

THE OLD ASSYRIAN COLONY PERIOD SETTLEMENT
AT BOĞAZKÖY-HATTUŠA, IN CENTRAL TURKEY

A Chronological Reassessment
of the Archaeological Remains

Ann Clyburn Carter

Submitted in partial fulfillment of the
requirements for the degree
of Doctor of Philosophy
in the Faculty of Philosophy

COLUMBIA UNIVERSITY
1980

©TELİF HAKKI KORUNAN ESER©

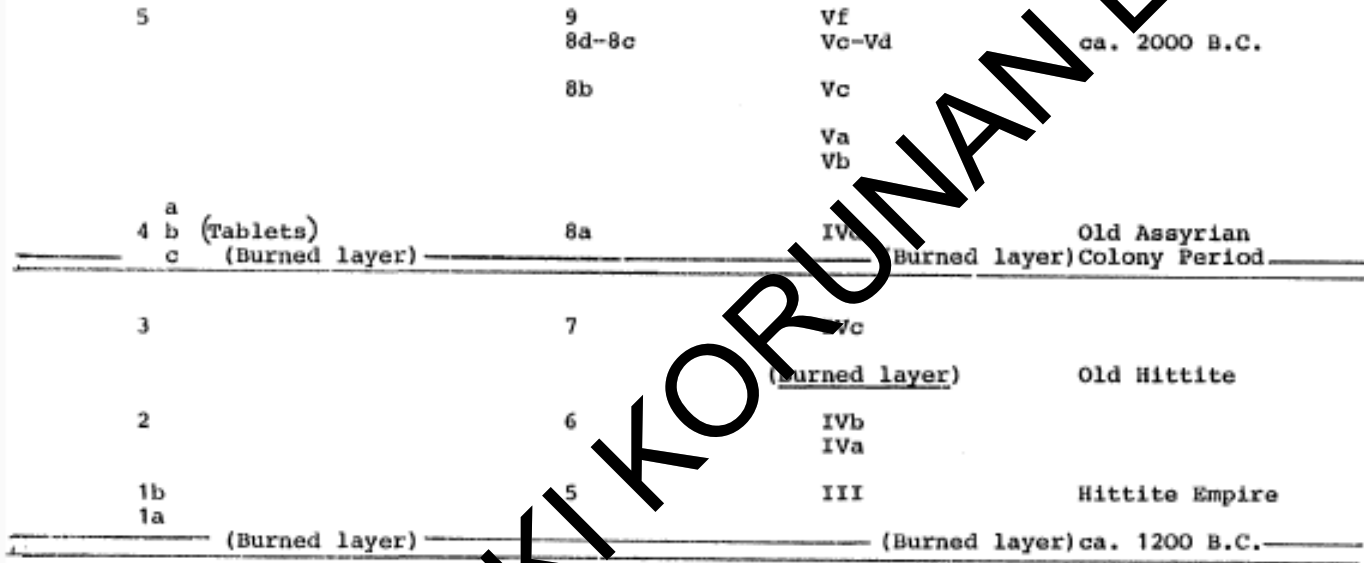


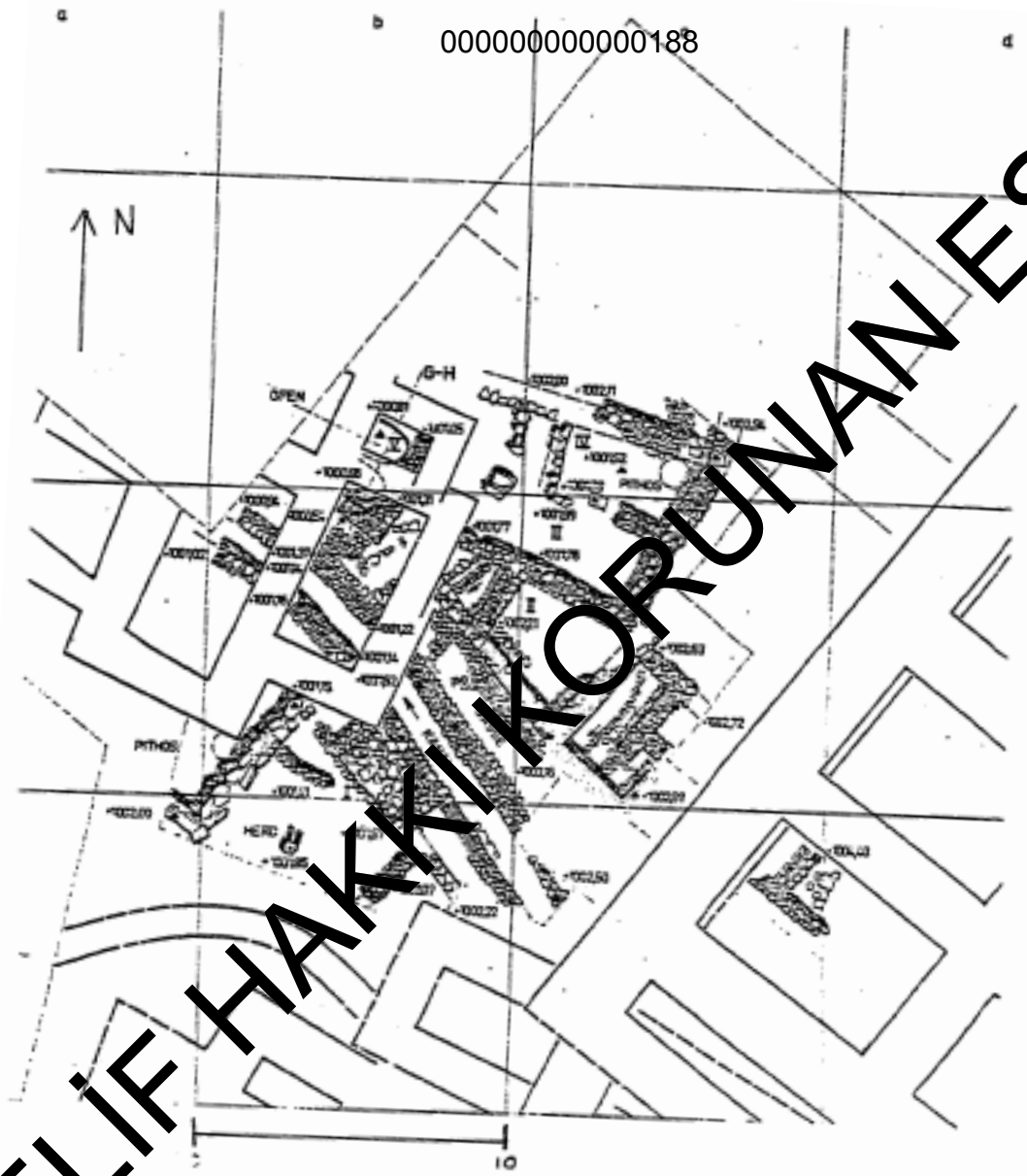
Fig. 3. Relative Sequence of Second Millennium Building Levels at Boğazköy

