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Karen Elizabeth Waugh

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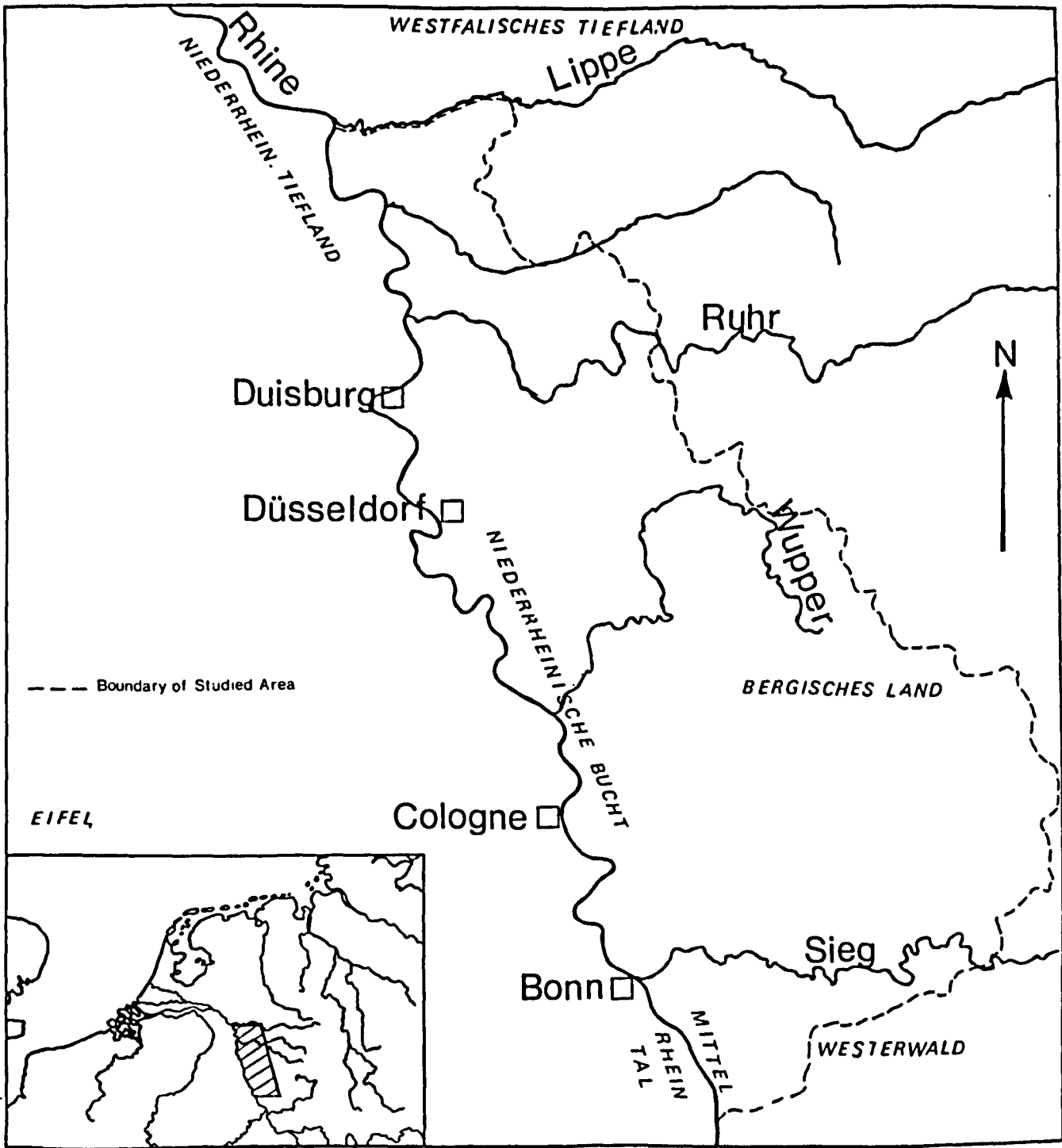
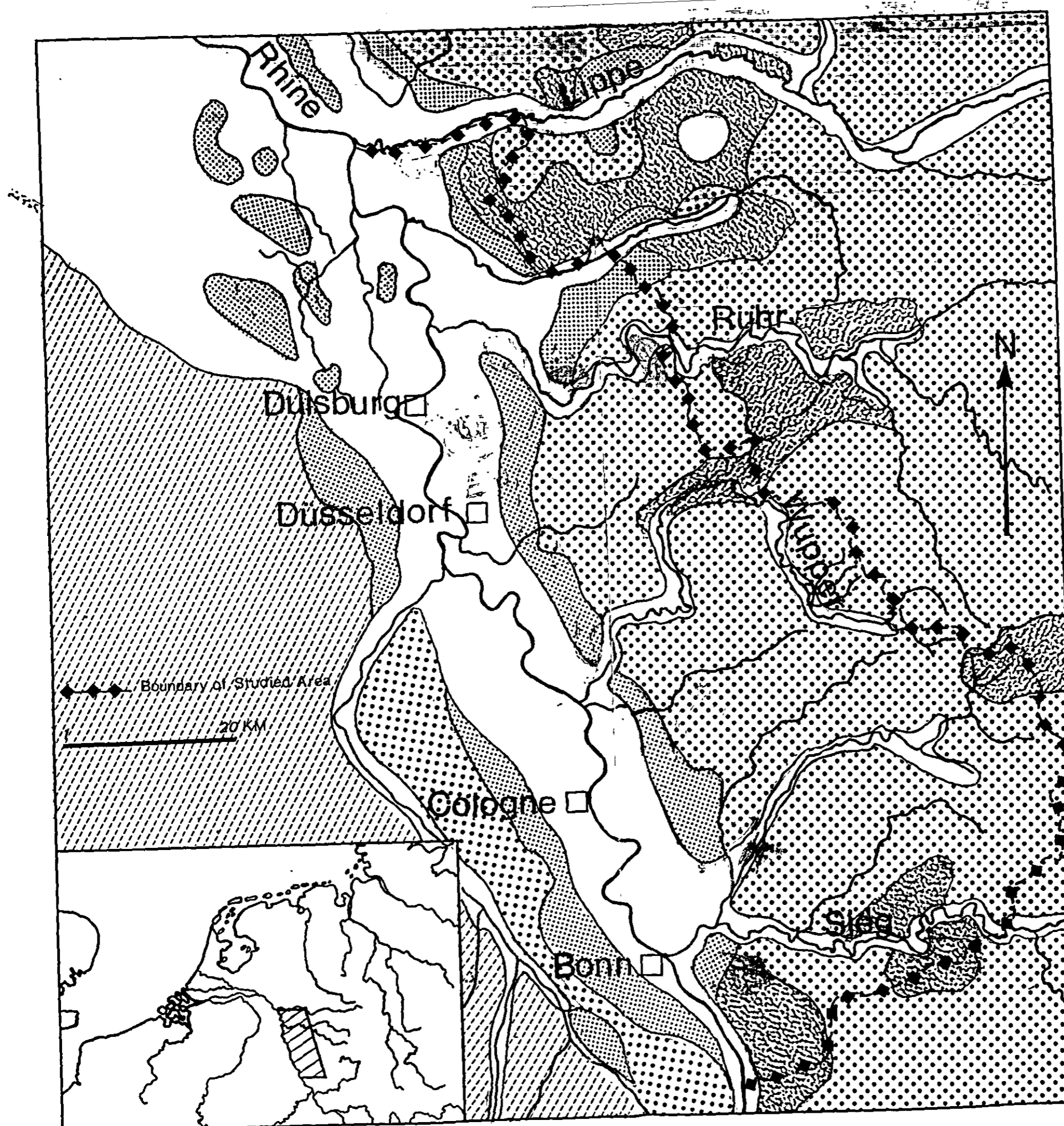


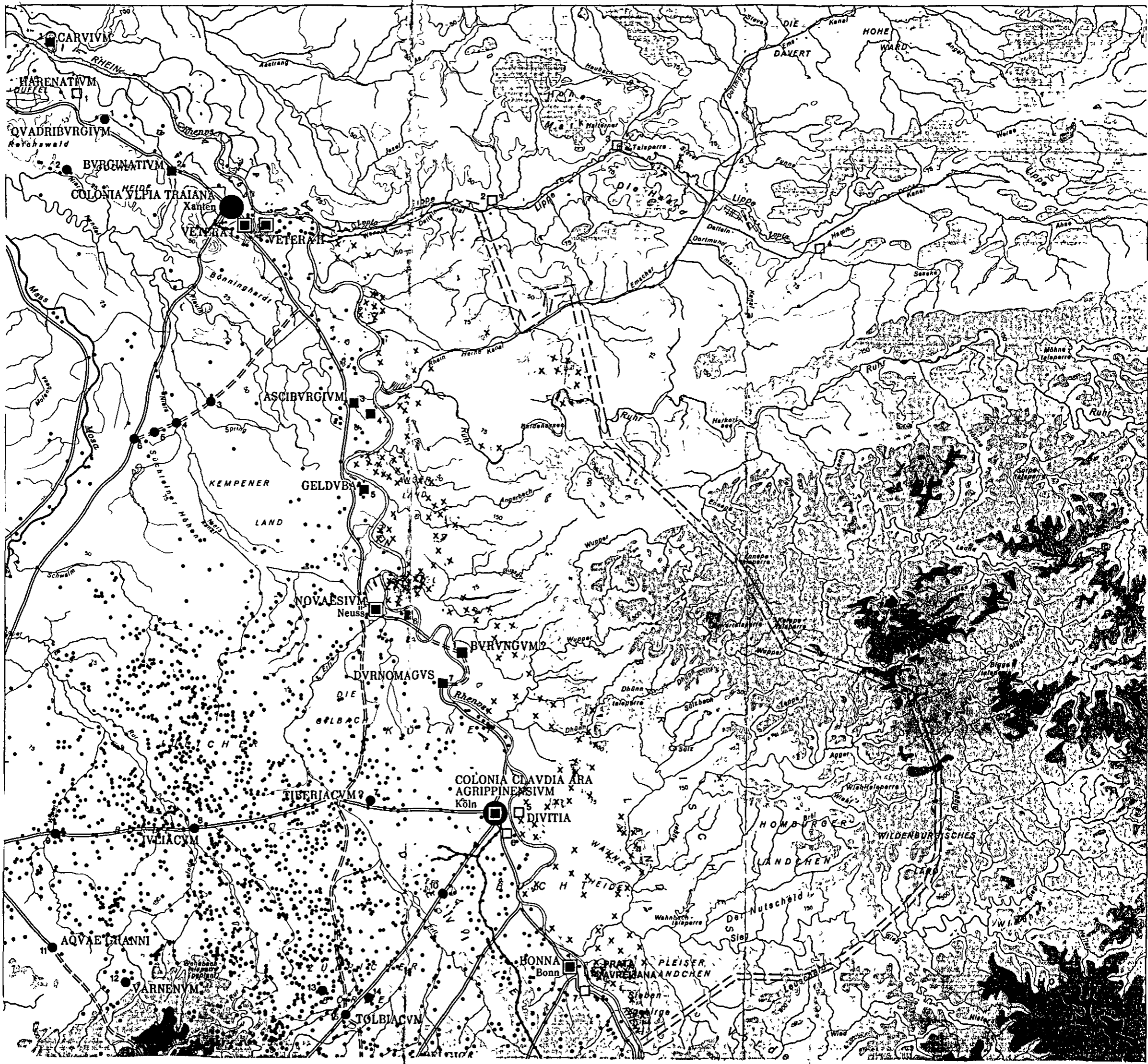
Table 1.1 The Study Area



- River Valleys: levees and basin clays
- Middle Terraces: mainly loess and coversands
- Flatlands: mainly loess and Pleistocene sand
- Hilly (eroded mountainous zone): mainly poor sandy soils
- Mountainous Outcrops: natural stone near or at the surface

Figure 2.1 The Study Area. Main Geological and Morphological Elements

Figure 2.2 The Study Area. Distribution of the Sites and Findspots
The dots on the right hand side of the Rhine indicate settlements
within the province (first-fifth century AD)



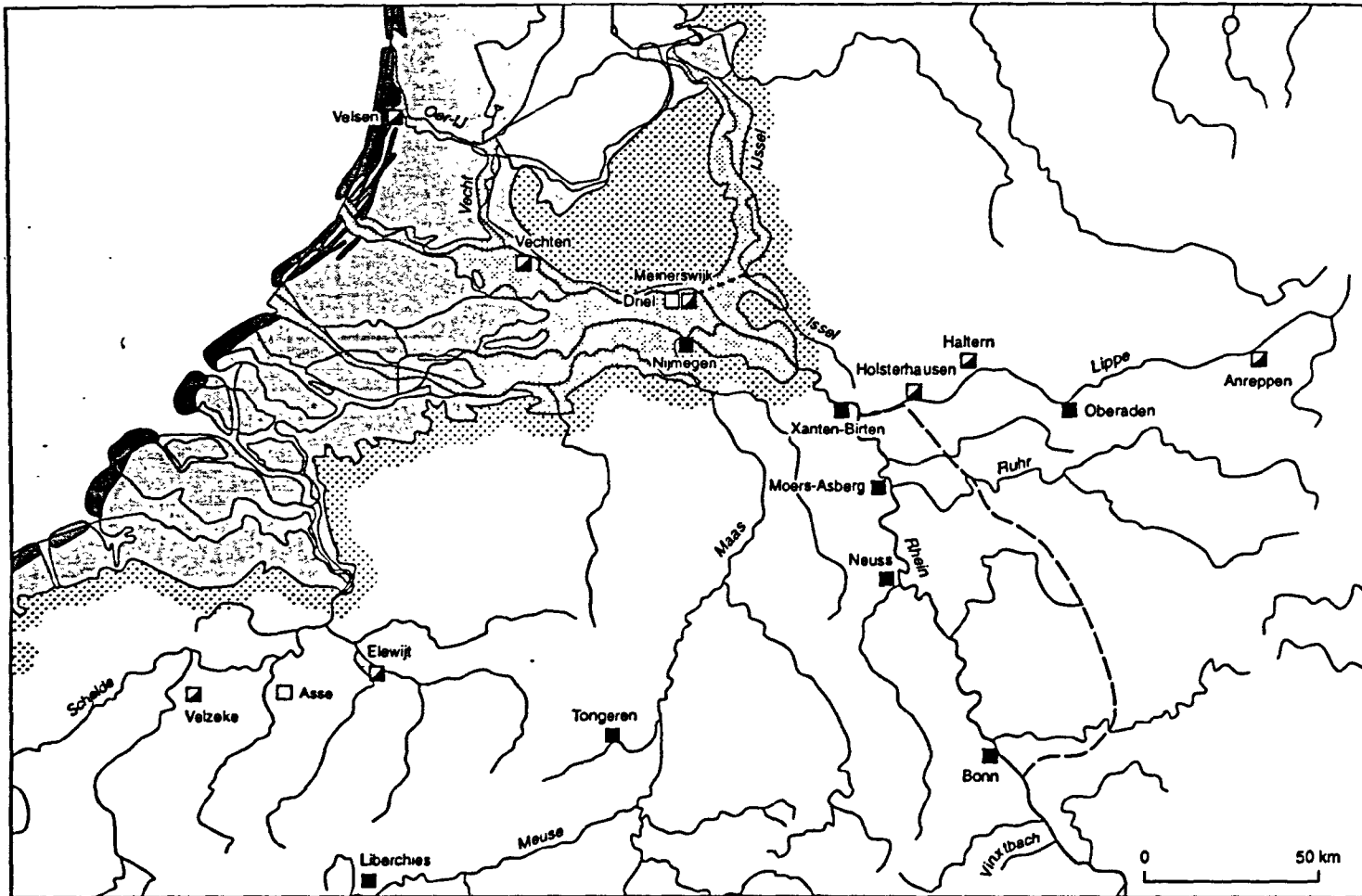










Figure 3.2 Roman Military Installations on the Lower Rhine. The Early Roman Period (After Bechert and Willems 1995, Abb. 17)

- | | |
|--|--|
|  Coastal Dunes |  Military Installations under Drusus |
|  Maritime Clay and Peat |  Military Installations beg. 1stC AD |
|  River Clay |  Possible Military Installations |
|  Pleistocene Sediment |  Fossa Drusiana |

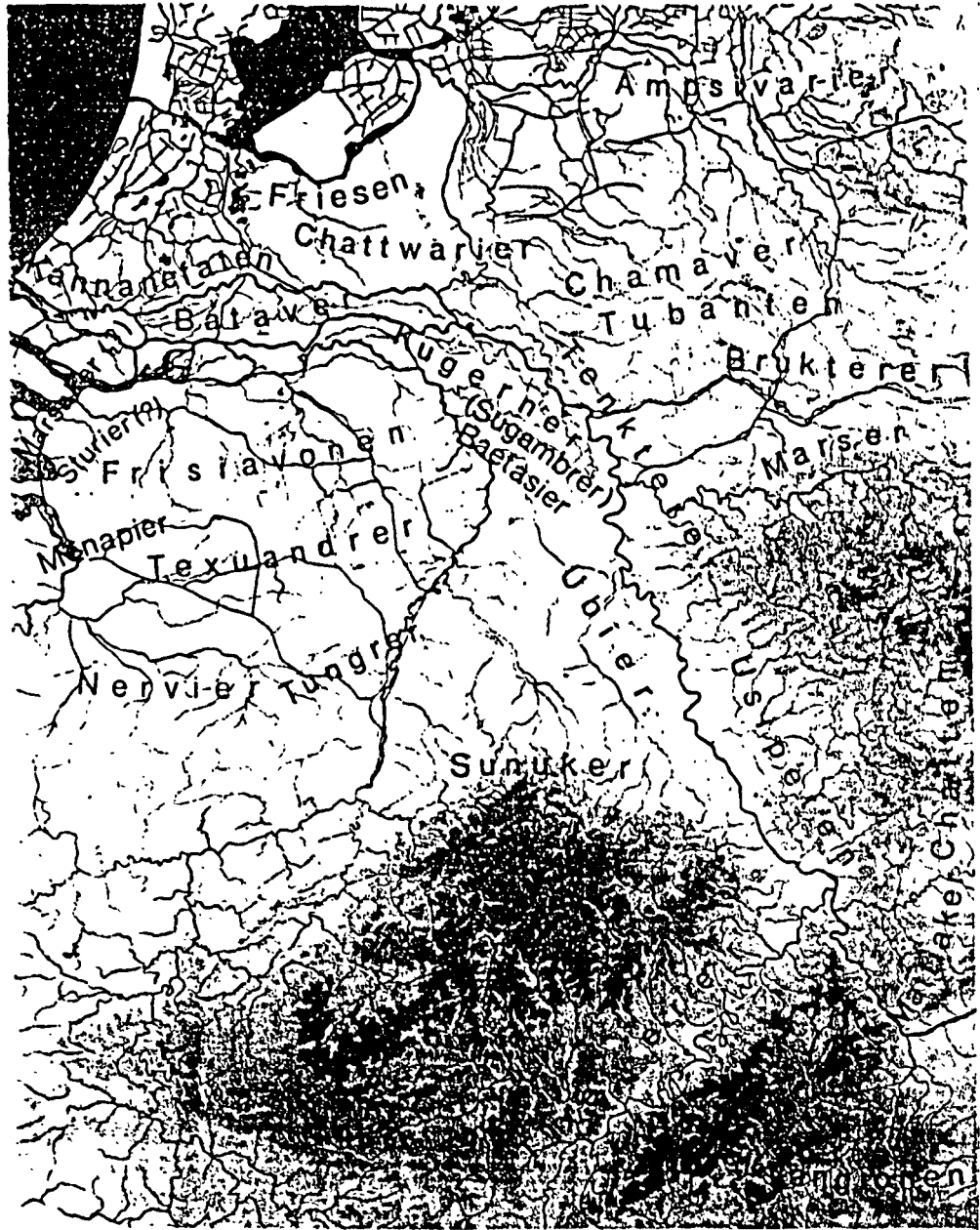


Figure 3.3 The Territories of the Major Germanic Peoples from the First Century AD (After Horn 1987, Abb.22)

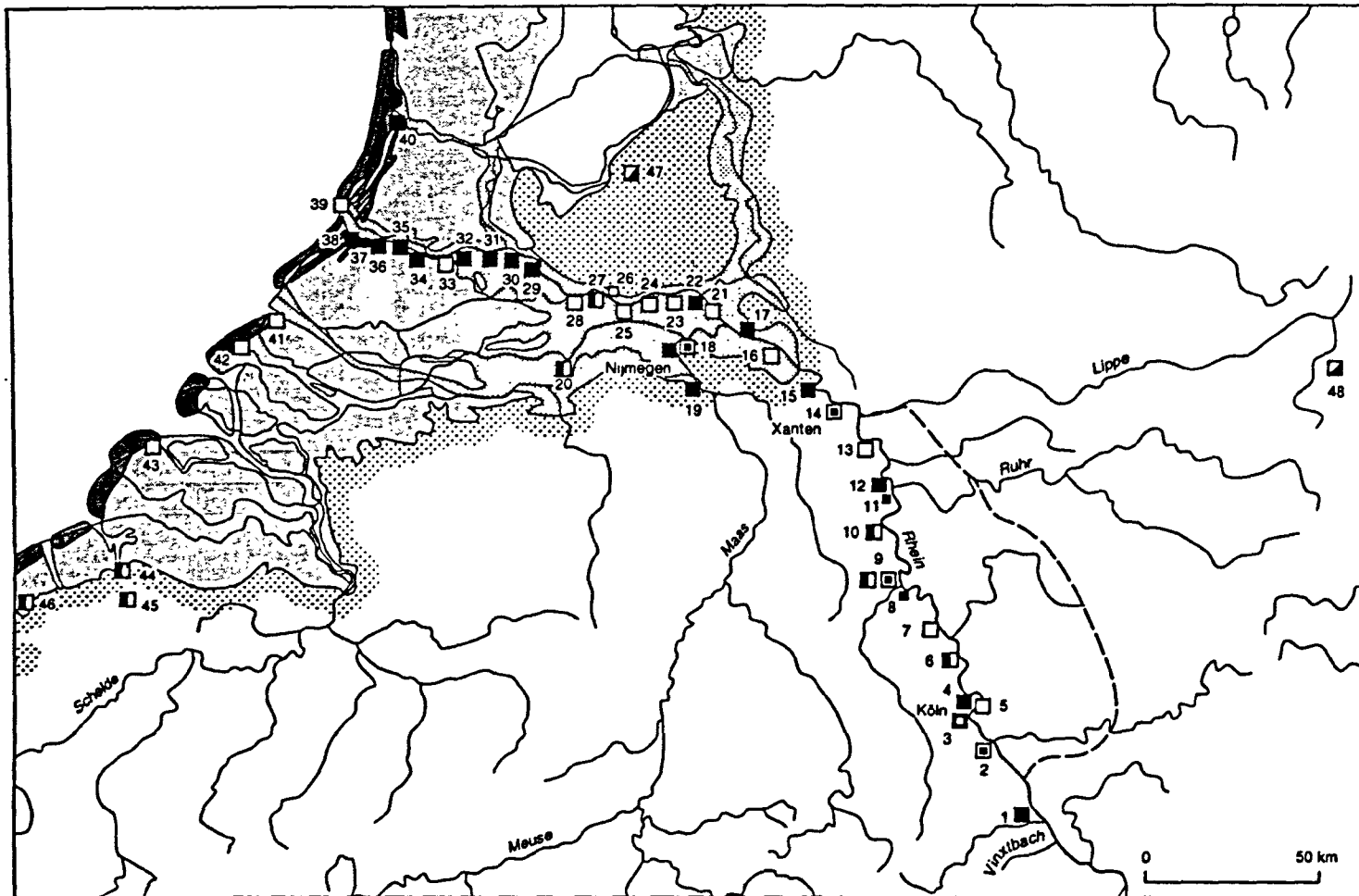


Figure 3.4 Roman Military Installations on the Lower Rhine. The Middle Roman Period (After Bechert and Willems 1995, Abb. 2)

- | | | |
|------------------------|----------------------------|--------------------------|
| Coastal Dunes | Legionary Fort pre AD 69 | Fortlet, Watch Tower (?) |
| Maritime Clay and Peat | Legionary Fort | Marching Camp |
| River Clay | Auxiliary Fort (?) | |
| Pleistocene Sediment | Auxiliary Fort after AD 69 | |

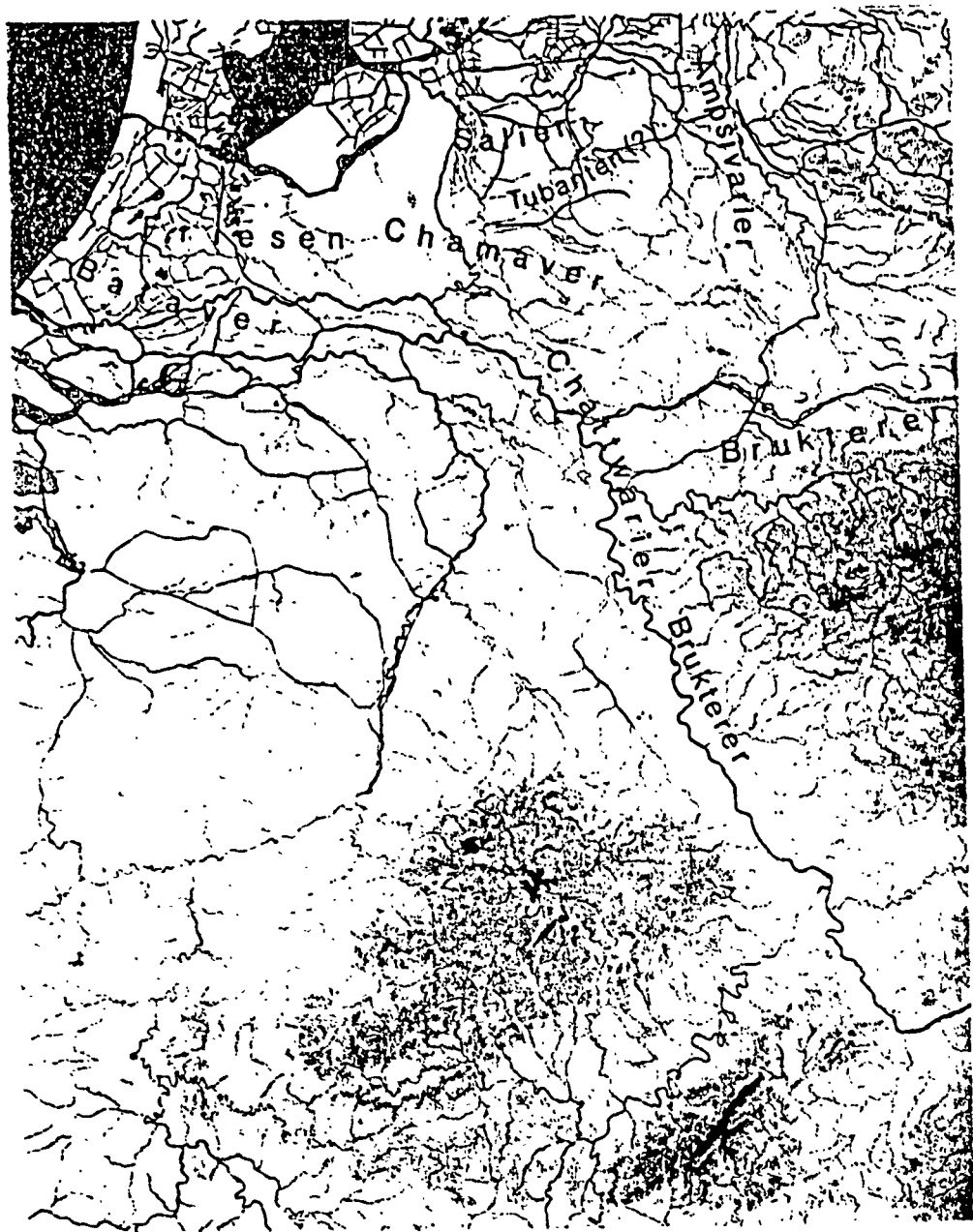


Figure 3.5 The Territories of the Major Germanic Peoples in the Fourth and Fifth Centuries AD (After Horn 1987, Abb. 51)

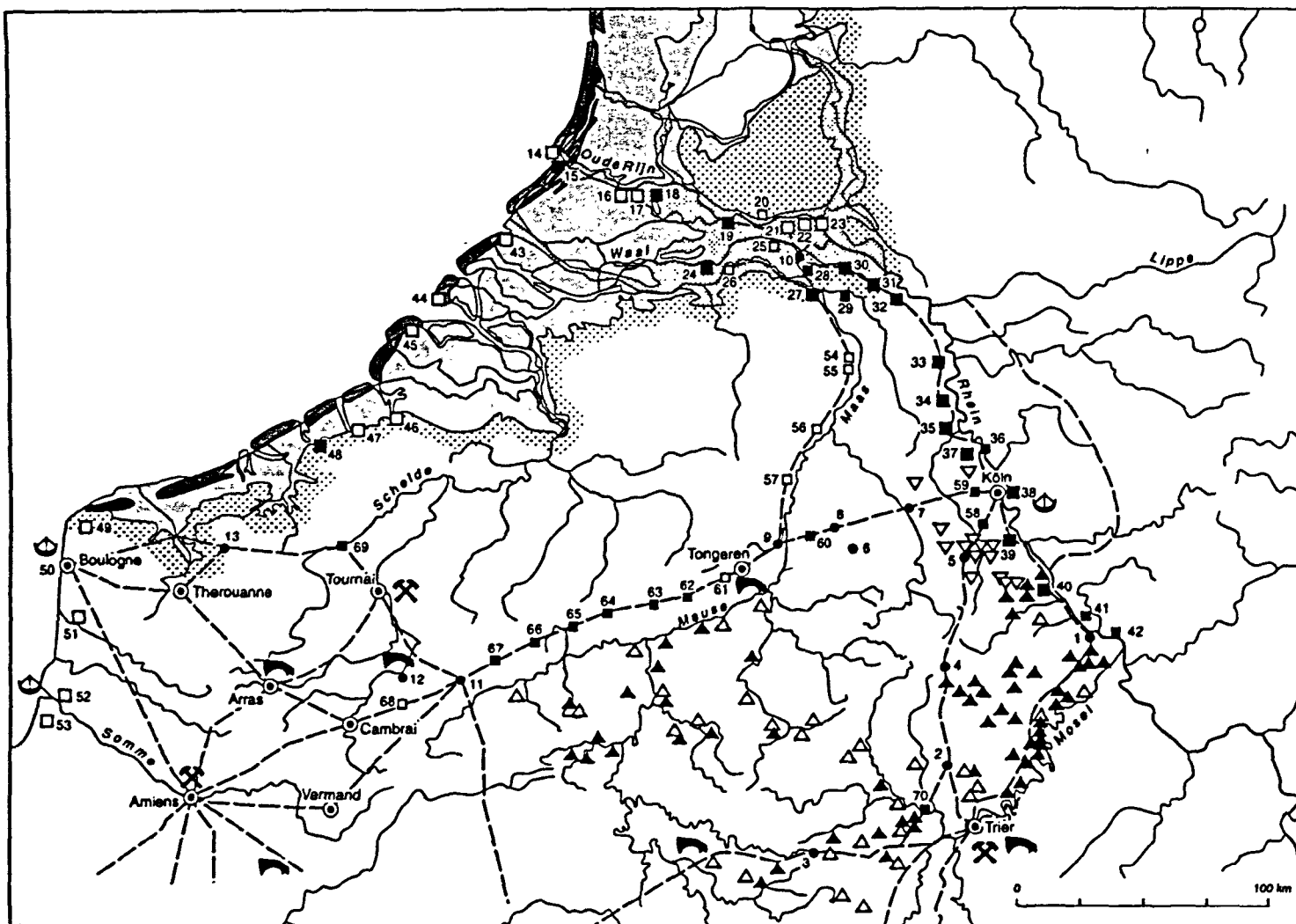


Figure 3.6 Roman Military Installations on the Lower Rhine. The Late Roman Period (After Hessing 1995, 101)

31 Kalkar-Altalkar (*Burginatum*); 32 Xanten (*Tricesimae*); 33 Moers-Asberg (*Asciburgium*); 34 Krefeld-Gellep (*Gelduba*); 35 Neuss (*Novesium*); 36 Monheim-Haus Bürgel; 37 Dormagen (*Durnomagus*); 38 Deutz (*Divitia*); 39 Bonn (*Bonna*); 40 Remagen (*Rigomagus*).

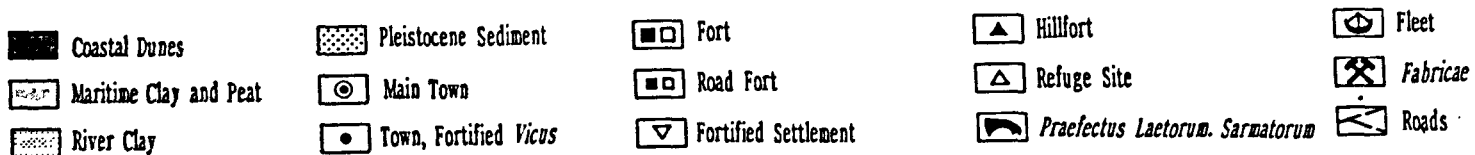
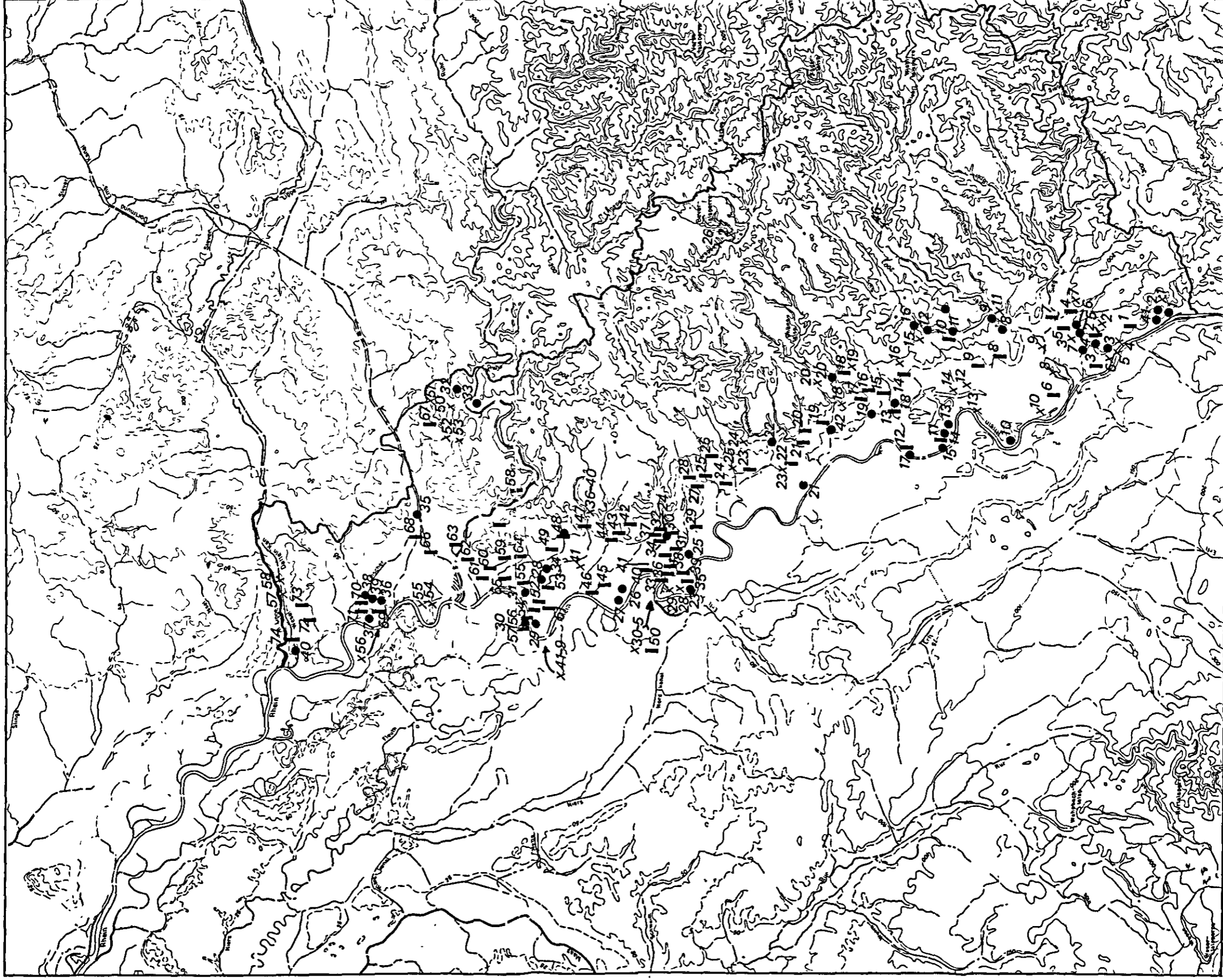


Figure 4.1 The Study Area. Distribution of Burials, Settlements, Stray, and Isolated Finds

I Burial Site ● Settlement Site x Stray, Isolated Findspot



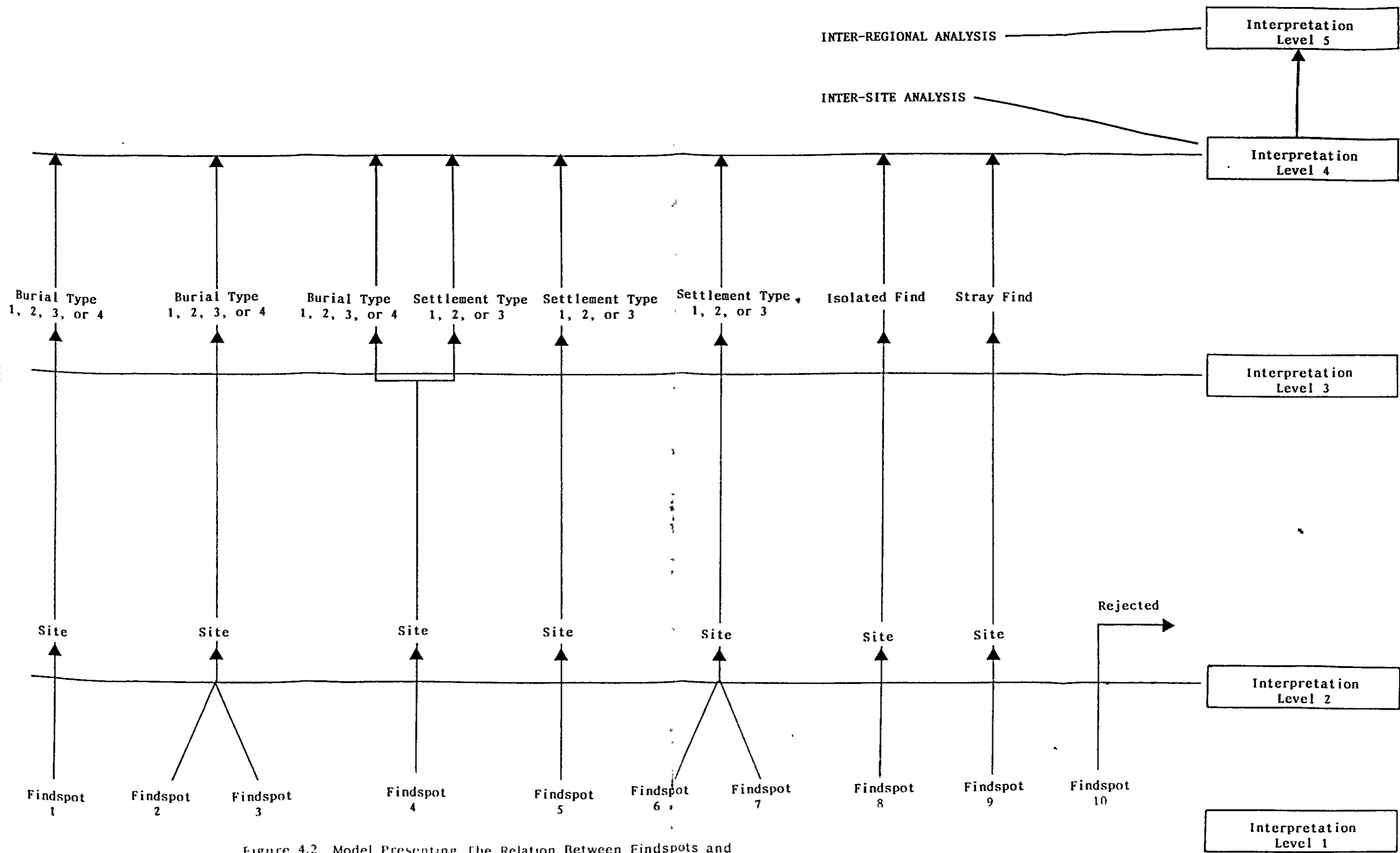


Figure 4.2 Model Presenting The Relation Between Findspots and Sites (Based on Willems 1986, Fig.5)

SITE TYPE	DESCRIPTION	NO.
BT 1	Single burial	c.24
BT 2	Cemetery with <=c.5 burials	c.40
BT 3	Cemetery with >5, but <= c.25 burials	7
BT 4	Cemetery with >25 burials	3
ST 1	Native settlement	32
ST 2	Roman military settlement	2
ST 3	Roman industrial and infrastruc- tural elements	3
IF	Intentionally isolated finds	9
SF	Accidental losses or stray material	44

Table 4.1 Definition of Site or Findspot Types (BT: Burial Type, ST: Settlement Type, IF: Isolated Find, SF: Stray Find). The total numbers of sites given for BT 1 and 2 are only approximate since they include sites which may originally have belonged to a larger cemetery.

NUMBER	NAME	SITE TYPE	CF	D
A1	Oberdollendorf	BT1	B	2
A2	Beuel-Niederholtdorf	BT2	B	2
A3	Beuel-Limperich	BT2	C	5
A4	Niederpleis-Schmerbroich	BT2	B	1+2
A5	St.Augustin-Hangelar	BT2	C	2+3
A6	Mondorf	BT2	C	2
A7	Niederpleis	BT3	A	1+2
A8	Troisdorf-Sieglar	BT4	A	1
A9	Wahn	BT3	A	1+2
A10	Rösrath-Hasbach	BT3	A	1+2
A11	Poll	BT2	A	1+3
A12	Köln-Deutz	BT3	C	2
A13	Merheim	BT2	B	2
A14	Bensberg	BT2	B	1+2+3
A15	Köln-Dellbrück	BT2	C	1+2?
A16	Thielenbruch	BT1	B	2
A17	Paffrath	BT1	C	2
A18	Bergisch Gladbach	BT3	A	1+2
A19	Leverkusen-Schlebusch	BT2	B	2
A20	Leverkusen-Schlebusch	BT2	B	2
A21	Leverkusen-Schlebusch	BT1	B	2
A22	Leverkusen-Rheindorf	BT4	A	1+2+3
A23	Langenfeld-Immigrath	BT2	B	5
A24	Langenfeld-Richrath	BT4	C	1
A25	Hilden	BT2	C	2

Table 4.2 Typology of Burial Sites (Contd.)

NUMBER	NAME	SITE TYPE	CF	D
A26	Solingen-Ohligs	BT1	B	5
A27	Hilden	BT1	B	2
A28	Hilden	BT1	B	2
A29	Düsseldorf-Reisholz	BT1	A	1
A30	Düsseldorf-Eller	BT2	C	2?
A31	Düsseldorf-Leersenhof	BT2	C	2?
A32	Düsseldorf-Klein Eller	BT2	B	2
A33	Düsseldorf-Bilk	BT2/3	C	2
A34	Düsseldorf-Lierenfeld	BT3	C	2
A35	Düsseldorf-Oberbilk	BT2	B	1
A36	Düsseldorf-Oberbilk	BT2	B	2
A37	Düsseldorf-Lierenfeld	BT1	B	5
A38	Düsseldorf	BT2	B	5
A39	Düsseldorf-Oberbilk	BT2/3	C	5
A40	Düsseldorf	BT2/3	C	5
A41	Düsseldorf	BT2/3	C	5
A42	Düsseldorf-Gerresheim	BT1	B	2
A43	Düsseldorf	BT2/3	C	5
A44	Düsseldorf-Rath	BT1	A	2
A45	Düsseldorf-Lohausen	BT2/3	C	5
A46	Düsseldorf-Lohausen	BT1	B	2
A47	Ratingen	BT2/3	C	5
A48	Ratingen-Lintorf	BT2/3	C	5
A49	Ratingen-Lintorf	BT1	C	5
A50	Düsseldorf	BT1	C	

Table 4.2 Typology of Burial Sites (Contd.)

NUMBER	NAME	SITE TYPE	CF	D
A51	Duisburg-Serm	BT2	B	2
A52	Duisburg-Serm	BT1	B	5
A53	Duisburg	BT1	B	2
A54	Duisburg-Serm	BT1	B	2
A55	Duisburg-Huckingen	BT2/3	C	2
A56	Duisburg-Ehingen	BT3	A	1+2
A57	Duisburg-Ehingen	BT2	C	2
A58	Essen-Kettwig	BT1	B	2
A59	Duisburg-Wedau	BT1	B	1
A60	Duisburg	BT1	C	2
A61	Duisburg-Dellviertel	BT1	B	5
A62	Duisburg-Hamborn	BT2	B	5
A63	Mülheim a.d. Ruhr	BT1	B	2
A64	Duisburg-Duissern	BT2	B	1
A65	Duisburg-Hamborn	BT2	B	5
A66	Duisburg-Obermeiderich	BT2	B	2
A67	Essen-Stoppenberg	BT2/3	C	5
A68	Oberhausen	BT2	B	2
A69	Walsum	BT1	B	2
A70	Dinslaken	BT2/3	C	5
A71	Walsum	BT2	B	2+3
A72	Bucholtswelmen-Spellen	BT2	B	2
A73	Bucholtswelmen-Spellen	-	-	5
A74	Voerde	BT2	B	2

Table 4.2 Typology of Burial Sites

NUMBER	NAME	SITE TYPE	C	D
B1	Königswinter	ST3	A	4
B2	Königswinter	ST3	A	3?
B3	Beuel-Schwarzrheindorf	ST3	A	1+2
B4	Beuel-Geislar	ST2	A	1+4
B5	Hangelar	ST1	B	2
B6	Hangelar	ST1	B	2
B7	Beuel-Geislar	ST1	B	2
B8	Sieglar	ST1	A	1
B9	Sieglar	ST1	B	2
B10	Lülsdorf	ST1	A	1+3
B11	Rösrath-Hasbach	ST1	B	2
B12	Rösrath	ST1	B	2
B13	Porz	ST1	A	3
B14	Porz-Westhoven	ST1	A	1
B15	Poll	ST1	A	3
B16	Rösrath	ST1	C	2
B17	Köln-Deutz	ST2	A	1
B18	Merheim	ST1	A	3
B19	Holweide	ST1	C	3
B20	Bergisch Gladbach	ST1	B	2
B21	Leverkusen-Hitdorf	ST1	C	3
B22	Leichlingen	ST1	C	3
B23	Düsseldorf-Volmerswerth	ST1	C	2
B24	Düsseldorf-Lierenfeld	ST1	C	2
B25	Düsseldorf	ST1/2	C	2
B26	Düsseldorf-Stockum	ST1	A	1+2+3
B27	Düsseldorf-Stockum	ST1	B	3

Table 4.3 Typology of Settlement Sites (Contd.)

NUMBER	NAME	SITE TYPE	CF	D
B28	Duisburg-Huckingen	ST1	C	3
B29	Duisburg Ehinger Berg	ST1	A	1+3
B30	Duisburg-Ehingen	ST1	B	2
B31	Duisburg-Huckingen	ST1	B	2
B32	Essen-Brugalfendorf			
B33	Essen-Überruhr-Hinsef	ST1	A	1+2
B34	Duisburg	ST1	B	1
B35	Oberhausen-Osterfeld	ST1	C	2
B36	Walsum-Vierlinden	ST1	C	3
B37	Walsum	ST1	A	1+2
B38	Dinslaken	ST1	B	2
B39	Dinslaken	ST1	B	2
B40	Voerde-Friedrichsfeld	ST1	B	3
B41	Königswinter-Bennerscheid	ST1, 3?	B/ C	1
B42	Leverkusen-Schlebusch	ST1, 3?	B	1

Table 4.3 Typology of Settlement Sites

NUMBER	NAME	SITE TYPE	CF	D
C1	Königswinter	SF	B	1
C2	Beuel	SF	A	5
C3	Beuel	IF	A	2
C4	Beuel- Schwarzrheindorf	SF	A	3
C5	Beuel- Schwarzrheindorf	IF	A	2
C6	Beuel- Schwarzrheindorf	SF	A	3
C7	Niederpleis	SF	B	3
C8	Sieglar- Mülleken	SF	B	3
C9	St.Augustin- Niedermenden	IF	A	2
C10	Rheidt	IF	A	2
C11	Sieglar	SF	B	5
C12	Porz-Wahn	SF	B	2
C13	Zündorf	IF	A	5
C14	Porz-Urbach	SF	B	2
C15	Rösrath	SF	A	5
C16	Bensberg	SF	C	3
C17	Engelskirchen- Vordersteimel	SF	A	2
C18	Paffrath	SF	B	5
C19	Bergisch Gladbach	SF	A	5
C20	Bergisch Gladbach	IF	C	?
C21	Leverkusen- Rheindorf	SF	A	3
C22	Wermelskirchen- Dabringhausen	SF	B	3
C23	Dabringhausen	SF	B	3
C24	Langenfeld	SF	B	3
C25	Langenfeld- Richrath	SF	B	2

Table 4.4 Typology of Stray and Isolated Findspots (Contd.)

NUMBER	NAME	SITE TYPE	CF	D
C26	Hückeswagen	SF	A	2
C27	Hückeswagen	SF	A	2
C28	Düsseldorf- Volmerswerth	SF	A	3
C29	Düsseldorf-Bilk	IF	A	2
C30	Grefrath	SF	A	5
C31	Düsseldorf	SF	A	2
C32	Düsseldorf	SF	B	5
C33	Düsseldorf	SF	A	2
C34	Düsseldorf- Mettmann	SF	B	5
C35	Düsseldorf- Gerresheim	SF	B	3
C36	Ratingen	SF	C	2
C37	Ratingen	SF	C	2
C38	Ratingen	SF	C	2
C39	Ratingen	SF	C	2
C40	Ratingen-Brüggen	SF	C	2
C41	Düsseldorf- Mundelheim	IF	A	2
C42	Duisburg- Huckingen	SF	A	5
C43	Duisburg- Huckingen	SF	A	3
C44	Duisburg- Großenbaum	IF	A	2
C45	Duisburg- Großenbaum	SF	A	5
C46	Duisburg-Wedau	SF	A	2
C47	Duisburg	SF	C	5
C48	Duisburg	SF	A	2
C49	Duisburg	SF	A	2
C50	Essen-Steele	SF	A	2

Table 4.4 Typology of Stray and Isolated Findspots (Contd.)

NUMBER	NAME	SITE TYPE	CF	D
C51	Essen-Leithe	SF	A	2
C52	Essen-Innenstadt	SF	A	2
C53	Essen-Innenstadt	SF	A	2
C54	Duisburg-Beeckerswerth	SF	A	2
C55	Duisburg-Beeckerswerth	SF	A	2
C56	Walsum	SF	A	2
C57	Hünxe-Bruckhausen	SF	A	3
C58	Hünxe-Bucholtswelmen	SF	A	2

Table 4.4 Typology of Stray and Isolated Findspots

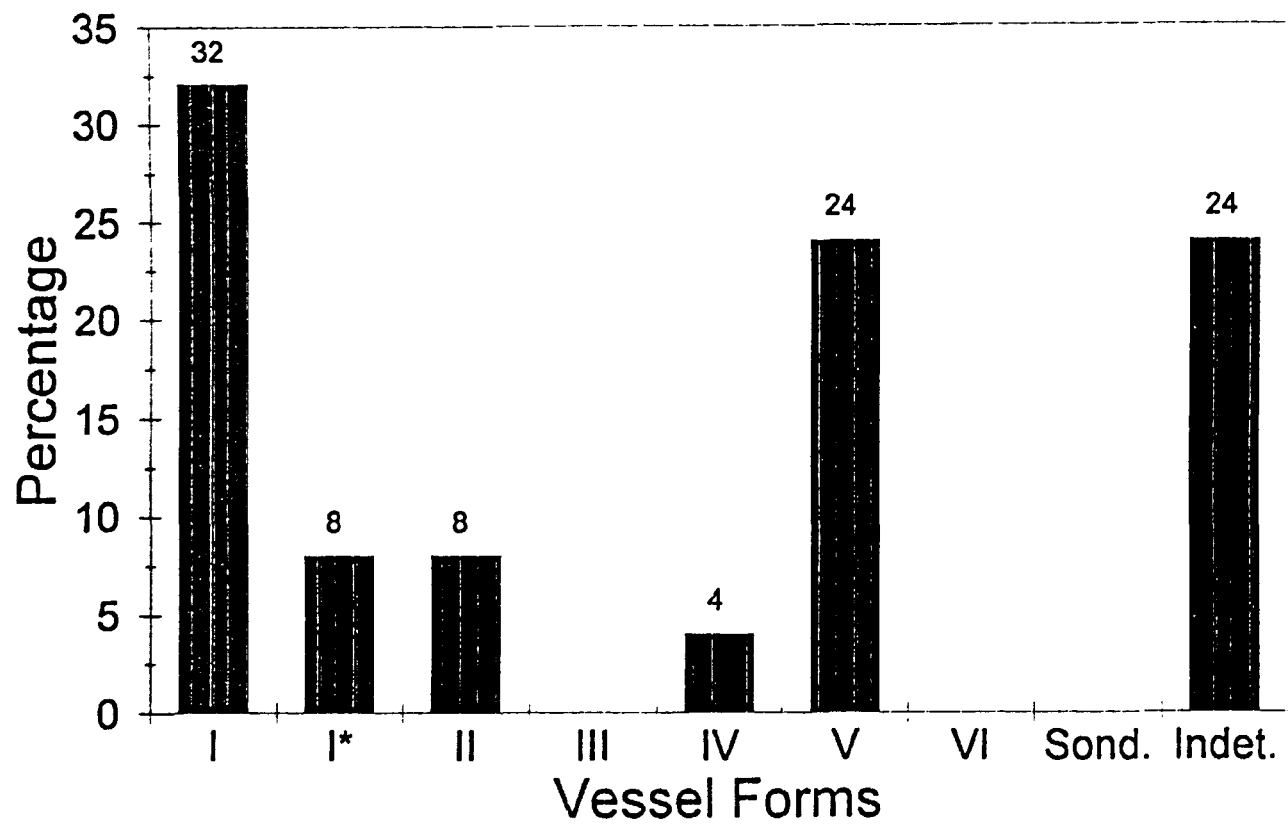
A	Site <i>certainly</i> belongs to this Site Type
B	Site <i>probably</i> belongs to this Site Type
C	Site <i>possibly</i> belongs to this Site Type

Table 4.5 The Certainty Factor for Site Types

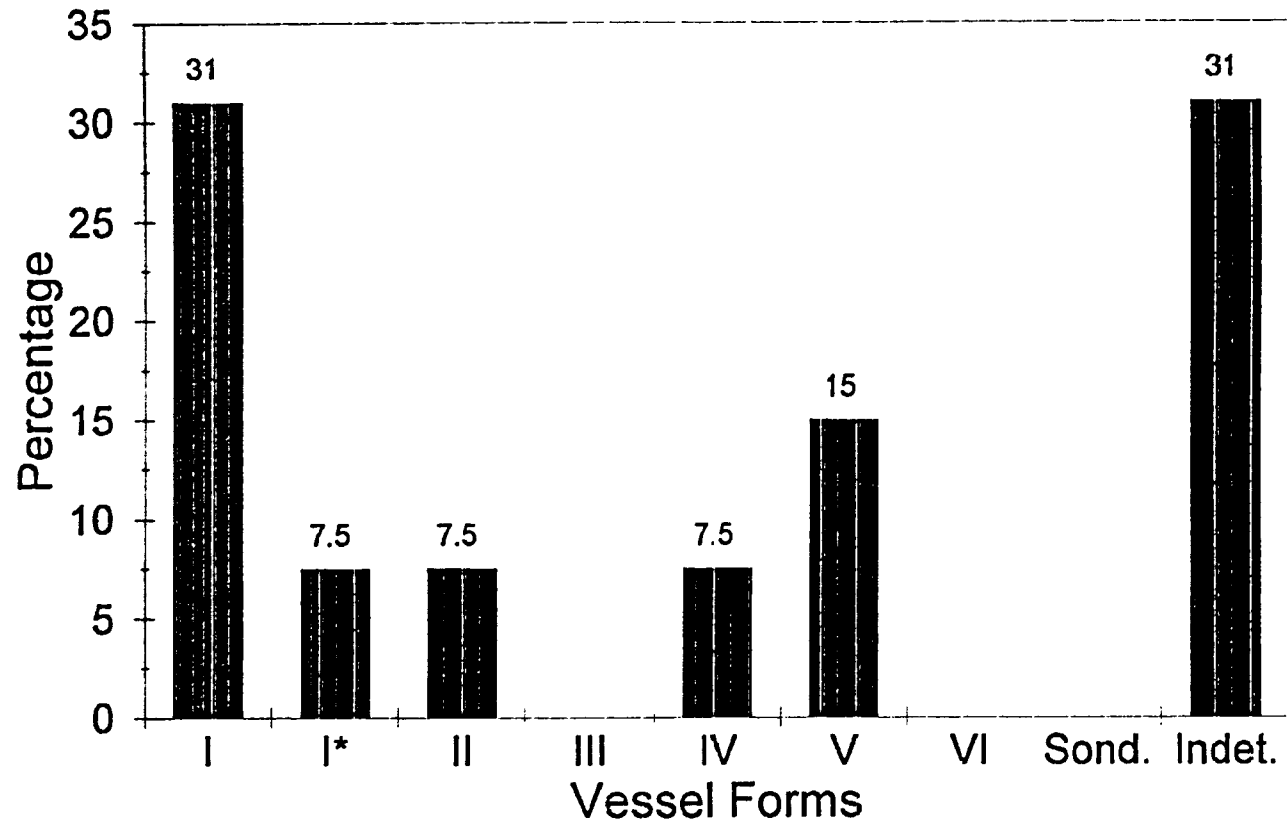
1	Controlled archaeological excavation
2	Unintentionally excavated or uncovered (e.g. by ploughing, building work, land clearance etc.)
3	Surface finds
4	Aerial photography
5	Not recorded

Table 4.6 Circumstances of Site Discovery

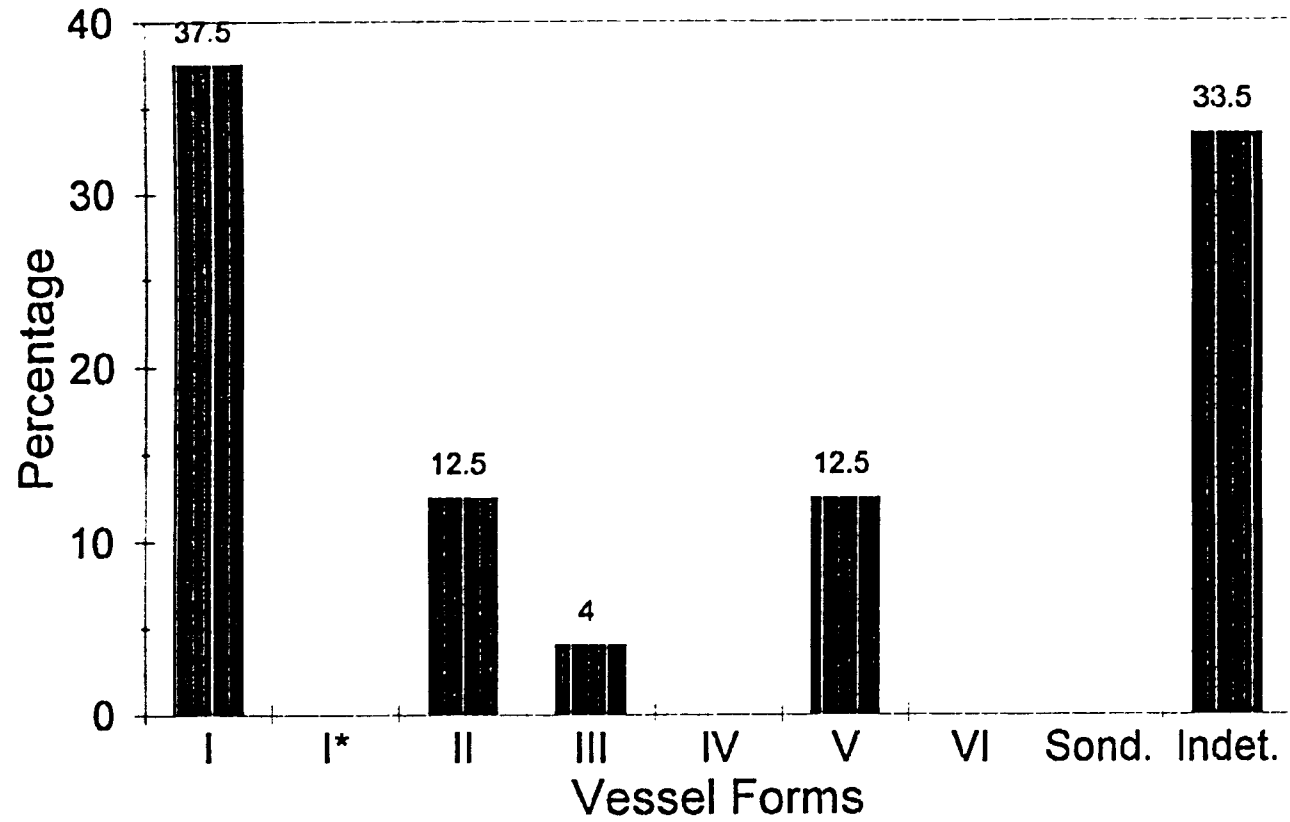
**Figure 5.1 Germanic Vessels
In Niederpleis, A7 (Total=25)**



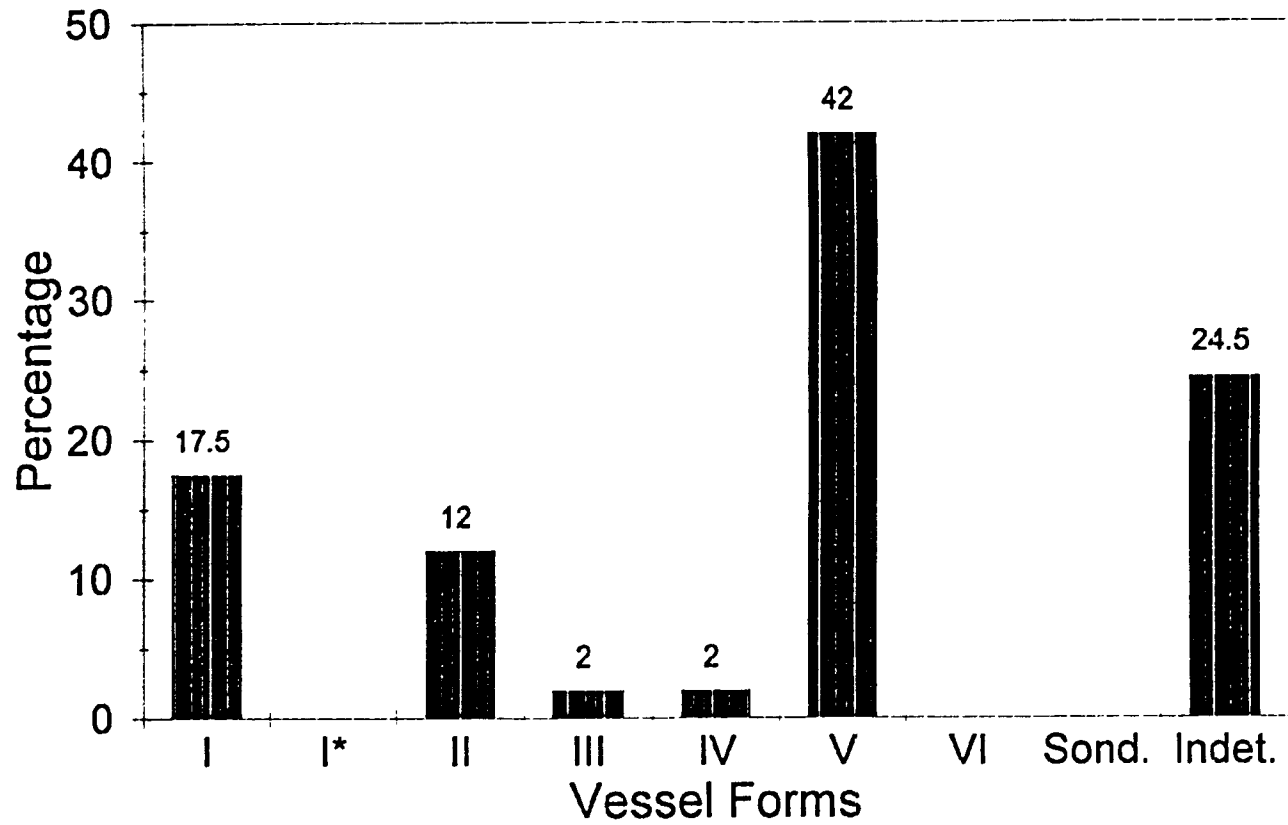
**Figure 5.2 Germanic Vessels
In Wahn, A9 (Total=13)**



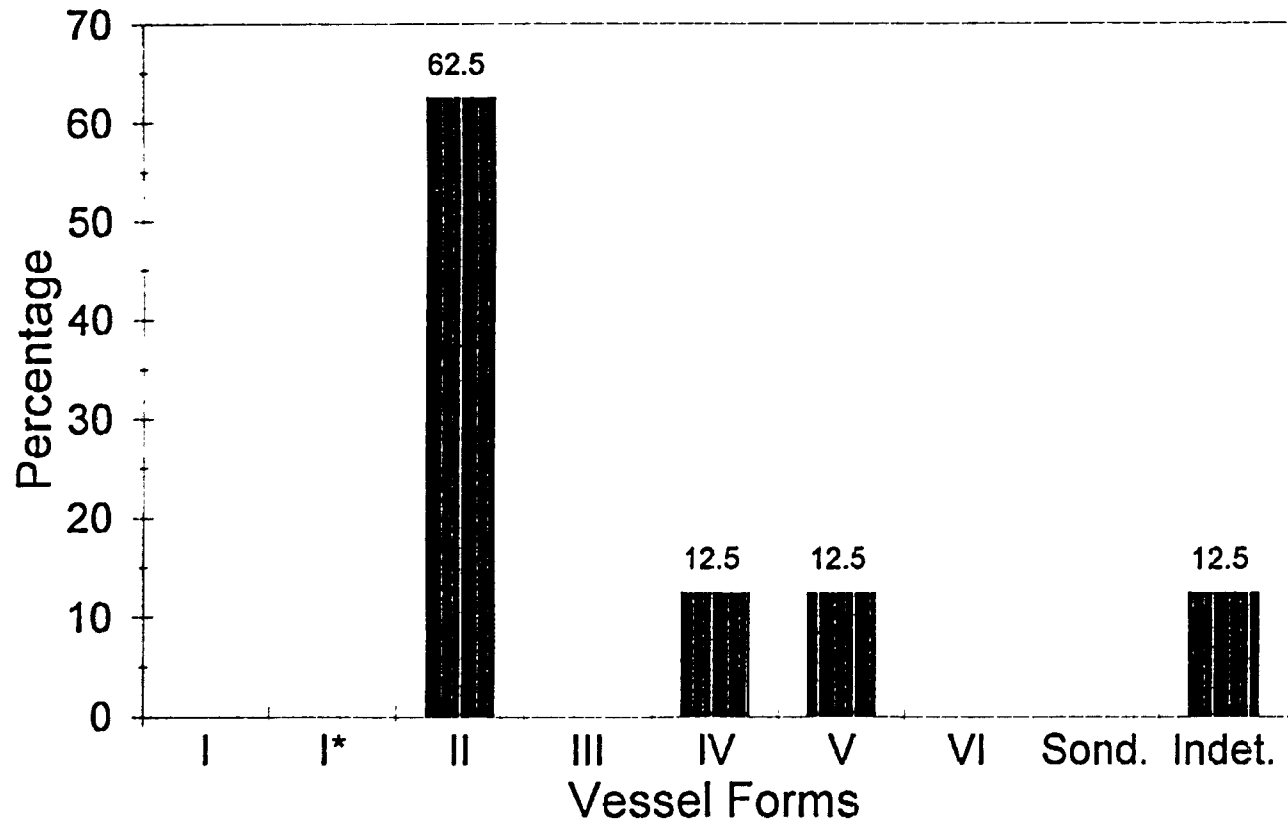
**Figure 5.3 Germanic Vessels
In Bergisch Gladbach, A18 (Total=24)**



**Figure 5.4 Germanic Vessels
In Troisdorf, A8 (Total=57)**



**Figure 5.5 Germanic Vessels
In Rosrath-Hasbach, A10 (Total=16)**



**Figure 5.6 Germanic Vessels
In Du.-Ehingen, A56 (Total=17)**

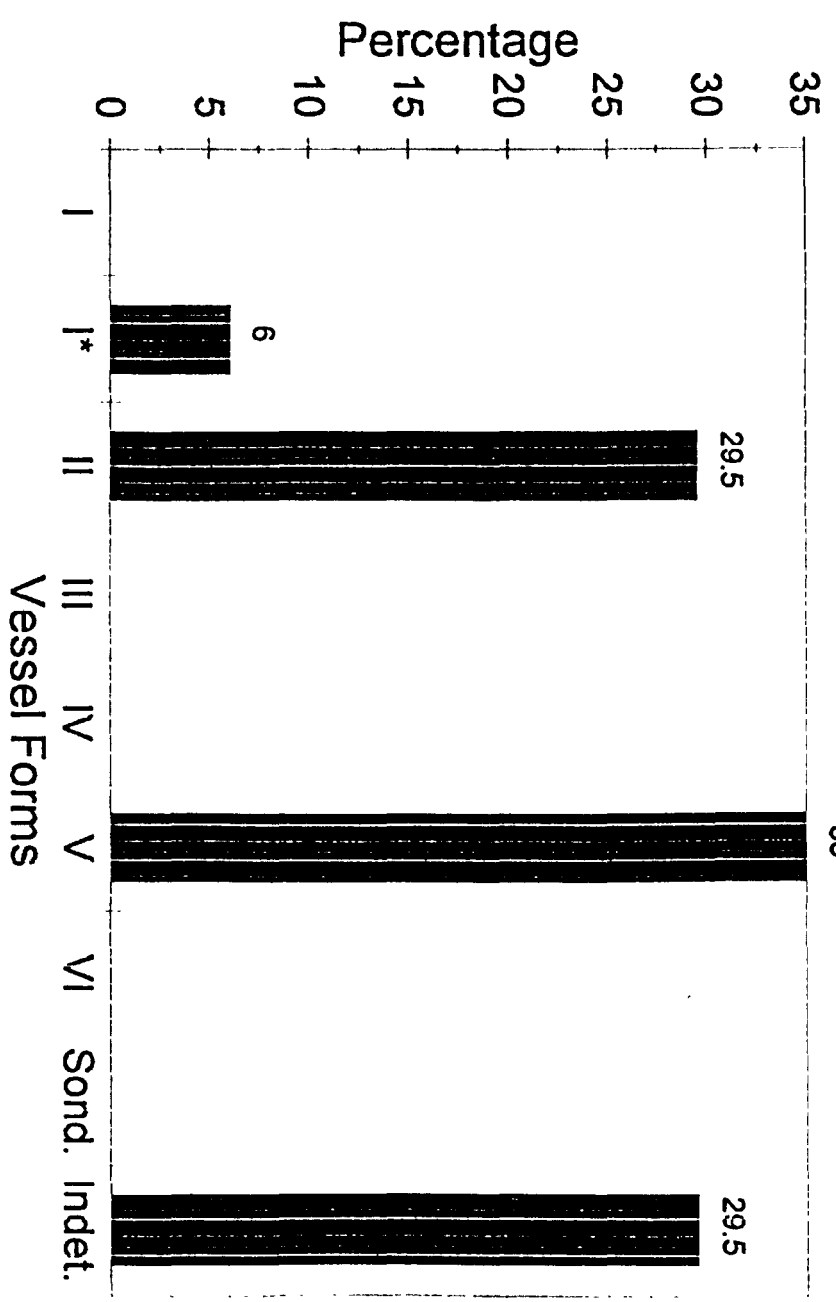
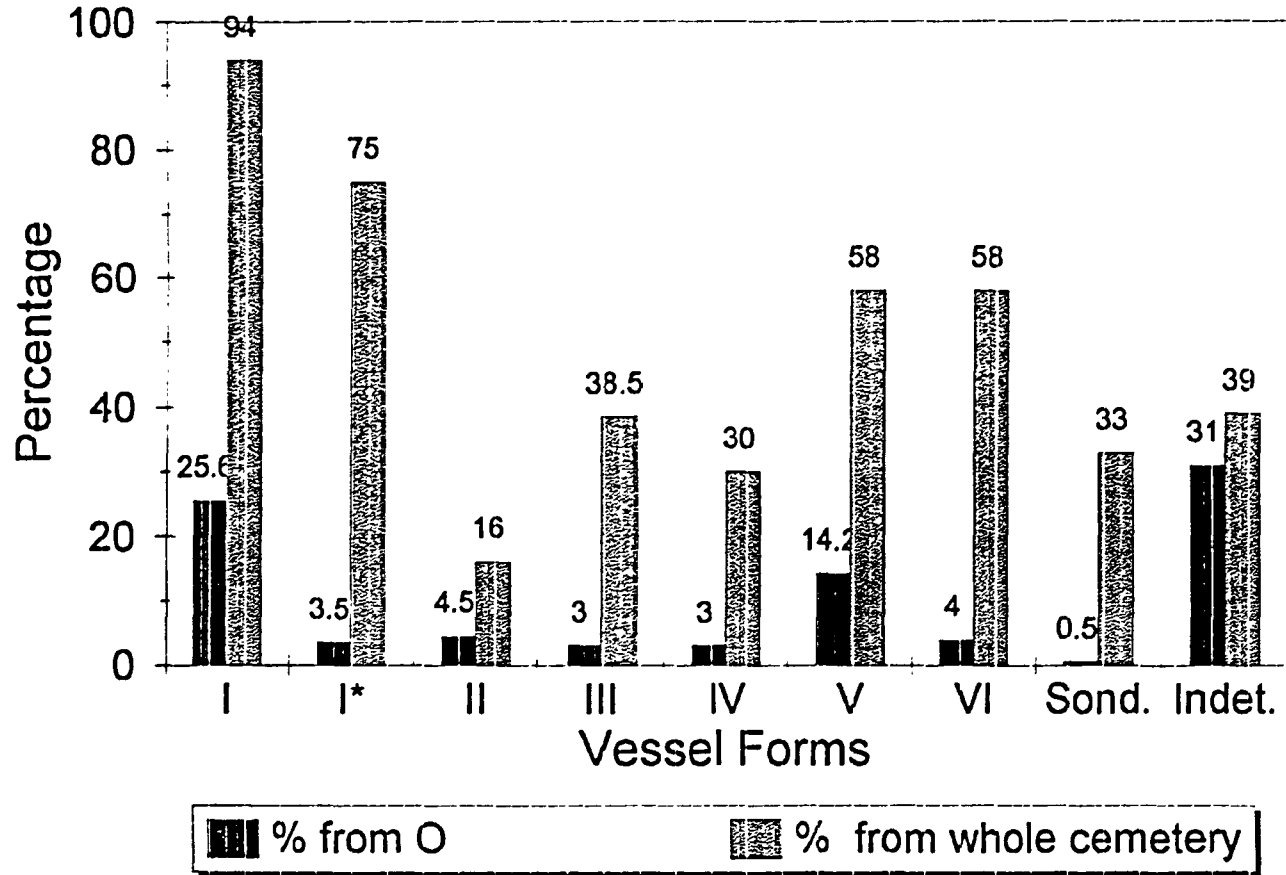
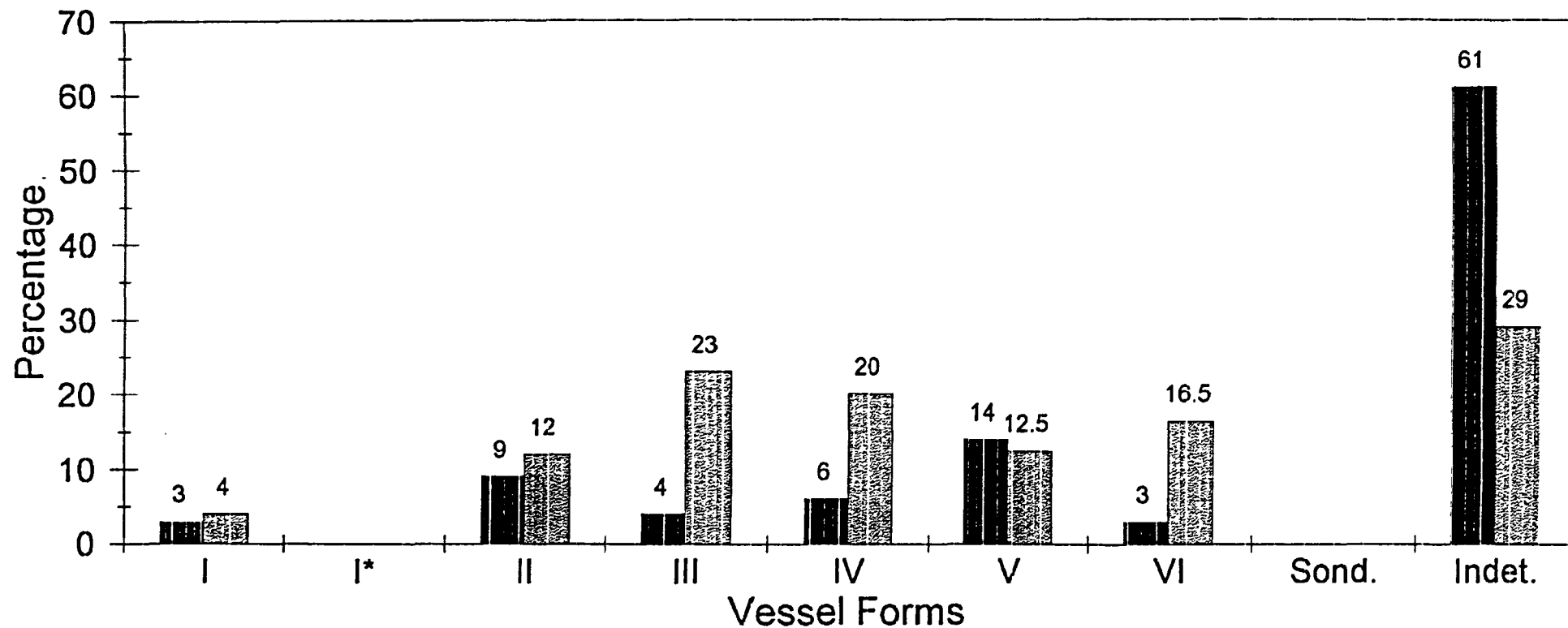


Figure 5.7 Germanic Vessels
Rheindorf Gravefield O (Total=183)

