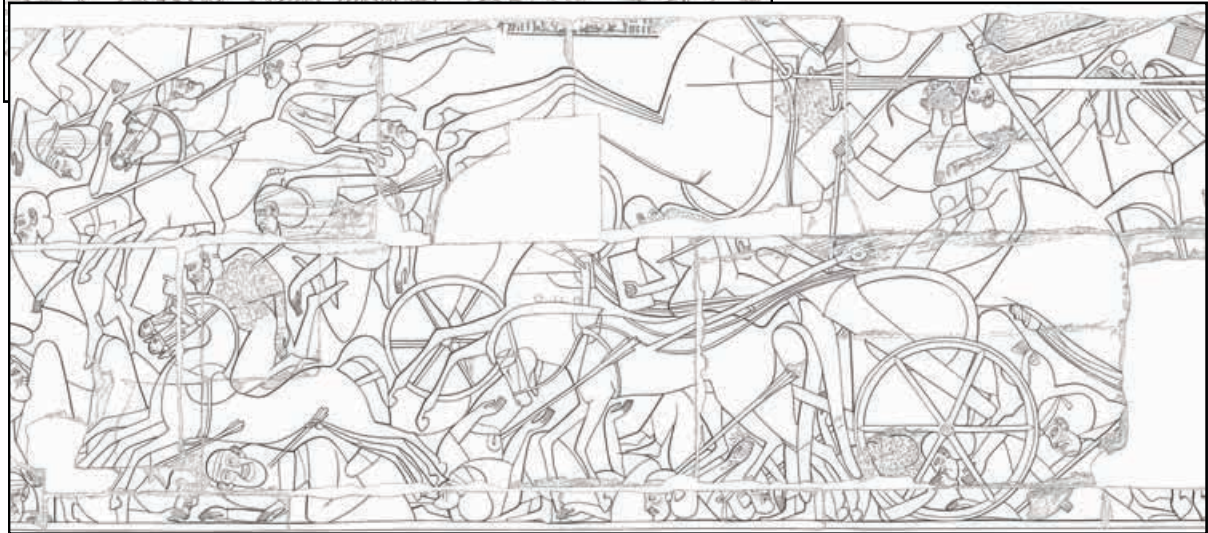


Fig.11.
Seti I Attacking the Town of Yenoam
Epigraphic Survey (1986) *The Battle Reliefs of King Sety I*, pl. 11

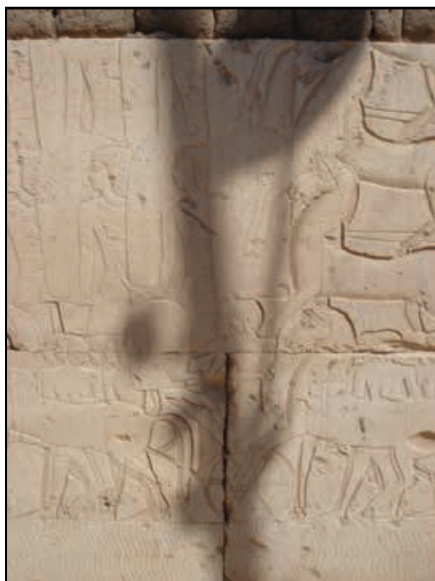


Fig.11.
Abydos
Egyptian Chariots in lines and borders
Photo S. Turner



Fig.11.
Abydos
Egyptian Chariots in registers.
Photo
S.Turner



Fig. 11.50
Beit el-Wali Cast
Ramesses II in Battle,
British Museum <http://www.ancientegypt.co.uk/pharaoh/explore/main.html>



Fig. 11.51
Seti I, Escorting Hittite Captives to Egypt,
The Epigraphic Survey (1986) *The Battle Reliefs of King Sety I*, pl.35.