BOĞAZKÖY	KÜLTEPE		ALIŞAR HÜYÜK		HISTORICAL CORRELATIONS
	Karum IV III	Mound	Terrace 11T	Citadel 5M	(ca. 2000 B.C.)
	II (Tablets)				Sargon I, Puzur- ^{VV} Assur II (ca. 1870 - 1830 B.C.)
Unterstadt 4 (Tablets)	^a Ib ^c (Tablets)	7 (Tablets)	^c 10T (Tablets)		^V Šamši-Adad I, Iasmah-Adad (ca. 1815 - 1782 B.C.)
					^V Warsama, Anitta

Fig. 4. The Old Assyrian Colony Period Levels at Boğazköy, Kültepe and Alişar Hüyük with Historical Correlations



Fig. 5 Unterstadt Level 4: Building Remains in J-K/20-21
(Flucher, Die hethitische Keramik von Boğazköy, Beil. 3)



© TELIF HAKKI KORUNAN ESER ©

Fig. 6 Nordwesthang Level 8a: Building Remains in L/18 b-d/5-7
 Schirmer, Die Bebauung am unteren Büyükkale-Nordwesthang
 in Boğazköy, Beil. 12)



Fig. 7 Nordwesthang Levels 8b-8a: Building Remains in L/18 c-d/9-10
 (Schirmer, *Die Bebauung am unteren Büyükkale-Nordwesthang in Boğazköy*, Beil. 12)