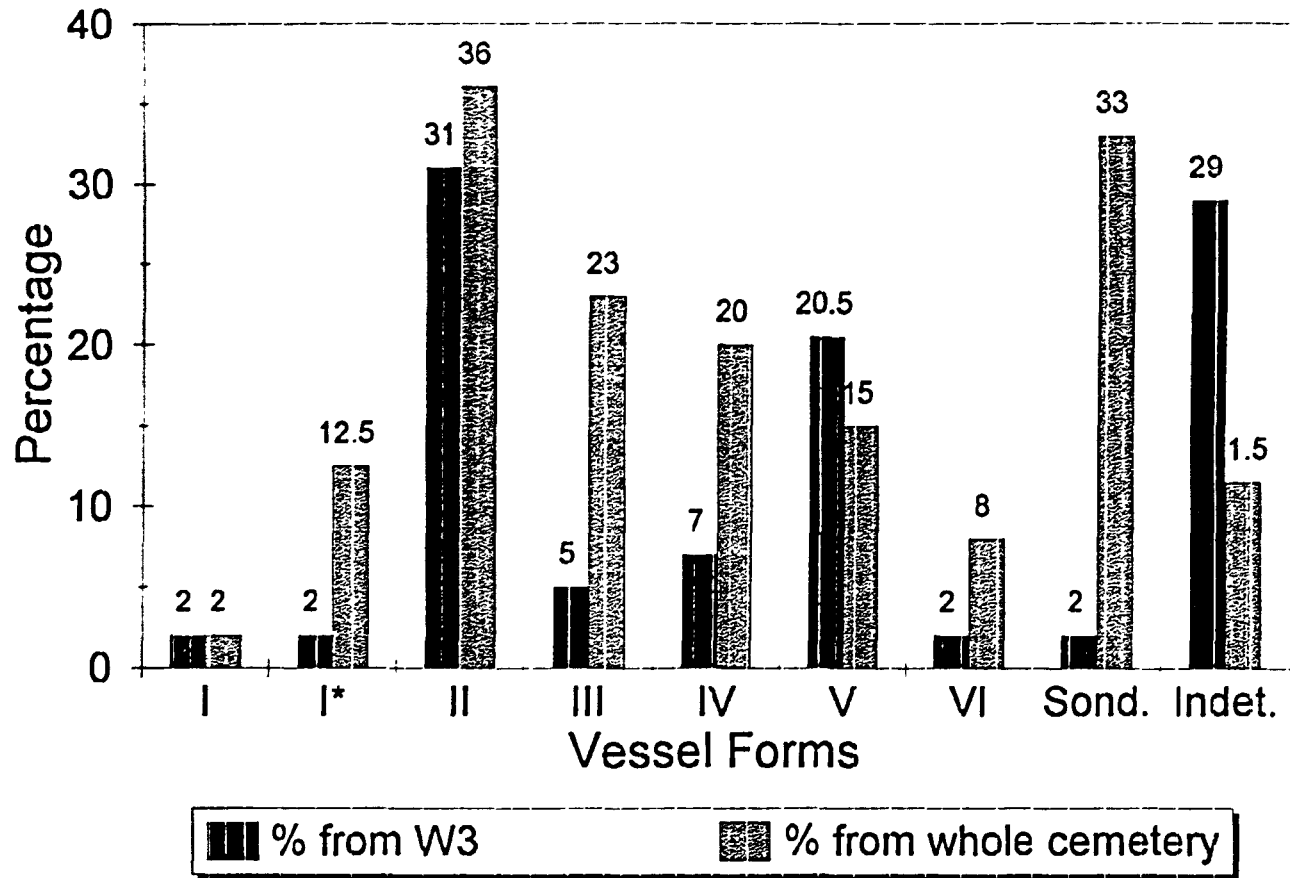


**Figure 5.8 Germanic Vessels
Rheindorf Gravefield M (Total=69)**

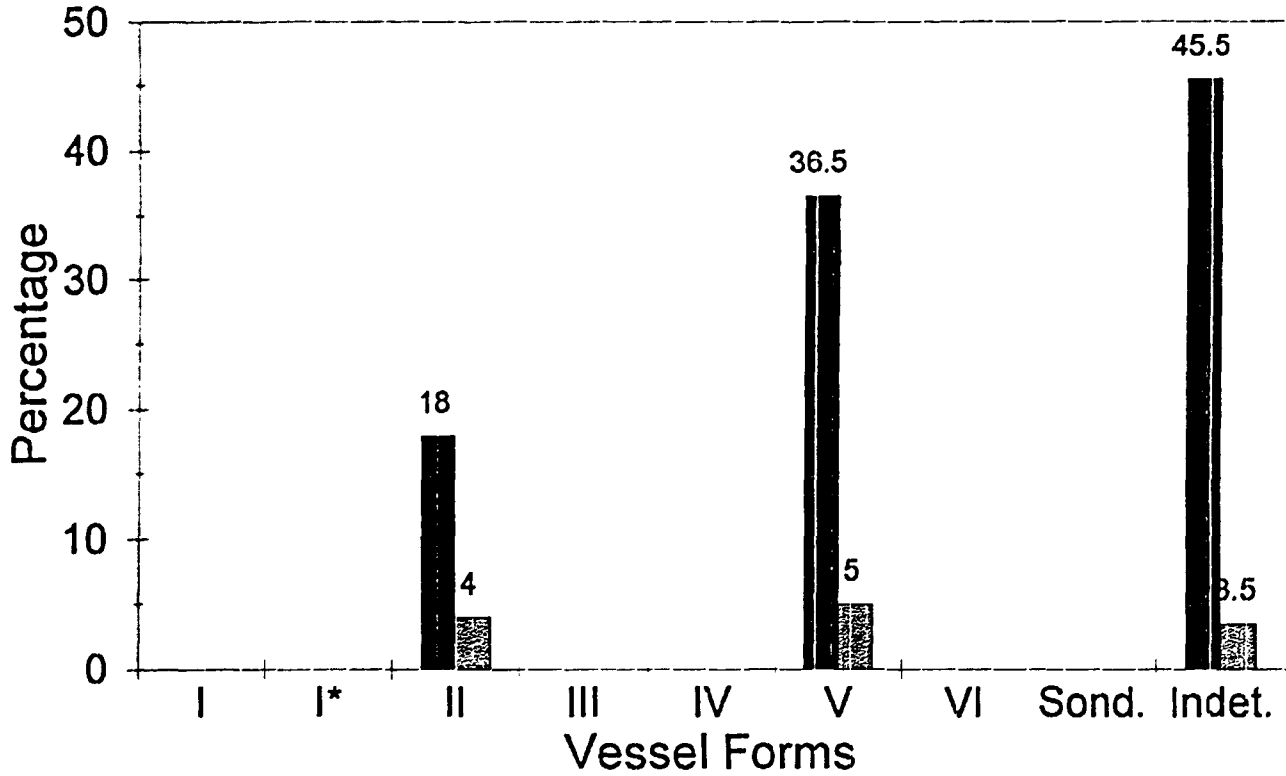


% from M
 % from whole cemetery

**Figure 5.9 Germanic Vessels
Rheindorf Gravefield W3 (Total=58)**

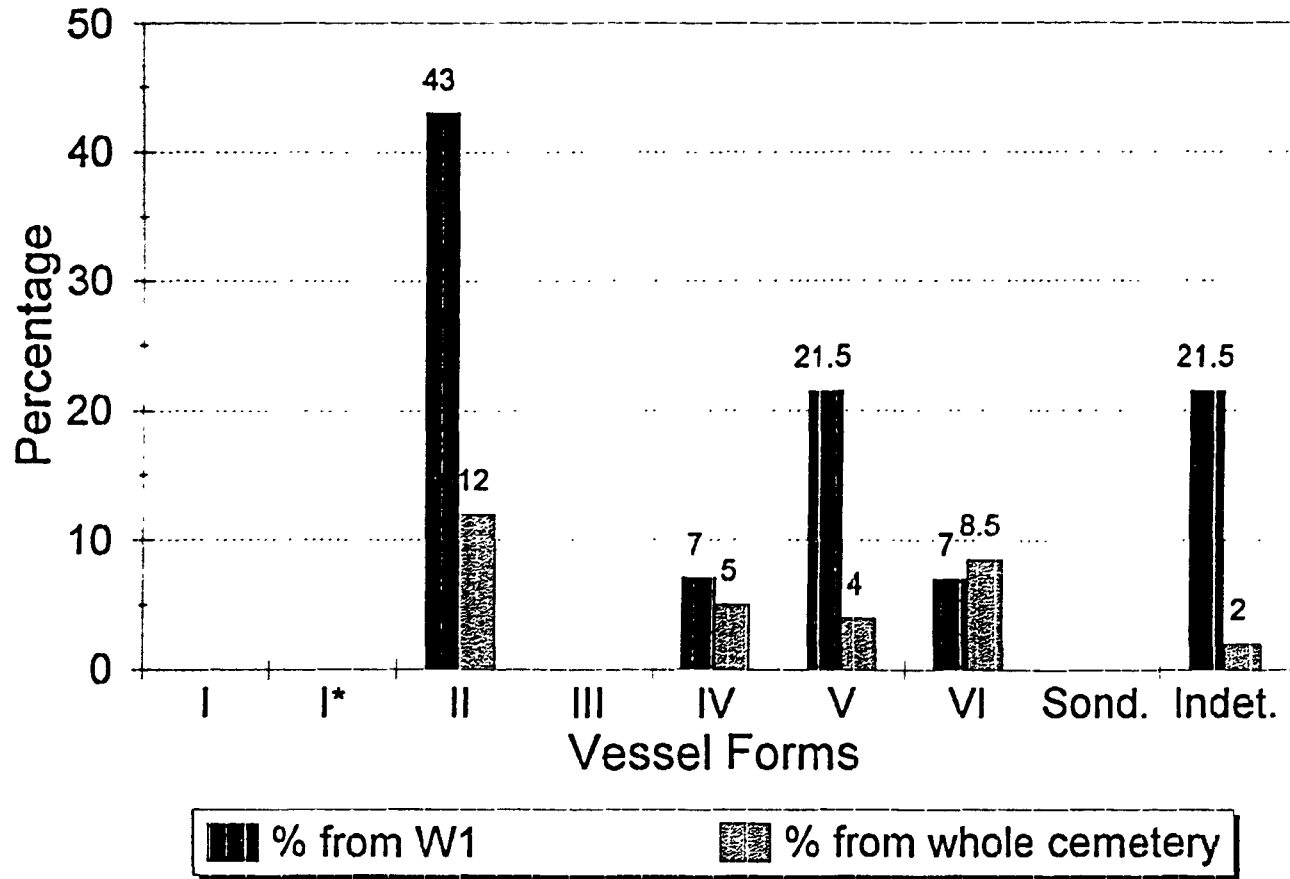


**Figure 5.10 Germanic Vessels
Rheindorf Gravefield S (Total=11)**

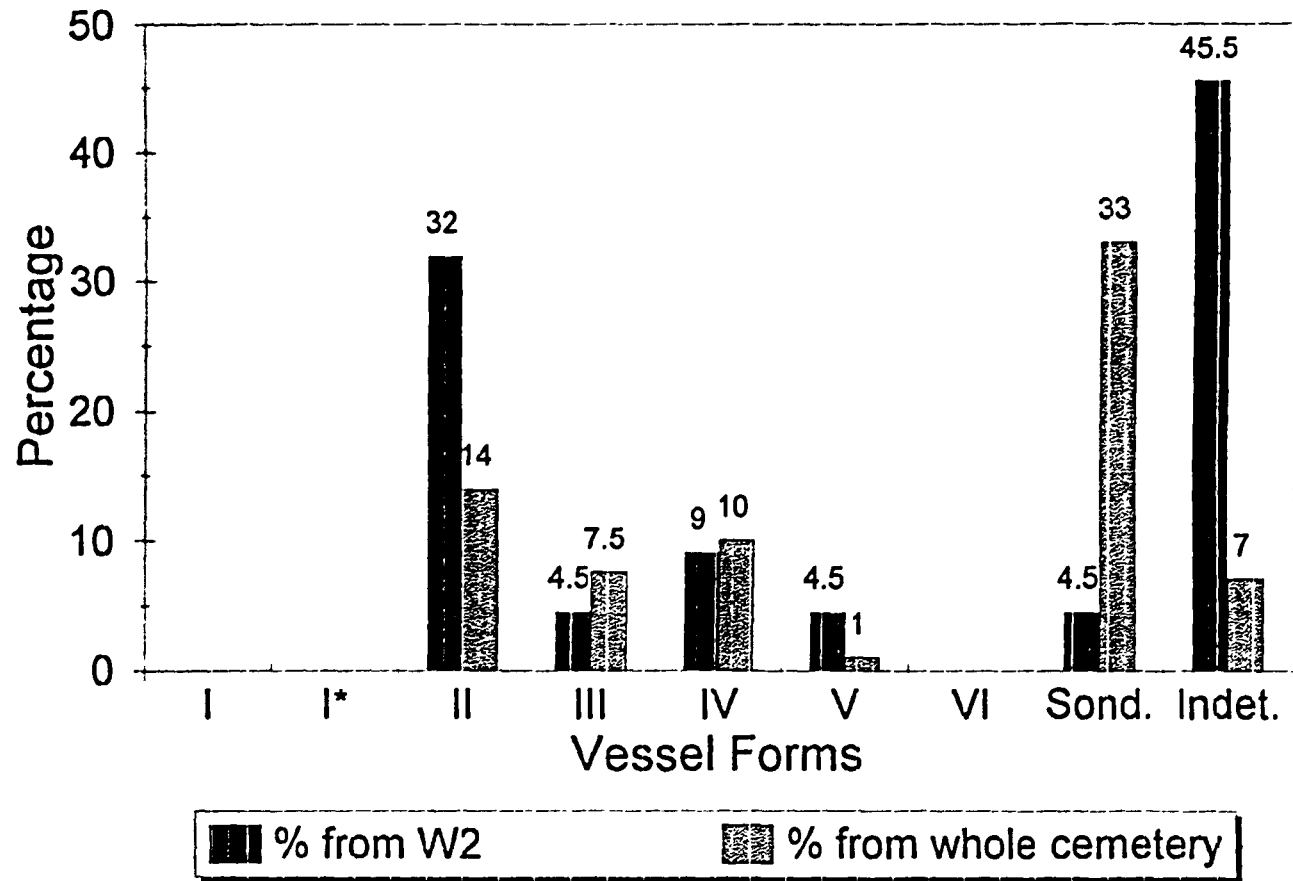


■ % from S ▨ % from whole cemetery

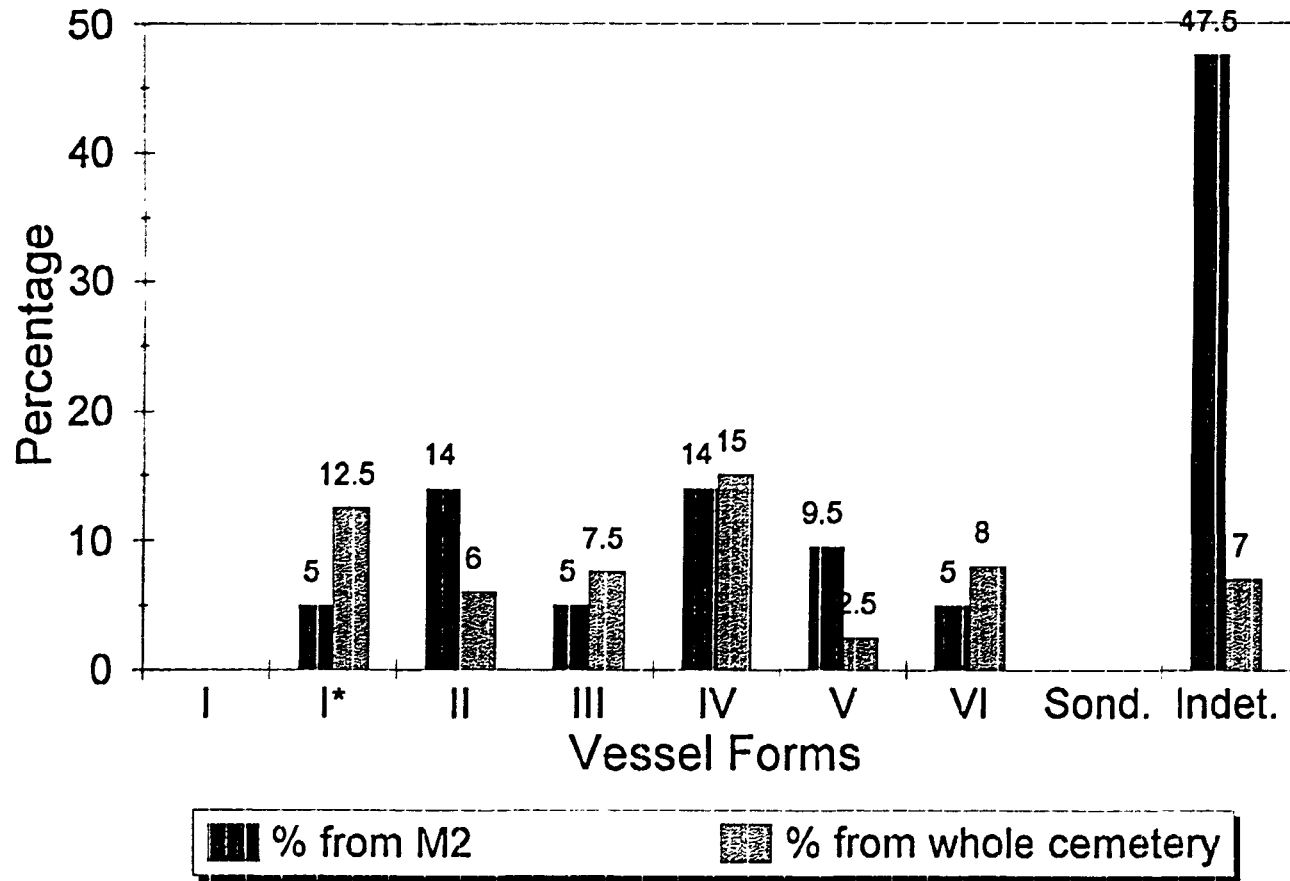
**Figure 5.11 Germanic Vessels
Rheindorf Gravefield W1 (Total=14)**



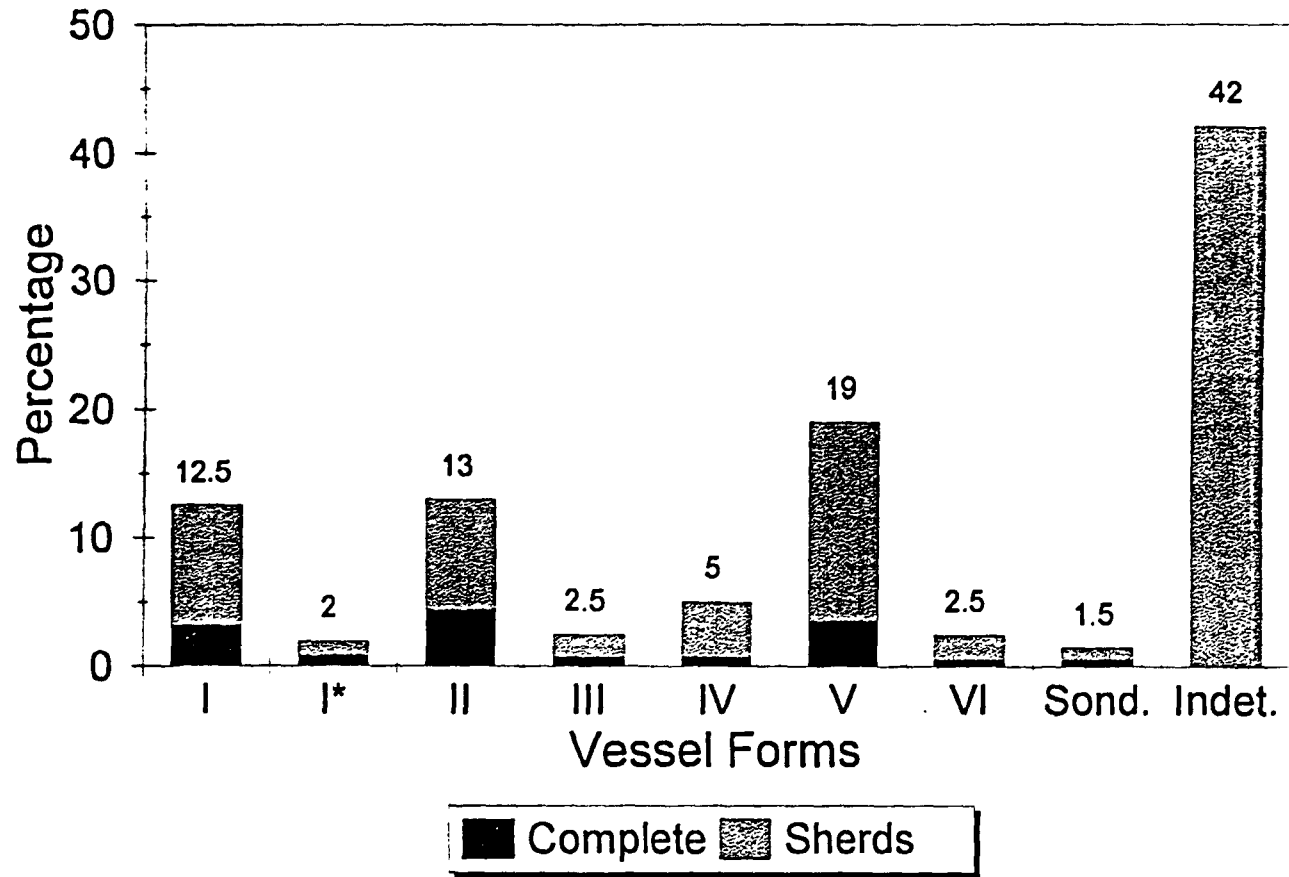
**Figure 5.12 Germanic Vessels
Rheindorf Gravefield W2 (Total=22)**



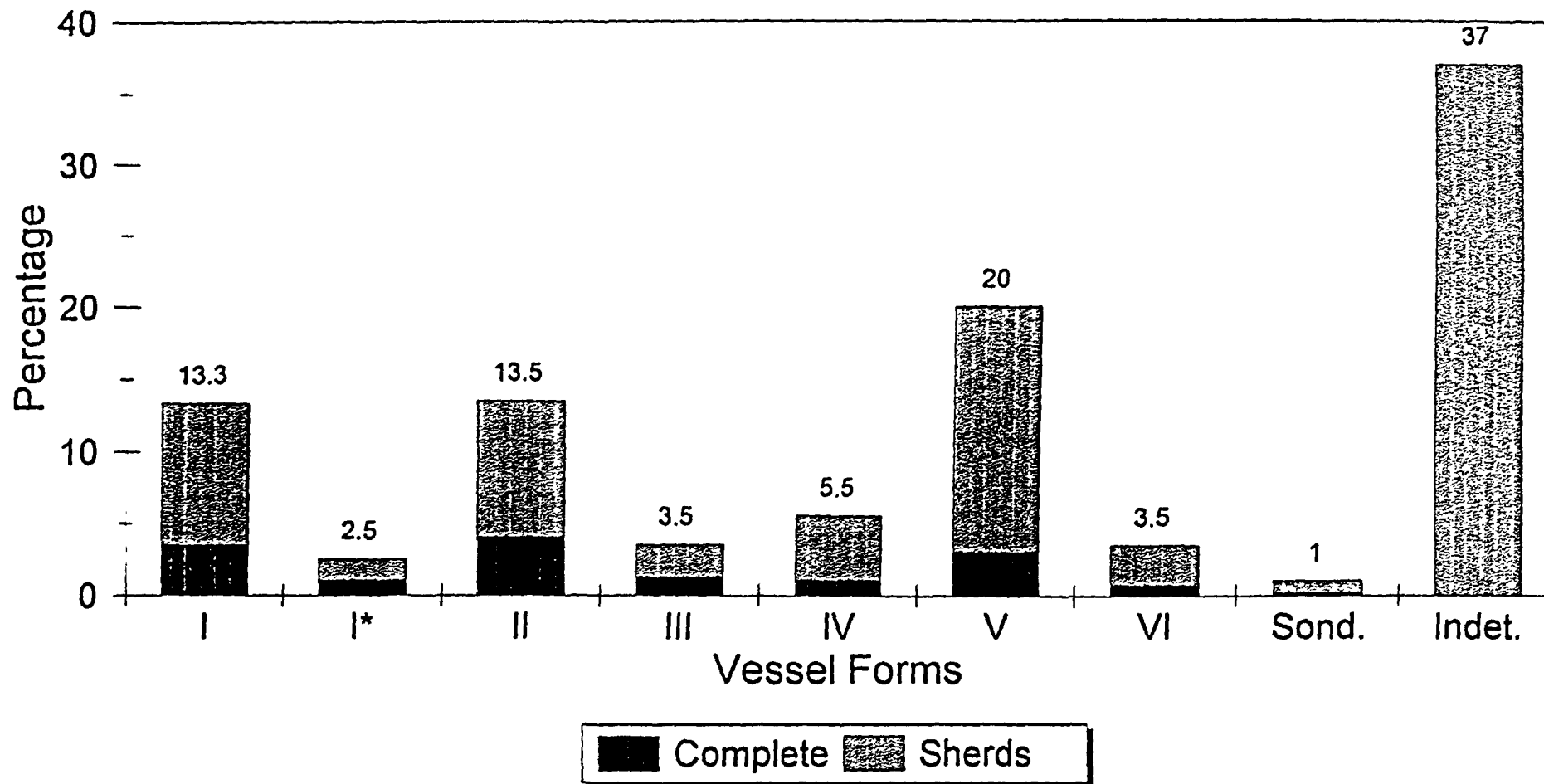
**Figure 5.13 Germanic Vessels
Rheindorf Gravefield M2 (Total=21)**



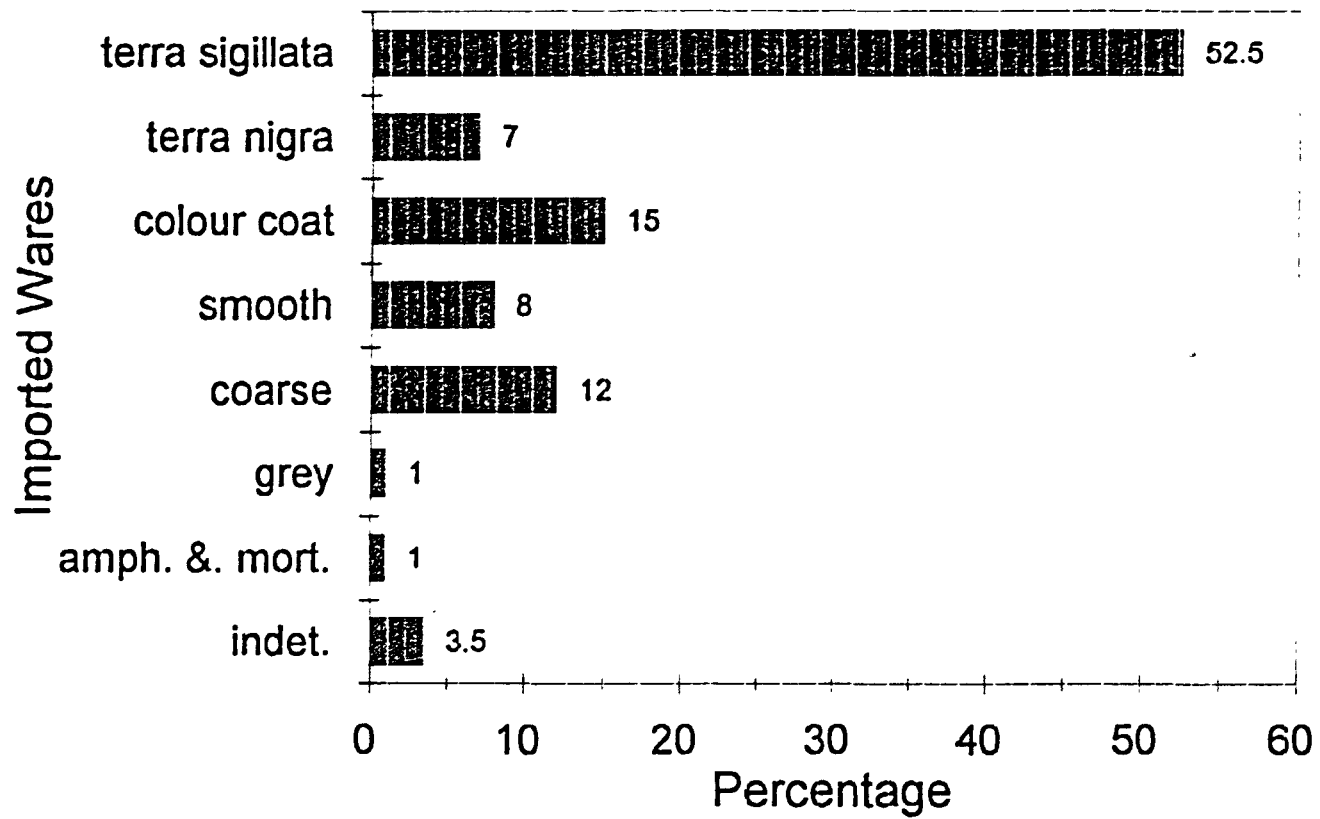
**Figure 5.14 Germanic Vessels
In Graves (Total=681)**



**Figure 5.15 Germanic Vessels
In Rheindorf, A22 (Total=390)**



**Figure 5.16 Roman Pottery Imports
In Graves (Total=584)**



**Figure 5.17 Terra Sigillata
Form Spectrum in Graves (Total=306)**

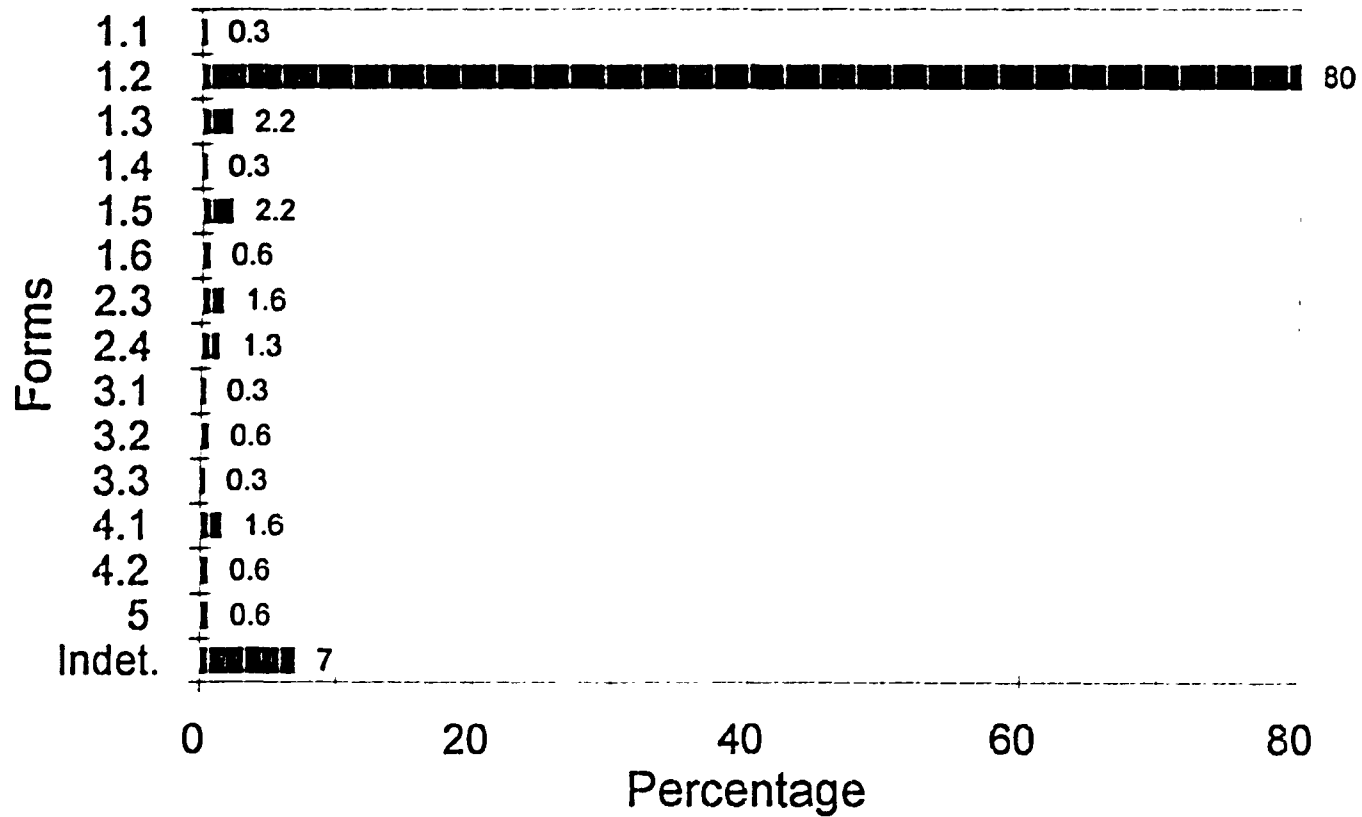
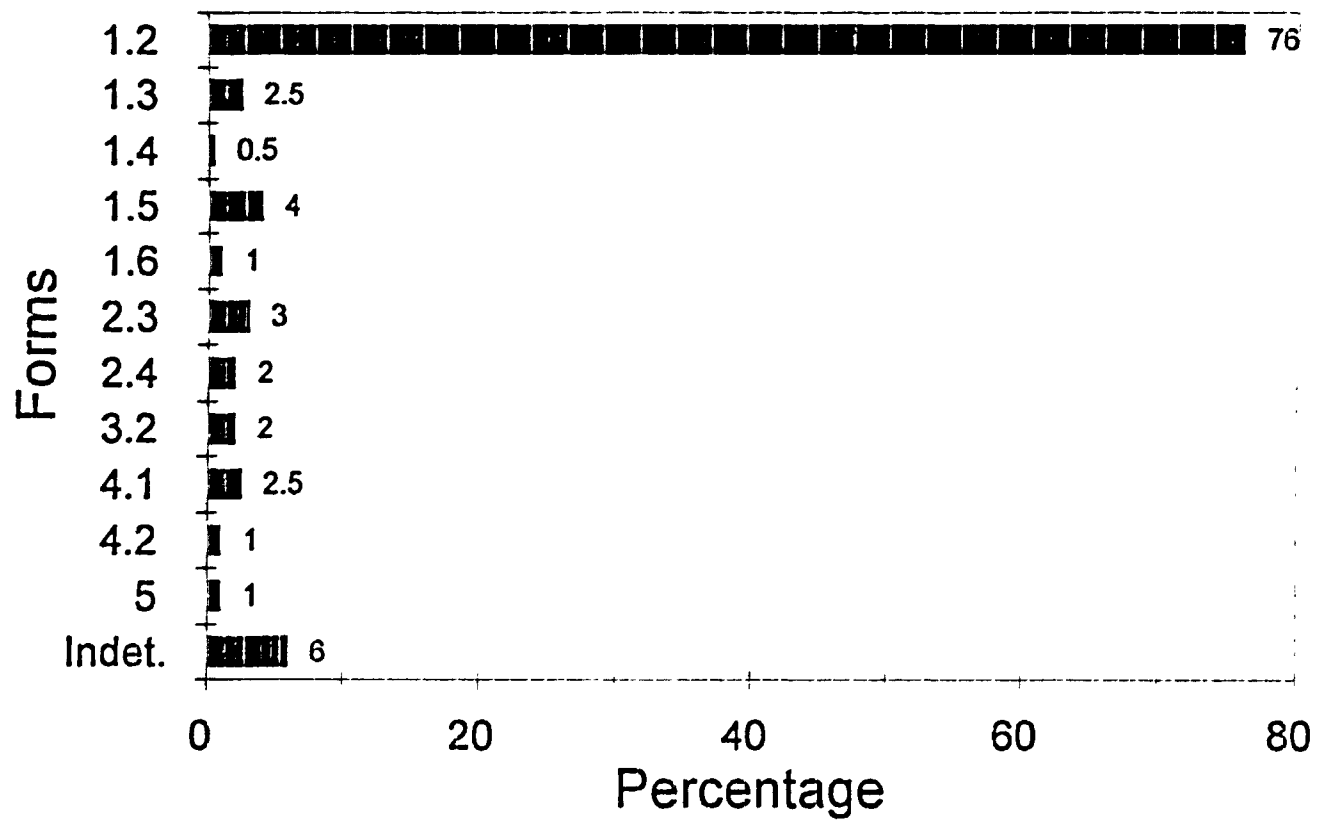
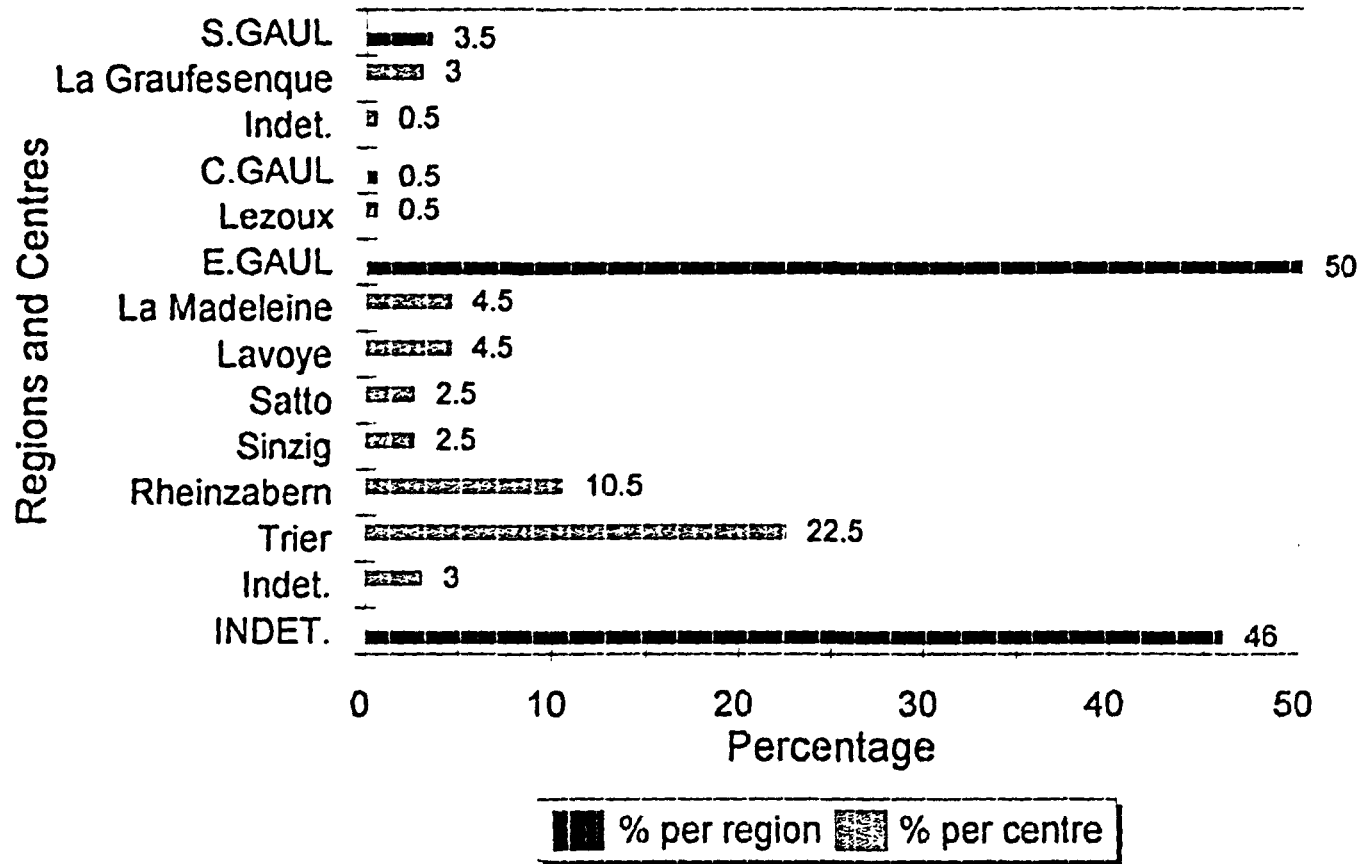


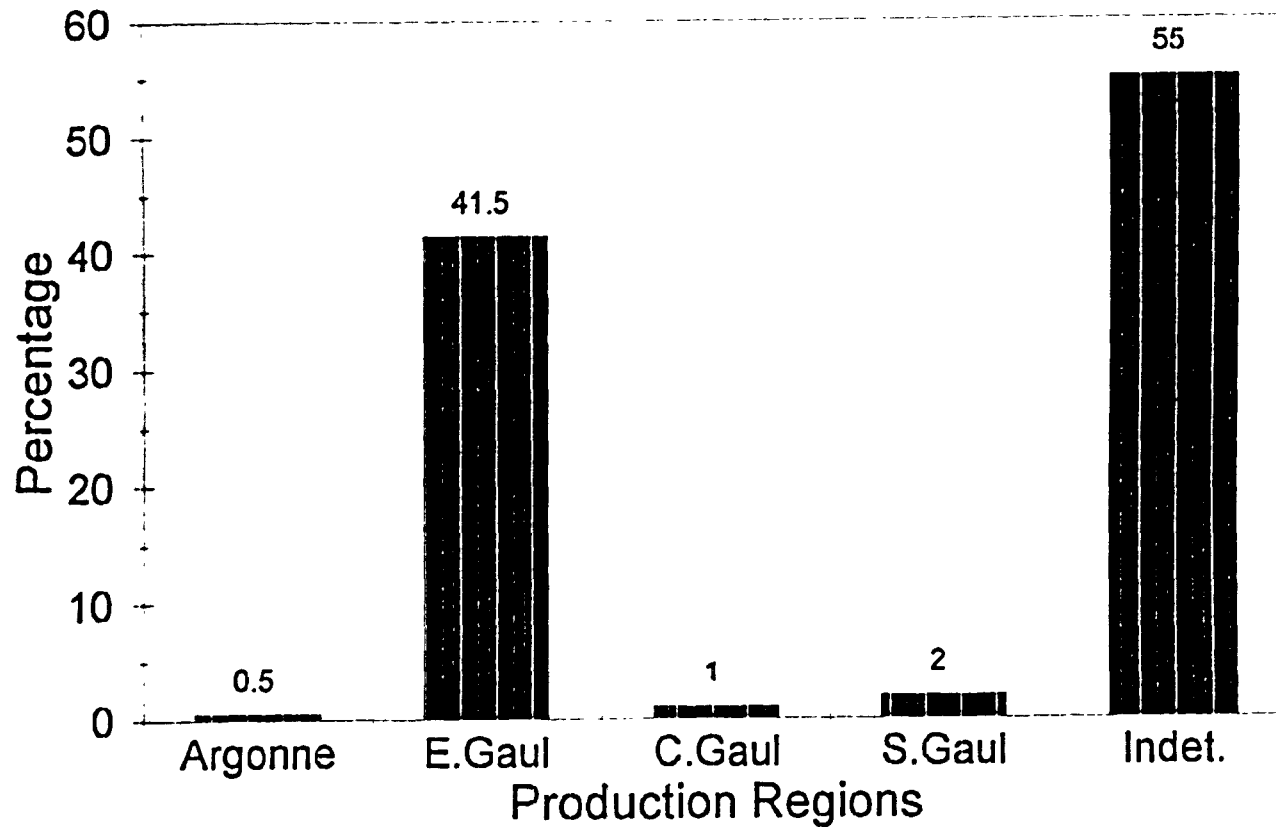
Figure 5.18 Terra Sigillata
In Rheindorf, A22 (Total=173)



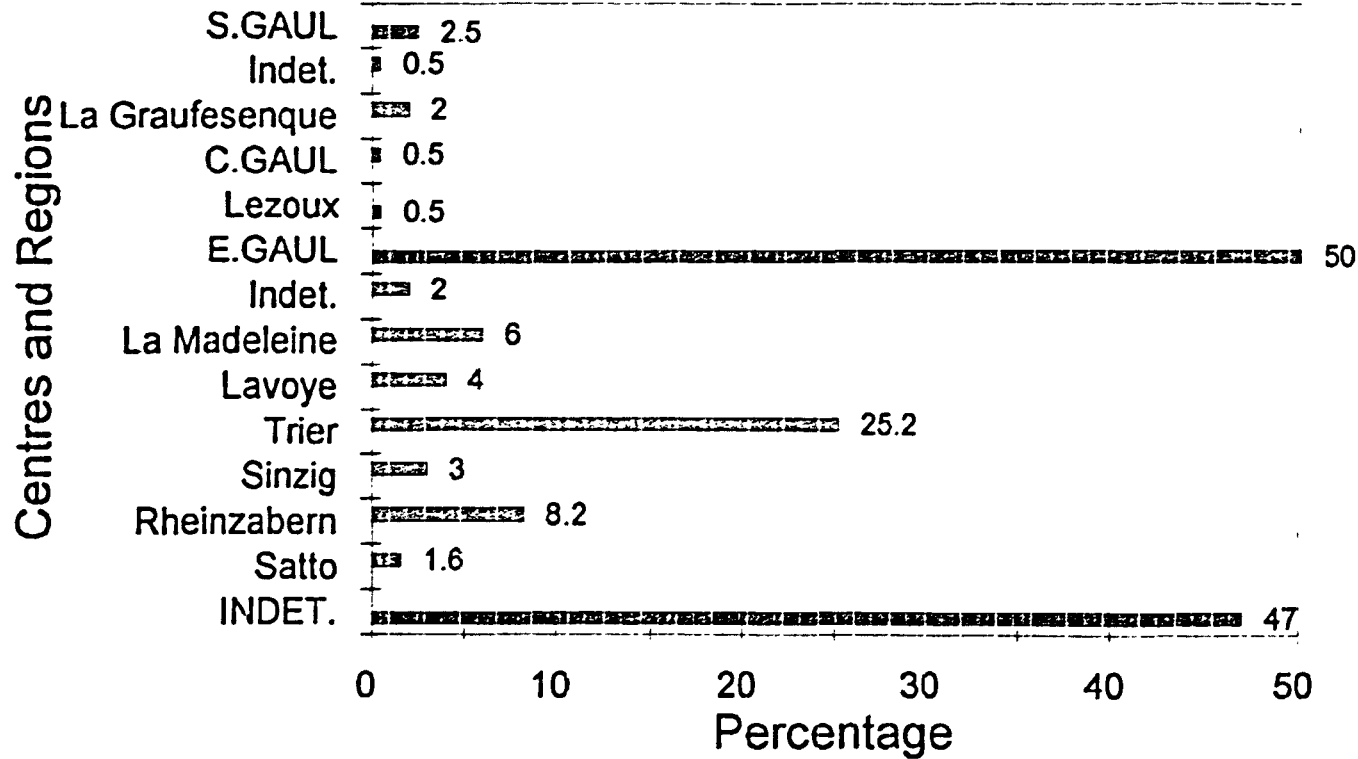
**Figure 5.19 Terra Sigillata (Tot.=132)
Provenance of Form 1.2 from Rheindorf**



**Figure 5.20 Terra Sigillata in Graves
Provenance of Vessels (Total=306)**

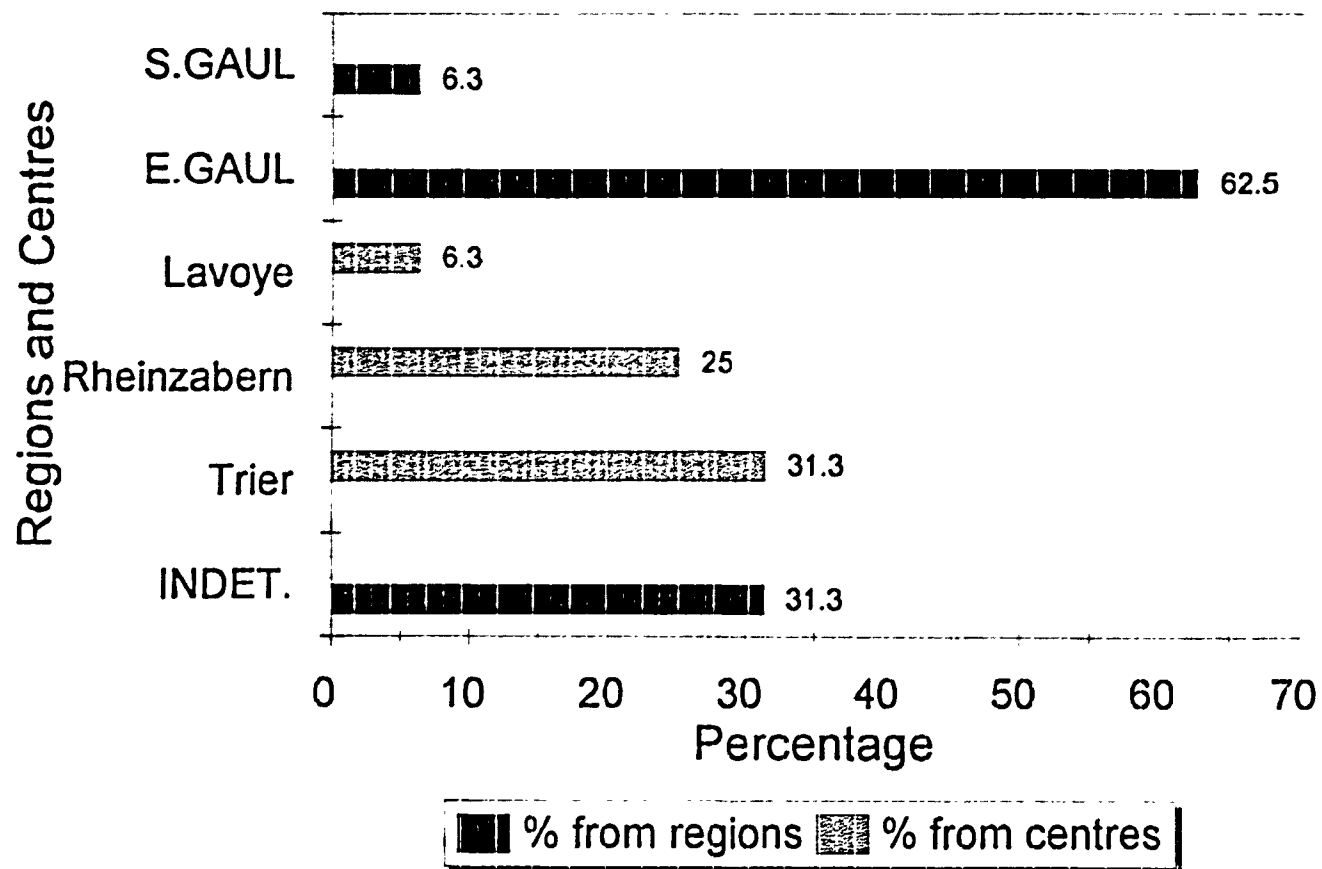


**Figure 5.21 Terra Sigillata in Graves
Provenance of Form 1.2 (Total=244)**

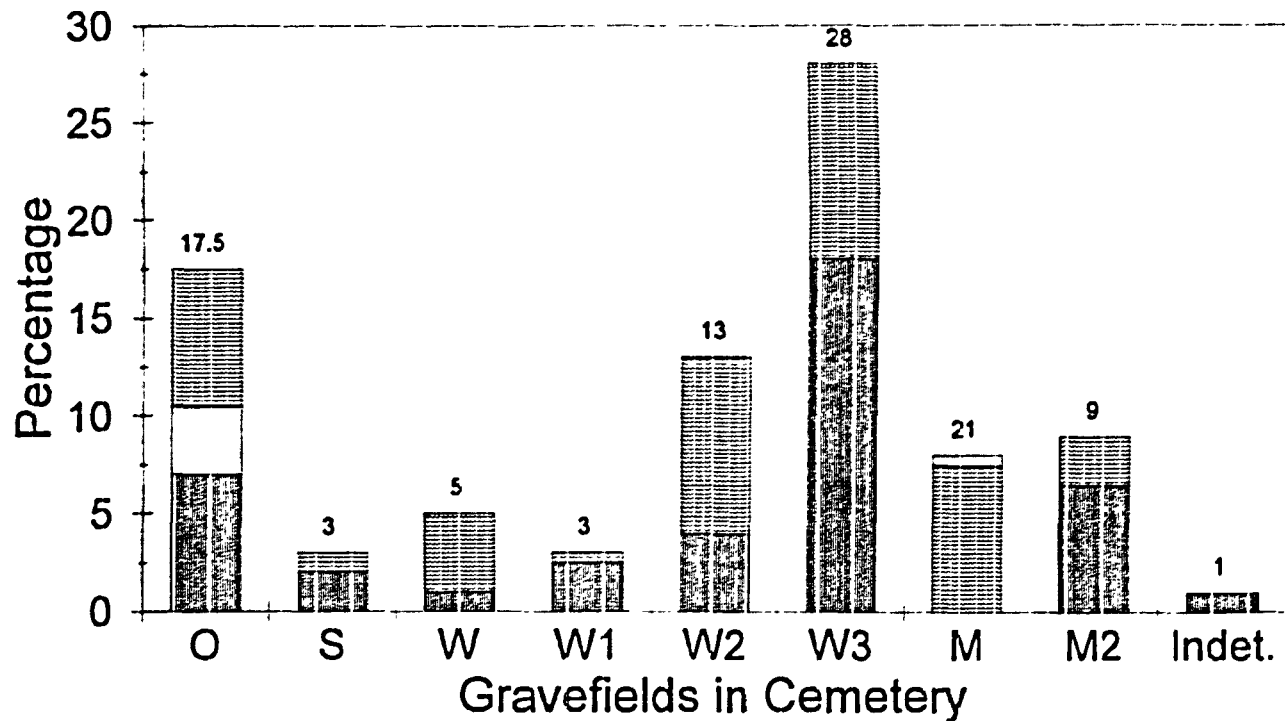


■ % total per region ▨ % total per centre

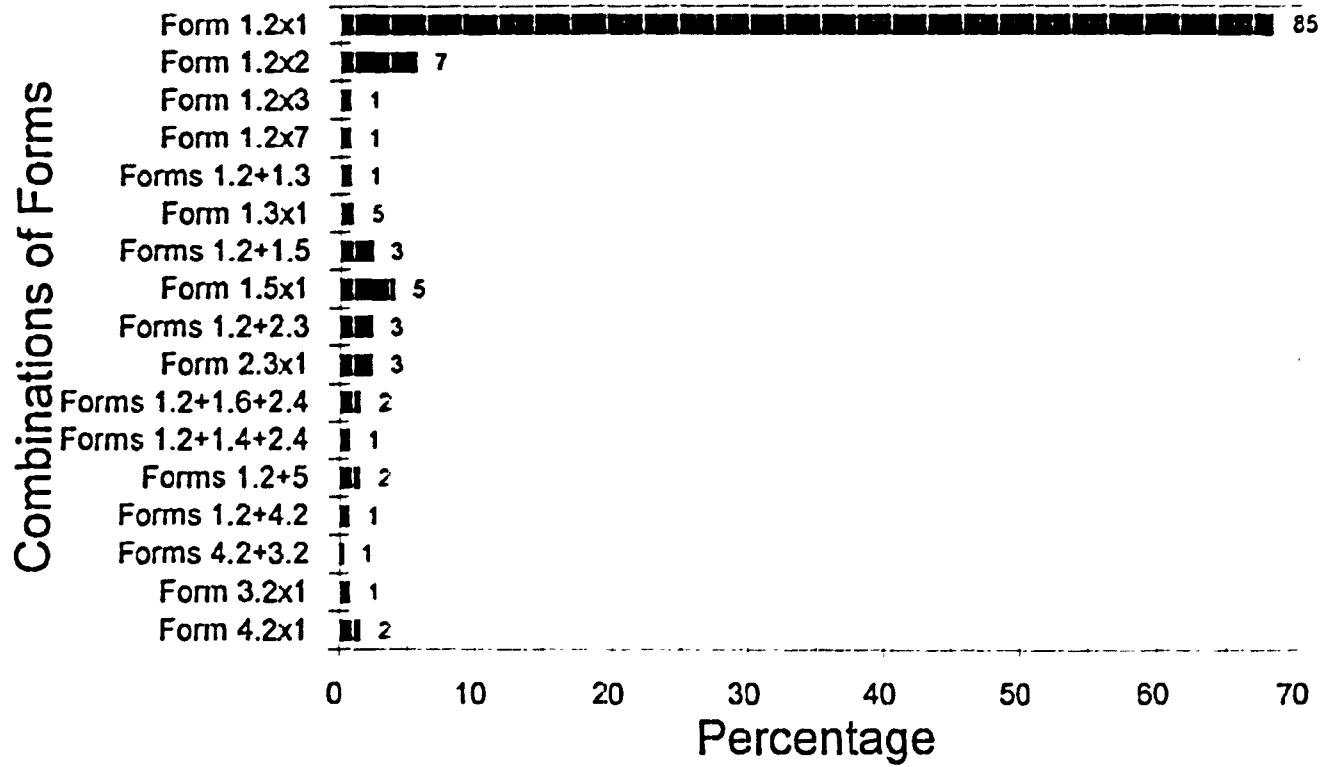
**Figure 5.22 Terra Sigillata (Tot.=16)
Provenance of Form 1.2 From Troisdorf**



**Figure 5.23 Terra Sigillata Vessels
Distribution in Rheindorf (Total=173)**



**Figure 5.24 Terra Sigillata Rheindorf
Combination of Forms in Graves**



■ Label indicates no. of incidences

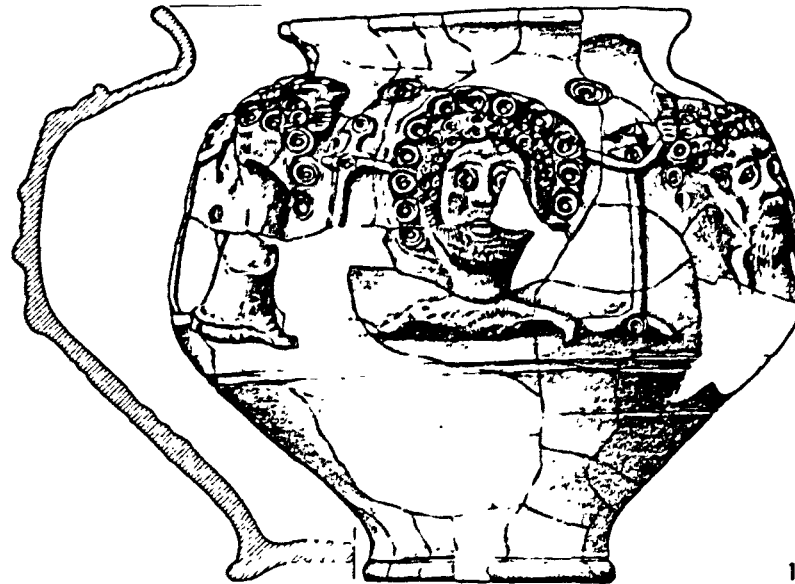
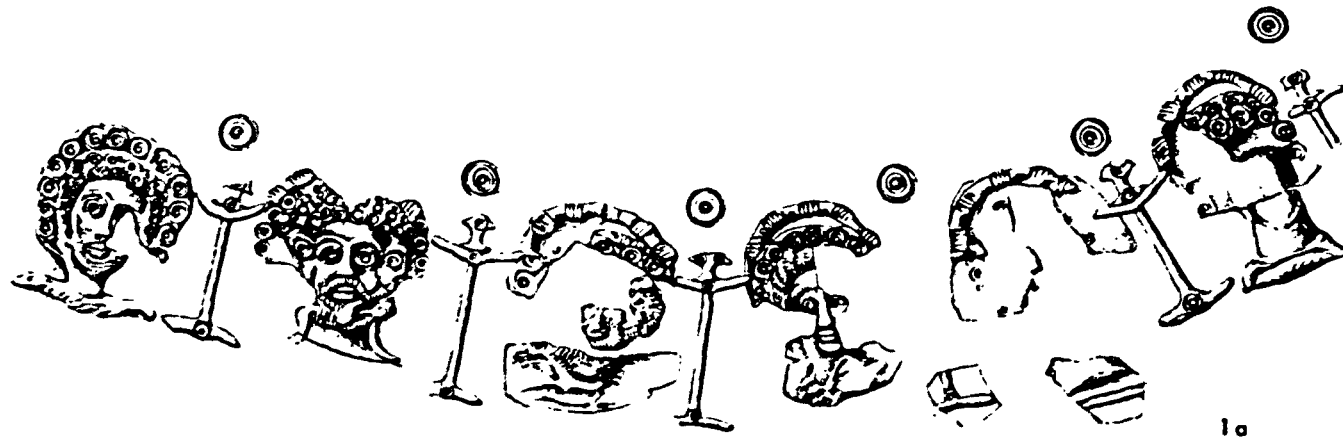


Figure 5.25 The *Planetenvase*, or *Vase à Bustes*, from Troisdorf A8, Grave 2 (From Joachim 1987, Taf.1). 1a scale 1:4, 1 scale 1:3.

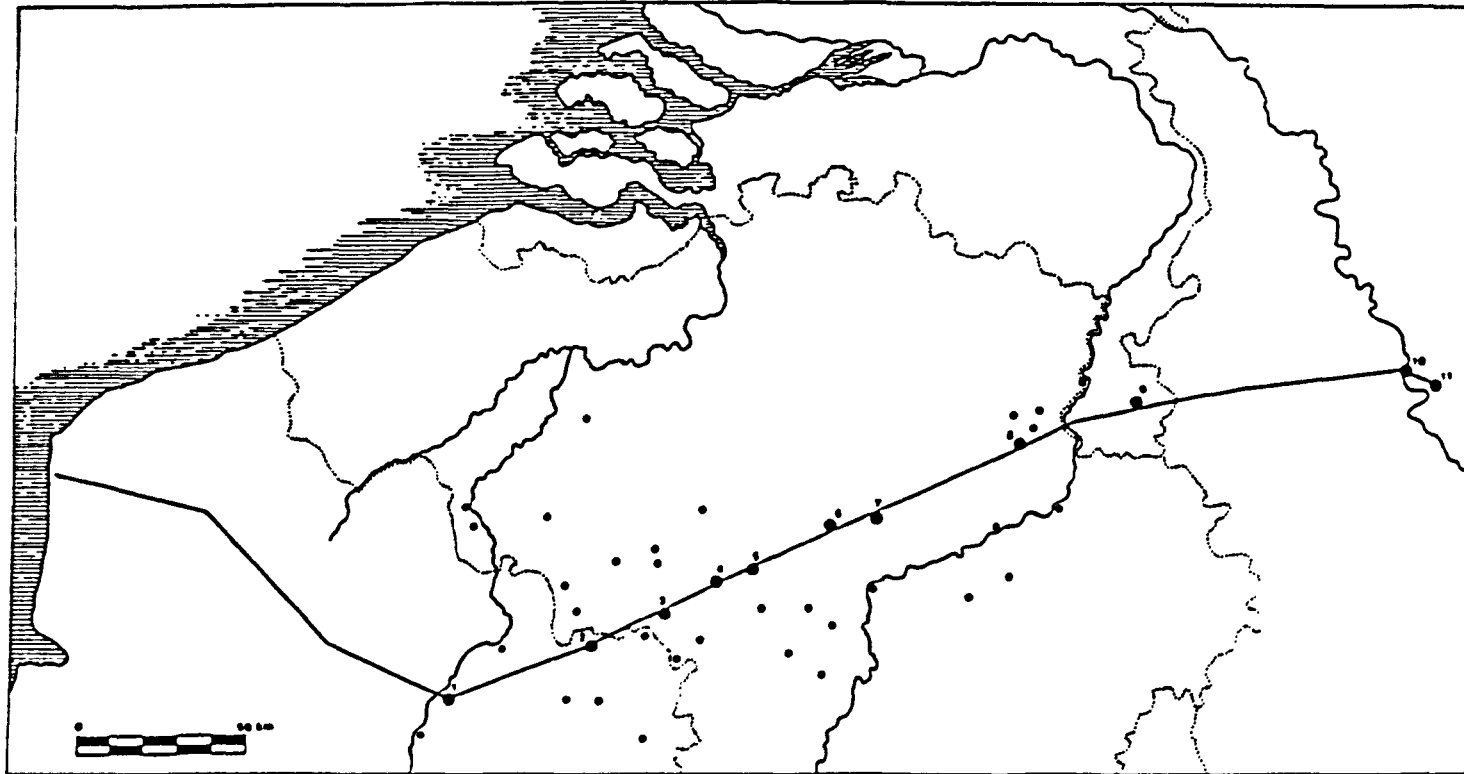
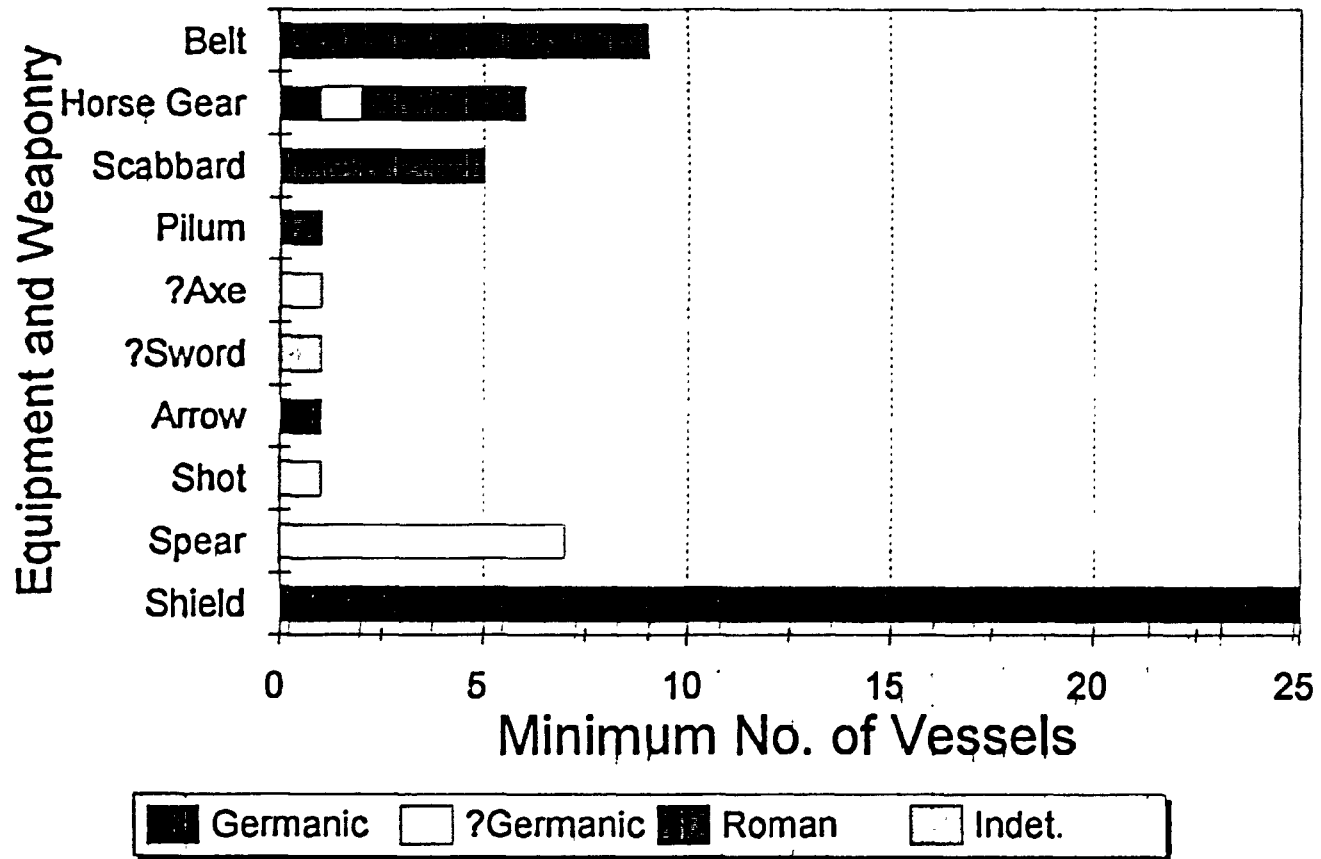


Figure 5.26 Distribution Map of *Planetenvasen*, or *Vases à Bustes*
(From Carmelez 1987, Fig. 1)
1: Cambrai, 2: Bavai, 3: Haulchin, 4: Chapelle-lez Heralaimont,
5: Liberchies, 6: Tourinnes, 7: Tavieres, 8: Tongres, 9: Voerendaal,
10: Cologne, 11: Troisdorf.

**Figure 5.27 Military Equipment
Provenance of Equipment and Weaponry**



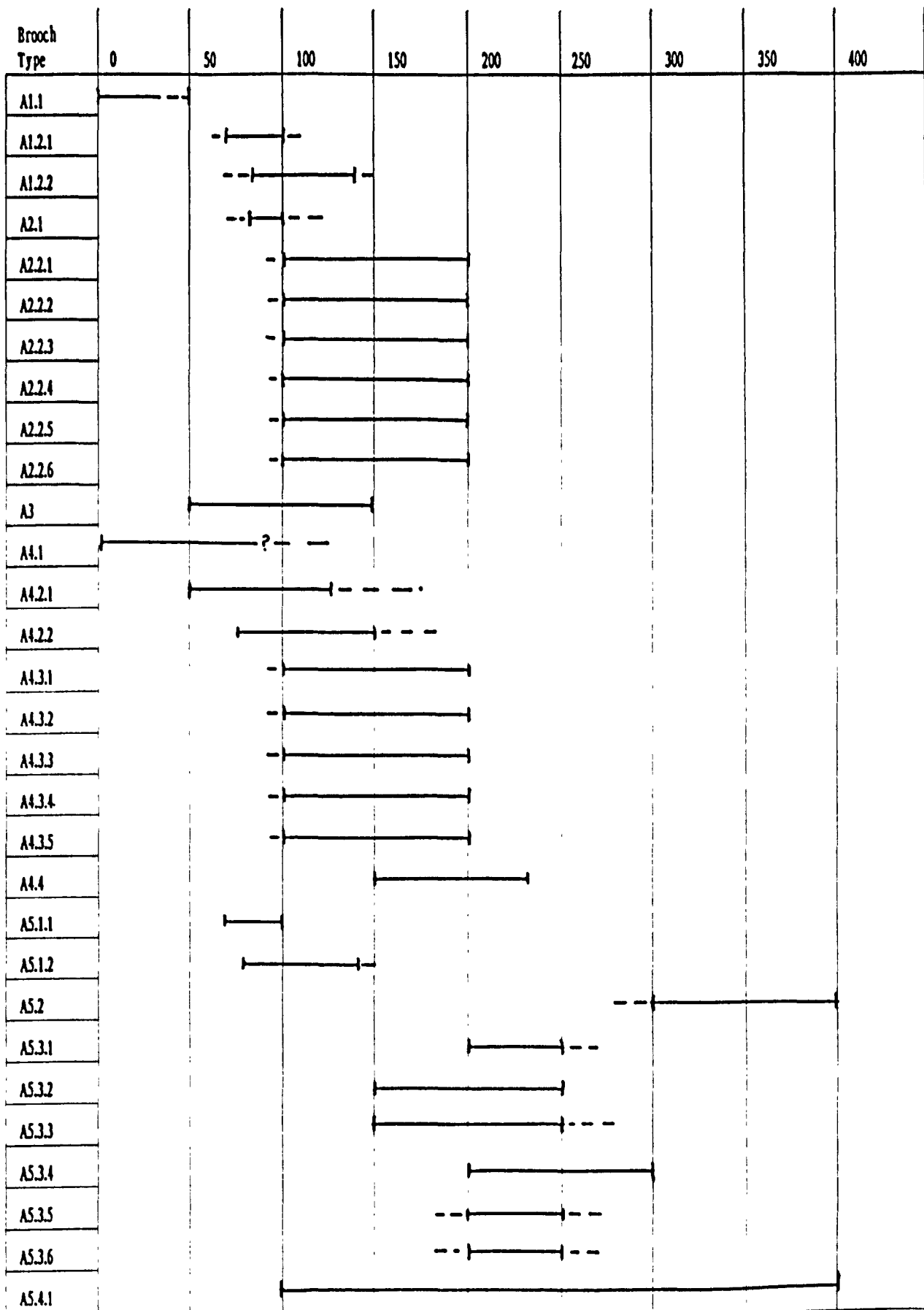


Figure 5.28 Chronology of Brooch Forms in the Study Area (Contd.)

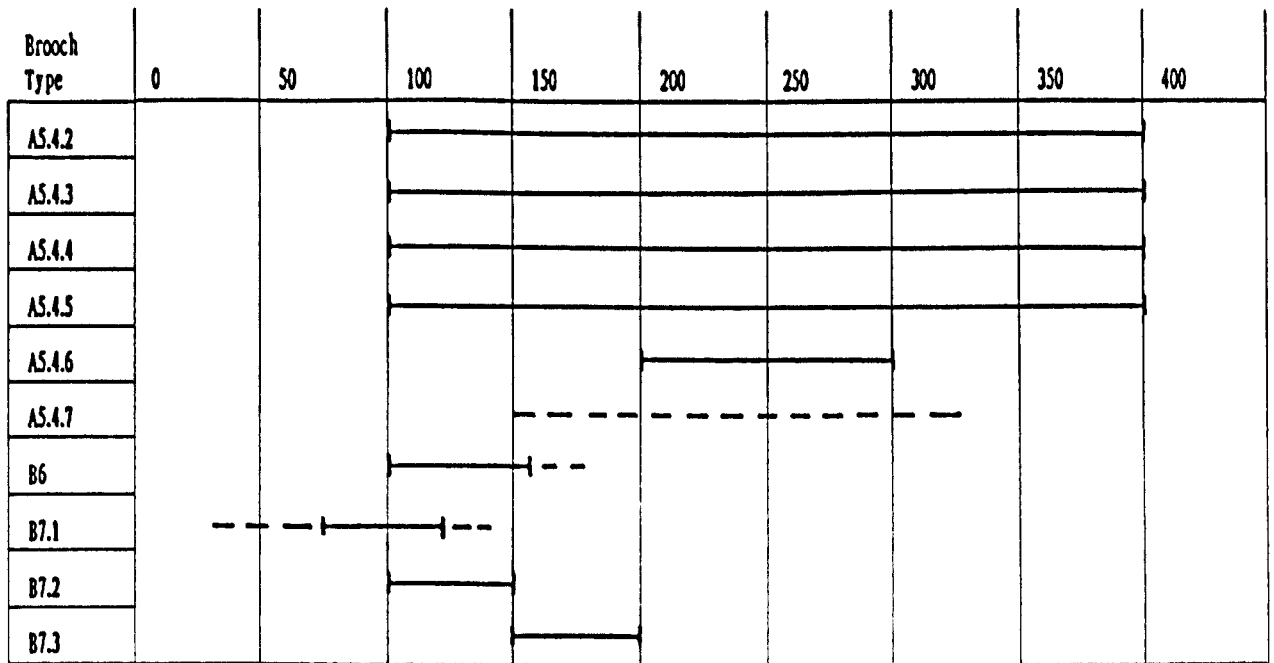
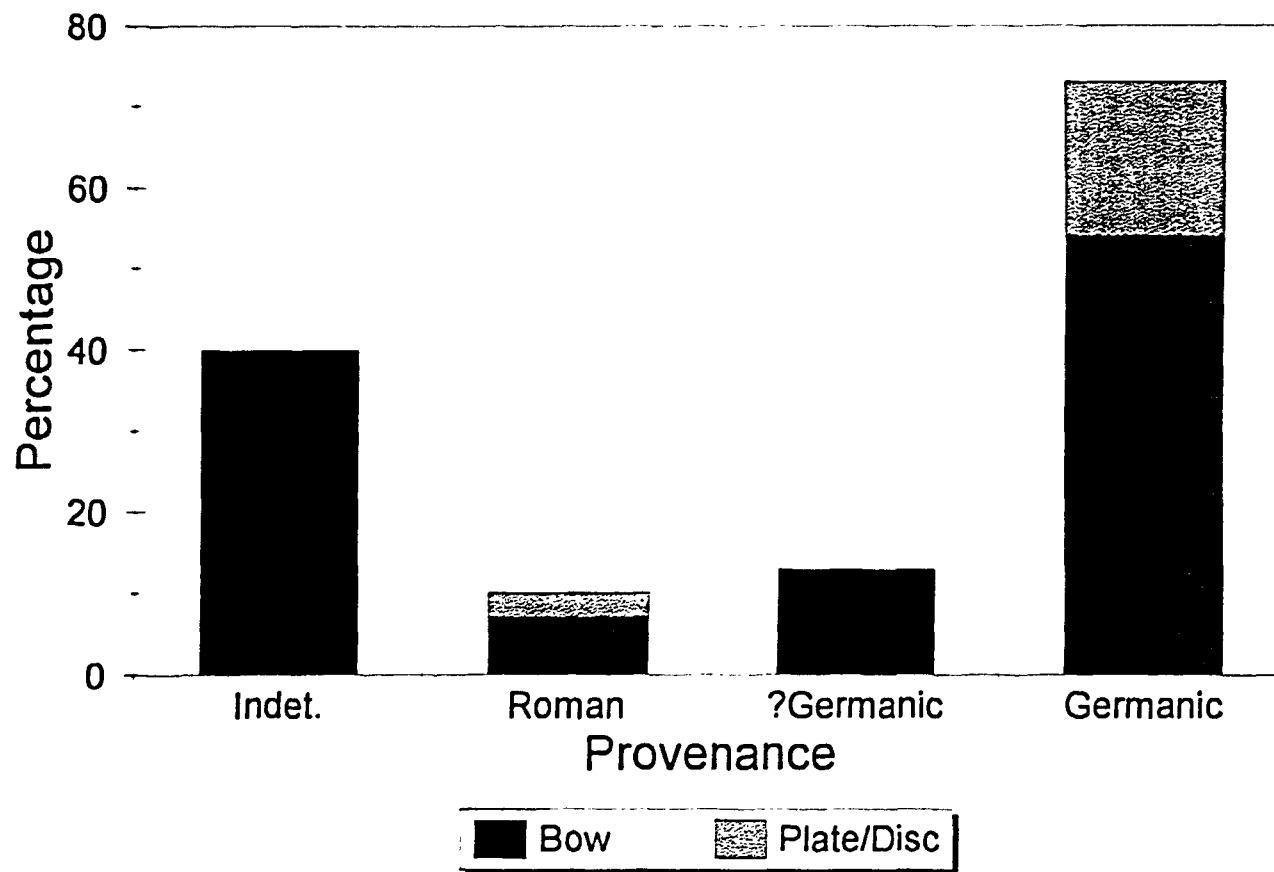


Figure 5.28 Chronology of Brooch Forms in the Study Area

**Figure 5.29 Provenance of Brooches
In The Study Area**



Context	Vessel Form	Stamp	Provenance and Date
A7 Gr.14	1.2	CEN.. (CENSORINUS or CENSOR)	La Madeleine
A22 Gr.51	1.2	CERIALIS	Rheinzabern (AD 150-250)
A22 Gr.74	1.2	C.C. SACRI	La Madeleine (AD 95-135)
A22 Gr.246	2.3	[L]OSSÆ	Trier
A35 Gr.1	1.2	unreadable	East Gaul
A35 Gr.2	1.2	COMITIA (retro: COMITIALIS)	Rheinzabern? (Antonine-early 3rdC)
A35 Gr.3	1.2	CNSOR.. (CENSORINUS, CNSORINF, CENSORINF)	

Table 5.1 Stamps on Terra Sigillata Vessels in the Study Area

Site	Grave	Colour/Decoration	Form	Date of Grave
A4	1 (i)	colourless	-	150-220
A8	2 (iv)	-	-	c. 200
A8	32 (i)	colourless	-	c. 140
A10	19 (i)	colourless with cobalt blue trails	beaker?	300-350
A10	20 (i)	colourless	-	end 2nd-3rdC
A22	Stray	colourless, wine harvest engraving and inscription: MERVEIFA VIVAS TUIS	complete beaker, Eggers Form 214	Late (Stufe C)
A22	1 (i)	colourless	-	90-200
A22	6 (i)	colourless with colourless trails	beaker?	250-300
A22	14 (i)	colourless	rim: beaker?	250-300
A22	21 (i)	green	vessel glass?	150-300
A22	24 (iii)	colourless	vessel glass?	100-150
A22	31 (ii)	green	vessel glass?	310-355
A22	33 (i)	colourless	-	250-300
A22	35 (i)	yellow-green	-	320-400
A22	36 (i)	colourless	-	350-400
A22	46 (i)	blue-green	-	150-300
A22	49 (i)	colourless	vessel glass?	200-300
A22	59 (i)	colourless	vessel glass?	240-300
A22	60 (iii)	colourless	vessel glass?	180-220

Table 5.2 Glass Vessels in the Study Area (Contd.)

Site	Grave	Colour/Decoration	Form	Date of Grave
A22	62 (i)	colourless with blue and white trails	beaker, Eggers Form 189?	180-200
A22	68 (i)	colourless	-	190-210
A22	69 (i)	colourless	vessel glass?	150-300
A22	80 (i)	colourless; green; yellow	more than 1 vessel	200-300
A22	87 (i)	green-blue	-	150-300
A22	95 (i)	green-blue	-	200-300
A22	125 (i)	green-blue	jug or storage jar/urn?	90-200
A22	214 (i)	blue-green	vessel glass?	100-200
A22	249 (i)	colourless	-	250-300
A22	254 (i)	colourless with lattice	cage-cup?	200-300
A22	264 (i)	opaque white?	-	270-350
A44	1 (iv)	yellow	ungentarium?	-
A56	10 (i)	turquoise blue	more than 1 vessel?	c. 200
A56	10 (i)	green-blue; 1 frag with lattice	rims from at least 2 vessels, inc. cage-cup?	c. 200
C36	- (i)	yellow	complete ungentarium	4thC?
C37	- (i)	green-blue with trails of white	complete ungentarium	4thC?

Table 5.2 Glass Vessels in the Study Area

Graves	Vessel Forms					Indet.	Other Grave Goods
	4	5	1	3	2		
A4 Gr.1 (2nd half 2nd-early 3rdC)						■	a. beaker Form 4.1 c. beaker Form 5 glass vessel
A7 Gr.8 (1st-early 2ndC)					▲		shield binding
A7 Gr.9 (1st-2ndC)			■				-
A8 Gr.2 (c.200+)		■					-
A8 Gr.4 (c.200+)	■	■			▼		a. beaker Form 4.2
A8 Gr.38 (end 2nd-beg.3rdC)						■	a. bowl Form 1.2; beaker Form 3
A8 Gr.39 (mid 2ndC)			■				a. bowl Form 1.2
A9 Gr.7 (1st half 2ndC)					▲▼		a. 2 bowls Form 1.2
A22 B	■						-
A22 Gr.1 (M: 90-200)					▼		a. bowl Form 1.2 d. flagon? glass vessel belt fittings
A22 Gr.4 (M: 250-300)						■	a. bowl Form 1.2 c. beaker Form 5
A22 Gr.5 (M: 250-300)						■	a. bowl Form 1.2 c. beaker Form 5.1
A22 Gr.6 (M: 250-300)						■	a. bowl Form 1.2 c. beaker Form 5.1 glass vessel
A22 Gr.13 (M: 90-200)					▲▼		a. bowl Form 1.5
A22 Gr.25 (M: 250-300)		■				■	a. bowl Form 1.5 c. beaker Form 5.1
A22 Gr.32 (M: 90-200)					▲		-
A22 Gr.41 (M: 250-300)						■	a. cup Form 3.2 c. beaker Form 5.1; beaker Form 2
A22 Gr.49 (W3: 200-300)					▼		glass vessel? belt fittings spearhead

Table 5.3 Combinations of Bronze Vessels in Graves in the Study Area (Contd.)

Graves	Vessel Forms						Indet.	Other Grave Goods
	4	5	1	3	2			
A22 Gr.53* (W3: 180-270)					I		c. beaker Form 5 belt fittings	
A22 Gr.57 (W3: 100-200)					▲▼		a. bowl Form 1.2 spearhead	
A22 Gr.62 (W3: 180-200)		I			▼		glass vessel scabbard fittings	
A22 Gr.67 (W3: 240-350)					I	I	a. bowl Form 1.3	
A22 Gr.69 (W3: 150-300)	I	I			▼		glass vessel	
A22 Gr.80* (W2: 200-300)	I	I			▼	I	a. 2 bowls Form 1.2 at least 1 glass vessel belt fittings	
A22 Gr.81 (W2: 180-220)						I (iron)	a. 1 or 2 bowls Form 1.2 scabbard fittings	
A22 Gr.84 (W2: 180-220)					▲▼		a. 2 bowl Form 1.2	
A22 Gr.85 (W2: 90-150)	I	I					c. beaker	
A22 Gr.87 (W2: 150-300)			I				a. bowl Form 1.2 glass vessel	
A22 Gr.94 (W2: 200-300)			II				a. bowl Form 1.2	
A22 Gr.95 (W2: 200-300)					▼		d. flagon glass vessel	
A22 Gr.104 (W3: 190-220)			I				a. bowl Form 1.2	
A22 Gr.121 (O: 100-200)		I?					-	
A22 Gr.124 (O: 90-200)			I		▲		belt or strap fittings?	
A22 Gr.125 (O: 90-200)			I				glass vessel	
A22 Gr.126 (O: 90-200)		I					-	
A22 Gr.130 (O:90-200)			I			I	a. bowl Form 1.2 shield fittings	

Table 5.3 Combinations of Bronze Vessels in Graves in the Study Area (Contd.)

Graves	Vessel Forms					Indet.	Other Grave Goods
	4	5	1	3	2		
A22 Gr.150 (O: 90-140)			I			I	a. bowl Form 1.2 shield fittings
A22 Gr.153 (O: 50-150)			I				-
A22 Gr.159 (O: 90-140)		I			▼		shield fittings
A22 Gr.161 (O: 150-220)					▼		a. bowl Form 1.2
A22 Gr.164 (O: 110-150)					▲▼		a. bowl Form 1.2 shield fittings spearhead
A22 Gr.169 (O: 100-150)			II		▲▼		-
A22 Gr.183 (O: 90-120)						I	shield fittings
A22 Gr.184 (O: 100-120)					▲		-
A22 Gr.185 (O: 100-150)	I						
A22 Gr.186 (O: 100-150)			I				-
A22 Gr.188 (O: 95-150)					▲▼	I	a. bowl Form 1.2
A22 Gr.194 (O: 100-150)					▲		a. bowl Form 1.2
A22 Gr.219 (O: 100-200)						I	a. bowl Form 1.2
A22 Gr.246 (W: 180-240)					▼	I	a. dish Form 2.3b c. beaker
A22 Gr.249 (M2: 250-300)						I	a. bowl Form 1.2 c. beaker Form 5.1 d. flagon? glass vessel
A22 Gr.253 (M: 90-150)						I	c. beaker d. flagon? belt fittings?

Table 5.3 Combinations of Bronze Vessels in Graves in the Study Area (Contd.)

Graves	Vessel Forms					Indet.	Other Grave Goods
	4	5	1	3	2		
A22 Gr.258 (M2: 180-240)					■		a. bowl Form 1.2
A22 GR.272 (M2: 240-270)					■	■	a. bowl Form 1.2 c. beaker d. flagon(s) glass vessel?
A29 Gr.1 (-) used as urn				■			-
A30 A Gr.1 (2ndC+)					▼		a. 2 bowls Form 1.2 belt fitting?
A38		■					-
A44 Gr.1 (-)		■					a. bowl Form 1.2
A65 Gr.1 (mid 2nd-3rdC)			■?				-
A68 Gr.1 (3rdC)		■?					a. bowl Form 1.2 c. beaker Form 4.2

Table 5.3 Combinations of Bronze Vessels in Graves in the Study Area
 * double burial, ■ 1 vessel, Form 2: ▲ dipper ▼ strainer, a. terra sigillata,
 c. colour-coated ware, d. smooth ware

Context	Material	Coin Type	Coin Date
A12 Gr.1 iv?	-	-	-
A12 Gr.1 iv?	coin or coins?	-	Gordian (mid 3rdC)
A22 Gr.35 i	Copper Alloy	Follis	Crispus (317-323)
A22 Gr.84 i	Silver	Denarius	Antoninus Pius & Marcus Aurelius (160-80)
A22 Gr.1 iv?	Copper Alloy	-	-
A40 iv	Copper Alloy	-	Nero
B5	-	Denarius	Volusianus (251-3)
C4 i	Copper Alloy	2 Solidi	Constantius II (353*)
C4 iv	Copper Alloy	-	Nerva (96-8)
C6 iv?	Silver	Antoninianus	Gallienus (beg. 266-mid 267*)
C6 iv?	-	2	-
C15 iv	Gold	-	Nerva (96-8)
C18 iv	-	several coins	-
C19 iv	-	-	-
C43 i	Copper Alloy	-	Diocletian (284-305)
C44 i	Gold	Solidus	Constantinus II (337*)
C44 i	Gold	Solidus	Constans (343*)
C44 i	Gold	Solidus	Constantius II (337*)
C44 i	Gold	Solidus	Constantius II (343*)
C44 i	Gold	Solidus	Constantius Gallus (353*)
C44 i	Gold	2 Solidi	Magnentius (350*)
C44 i	Gold	Solidus	Magnentius (351*)

Table 5.4 Coins in the Study Area (Contd.)
 (* = mint date)

Context	Material	Coin Type	Coin Date
C44 i	Gold	Solidus	Magnentius (353*)
C44 i	Gold	Solidus	Decentius (351*)
C44 i	Gold	Solidus	Decentius (353*)
C45 iv?	-	As	M. Maccilius Tullus (7BC*)
C46 i?	-	Denarius	Septimus Severus (198-9*)

Table 5.4 Coins in the Study Area
 (* = mint date)

Graves	Shield	Spear	Scabbard	Belt	Horse Gear	Belt/ Horse Gear	Other
A6 Gr.2 (-)		■					Sword
A7 Gr.8 (1st-2ndC)	■						
A8 Gr.3 (200+)							
A8 Gr.54 (beg.2ndC)	■						
A9 Gr.5 (end 1st-early 2ndC)	■						
A9 Gr.6 (1st half 2ndC)	■						
A12 OF 1 (-)							Axe + <i>Heppe</i>
A18 Gr.1 (1st half 2nd)	■			■			
A22 Gr.1 (M: 90-200)				■			
A22 Gr.7 (M: 100-300)				■			
A22 Gr.25 (M: 250-300)					■		
A22 Gr.36 (M: 350-400)				◆			
A22 Gr.37 (M: -)							Slingshot?
A22 Gr.49 (W3: 200-300)				■			Arrowhead?
A22 Gr.51 (W3: 150-250)				■			
A22 Gr.52* (W3: 250-300)			■			■	
A22 Gr.53* (W3: 180-270)				■			
A22 Gr.55 (W3: 180-270)			■	■			
A22 Gr.62 (W3: 180-200)			■				

Table 5.5 Militaria. Identifiable Artefacts in the Study Area (Contd.)

Graves	Shield	Spear	Scabbard	Belt	Horse Gear	Belt/ Horse Gear	Other
A22 Gr.64 (W3: 190-210)							
A22 Gr.71 (W3: 180-300)				◆			
A22 Gr.73 (W3: 180-270)			■				
A22 Gr.78 (W3: 140-160)	■						
A22 Gr.80* (W2: 200-300)				◆			
A22 Gr.81 (W2: 180-220)			◆				
A22 Gr.83 (W2: 175-300)					■		
A22 Gr.102 (W3: 180-240)	◆					■	
A22 Gr.107 (O: 90-150)	■						
A22 Gr.108 (O: 100-150)				◆			
A22 Gr.109 (O: 90-140)	■			■			
A22 Gr.115 (O: 90-140)	■						
A22 Gr.124 (O: 90-200)				◆			
A22 Gr.130 (O: 90-200)	◆						
A22 Gr.136 (O: 90-120)	◆						
A22 Gr.150 (O: 90-140)	■						
A22 Gr.156 (O: 90-120)	◆						
A22 Gr.159 (O: 90-140)	◆						
A22 Gr.160* (O: 90-140)	◆						Horse

Table 5.5 Militaria. Identifiable Artefacts in the Study Area (Contd.)

Graves	Shield	Spear	Scabbard	Belt	Horse Gear	Belt/ Belt Gear	Other
A22 Gr.164 (O: 110-150)	◆	■		■			
A22 Gr.175 (O: 90-120)	◆						
A22 Gr.183 (O: 90-120)	◆						
A22 Gr.186 (O: 100-150)							
A22 Gr.187 (O: 90-120)	◆						
A22 Gr.188 (O: 95-150)					■		
A22 Gr.192 (O: 90-140)	■						
A22 Gr.193 (O: 90-120)	◆						
A22 Gr.217 (O: 100-200)	◆						
A22 Gr.225 (O: 100-200)					◆		
A22 Gr.234 (O: 175-240)	◆						
A22 Gr.235 (S: 180-200)				■			
A22 Gr.251 (M2: 250-300)				■			
A22 Gr.253 (N: 90-150)				■			Horse's tooth
A22 Gr.258 (M2: 180-240)				■			
A22 Gr.261 (S: 100-150)					◆		
A22 Gr.270 (W: 150-200)				◆			
A30 A Gr.1 (2ndC+)				■			
A34 Gr.1 (-)	■						

Table 5.5 Militaria. Identifiable Artefacts in the Study Area (Contd.)

Graves	Shield	Spear	Scabbard	Belt	Horse Gear	Belt/ Horse Gear	Other
A38 (3rdC?)					◆		
A44 Gr.1 (-)		■					
A53 Gr.1 (end 1st-2ndC)		■					
A55 (2nd-3rdC)				◆			

Table 5.5 Militaria. Identifiable Artefacts in the Study Area
 ■ one artefact; ◆ more than one artefact

Graves	Thimble-shaped nails	Flat-headed nails	Handgrip	Handgrip nails	Shield rim binding	Boss	Other
A7 Gr.8 (1st-2ndC)					◆		
A8 Gr.54 (beg. 2ndC)			Zieling 13				
A9 Gr.5 (end 1st- early 2ndC)	◆						
A9 Gr.6 (1st half 2ndC)	◆						
A18 Gr.1 (1st half 2ndC)							◆
A22 Gr.78 (W3: 140-160)							◆
A22 Gr.102 (W3: 180-240)	◆	◆					◆
A22 Gr.107 (O: 90-150)			<i>Jahn Sonderf.</i> Zieling E2				
A22 Gr.109 (O: 90-140)			◆				
A22 Gr.115 (O: 90-140)			◆				
A22 Gr.130 (O: 90-200)	◆			◆	◆		◆
A22 Gr.136 (O: 90-120)	◆		◆	◆			
A22 Gr.150 (O: 90-140)			◆				
A22 Gr.156 (O: 90-120)	◆						◆
A22 Gr.159 (O: 90-140)	◆	◆	◆	◆	◆	◆	
A22 Gr.160* (O: 90-140)	◆	◆					
A22 Gr.164 (O: 110-150)		◆	◆		◆		
A22 Gr.175 (O: 90-120)	◆				◆		◆

Table 5.6 Shield Fittings in Graves in the Study Area (Contd.)