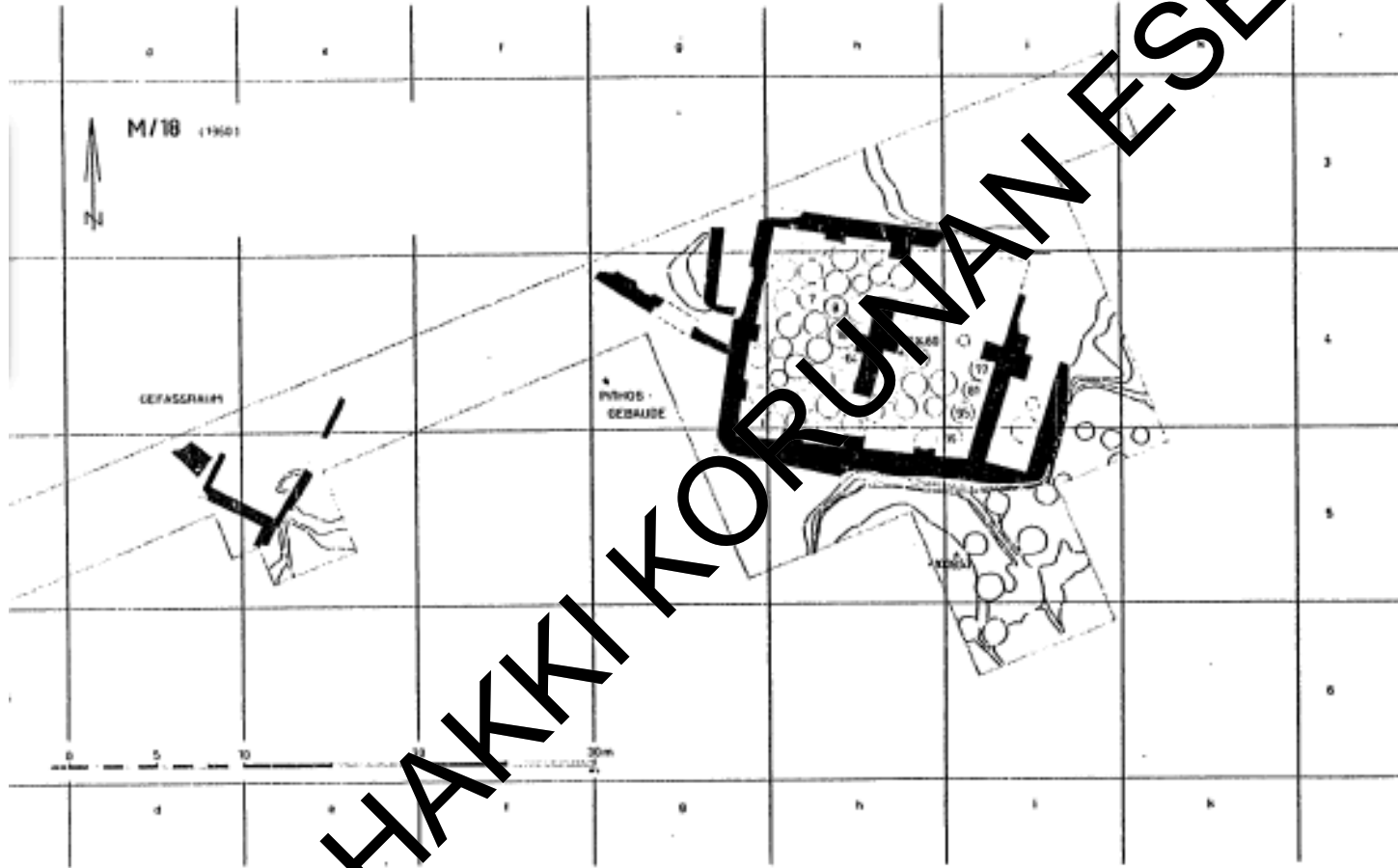
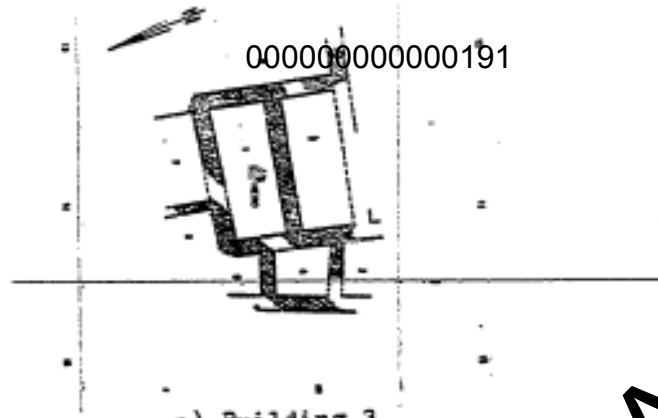
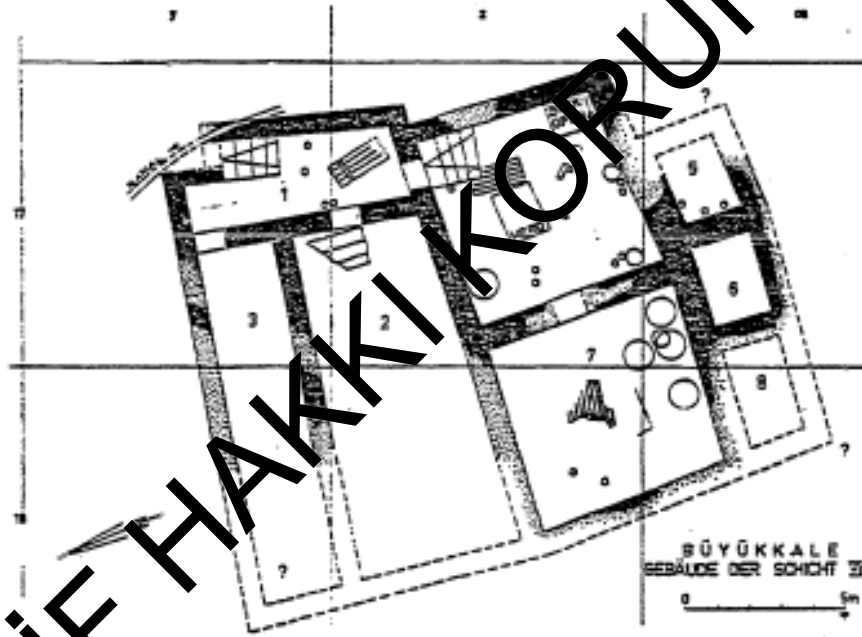


Fig. 8 Nordwesthang Level 8a: Building Remains in M/18
 Fischer, Die hethitische Keramik von Boğazköy, Beil. 5)



a) Building 3



b) Building 1

Fig. 9 Büyükkale Level Vc: a) Building 3 in z-aa/13-15
 b) Building 1 in y-aa/17-18 (Neve, MDOG 95, 1965, p. 36,
 fig. 17a; Neve, MDOG 900000000000191 fig. 14a)

© TELİF HAKKI KORUNAN ESER ©

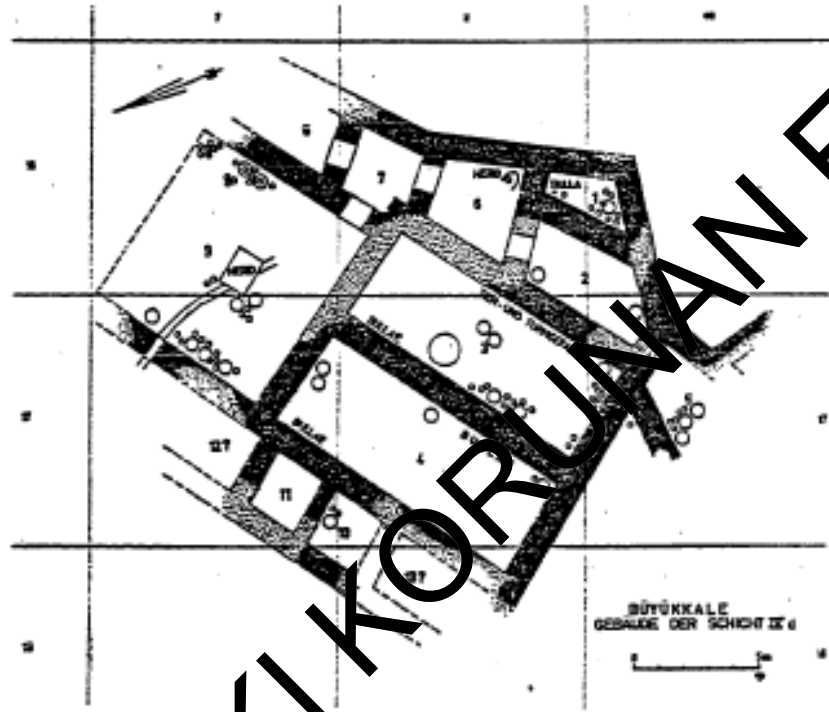


Fig. 10. Büyükkale Level IVd: Building 1 in y-aa/16-18
(Newspaper, MDOG 97, 1966, p. 23, fig. 10)

AREA/GRID LOCATION

000000000000193

BUILDING REMAINS

ATKÇ

UnterstadtJ-K/20-21

Level 4: Streets, canals
 "Complexes" I-III
 "Dwelling blocks"

Nordwesthang-BüyükkaleL/18 b-c/5-7

Level 8a: Street, canal
 Rooms I; II of "complex" plan

c-d/9-10

Level 9: Houses I-III
 Levels 8d-8e: Fragmentary walls
 Level 8b: Rooms 1-4 of "parallel
 room core" plan
 Level 8a: "later burned building"
 of "parallel room core" plan

M/18 d-e/4-5

Level 8a: "Vessel-Room"

g-i/3-5

Level 8a: "Pithos-Building"

Büyükkalew-x/5-8

Level Vc: fragmentary walls
 Level IVd: fragmentary walls

x-y/19

Level Vf: circular pits
 Levels Ve-Vd: fragmentary walls

y-aa/13-18

Level Vc: Buildings 1-3 of
 "parallel room core" plan

y-aa/15-18

Levels Vb-Va: ?
 Level IVd: Building 1 of "parallel
 room core" plan
 Level IVd: Building 2

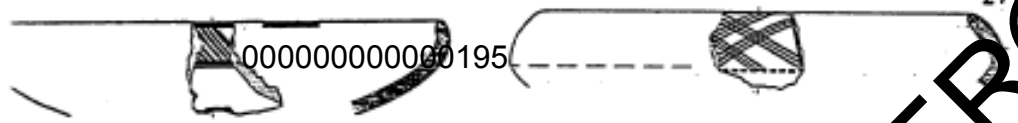
z-abb/17-21

Level IVd: "city" wall

Fig. 11 Building Remains of the Early
 Second Millennium at Boğazköy
 by Area and Grid Location



Fig. 12. Relative Sequence of Early Second Millennium Building Levels and Architectural Remains

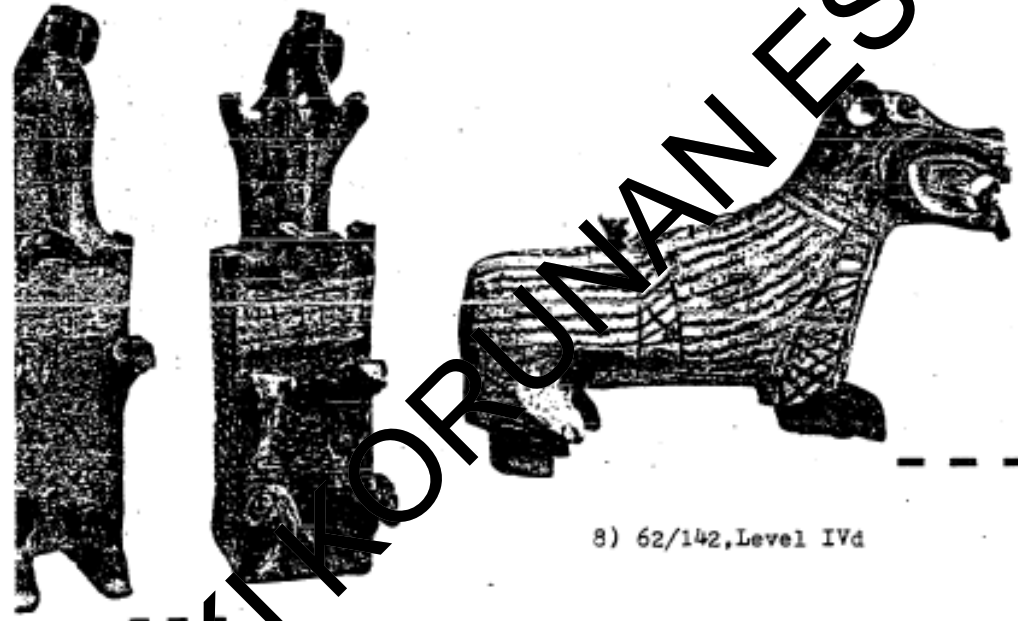


1) Level 8b

1:3

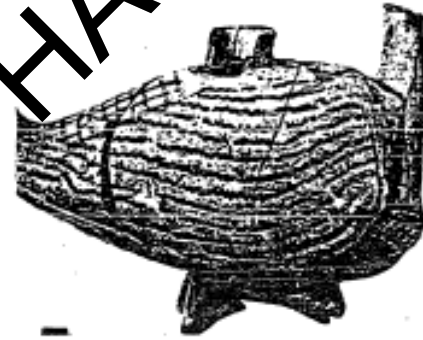
2) Level 8b

1:3



8) 62/142, Level IVd

11) 62/149, Level IVd



'146, Level IVd 000000000000195



1:2

13) Unterstadt 4

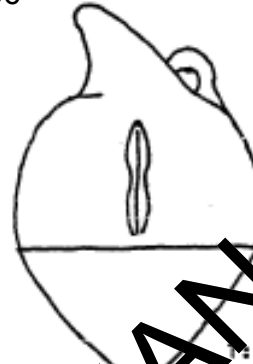
Fig. 13 Painted Pottery: Büyükkale IVd, Nordwesthang 8b, Unterstadt 4