	Pig	Horse	Indet.	Other
A8 Gr.13 (male)			■	
A8 Gr.17 (male)			■	
A8 Gr.19 (female)			■	
A8 Gr.20 (male)	■			
A8 Gr.28 (male)			■	
A8 Gr.42 (adult+ child)			■	
A8 Gr.48 (male)			■	
A8 Gr.54 (female)			■	
A11 Gr.3			■ rib	
A12 F Gr.1	■ teeth			
A12 F Gr.3	■ teeth	■		
A22 Gr.18	■ pelvis			
A22 Gr.24		■ ■ pelvis femur tibia jaw		
A22 Gr.27	■ humerus			
A22 Gr.29 (adult)	■			
A22 Gr.30 (child)	■ femur			
A22 Gr.35	■ radius, ulna			
A22 Gr.36			■	
A22 Gr.53 (male+ female?)	■ radius			
A22 Gr.75	■ tibia			

Table 5.7 Animal Bone in Graves in the Study Area (Contd.)

	Pig	Horse	Indet.	Other
A22 Gr.80 (male+ child+ adult)	■ humerus			pine marten or otter
A22 Gr.87 (infant)	■ radius			
A22 Gr.137	■ pelvis			
A22 Gr.143	■ vertebra			
A22 Gr.160 (male+ child)		■?tibia, pelvis		or cow?
A22 Gr.167	■ pelvis			
A22 Gr.168 (child)	■ pelvis			
A22 Gr.174	■ radius			
A22 Gr.182	■ radius			
A22 Gr.183 (child)	■ radius			
A22 Gr.200	■ pelvis			
A22 Gr.247		■jaw,leg, skull		
A22 Gr.254 (adult+ adult: females?)	■ jaw			

Table 5.7 Animal Bone in Graves in the Study Area



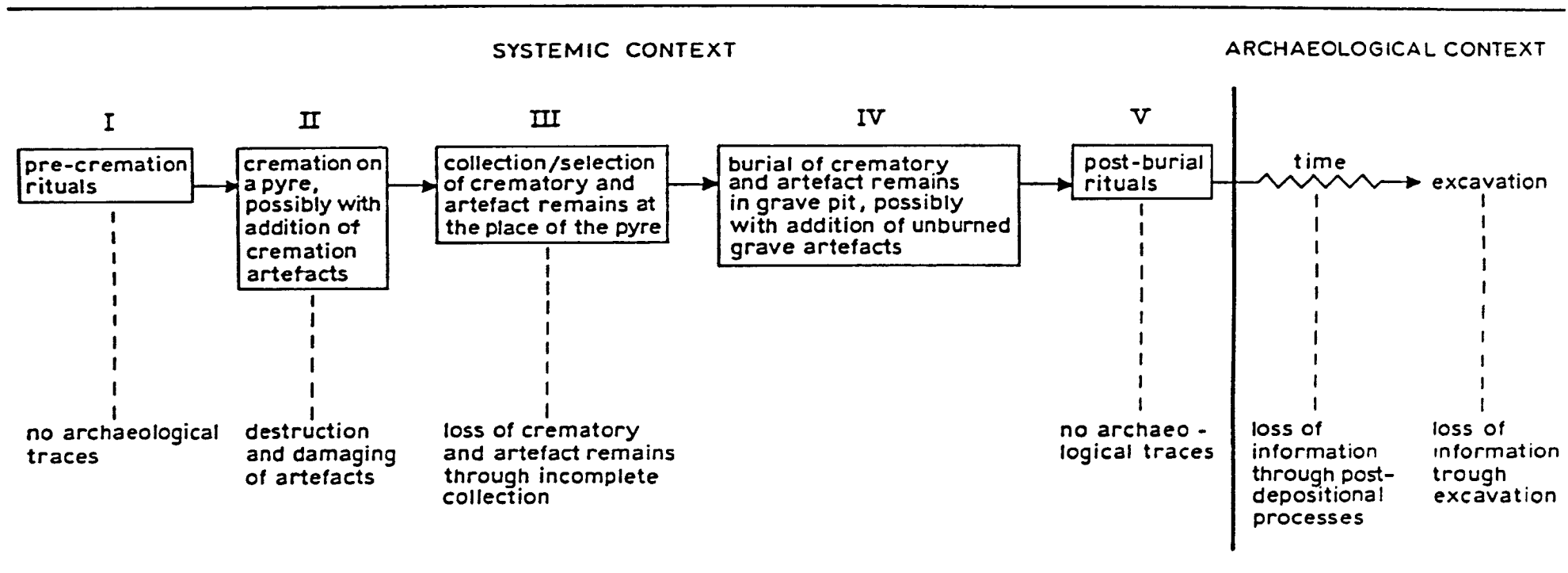


Figure 6.1 Schema of the Crematory Ritual in North Gaul in the Late La Tène Period (Roymans 1990, Fig. 9.2)
 The text in the lower half of the figure indicates the potential archaeological information lost.

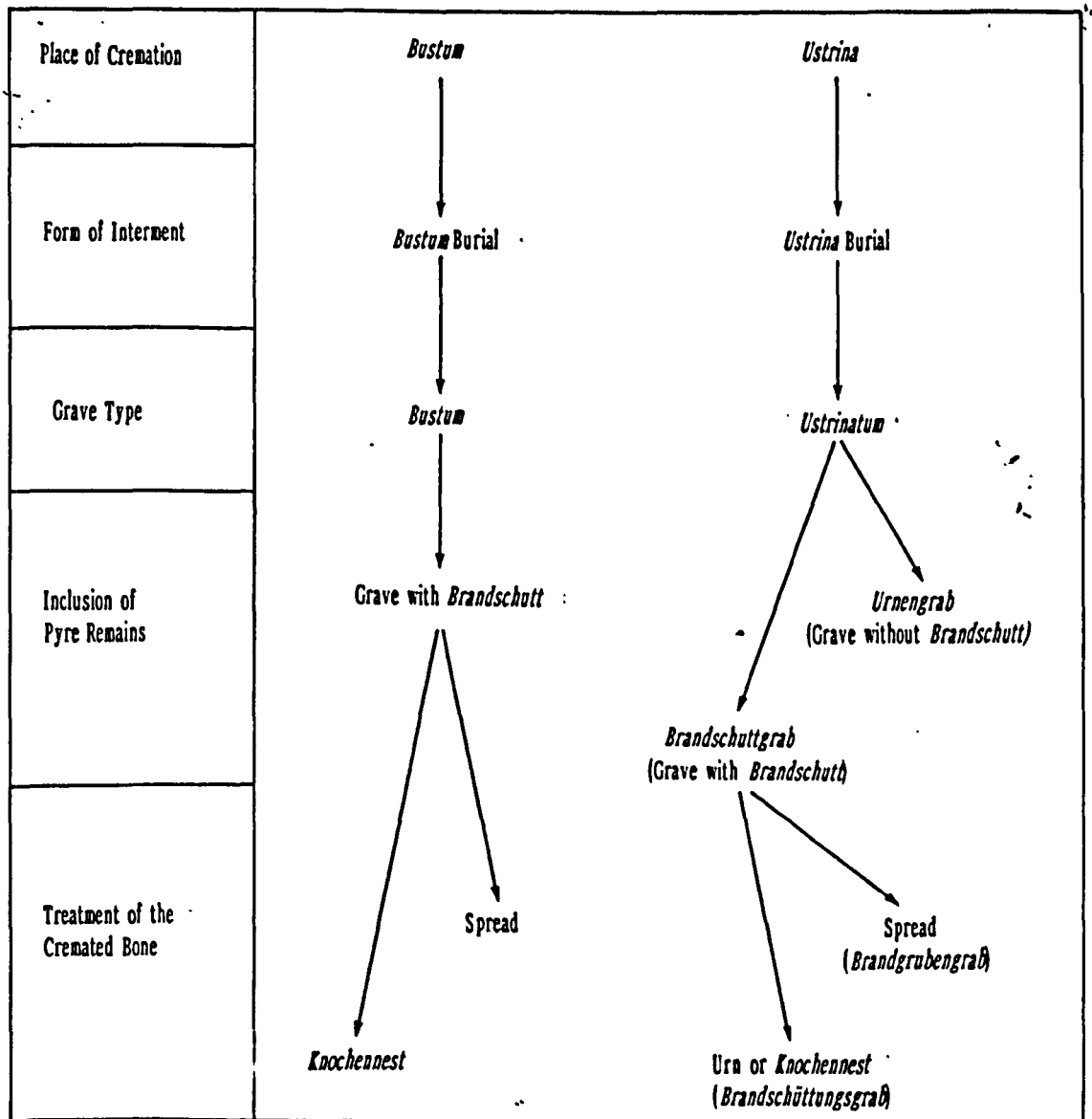
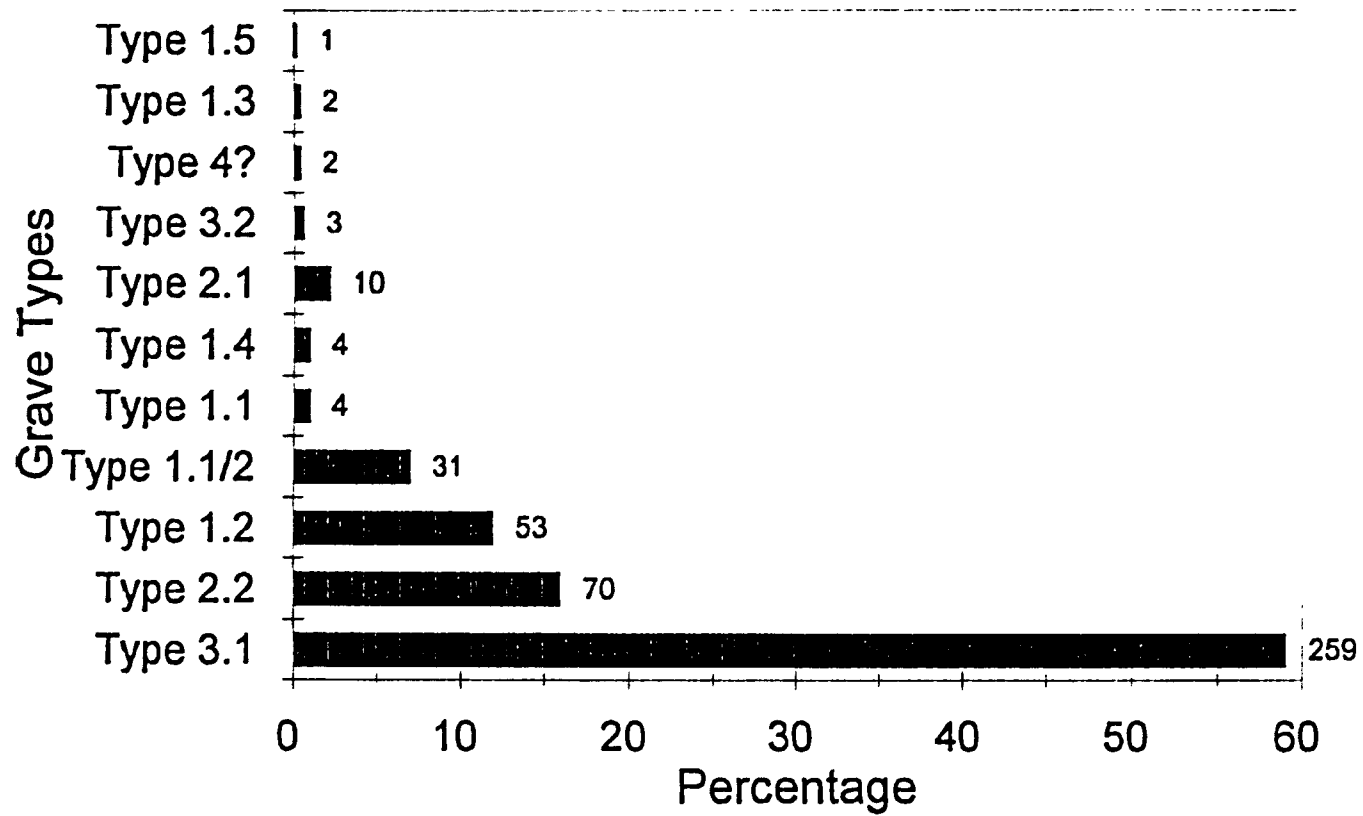


Figure 6.2 Overview of Terminology For Provincial Roman Cremations (Translated from Bechert 1980, 256)

Figure 6.3 Grave Types in Study Area

(Total=439: indet. not included)



**Figure 6.4 Grave Types
in Rheindorf, A22 (Total = 273)**

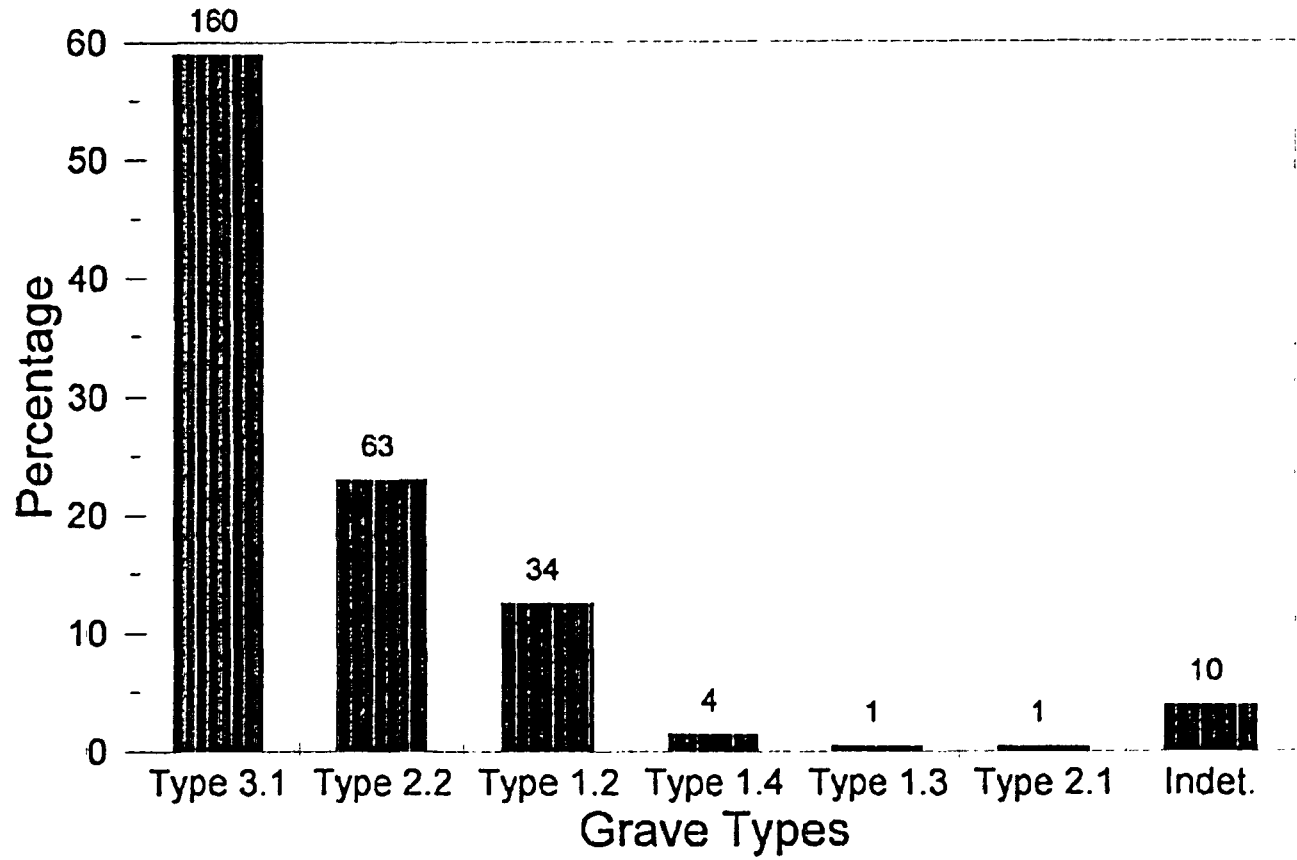
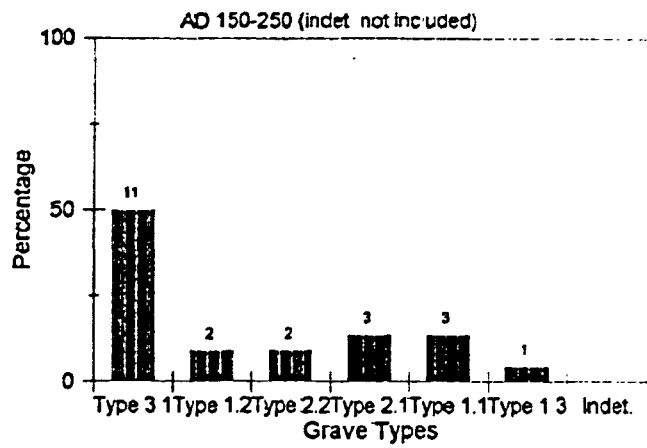
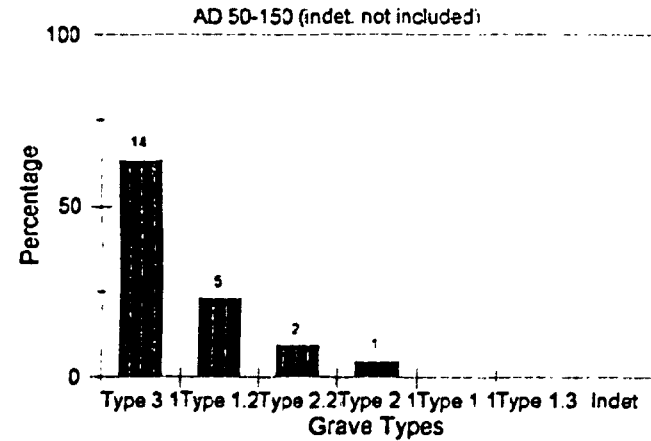
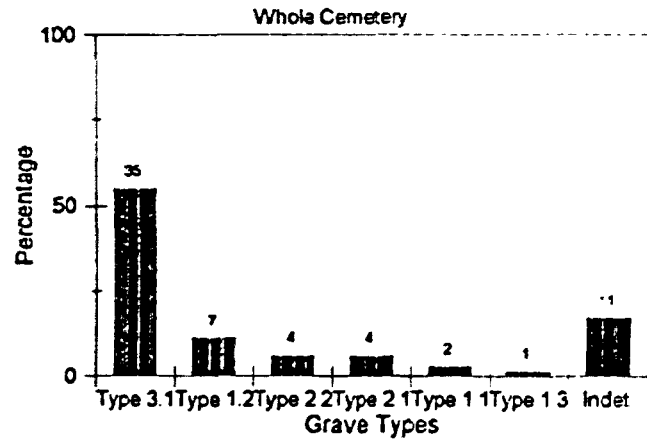


Figure 6.5 Grave Types in Troisdorf, A8 (Total = 64)



**Figure 6.6 Grave Types
in Rosrath-Hasbach, A10 (Total=21)**

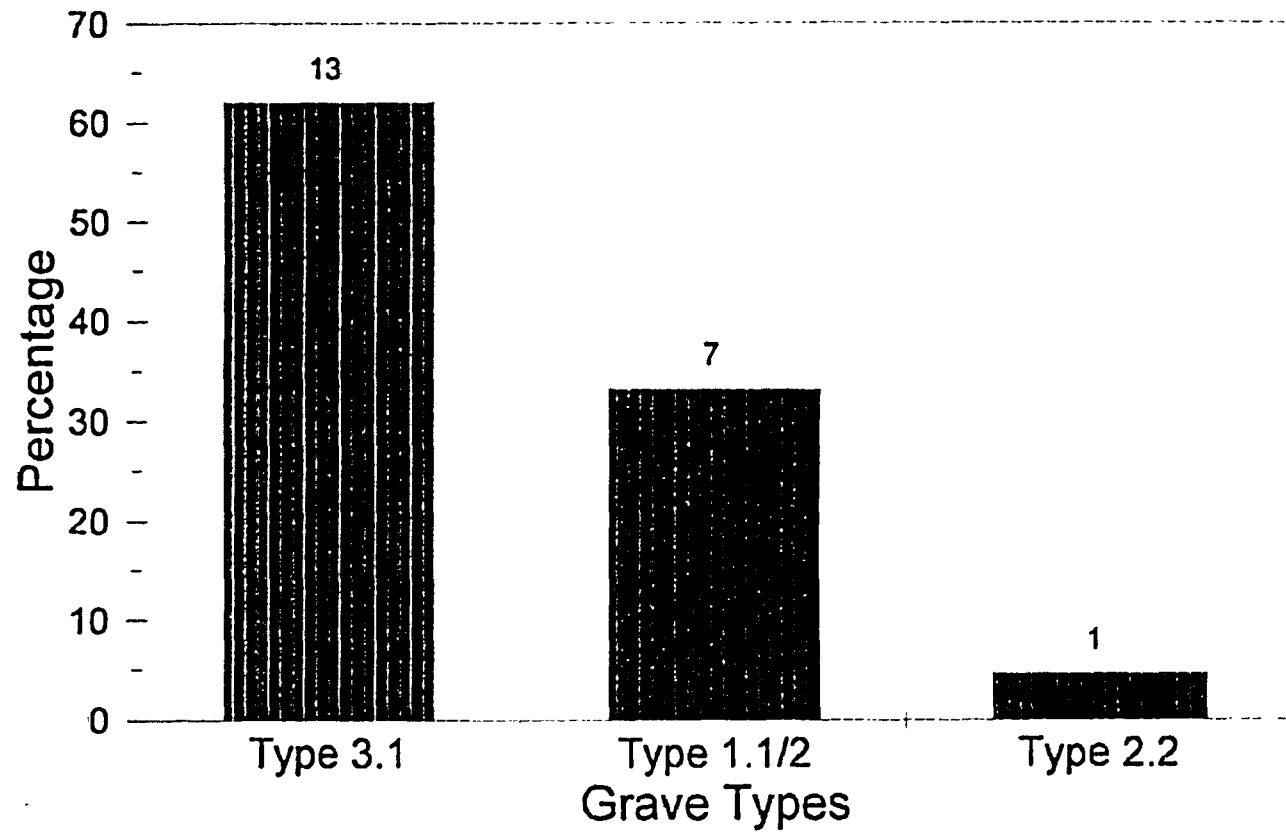
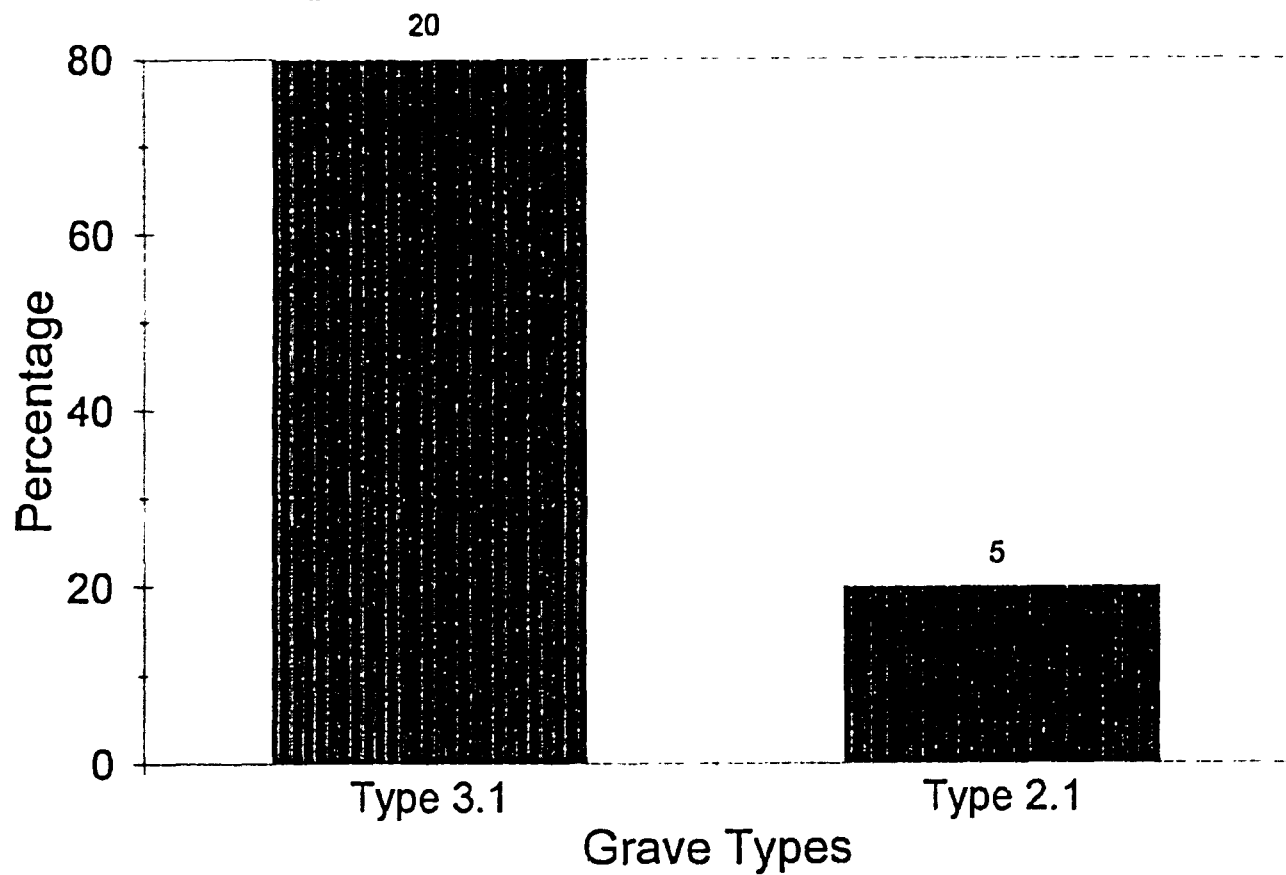


Figure 6.7 Grave Types in Bergisch Gladbach, A18 (Total=25)



**Figure 6.8 Grave Types in
Duisburg-Ehingen, A56 (Total=18)**

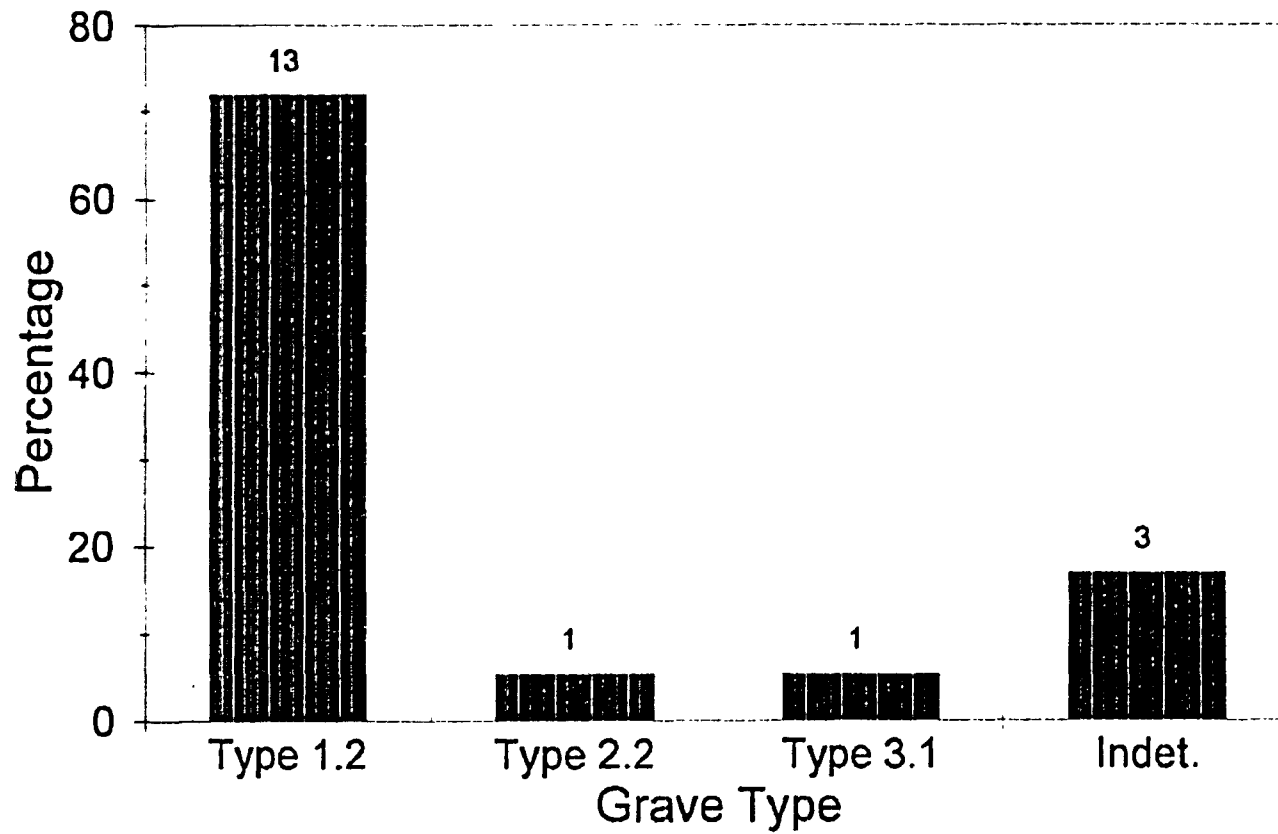


Figure 6.9 Grave Types in Study Area: Chronological Development

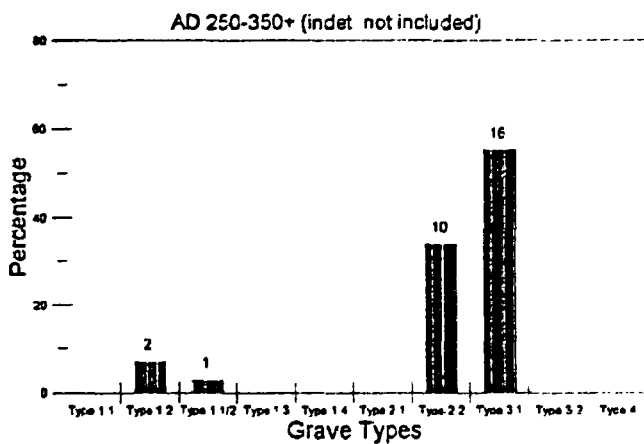
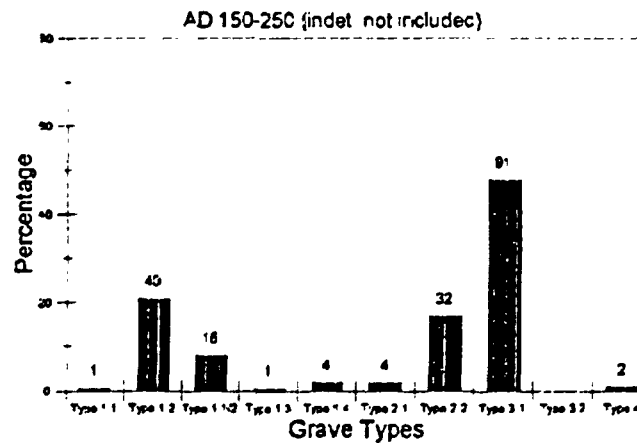
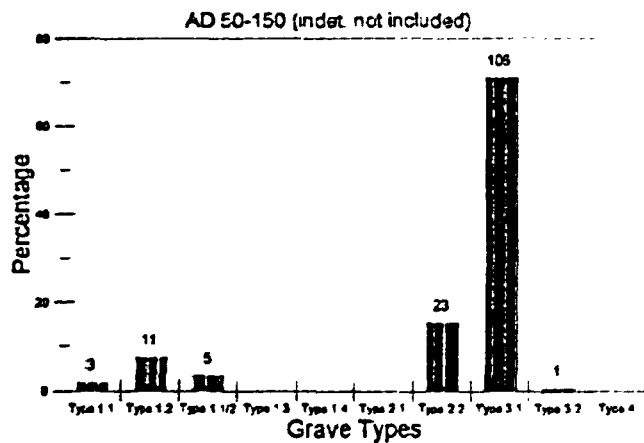
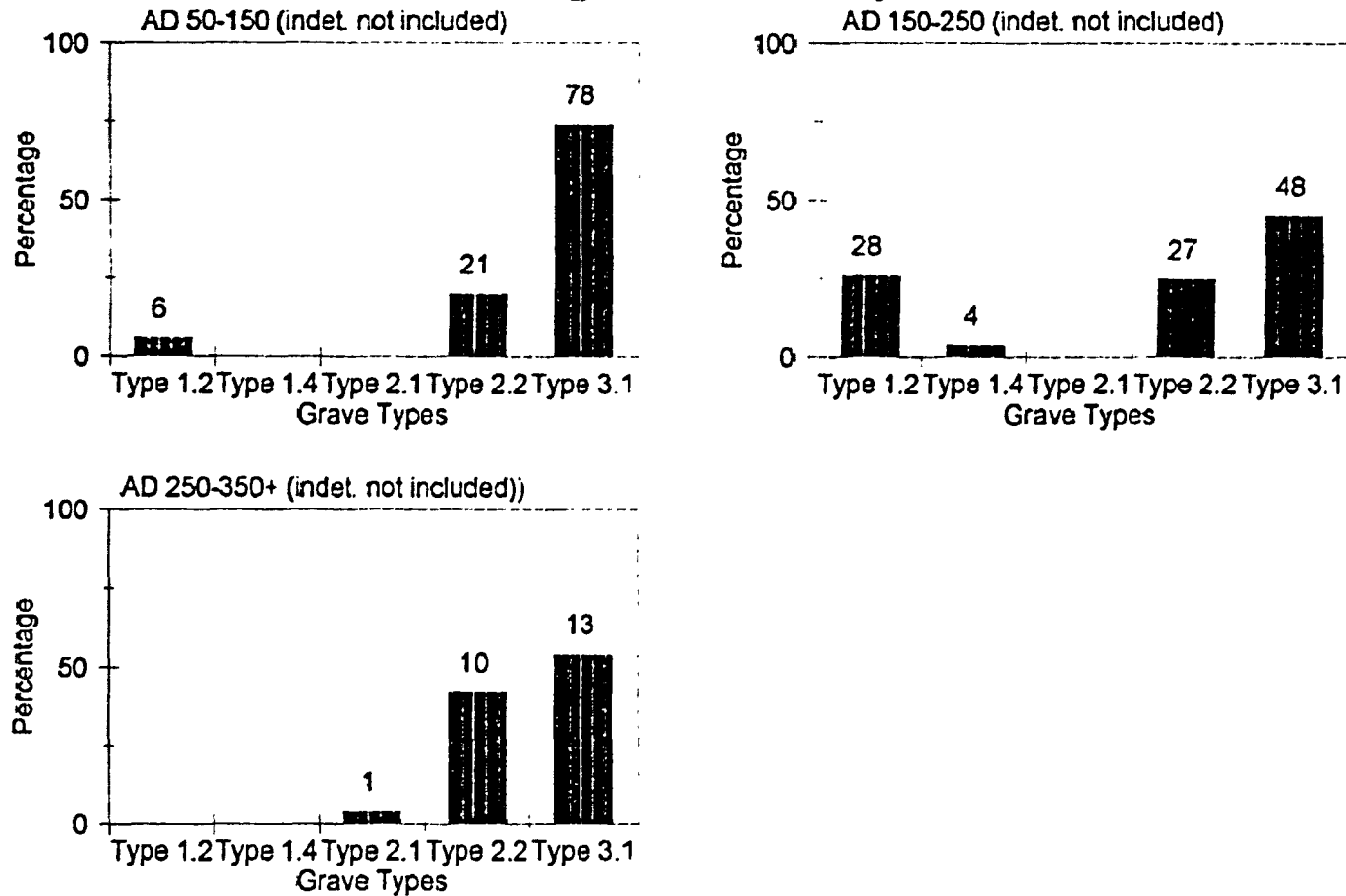
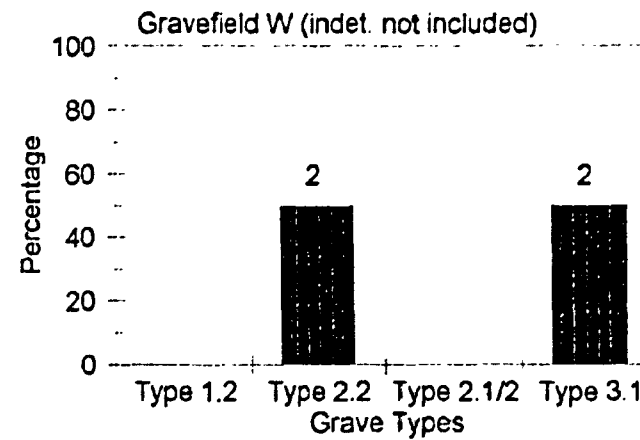
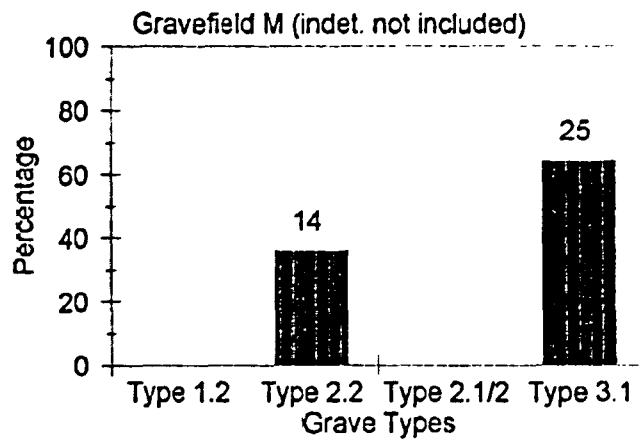
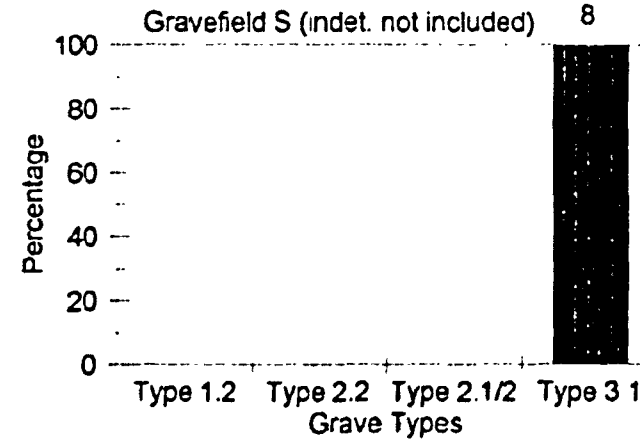
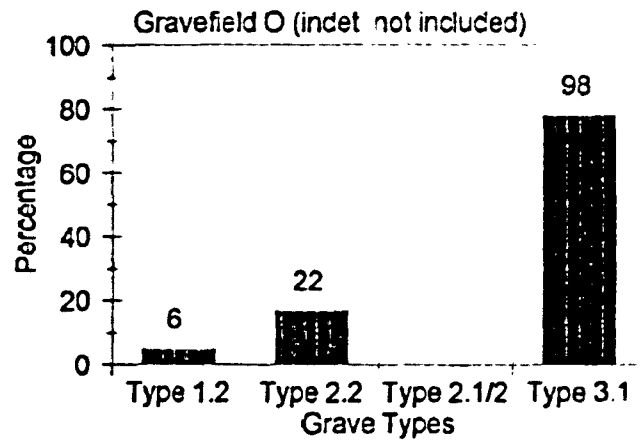


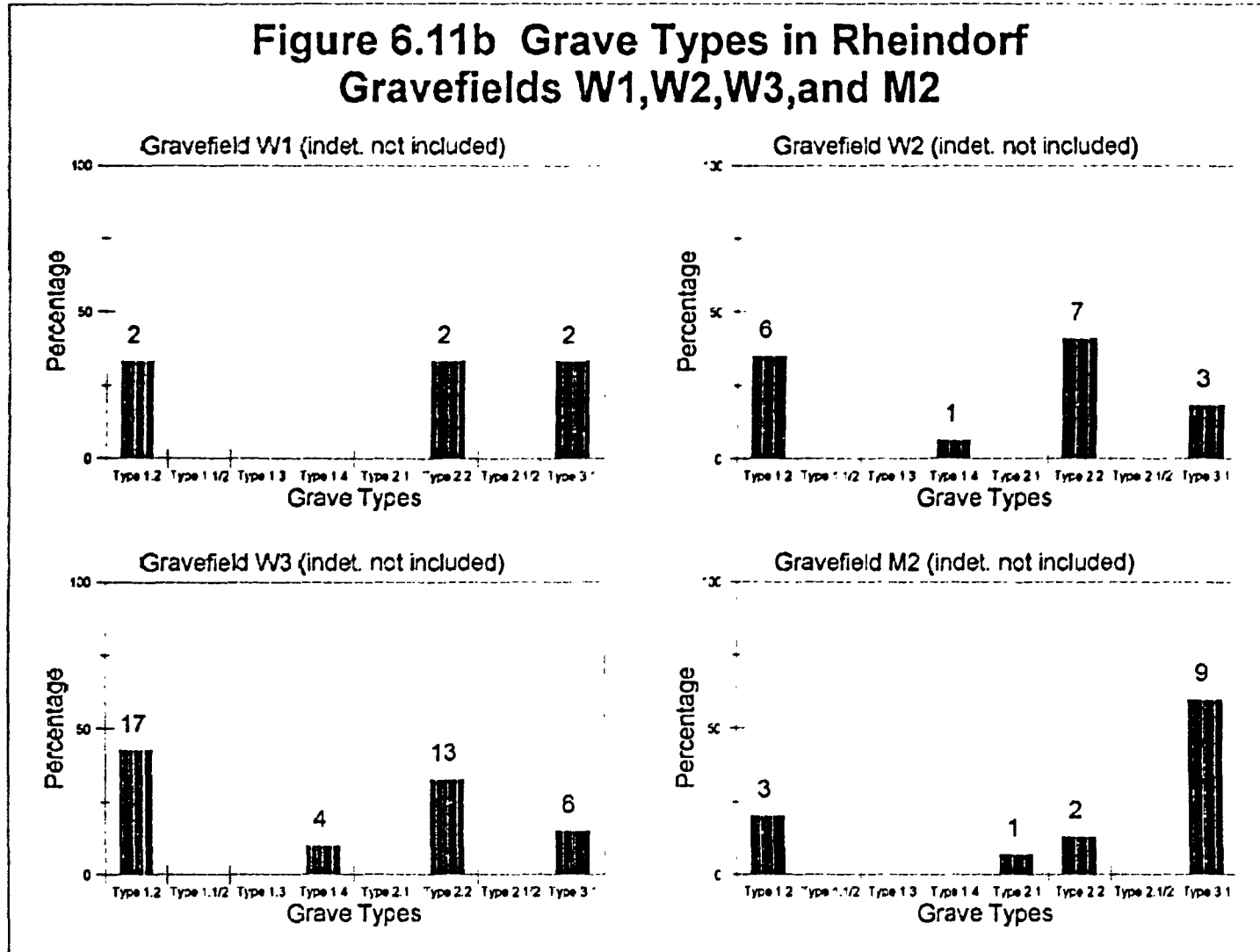
Figure 6.10 Grave Types in Rheindorf: Chronological Development



**Figure 6.11a Grave Types in Rheindorf
Gravefields O, S, M, and W**



**Figure 6.11b Grave Types in Rheindorf
Gravefields W1,W2,W3,and M2**



		Grave Types						
		1.1	1.2	1.1/2	1.3	1.4	1.5	%
Vessel Forms	Germanic							71
	Form I		5 (1)	2				8
	Form I/II		1	2				3
	Form II		16 (1+1*)	6		2		26
	Form III		4 (1)					4
	Form IV		2	1 (1*)				3
	Form V	3	5 (1)	1	1	2		13
	Form VI		1					1
	<i>Sonderf.</i>	1						1
	Indet.	1	4	6				12
	Roman							26
	Terra sigillata Form 2.2		4 (2+1*)	8	(1)		1	14
	Terra sigillata Form 2.5		1					1
	Terra Nigra Jars		1	1				2
	Colour-coated beakers		2	1				3
	Oelmann 89		3 (1*)					3
	Oelmann 104		1					1
	Coarse ware bowl			1				1
	Chenet 242			1				1
	Bronze vessel			1				1
	Wooden box		1					1

Table 6.1 *Ossuaria* Within the Urn Graves (Total = 94)
 Numbers in brackets indicate vessels covering urn (lids). An asterik (*) indicates complete vessels.

	Grave Types					
	1.1 (2)	1.2 (5)	1.3 (1)	2.1 (4)	2.2 (4)	3.1 (32)
Average weight per grave	604.5g	403.2g	224g	385g	254g	184.8g
lowest/highest weight per form	279g/ 930g	56g/ 590g	-/ -	51g/ 790g	81g/ 535g	7g/ 580g

Table 6.2 Troisdorf (A8): Average Weight of Cremated Remains Per Grave Type
The numbers in brackets represent total graves per grave type (Total=53 graves).

	Grave Type					
	1.2 (\bar{o} =13)	1.3 (\bar{o} =1)	1.4 (\bar{o} =2)	2.1 (\bar{o} =1)	2.2 (\bar{o} =34)	3.1 (\bar{o} =64)
Average weight per grave	312g	4g	122g	384g	89.8g	37.9g
lowest/highest weight per form	1g/ 1366g	-/ -	5g/ 239g	-/ -	2g/ 1008g	1g/ 690g

Table 6.3 Rheindorf (A22): Average Weight of Cremated Remains Per Grave Type
The numbers in brackets represent total graves per grave type (Total = 115 graves).



Figure 7.1 Roman Period Findspots North and South of the Limes in the Central Part of the Netherlands (source: Archis/ROB, the Netherlands) Scale: 1:750 000. Background: indicative map of suitability for pre- and early historic occupation.

cemetery settlement

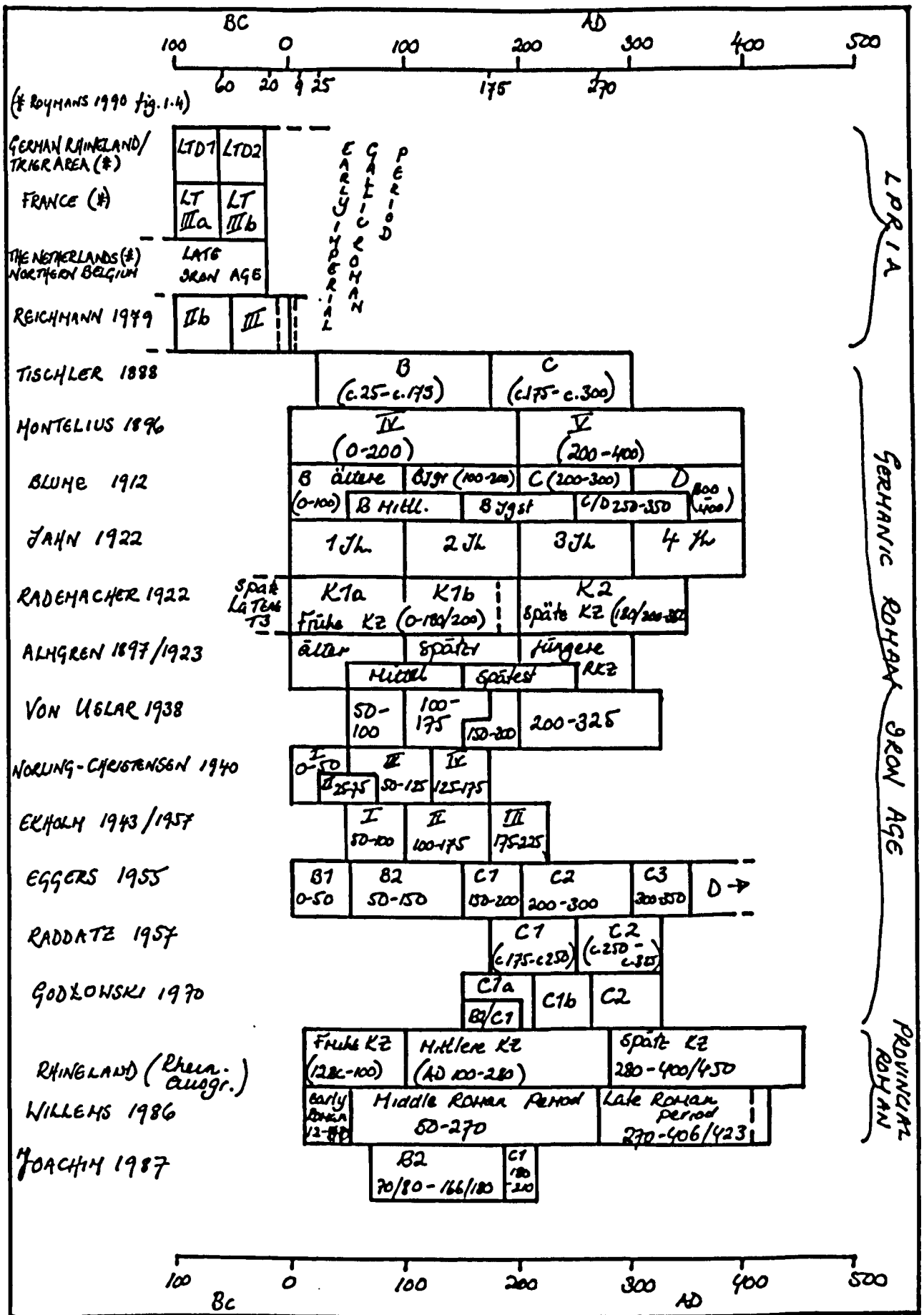


Figure 8.1 Schema for the Absolute Chronology of the Late Iron Age and Roman Period According to Various Authors (* Roymans 1990, fig. 1.4).

Figure 8.2 Distribution Map of Sites and Findspots (Phase 2): End of the First - First Half of the Second Century AD (also included are Augustan period sites of Phase 1)

I Burial Site ● Settlement Site x Findspot Stray, Isolated
◆ Augustan Site

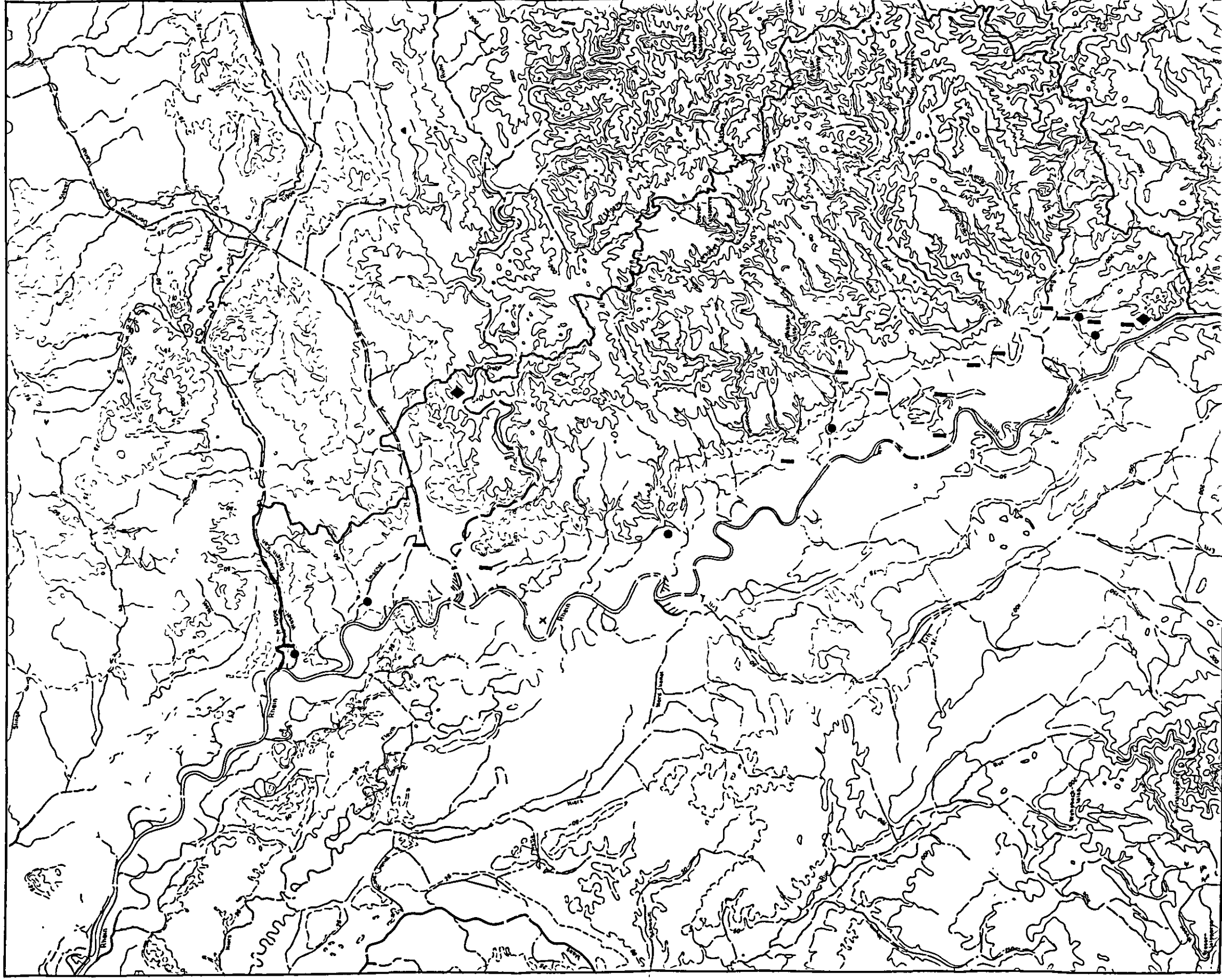


Figure 8.3 Distribution Map of Sites and Findspots (Phase 3): Second Half of the Second - Third Quarter of the Third Century AD

I Burial Site ● Settlement Site x Isolated, Stray Findspot

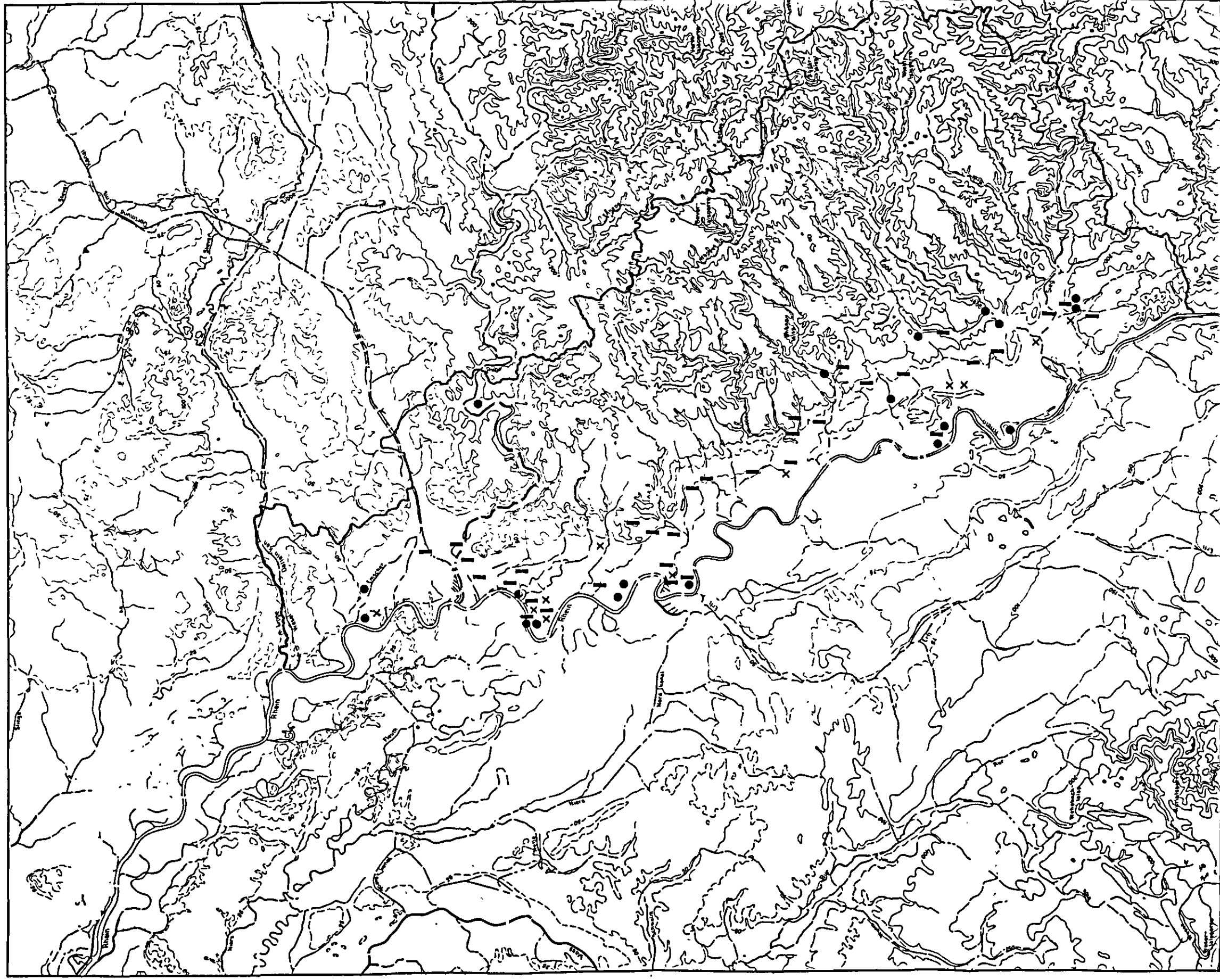
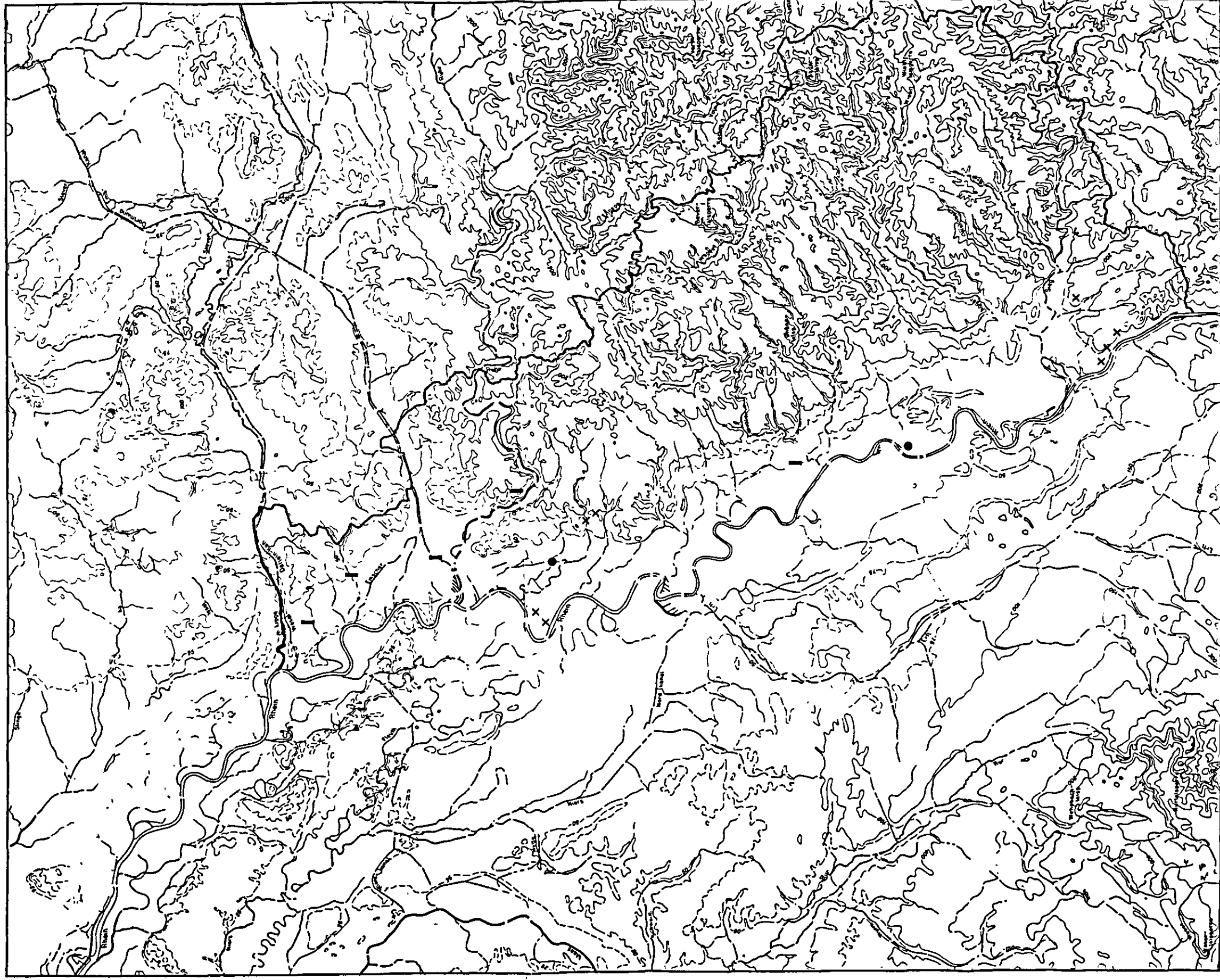


Figure 8.4 Distribution Map of Sites and Findspots (Phase 4): Last Quarter of the Third - Fourth Century AD

┆ Burial Site ● Settlement Site x Stray, Isolated Findspot



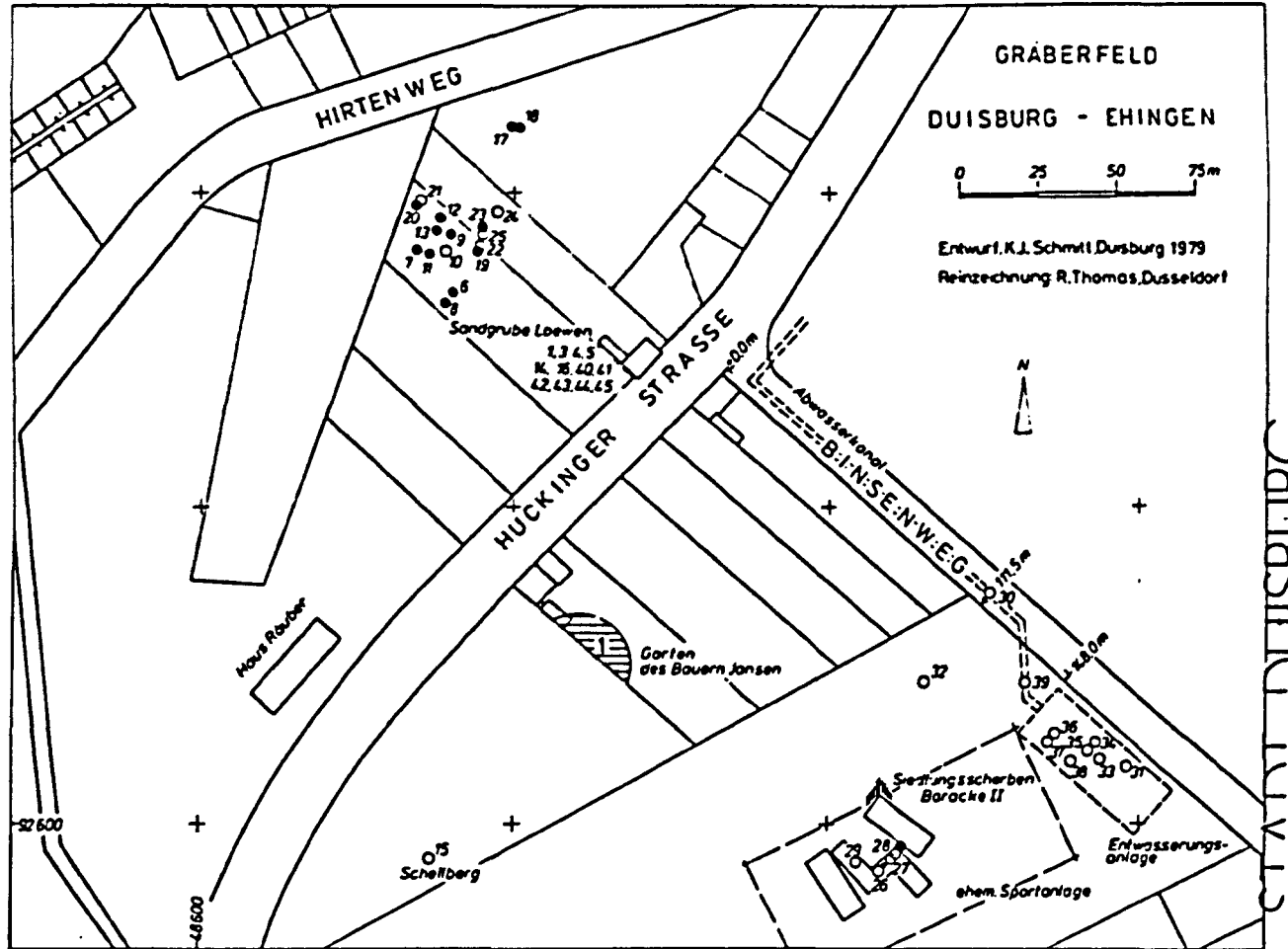


Figure 8.5 Plan of Excavation: Duisburg-Ehingen, A56
(Krause 1982, Abb.5)

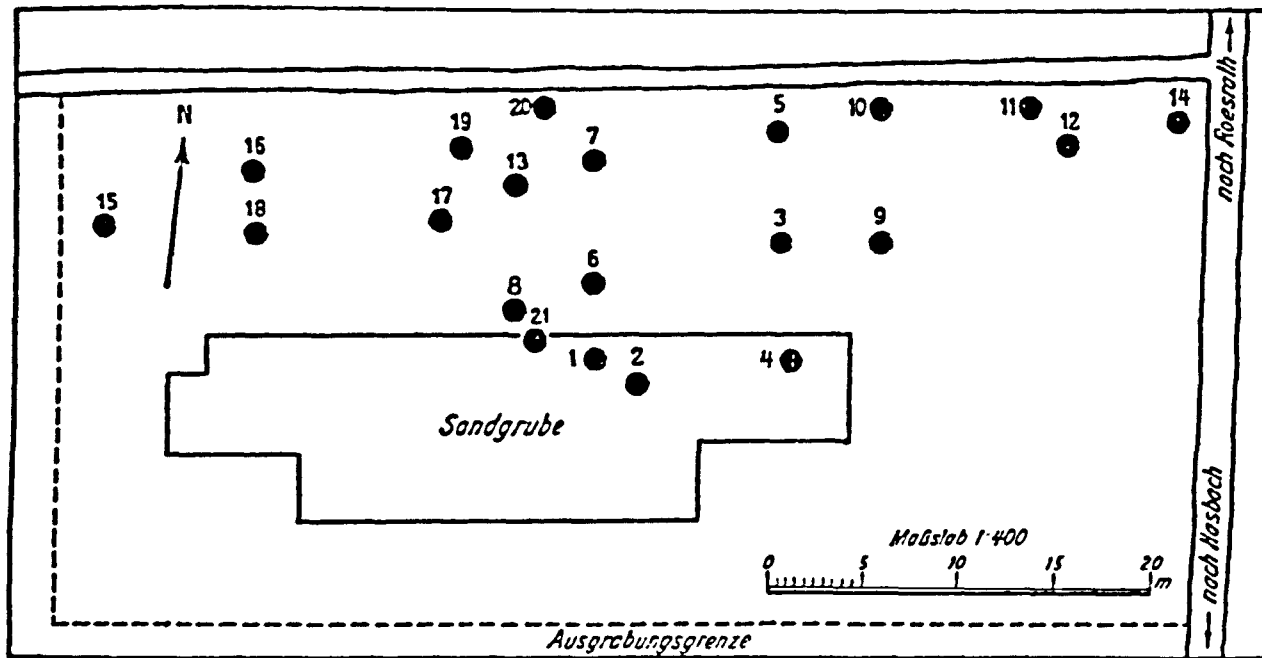


Figure 8.6 Plan of Excavation: Rösrath-Hasbach, A10
 Scale 1:400 (von Uslar 1938, Abb.6)

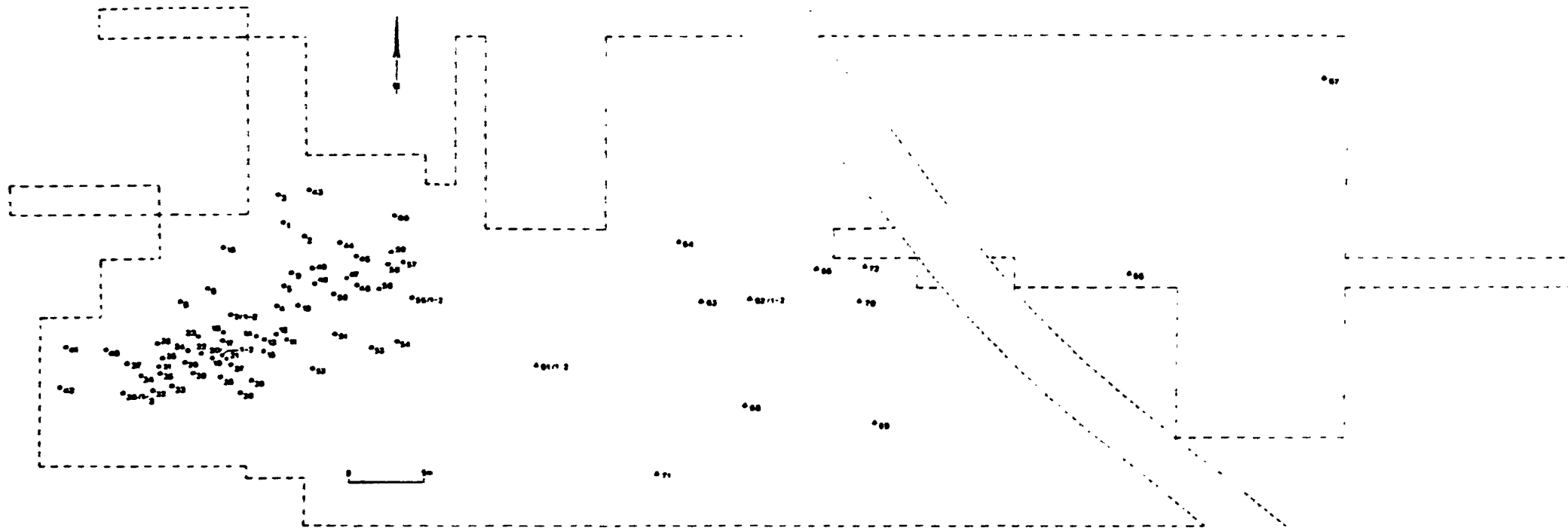
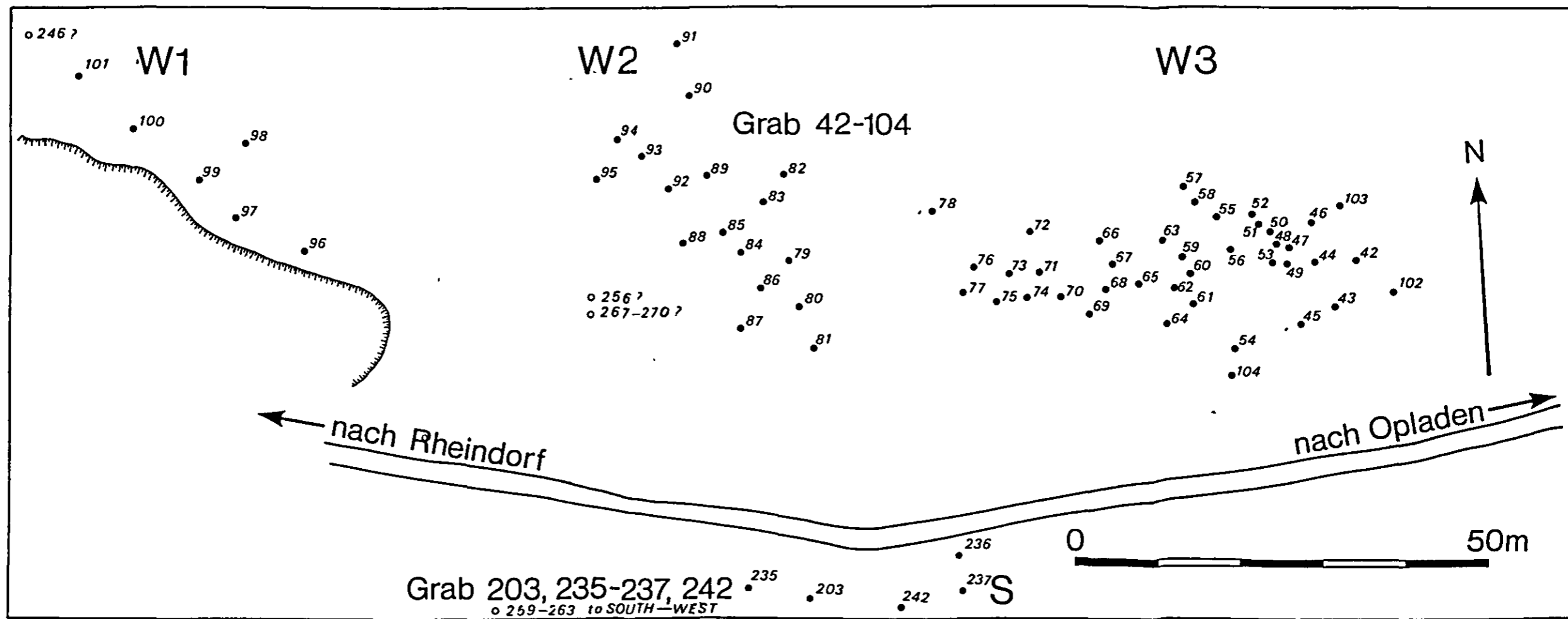
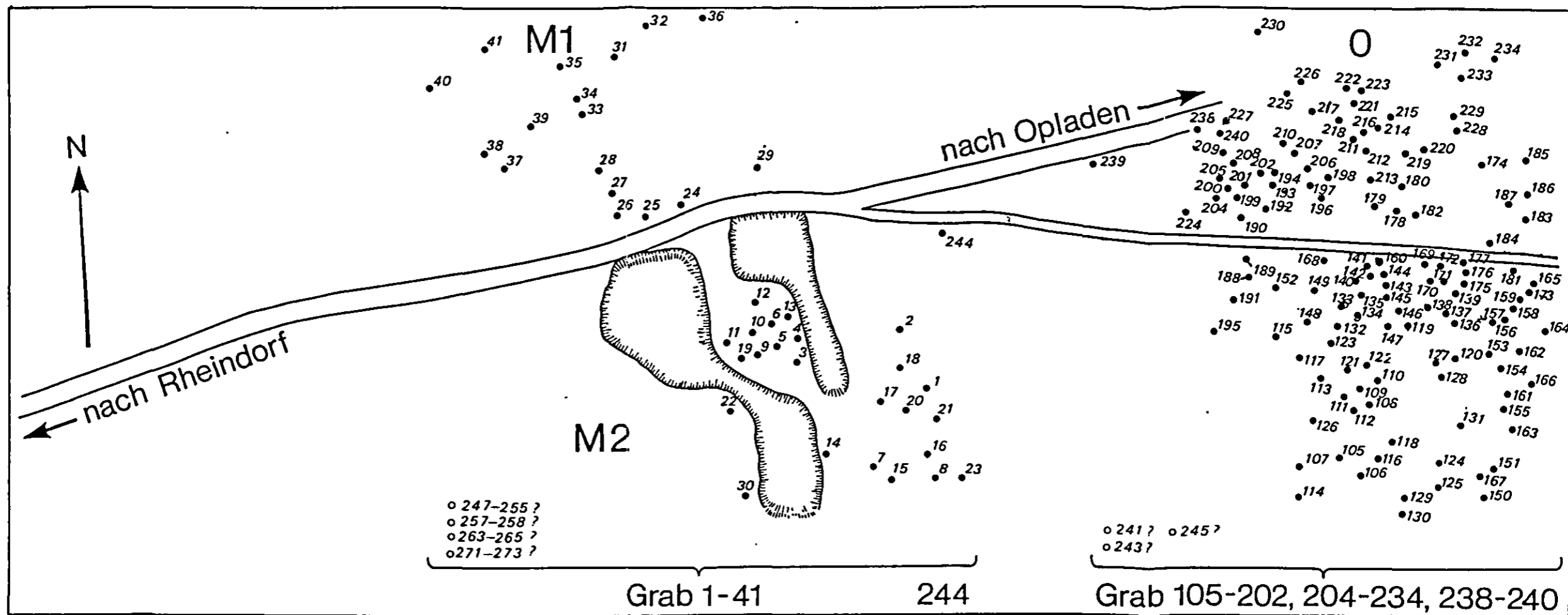


Figure 8.7 Plan of Excavation: Troisdorf, A8 (Joachim 1987, Abb. 4,2)
 Roman Period Germanic Graves ● ▲ Frankish Graves

Figure 8.8 Plan of Excavation: Rheindorf, A22
(After von Uslar 1983, Taf. 54)



Site	Hallstatt	Early La Tène	Mid La Tène	Late La Tène	La Tène (indet)
A2 (BT2)	•				
A4 (BT2)	•				
A5 (BT2)	•				
A7 (BT3)	•	•			
A9 (BT3)	•				
A13 (BT2)				•	
A15 (BT2)	•	•			
A16 (BT1)	•				•
A17 (BT1)	•				
A18 (BT3)	•				
A19 (BT2)	•			•	
A21 (BT1)	•				
A22 (BT4)	•	•	•	•	
A24 (BT4)	•				
A40 (BT2/3)	•				
A54 (BT1)	•				•
A56 (BT3)	•				•
A59 (BT1)	•				
A64 (BT2)	•				
A74 (BT2)	•				
B8 (ST1)				•	
B10 (ST1)	•		•	•	
B18 (ST1)	•				•
B29 (ST1)	•	•	•	•	
B30 (ST1)	•				
B41 (ST1/3)				•	

Table 8.1 Sites with Evidence for Occupation or Burials in the Iron Age

A= Burial Site, B=Settlement Site. Site Type is given between brackets.

SITE		100	200	300	400
A1	Oberdollendorf (1)	-----			
A2	Beuel-Niederholtdorf (5)	-----			
A3	Beuel-Limperich (1?)	-----	-----		
A4	Niederpleis-Schmerbroich (>1)		-----		
A5	St. Augustin-Hangelar (>1)	-----			
A6	Mondorf (2)	-----	-----	-----	-----
A7	Niederpleis (>15)	-----			
A8	Sieglar (64)	-----	-----		
A9	Wahn (>13)	-----			
A10	Rösrath-Hasbach (21)	-----	-----	-----	
A11	Poll (6)	-----	-----		
A12	Köln-Deutz (8)	-----	-----	-----	
A13	Merheim (4)		-----		
A14	Bensberg (>3)		-----		
A15	Köln-Dellbrück (2)	-----			
A16	Thielenbruch (1)		-----		
A17	Paffrath (1?)		-----	-----	-----
A18	Bergisch Gladbach (>25)	-----	-----		
A19	Leverkusen-Schlebusch (2)		-----		
A20	Leverkusen-Schlebusch (2)		-----		
A21	Leverkusen-Schlebusch (1)		-----		
A22	Leverkusen-Rheindorf (>273)	-----	-----	-----	-----
A23	Langenfeld-Immigrath (?)		-----		
A24	Langenfeld-Richrath (?)		-----	-----	-----

Table 8.2 Chronological Table of Cemetery and Burial Sites (Contd.)

SITE					
		100	200	300	400
A25	Hilden (2)	—			
A26	Solingen-Ohligs (1)	—	—	—	
A27	Hilden (1)		—		
A28	Hilden (1)	—	—	—	
A29	Düsseldorf-Reisholz (1)	—	—	—	
A30	Düsseldorf-Eller (3)		—		
A31	Düsseldorf-Leersenhof (?)	—	—	—	
A32	Düsseldorf-Klein Eller (?)		—	—	
A33	Düsseldorf-Bilk (?)	—	—	—	
A34	Düsseldorf-Lierenfeld (2)	—	—	—	
A35	Düsseldorf-Oberbilk (4)	—	—		
A36	Düsseldorf-Oberbilk (?)	—	—		
A37	Düsseldorf-Lierenfeld (1)	—	—	—	
A38	Düsseldorf (?)		—		
A39	Düsseldorf-Oberbilk (?)	—	—	—	
A40	Düsseldorf (?)	—	—	—	
A41	Düsseldorf (?)	—	—	—	
A42	Düsseldorf-Gerresheim (1)		—		
A43	Düsseldorf (?)	—	—	—	
A44	Düsseldorf-Rath (1)	—	—		
A45	Düsseldorf-Lohausen (?)		—		
A46	Düsseldorf-Lohausen (?)	—	—	—	
A47	Ratingen (?)	—	—	—	

Table 8.2 Chronological Table of Cemetery and Burial Sites
(Contd.)

SITE				
	100	200	300	400
A48 Ratingen-Lintorf (?)	-----	-----		
A49 Ratingen-Lintorf (?)	-----	-----		
A50 Düsseldorf (1?)		-----		
A51 Duisburg-Serm (2)		-----		
A52 Duisburg-Serm (1)		-----	---	
A53 Duisburg (1)	-----			
A54 Duisburg-Serm (1)	---			
A55 Duisburg-Huckingen (?)	-----			
A56 Duisburg-Ehingen (18)		-----		
A57 Duisburg-Ehingen (?)		-----		
A58 Essen-Kettwig (1)			-----	---
A59 Duisburg-Wedau (1)	-----	-----		
A60 Duisburg (1)	-----			
A61 Duisburg-Dellviertel (1)		-----	---	
A62 Duisburg-Hamborn (6?)		-----	---	
A63 Mülheim a. d. Ruhr (1)	-----			
A64 Duisburg-Duissern (1)		-----		
A65 Duisburg-Hamborn (1)		-----	---	
A66 Duisburg-Obermeiderich (?)		-----		-----
A67 Essen-Stoppenberg (?)	-----	-----		
A68 Oberhausen (2)	-----	-----		
A69 Walsum (1)	-----	-----		
A70 Dinslaken (1?)	-----	-----		
A71 Walsum (2?)	-----	-----		
A72 Bucholtswelmen-Spellen (2)		-----	---	

Table 8.2 Chronological Table of Cemetery and Burial Sites (Contd.)

SITE		0	100	200	300	400
A73	Bucholtswelmen-Spellen (1?)		-----	-----	-----	
A74	Voerde (2-3?)		=====			
A75	Essen-Burgaltendorf (?)		-----	-----		

Table 8.2 Chronological Table of Cemetery and Burial Sites
 ===== date range certain ----- date range possible
 (number of graves per site given in brackets)

SITE NAME		100	200	300	400
B1	Königswinter	---	---	---	
B2	Königswinter	---	---	---	
B3	Beuel-Schwarzrheindorf	---	---		
B4	Beuel-Geislar	---			
B5	Hangelar	---	---		
B6	Hangelar	---	---		
B7	Beuel-Geislar	---	---		
B8	Sieglar	---	---	---	
B9	Sieglar		---		
B10	Lülsdorf	---	---		
B11	Rösrath-Hasbach	---	---		
B12	Rösrath	---	---		
B13	Porz	---	---		
B14	Porz-Westhoven		---	---	
B15	Poll		---	---	
B16	Rösrath		---	---	
B17	Köln-Deutz			---	
B18	Merheim		---		
B19	Holweide	---	---	---	
B20	Bergisch Gladbach		---		
B21	Leverkusen-Hitdorf	---	---	---	
B22	Leichlingen	---	---	---	
B23	Düsseldorf-Volmerswerth		---		
B24	Düsseldorf-Lierenfeld	---			
B25	Düsseldorf	---	---		
B26	Düsseldorf-Stockum		---	---	

Table 8.3 Chronological Table of Settlements (Contd.)

SITE NAME		100	200	300	400
B27	Düsseldorf-Stockum		—		
B28	Duisburg-Huckingen	- - -			
B29	Duisburg (Ehinger Berge)	- - -	—	-	
B30	Duisburg-Ehingen	- - -	—	- - -	
B31	Duisburg-Huckingen		—		
B32	Essen-Burgaltendorf	—			
B33	Essen-Überruhr-Hinsel		- - -	- - -	
B34	Duisburg			—	- - -
B35	Oberhausen-Osterfeld	- - -			
B36	Walsum-Vierlinden	- - -			
B37	Walsum		—		
B38	Dinslaken (Phlipsenhof)		—		
B39	Dinslaken (Oberlohberg)	- - -			
B40	Voerde-Friedrichsfeld	- - -			
B41	Königswinter-Bennerscheid	—			
B42	Leverkusen-Schlebusch		—		

Table 8.3 Chronological Table of Settlements
 — date range certain --- date range possible

SITE NAME		100	200	300	400
C1	Königswinter		—		
C2	Beuel	- - - - -			
C3	Beuel		—		
C4	Beuel-Schwarzrheindorf			—	
C5	Beuel-Schwarzrheindorf			—	
C6	Beuel-Schwarzrheindorf			—	
C7	Niederpleis			—	
C8	Sieglar-Müllekoen		- - - - -		
C9	St. Augustin-Niedermenden		—		
C10	Rheidt			- - - -	
C11	Sieglar	- - - - -			
C12	Porz-Wahn		—		
C13	Zündorf	- - - - -			
C14	Porz-Urbach		—		
C15	Rösrath	- -			
C16	Bensberg	- - - -			
C17	Engelskirchen-Vordersteimel	- - - - -			
C18	Paffrath	- - - - -			
C19	Bergisch Gladbach	- - - - -		- - - -	
C20	Bergisch Gladbach			- - - -	
C21	Leverkusen-Rheindorf	- - - - -			
C22	Wermelskirchen-Dabringhausen	- - - - -			
C24	Langenfeld		—		
C25	Langenfeld-Richrath	- - - - -			
C26	Hückeswagen	- - - - -			
C27	Hückeswagen	- - - - -			

Table 8.4 Chronological Table of Isolated and Stray Findspots (Contd.)

SITE NAME		100	200	300	400
C28	Düsseldorf-Volmerswerth	---	---	---	
C29	Düsseldorf-Bilk	---	---	---	
C30	Grefrath	---			
C31	Düsseldorf	---	---	---	
C32	Düsseldorf	---	---	---	
C33	Düsseldorf		---		
C34	Düsseldorf-Mettmann	---			
C35	Düsseldorf-Gerresheim		---		
C36	Ratingen		---		
C37	Ratingen		---		
C38	Ratingen	---	---	---	
C39	Ratingen		---		
C40	Ratingen-Brüggen	---	---	---	
C41	Düsseldorf-Mundelheim	---	---	---	
C42	Duisburg-Huckingen		---	---	
C43	Duisburg-Huckingen		---		
C44	Duisburg-Großenbaum			---	
C45	Duisburg-Großenbaum	---			
C46	Duisburg-Wedau		---		
C47	Duisburg	---	---	---	
C48	Duisburg	---	---	---	
C49	Duisburg			---	
C50	Essen-Steele				
C51	Essen-Leithe				
C52	Essen-Innenstadt				

Table 8.4 Chronological Table of Isolated and Stray Findspots (Contd.)

SITE NAME					
		100	200	300	400
C53	Essen-Innenstadt				
C54	Duisburg- Beeckerswerth	---	---		
C55	Duisburg- Beeckerswerth	---			
C56	Walsum		—		
C57	Hünxe- Bruckhausen		---		
C58	Hünxe- Bucholtswelmen	---	---		

Table 8.4 Chronological Table of Isolated and Stray Findspots

— date range certain ---date range possible

Grave Number	Date	0	100	200	300	400	Egger's Stufe
49 (45)	last quarter 1stC		—				B2
5 (1)	end 1stC-beg. 2ndC		—				
16 (12)	beg. 2ndC		—				
34 (30)	beg. 2ndC		—				
54 (50)	beg. 2ndC		—				
32 (28)	c. 140		—				
69 (56)	first half 2ndC		—				
21 (17)	mid-third quarter 2ndC		—				
36 (32)	mid-third quarter 2ndC		—				
39 (35)	mid-third quarter 2ndC		—				
42 (38)	mid-third quarter 2ndC		—				
50 (46)	mid-third quarter 2ndC		—				
55 (51)	mid-third quarter 2ndC		—				
58 (54)	mid-third quarter 2ndC		—				
20 (16)	third quarter 2ndC		—				B2/C1
22 (18)	2nd half 2ndC		—				
29 (25)	2nd half 2ndC		—				
35 (31)	2nd half 2ndC		—				
23 (19)	2nd half 2ndC-beg.3rdC		—				
57 (53)	2nd half 2ndC-beg.3rdC		—				
40 (36)	c.180-220		—				
17 (13)	end 2ndC		—				
9 (5)	end 2ndC-beg.3rdC		—				C1
38 (34)	end 2ndC-beg.3rdC		—				
47 (43)	end 2ndC-beg.3rdC		—				
24 (20)	beg. 3rdC		—				
28 (24)	beg. 3rdC		—				
30 (26)	beg. 3rdC		—				

Table 8.5 Chronological Table of Individual Graves, A8
 (After Joachim 1982, Tab.4. The numbers in brackets are the original published grave numbers)

Grave Number	Date	0	100	200	300	400	Eggers' Stufe
238 (O)	-						
113 (?)	-						
38 (?)	-						
15 (?)	-						
269 (?)	-						
236 (?)	-						
20 (?)	-						
37 (M)	-						
213 (O)	-						
231 (O)	-						
232 (O)	-						
195 (O)	-						
241 (O)	-						
170 (O)	-						
207 (O)	-						
154 (O?)	-						
266 (S)	-						
65 (W3)	-						
262 (S)	5-50	┌──					B1
237 (S)	5-70	┌──					B1
259 (S)	40-100	┌──					
139 (O)	50-150	┌──	┌──				
106 (O)	50-150	┌──	┌──				B1/12
153 (O)	50-150	┌──	┌──				
165 (O)	50-175	┌──	┌──	┌──			B2
143 (O)	70-120	┌──					B2
210 (O)	70-270	┌──	┌──	┌──			B2/C1a
182 (O)	70-270	┌──	┌──	┌──			
117 (O)	80-100	┌──					B2
118 (O)	80-200	┌──	┌──				B2/C1a

Table 8.6 Chronological Table of Individual Graves in Rheindorf, A22 (Contd.)

Grave Number	Date	0	100	200	300	400	Eggers' Stufe
112 (O)	80-300		—				B2/C1
156 (O)	90-120		—				B2
183 (O)	90-120		—				
193 (O)	90-120		—				
227 (O)	90-120		—				
157 (O)	90-120		—				
116 (O)	90-120		—				
206 (O)	90-120		—				
136 (O)	90-120		—				
187 (O)	90-120		—				
220 (O)	90-120		—				
158 (O)	90-120		—				
175 (O)	90-120		—				
180 (O)	90-140		—				
115 (O)	90-140		—				
150 (O)	90-140		—				
201 (O)	90-140		—				
149 (O)	90-140		—				
191 (O)	90-140		—				
159 (O)	90-140		—				
211 (O)	90-140		—				
192 (O)	90-140		—				
134 (O)	90-140		—				
160 (O)	90-140		—				
109 (O)	90-140		—				
253 (M)	90-150		—				
145 (O)	90-150		—				
133 (O)	90-150		—				
107 (O)	90-150		—				
163 (O)	90-150		—				

Table 8.6 Chronological Table of Individual Graves in Rheindorf, A22 (Contd.)

Grave Number	Date	0	100	200	300	400	Eggers' Stufe
179 (O)	90-150		┌───┐				B2
132 (O)	90-150		┌───┐				
148 (O)	90-150		┌───┐				
120 (O)	90-150		┌───┐				
167 (O)	90-150		┌───┐				
85 (W2)	90-150		┌───┐				
13 (M)	90-200		┌───┐	┌───┐			B2/C1a
1 (M)	90-200		┌───┐	┌───┐			
32 (M)	90-200		┌───┐	┌───┐			
204 (O)	90-200		┌───┐	┌───┐			
126 (O)	90-200		┌───┐	┌───┐			
127 (O)	90-200		┌───┐	┌───┐			
172 (O)	90-200		┌───┐	┌───┐			
114 (O)	90-200		┌───┐	┌───┐			
152 (O)	90-200		┌───┐	┌───┐			
197 (O)	90-200		┌───┐	┌───┐			
125 (O)	90-200		┌───┐	┌───┐			
137 (O)	90-200		┌───┐	┌───┐			
124 (O)	90-200		┌───┐	┌───┐			
181 (O)	90-200		┌───┐	┌───┐			
130 (O)	90-200		┌───┐	┌───┐			
131 (O)	90-200		┌───┐	┌───┐			
203 (S)	90-200		┌───┐	┌───┐			
245 (?)	90-300		┌───┐	┌───┐	┌───┐		B2/C1
233 (O)	90-300		┌───┐	┌───┐	┌───┐		
205 (O)	95-150		┌───┐				B2
188 (O)	95-150		┌───┐				
111 (O)	95-150		┌───┐				
184 (O)	100-120		┌───┐				
19 (M)	100-150		┌───┐				
18 (M)	100-150		┌───┐				

Table 8.6 Chronological Table of Individual Graves in Rheindorf, A22 (Contd.)

Grave Number	Date	0	100	200	300	400	Eggers' Stufe
24 (M)	100-150		I				B2
263 (M2)	100-150		I				
257 (M2)	100-150		I				
186 (O)	100-150		I				
165 (O)	100-150		I				
185 (O)	100-150		I				
189 (O)	100-150		I				
122 (O)	100-150		I				
108 (O)	100-150		I				
202 (O)	100-150		I				
169 (O)	100-150		I				
119 (O)	100-150		I				
261 (S)	100-150		I				
260 (S)	100-150		I				
173 (O)	100-160		I				
178 (O)	100-170		I			B2	
26 (M)	100-200		I			B2/C1a	
8 (M)	100-200		I				
3 (M)	100-200		I				
215 (O)	100-200		I				
141 (O)	100-200		I				
147 (O)	100-200		I				
121 (O)	100-200		I				
209 (O)	100-200		I				
212 (O)	100-200		I				
110 (O)	100-200		I				
174 (O)	100-200		I				
222 (O)	100-200		I				
225 (O)	100-200		I				
140 (O)	100-200		I				
146 (O)	100-200		I				

Table 8.6 Chronological Table of Individual Graves in Rheindorf, A22 (Contd.)

Grave Number	Date	0	100	200	300	400	Eggers' Stufe
198 (O)	100-200						B2/C1a
217 (O)	100-200						
208 (O)	100-200						
221 (O)	100-200						
240 (O)	100-200						
142 (O)	100-200						
219 (O)	100-200						
176 (O)	100-200						
177 (O)	100-200						
155 (O)	100-200						
135 (O)	100-200						
223 (O)	100-200						
216 (O)	100-200						
214 (O)	100-200						
144 (O)	100-200						
128 (O)	100-200						
199 (O)	100-200						
151 (O)	100-200						
129 (O)	100-200						
66 (W3)	100-200						
76 (W3)	100-200						
57 (W3)	100-200						
61 (W3)	100-200						
243 (?)	100-270					B2/C1	
239 (?)	100-270						
265 (M2)	100-270						
224 (O)	100-270						
96 (W1)	100-270						
91 (W2)	100-270						
7 (M)	100-300						
23 (M)	100-300						

Table 8.6 Chronological Table of Individual Graves in Rheindorf, A22 (Contd.)

Grave Number	Date	0	100	200	300	400	Eggers' Stufe
42 (W3)	150-300		-----				C1
75 (W3)	150-300		-----				
46 (W3)	150-300		-----				
218 (O)	170-200		-----				C1a
234 (O)	175-240		-----				
83 (W2)	175-300		-----				C1a
235 (S)	180-200		-----				
62 (W3)	180-200		-----				
70 (W3)	180-200		-----				C1a
271 (M2)	180-220		-----				
101 (W1)	180-220		-----				
100 (W1)	180-220		-----				
92 (W2)	180-220		-----				
81 (W2)	180-220		-----				
82 (W2)	180-220		-----				
84 (W2)	180-220		-----				
60 (W3)	180-220		-----				
258 (M2)	180-240		-----				
246 (W)	180-240		-----				
97 (W1)	180-240		-----				
103 (W3)	180-240		-----				
102 (W3)	180-240		-----				
268 (W)	180-270		-----				
89 (W2)	180-270		-----				
73 (W3)	180-270		-----				
55 (W3)	180-270		-----				
53 (W3)	180-270		-----				
30 (M)	180-300		-----				
11 (M)	180-300		-----				
273 (M2)	180-300		-----				
242 (S)	180-300		-----				

Table 8.6 Chronological Table of Individual Graves in Rheindorf, A22 (Contd.)

Grave Number	Date	0	100	200	300	400	Eggers' Stufe
2 (M)	100-300						<i>B2/C1</i>
17 (M)	100-300						
226 (O)	100-300						
162 (O)	100-300						
138 (O)	100-300						
90 (W2)	100-300						
93 (W2)	100-300						
63 (W3)	100-300						
58 (W3)	100-300						
168 (O)	110-150		I				
194 (O)	110-150		I			<i>B2</i>	
190 (O)	110-150		I				
200 (O)	110-150		I				
164 (O)	110-150		I				
72 (W3)	120-150		I				
171 (O)	120-170		I			<i>B2</i>	
230 (O)	120-175		I				
123 (O)	120-180		I			<i>B2/C1</i>	
105 (O)	125-300		I		I	<i>B2</i>	
78 (W3)	140-160		I			<i>C1a</i>	
74 (W3)	150-190		I				
270 (W)	150-200		I				
50 (W3)	150-200		I			<i>C1a</i>	
228 (O)	150-220		I				
161 (O)	150-220		I				
98 (W1)	150-220		I				
51 (W3)	150-250		I	I			
21 (M)	150-300		I		I	<i>C1</i>	
87 (W2)	150-300		I		I		
45 (W3)	150-300		I		I		
69 (W3)	150-300		I		I		

Table 8.6 Chronological Table of Individual Graves in Rheindorf, A22 (Contd.)

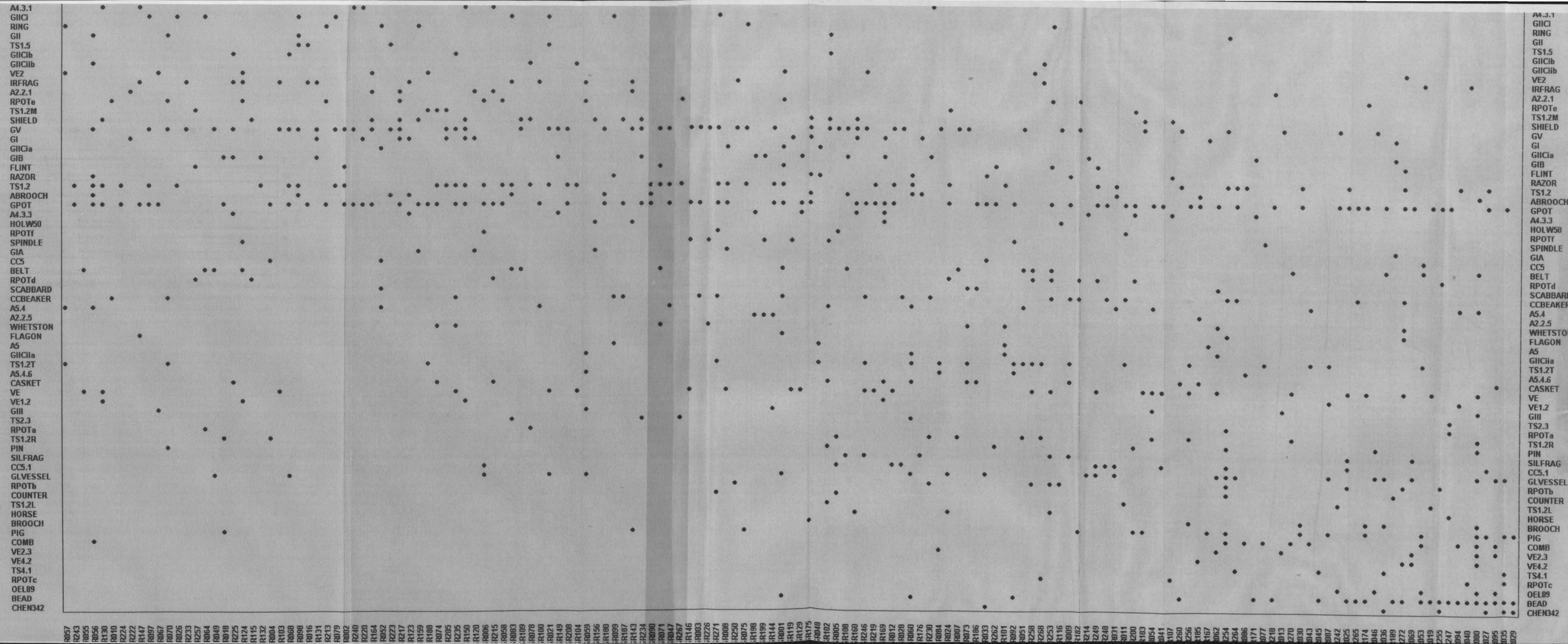
Grave Number	Date	0	100	200	300	400	Eggers' Stufe	
71 (W3)	180-300			-----			C1	
77 (W3)	180-300			-----				
196 (O)	190-210			-----			C1a	
68 (W3)	190-210			-----				
64 (W3)	190-210			-----				
104 (W3)	190-220			-----				
29 (O)	195-205			-----				
79 (W2)	200-250			-----				
86 (W2)	200-250			-----			C1	
99 (W1)	200-270			-----				
39 (?)	200-300			-----				
9 (M)	200-300			-----				
16 (M)	200-300			-----				
254 (M)	200-300			-----				
267 (W)	200-300			-----				
94 (W2)	200-300			-----				
88 (W2)	200-300			-----				
95 (W2)	200-300			-----				
80 (W2)	200-300			-----				
256 (W2)	200-300			-----				
56 (W3)	200-300			-----				
49 (W3)	200-300			-----				
47 (W3)	200-300			-----				
44 (W3)	200-300			-----				
54 (W3)	200-300			-----				
48 (W3)	200-300			-----				
43 (W3)	200-300			-----				
272 (M2)	240-270			-----				C1b
48 (M2)	240-300			-----				
59 (W3)	240-300			-----				C1b/C2
22 (M)	240-350			-----	-----			

Table 8.6 Chronological Table of Individual Graves in Rheindorf, A22 (Contd.)

Grave Number	Date	0	100	200	300	400	Eggers' Stufe
67 (W3)	240-350			-----			C1b/C2
25 (M)	250-300						C1b
12 (M)	250-300						
14 (M)	250-300						
41 (M)	250-300						
34 (M)	250-300						
5 (M)	250-300						
10 (M)	250-300						
33 (M)	250-300						
4 (M)	250-300						
6 (M)	250-300						
252 (M2)	250-300						
251 (M2)	250-300						
249 (M2)	250-300						
52 (W3)	250-300						
28 (M)	250-350			-----			C1b/C2
27 (M)	270-350			-----			
264 (M2)	270-350			-----			
247 (M2)	270-350			-----			
29 (M)	300-350			-----			
255 (M2)	300-350			-----			C2
250 (M2)	300-350			-----			
244 (M)	300-400			-----			
40 (M)	300-400			-----			C2
31 (M)	310-355			-----			C2
35 (M)	320-400			-----			C2
36 (M)	350-400			-----			

Table 8.6 Chronological Table of Individual Graves in Rheindorf, A22

Table 8.7 Seriation Plot for Rheindorf, A22



8057 8243 8055 8056 8130 8010 8224 8222 8147 8097 8067 8070 8026 8233 8257 8064 8049 8018 8225 8124 8115 8132 8004 8103 8068 8098 8016 8131 8213 8079 8002 8240 8220 8164 8052 8223 8217 8123 8159 8188 8074 8205 8235 8150 8120 8006 8215 8058 8083 8109 8078 8100 8021 8149 8208 8059 8156 8180 8099 8187 8143 8234 8090 8071 8047 8267 8146 8003 8226 8271 8008 8250 8075 8198 8199 8144 8001 8119 8129 8175 8048 8102 8005 8108 8160 8246 8219 8169 8012 8028 8060 8176 8230 8084 8024 8007 8073 8186 8033 8262 8101 8092 8051 8258 8268 8253 8116 8009 8182 8214 8249 8248 8031 8011 8200 8183 8054 8041 8107 8260 8256 8185 8167 8062 8254 8264 8066 8171 8077 8218 8013 8270 8030 8043 8045 8087 8242 8025 8265 8174 8036 8189 8069 8053 8019 8247 8094 8040 8080 8095 8035 8029

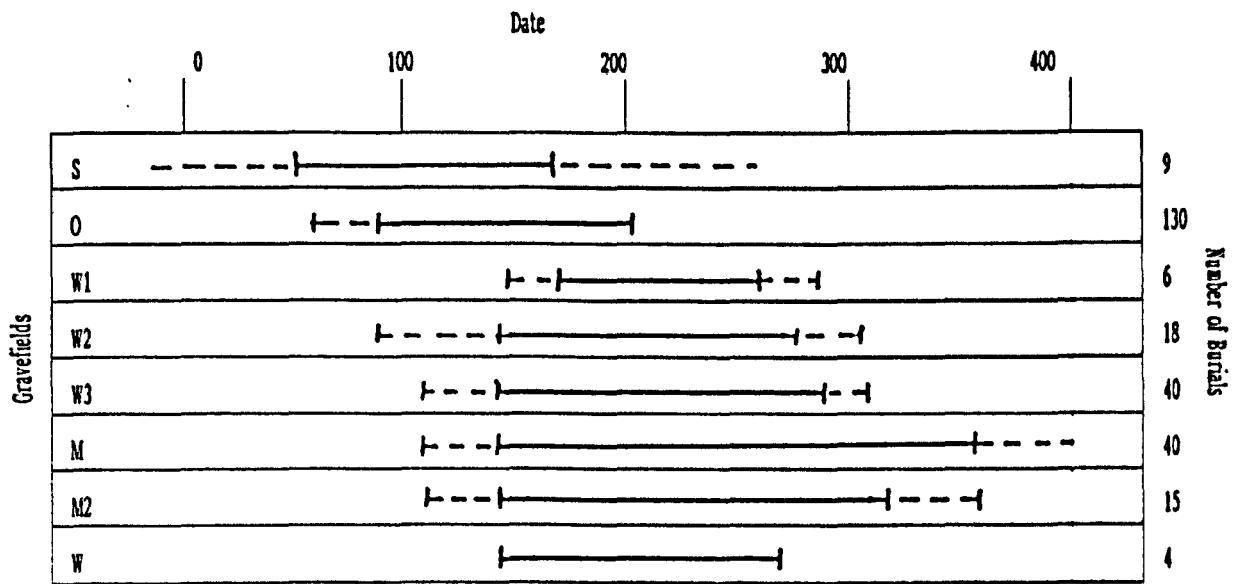


Table 8.8 Chronological Table of the Gravefields Within Rheindorf, A22

<i>Stufe</i>	Date Range	Average No. Burials	Average No. Burials per Year	Min. Population*
A	Pre-Roman Iron Age	2	?	
B1	AD 0-70	3	0.04	2-4
B2	AD 70-160/180	128	1.3	39-41
C1a	AD 160/180-250	67	1.0	30-31
C1b	AD 250-310/20	48	0.7	18-21
C2	AD 310/20-400	7	0.09	3-5
?	-	18	0.06	
Total		273		

Table 8.9 Quantification of Burials per Phase in Rheindorf, A22 (* minimum population with life expectancy of 30 years)

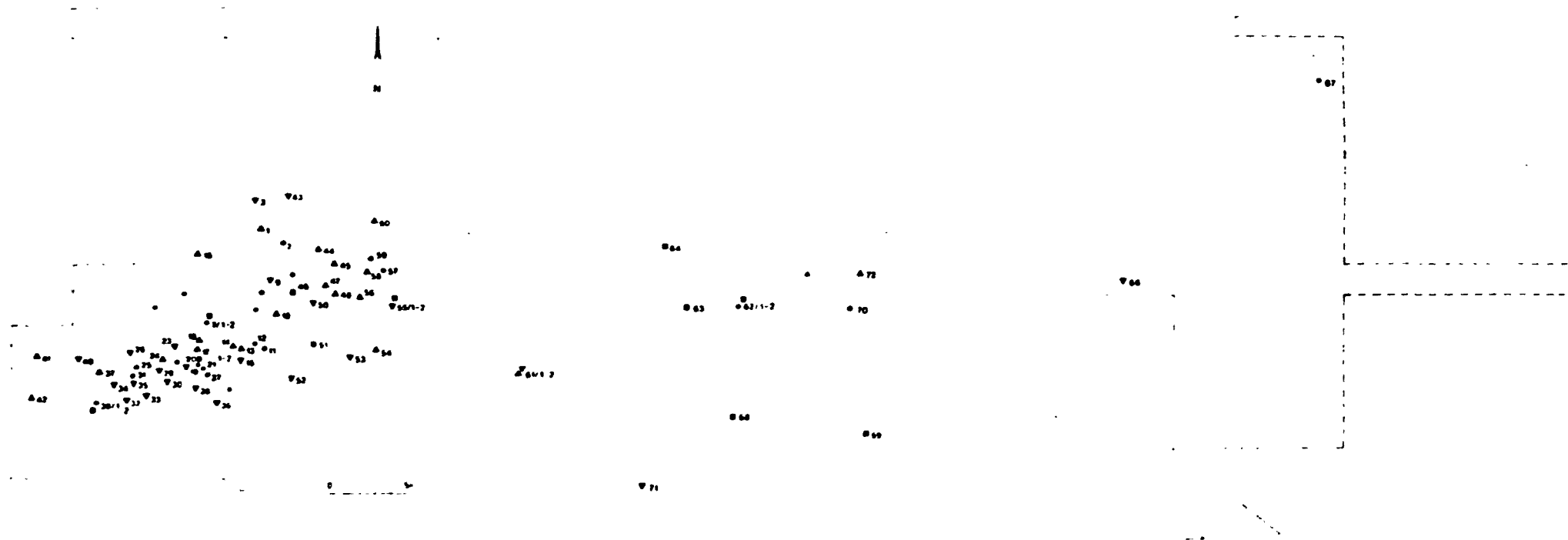
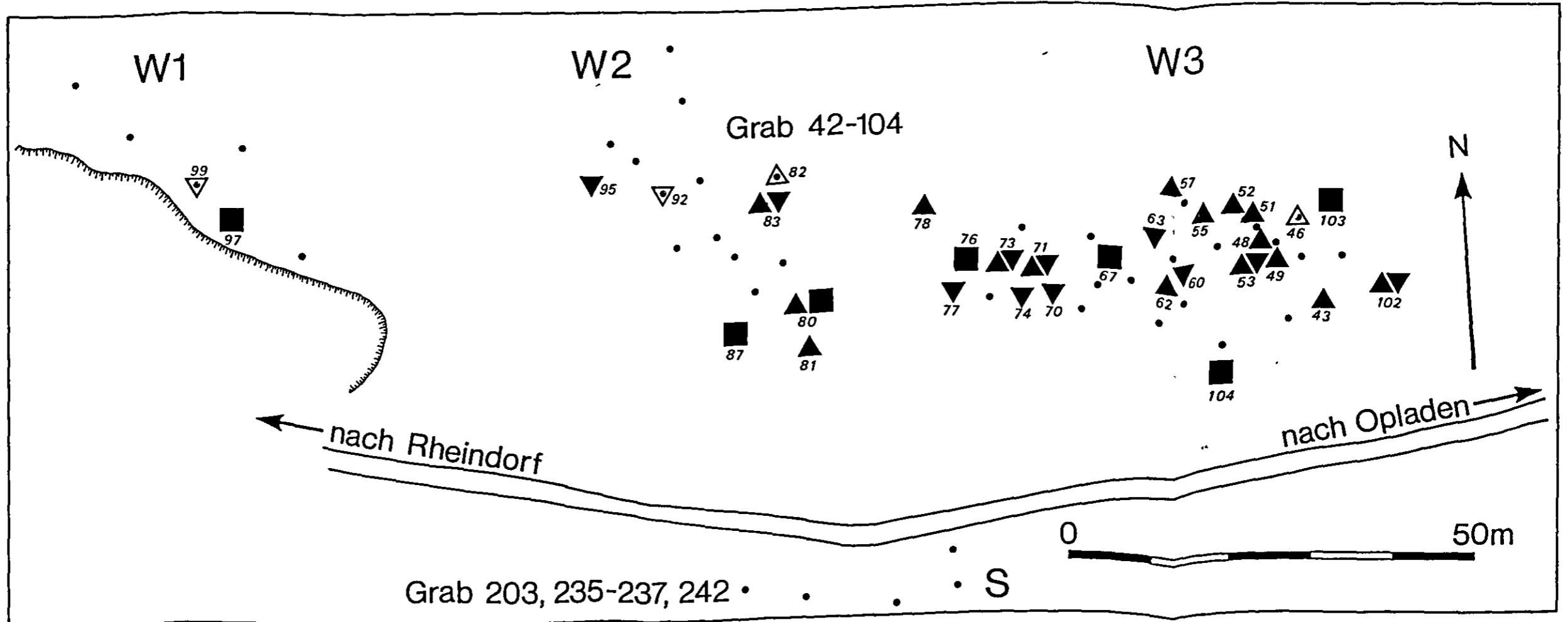
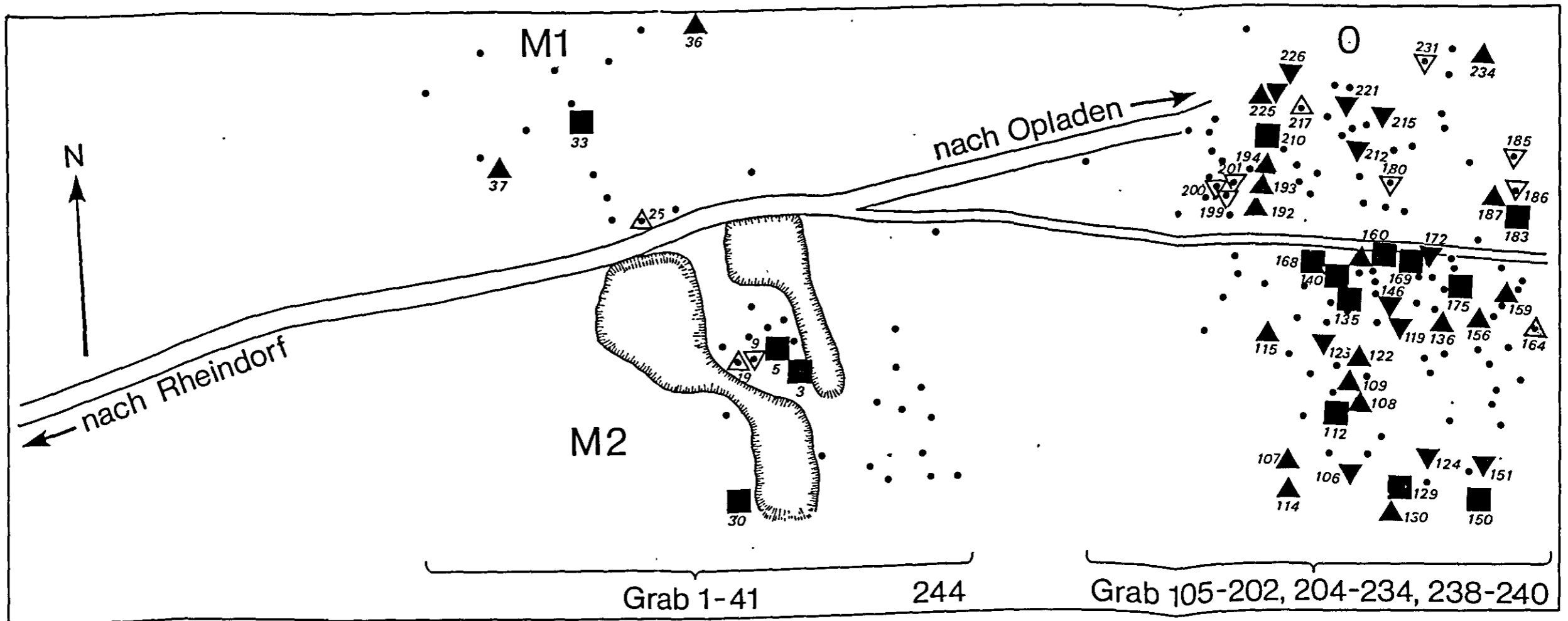


Figure 9.1 Distribution Map of Sex-Specific Burials in Troisdorf, A8
(Wittwer-Backofen 1987, Abb.1)

▲ Male ▼ Female ● Adult ■ Child

(The grave numbers in the figure are those used by Joachim 1987
and not those in this study: see the catalogue entry in Appendix I
for the corresponding grave numbers)

Figure 9.2 Distribution Map of Sex-Specific Burials in Rheindorf, A22
(M = Male, F = Female, C = Child)



- ▲ M
- △ M?
- ▼ F
- ▽ F?
- C
- ?

Figure 9.3 Results of the Mixed Analysis for Rheindorf, A22

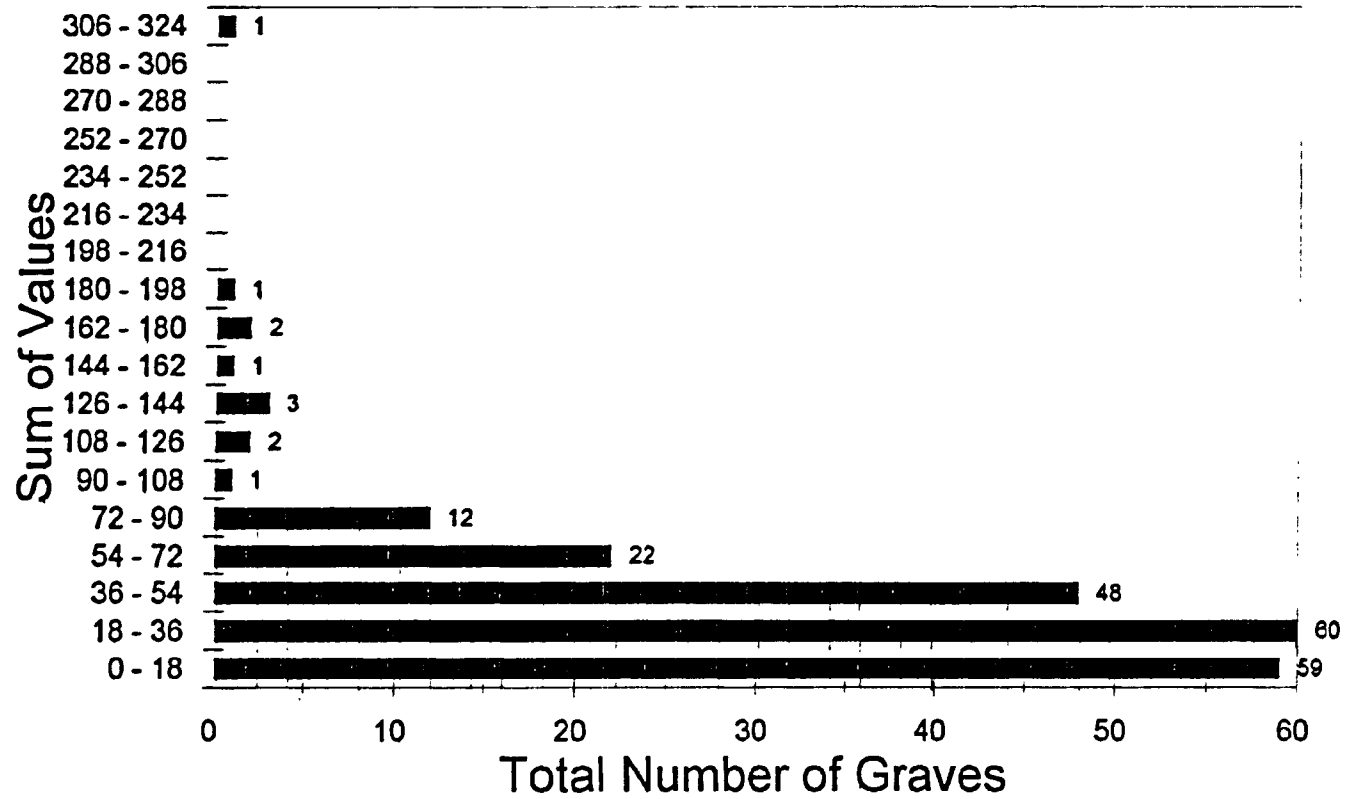
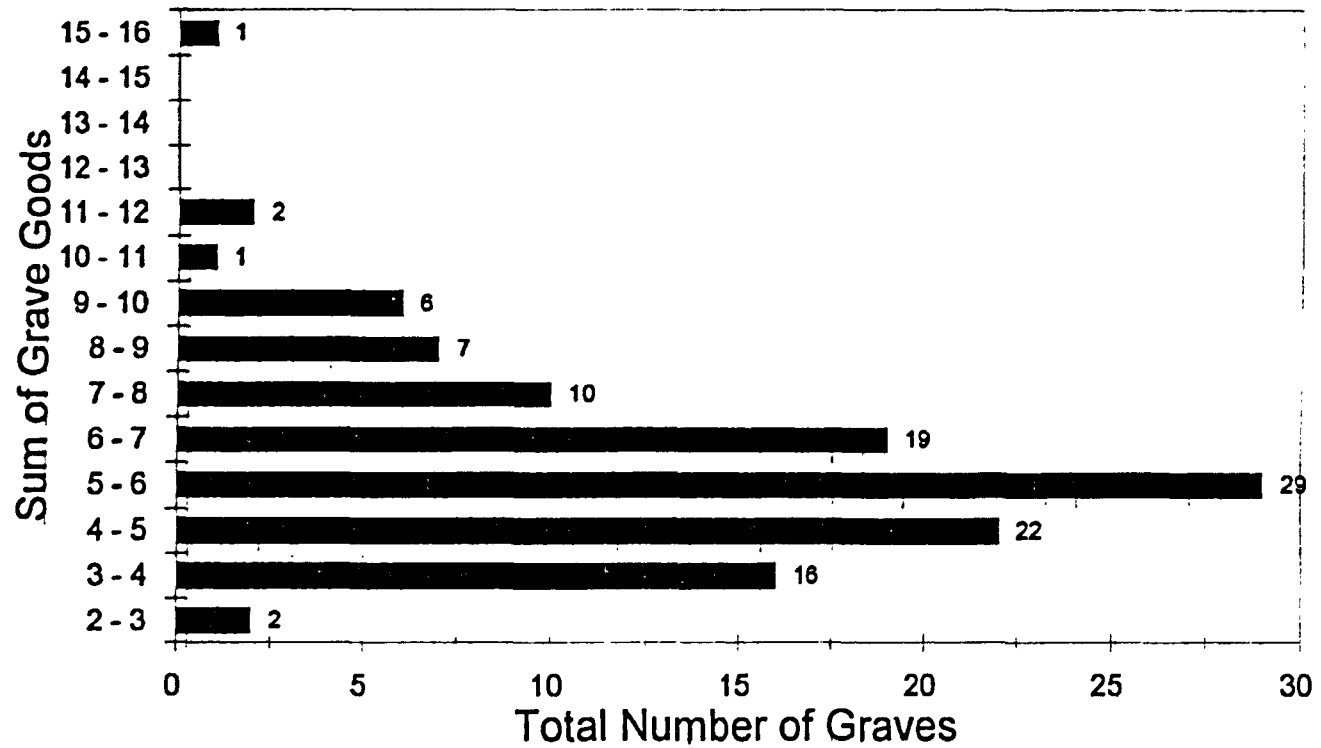


Figure 9.4 Result of the Quantitative Analysis for Rheindorf, A22



GRAVE	GENDER	POT	TERSIG	COLCOAT	RPO T	METALVES S	GLASSVES S	MILITARIA	BROOCH	TEXTILE	PINS	CASKE T	REST
30	F ^A	1	1										
32	F ^A	1	1	1	1		?						
33	F ^A	1	1										
34	F ^{AG}				1					X	X		
36	F ^A	1	1	1					A4.3.3		?		COMB
37	F ^A	1							A				
38	F ^A	2	1	1		1							
39	F ^A	1	1			1			A4.3.5				
40	F ^A	2							A5.4.1 A				
44	F ^A	1											
47	F ^A	2	1										
56	F ^A	1											
57	F ^A	2	1						A5.4.6 A4.4				
11	A+C ^A 4-6	1											
24	A+C ^A 16-17	1	1										
42	A+C ^A 6-12	1							A4.3.3				
59	F+C ^A <6	3	1						A5.1.1				
50	C ^A 9-12	1							A4.3.3				
55	C ^A 5-12	1							A4.3.3				

Table 9.1 Sex-Specific Burials in Troisdorf, A8

GRAVE	GENDER	POT	TERSIG	COLCOAT	R POT	METALVESSES	GLASSVESSES	MILITARIA	BROOCH	TEXTILE	PINS	CASKE T	REST
2	M ^A	2			1	1			A5.2				R POT = PLANETEN VASE SHEARS
3	M ^G	1						X	A5.4				
5	M ^A	1	1	1									
14	M ^A	1											
16	A ^A M ^G								A4.2.2				GAME PIECE
17	M ^A	1	1	1					X				ABONE
21	M ^A	1				1			A4.3.3				
22	M ^A	5	1						A				
28	M ^A	1	1										ABONE
41	M ^A	1											
46	M ^A	1											
48	M ^A	2											
49	M ^A	1	1										
51	M ^A	3							A4.3.3				
52	M ^A	1											
54	F ^A M ^G	1						X					
58	M ^A	1			1				A1.2.2 A2.2.4				
60	M ^A	1							A4.2.2				6 STONES
64	M ^A	1											
4	F ^G	2	1		1	3			A4.3.3	X			COMB SHEARS WEAVING SWORD
13	F ^A	1				1							
19	F ^A	3			1	1							ABONE
20	A ^A F ^G	4	1	1						X			PIG
23	F ^A	1	3										
27	F ^{AG}	1	1						A4.4	X		?	

Table 9.1 Sex-Specific Burials in Troisdorf, A8 (Contd.)

G R A V E	G E N D E R	G P O T	T E R S I G	C O L C O A T	R P O T	M E T A L V E S S	G L A S S V E S S	M I L I T A R I A	B R O O C H	T E X T I L E	P I N S	C A S K E T	R E S T
235 ^S	M?G	2	1	1				?					SHEARS WHETST.
259 ^S	M?A								A1.2.2				
107 ^O	M ^G			1				X	A4.3.3				KNIFE
108 ^O	M ^G	2						X	KNEE				
109 ^O	M?G	1						X					
114 ^O	M?A	2											
115 ^O	M ^G				2			X	B7.1				
122 ^O	M ^A	1							A4.2.1 A2.2.2				
130 ^O	M ^{AG}	1				2		X	A4.3.1				
136 ^O	M ^G	1						X					
156 ^O	M ^G	1			1			X					
159 ^O	M ^G	2				2							
164 ^O	M ^G	1	1			2		X	A2.2.1				
187 ^O	M ^G	1	1	1				X					
192 ^O	M ^G	1						X					
193 ^O	M ^G	1						X	A1.2.1				
194 ^O	M ^A	1	1			1							
217 ^O	M ^G	2						X	A2.2.1				
234 ^O	M ^G	2						X					SHEARS
267 ^W	M?A		2		1				A5.3.3				
270 ^W	A ^A M ^G		1			1		X					COMB
81 ^{W2}	M ^G		2					X				X	
82 ^{W2}	M?A	1											
43 ^{W3}	M ^A	1	1						A5.4				COMB KNIFE
48 ^{W3}	M ^G	1	1						A5				RAZOR

Table 9.2 Sex-Specific Burials in Rheindorf, A22 (Contd.)

G R A V E	G E N D E R	G P O T	T E R S I G	C O L C O A T	R P O T	M E T A L V E S S	G L A S S V E S S	M I L I T A R I A	B R O O C H	T E X T I L E	P I N S	C A S K E T	R E S T
49 ^{W3}	M ^G	1					1	X	A5.3.2 A5.3.2				
51 ^{W3}	M ^G	2	2					X	A5.4				
52 ^{W3}	M ^G	1		1				X	A5.4 A5.4				
55 ^{W3}	M ^G		2			1		X					
57 ^{W3}	M ^G		1			1		X					
62 ^{W3}	M ^G	2				2	1	X					KNIFE WHETST.
78 ^{W3}	M ^G	1	1					X					
25 ^M	M ^{?G}	1	2	1		2		X					>4 BEADS
36 ^{M1}	M ^G	1	1		1		1	X					
37 ^{M1}	M ^G	1				1		X					
19 ^{M2}	M ^{?A}	1	2										2 BEADS
247 ^{M2}	M ^{?A}	1	1		1								SHEARS >4 BEADS HORSE
260 ^S	F ^G	1	2									X	1 BEAD
261 ^S	F ^{?A}	1			1								ORNAMENT /FITTING
262 ^S	F ^G	1									X		FLINT
266 ^S	F ^{?A}	1							A				
106 ^O	F ^G	1							A3	X			
119 ^O	F ^G	1							A4.2.1	X			
123 ^O	F ^G	1							A4.3.3				BRACELET
124 ^O	F ^G				1	2				X		X	STRIKE- A-LIGHT
146 ^O	F ^G	2				1				X			
151 ^O	F ^G	1							A4.3.3			X	
172 ^O	F ^G	1										?	
180 ^O	A ^A F ^G	1	1						A			X	
185 ^O	F ^{?G}	1			1				A2.2.5 A			X	
186 ^O	F ^{?G}	1				2		?				X	

Table 9.2 Sex-Specific Burials in Rheindorf, A22 (Contd.)

GRAVE	GENDER	POT	TERRSIG	COLCOAT	RPOT	METALVES	GLASSVES	MILITARIA	BROOCH	TEXTILE	PINS	CASKE T	REST
199 ^O	FG	1							A2.2.5	X			
200 ^O	FG		1		1				A4.3.3 A4.3.3		X		
201 ^O	FG		1		1				A2.2.1	X			
212 ^O	FG	1										X	
215 ^O	FG	1							A4.3.1 A2.2.1			X	
221 ^O	FG											X	
226 ^O	FG	2								X			
231 ^O	FG	1								X			
99 ^{W1}	F?A	1		1					A5.3.4 A5				KNIFE
92 ^{W2}	FG	1	1						A5.4.6	X			1 BEAD
95 ^{W2}	FG	1			2	2	1		A5.3.3			X	>4 BEADS RING COMB FIGURINE
256 ^{W2}	F ^A	1	6			1							
46 ^{W3}	M?A FG	1			1		1				X		
60 ^{W3}	FG	1	3						A5.4			?	BRACELET KNIFE
63 ^{W3}	FG	1	1							X			
70 ^{W3}	FAG	2	2						B7.3 A5.3		X		
74 ^{W3}	FAG	1	2						A5.3.1			X	KNIFE WHETST.
77 ^{W3}	FG		1	1					A5.4.3	X			COMB
254 ^M	F?A	1	1	1	3		1				X		GAME PIECE COMB
9 ^{M2}	F?A M/F?G	1	1	1								X	RAZOR
249 ^{M2}	FG	1	1	1	1		1			X			FLINT
255 ^{M2}	F?AG	1	1		1					?			3 BEADS GAME PIECE
258 ^{M2}	F?A	1	1		2	1		?	A5.4.3				

Table 9.2 Sex-Specific Burials in Rheindorf, A22 (Contd.)

G R A V E	G E N D E R	G P O T	T E R S I G	C O L C O A T	R P O T	M E T A L V E S S	G L A S S V E S S	M I L I T A R I A	B R O O C H	T E X T I L E	P I N S	C A S K E T	R E S T
264 ^{M2}	F ^G	1	1	1	1		1						MIRROR LID
271 ^{M2}	F ^A	2	3	1	1								GAME PIECE
272 ^{M2}	F ^G	1	1	1	1	1						?	2 BEADS WHETST.
160 ^O	M+C ^A M ^G	2						X	A4.3.3				HORSE
80 ^{W2}	M+C ^A F ^G	1	2		1	3	1		A5.4 A5.3.2 A		X		BRACELET NECKLACE 2 COMBS
53 ^{W3}	M+F ^A M ^G		1	1	1	1		X	A5.4.1				2 BEADS COMB
251 ^{M2}	M+C ^A M ^G	2		1				X	A5.3 A5.3				2 BEADS GAME PIECES
225 ^O	M+F ^G	2						X	A4.3.3 A4.3.3			X	
83 ^{W2}	M+F ^G	1	1					X	A			?	
102	M+F ^G	4	2	1				X		X	X	X	
71 ^{W3}	M+F ^G	3	1					X	A5.3.2	X			FLINT WHETST.
73 ^{W3}	M+F ^G	1	1					X				X	WHETST.
112 ^O	C ^A 2-9	1											
129 ^O	C ^A >=5	1				1			A4.3.3				
135 ^O	C ^A >=10	1							A4.3.2				
140 ^O	C ^A >=5	1			1				A4.3.3 A4.3.3				
150 ^O	C ^A M ^G >=3	3	1			1		X	A4.3.1				
168 ^O	C ^A >=10	1		1					B6				
169 ^O	C ^A F ^G >=10	2			1	3			A4.3.3 A2.2.6			X	

Table 9.2 Sex-Specific Burials in Rheindorf, A22 (Contd.)

GRAVE	GENDER	POT	TERRSIG	COLCOAT	RPOT	METALVESSES	GLASSVESSES	MILITARIA	BROOCH	TEXTILE	PINS	CASKET	REST
175 ^O	C ^A M ^G 2-9	2						X	A X				KNIFE
183 ^O	C ^A M ^G >12							X					
210 ^O	C ^A >=3	1											
97 ^{W1}	C ^A >=10	3	1	1	1								
87 ^{W2}	C ^A 5-9M	1	1			1	1						
67 ^{W3}	C ^A >5	1	1			1							
76 ^{W3}	C ^A 5-19	1											
103 ^{W3}	C ^A 2-13	1				?							
104 ^{W3}	C ^A 10-18	1	1			2							
33 ^{M1}	C ^A M ^G 10-19						1						RAZOR
3 ^{M2}	C ^A 1-6	3		1	1								
5 ^{M2}	C ^A >=10	1	1	1	1	?							GAME PIECE
30 ^{M2}	C ^A 2-4	1	2						X				
246 ^{M2}	C ^A 3-8			X	X								

Table 9.2 Sex-Specific Burials in Rheindorf, A22 (Contd.)

Grave Number	Grave Type (GT)	Sex/Age	Date of Grave	Score
80 (W2)	GT 1.2	x2 or x3 burials: M/40-59 C/4-7 F?/40-69	200-300	320.56
25 (M)	GT 2.2	M?	250-300	186.70
95 (W2)	GT 1.2	F (child?)	200-300	167.45
254 (M)	GT 3.1?	F?/20-39	200-300	165.02
253 (M)	GT 3.1?	-	90-150? (or later)	151.36
272 (M2)	GT 3.1	F	240-270	141.57
102 (W3)	GT 1.2	F M	180-240	137.14
69 (W3)	GT 2.2	-	150-300	132.32
62 (W3)	GT 1.2	M	180-200	123.92
1(M)	GT 3.1	A/14-39	90-200	122.91
258 (M2)	Indet.	F?/20-59	180-240	90.67

Table 9.3 The Highest Scoring Graves in Rheindorf on the Basis of a Mixed (Qualitative/Quantitative) Analysis

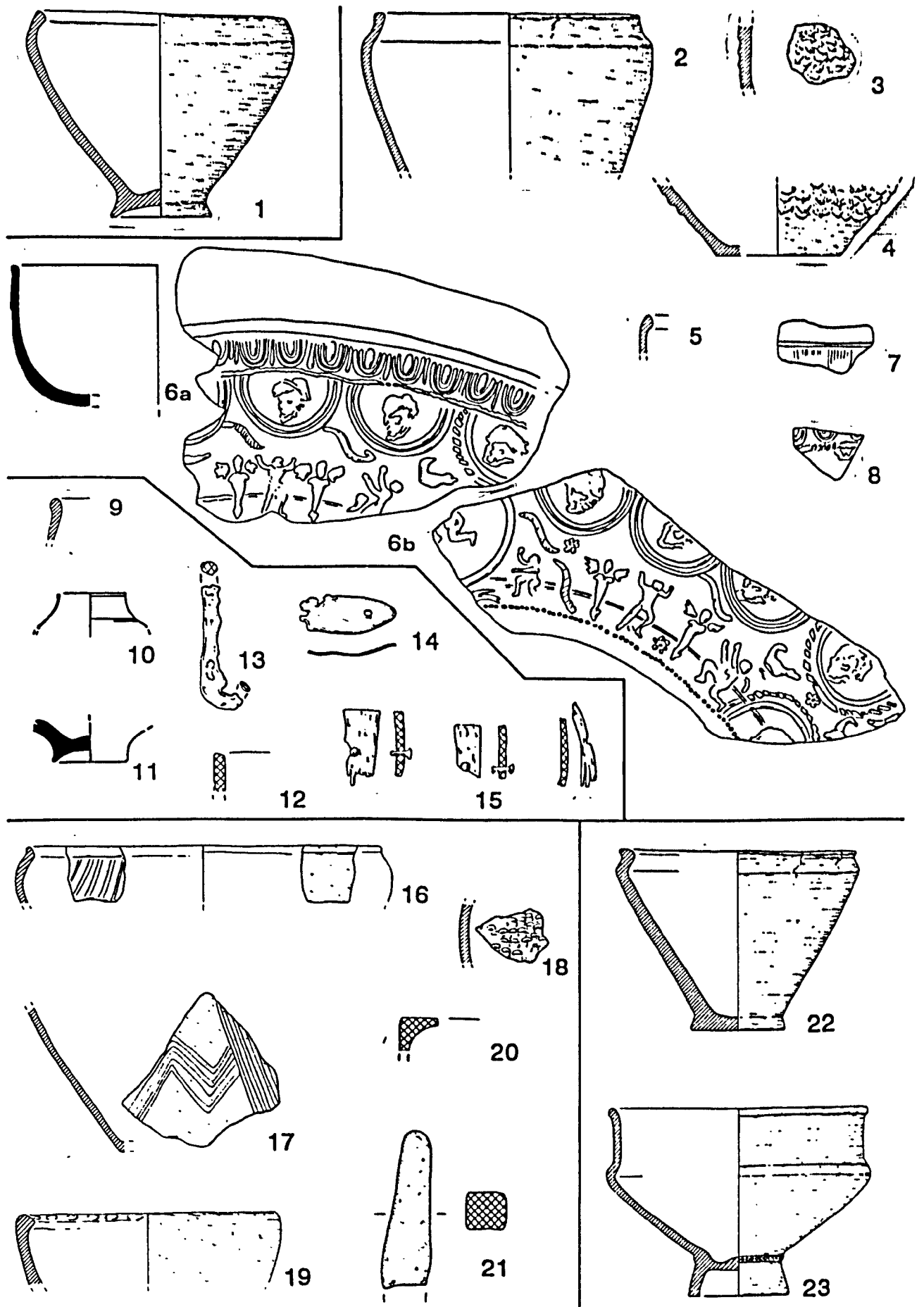


Fig. I. A1 Oberdollendorf (1); A2 Beuel-Niederholtdorf (2-8); A4 Niederpleis-Schmerbroich (9-15); A5 St. Augustin-Hangelar (16-21); A7 Niederpleis, Find A (22, 23, Contd. fig. II). Scales: 1-5, 6a, 9-11, 16-19, 22, 23, 1:4; 6b, 12-15, 20-21, 1:2.

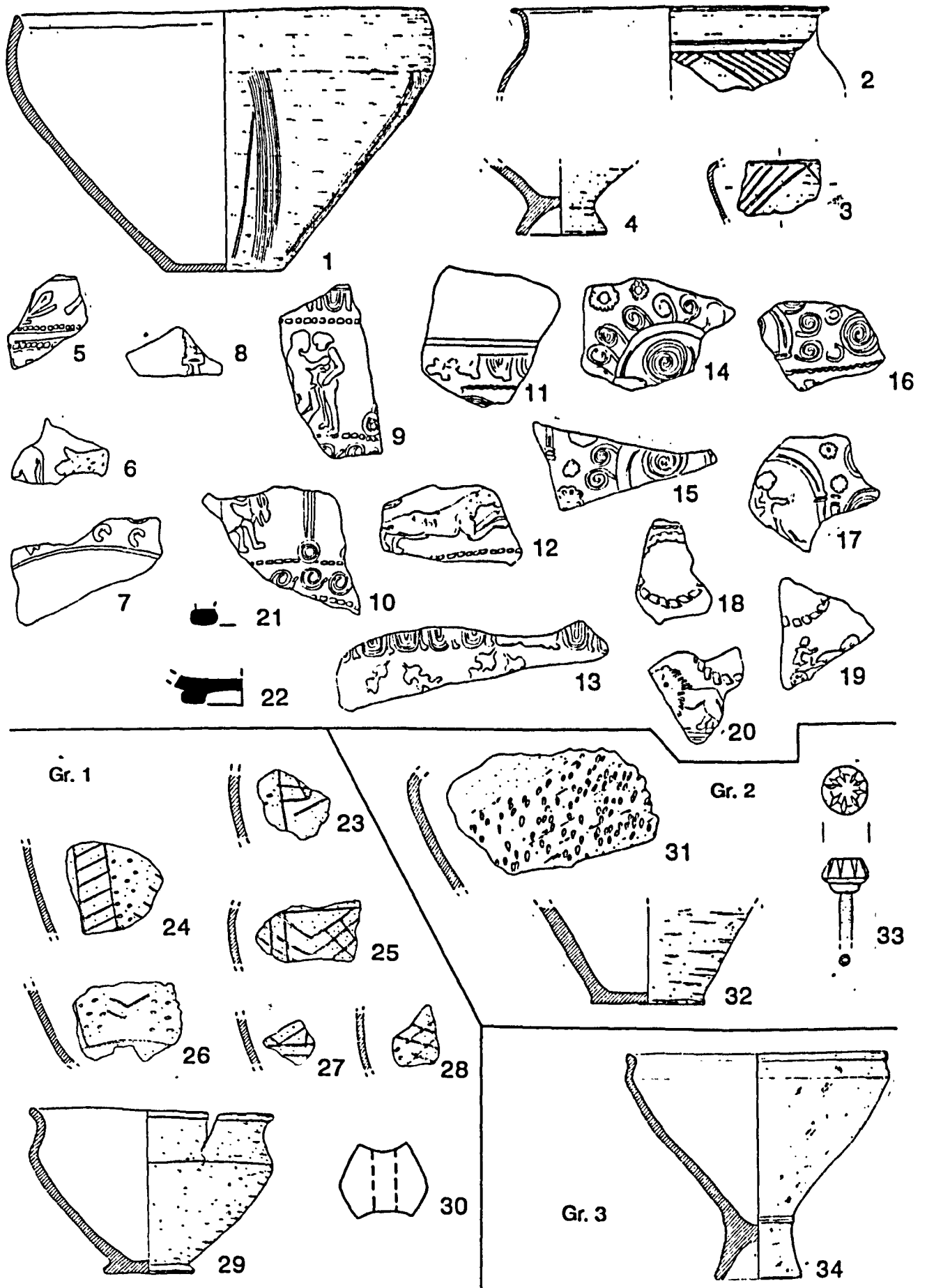


Fig. II. A7 Niederpleis: Find A (Contd., 1-22), Grave 1 (23-30), Grave 2 (31-33), Grave 3 (34). Scales: 1-4, 21, 22, 23-29, 31-32, 34, 1:4; 5-20, 30, 33, 1:2.

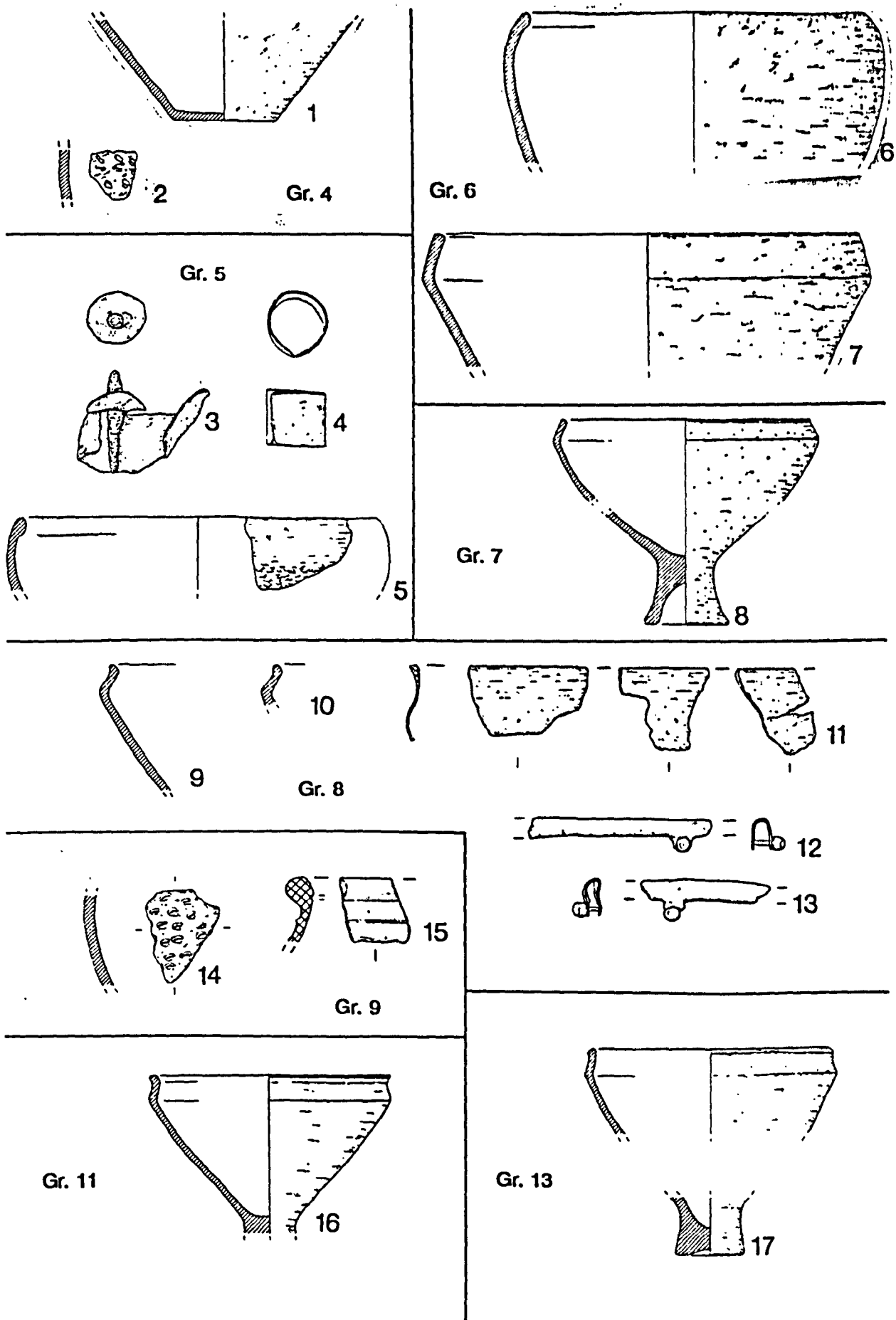


Fig. III. A7 Niederpleis: Grave 4 (1, 2), Grave 5 (3-5), Grave 6 (6, 7), Grave 7 (8), Grave 8 (9-13), Grave 9 (14, 15), Grave 11 (16), Grave 13 (17). Scales: 1, 2, 5, 6-10, 14, 16, 17, 1:4; 3, 4, 11-13, 15, 1:2.

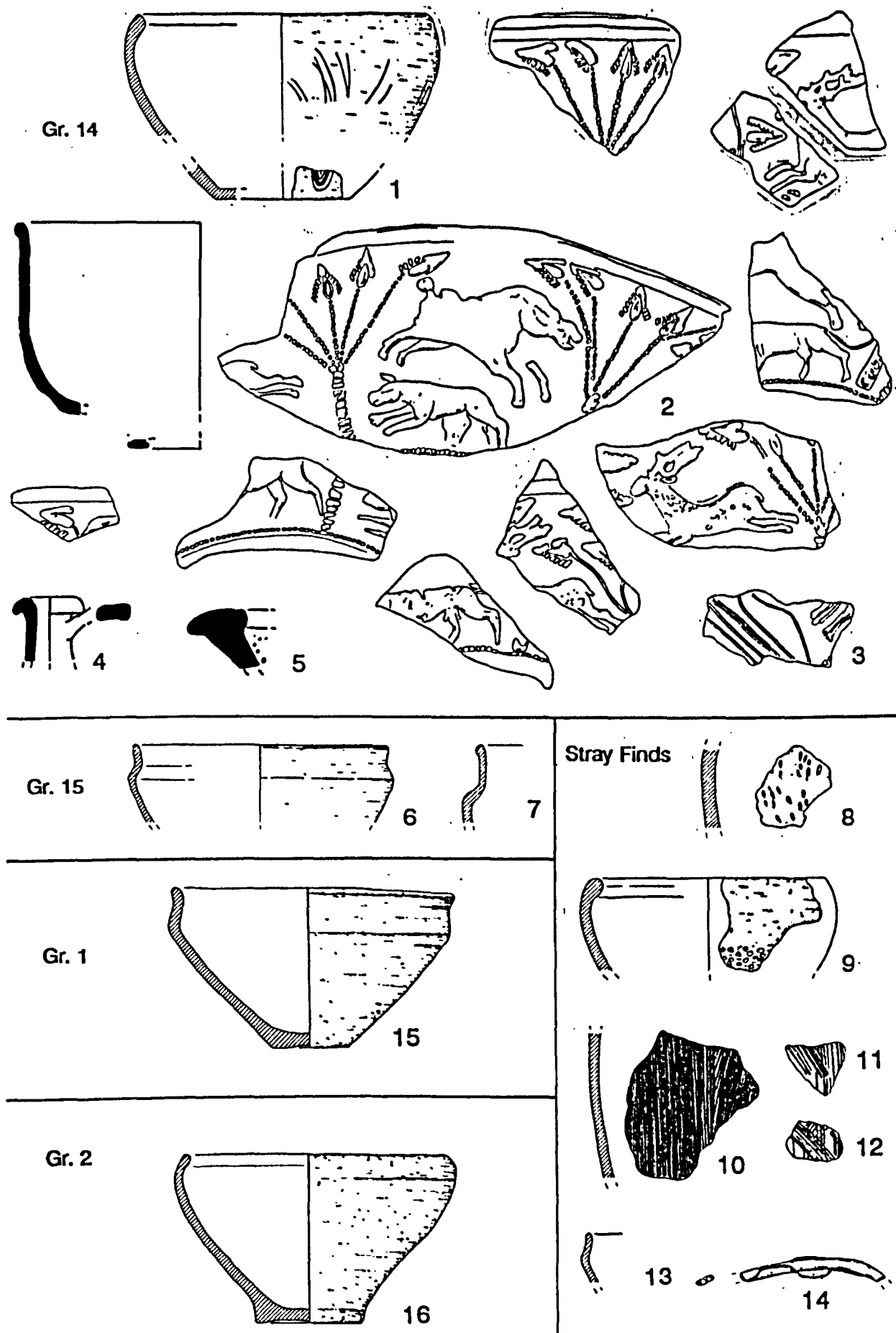


Fig. IV. A7 Niederpleis: Grave 14 (1-5), Grave 15 (6, 7), Stray Finds (8-14); A9 Wahn: Grave 1 (15), Grave 2 (16). Scales: 1, 2a, 4-13, 15, 16, 1:4; 2b, 3, 14, 1:2.

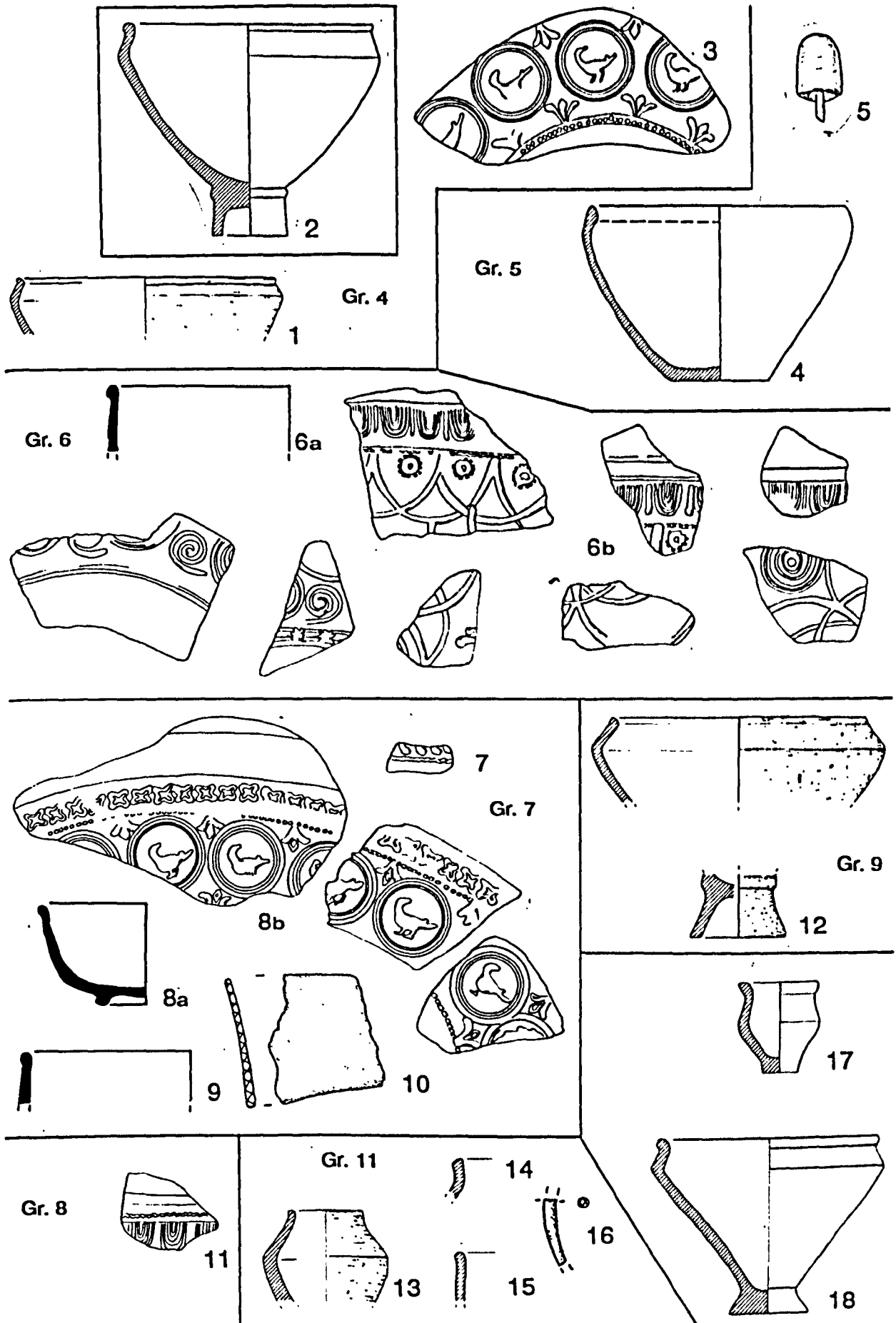


Fig. V. A9 Wahn: Grave 4 (1-3), Grave 5 (4, 5), Grave 6 (6a/b), Grave 7 (7-10), Grave 8 (11), Grave 9 (12), Grave 11 (13-6), context uncertain (17, 18). Scales: 1, 2, 4, 6a, 8a, 9, 12, 13-15, 17, 18, 1:4; 3, 5, 6b, 7, 8b, 11, 16, 1:2.

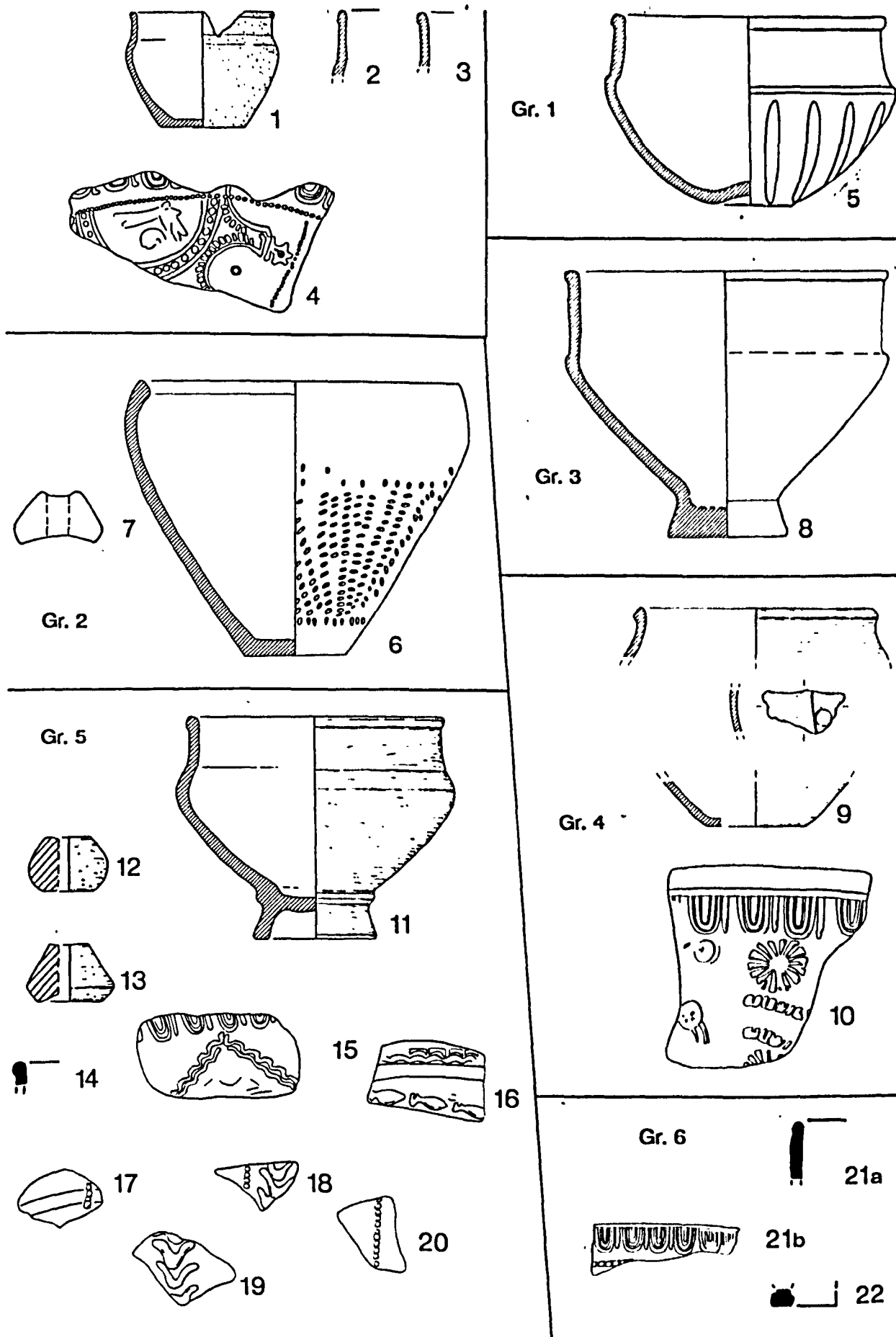


Fig. VI. A10 Rösrath-Hasbach: Finds from Graves 1-3 (1-4), Grave 1 (5), Grave 2 (6, 7), Grave 3 (8), Grave 4 (9, 10), Grave 5 (11-20), Grave 6 (21-22). Scales: 1-3, 5, 6, 8, 9, 11, 14, 21a, 22, 1:4; 4, 7, 10, 12, 13, 15-20, 21b, 1:2.

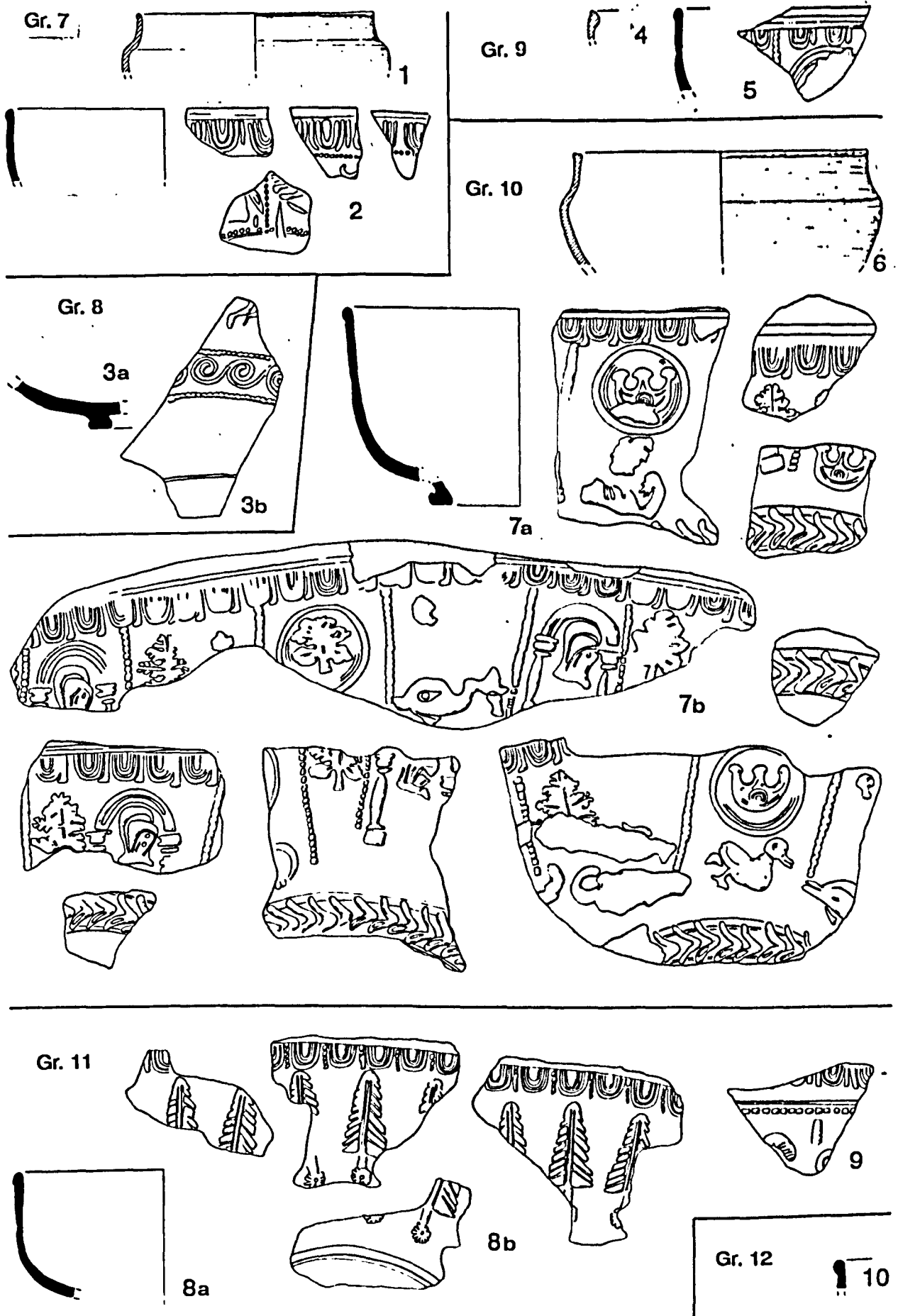


Fig. VII. A10 Rösrath-Hasbach: Grave 7 (1-2a/b), Grave 8 (3a/b), Grave 9 (4, 5a/b), Grave 10 (6, 7a/b), Grave 11 (8a/b, 9), Grave 12 (10). Scales: 1, 2a, 3a, 4, 5a, 6, 7a, 8a, 10, 1:4; 2b, 3b, 5b, 7b, 8b, 9, 1:2.

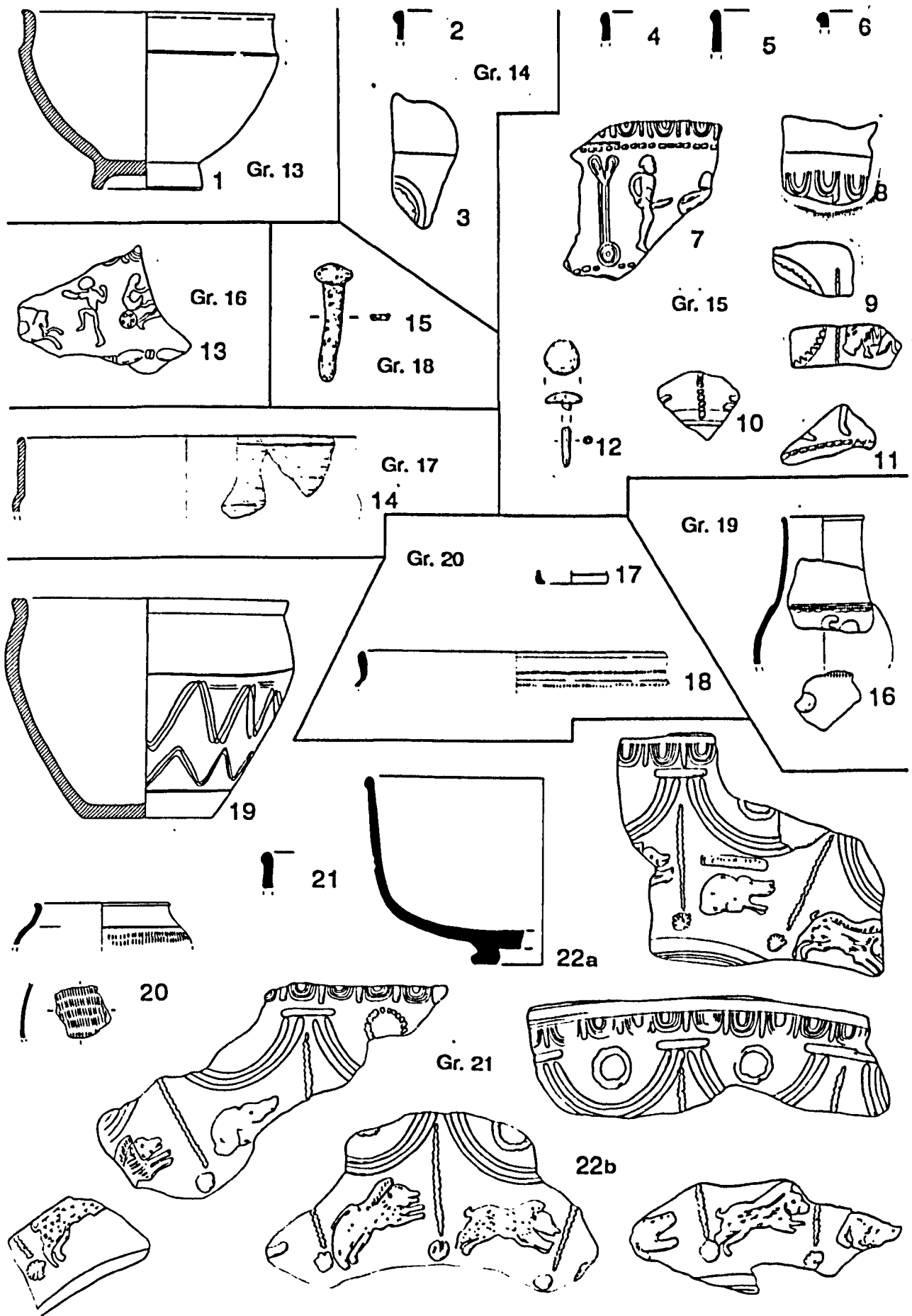


Fig. VIII. A10 Rösrath-Hasbach: Grave 13 (1), Grave 14 (2, 3) Grave 15 (4-12), Grave 16 (13), Grave 17 (14), Grave 18 (15), Grave 19 (16), Grave 20 (17, 18), Grave 21 (19-22a/b). Scales: 1, 2, 4-6, 14, 16-20, 21, 22a, 1:4; 3, 7-12, 13, 15, 22b, 1:2.

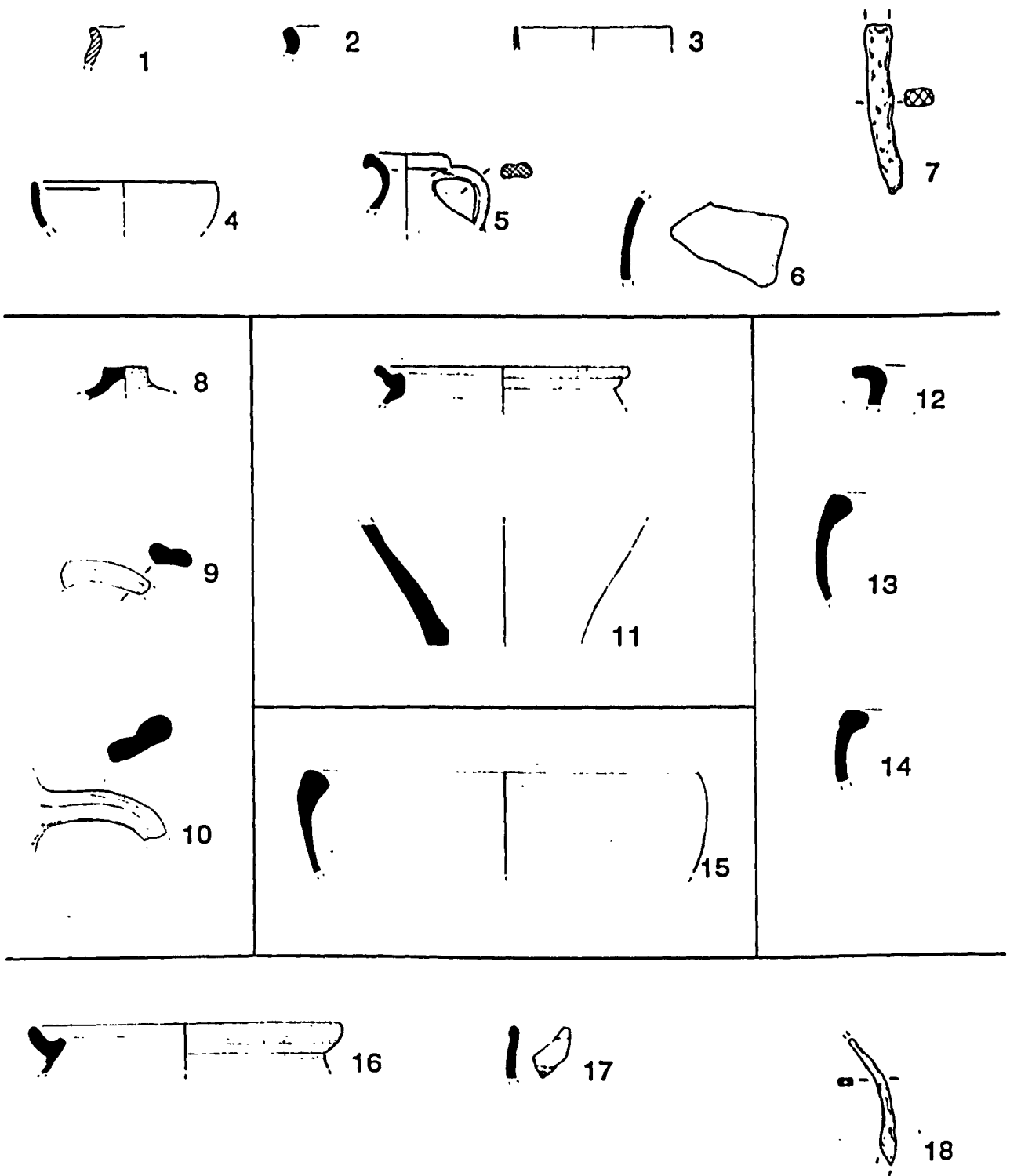


Fig. IX. A11 Poll: Scales: 1-6, 8-17, 1:4; 7, 18, 1:2.