© TELIF HAKKI KORUNAN ESER ©



1:8

Nordwesthang 8b
(nos. 15-16)



1:12

Büyükkale Vc
(no. 14)



1:8

BK IVd, NWH 8a
a) with oval body
(nos. 17-20)

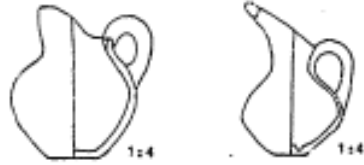


1:8

BK IVd, NWH 8a, UST 4
b) with conical lower body
(nos. 21-32)

Fig. 14 "Storage Pitchers": Büyükkale Vc-IVd, Nordwesthang 8b
Nordwesthang 8b-8a, UST 4

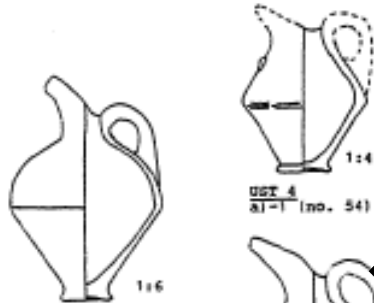
© TELİF HAKKI KORUNAN ESER ©



BK Vc, NWB Sb
a) with globular body
and flat base (nos. 33-34)



Büyükkale
b) with double conical body
and long spout (nos. 35-38)



BK IVd, NWB Sa, UST 4
a) with oval to double
conical body and ring
base (nos. 39-53)



UST 4
a) (no. 54)



BK IVd, UST 4
b) with globular body
and long spout
(nos. 56-57)



BK IVd, NWB Sa, UST 4
c) with sharply carinated
double conical body
(nos. 58-71)



UST 4
a) (no. 55)

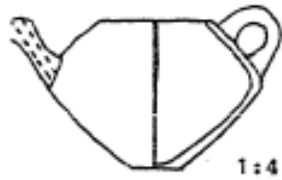


BK IVd, NWB Sa, UST 4
d) with open handle
(nos. 72-77)

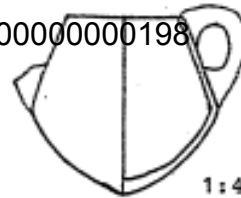


BK IVd, UST 4
e) with sieved spout
(nos. 78-82)

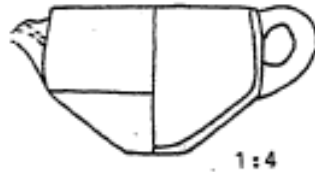
Fig. 15 Beak-spouted Pitchers: Büyükkale Vc-IVd,
Nordwesthang Sb-... Unterstadt 4



BK Vc, NWH 8b
a) with flat base
(nos. 83-91)



Büyükkale Vc
b) with semi-pointed base
(no. 92)



Büyükkale IVd
a) with flat base
(nos. 97-98)



BK IVd, NWH 8a, UST 4
b) with round or semi-pointed
base (nos. 99-124)



BK IVd, NWH 8a
c) with ring base
(nos. 125-126)



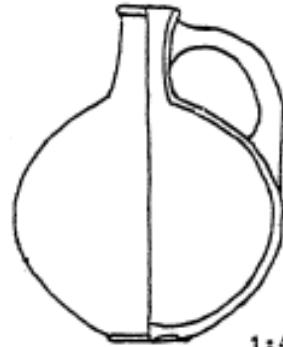
BK IVd, NWH 8a, UST 4
a) with oval or globular
body (nos. 128-149)



NWH 8a, UST 4
b) with double conic
body (nos. 150-152)

Fig. 16 Pitchers with Tubular Spouts: Büyükkale Vc-IVd, Nordwesthang 8b-9a, Osterfeld 1

©TELİF HAKKI KORUNAN ESER©



1:4

NWH 8a, UST 4
a) with globular body
(nos. 153-161)



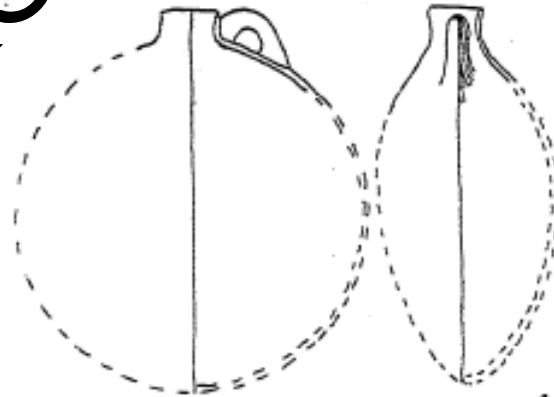
1:4

Untersstadt 4
a) with oval body
(no. 162)



1:10

BK IVd, UST 4
c) large version with
oval body (nos. 163-164)



1:4

NWH 8a, UST 4
Flask (nos. 167-168)

Fig. 17 Jugs and Flasks: Büyükkale IVd, Nordwesthang 8a,

©TELİF HAKKI KORUNAN ESER©



1:4

Nordwesthang 8b
with shallow double conical
body (no. 169)



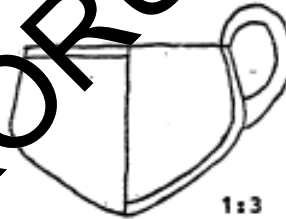
1:3

BK Vc, NWH 8b
b) with double conical
body (nos. 170-172)



1:3

terstadt 4
with cylindrical body
(no. 176)

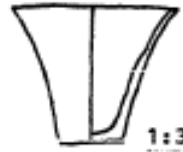


1:3

NWH 8a, UST 4
a) with double conical body
(nos. 173-175)

Fig. 18 Cups: Büyükkale Vc-IVd, Nordwesthang 8b-8a,

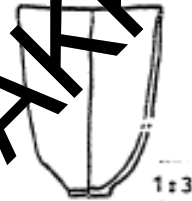
© TELİF HAKKI KORUNAN ESER ©



Büyükkale Vc
a) handleless
(nos. 177-178)



Büyükkale Vc
b) with handles
(nos. 179-181)



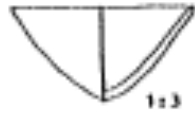
Unterstadt 4
"Habur Ware"
(no. 13)



Büyükkale IVd
(nos. 182-185)

Fig. 19 Beakers: Büyükkale Vc-IVd, Unterstadt 4

© TELİF HAKKI KORUMAN ESERİ ©



BK Vc, NHI Bb
a) handleless
(nos. 187-191)



Büyükkale Vc
a) handleless
(nos. 192-193)



BK Vc, NHI Bb
a) handleless
(nos. 194-195)



BK Vc, NHI Bb
a) handleless
(nos. 199-201)



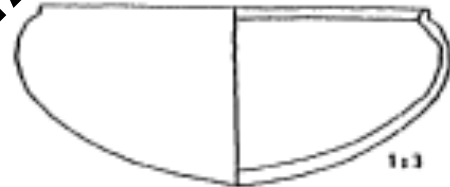
BK Vc, NHI Bb
a) handleless
(nos. 206-210)



BK Vc, NHI Bb
a) handleless
(nos. 211-215)



Bordwesthang Bb
a) handleless
(nos. 216)



BK Vc, NHI Bb
a) handleless
(nos. 221-229)



Bordwesthang Bb
b) with plastic knob
or ledge (nos. 230-232)



Bordwesthang Bb
c) with 1 vertical
handle (nos. 235-237)



BK Vc, NHI Bb
d) with 2 horizontal
handles (nos. 237-243)

Fig. 20 Bowls: Büyükkale Vc, Bordwesthang Bb

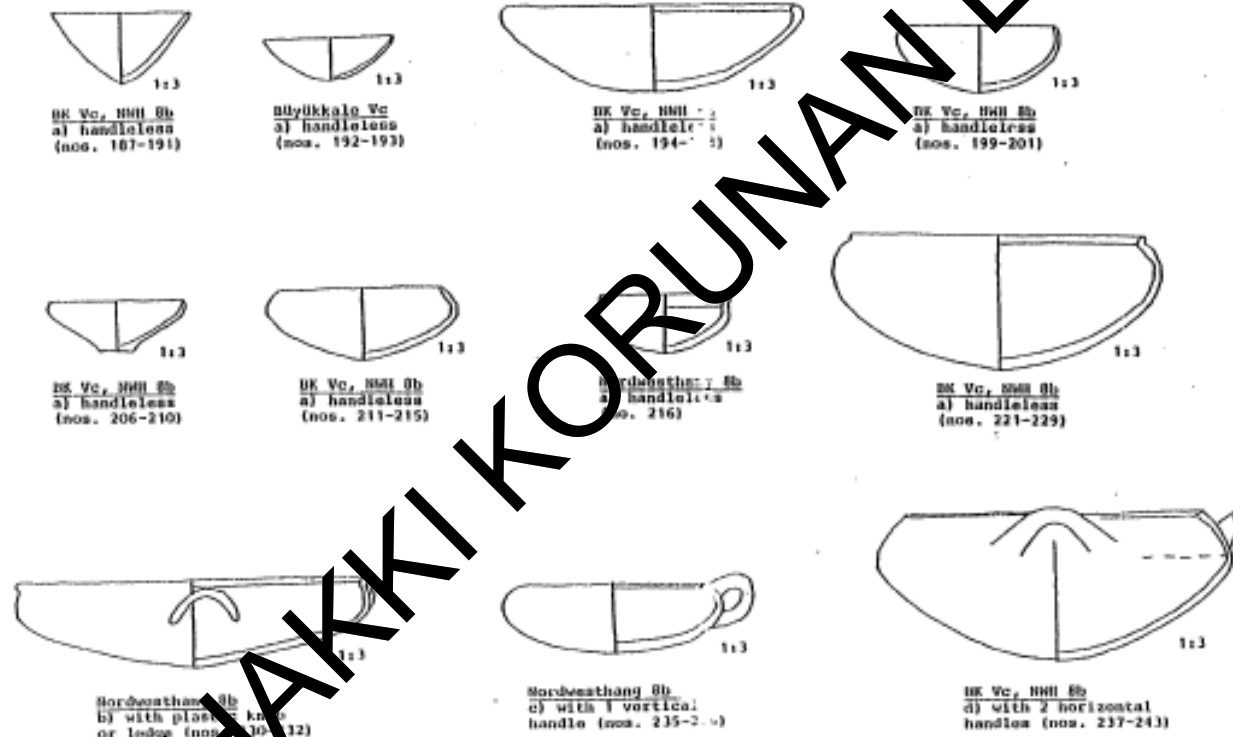
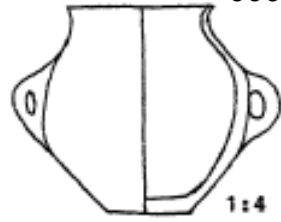
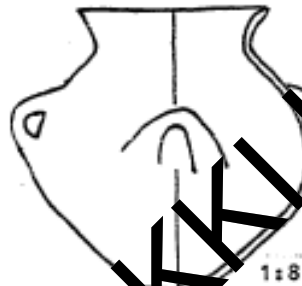