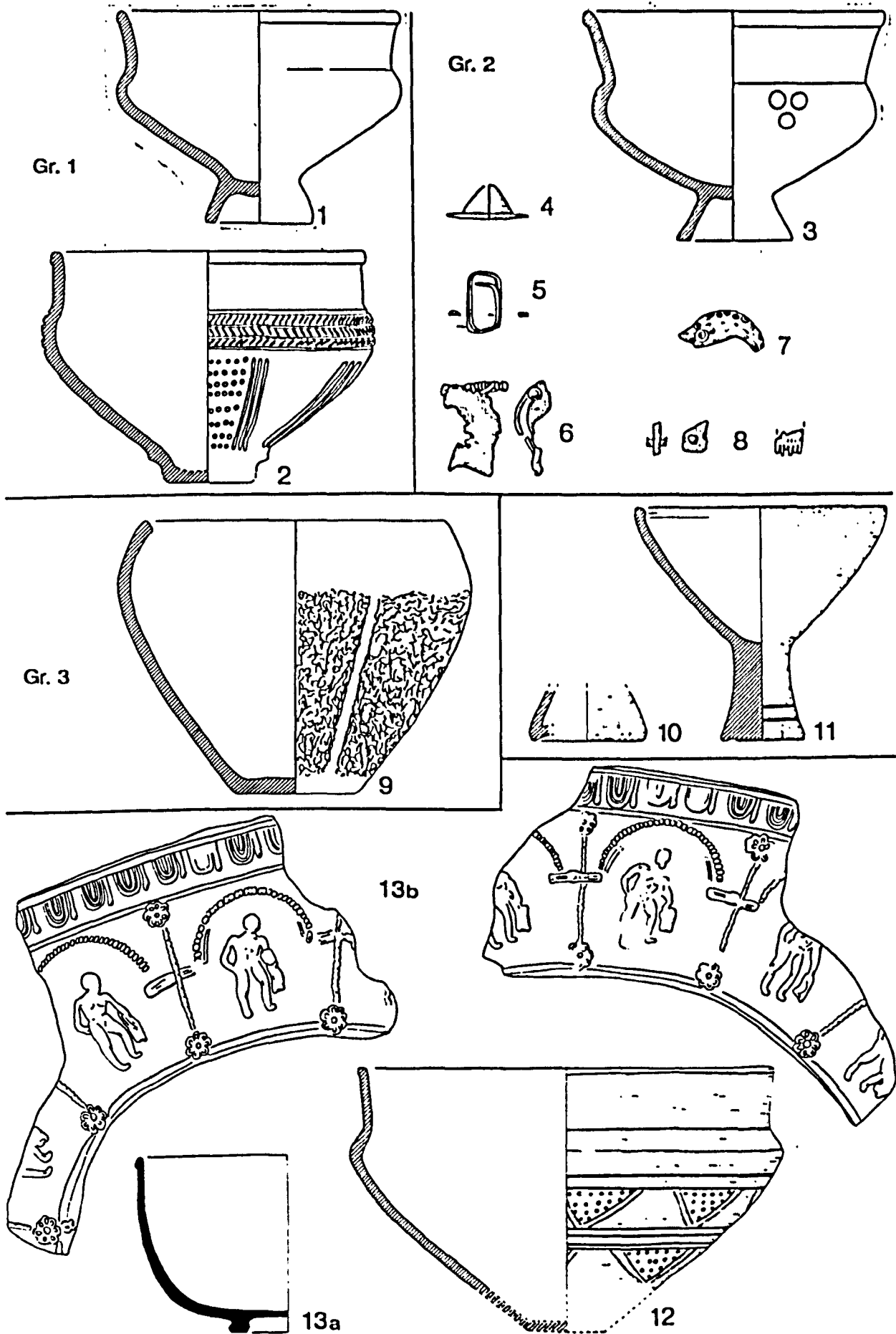


Fig. X. A14 Bensberg: Grave 1 (1, 2), Grave 2 (3-8), Grave 3 (9); A15 Köln-Dellbrück (10, 11); A16 Thielenbruch (12, 13a/b). Scales: 1-3, 9-12, 13a, 1:4; 4-8, 13b, 1:2.



Fig. XI. A18 Bergisch Gladbach: Find A (1-17), Find D (18-21), Grave 3 (22-29), Grave 5 (30), Grave 6 (31). Scales: 1-7, 10, 11, 22-9, 31, 1:4; 8, 9, 12, 13, 15-21, 30, 1:2; 14, 1:1.

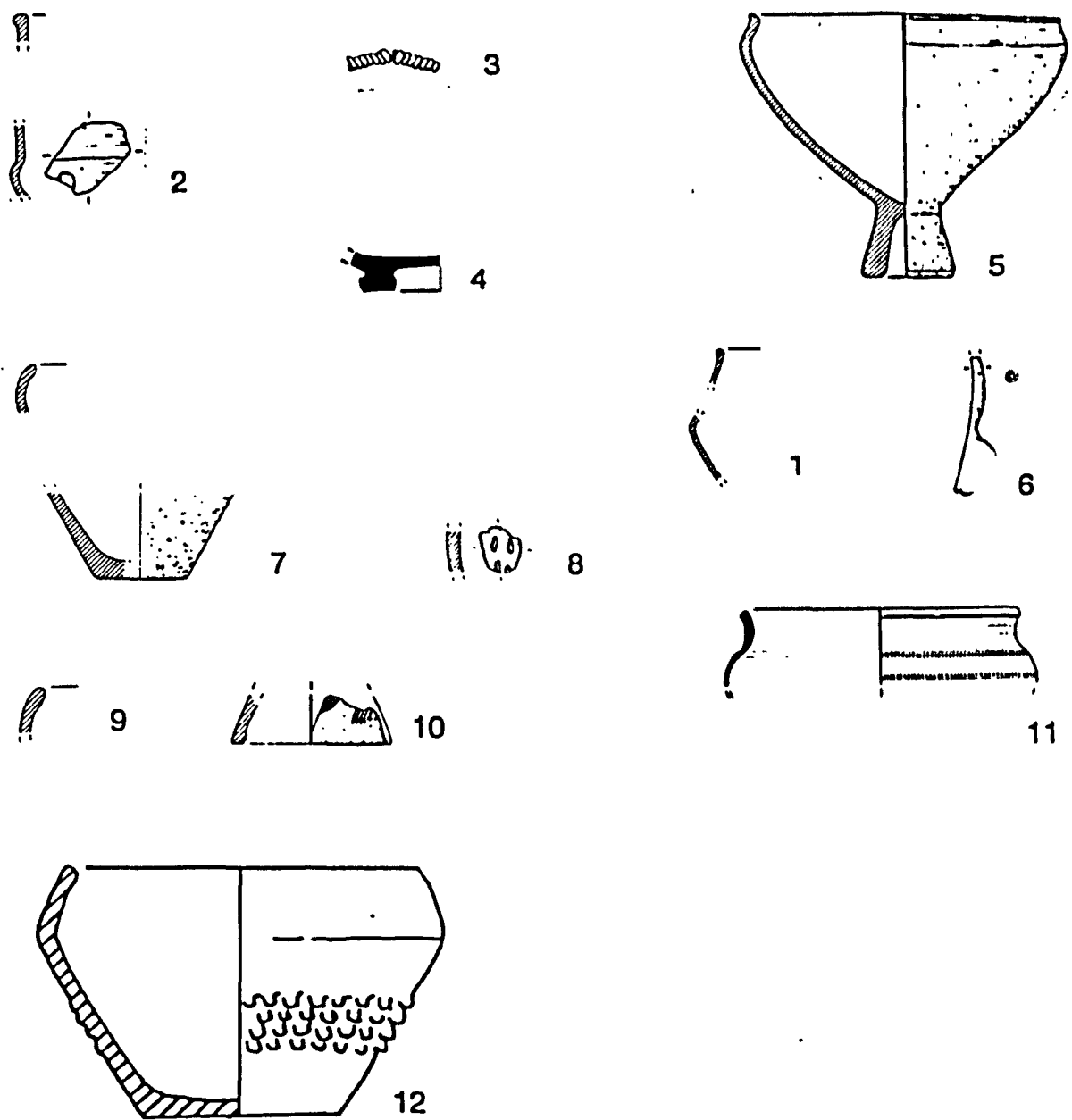


Fig. XII. A18 Bergisch Gladbach: Grave 7 (2), Grave 8 (3), Grave 9 (4), Grave 10 (1,5,6), Grave 11 (7), Grave 13 (8), Grave 15 (11); A19 Leverkusen-Schlebusch (12). Scales: 1, 2, 4, 5, 7-12, 1:4; 3, 6, 1:2.

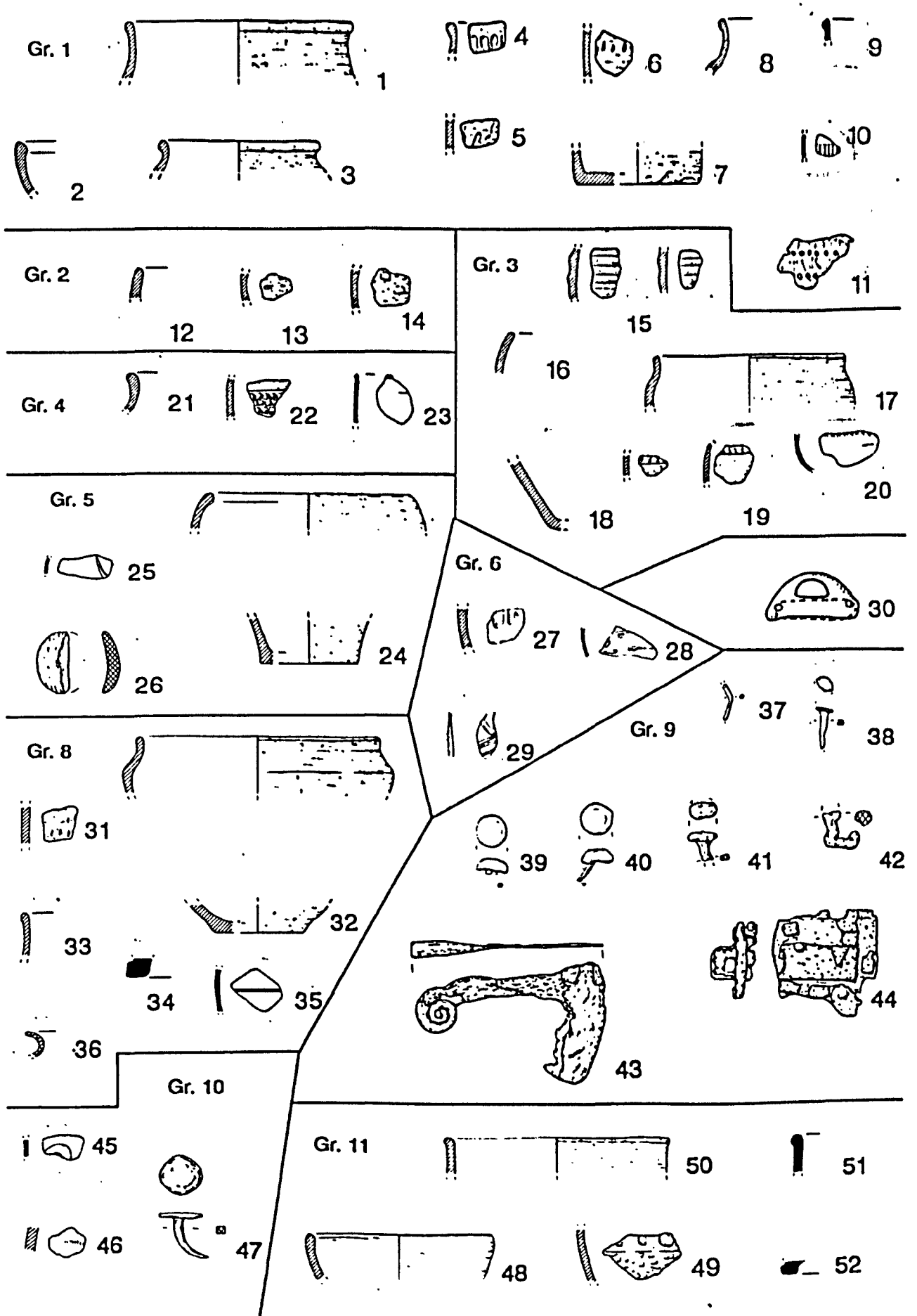


Fig. XIII. A22 Rheindorf: Grave 1 (1-11), Grave 2 (12-14), Grave 3 (15-20), Grave 4 (21-23), Grave 5 (24-26), Grave 6 (27-29), Grave 7 (30), Grave 8 (31-36), Grave 9 (37-44), Grave 10 (45-47), Grave 11 (48-52, Contd. fig. XIV). Scales: 1-10, 12-25, 27-9, 31-5, 45, 46, 48-52, 1:4; 11, 26, 30, 36, 37-44, 47, 1:2.

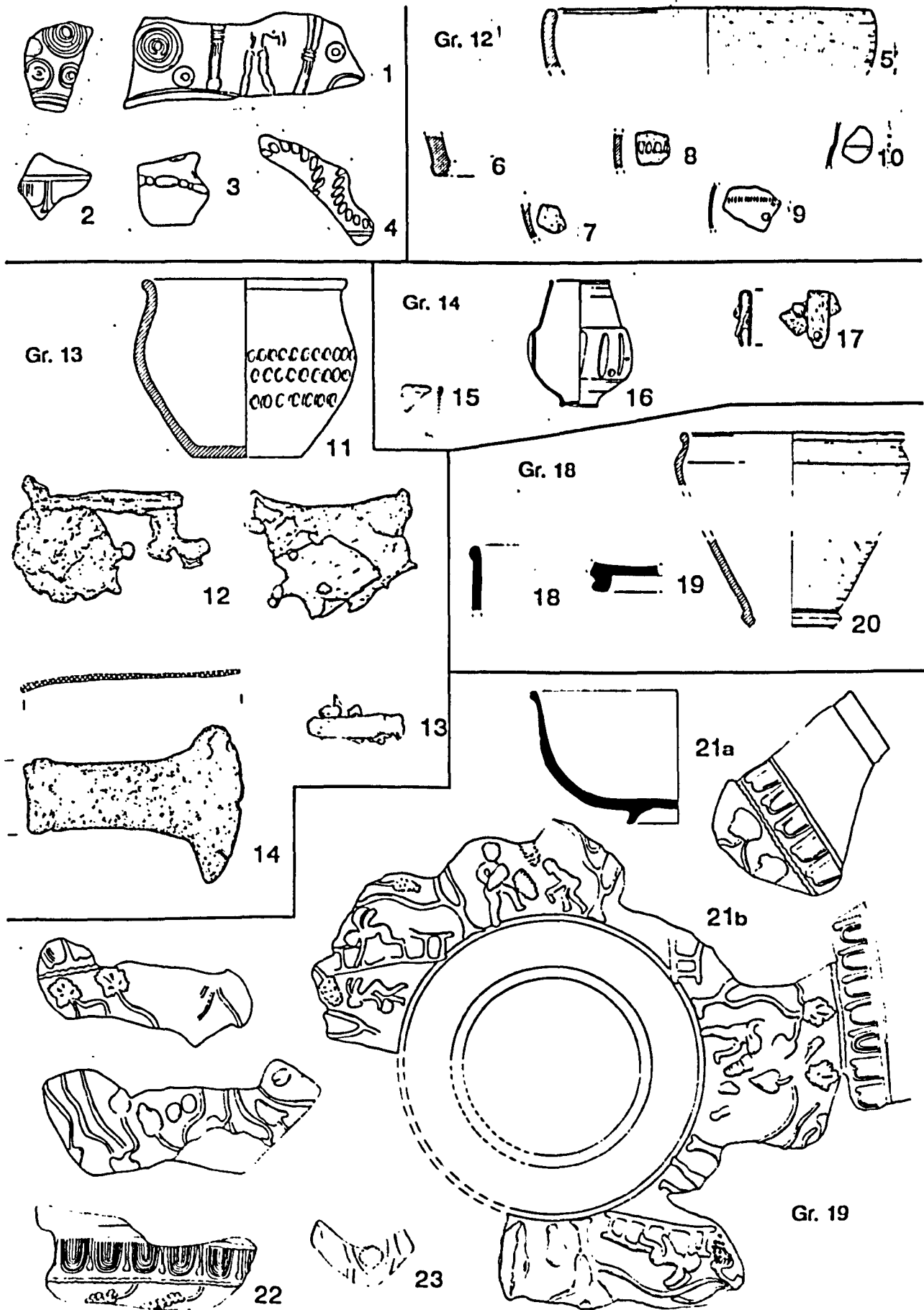


Fig. XIV. A22 Rheindorf: Grave 11 (Contd., 1-4), Grave 12 (5-10), Grave 13 (11-14), Grave 14 (15-17), Grave 18 (18-20), Grave 19 (21-23). Scales: 5-11, 16, 18-20, 21a, 1:4; 1-4, 12-15, 17, 21b, 22, 23, 1:2.

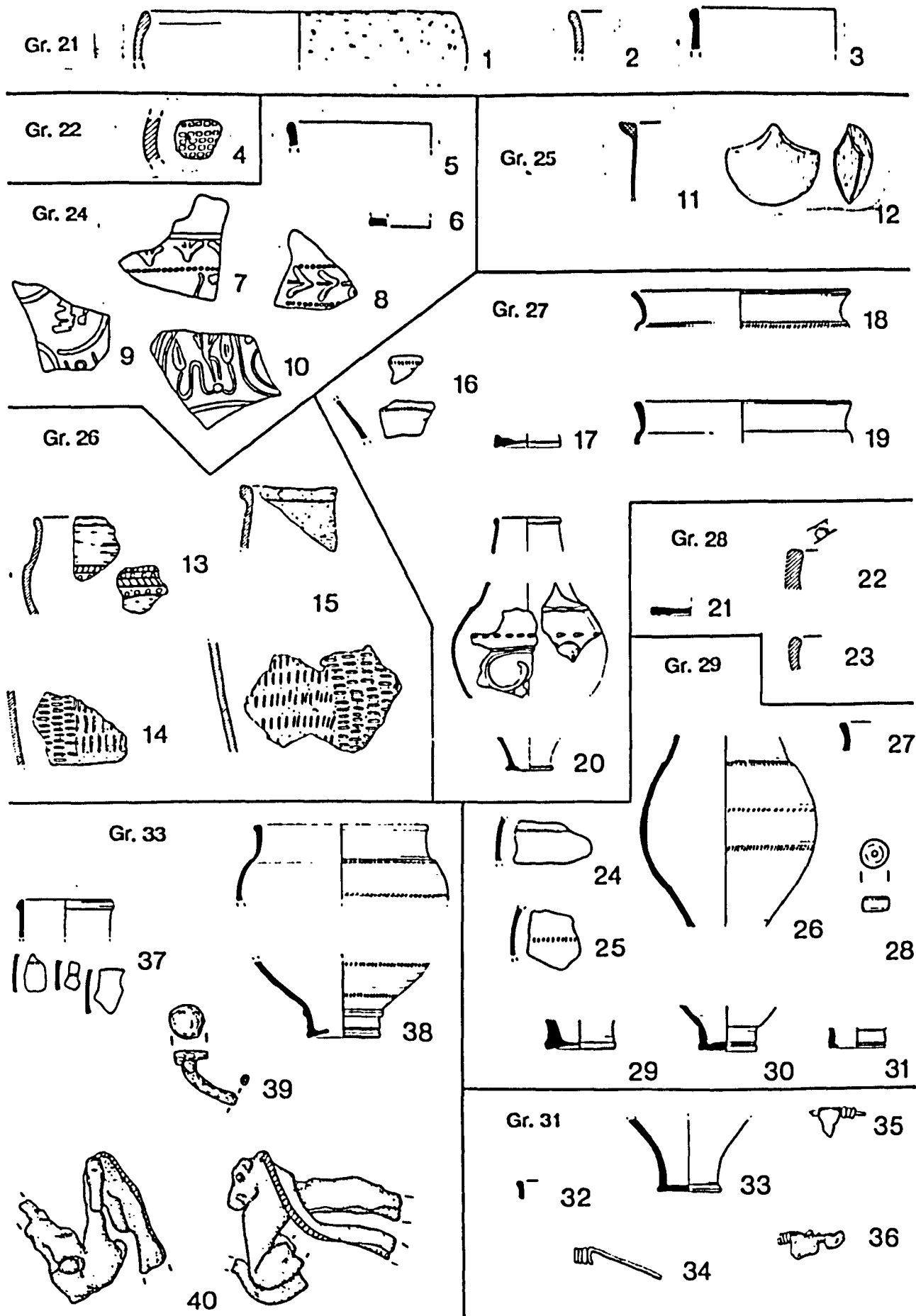


Fig. XV. A22 Rheindorf: Grave 21 (1-3), Grave 22 (4), Grave 24 (5-10), Grave 25 (11, 12), Grave 26 (13-15), Grave 27 (16-20), Grave 28 (21-23), Grave 29 (24-31), Grave 31 (32-36), Grave 33 (37-40). Scales: 1-6, 13-27, 29-33, 37, 38, 1:4; 7-12, 28, 34-36, 39, 1:2; 40, 1:1.

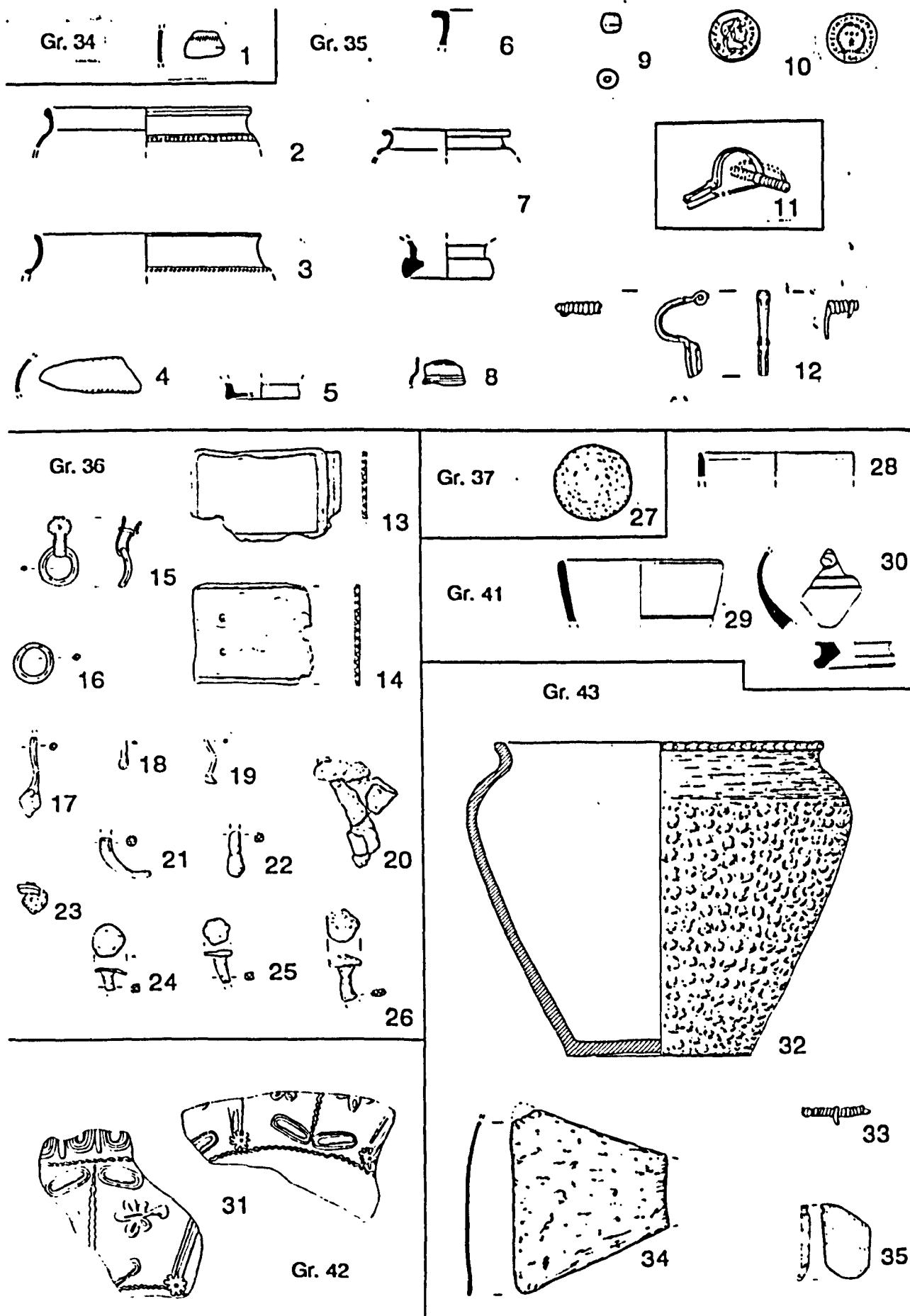


Fig. XVI. A22 Rheindorf: Grave 34 (1), Grave 35 (2-12), Grave 36 (13-26), Grave 37 (27), Grave 41 (28-30), Grave 42 (31), Grave 43 (32-35). Scales: 1-8, 28-30, 32, 1:4; 10-27, 31, 33-35, 1:2; 9, 1:1.

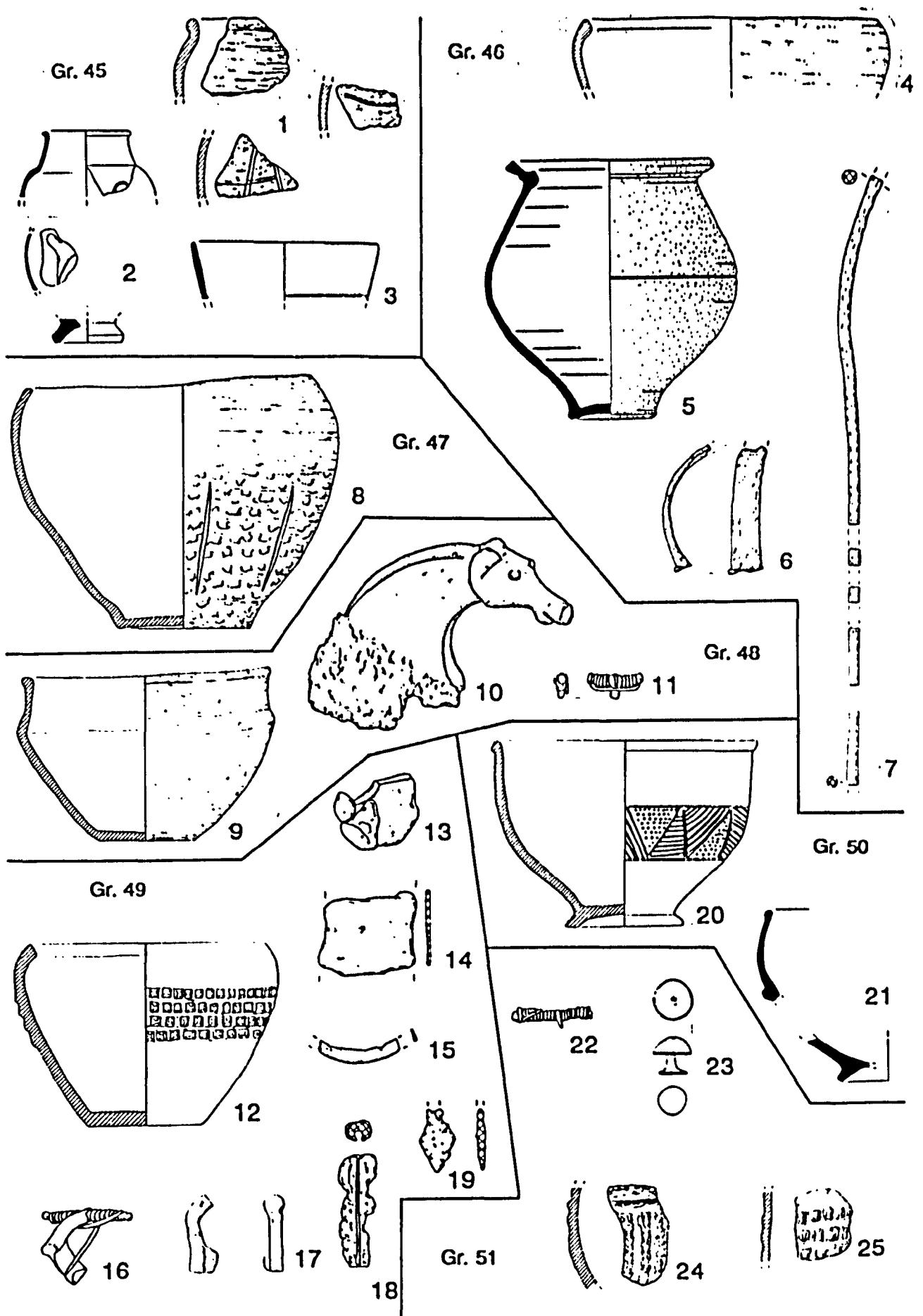


Fig. XVII. A22 Rheindorf: Grave 45 (1-3), Grave 46 (4-7), Grave 47 (8), Grave 48 (9-11), Grave 49 (12-19), Grave 50 (20, 21), Grave 51 (22-25). Scales: 1-5, 8, 9, 12, 20, 21, 24, 25, 1:4; 6-7, 11, 13-19, 22, 23, 1:2; 10, 1:1.

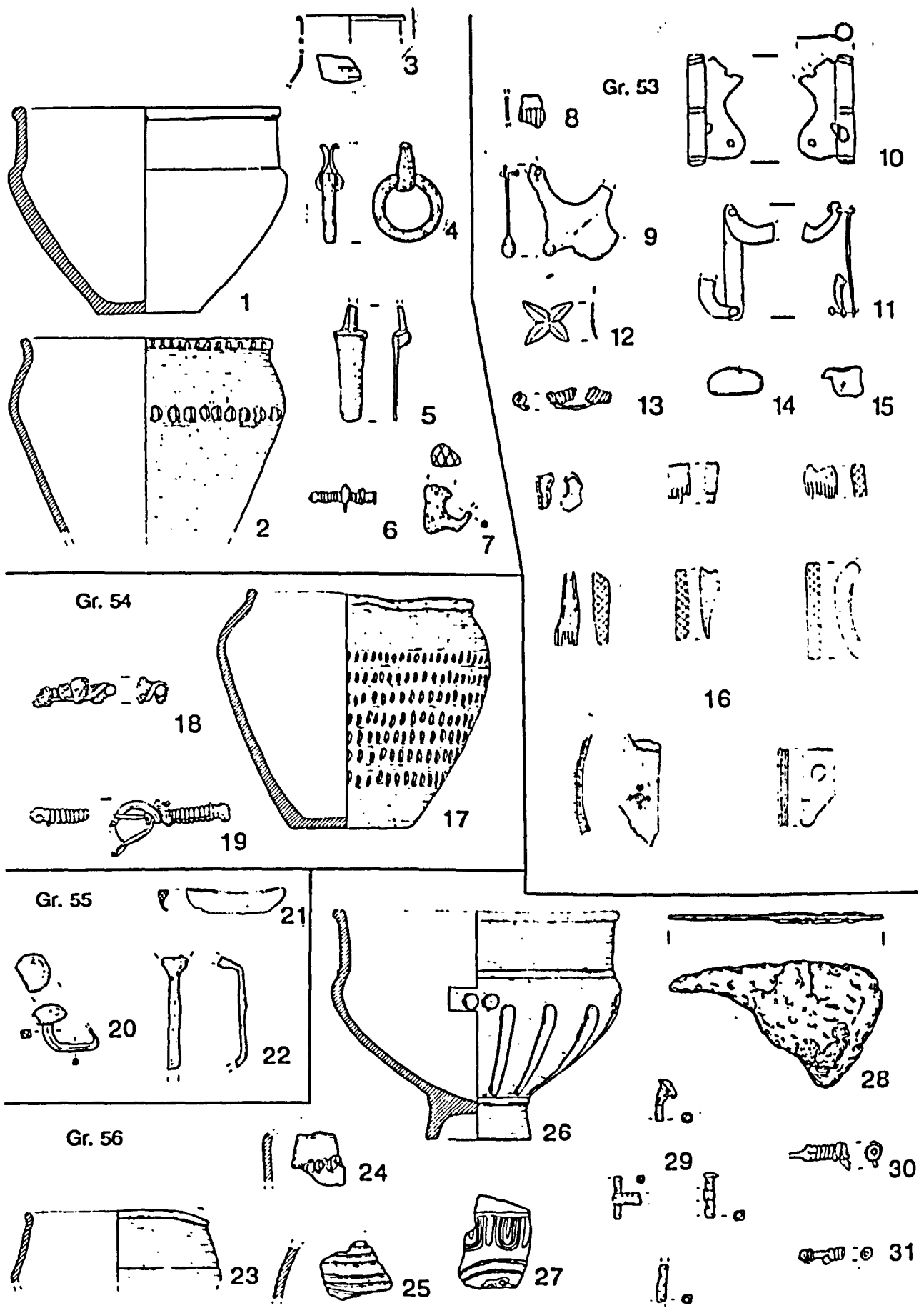


Fig. XVIII. A22 Rheindorf: Grave 52 (1-7), Grave 53 (8-16), Grave 54 (17-9), Grave 55 (20-2), Grave 56 (23-31). Scales: 1-3, 8, 17, 23-26, 1:4; 4-7, 9-16, 18-22, 27-31, 1:2.

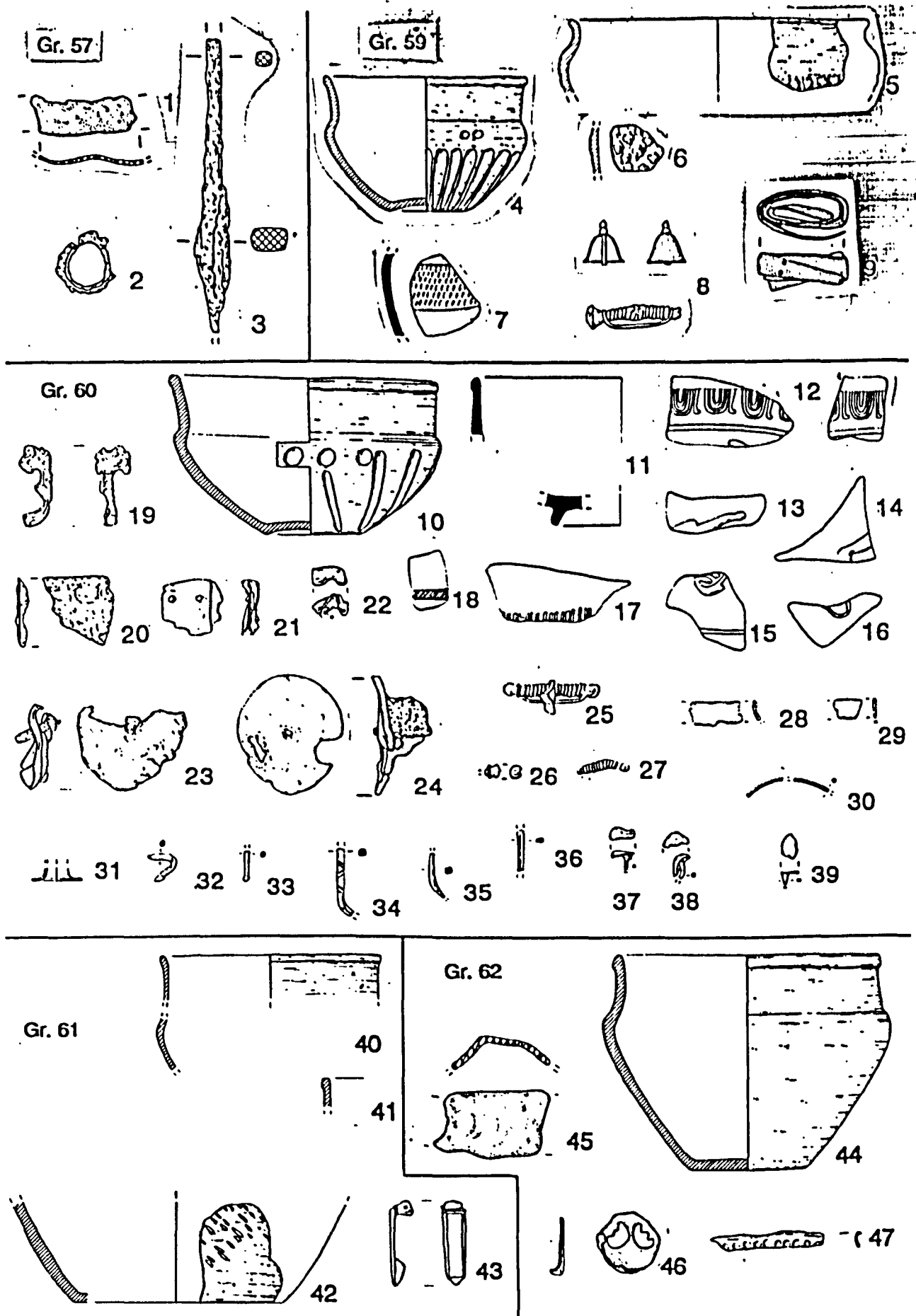


Fig. XIX. A22 Rheindorf: Grave 57 (1-3), Grave 59 (4-9), Grave 60 (10-39), Grave 61 (40-43), Grave 62 (44-47, Contd. fig. XX). Scales: 4-7, 10, 11, 40-42 44, 1:4; 1-3, 8, 9, 12-39, 43, 45-44, 1:2.

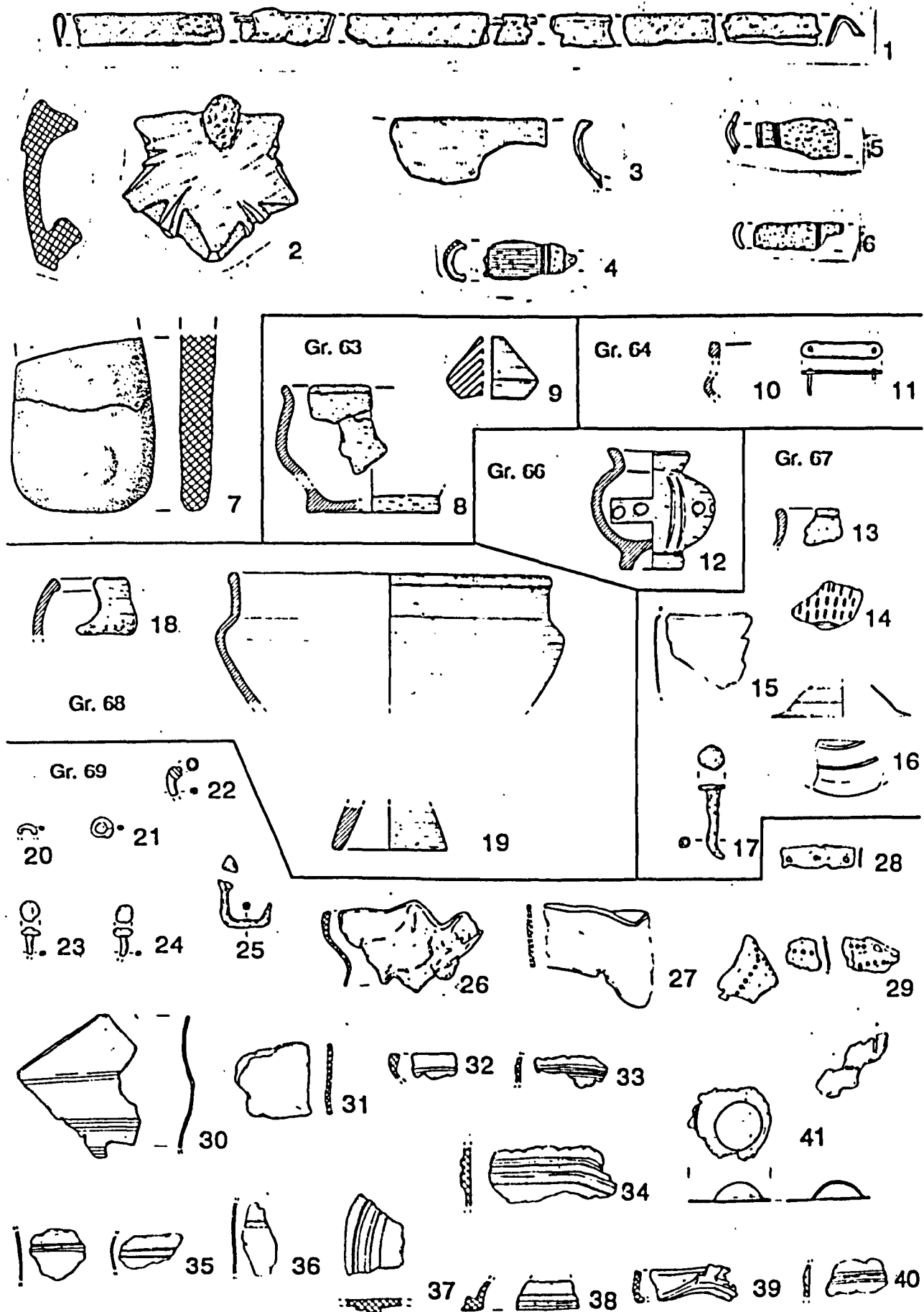


Fig. XX. A22 Rheindorf: Grave 62 (Contd., 1-7), Grave 63 (8, 9), Grave 64 (10, 11), Grave 66 (12), Grave 67 (13-17), Grave 68 (18, 19), Grave 69 (20-41). Scales: 8, 10, 12-14, 18, 19, 1:4; 1-7, 9, 11, 15-7, 20-41, 1:2.

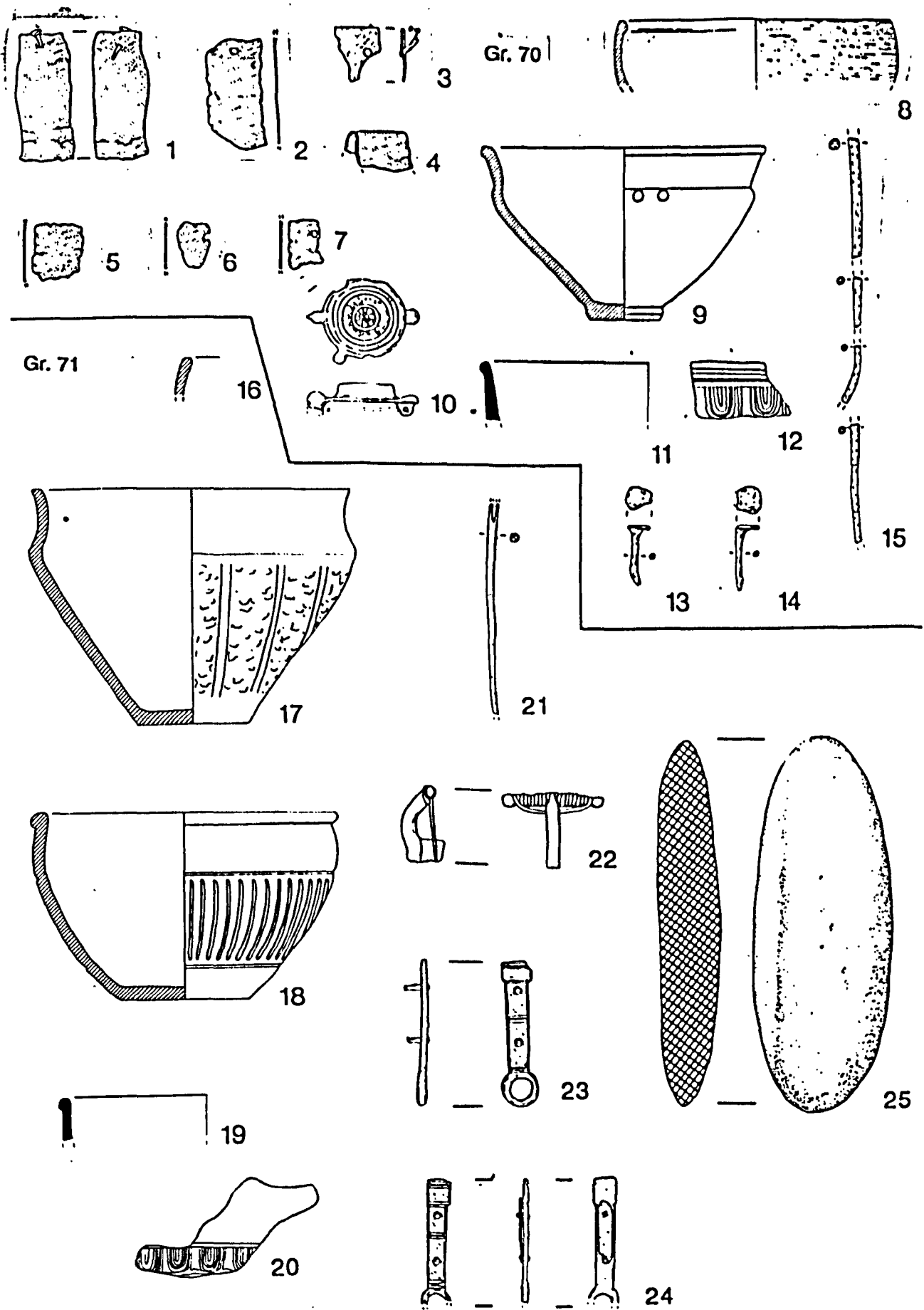


Fig. XXI. A22 Rheindorf: Grave 70 (1-15), Grave 71 (16-25). Scales: 8, 9, 11, 16-19, 1:4; 1-7, 10, 12-15, 20-25, 1:2.

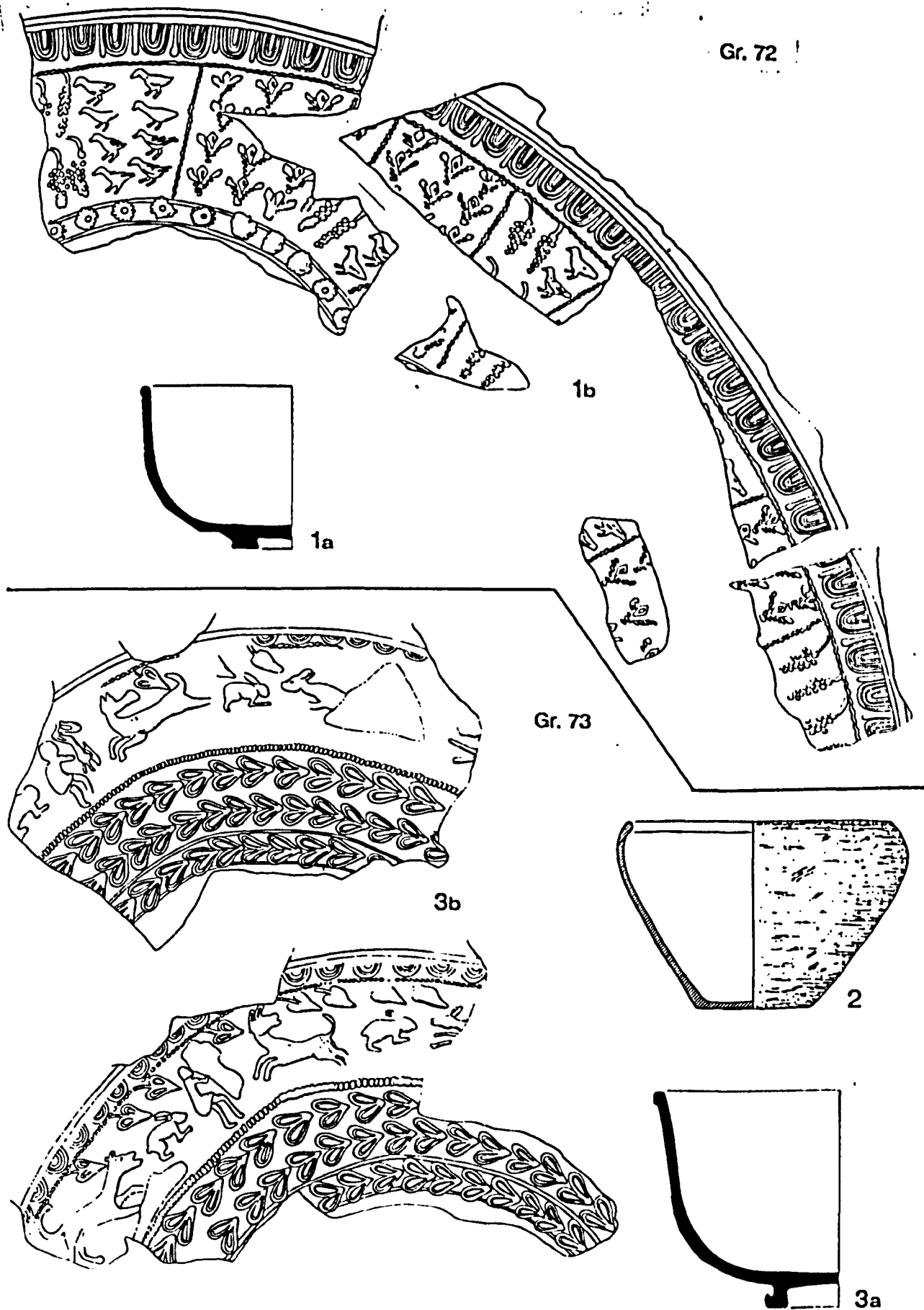


Fig. XXII. A22 Rheindorf: Grave 72 (1a/b), Grave 73 (2, 3a/b, Contd. fig. XXIII). Scales: 1a, 2, 3a, 1:4, 1b, 3b, 1:2.

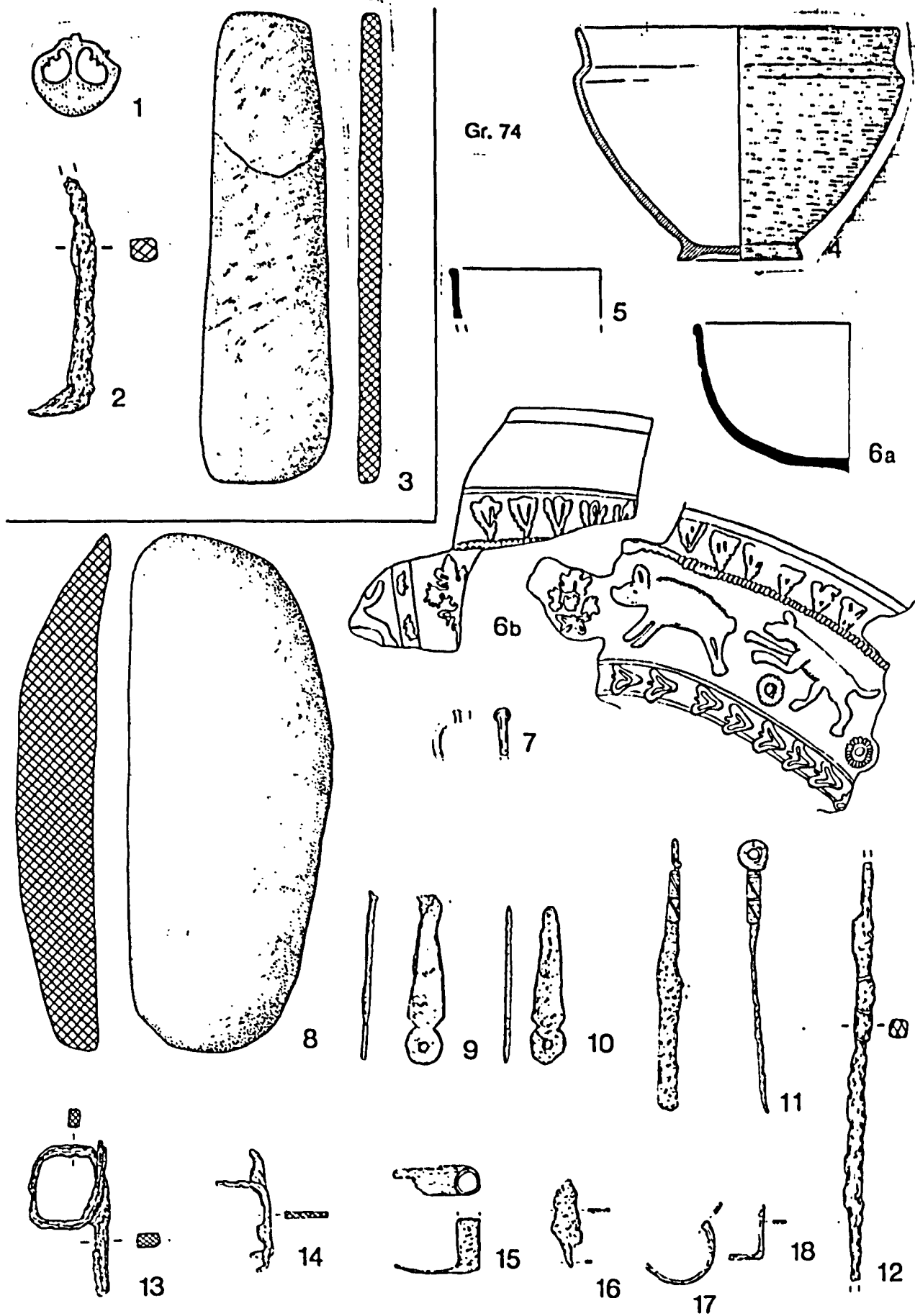


Fig. XXIII. A22 Rheindorf: Grave 73 (Contd., 1-3), Grave 74 (4-18). Scales: 4, 5, 6a, 1:4; 2, 3, 6b, 7-18, 1:2; 1, 3:5-2:3.

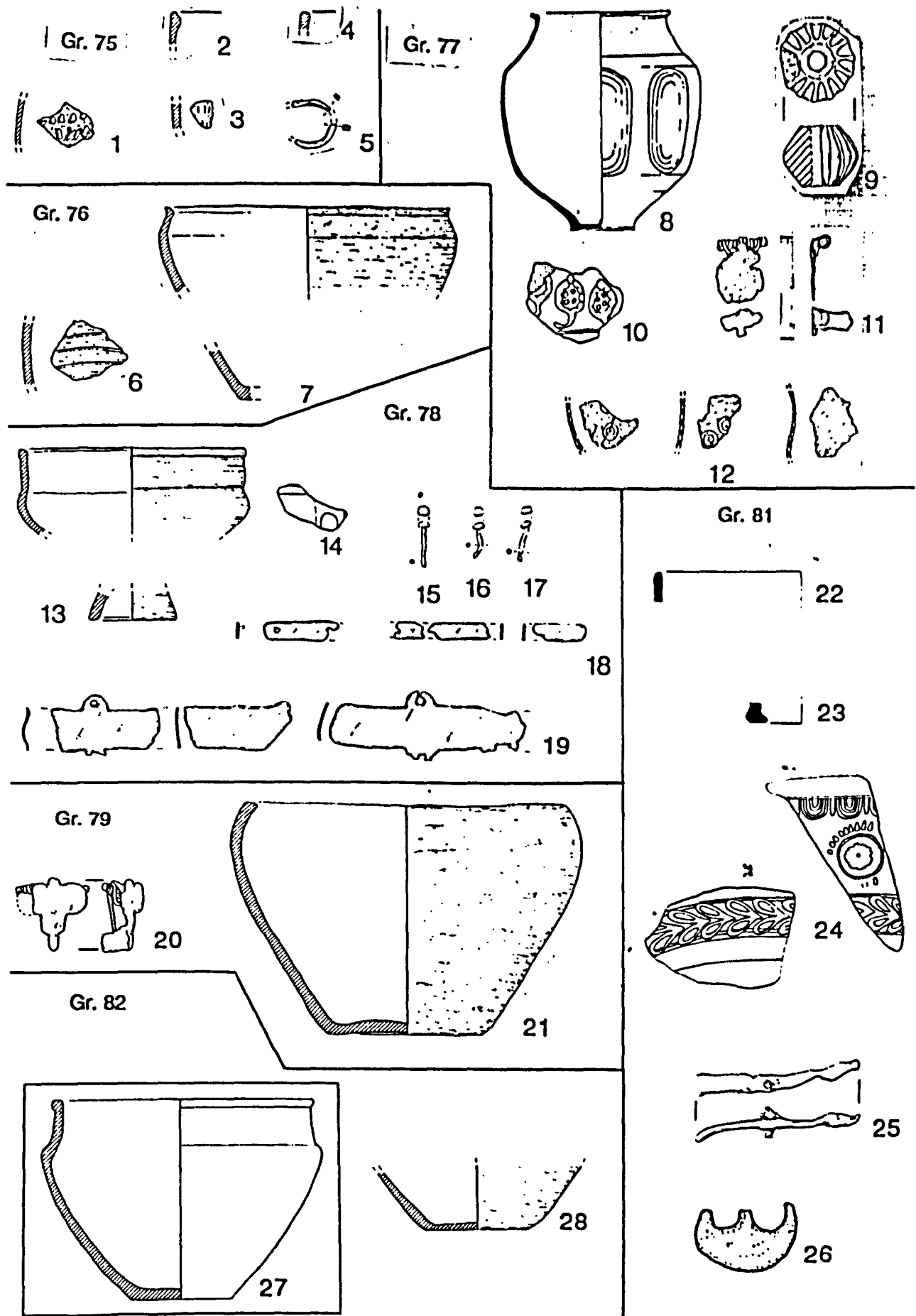


Fig. XXIV. A22 Rheindorf: Grave 75 (1-5), Grave 76 (6-7), Grave 77 (8-12), Grave 78 (13-19), Grave 79 (20, 21), Grave 81 (22-26), Grave 82 (27, 28). Scales: 1-4, 6-8, 13, 21-23, 27, 28, 1:4; 5, 9-12, 14-20, 24-26, 1:2.

Gr. 80

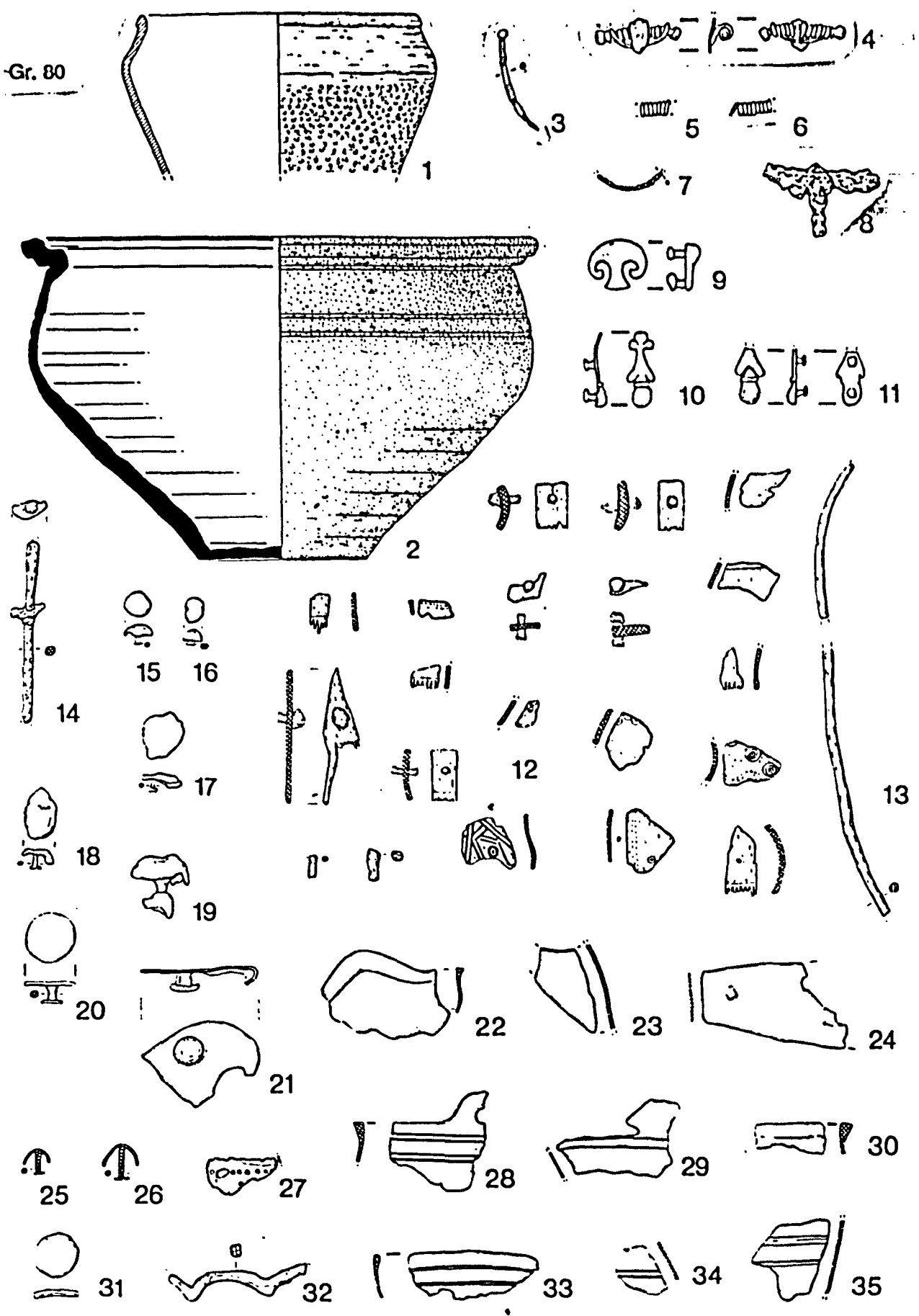


Fig. XXV. A22 Rheindorf: Grave 80 (Contd. fig. XXVI). Scales: 1, 2, 1:4; 3-35, 1:2.

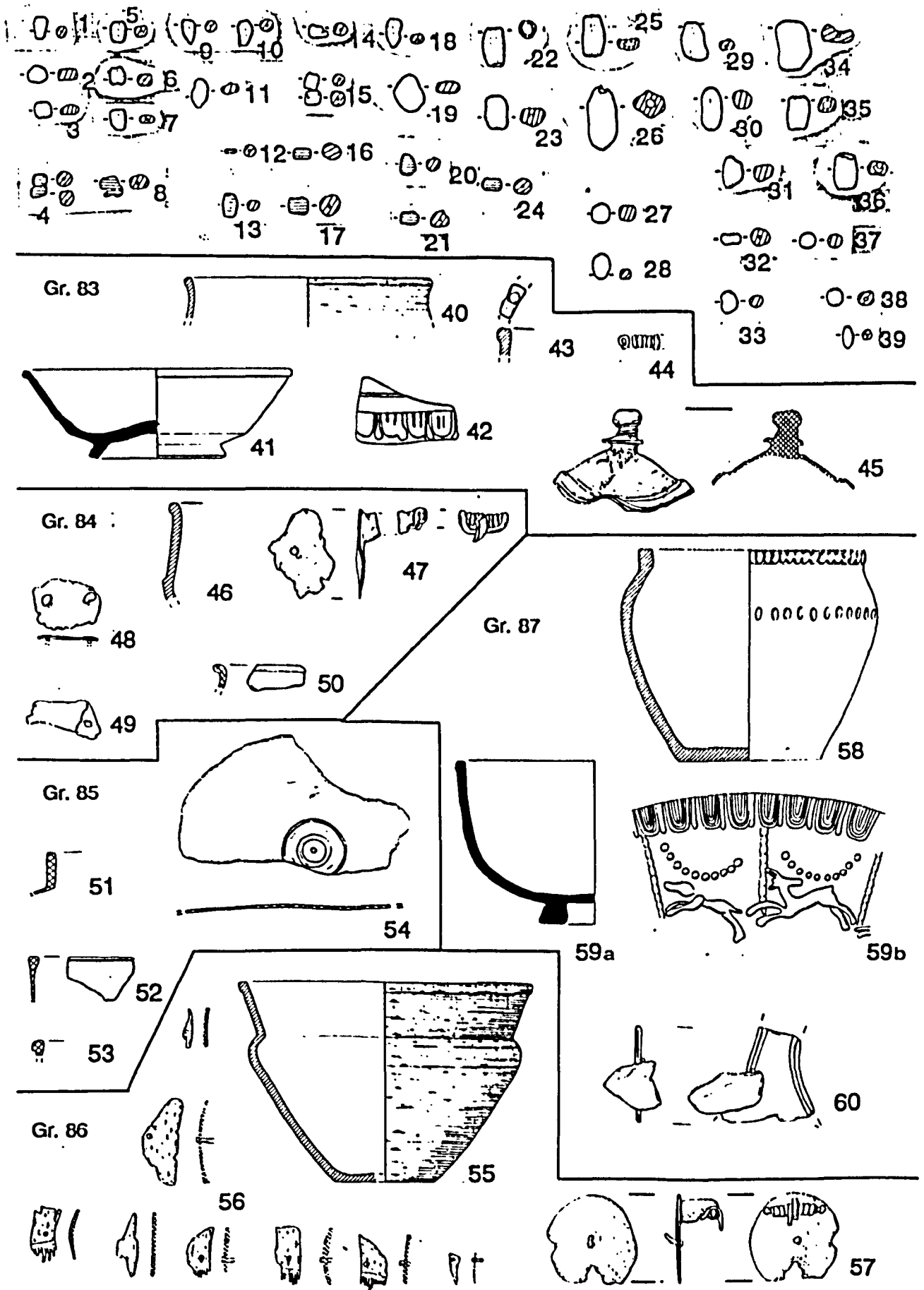


Fig. XXVI. A22 Rheindorf: Grave 80 (Contd., 1-39), Grave 83 (40-45), Grave 84 (46-50), Grave 85 (51-54), Grave 86 (55-57), Grave 87 (58-60). Scales: 40, 41, 43, 46, 55, 58, 59a, 1:4; 1-39, 44, 45, 47-50, 51-54, 56, 57, 59b, 60, 1:2.

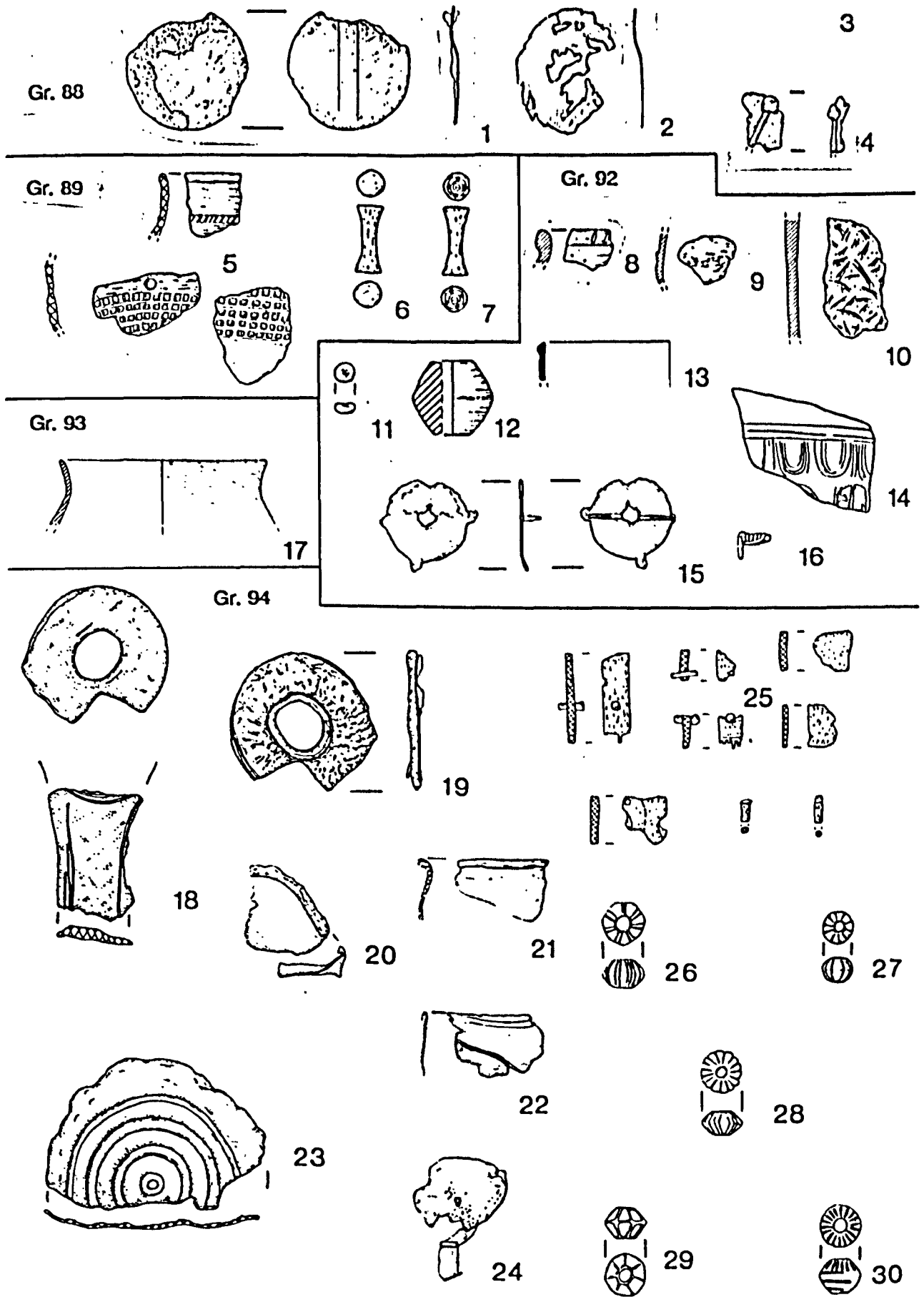


Fig. XXVII. A22 Rheindorf: Grave 88 (1-4), Grave 89 (5-7), Grave 92 (8-16), Grave 93 (17), Grave 94 (18-30). Scales: 5, 8-10, 13, 17, 1:4; 1-4, 6, 7, 11, 12, 14-16, 18-30, 1:2.

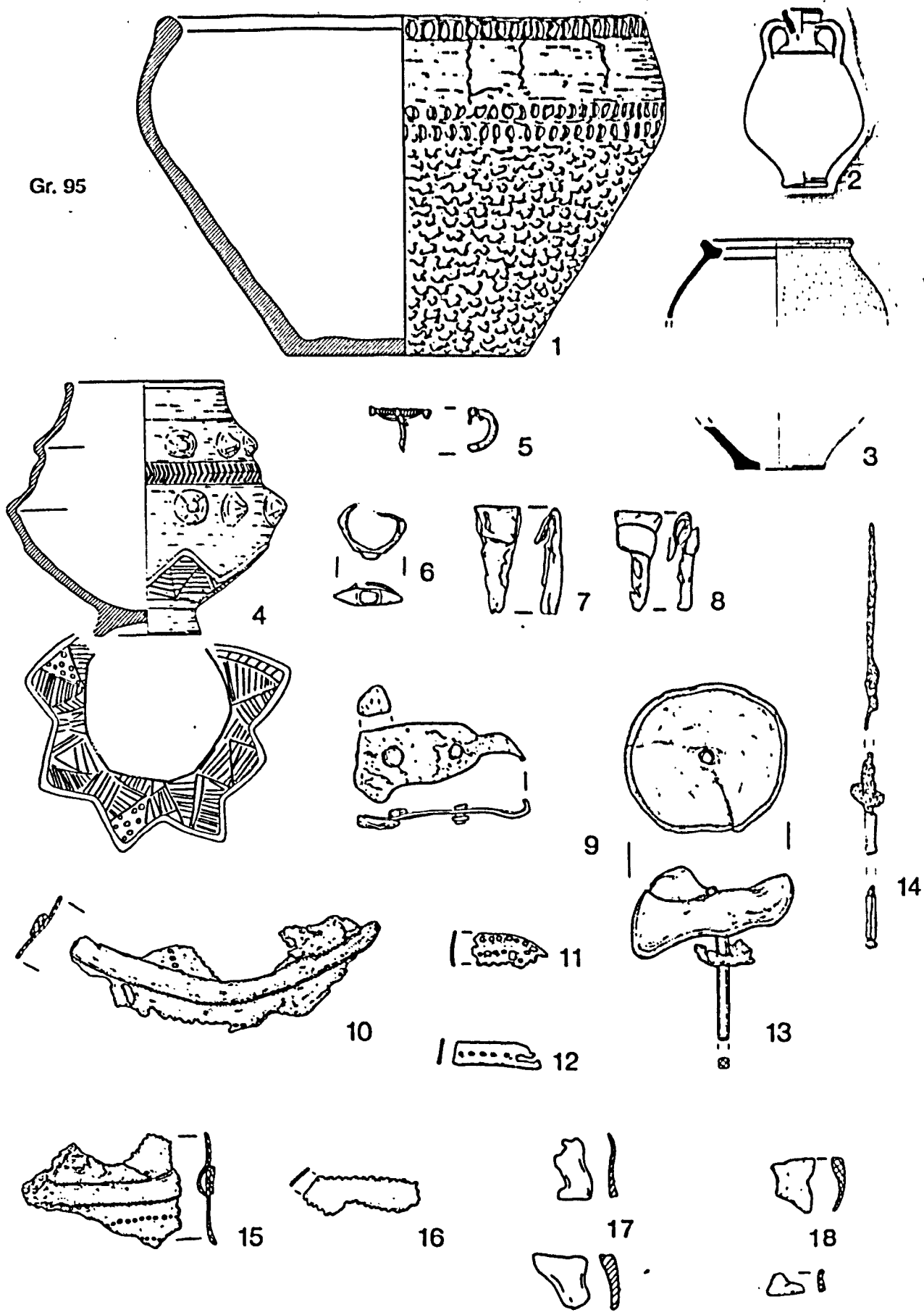


Fig. XXVIII. A22 Rheindorf: Grave 95. Scales: 1-4, 1:4; 5-18, 1:2 (Contd. fig. XXIX).

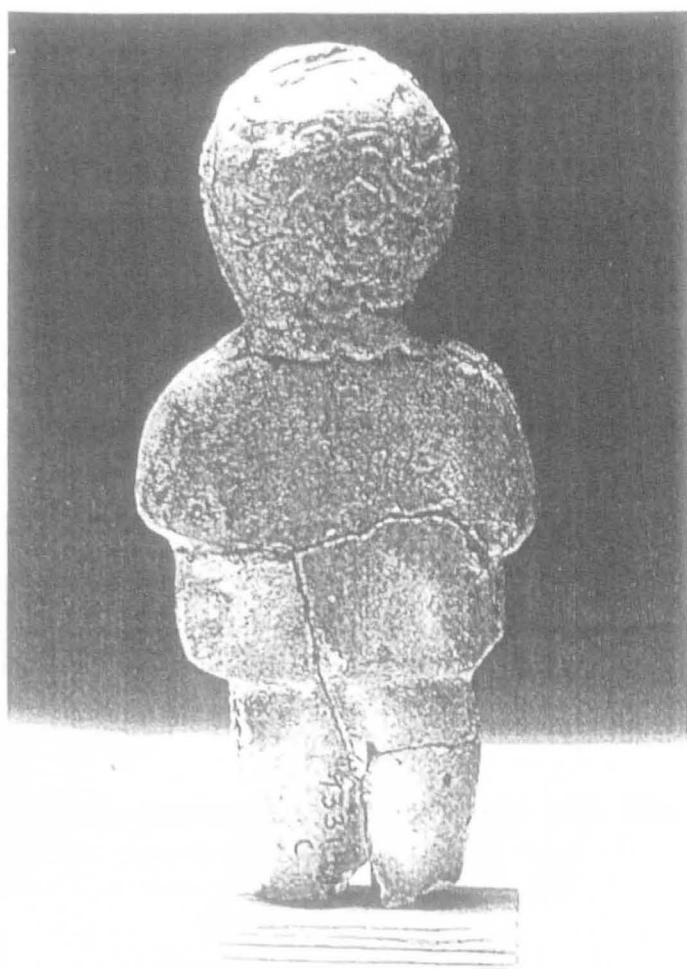


Fig. XXIX. A22 Rheindorf: Grave 95. Terracotta figurine. Actual size: 15.5 cm.

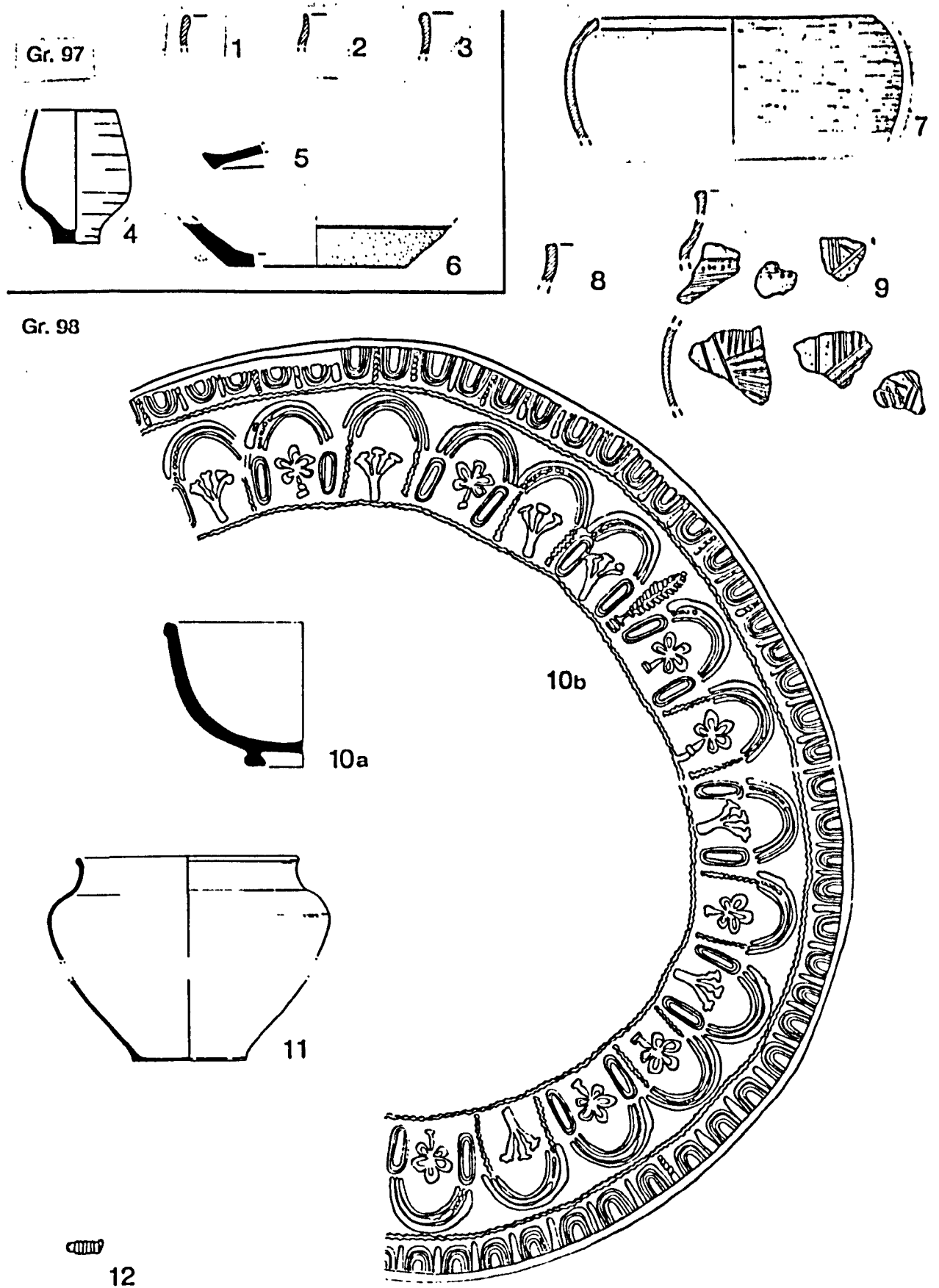


Fig. XXX. A22 Rheindorf: Grave 97 (1-6), Grave 98 (7-12). Scales: 1-9, 10a, 11, 1:4; 10b, 12, 1:2.

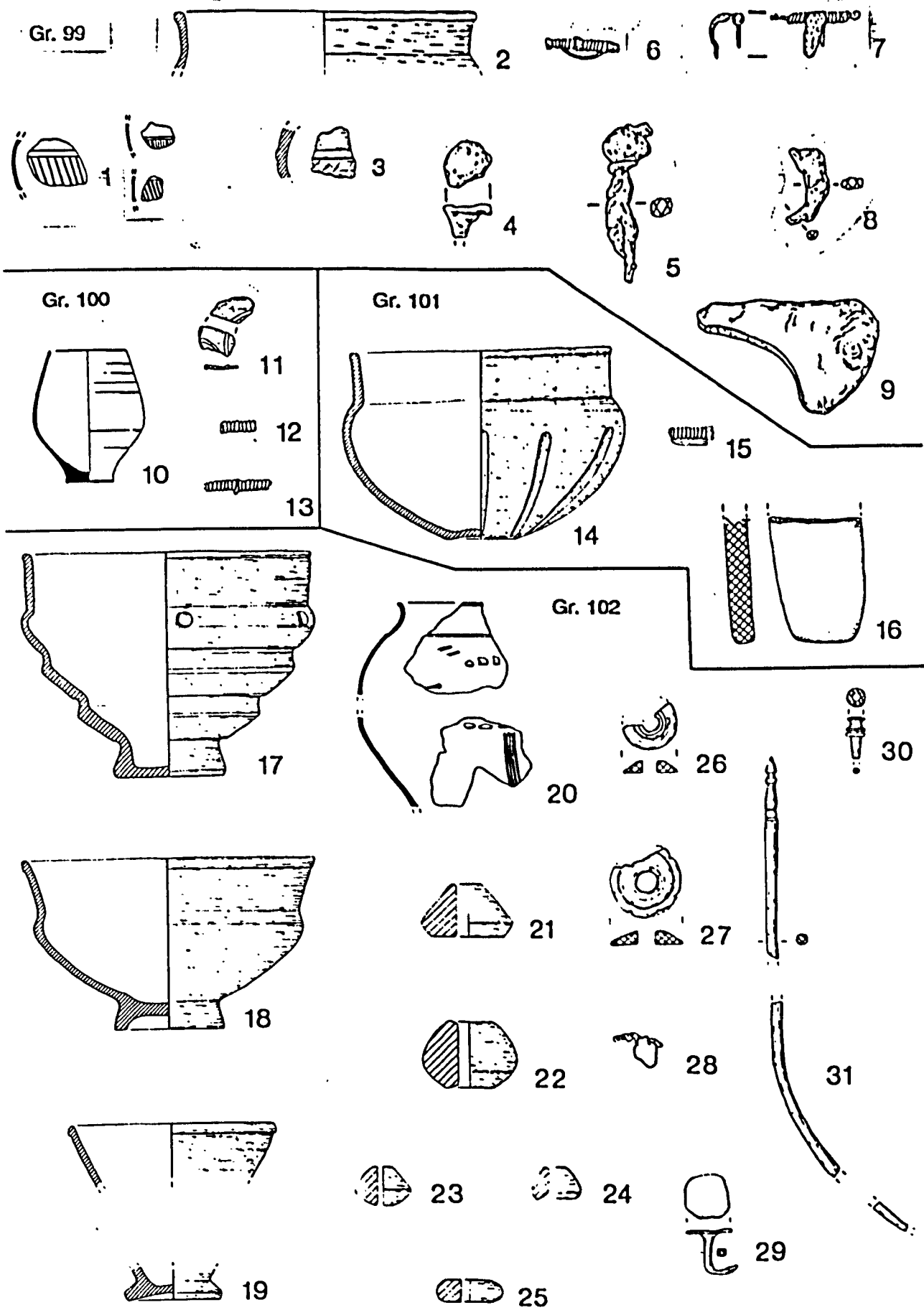


Fig. XXXI. A22 Rheindorf: Grave 99 (1-9), Grave 100 (10-13), Grave 101 (14-16), Grave 102 (17-31, Contd. fig. XXXII). Scales: 1-3, 10, 14, 17-20, 1:4; 4-9, 11-13, 15, 16, 21-31, 1:2.

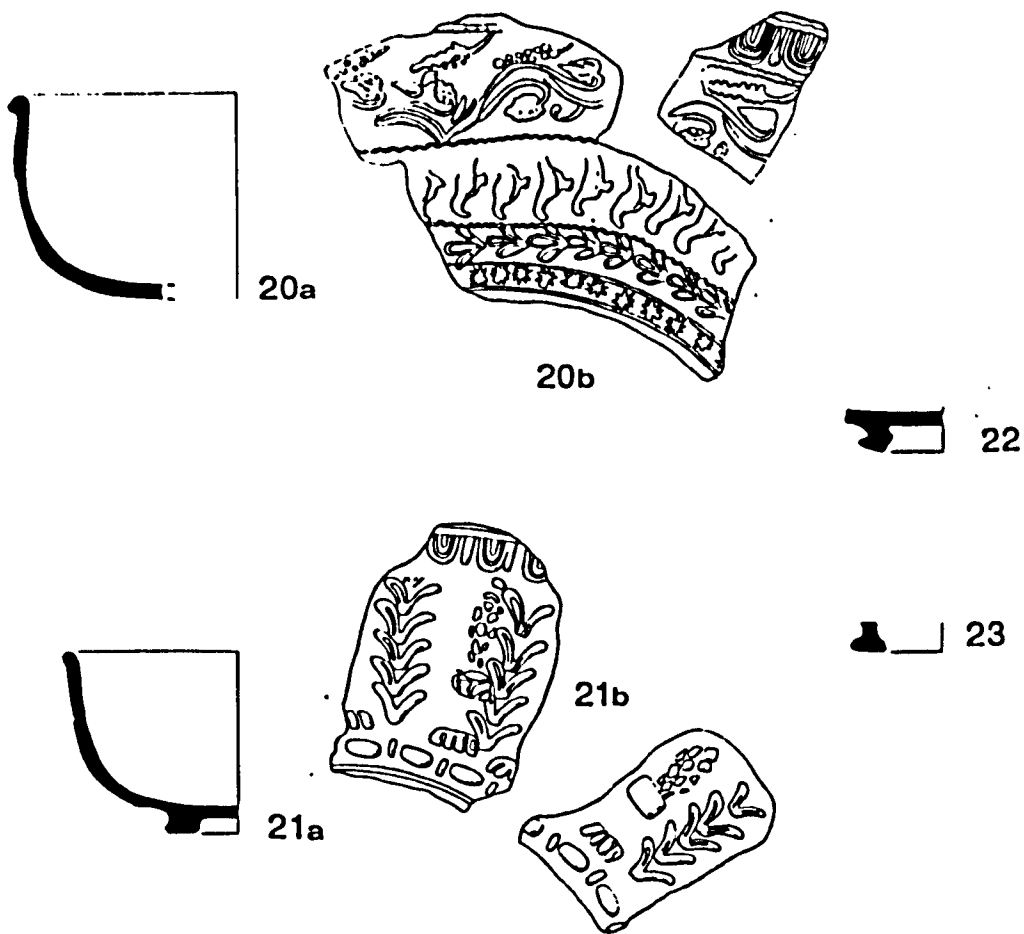
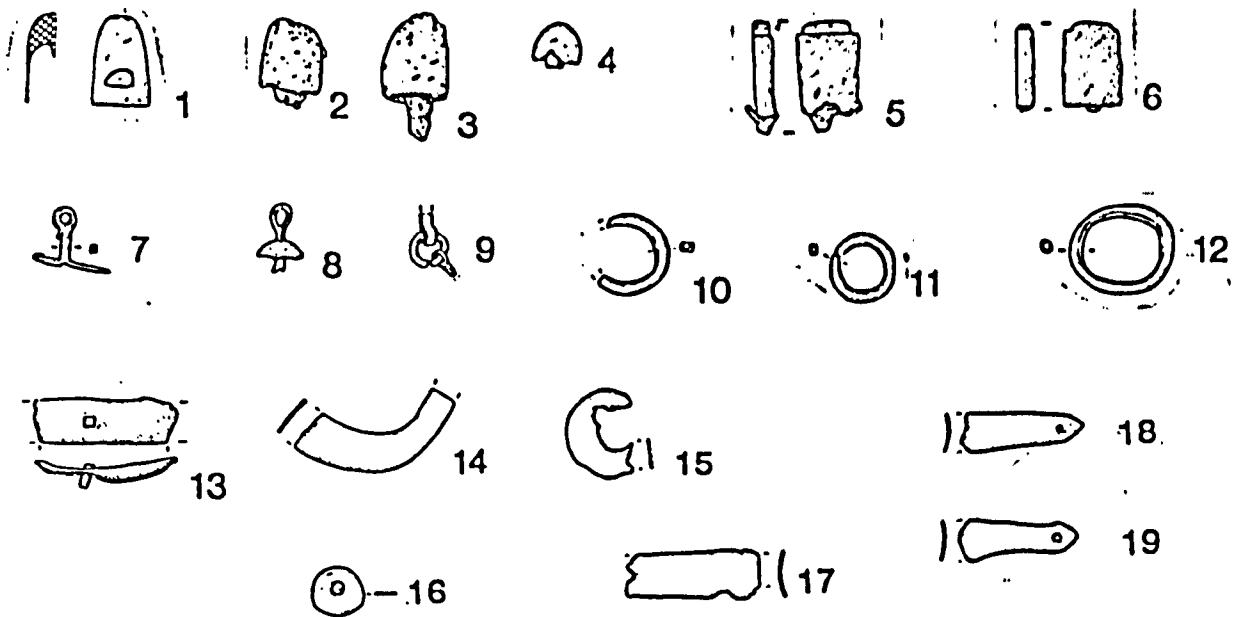


Fig. XXXII. A22 Rheindorf: Grave 102 (Contd.). Scales: 20a, 21a, 22, 23, 1:4; 1-19, 20b, 21b, 1:2.