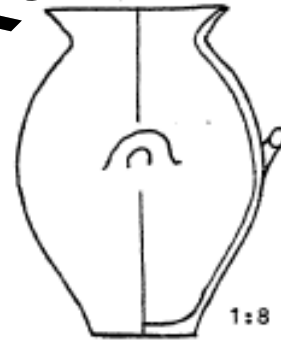
Fig. 20 Bowls: Bhykkalo Vc, Bhykkalo Vc, Bhykkalo Vc



Büyükkale Vc
 a) with two vertical handles (nos. 321-322)



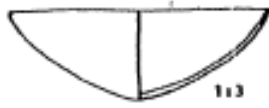
Nordwesthang 8b
 (nos. 334-338)



BK Vc, NWH 8b
 b) with everted rim and two horizontal handles (nos. 323-333)

Fig. 22a Pots: Büyükkale Vc, Nordwesthang 8b

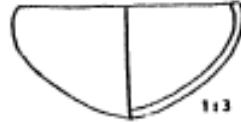
© TELİF HAKKI KORUNAN ESER ©



HK IVd, NMH 8a, UST 4
a) handleless
(nos. 244-250)



Unterstadt 4
a) handleless
(nos. 254-255)



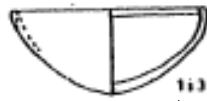
HK IVd, NMH 8a, UST 4
a) handleless
(nos. 256-291)



Unterstadt 4
a) handleless
(nos. 292-296)



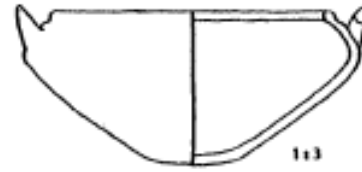
Unterstadt 4
a) handleless
(nos. 297-299)



Hordvesthang 8a
b) with spot
(nos. 300-301)



HK IVd, UST 4
d) with 1 vertical
handle (nos. 303-305)



HK IVd, NMH 8a, UST 4
e) with 2 horizontal
handles (nos. 306-320)

Fig. 21. Bowls: Büyükkale IVd, Hordvesthang 8a, Unterstadt 4

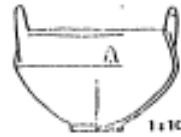




Unterstadt 4
a)-1 (nos. 339)



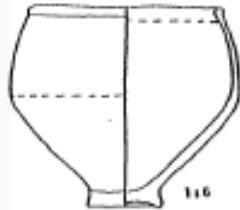
DK IVd, NHI Ba
c)-1 (nos. 348-350)



DK IVd, NHI Ba
c)-4 (nos. 356-360)



DK IVd, NHI Ba
c)-7 (nos. 368-377)



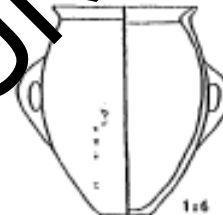
Nordosthang Ba
a)-2 (nos. 340-342)



Unterstadt 4
c)-2 (nos. 351-353)



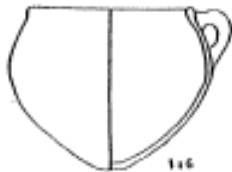
DK IVd, NHI Ba, UST 4
c)-3 (nos. 351-355)



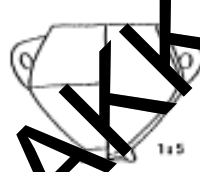
DK IVd, NHI Ba, UST 4
c)-8 (nos. 378-390)



NHI Ba, UST 4
c)-9 (nos. 391-393)



DK IVd, NHI Ba
c)-5 with one vertical
handle (nos. 343-344)

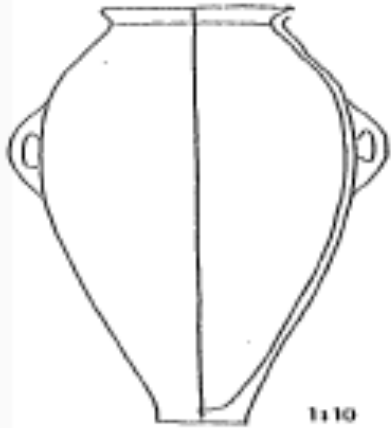


Nordosthang Ba
c)-4 (nos. 354-355)



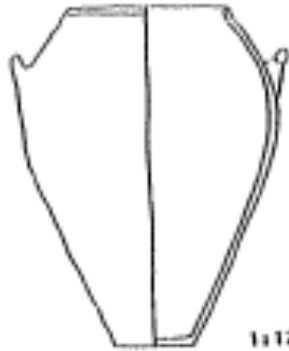
DK IVd, NHI Ba
c)-6 (nos. 366-367)

Fig. 22b Pots: Büyükkale IVD, Nordosthang Ba, Unterstadt 4



1:10

Büyükkale Vc
a) with everted rim
(nos. 394-396)



1:12

Hordeosthang 9b
b) with wide mouth, thickened
rim (nos. 397-402)



1:10

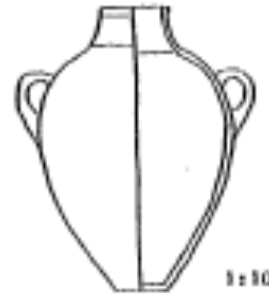
Fig. 23 Pithoi: Büyükkale 30-IVII,
Hordeosthang 8b-8a, Untertad 4

8a IVd, 8a, 8a, 8a, 8a
a) with wide mouth and
oval body (nos. 410-414)



1:20

Hordeosthang 9a
b) with oval to globular
body (nos. 416-423)



1:10

Untertadt 4
c) small pithos with narrow
collared neck (no. 424)

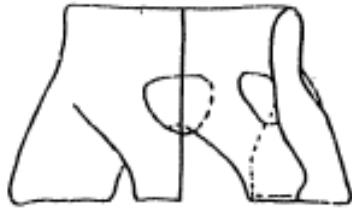


1:5

BK IVd, NWH 8a, UST 4
Vessel Covers (nos. 426-428)

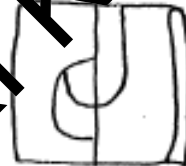


Nordwesthang 8b
Vessel Covers (nos. 429)



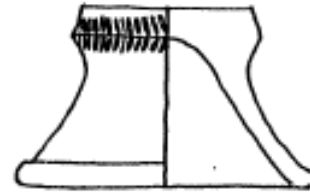
1:4

Nordwesthang 8b or 8a
Vessel Stand (nos. 430-431)



1:5

BK IVd, NWH 8a
Vessel Stand (nos. 432-434)



1:3

NWH 8a, UST 4
Vessel Foot (nos. 434-436)

Fig. 24 Vessel Covers and Stands: Büyükkale IVD,
Nordweshang 8b-8a, Unterstadt 4

203

© TELİF HAKKI KORUNAN ESER ©



437) Lion Vessel
Nordwesthang 8a



440) Vessel Stand
Büyükkale IVd



438) Shoe Vessel
Unterstadt 4



446) Shell or Grapes Vessel
Büyükkale IVd

Fig. 25 Rhyta: Büyükkale IVd, Nordwesthang 8a,
Unterstadt 4

©TELİF HAKKI KORUNAN ESER©



2) Cylinder Seal:
Late Old Assyrian



3) Cylinder Seal Impression:
Old Babylonian



4) Cylinder Seal Impression:
Old Babylonian



7) Cylinder Seal Impression:
Old Babylonian



8) Cylinder Seal Impression:
Syrian



9) Cylinder Seal: Syrian



10) Cylinder Seal: Syrian

Fig. 26 Cylinder Seals and Impressions:
Unterstadt 4, Nordwesthang 8a

© TELİF HAKKI KORUNAN ESER ©



13) "Old Hittite" stamp seal with geometric/astral design



11) Stamp seal: "Anatolian" with geometric design

14) "Old Hittite" stamp seal with geometric/astral design

19) "Old Hittite" stamp seal eagle and continuous band



30) "Old Hittite" stamp seal impression: Four-legged animal with branch?



21) "Old Hittite" stamp seal double-headed eagle and guilloche

Fig. 27 Stamp Seals: Büyükkale IVd, Unterstadt 4

©TELİF HAKKI KORUNAN ESER©



39) Body fragment with circular impression of "signe royal"



40) Handle fragment with circular impression of continuous band



43) Knob handle fragment with impression of four-legged animals



42) Handle fragment with impression of lion and human

Fig. 28 Stamped vessels: Büyükkale IVd, Nordwesthang 8a, Unterstadt 4

© TELİF HAKKI KORUNAN ESER ©



53) Eagle and round object



56) Goat (?)



64) Bull (?), crescent and star



63) Recumbent animal



66) Bird



69) Bull with large eye



70) Lion and goat



80) Two human figures

Fig. 29 Sealings from Büyükkale Building 1/IVd

© TELİF HAKKI KORUNAN ESER ©



Fig. 30 Plan of Boğazköy: Building Remains in Büyükkale Vc and Nordwesthang 3b



© TELİF HAKKI KORUNAN ESER ©

	Alisar III Ware (nos. 1-2) "Storage Pitchers" (no. 4) (nos. 18-16)	Neck-spouted Pitchers a) (nos. 32-38) b) (nos. 35-38)	"Pans" (nos. 83-91) a) (no. 92) c) (nos. 93-98)	Cups a) (no. 169) b) (nos. 170-172)	Beakers a) (nos. 177-178) b) (nos. 179-181)	Bowls (nos. 187-191) (nos. 192-193) (nos. 194-198) (nos. 199-201) (nos. 202-205) (nos. 206-210) (nos. 211-215) (nos. 216)	(nos. 217-220) (nos. 221-229) (nos. 230-232) (nos. 233-237) (nos. 238-241) (nos. 242-243)	Pots a) (nos. 321-322) b) (nos. 323-324) c) (nos. 325-328) d) (nos. 329-332) e) (nos. 333-338) f) (nos. 339-342) g) (nos. 343-348)	Footed Vessels (no. 429) Stands (nos. 430-431)
Nordwesthang 9	+								
8d-8c	+	+	+	+					
Büyükkale Vf-Vd	+								
Unterstadt 5	+								
Nordwesthang 8b	+	+	+	+	+	+	+	+	+
Büyükkale Vc		+	+	+	+	+	+	+	+
Büyükkale IVd									
Nordwesthang 8a						++		++	+
Unterstadt 4									?

Fig. 32 Table Comparing Occurrences of Catalogued Pottery Shapes in Büyükkale Vc and Nordwesthang 8b

© TELİF HAKKI KORUNAN ESER ©

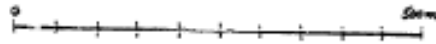


Fig. 13 Plan of Boğazköy's Building Remains in Büyükkale IVD, Nordwesthang 3a, Unterstadt 4