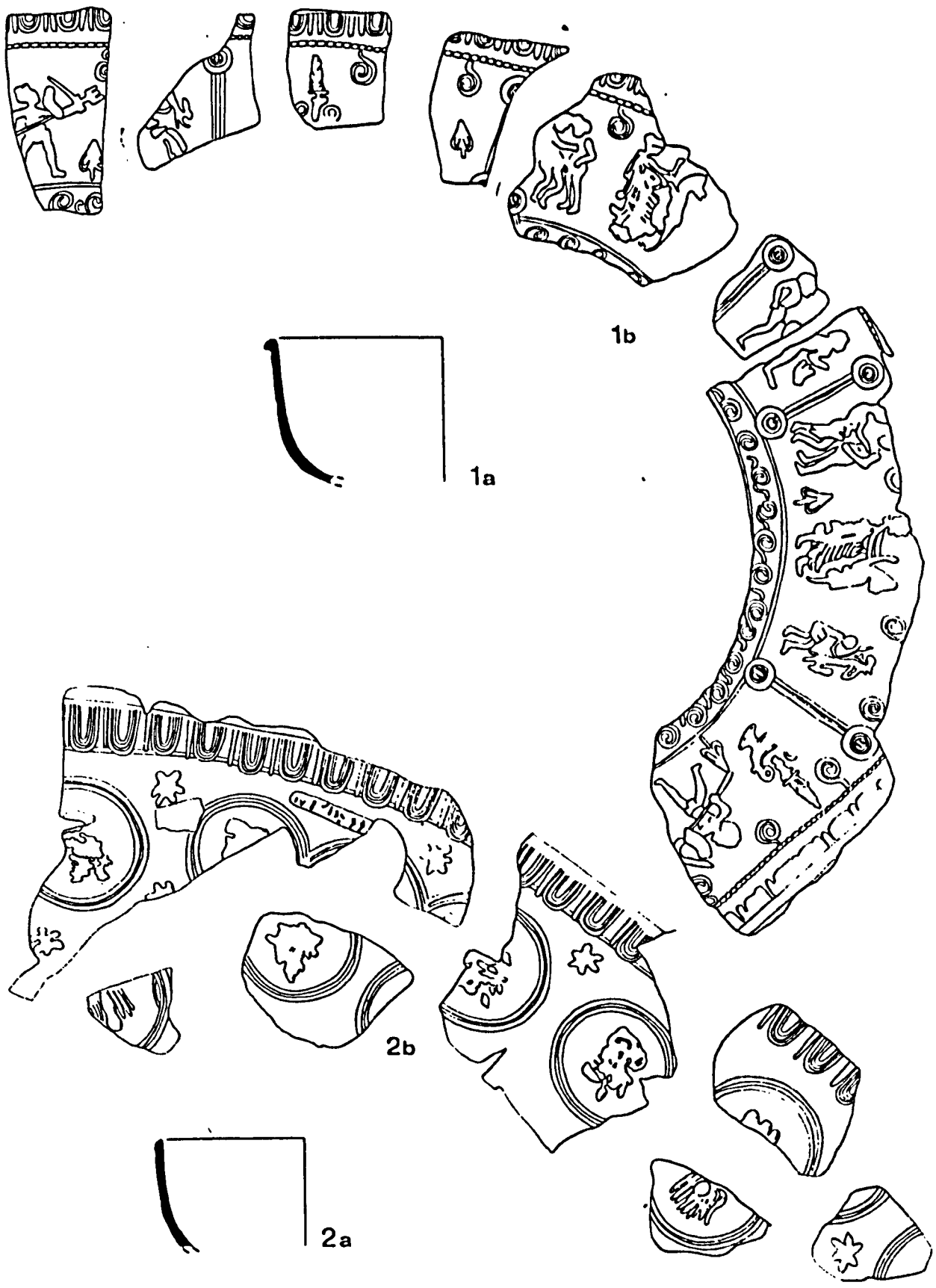


Fig. XXXIII. A22 Rheindorf: Finds incorrectly associated with Grave 102. Scales: 1a, 2a, 1:4; 1b, 2b, 1:2.

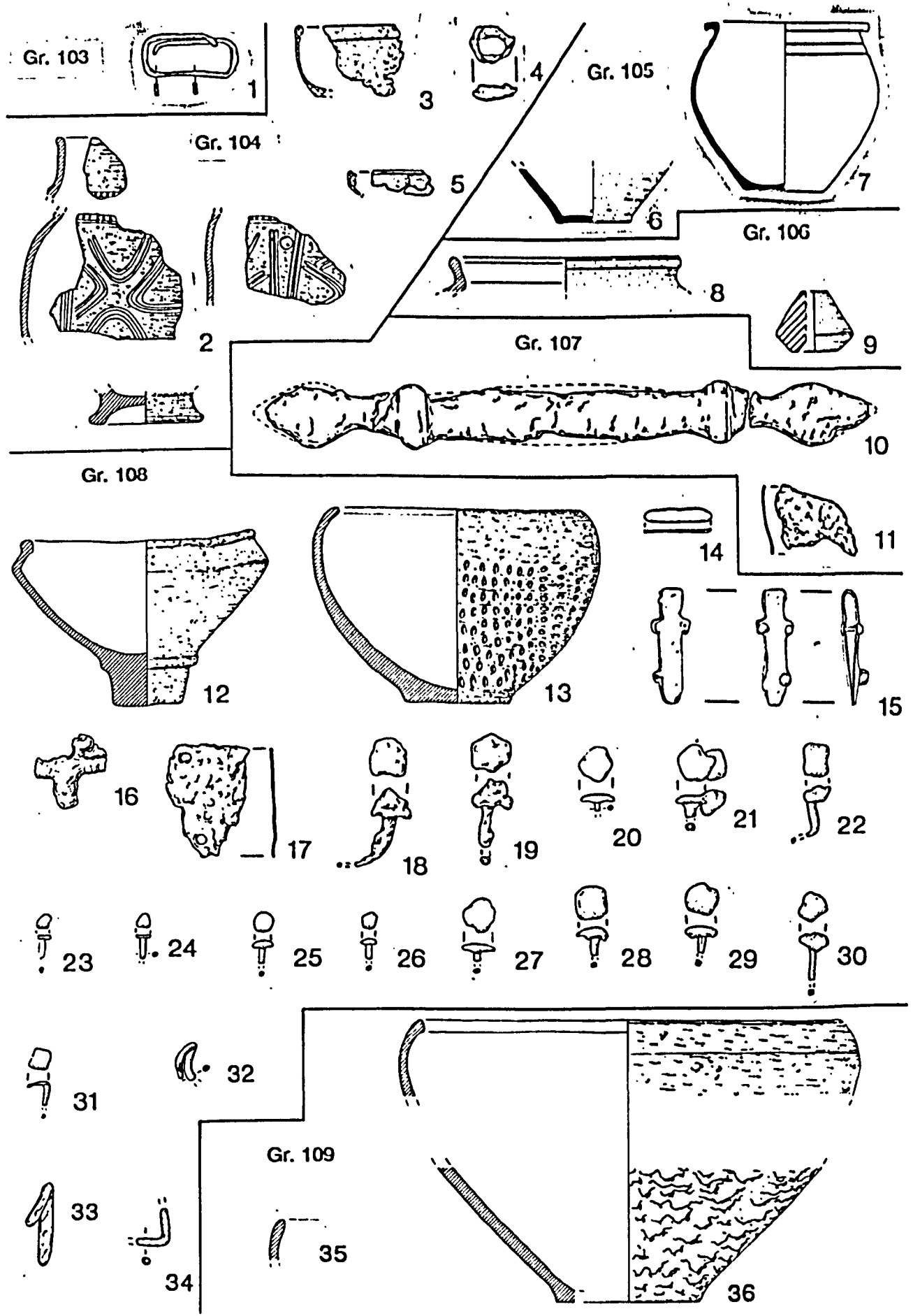


Fig. XXXIV. A22 Rheindorf: Grave 103 (1), Grave 104 (2-5), Grave 105 (6, 7), Grave 106 (8, 9), Grave 107 (10, 11), Grave 108 (12-34), Grave 109 (35, 36, Contd. fig. XXXV). Scales: 2, 6-8, 12, 13, 35-36, 1:4; 1, 3-5, 9-11, 14-34, 1:2.

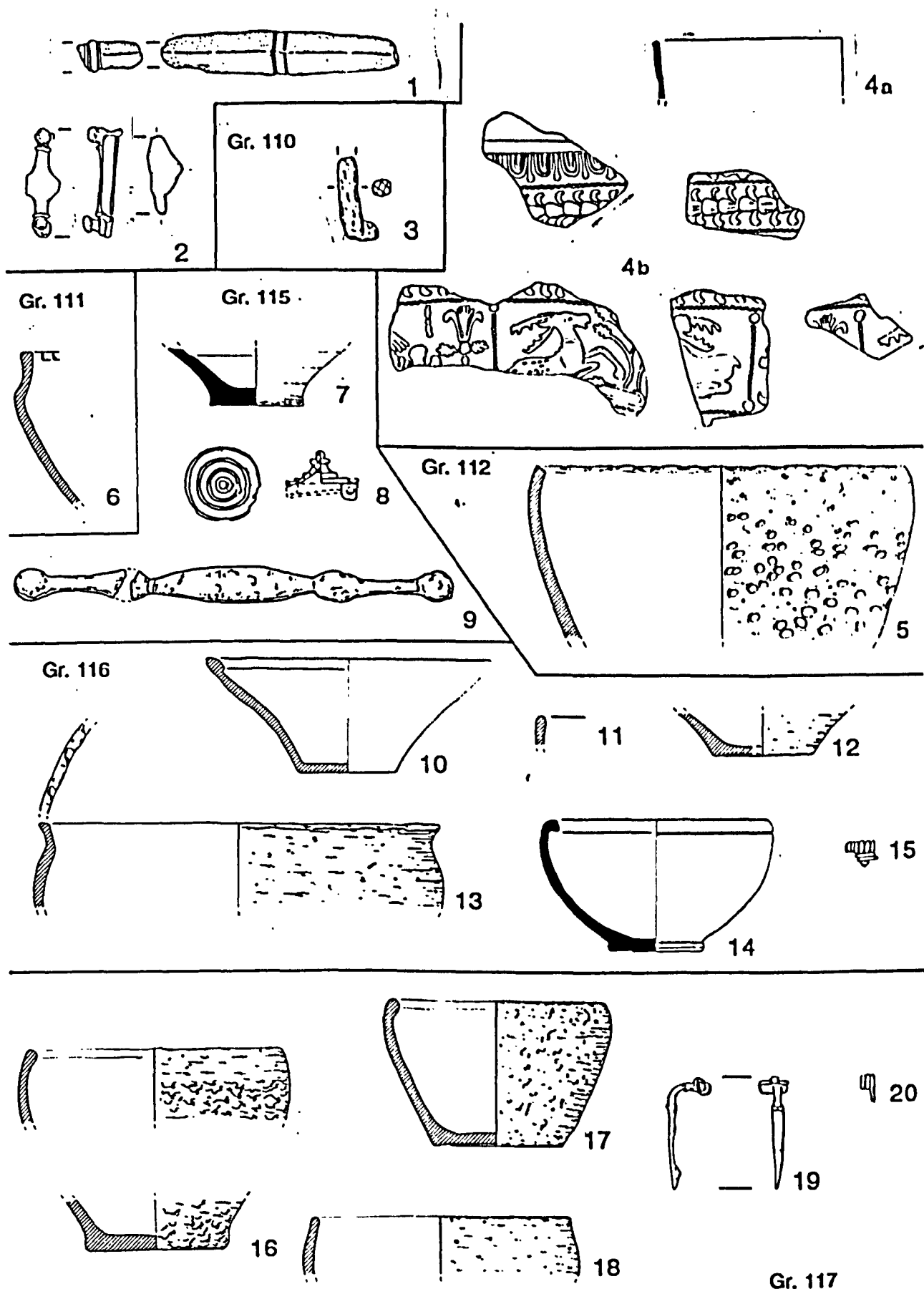


Fig. XXXV. A22 Rheindorf: Grave 109 (Contd., 1, 2), Grave 110 (3), Grave 111 (4a/b), Grave 112 (5), Grave 114 (6), Grave 115 (7-9), Grave 116 (10-15), Grave 117 (16-20). Scales: 4a, 5-7, 10-14, 16-18, 1:4; 1-3, 4b, 8, 9, 15, 19, 20, 1:2.

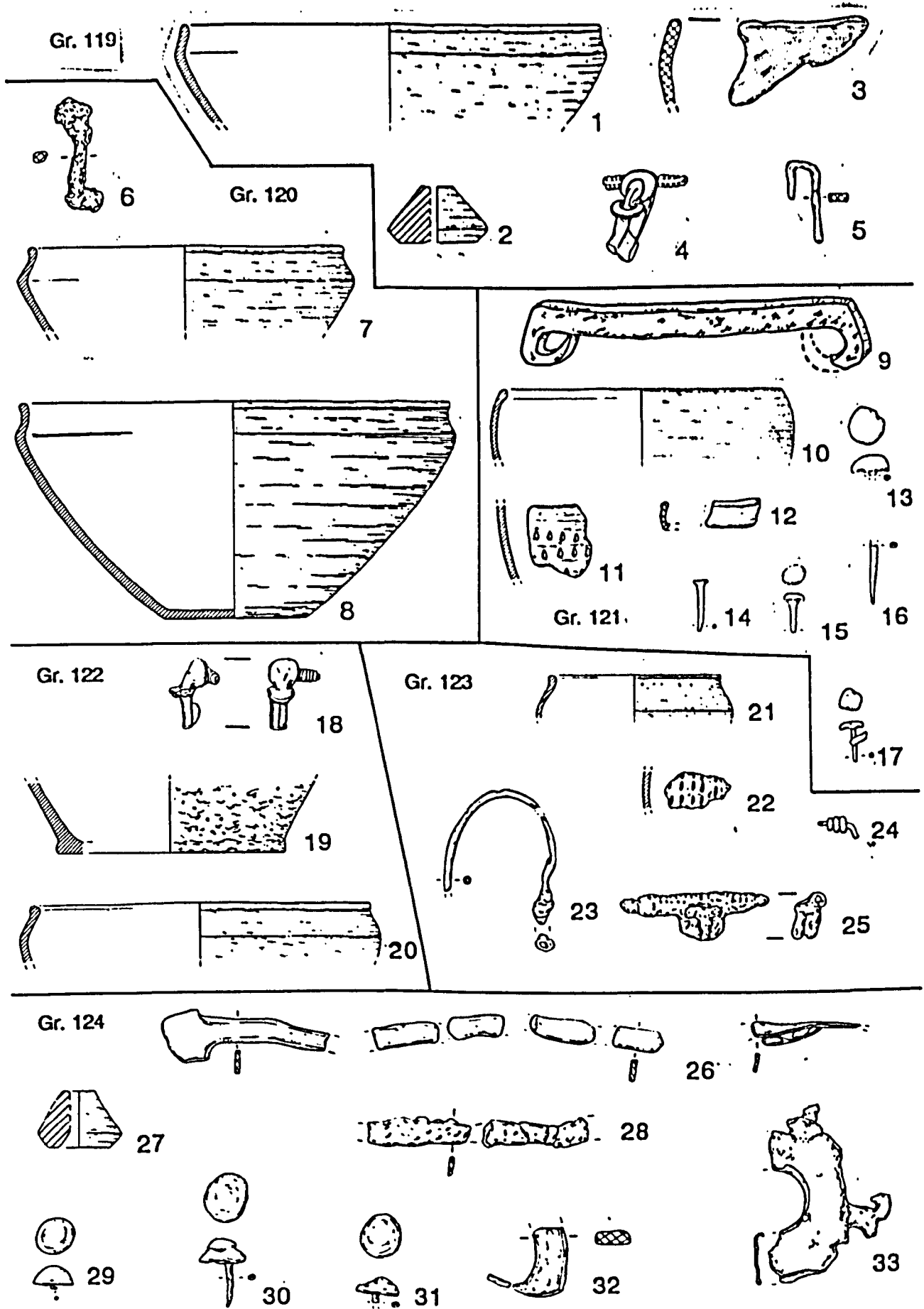


Fig. XXXVI. A22 Rheindorf: Grave 119 (1-5), Grave 120 (6-8), Grave 121 (9-17), Grave 122 (18-20), Grave 123 (21-25), Grave 124 (26-33, Contd. fig. XXXVI). Scales: 1, 7, 8, 10, 11, 19, 20-22, 1:4; 2-6, 9, 12-18, 23-33, 1:2.

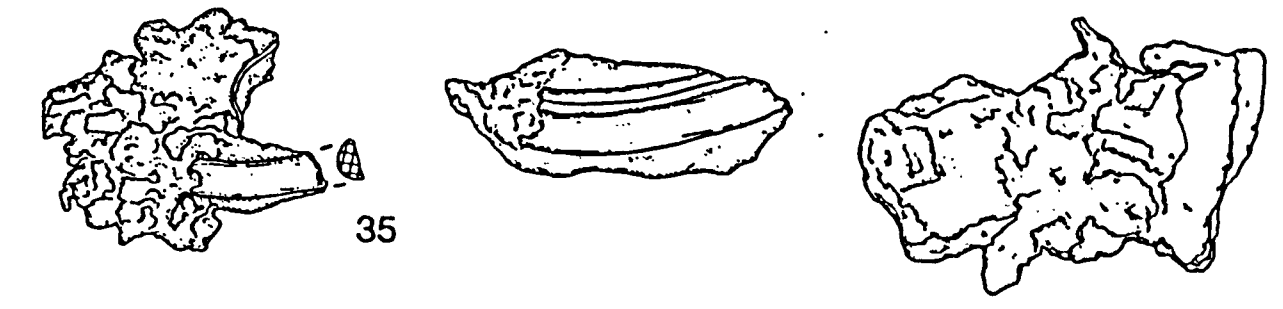
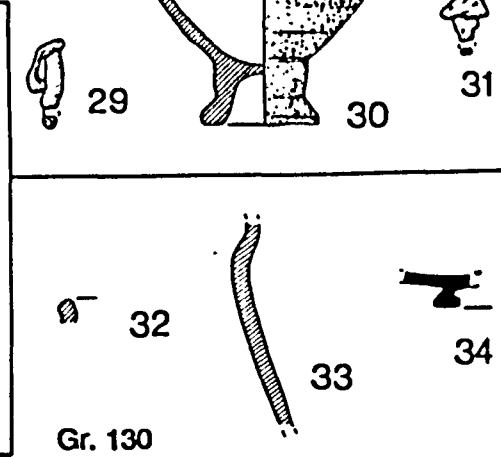
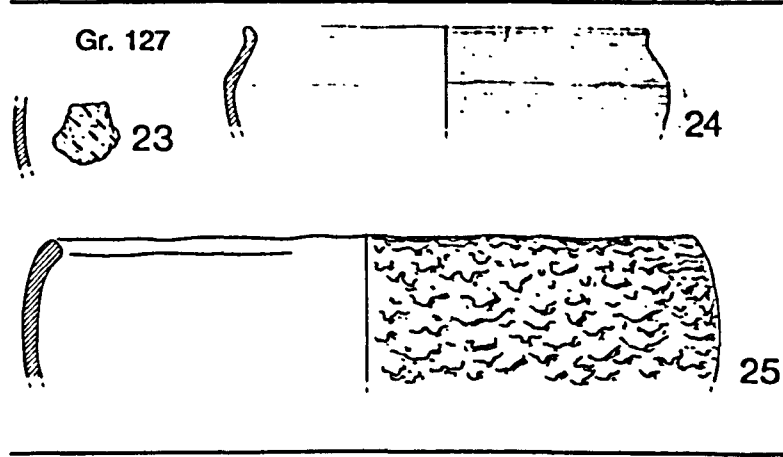
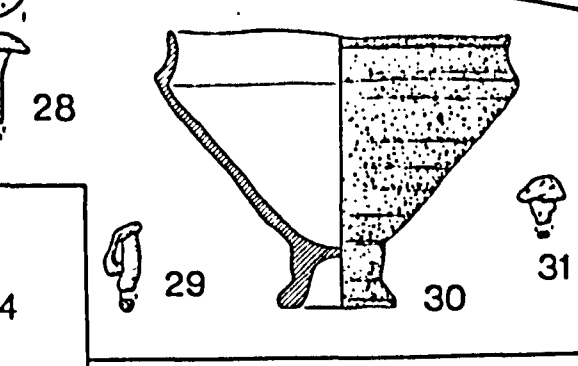
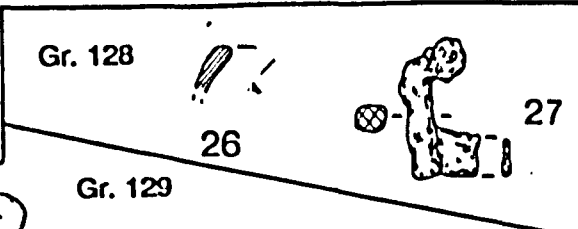
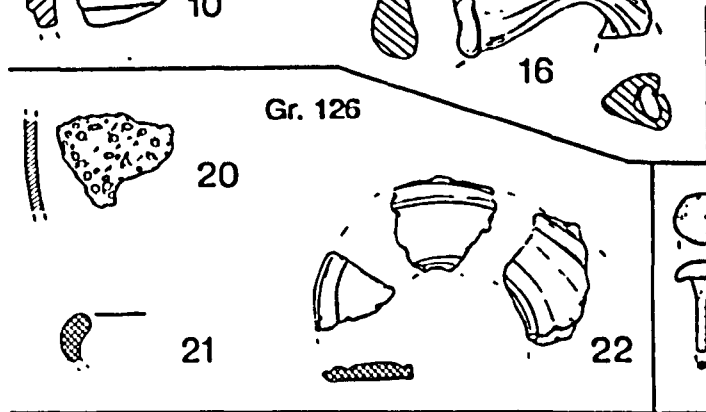
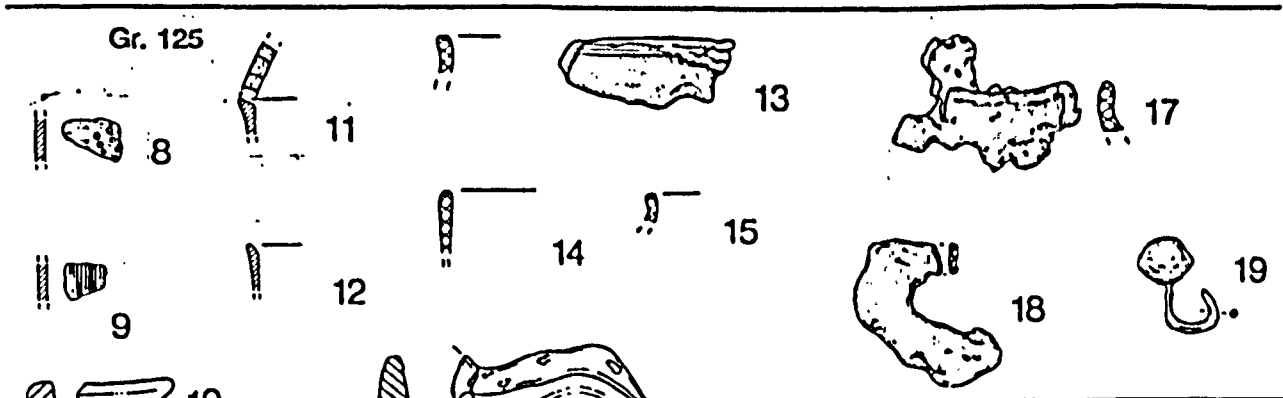
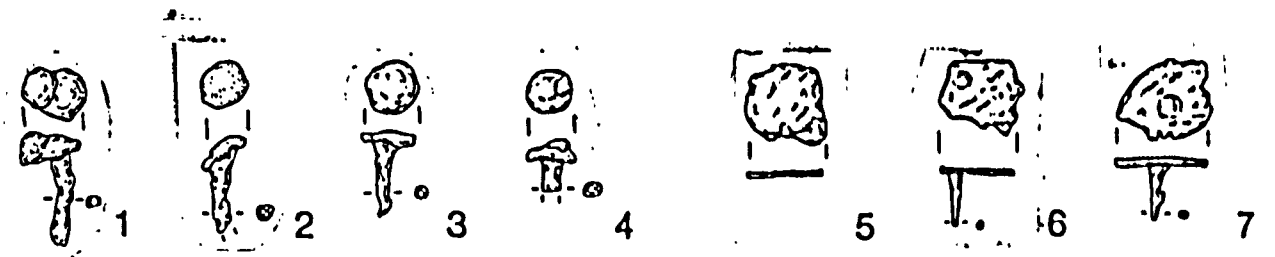


Fig. XXXVII. A22 Rheindorf: Grave 124 (Contd., 1-7), Grave 125 (8-19), Grave 126 (20-22), Grave 127 (23-25), Grave 128 (26, 27), Grave 129 (28-31), Grave 130 (32-35, Contd. fig. XXXVIII). Scales: 8-12, 20, 23-26, 30, 32-34, 1:4; 1-7, 13-19, 21, 22, 27-29, 31, 35, 1:2.

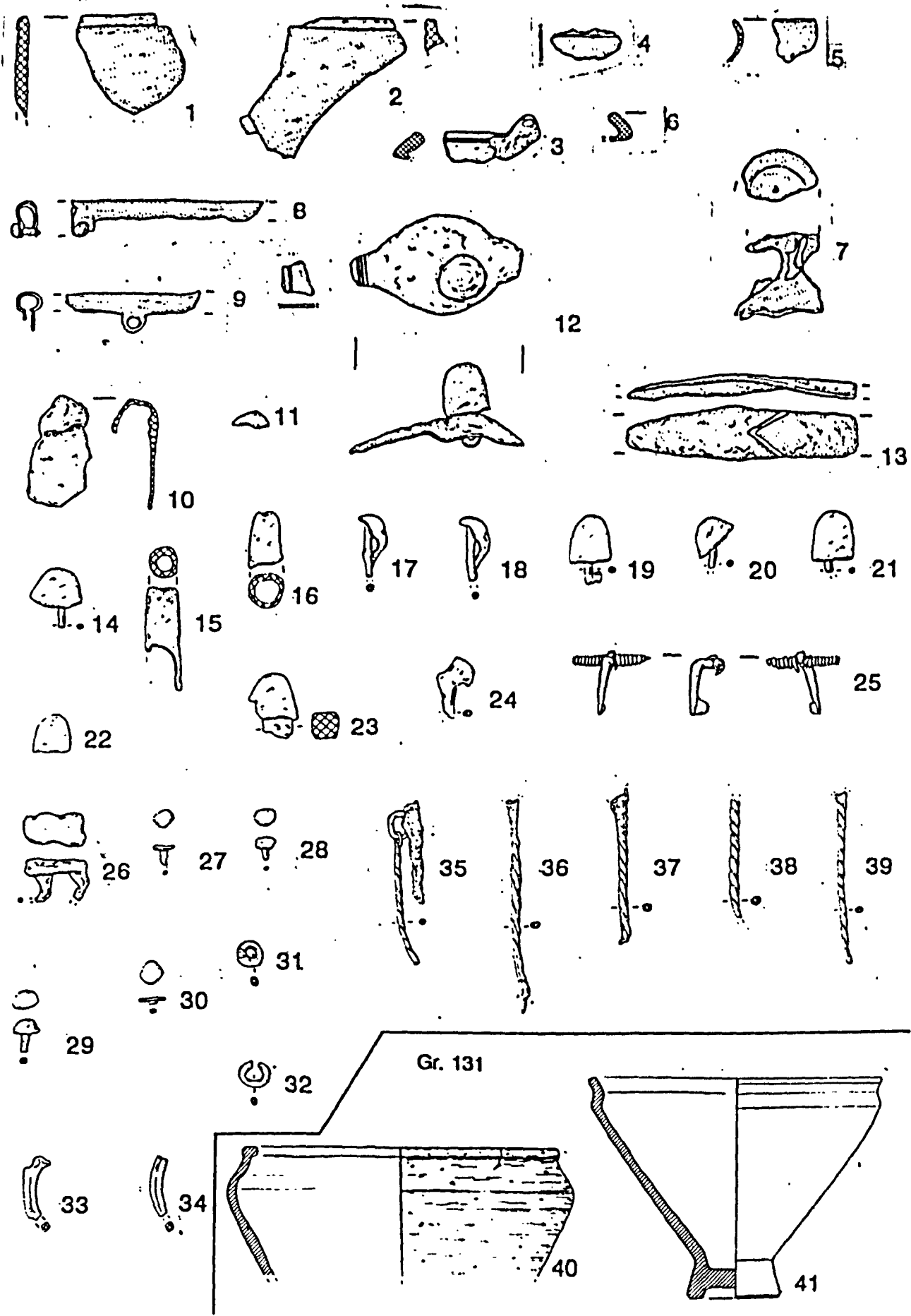


Fig. XXXVIII. A22 Rheindorf: Grave 130 (Contd., 1-39), Grave 131 (40-41, Contd. fig. XXXIX). Scales: 40, 41, 1:4; 1-39, 1:2.

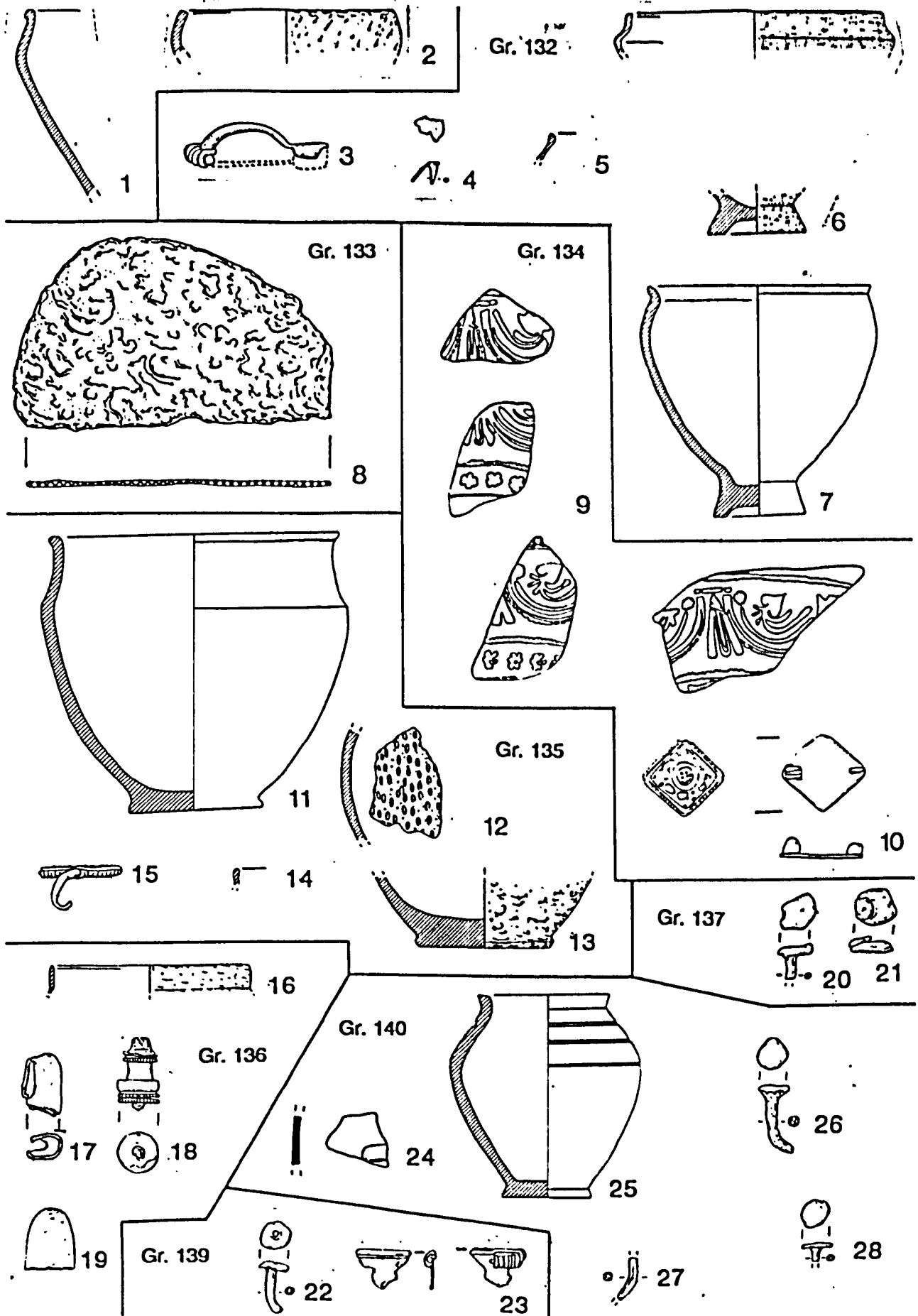


Fig. XXXIX. A22 Rheindorf: Grave 131 (Contd., 1-2), Grave 132 (3-7), Grave 133 (8), Grave 134 (9, 10), Grave 135 (11-15), Grave 136 (16-19), Grave 137 (20, 21), Grave 139 (22, 23), Grave 140 (24-28, Contd. fig. XXX). Scales: 1, 2, 5-7, 11-14, 16, 24, 25, 1:4; 3, 4, 8-10, 15, 17-23, 26-28, 1:2.

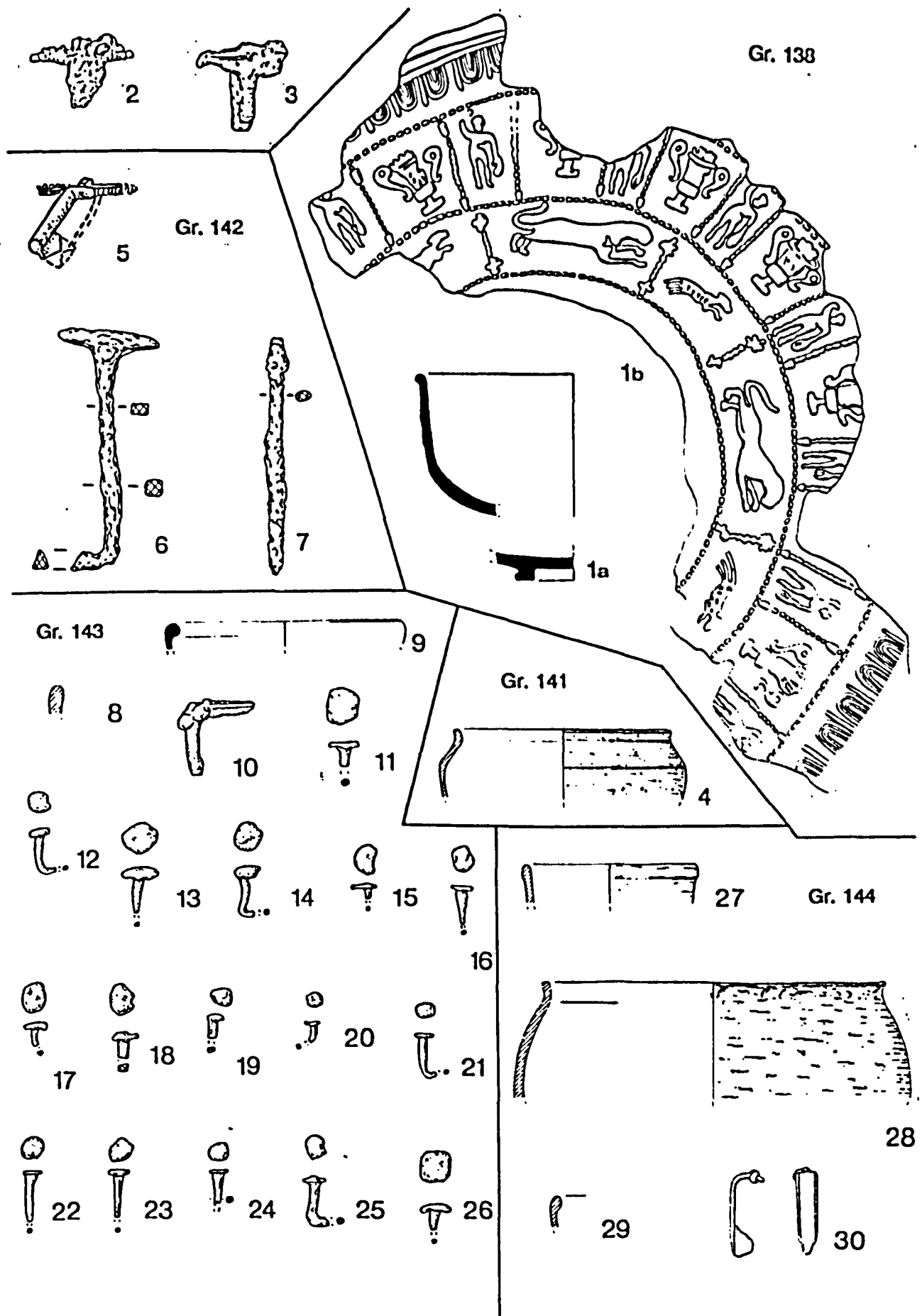


Fig. XL. A22 Rheindorf: Grave 138 (1a/b), Grave 140 (Contd., 2, 3), Grave 141 (4), Grave 142 (5-7), Grave 143 (8-26), Grave 144 (27-30). Scales: 1a, 4, 8, 9, 27-29, 1:4; 2, 3, 5-7, 10-26, 30, 1:2.

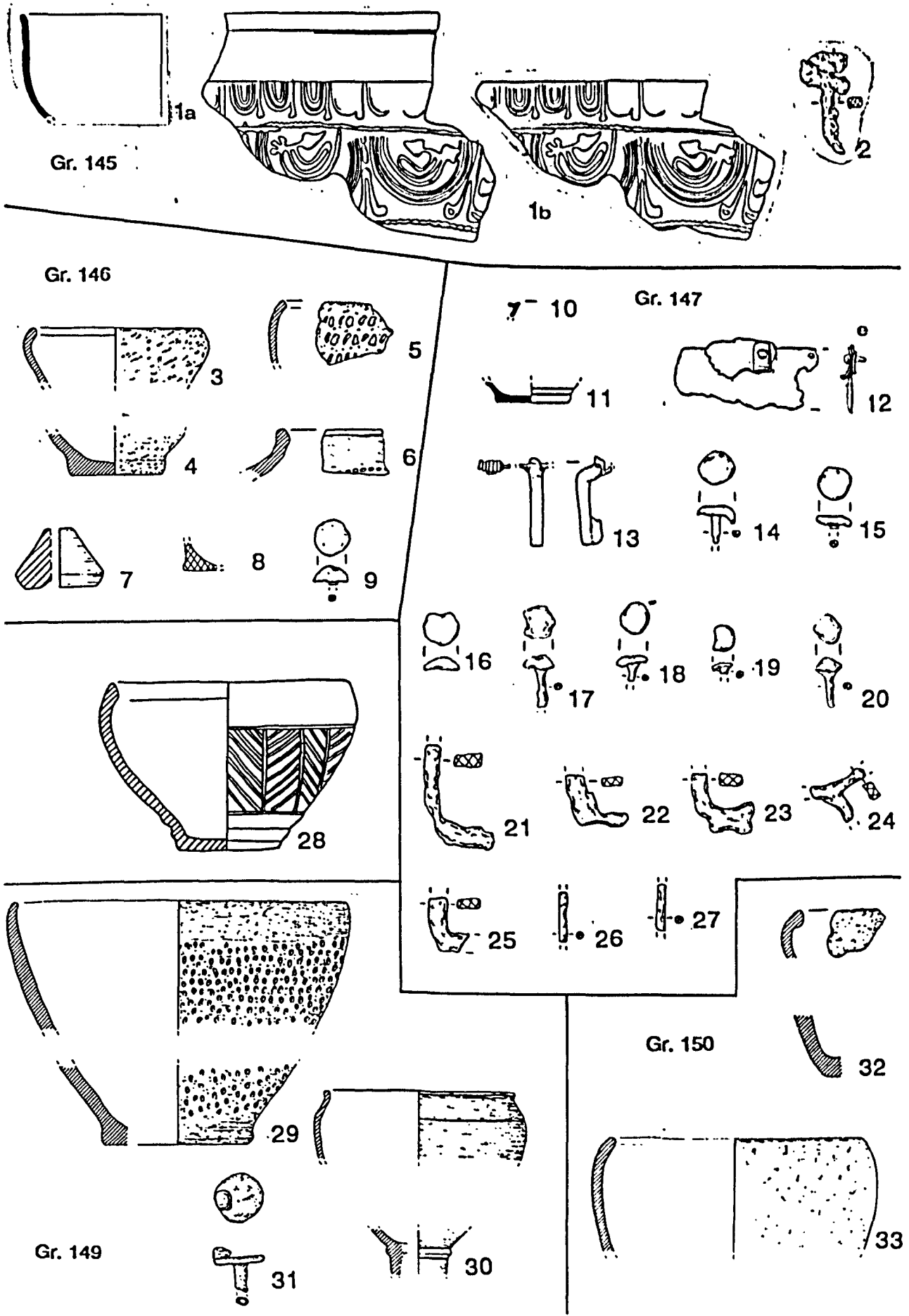


Fig. XLI. A22 Rheindorf: Grave 145 (1a/b, 2), Grave 146 (3-9), Grave 147 (10-27), Grave 148 (28), Grave 149 (29-31), Grave 150 (32, 33, Contd. fig. XXXXII). Scales: 1a, 3-6, 10, 11, 28-30, 32, 33, 1:4; 1b, 2, 7-9, 12-27, 31, 1:2.

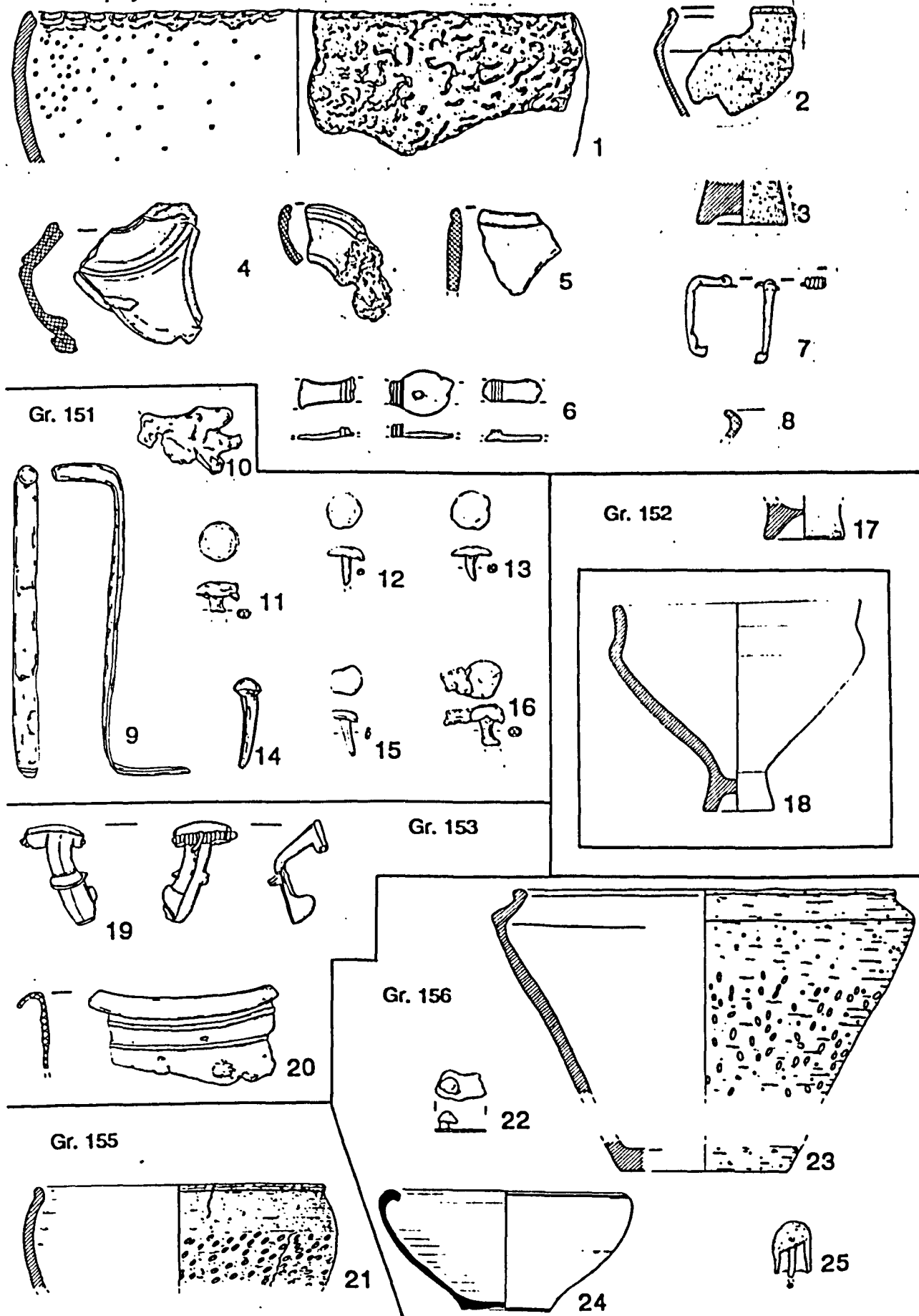


Fig. XLII. A22 Rheindorf: Grave 150 (Contd., 1-8), Grave 151 (9-16), Grave 152 (17-18), Grave 153 (19, 20), Grave 155 (21), Gr. 156 (22-25). Scales: 1-3, 17-18, 21, 23, 24, 1:4; 4-16, 19, 20, 22, 25, 1:2.

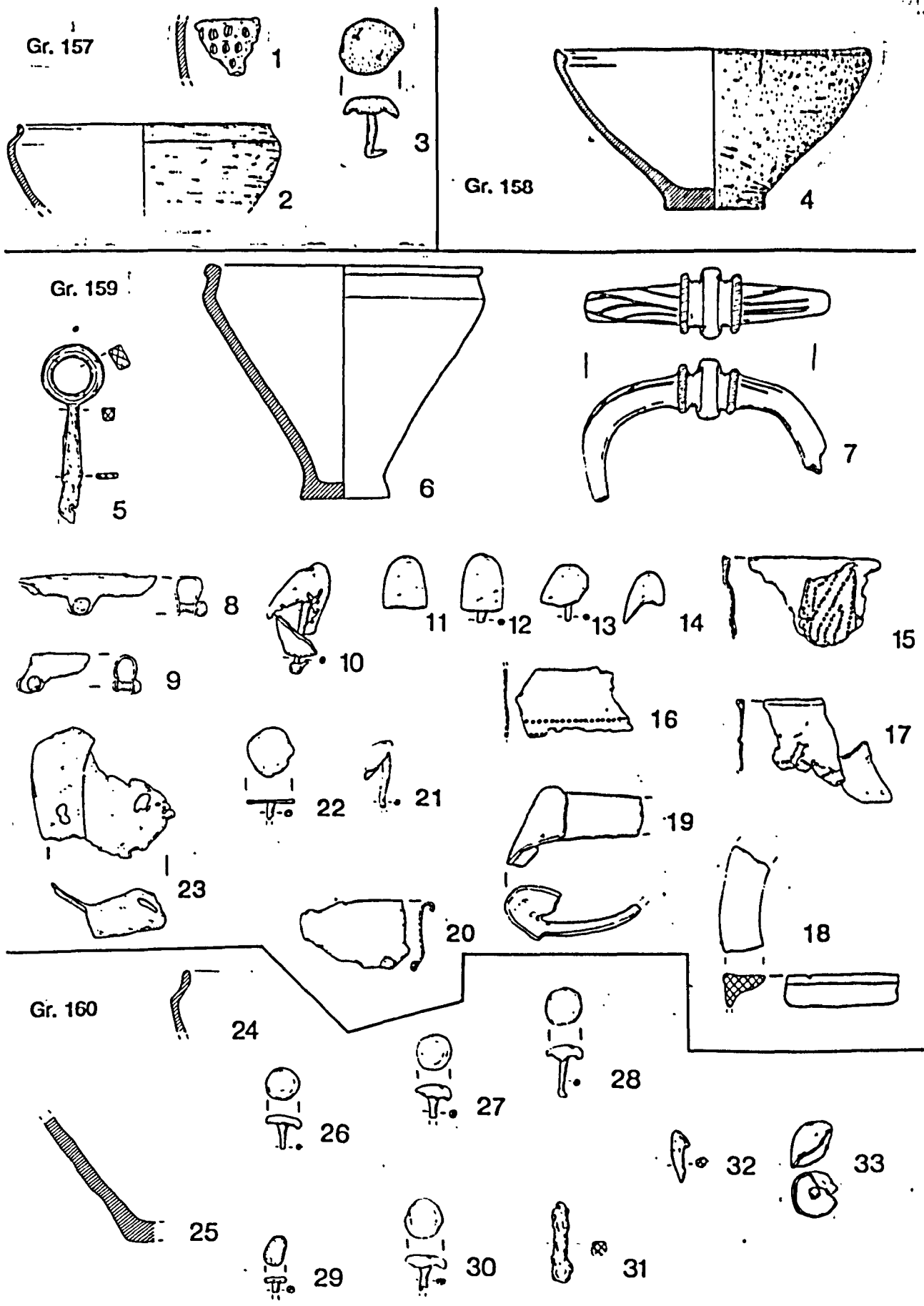


Fig. XLIII. A22 Rheindorf: Grave 157 (1-3), Grave 158 (4), Grave 159 (5-23), Grave 160 (24-33). Scales: 1, 2, 4, 6, 24, 25, 1:4; 3, 5, 7-23, 26-33, 1:2.

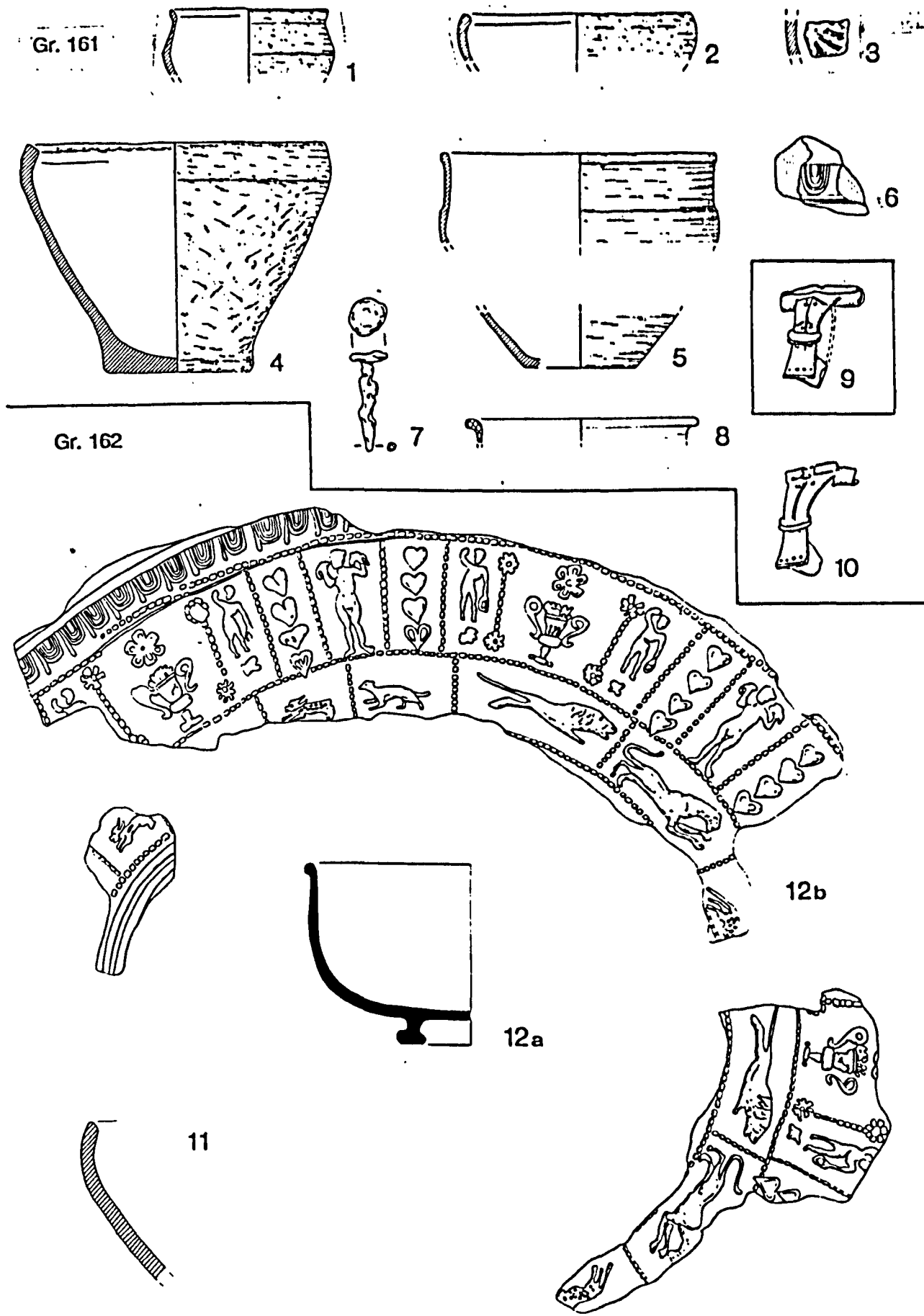


Fig. XLIV. A22 Rheindorf: Grave 161 (1-10), Grave 162 (11, 12a/b). Scales: 1-5, 11, 12a, 1:4; 6-10, 12b, 1:2.

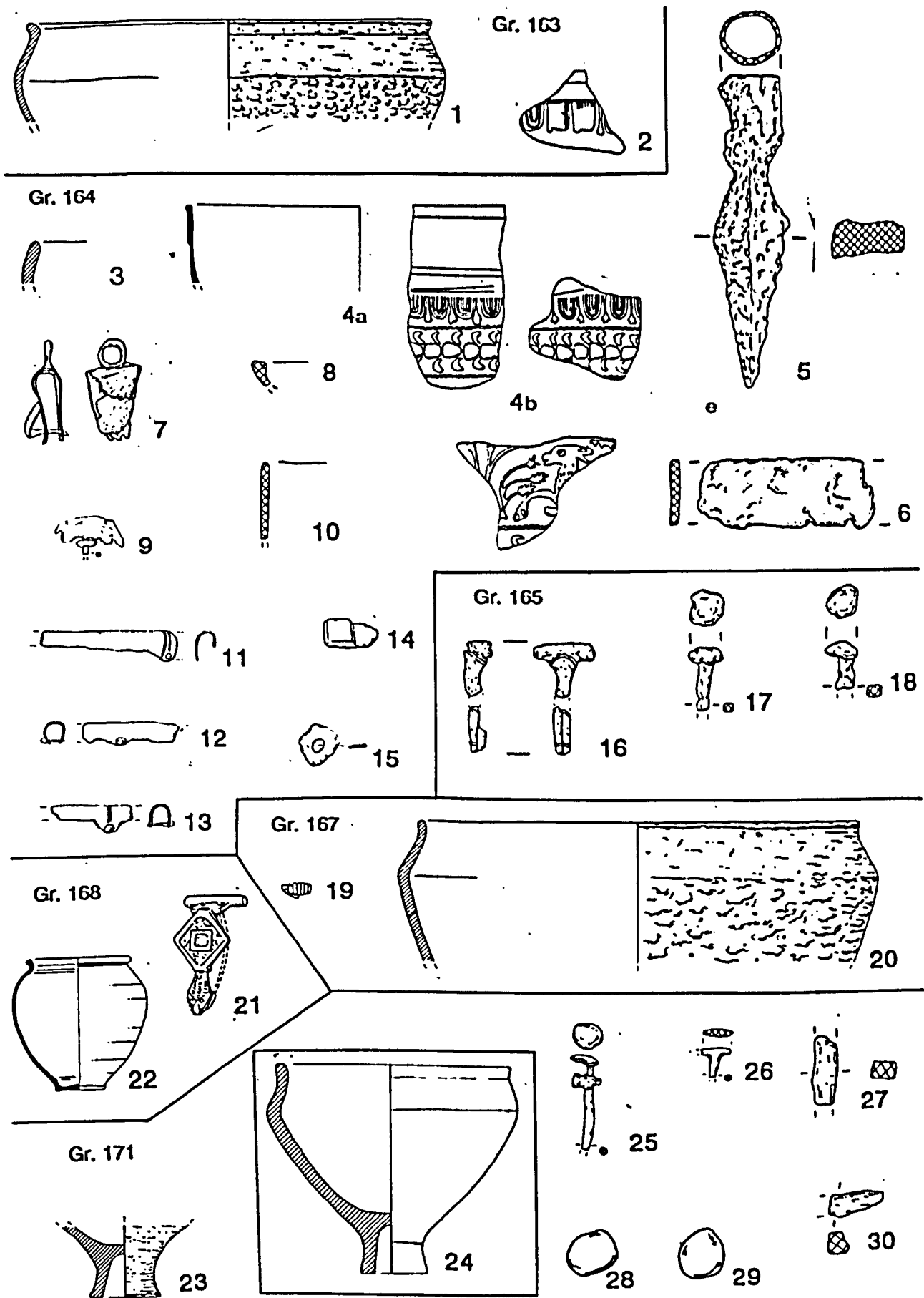


Fig. XLV. A22 Rheindorf: Grave 163 (1-2), Grave 164 (3-15), Grave 165 (16-18), Grave 167 (19, 20), Grave 168 (21, 22), Grave 171 (23-30). Scales: 1, 3, 4a, 20, 22-24, 1:4; 2, 4b, 5-19, 21, 25-30, 1:2.

Gr. 169

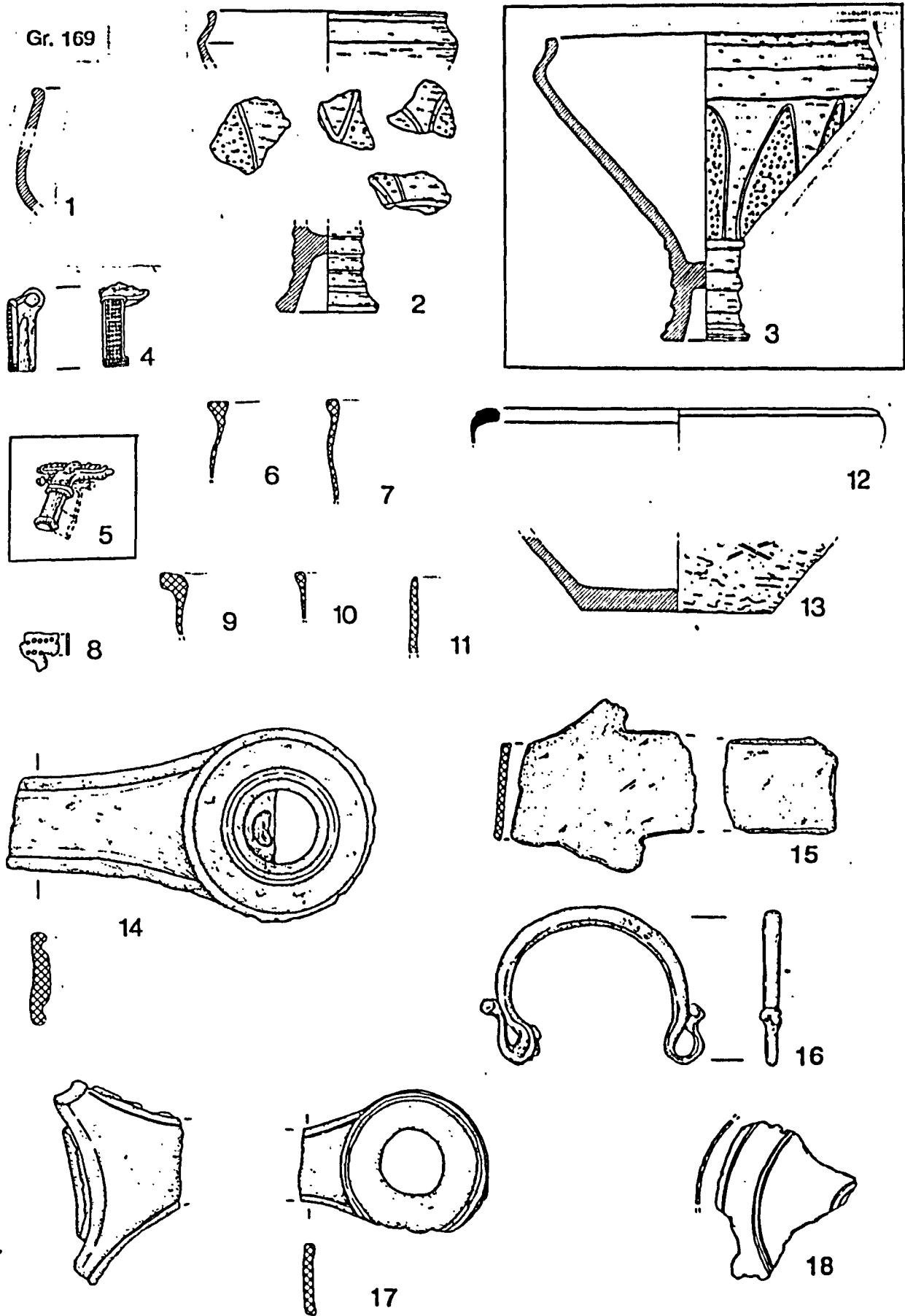


Fig. XLVI. A22 Rheindorf: Grave 169. Scales: 1-3, 12, 13, 1:4; 4-11, 14-18, 1:2.

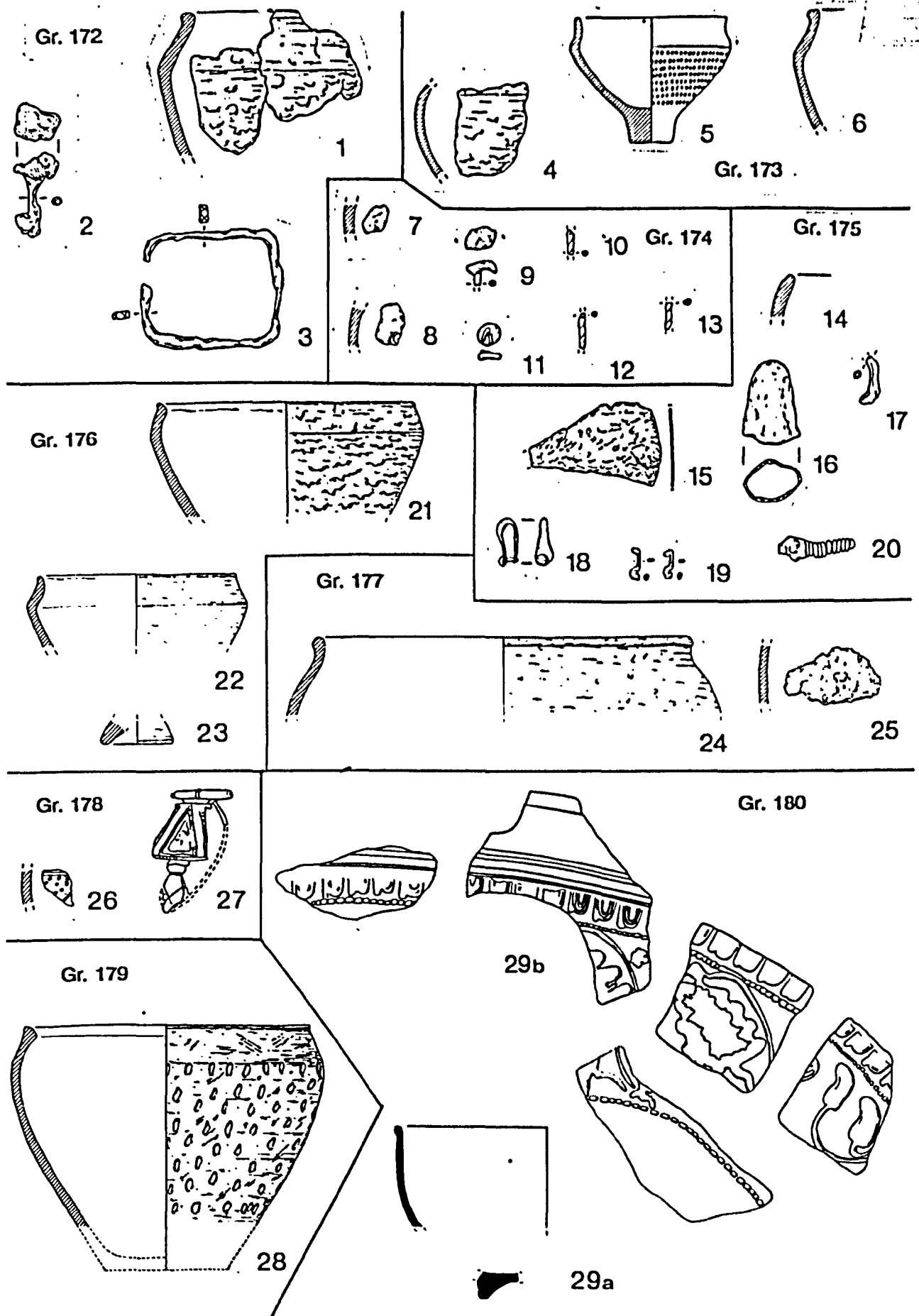


Fig. XLVII. A22 Rheindorf: Grave 172 (1-3), Grave 173 (4-6), Grave 174 (7-13), Grave 175 (14-20), Grave 176 (21-23), Grave 177 (24, 25), Grave 178 (26, 27), Grave 179 (28), Grave 180 (29a/b, Contd. fig. XXXVIII). Scales: 1, 4-8, 14, 21-6, 28, 29a, 1:4; 2, 3, 9-13, 15-20, 27, 29b, 1:2.

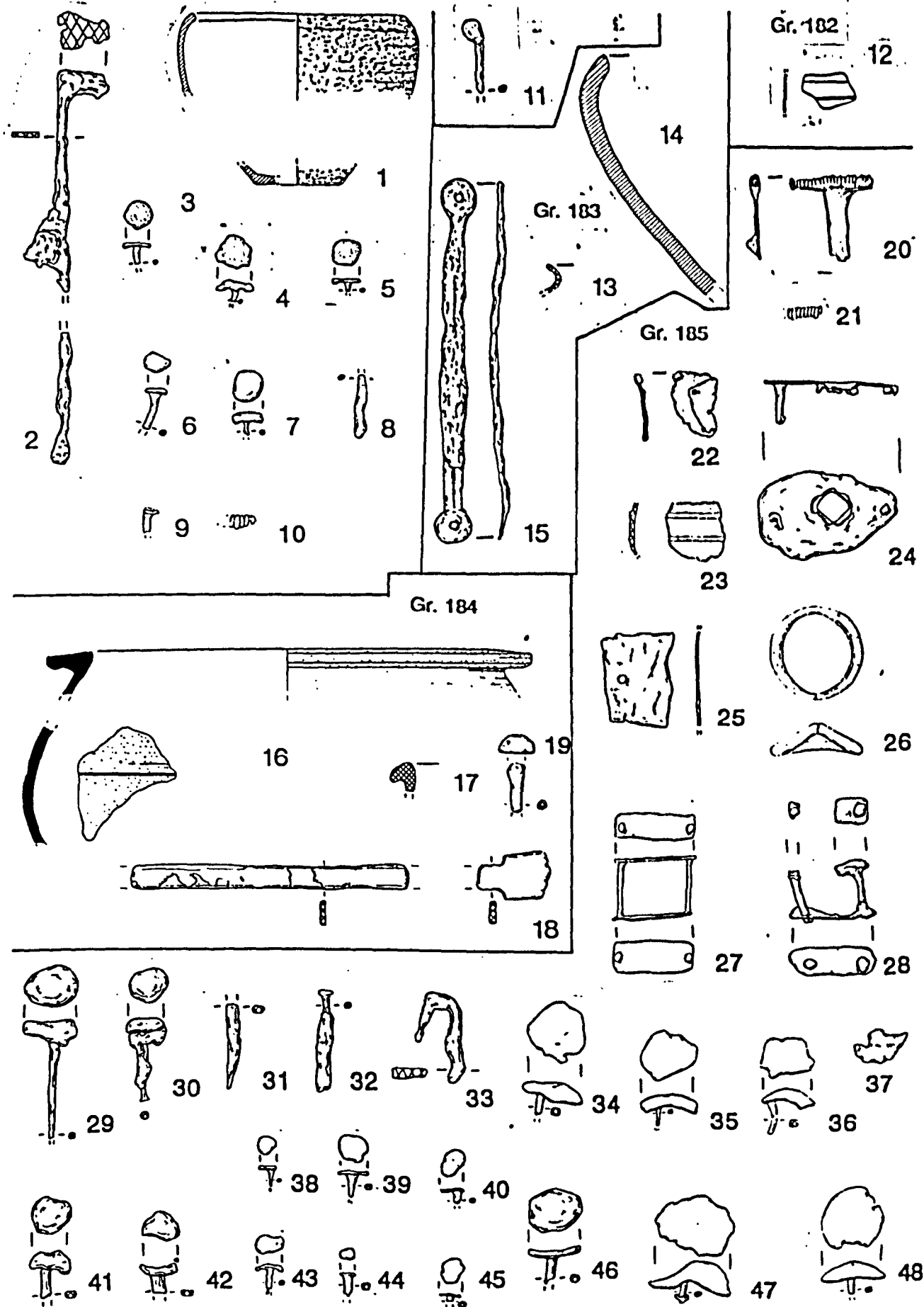


Fig. XLVIII. A22 Rheindorf: Grave 180 (Contd., 1-10), Grave 181 (11), Grave 182 (12), Grave 183 (13-15), Grave 184 (16-19), Grave 185 (20-48). Scales: 1, 12, 14, 16, 1:4; 2-11, 13, 15, 17-48, 1:2.

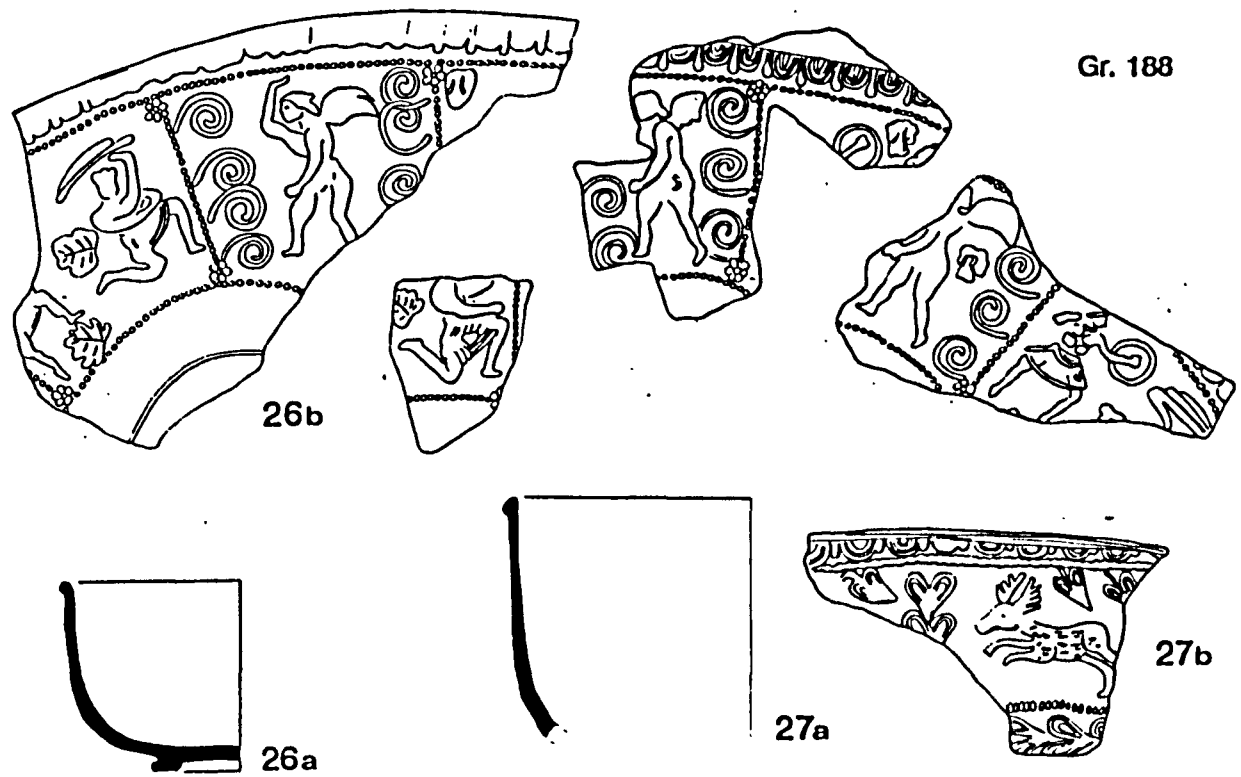
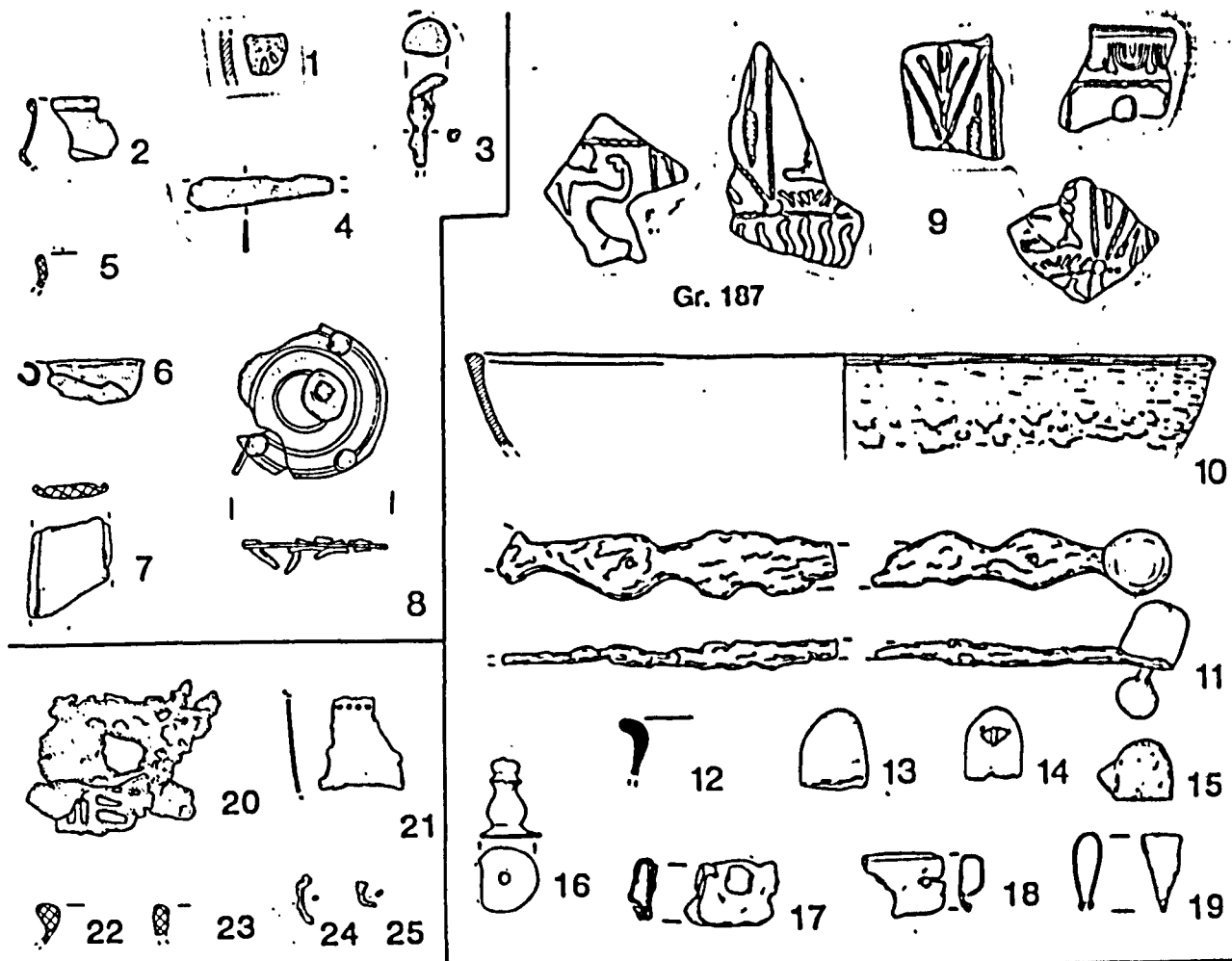


Fig. XLIX. A22 Rheindorf: Grave 186 (1-8), Grave 187 (9-19), Grave 188 (20-27a/b). Scales: 1, 10, 12, 26a, 27a, 1:4; 2-9, 11, 13-25, 26b, 27b, 1:2.

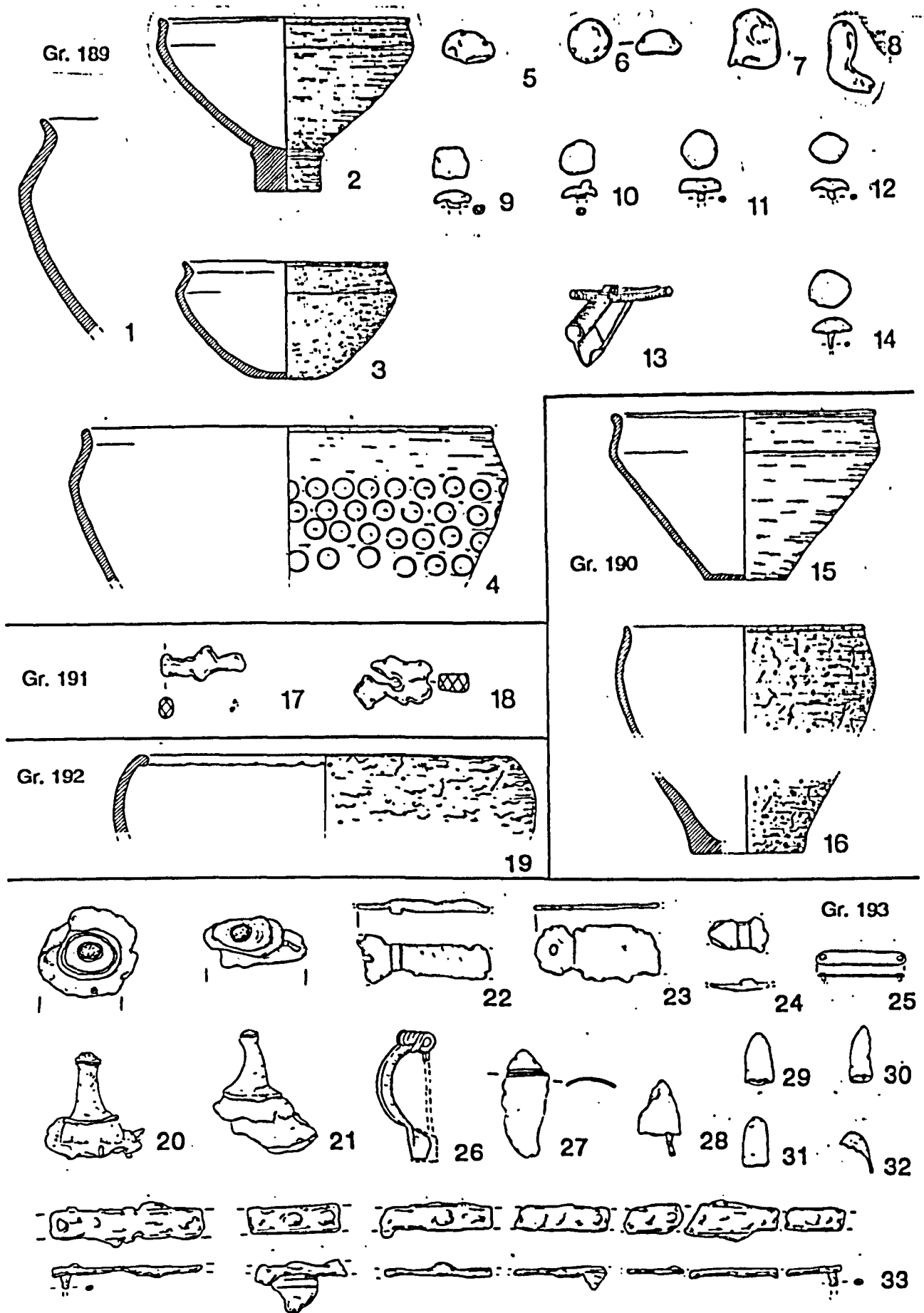


Fig. L. A22 Rheindorf: Grave 189 (1-14), Grave 190 (15, 16) Grave 191 (17, 18), Grave 192 (19), Grave 193 (20-33). Scales: 1-4, 15, 16, 19, 1:4; 5-14, 17, 18, 20-33, 1:2.

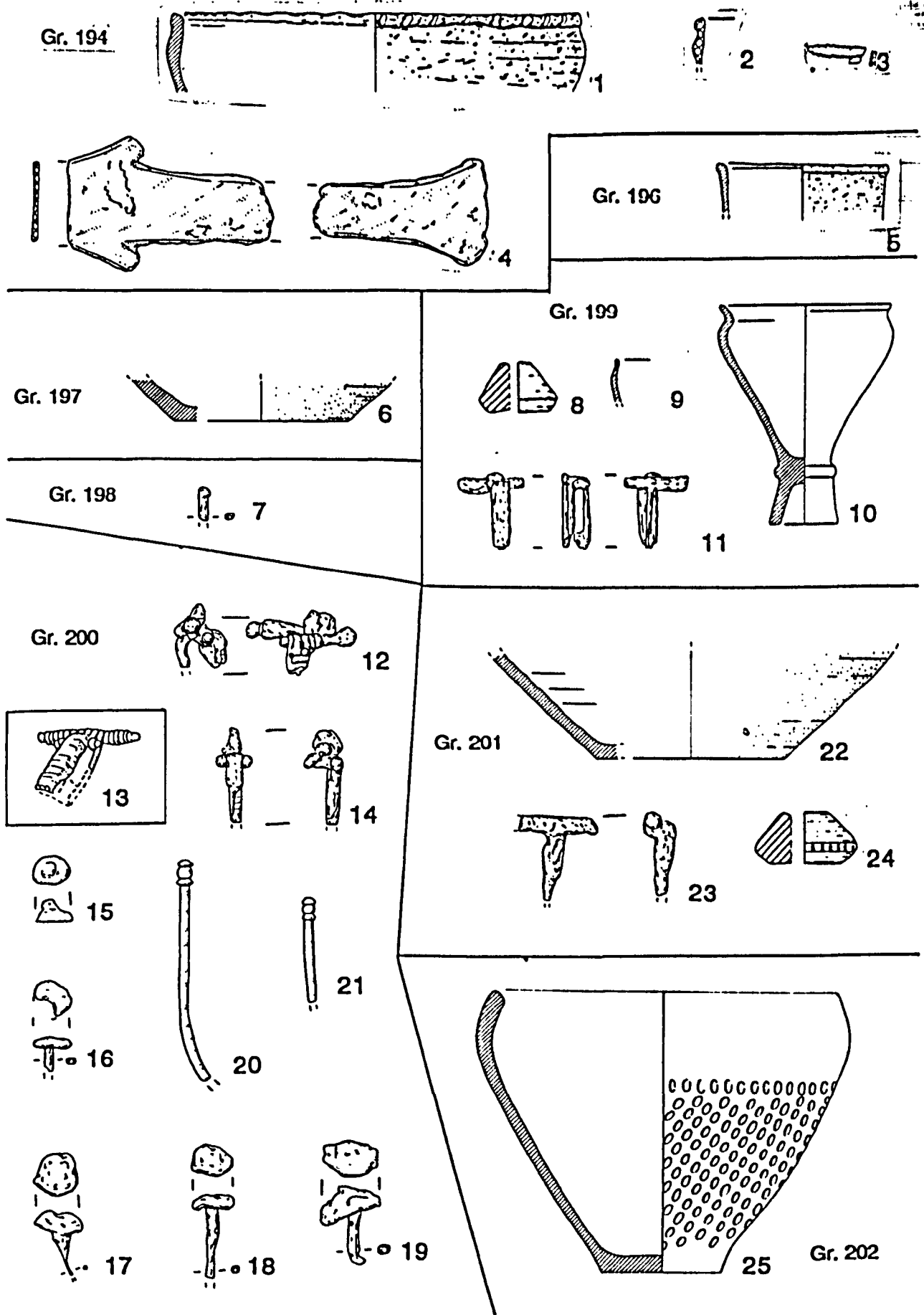


Fig. LI. A22 Rheindorf: Grave 194 (1-4), Grave 196 (5), Grave 197 (6), Grave 198 (7), Grave 199 (8-11), Grave 200 (12-21), Grave 201 (22-24), Grave 202 (25). Scales: 1, 5, 6, 9, 10, 22, 25, 1:4; 2-4, 7, 8, 11-21, 23, 24, 1:2.

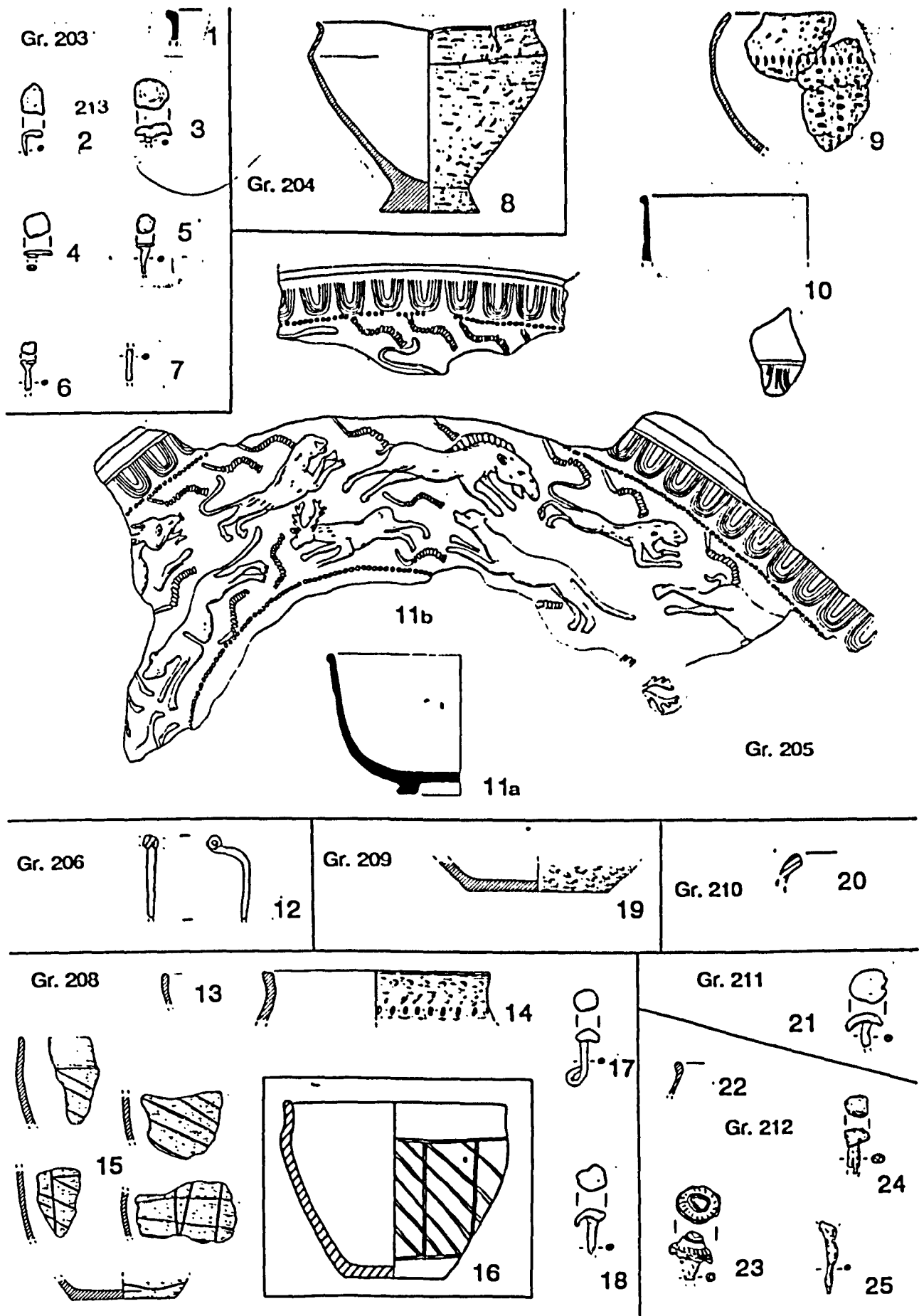


Fig. LII. A22 Rheindorf: Grave 203 (1-7), Grave 204 (8), Grave 205 (9-11a/b), Grave 206 (12), Grave 208 (13-8), Grave 209 (19), Grave 210 (20), Grave 211 (21), Grave 212 (22-25). Scales: 1, 8, 9, 10a, 11a, 13-6, 19, 20, 22, 1:4; 2-7, 10b, 11b, 12, 17-18, 21, 23-25, 1:2.

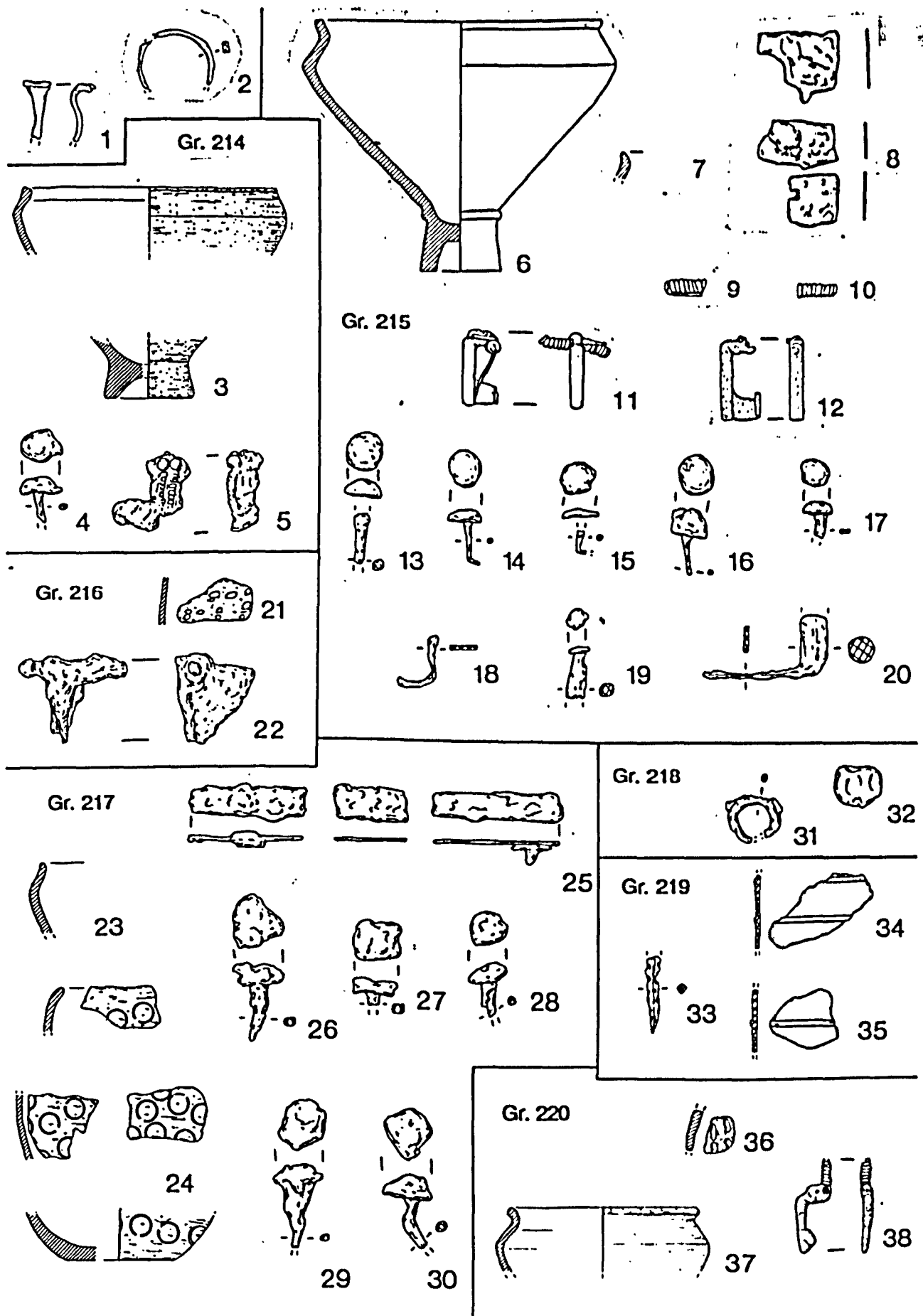


Fig. LIII. A22 Rheindorf: Grave 213 (1, 2), Grave 214 (3-5), Grave 215 (6-20), Grave 216 (21, 22), Grave 217 (23-30), Grave 218 (31, 32), Grave 219 (33-35), Grave 220 (36-38). Scales: 3, 6, 7, 21, 23, 24, 36, 37, 1:4; 1, 2, 4, 5, 8-20, 22, 25-35, 38, 1:2.

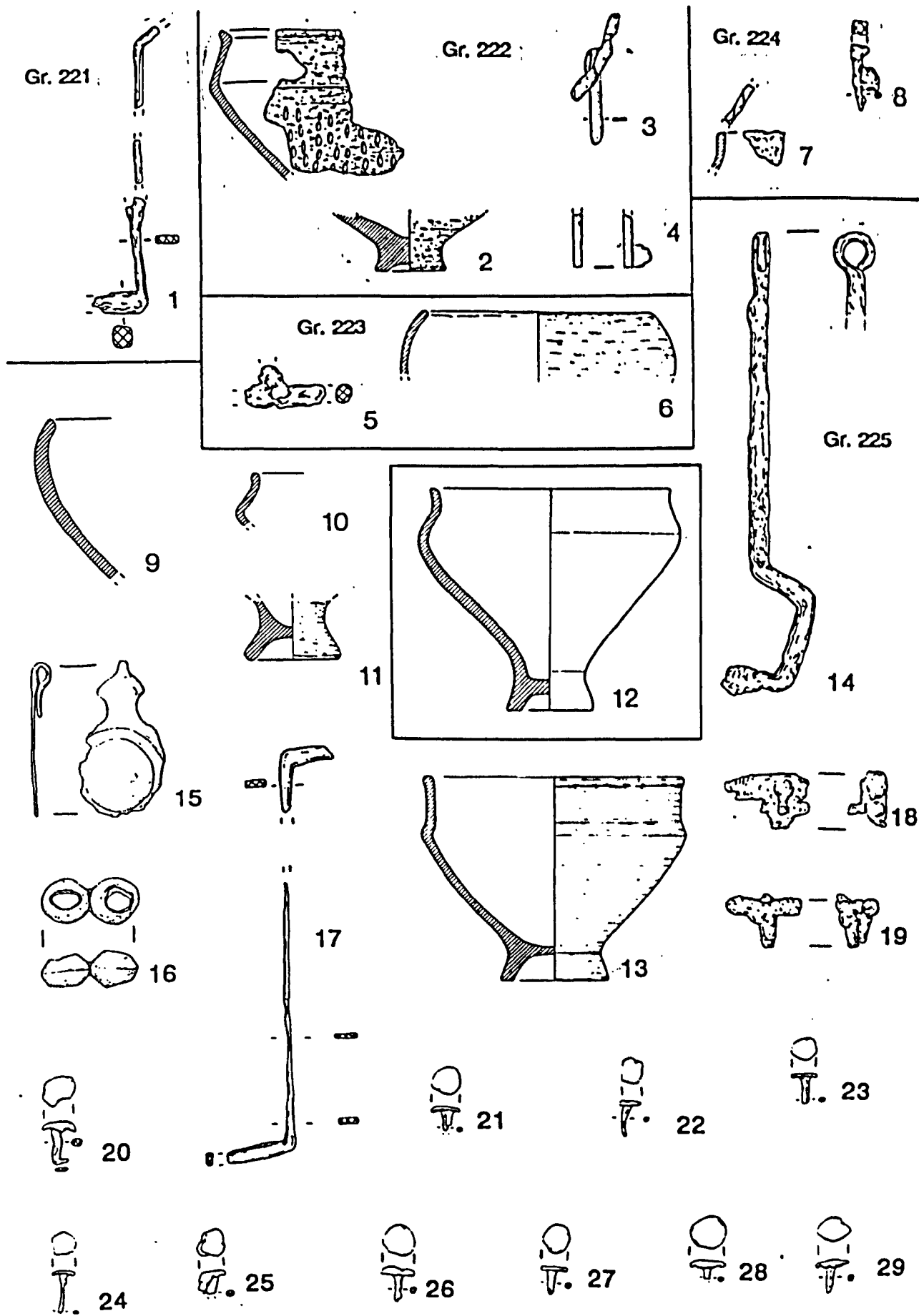


Fig. LIV. A22 Rheindorf: Grave 221 (1), Grave 222 (2-4), Grave 223 (5, 6), Grave 224 (7, 8), Grave 225 (9-29). Scales: 2, 6, 7, 9-13, 1:4; 1, 3-5, 8, 14-29, 1:2.

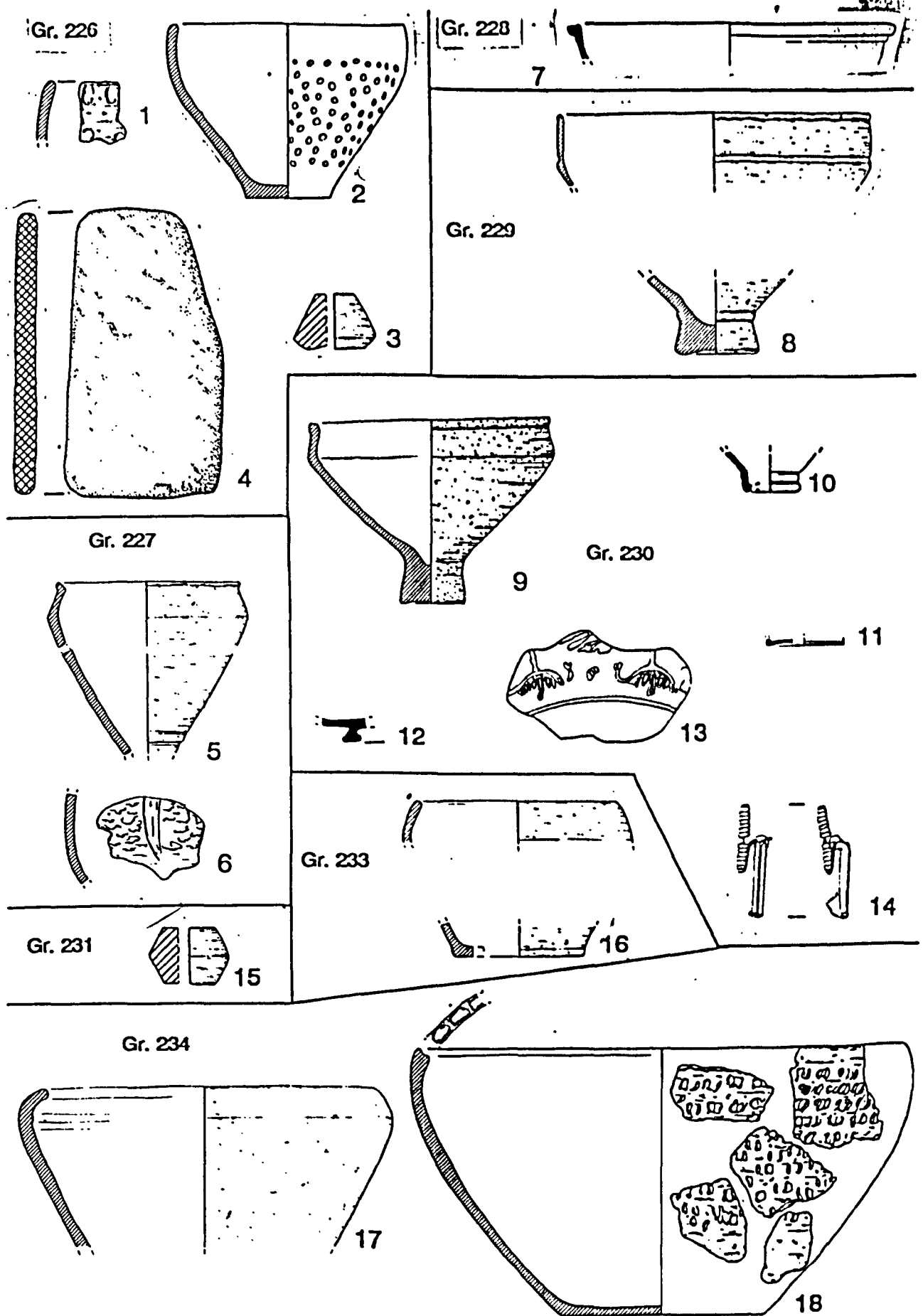


Fig. LV. A22 Rheindorf: Grave 226 (1-4), Grave 227 (5, 6), Grave 228 (7), Grave 229 (8), Grave 230 (9-14), Grave 231 (15), Grave 233 (16), Grave 234 (17, 18, Contd. fig. LVI). Scales: 1, 2, 5-12, 16-18, 1:4; 3, 4, 13, 14, 15, 1:2.

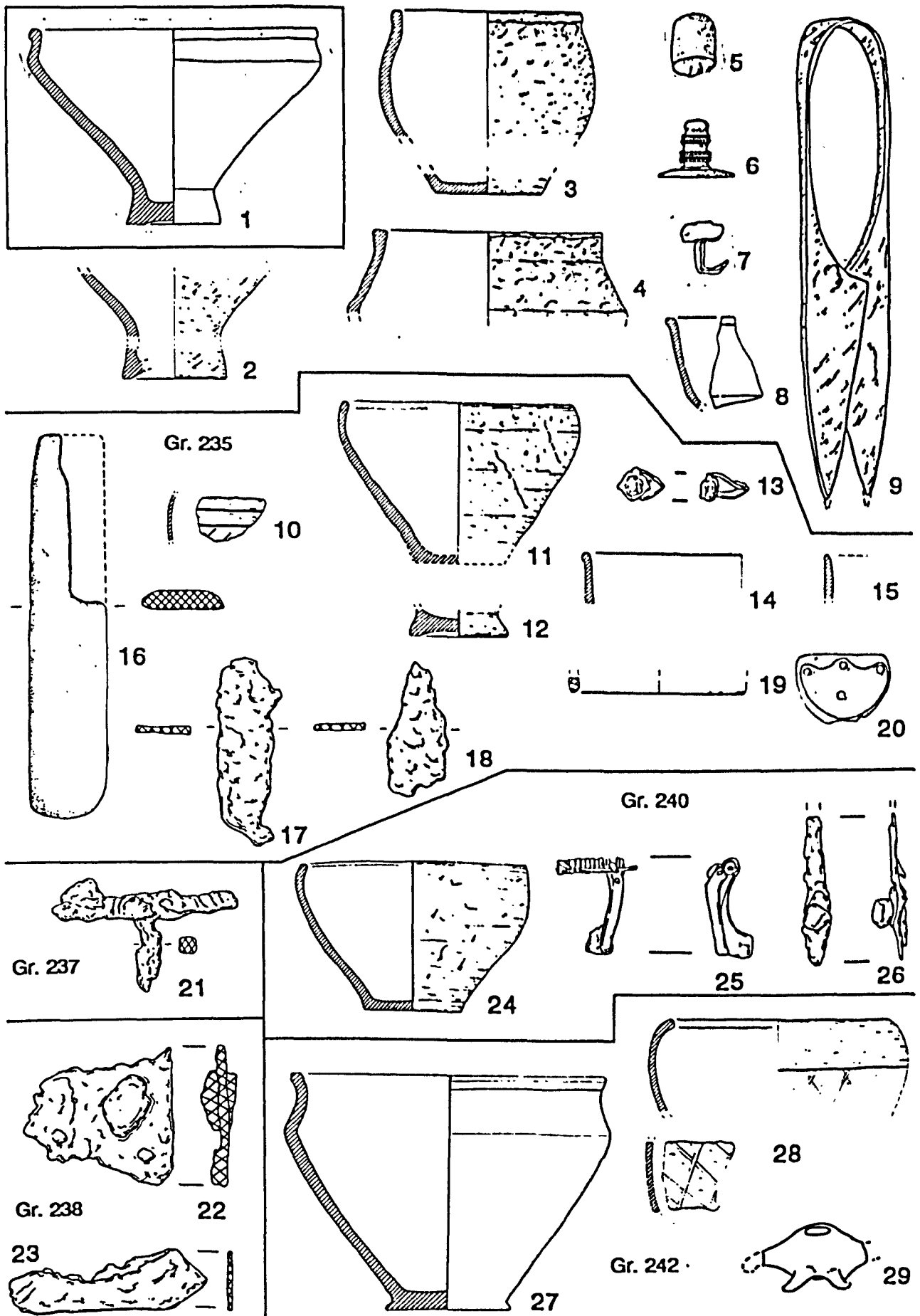


Fig. LVI. A22 Rheindorf: Grave 234 (Contd., 1-9), Grave 235 (10-20), Grave 237 (21), Grave 238 (22, 23), Grave 240 (24-26), Grave 242 (27-29, Contd. fig. LVII). Scales: 1-4, 8, 10-12, 14, 15, 24, 27, 28, 1:4; 5-7, 9, 13, 16-20, 21-23, 25, 26, 1:2; 29, scale not known.

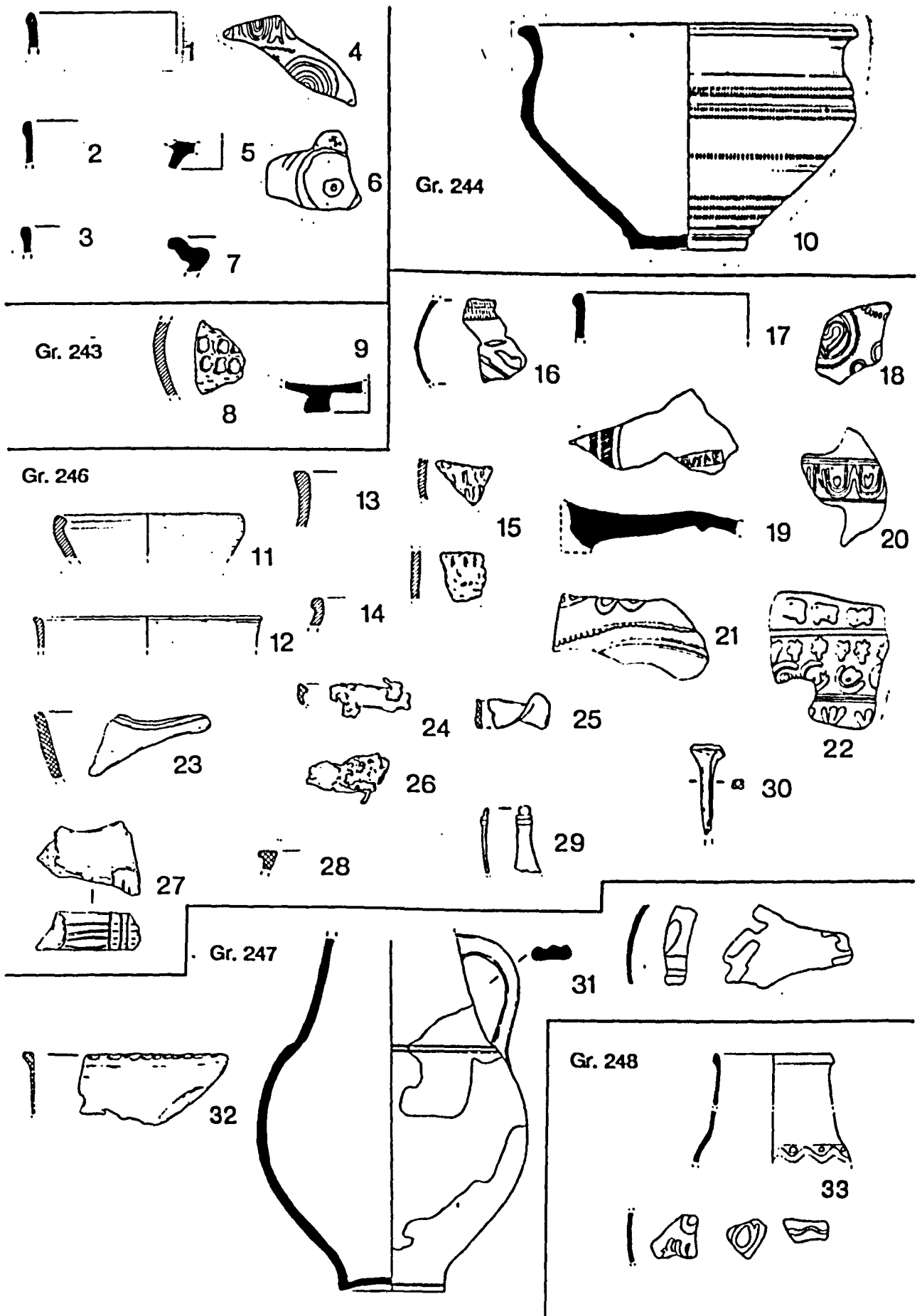


Fig. LVII. A22 Rheindorf: Grave 242 (Contd., 1-7), Grave 243 (8, 9), Grave 244 (10), Grave 246 (11-30), Grave 247 (31-32), Grave 248 (33). Scales: 1-3, 5, 7-10, 11-17, 31, 33, 1:4; 4, 6, 18-30, 32, 1:2.

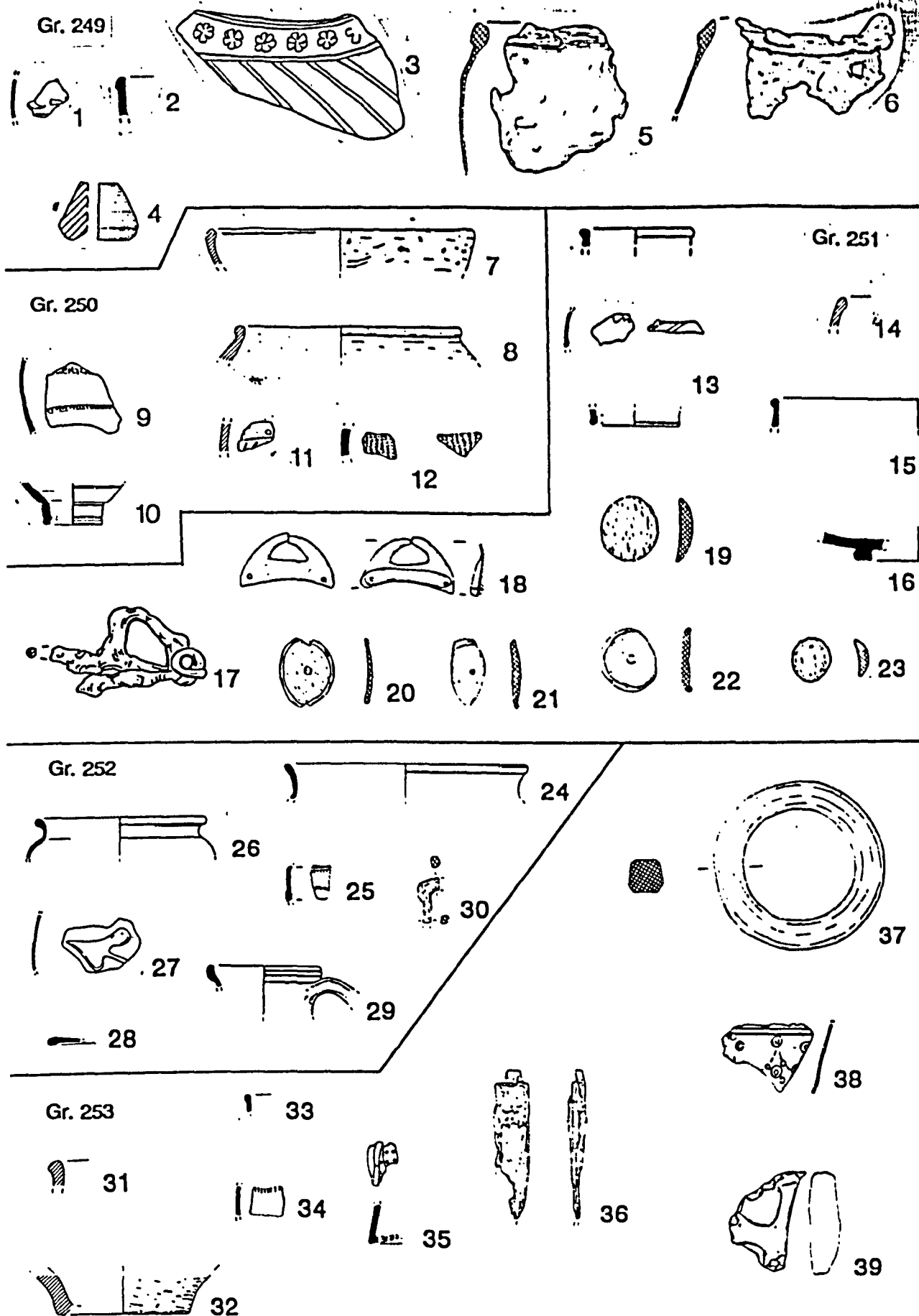


Fig. LVIII. A22 Rheindorf: Grave 249 (1-6), Grave 250 (7-12), Grave 251 (13-23), Grave 252 (24-30), Grave 253 (31-39). Scales: 1, 2, 7-16, 24-29, 31-35, 1:4; 3-6, 17-23, 30, 36-39, 1:2.



Fig. LIX. A22 Rheindorf: Grave 254 (1-18), Grave 255 (19-25), Grave 256 (26-39), Grave 257 (40, 41). Scales: 1-3, 5-7, 9, 10, 19-22, 26a, 27, 39, 40, 1:4; 4, 8, 11-8, 23-25, 26b, 28-38, 41, 1:2.

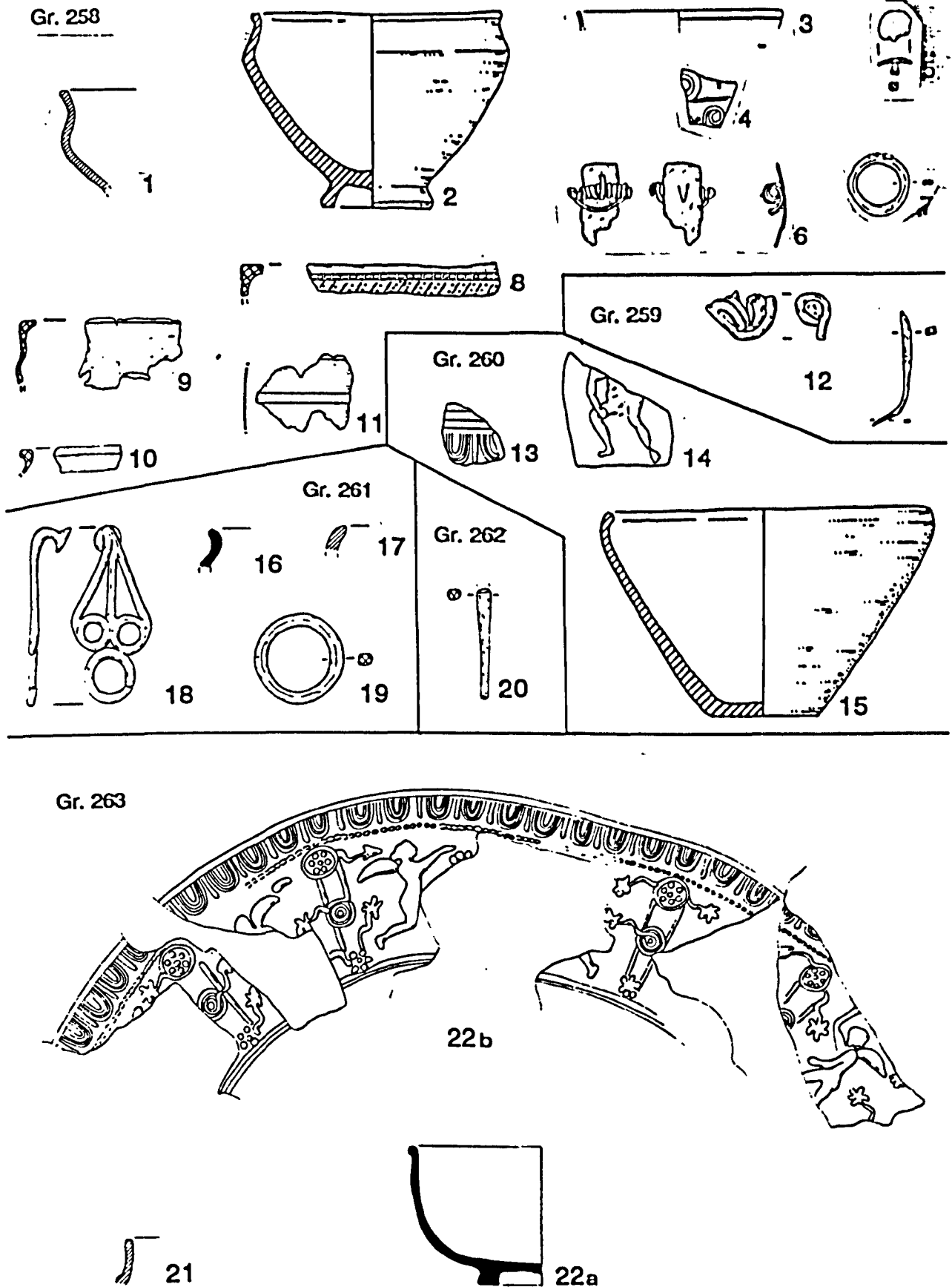


Fig. LX. A22 Rheindorf: Grave 258 (1-11), Grave 259 (12), Grave 260 (13-15), Grave 261 (16-19), Grave 262 (20), Grave 263 (21, 22a/b). Scales: 1-3, 15-17, 21, 22a, 1:4; 4-14, 18-20, 22b, 1:2.

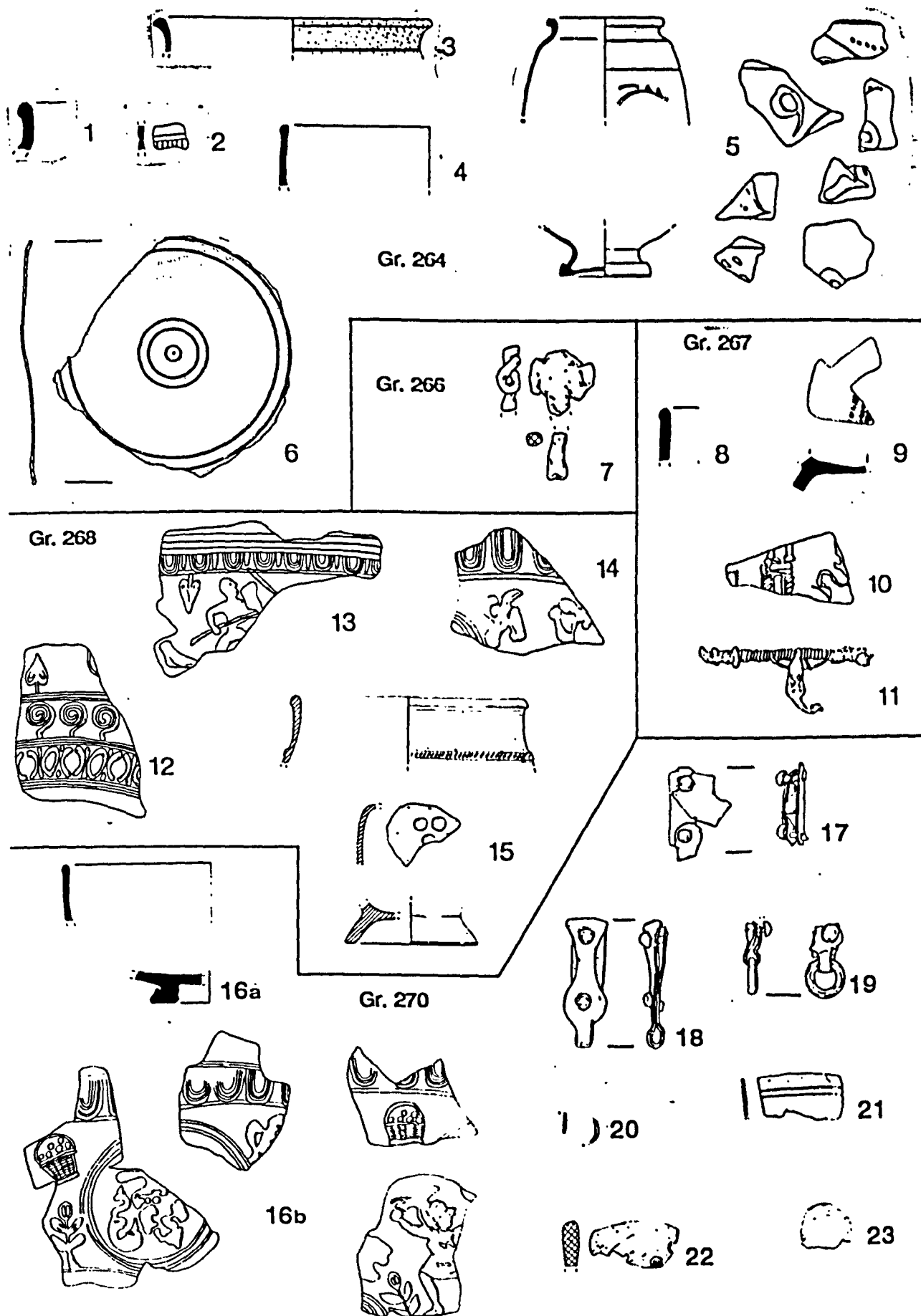


Fig. LXI. A22 Rheindorf: Grave 264 (1-6), Grave 266 (7), Grave 267 (8-11), Grave 268 (12-15), Grave 270 (16-23). Scales: 1-5, 8, 9, 15, 16a, 1:4; 6, 7, 10-14, 16b, 17-23, 1:2.

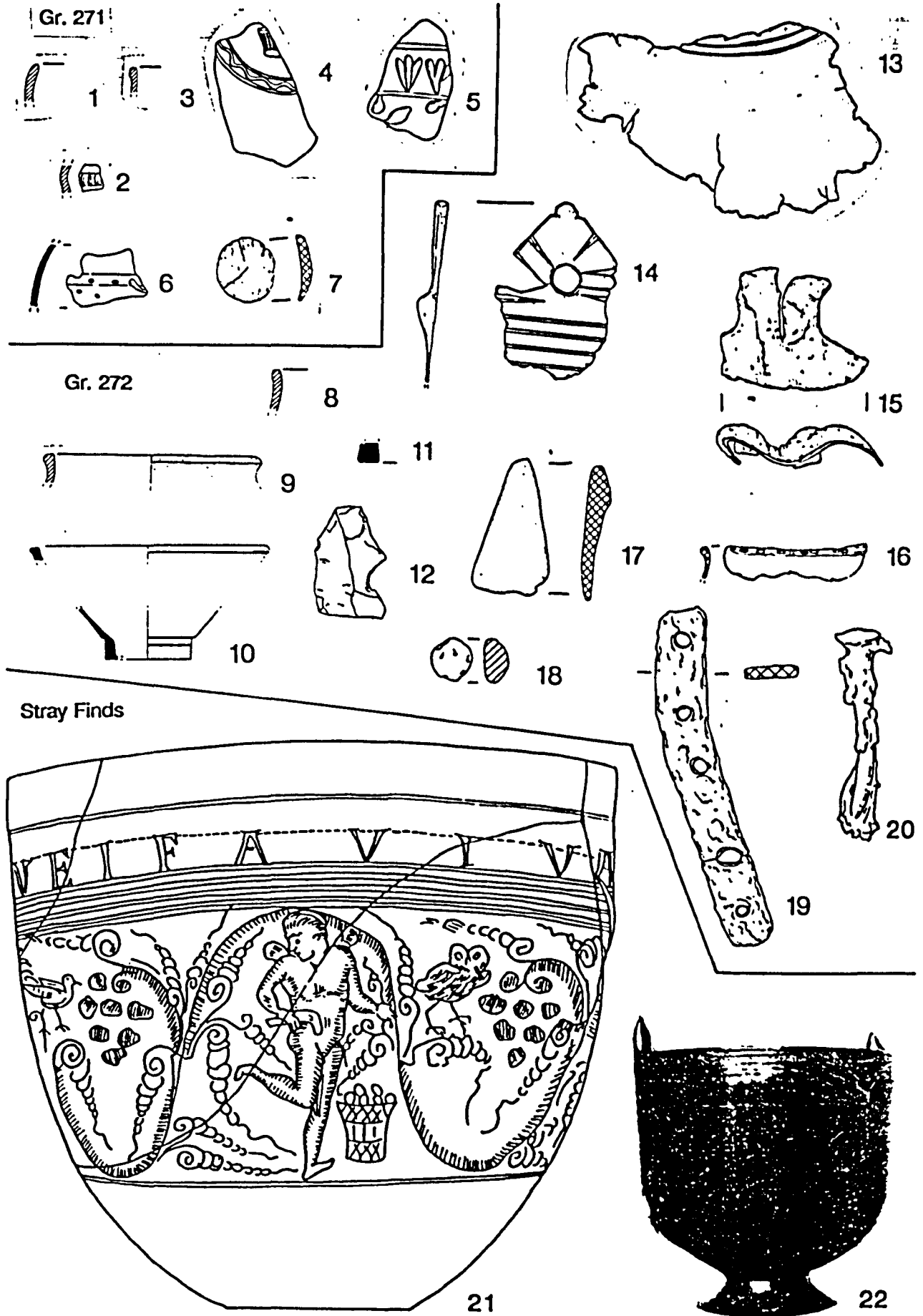


Fig. LXII. A22 Rheindorf: Grave 271 (1-7), Grave 272 (8-20), Stray Finds (21, 22, Contd. fig. LXIII). Scales: 1-3, 6, 8-11, 1:4; 4, 5, 7, 12-19, 21, 1:2; 20, 2:3; 22, 1:4-1:5.

STRAY FINDS

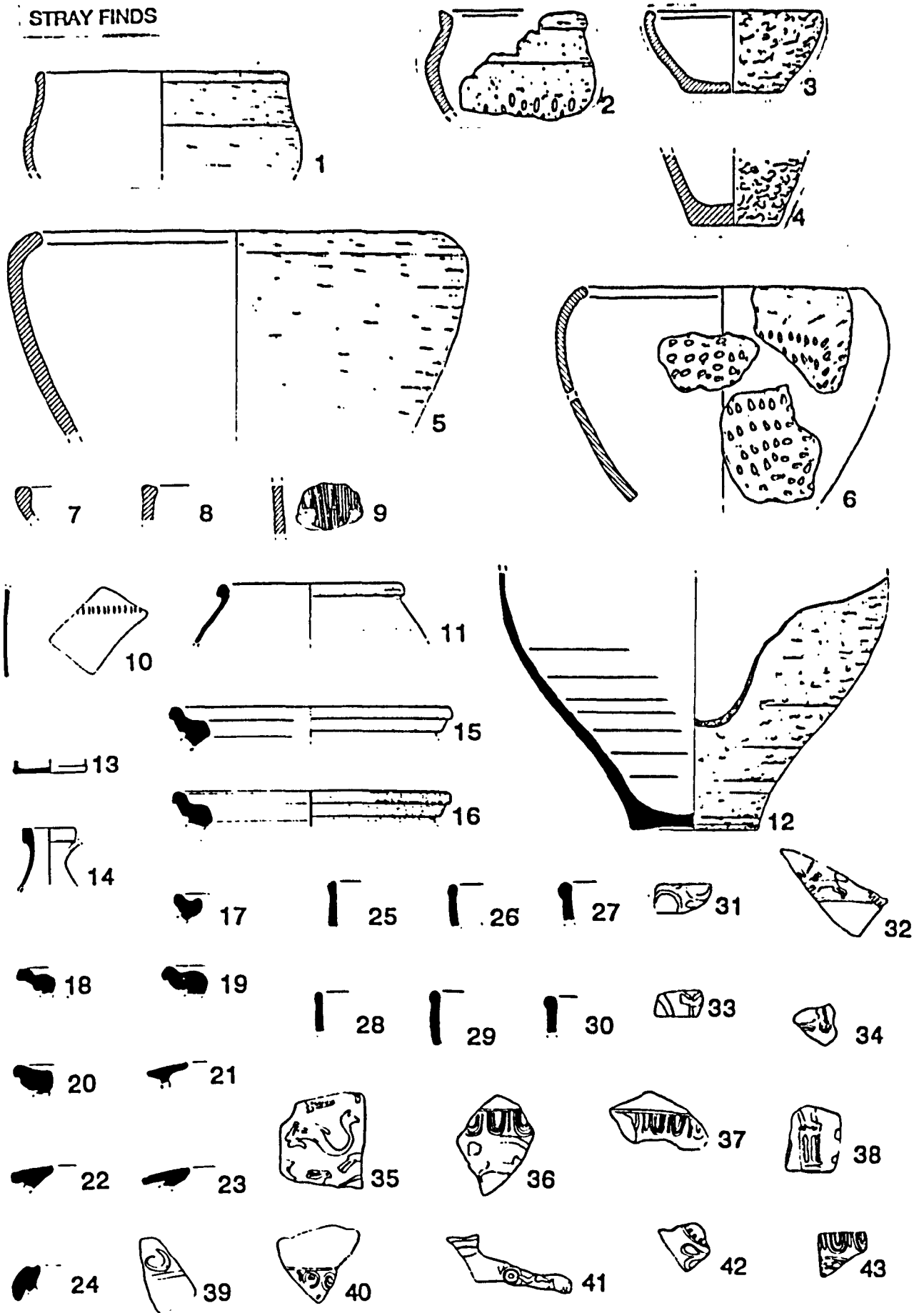


Fig. LXIII. A22 Rheindorf: Stray Finds (Contd. fig. LXIV). Scales: 1-30, 1:4; 31-43, 1:2.

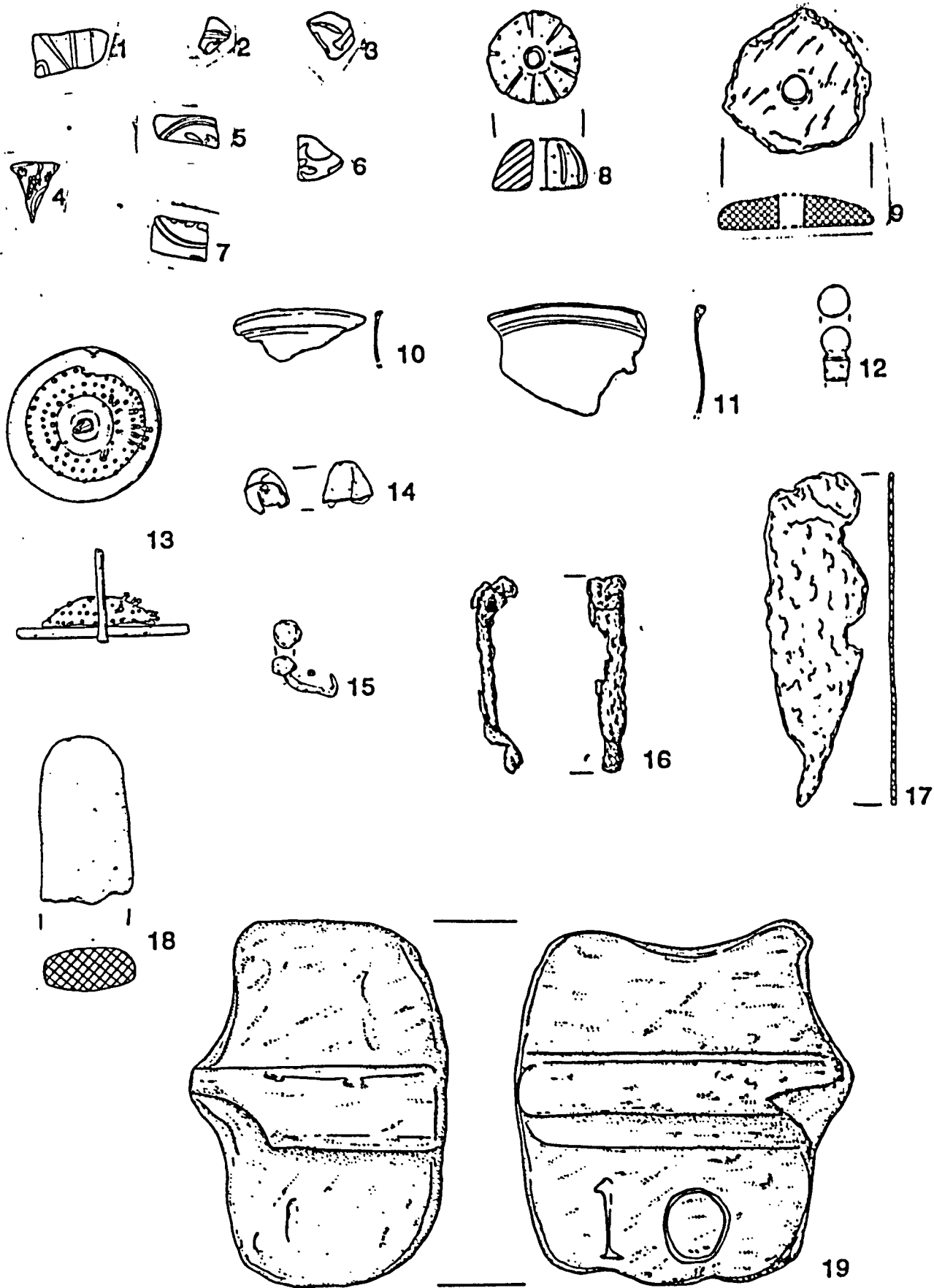


Fig. LXIV. A22 Rheindorf: Stray Finds (Contd.). Scales: 1-19, 1:2.

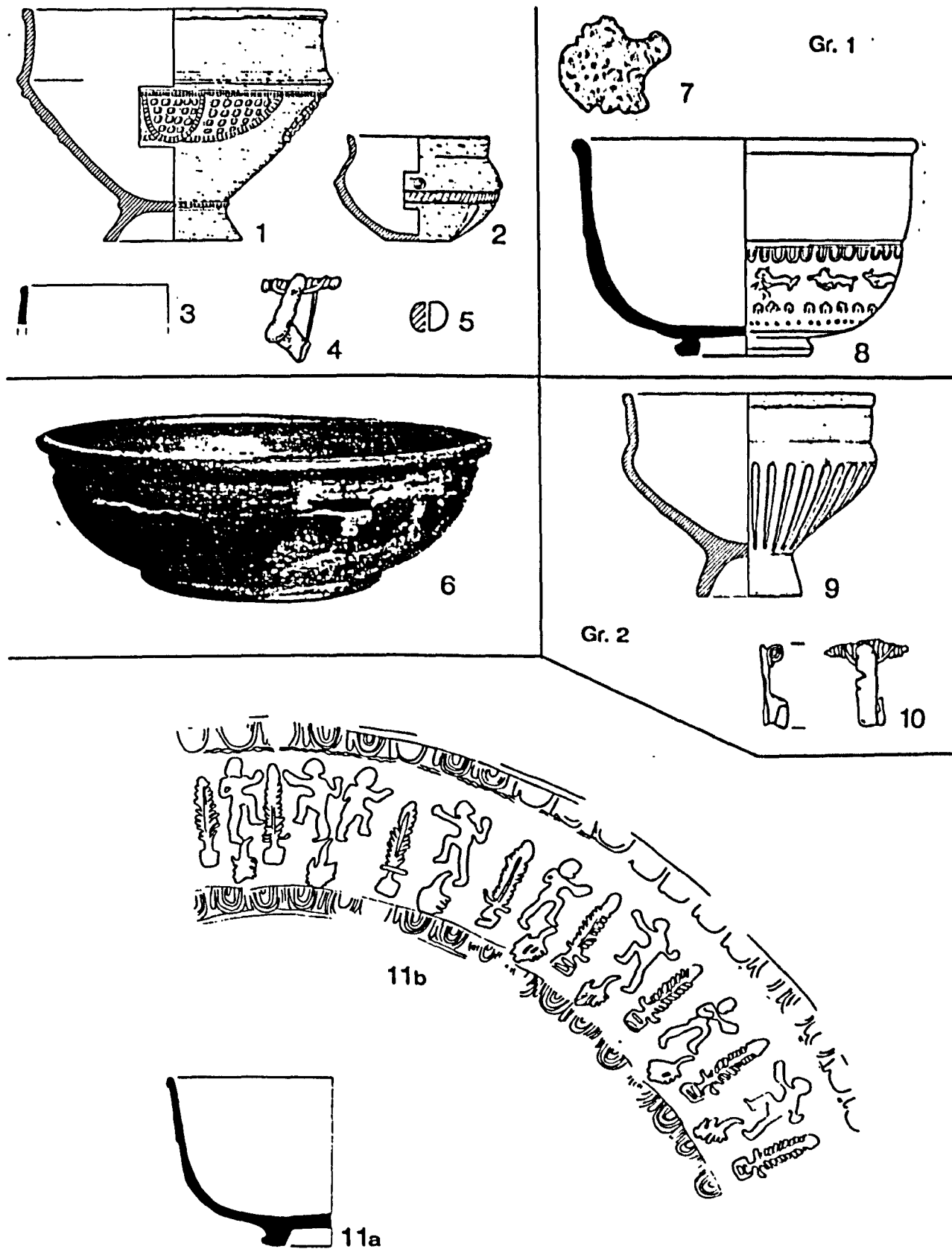


Fig. LXV. A27 Hilden (1-5); A29 Düsseldorf-Reisholz (6); A30 Düsseldorf-Eller, Grave 1 (7, 8), Grave 2 (9, 10); A32 Düsseldorf-Klein Eller (11a/b). Scales: 1-3, 8, 9, 11a, 1:4; 4, 5, 7, 10, 11b, 1:2; 6, 1:3.

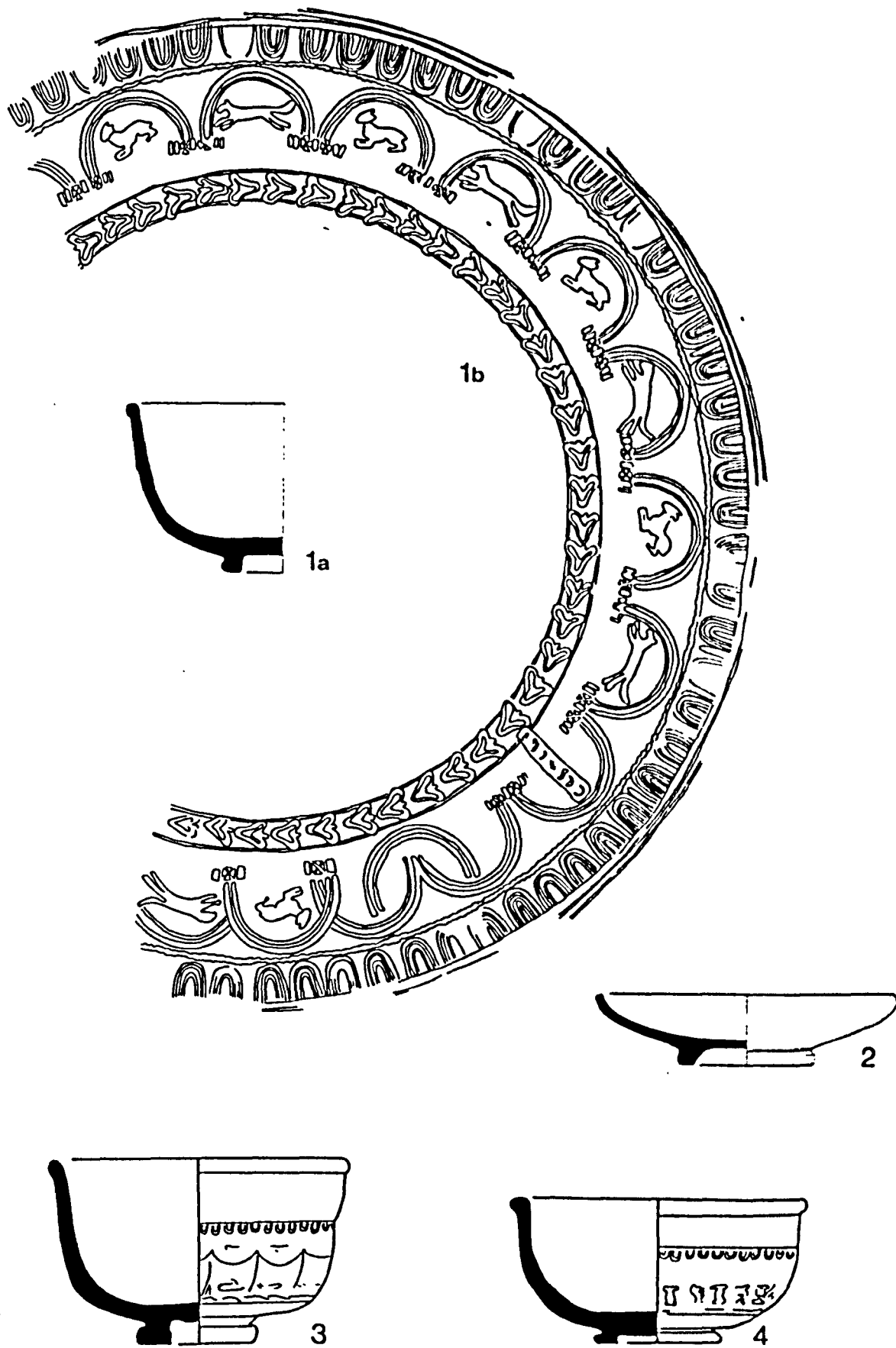


Fig. LXVI. A32 Düsseldorf-Klein Eller. Scales: 1a, 2-4, 1:4; 1b, 1:2.

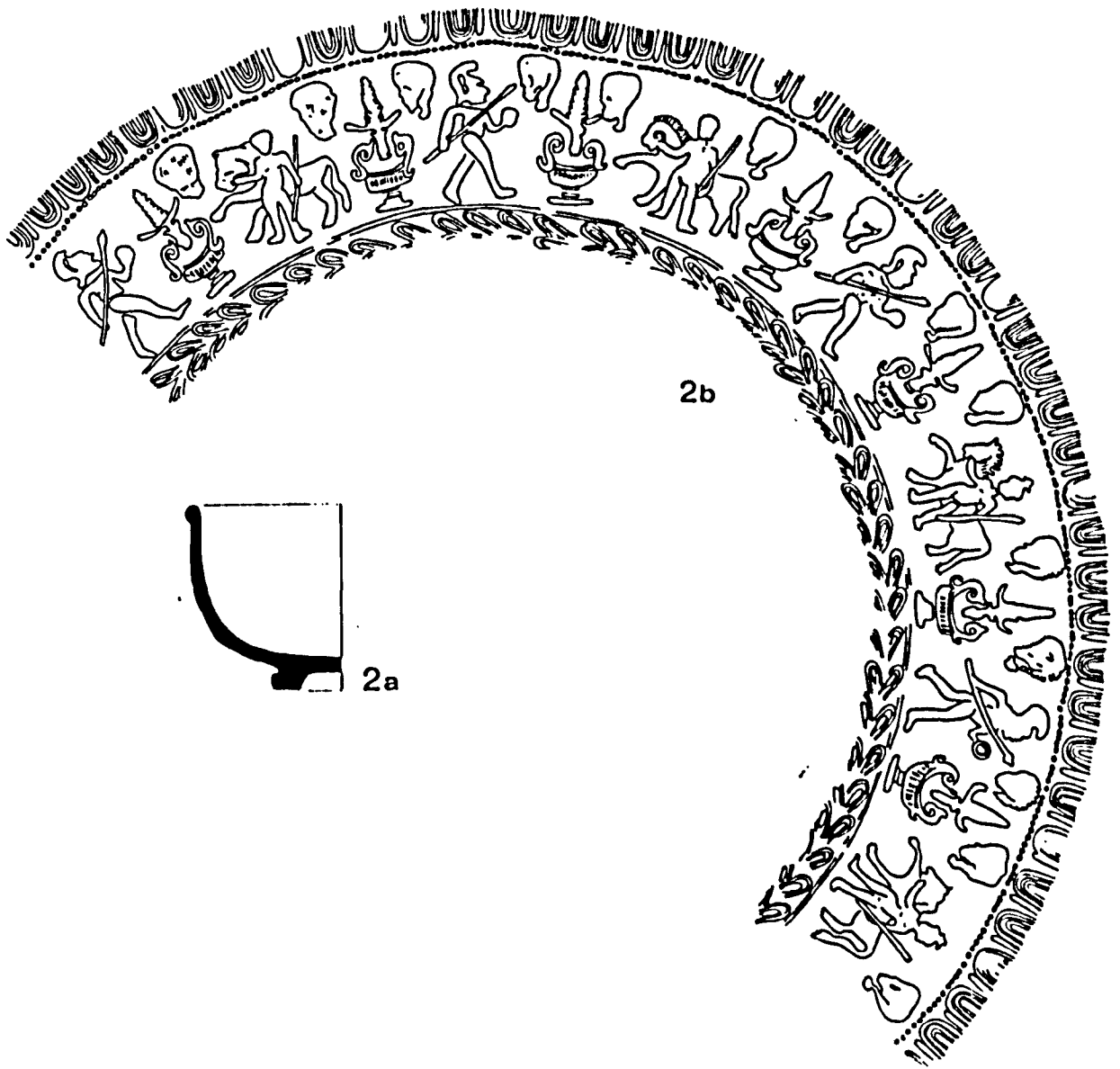
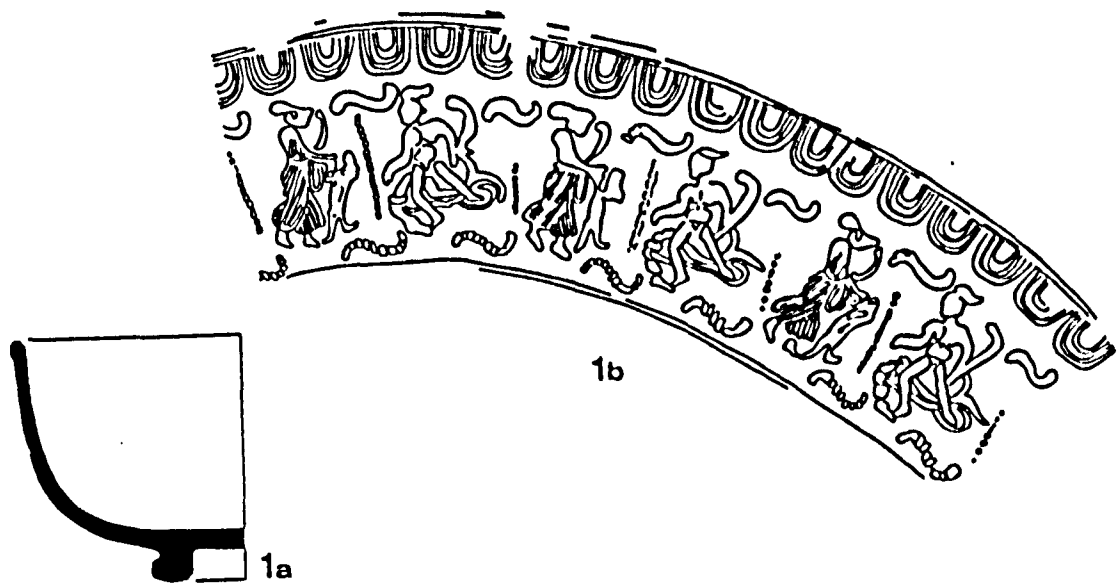


Fig. LXVII. A36 Düsseldorf-Oberbilk. Scales: 1a, 2a, 1:4; 1b, 2b, 1:2.

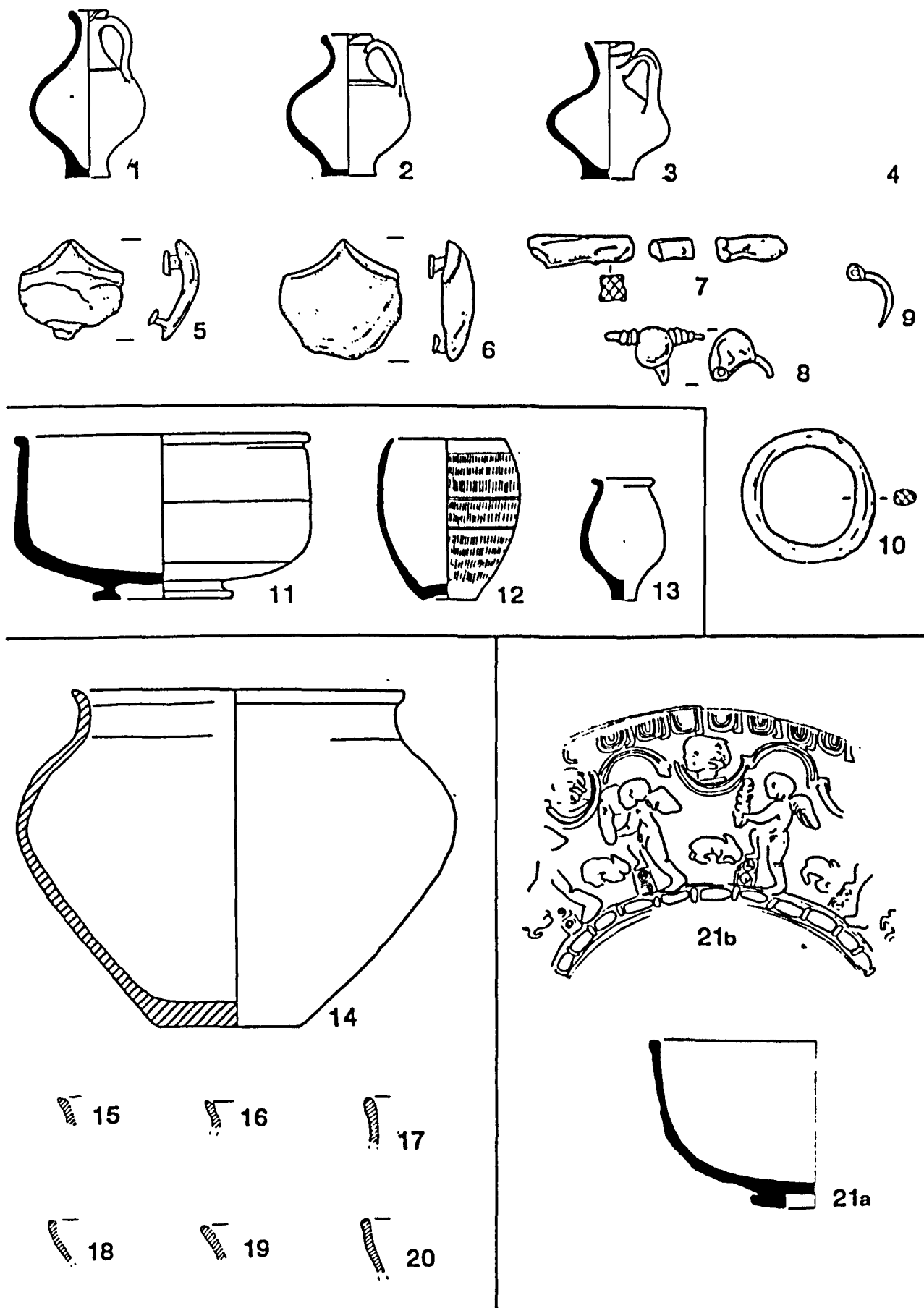


Fig. LXVIII. A38 Düsseldorf (1-10); A42 Düsseldorf-Gerresheim (11-13); A46 Düsseldorf-Lohausen (14-20); A51 Duisburg-Serm (21a/b, Contd. fig. LXX)., Scales: 1-4, 11-20, 21a, 1:4; 5-10, 21b, 1:2.

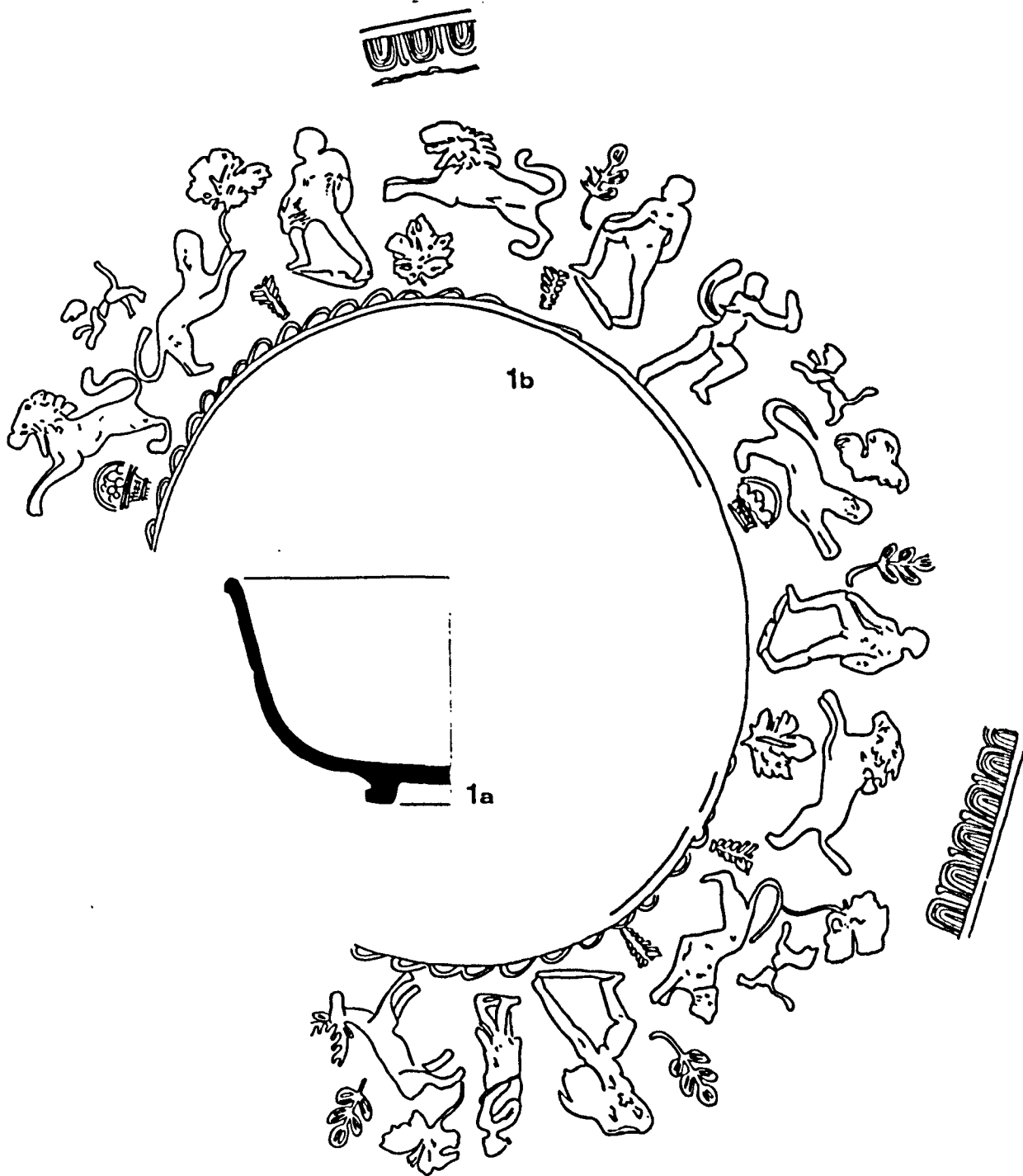


Fig. LXIX. A45 Düsseldorf-Lohausen. Scales: 1a, 1:4; 1b, 1:2.

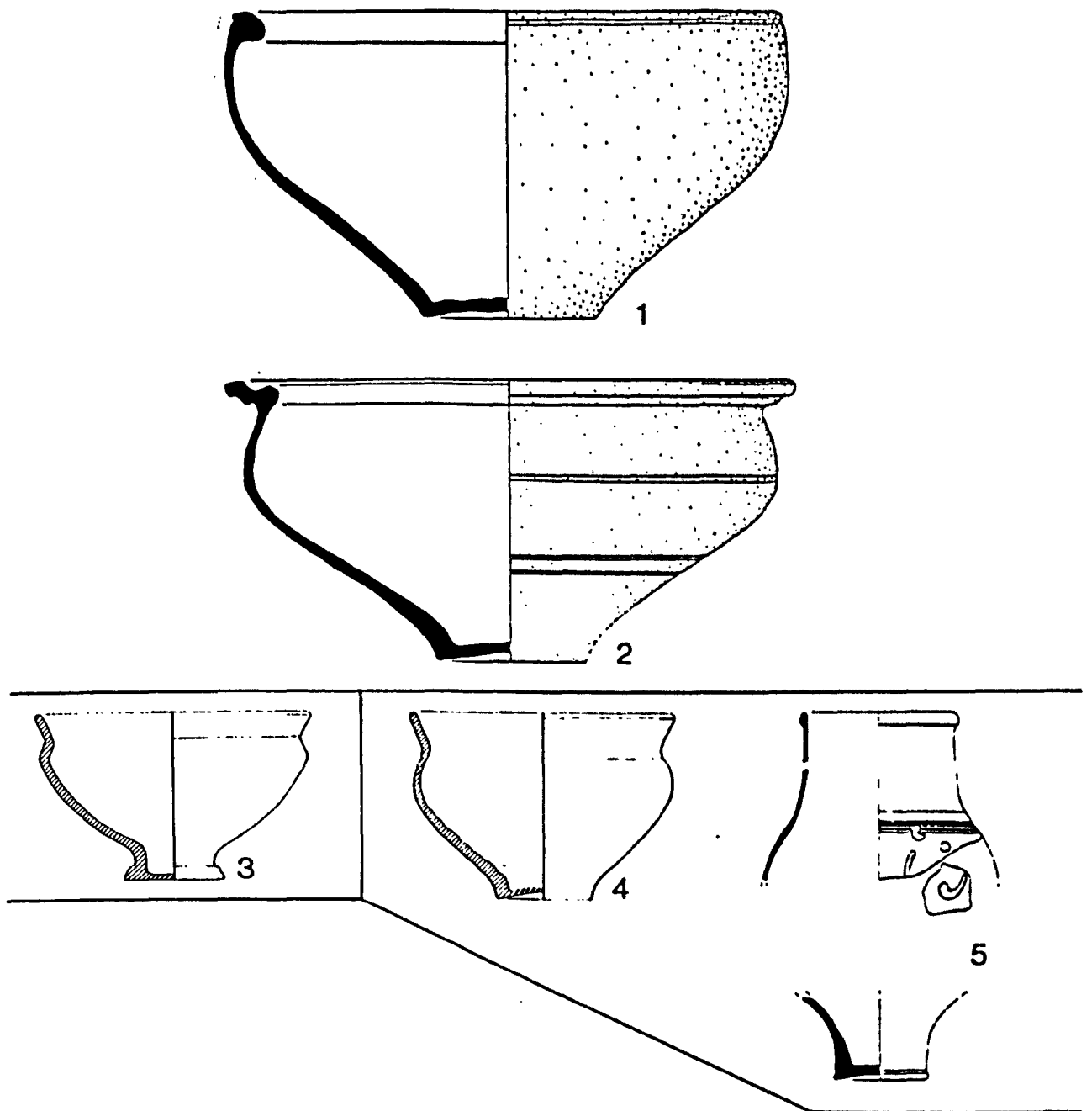


Fig. LXX. A51 Duisburg-Serm (Contd., 1, 2); A66 Duisburg-Obermeiderich (3); A52 Duisburg-Serm (4, 5). Scale: 1:4.

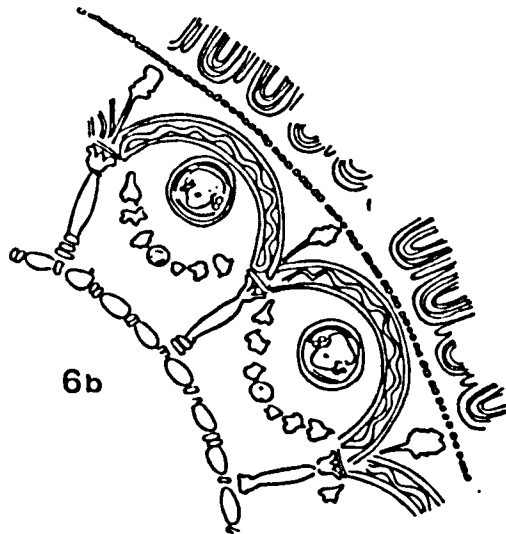
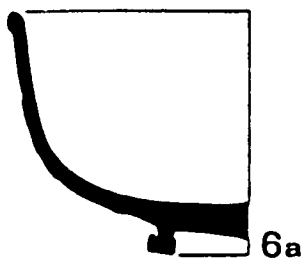
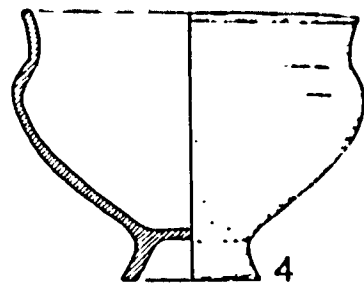
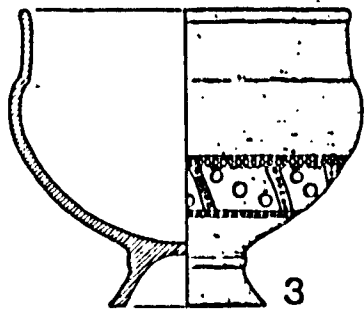
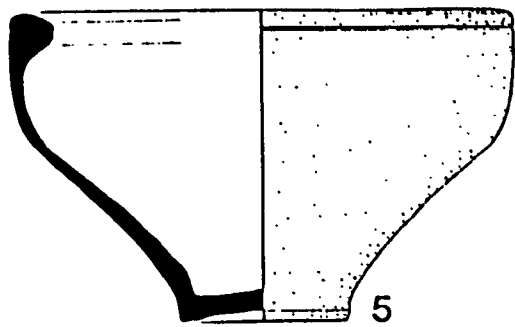
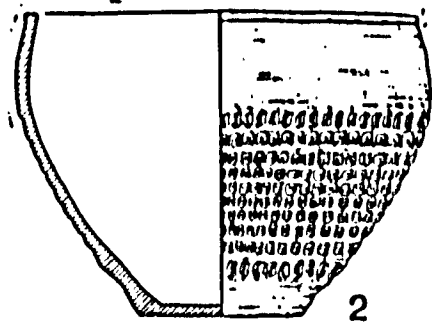
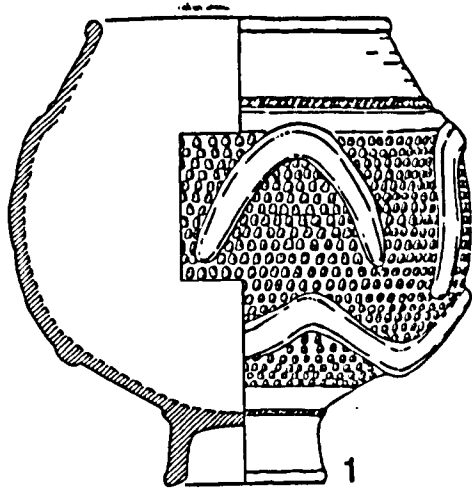
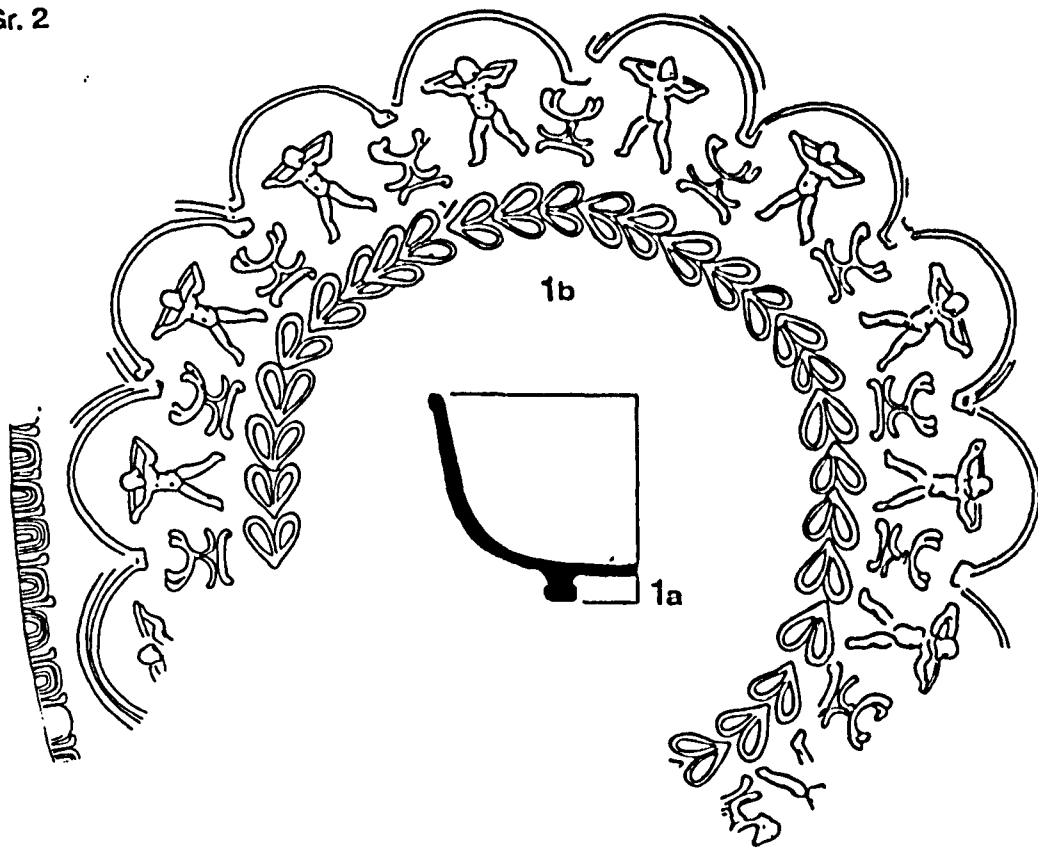
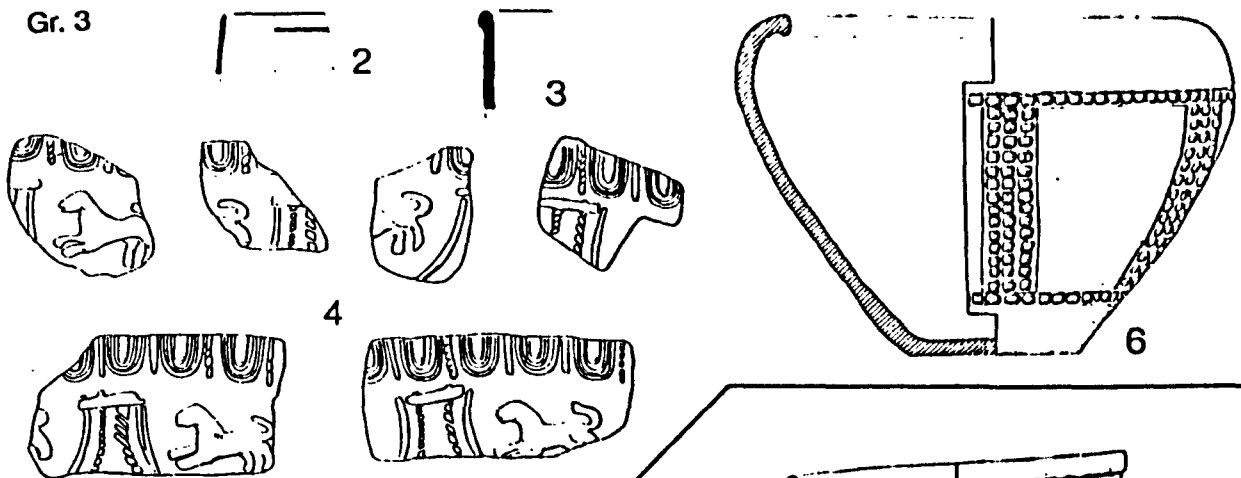


Fig. LXXI. A55 Duisburg-Huckingen. Scales: 1-5, 6a, 1:4; 6b, 1:2.

Gr. 2



Gr. 3



Gr. 9

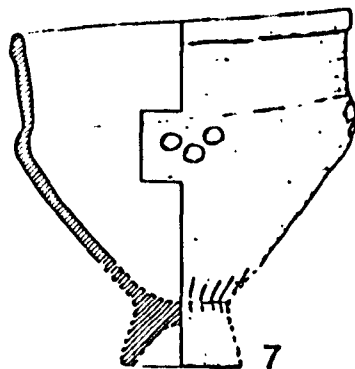


Fig. LXXII. A56 Duisburg-Ehingen: Grave 2 (1a/b), Grave 3 (2-6), Grave 9 (7). Scales: 1a, 2, 3, 6, 7, 1:4; 1b, 4, 5, 1:2.

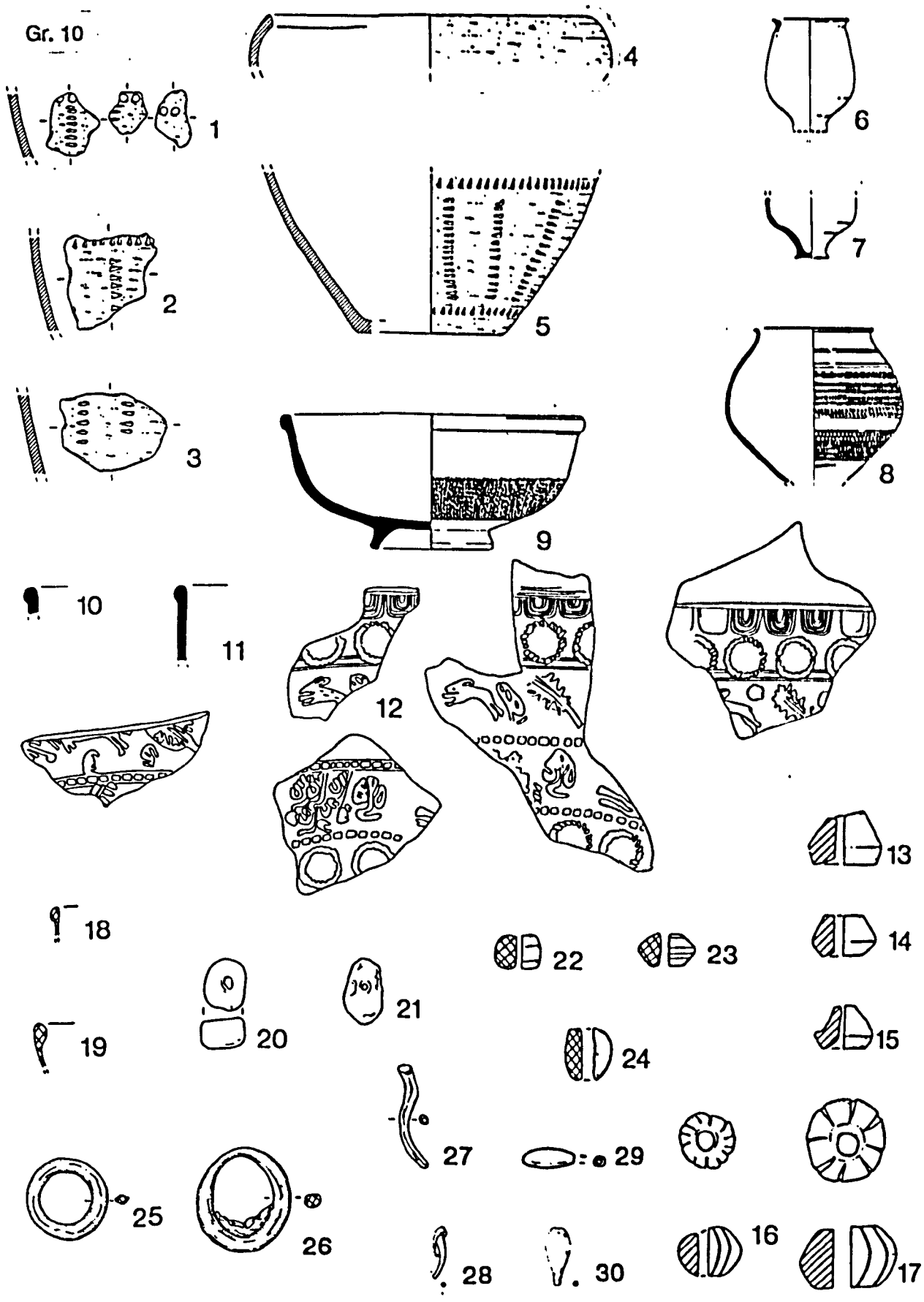
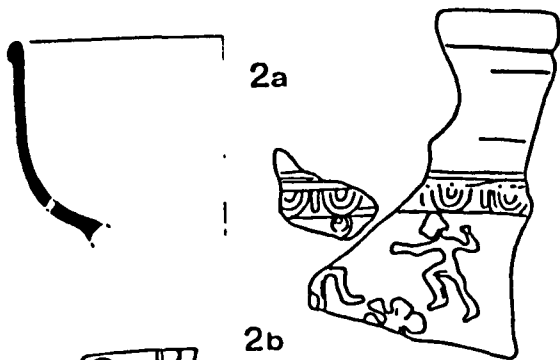
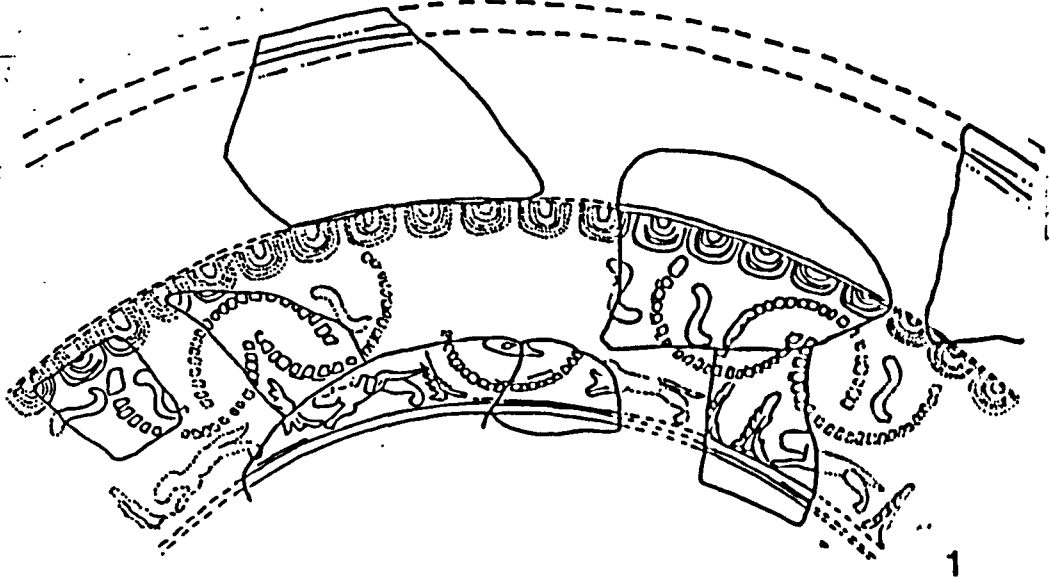
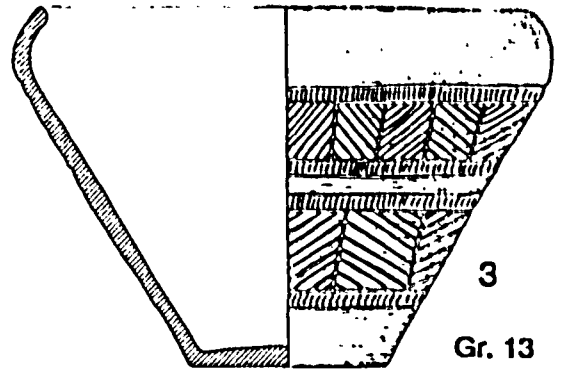


Fig. LXXIII. A56 Duisburg-Ehingen: Grave 10. Scales: 1-11, 1:4; 12-28, 30, 1:2; 29, 1:1.

Gr. 4



Gr. 12



Gr. 13

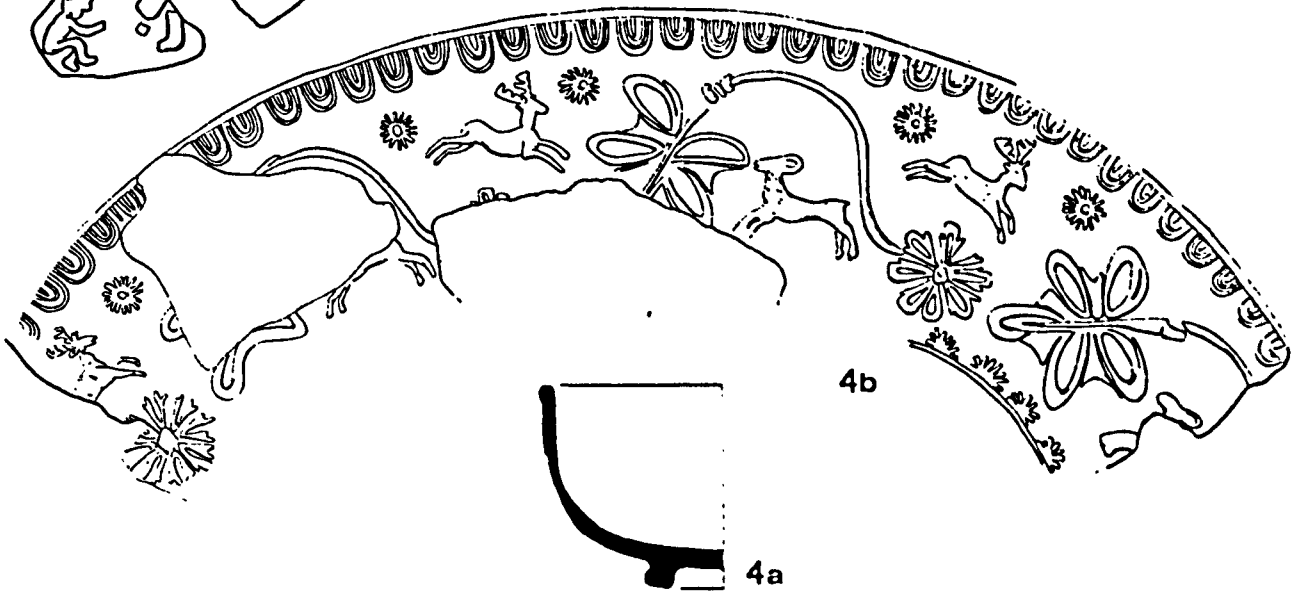


Fig. LXXIV. A56 Duisburg-Ehingen: Grave 4 (1), Grave 12 (2a/b), Grave 13 (3), Grave 13 or 14 (4a/b). Scales: 2a, 3, 4a, 1:4; 1, 2b, 4b, 1:2.

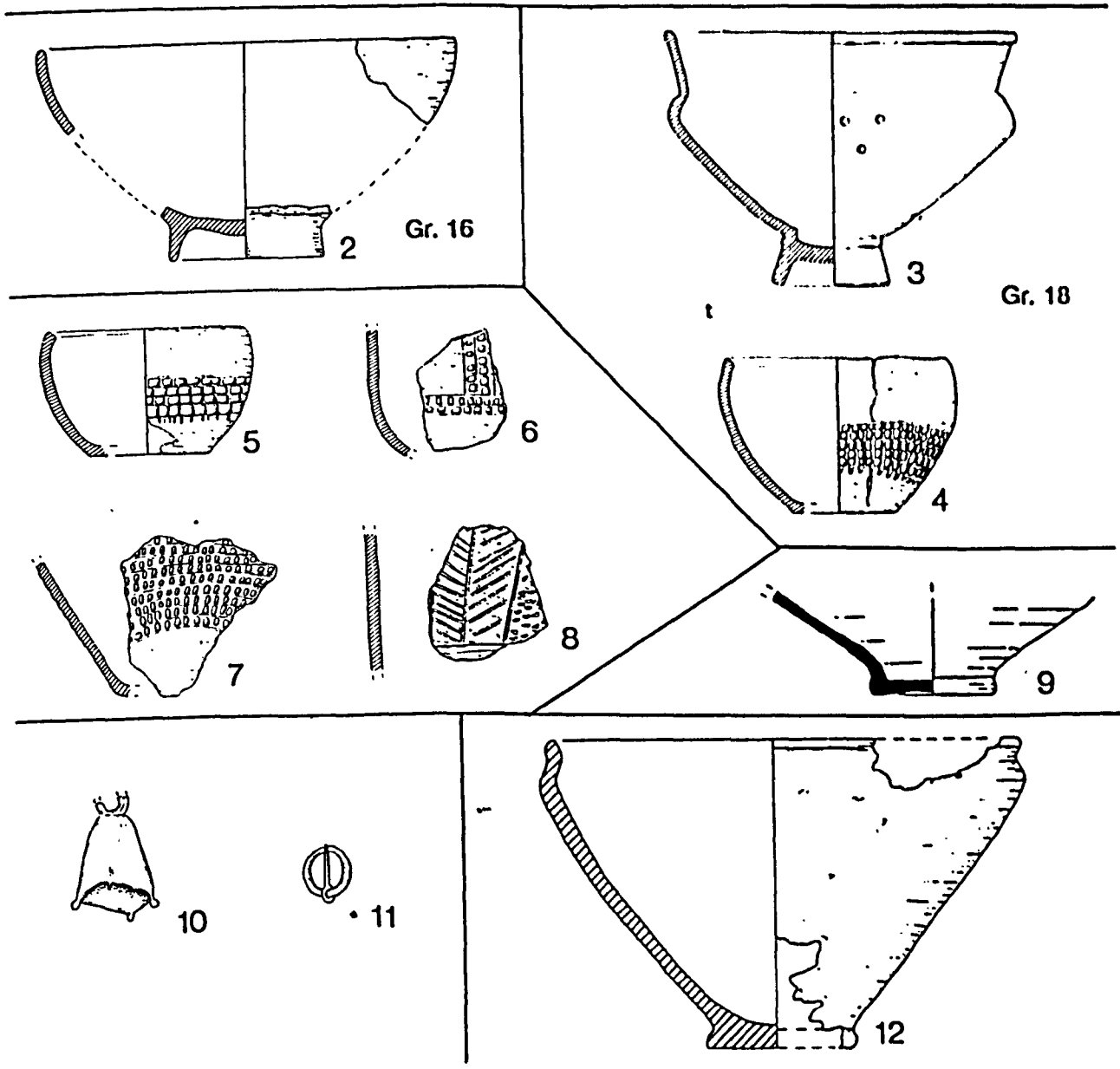
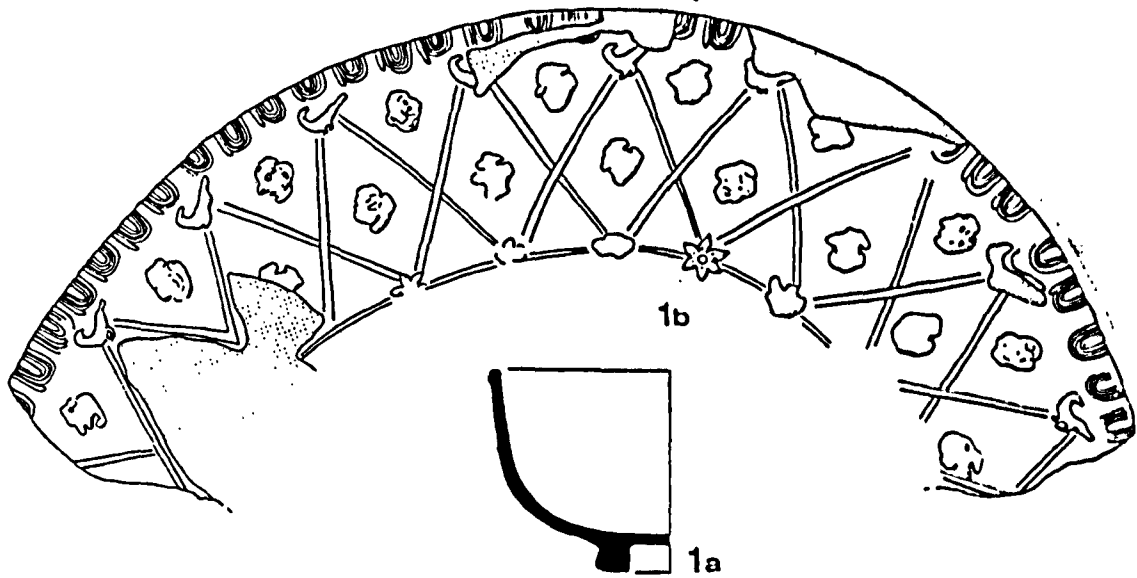


Fig. LXXV. A56 Duisburg-Ehingen: Grave 13 or 14 (1a/b), Grave 16 (2), Grave 18 (3, 4); A57 Duisburg-Ehingen (5-8); A58 Essen-Kettwig (9); A59 Duisburg-Wedau (10, 11); A60 Duisburg (12). Scales: 1a, 2-9, 12, 1:4; 1b, 10, 11, 1:2.

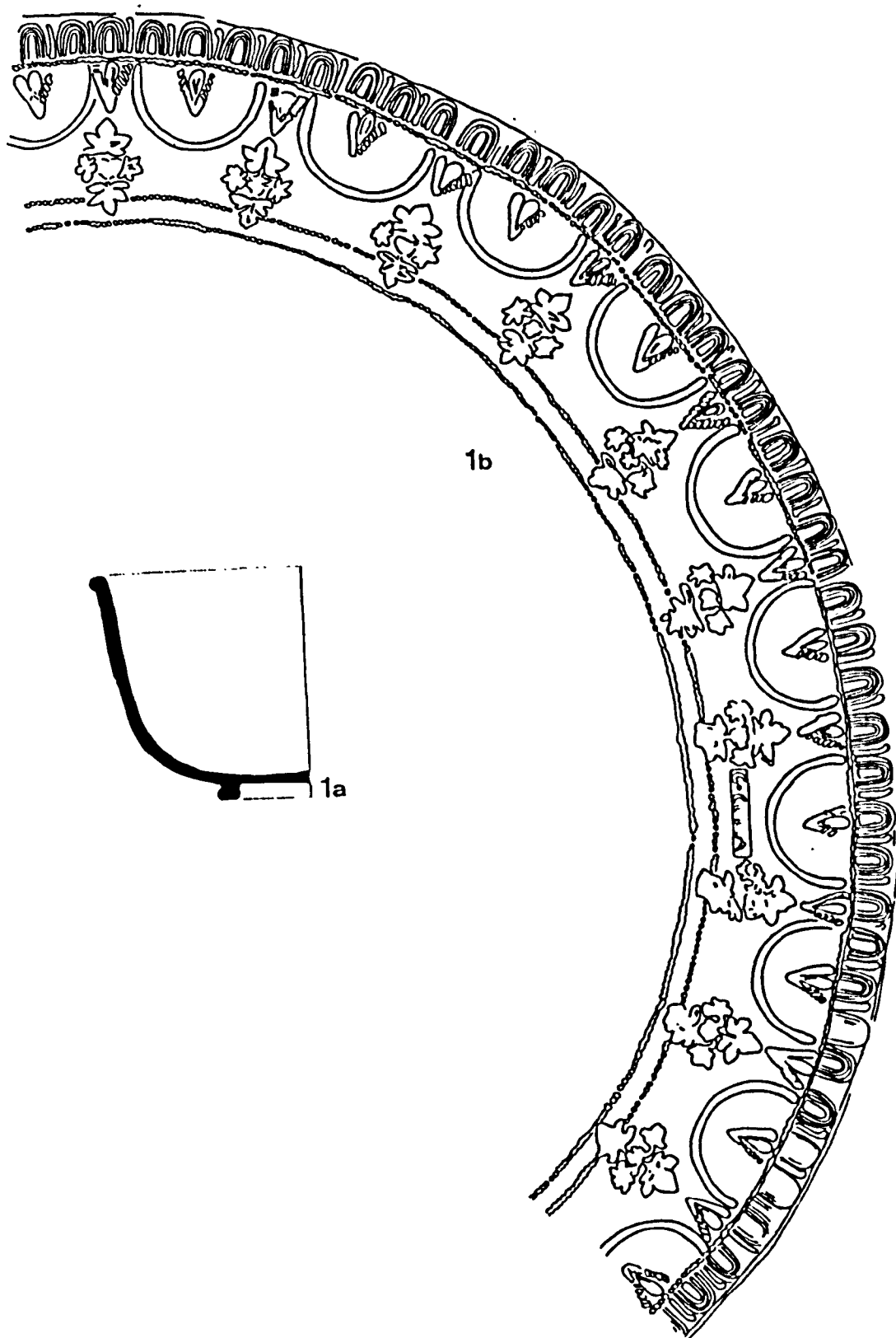


Fig. LXXVI. A63 Mülheim a. d. Ruhr. Scales: 1a, 1:4; 1b, 1:2.

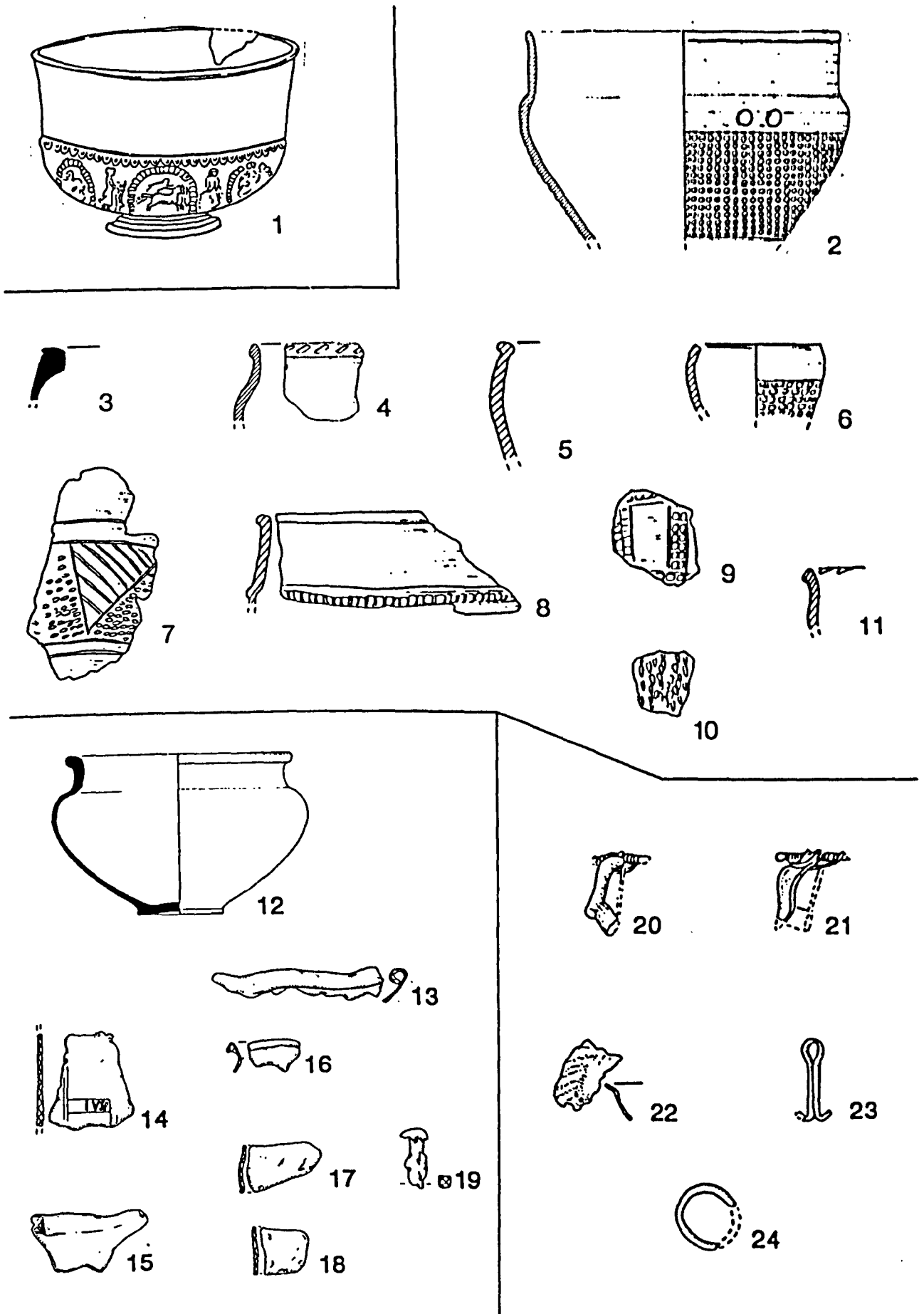


Fig. LXXVII. A61 Duisburg-Dellviertel (1); A62 Duisburg-Hamborn (2-11); A65 Duisburg-Hamborn (12-19); A68 Oberhausen (20-24). Scales: 1, 1:6; 2-12, 1:4; 13-24, 1:2.

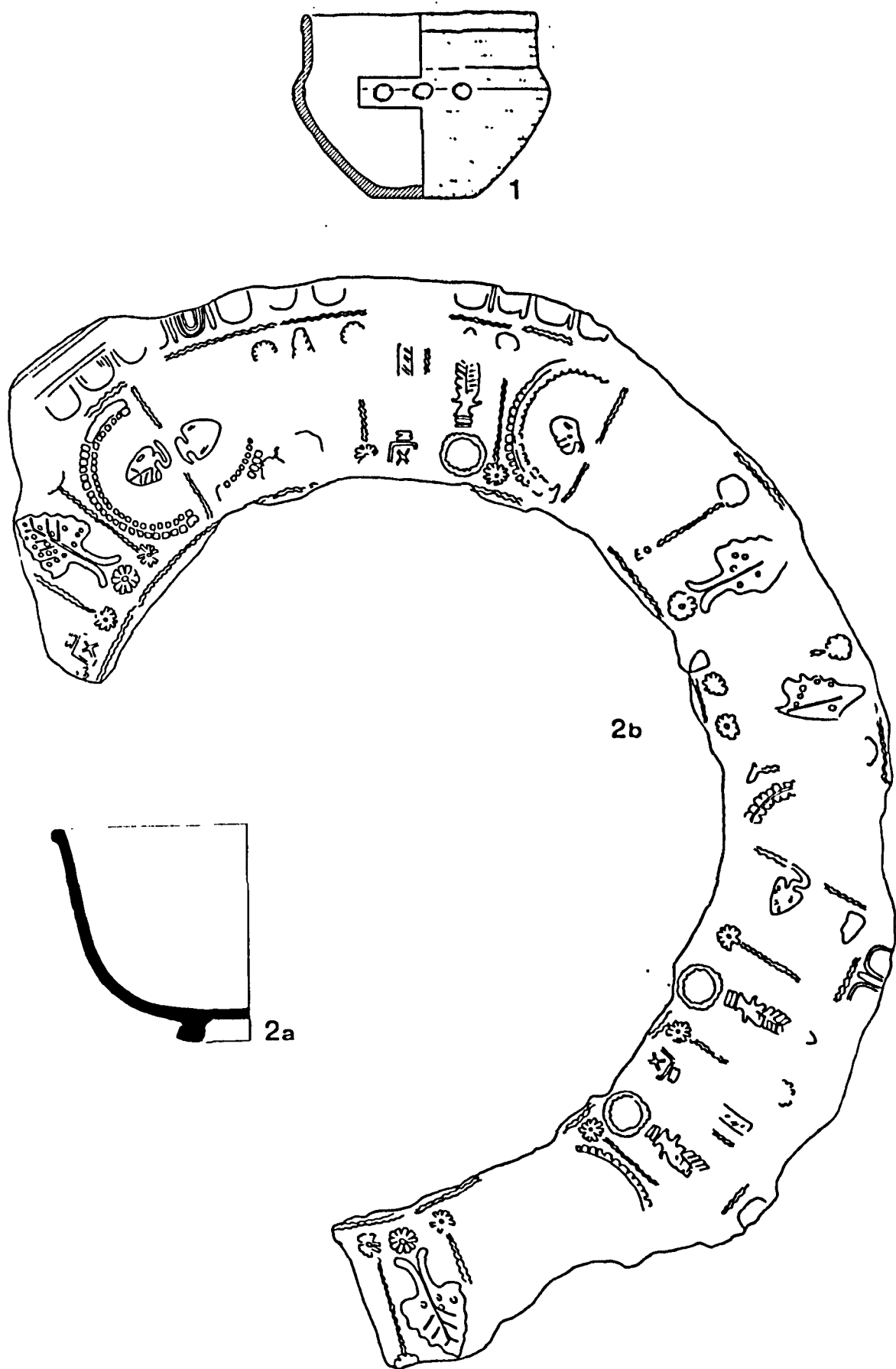


Fig. LXXVIII. A64 Duisburg-Duissern. Scales: 1, 2a, 1:4; 2b, 1:2.

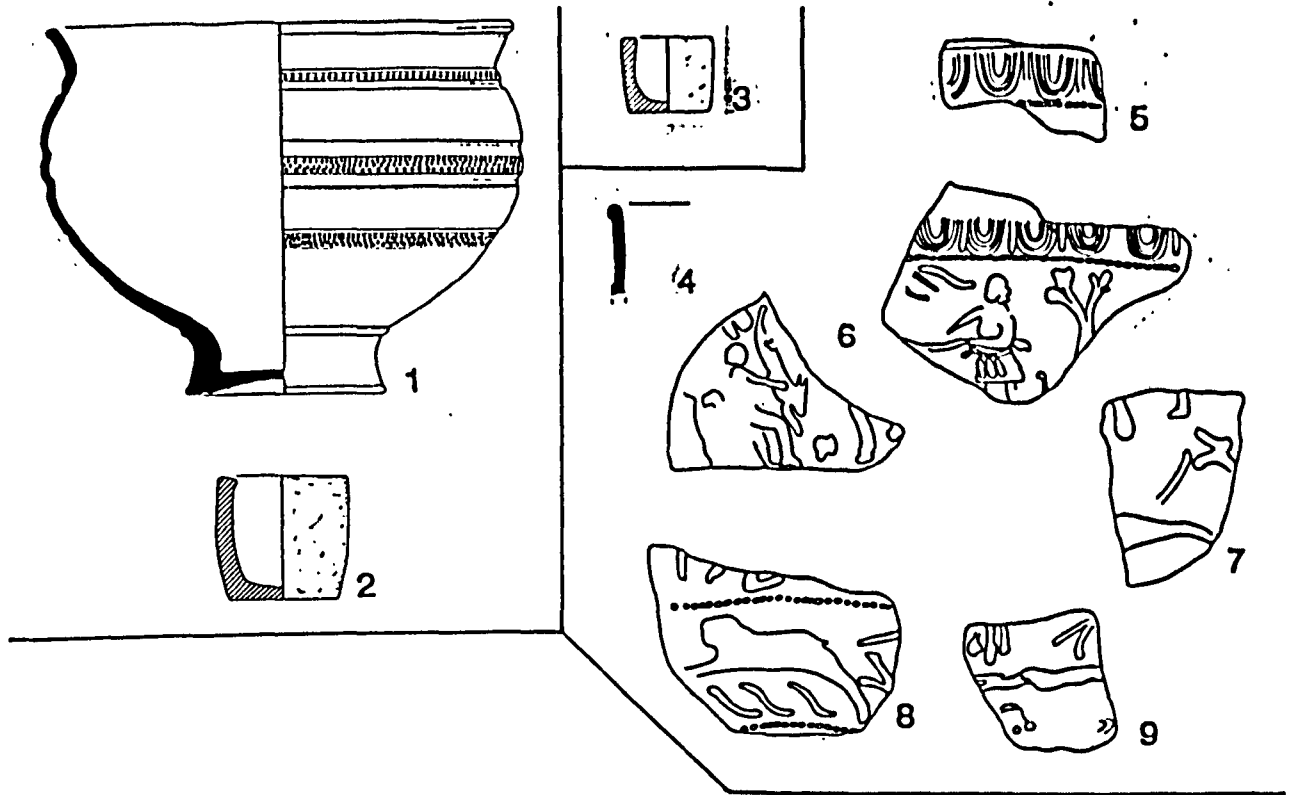


Fig. LXXIX. A72 Bucholtswelmen-Spellen (1, 2); A73 Bucholtswelmen-Spellen (3); A74 Voerde (4-9). Scales: 1-4, 1:4; 5-9, 1:2.

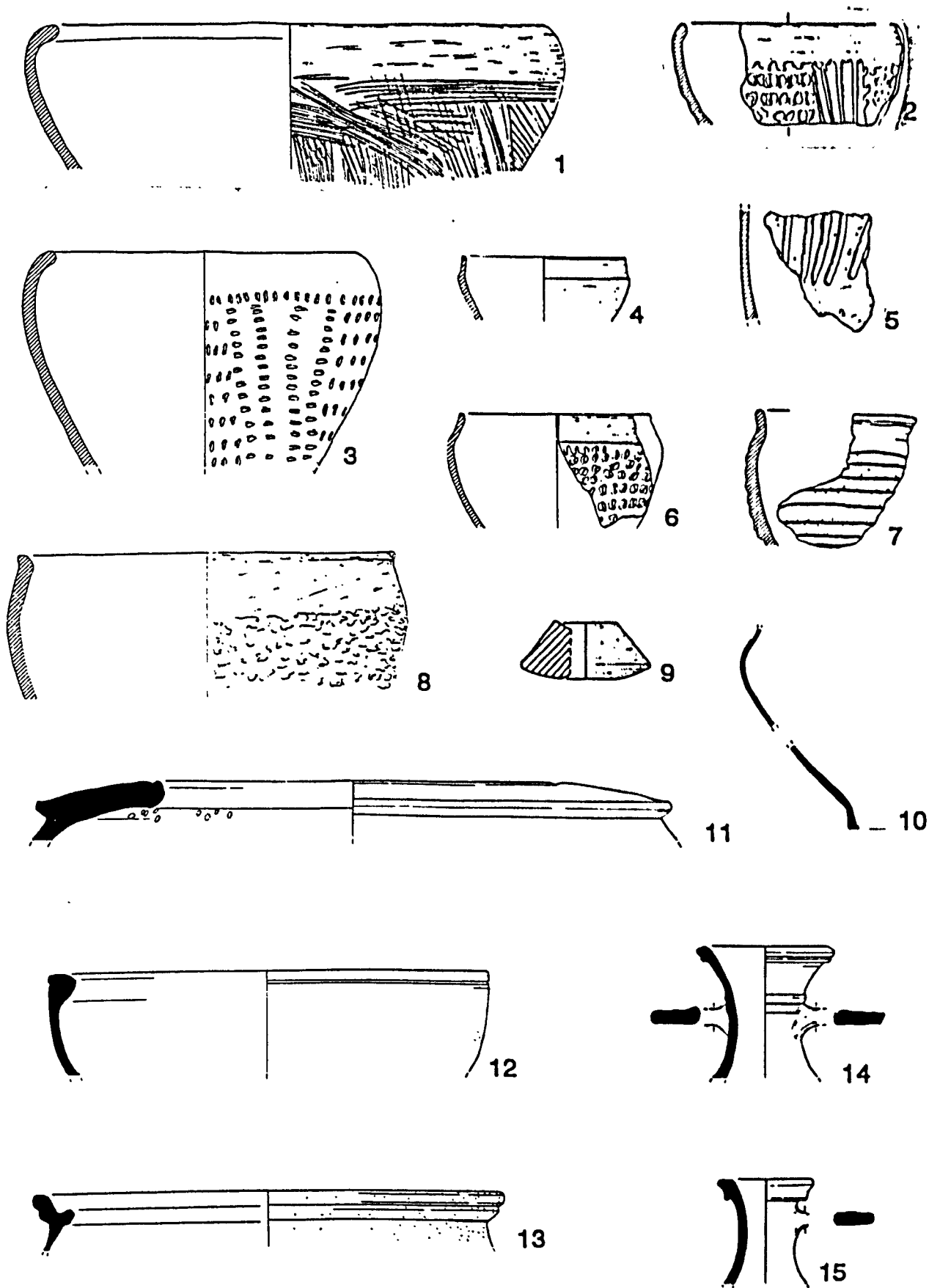


Fig. LXXX. B5 Hangelar. Scales: 1-8, 10-15, 1:4; 9, 1:2.

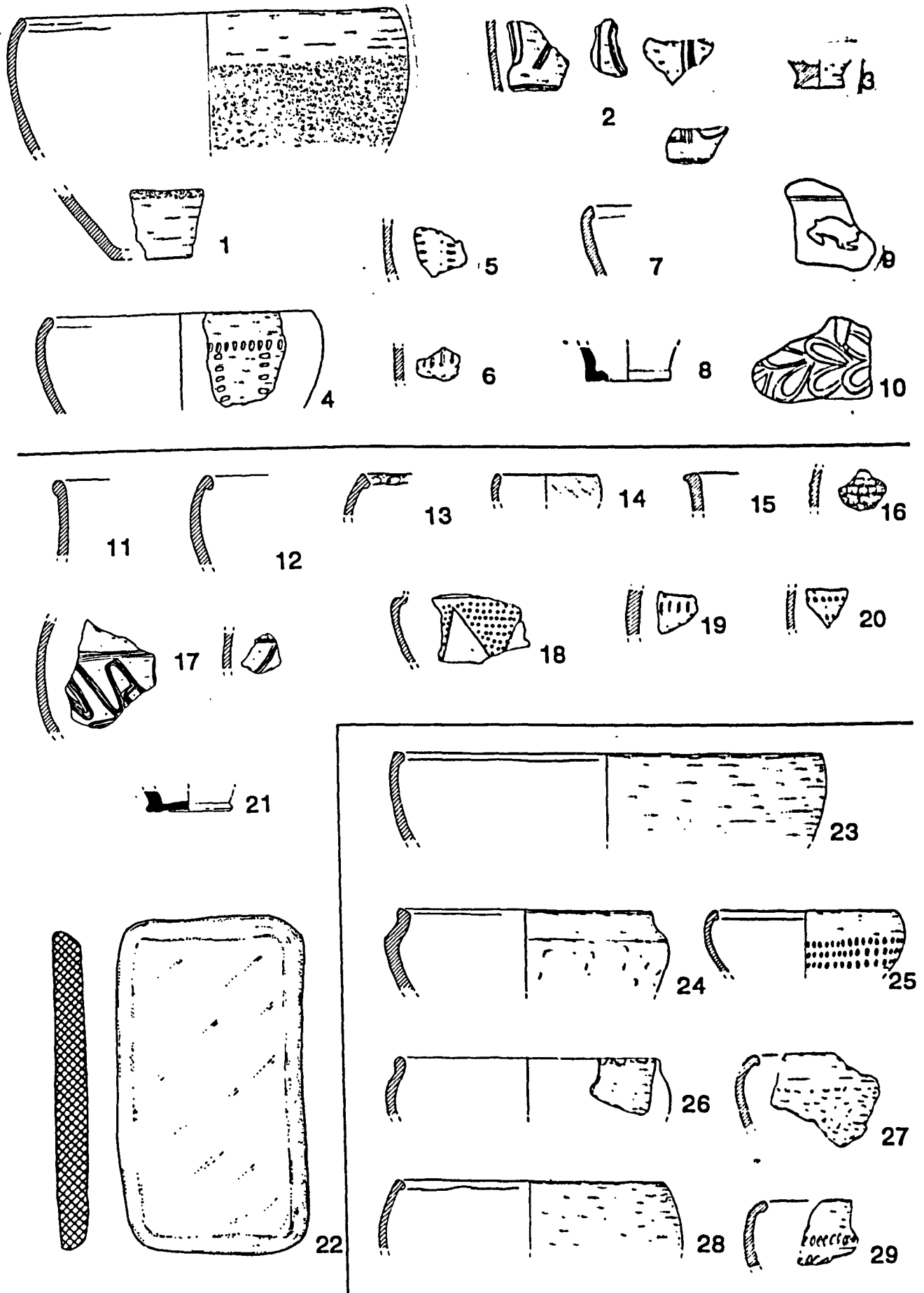


Fig. LXXXI. B6 Hangelar (1-10); B7 Beuel-Gieslar (11-22); B9 Sieglar (23-29, Contd.). Scales: 1-8, 11-21, 23-29, 1:4; 9, 10, 22, 1:2.

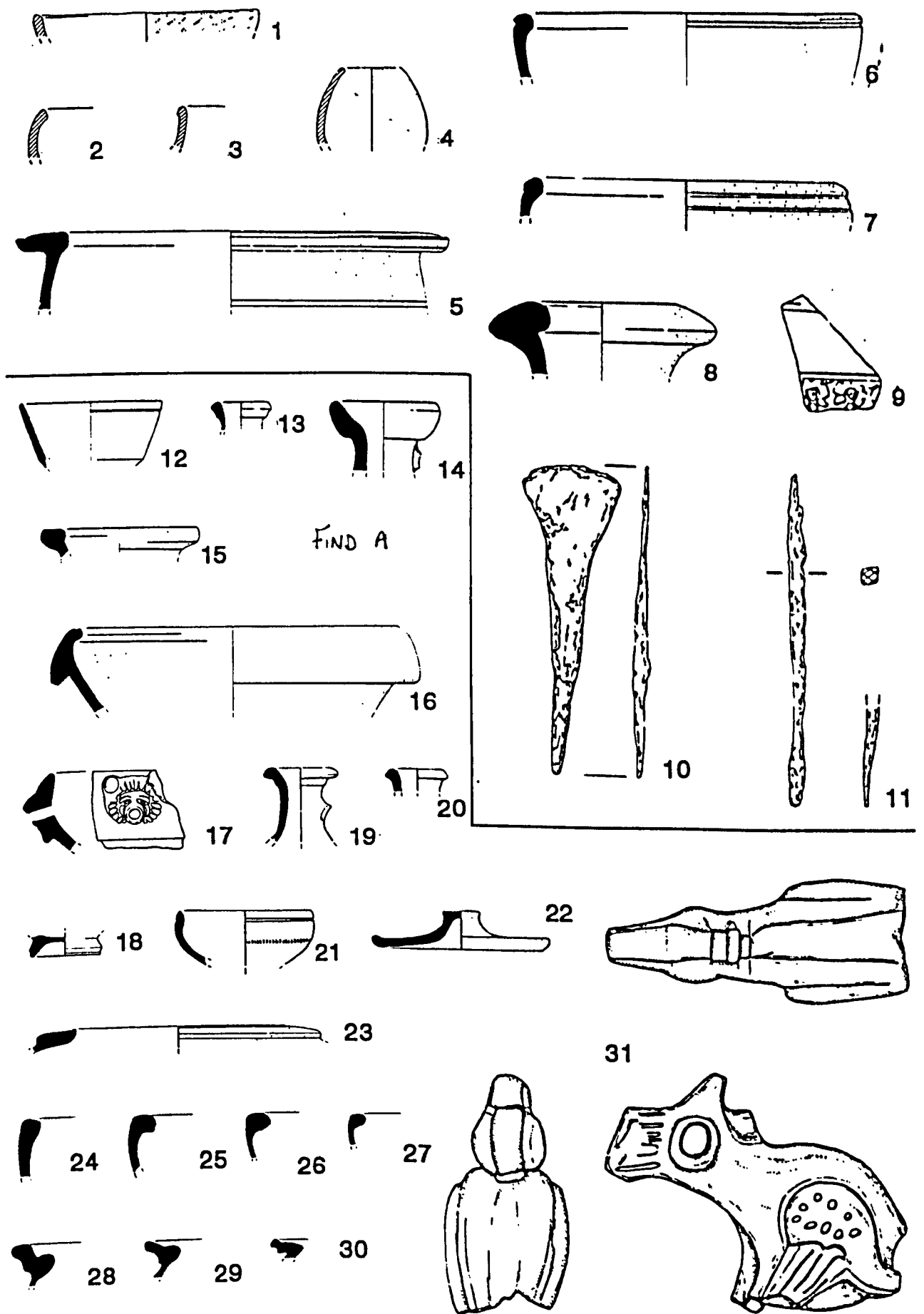


Fig. LXXXII. B9 Sieglar (Contd., 1-11); B10 Lülldorf, Find A (12-31). Scales: 1-8, 12-30, 1:4; 9-11, 31, 1:2.

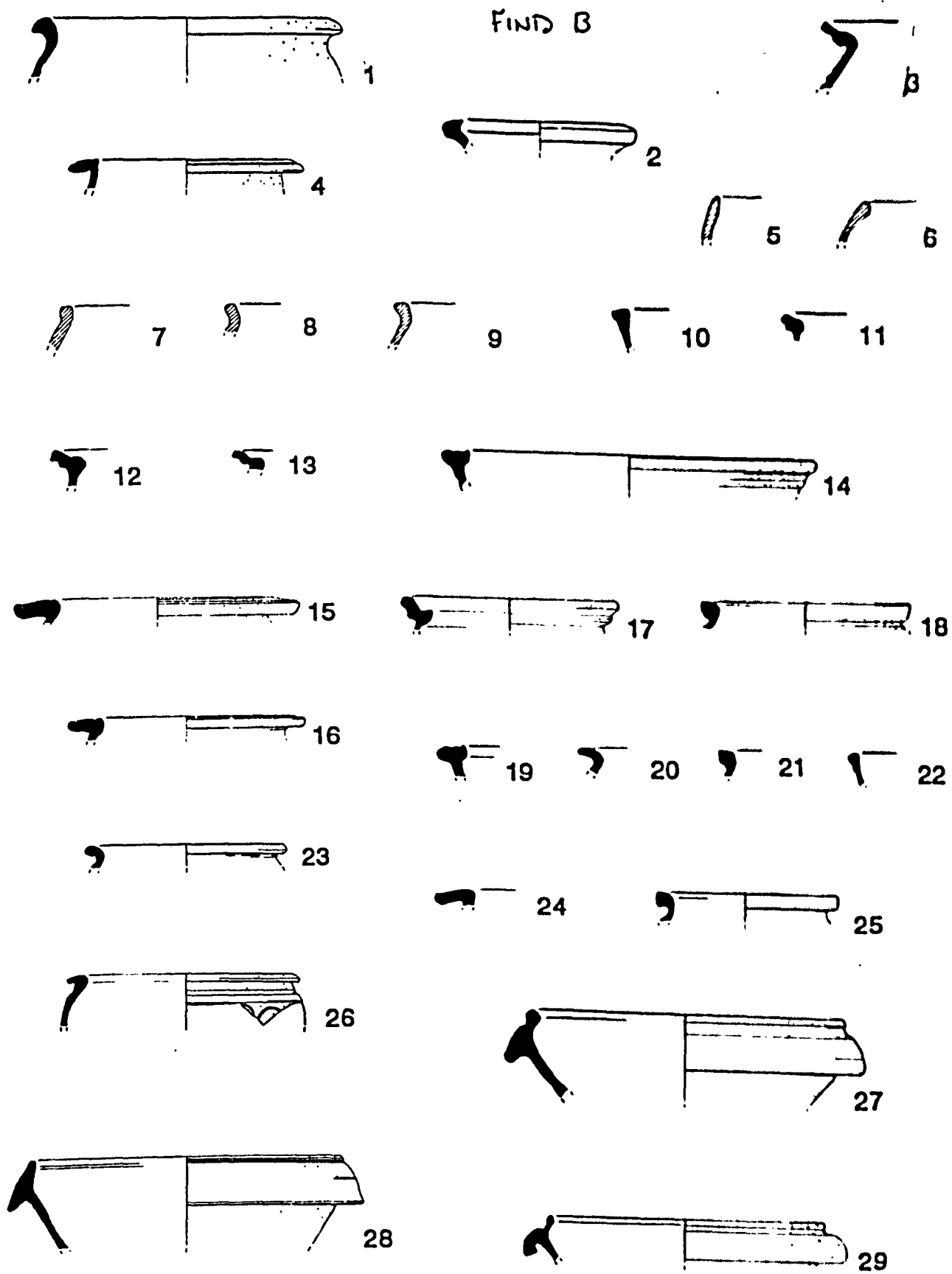


Fig. LXXXIII. B10 Lülldorf, Find B. Scales: all 1:4.

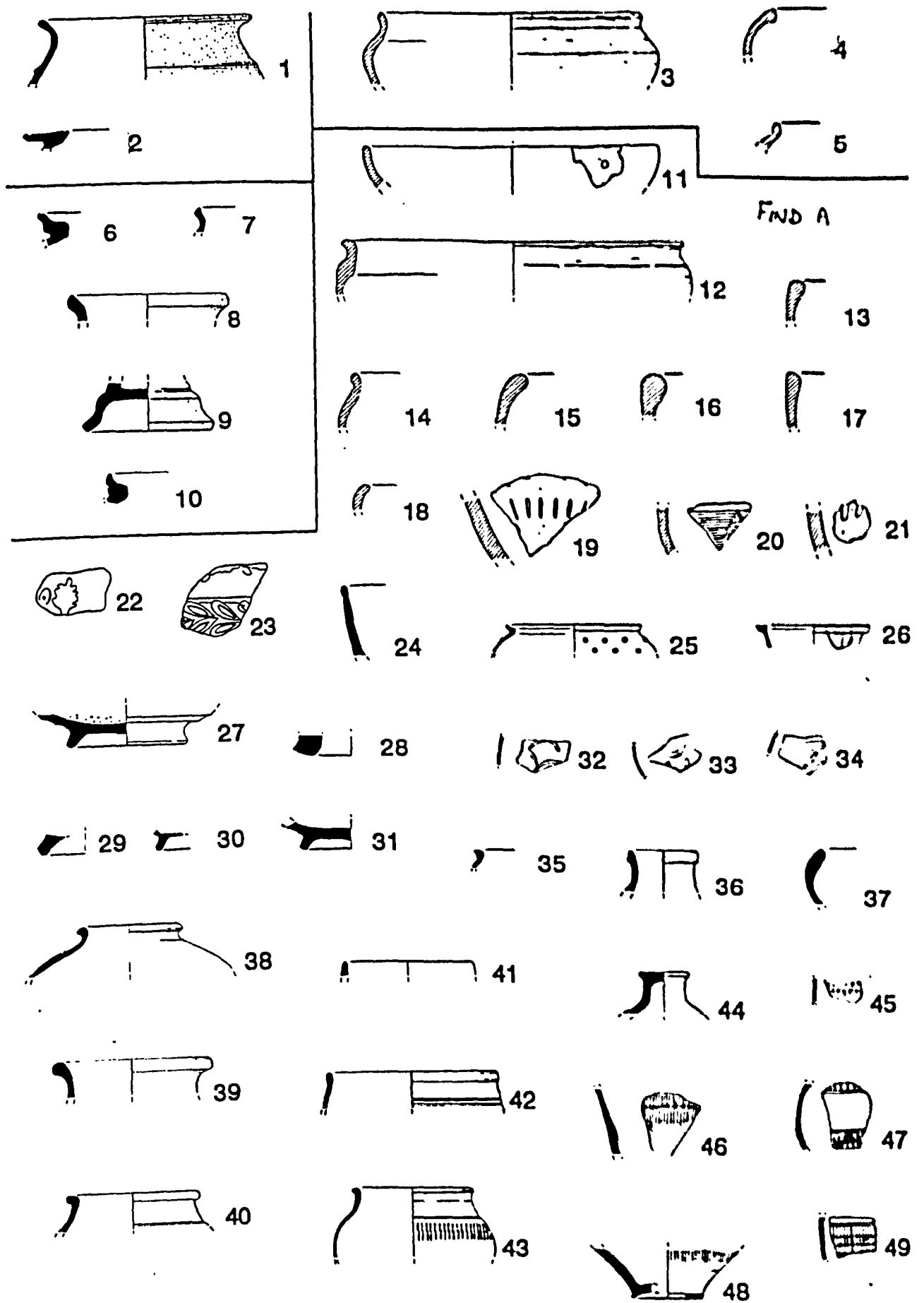


Fig. LXXXIV. B11 Rösrath-Hasbach (1-2); B12 Rösrath (3-5); B14 Porz-Westhoven (6-10); B15 Poll, Find A (11-49). Scales: 1-21, 24-49, 1:4; 22, 23, 1:2.

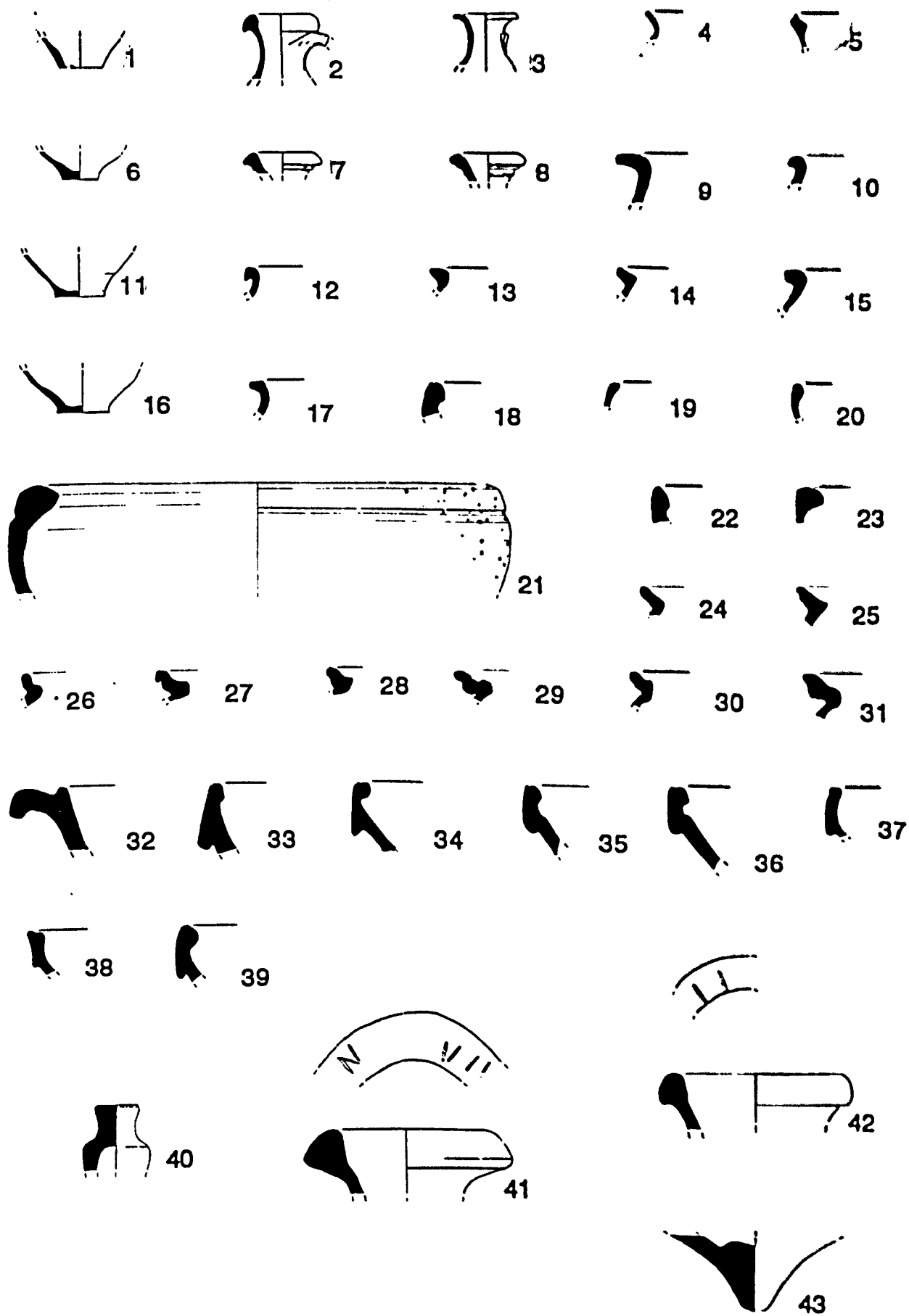


Fig. LXXXV. B15 Poll, Find A. Scale: all 1:4.

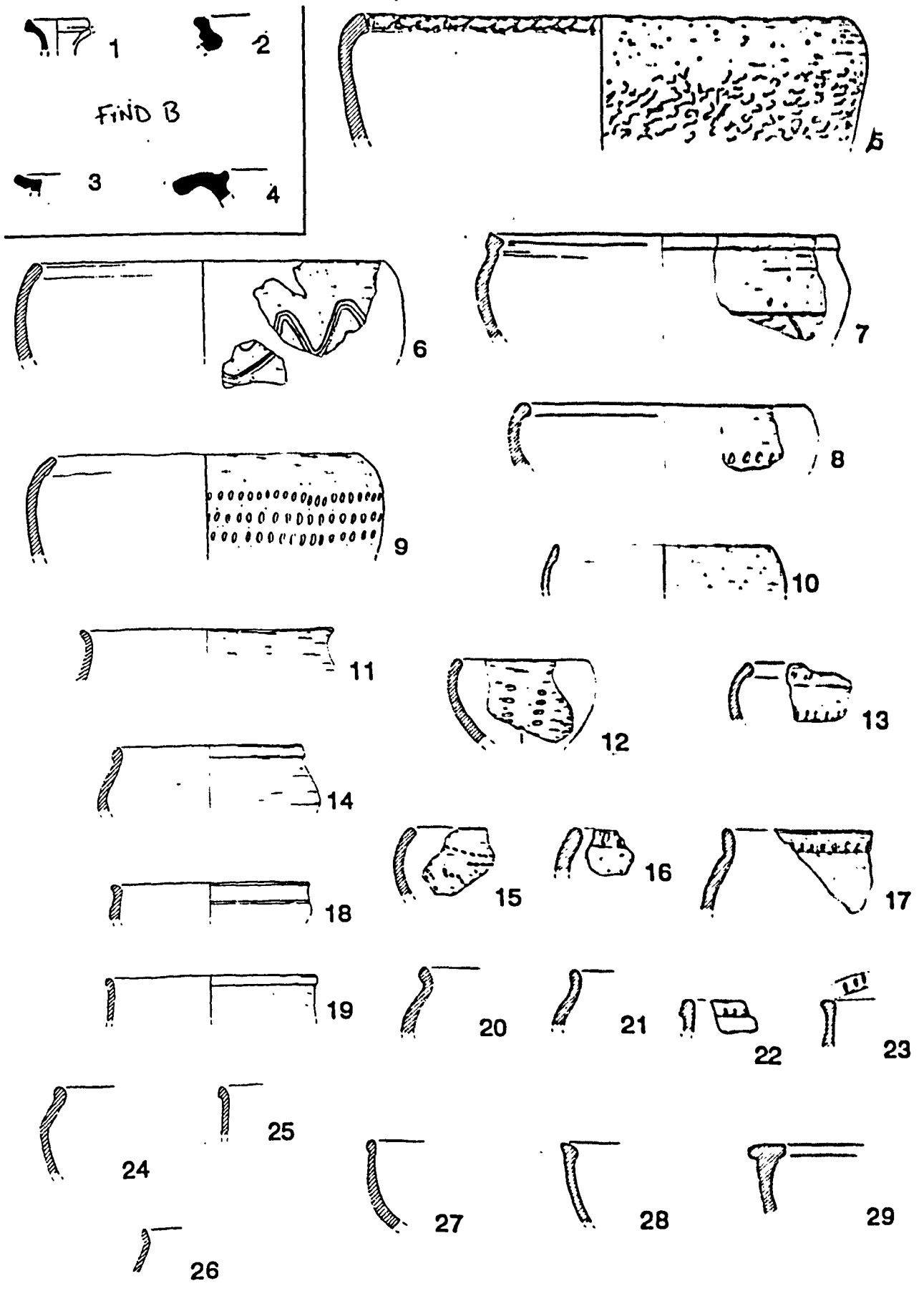


Fig. LXXXVI. B15 Poll, Find B (1-4); B18 Merheim (5-29). Scale: 1:4.

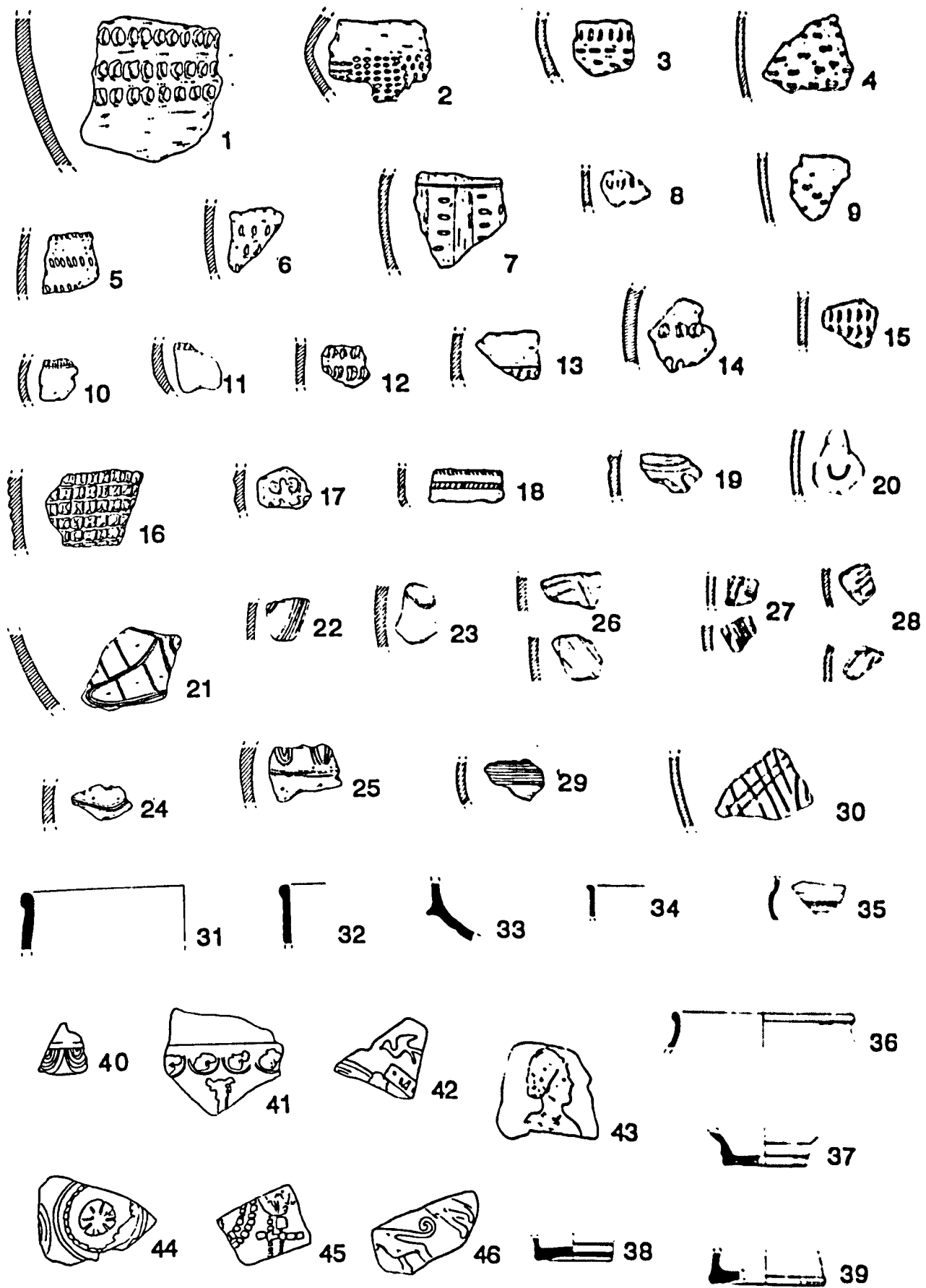


Fig. LXXXVII. B18 Merheim. Scales: 1-39, 1:4; 40-46, 1:2.

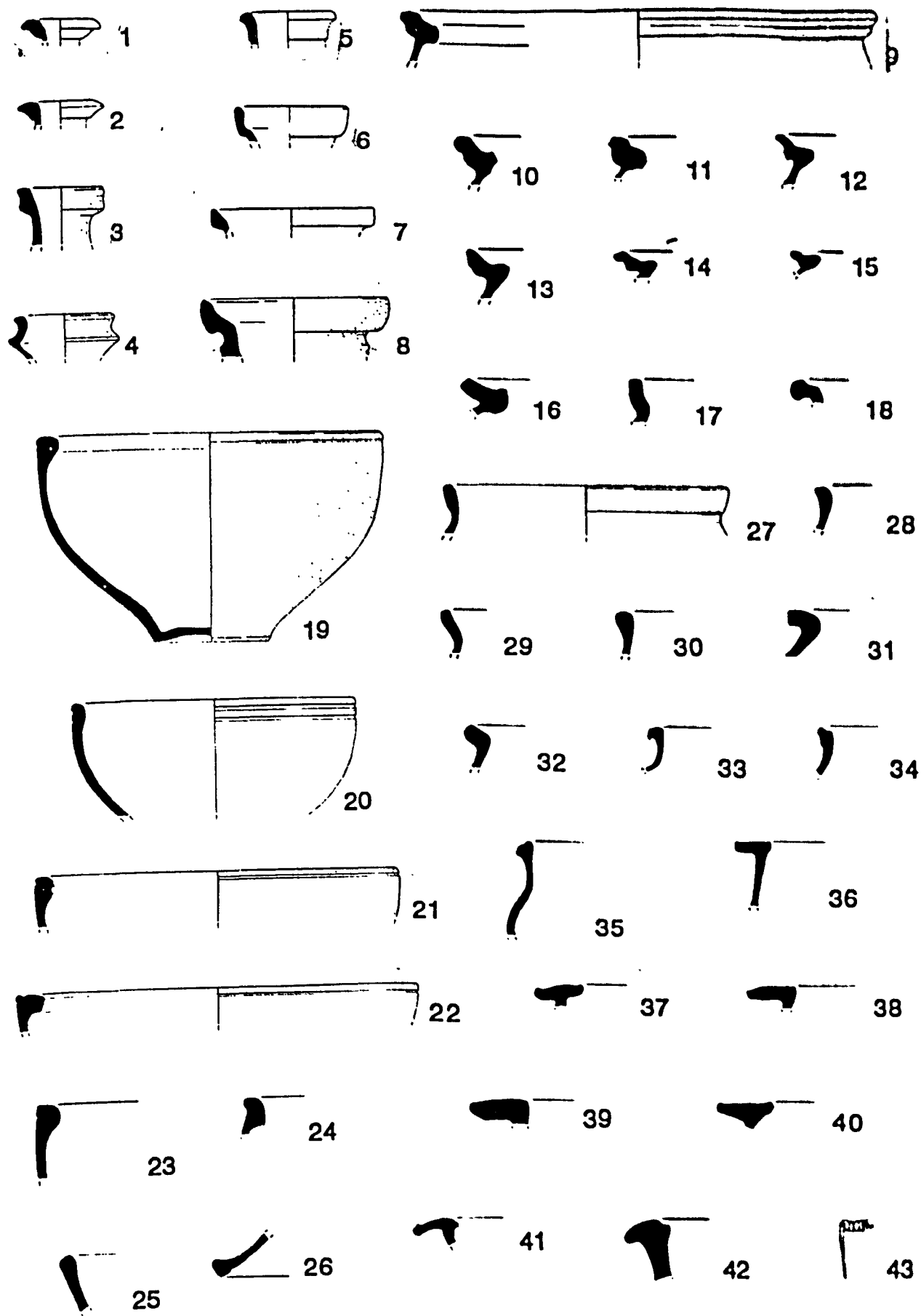


Fig. LXXXVIII. B18 Merheim. Scales: 1-42, 1:4; 43, 1:2.

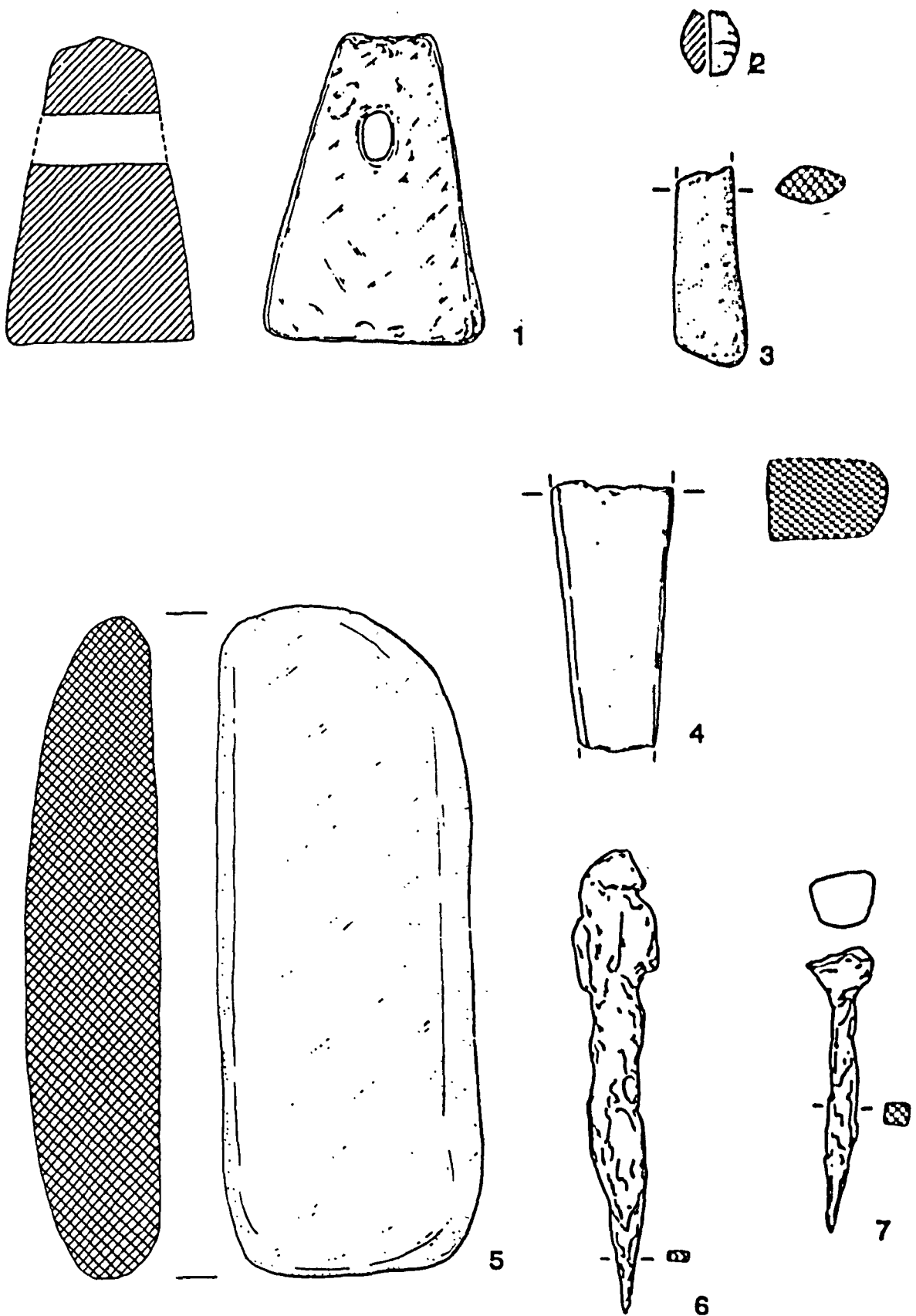


Fig. LXXXIX B18 Merheim. Scale: 1:2.

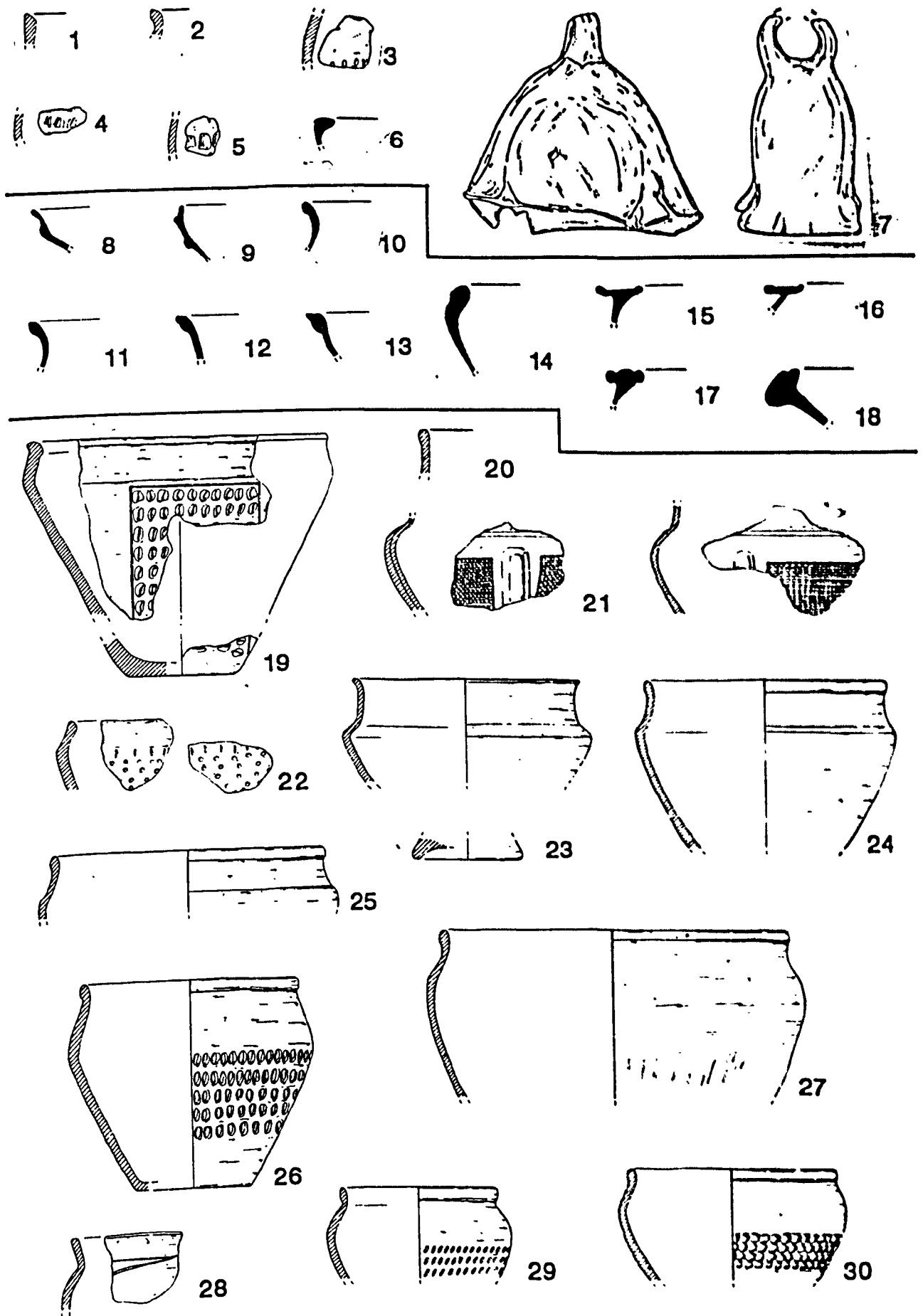


Fig. XC. B20 Bergisch Gladbach (1-7); B23 Düsseldorf-Volmerswerth (8-18); B26 Düsseldorf-Stockum (19-30). Scales: 1-6, 8-30, 1:4; 7, 1:2.

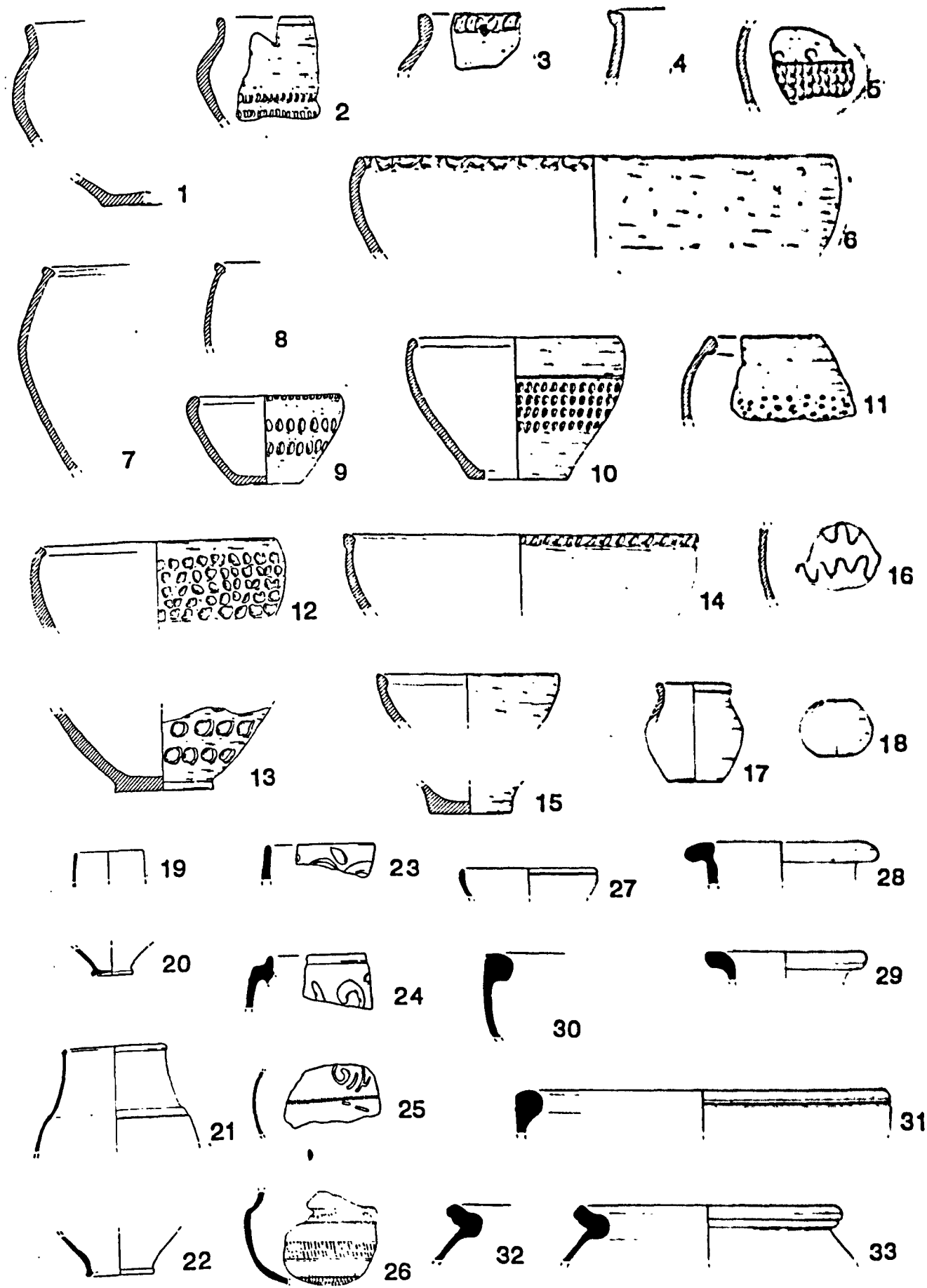


Fig. XCI. B26 Düsseldorf-Stockum. Scale: all 1:4.

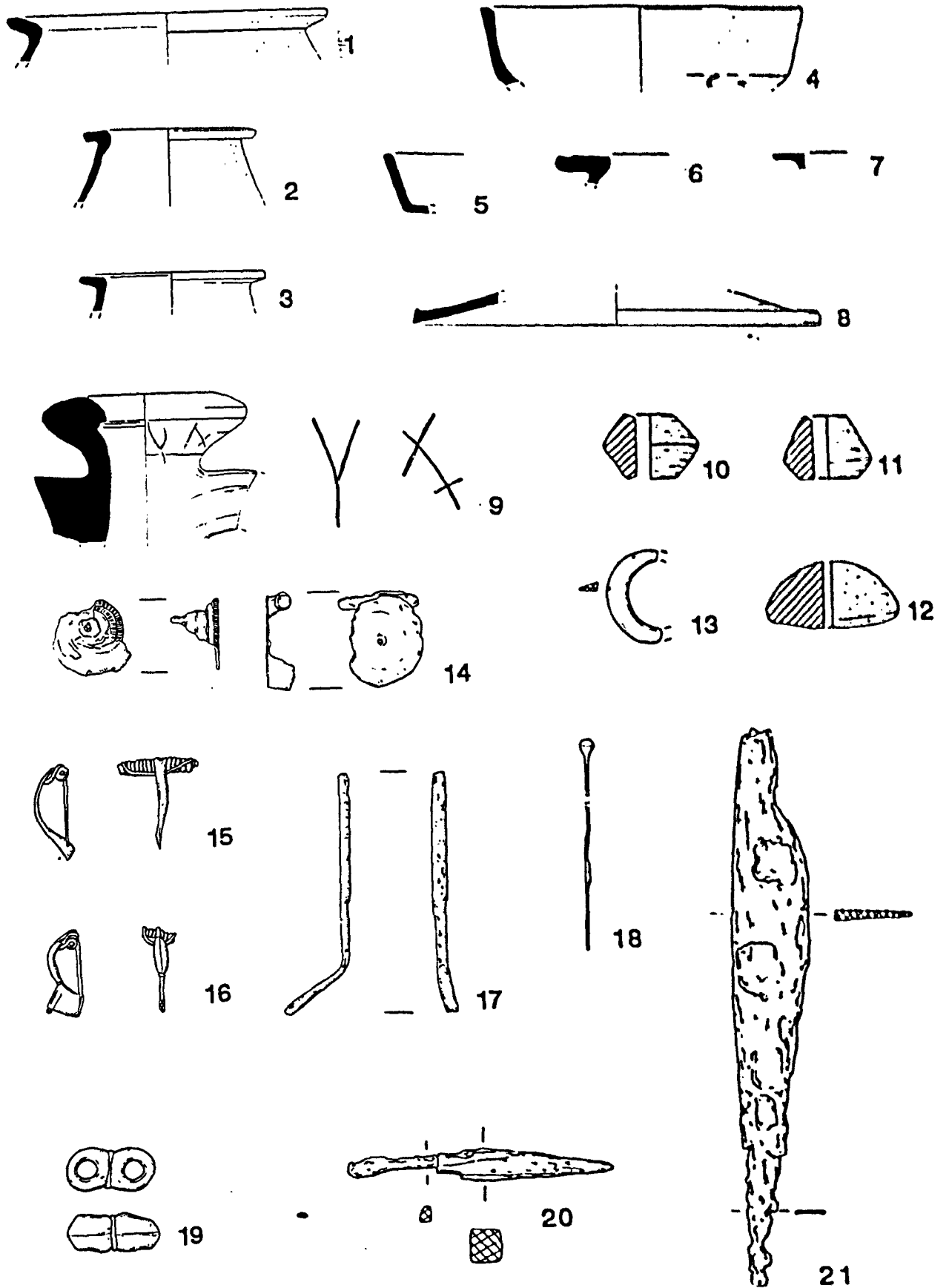


Fig. XCII. B26 Düsseldorf-Stockum. Scales: 1-8, 9a, 1:4; 9b, 10-21, 1:2.

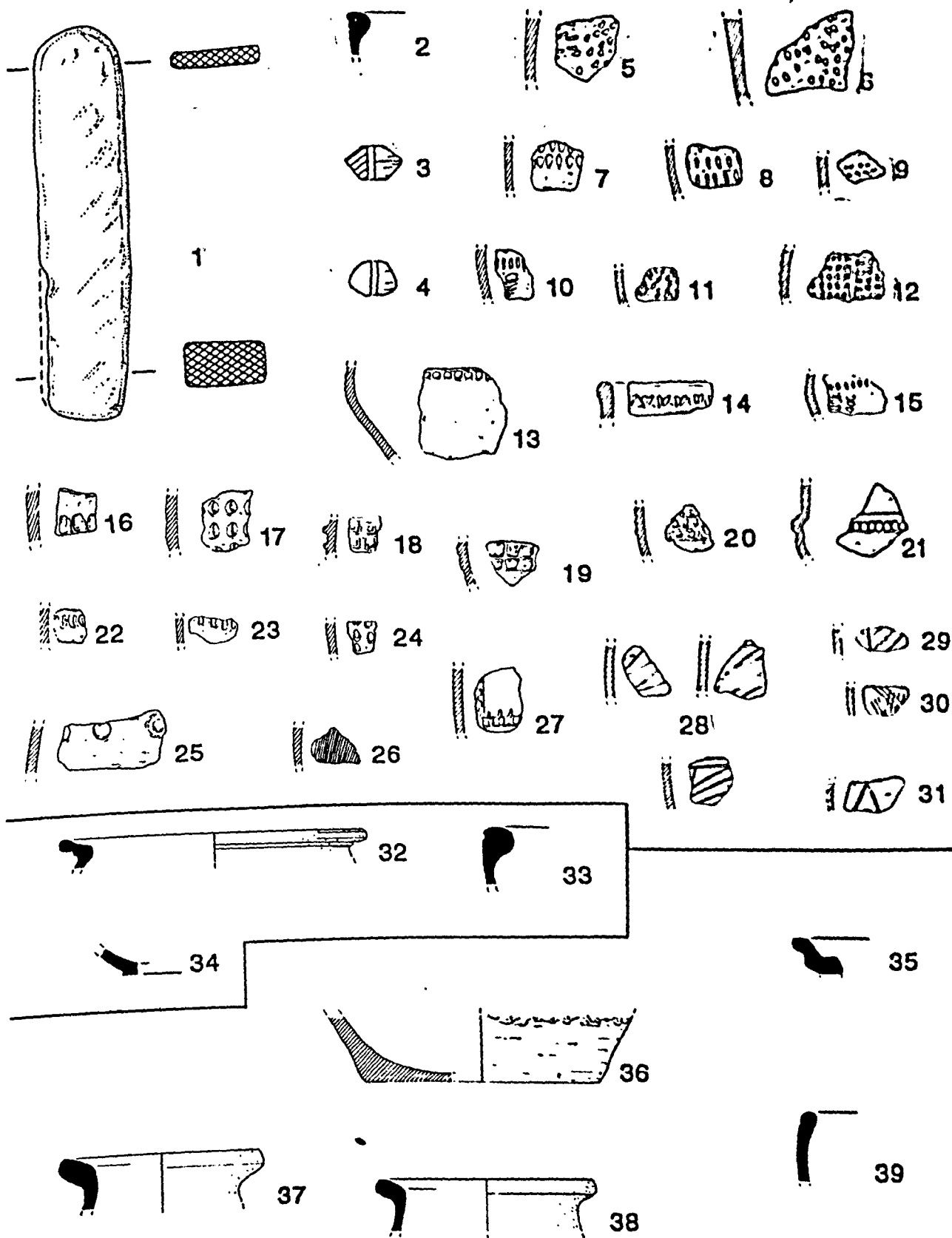


Fig. XCIII. B29 Duisburg (1-31); B30 Duisburg-Ehingen (32-34); B31 Duisburg-Huckingen (35-39). Scales: 2, 5-39, 1:4; 1, 3, 4, 1:2.

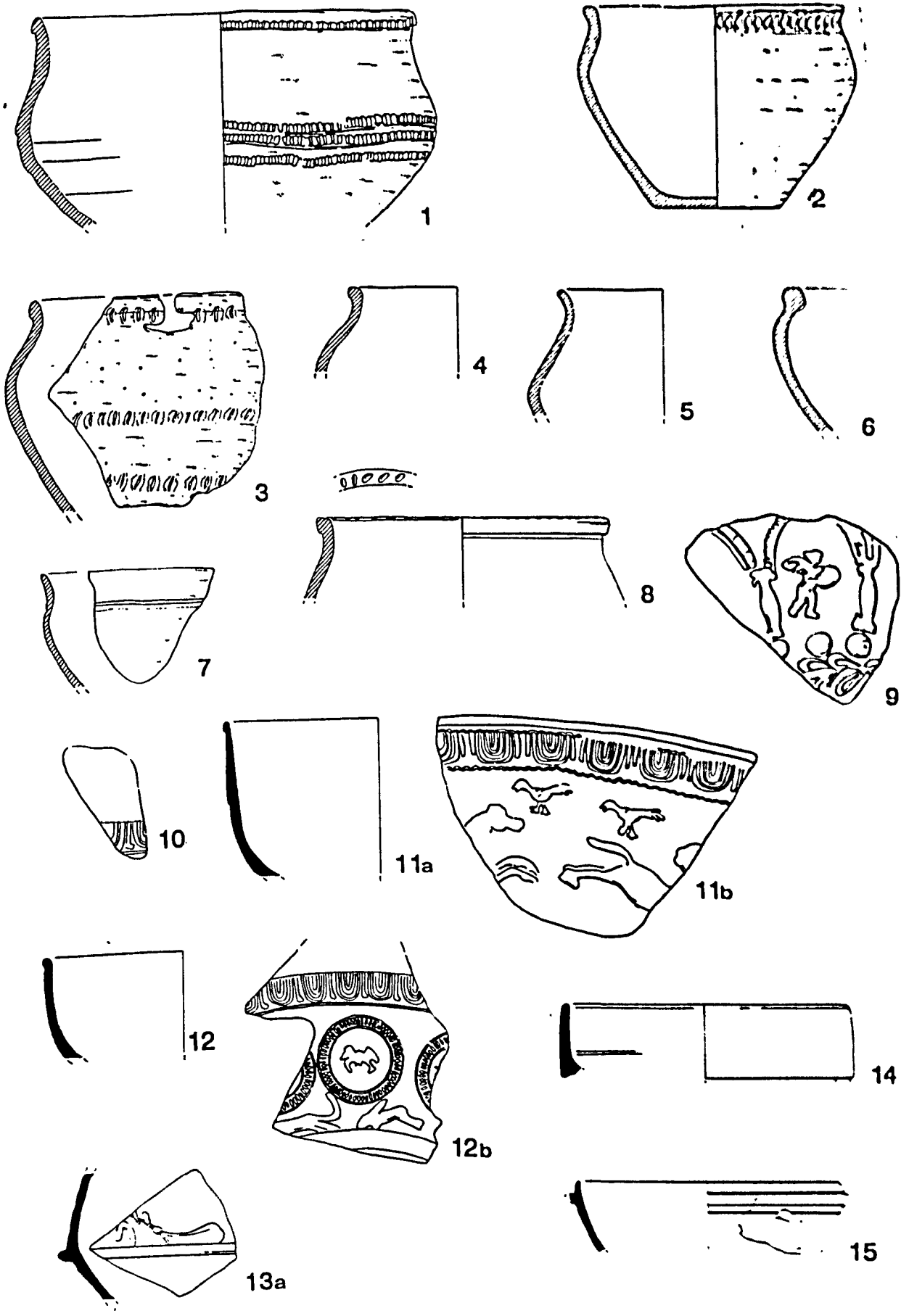


Fig. XCIV. B33 Essen-Überruhr-Hinsel. Scales: 1-8, 11a, 12a, 13, 14, 15, 1:4; 9, 10, 11b, 12b, 1:2.

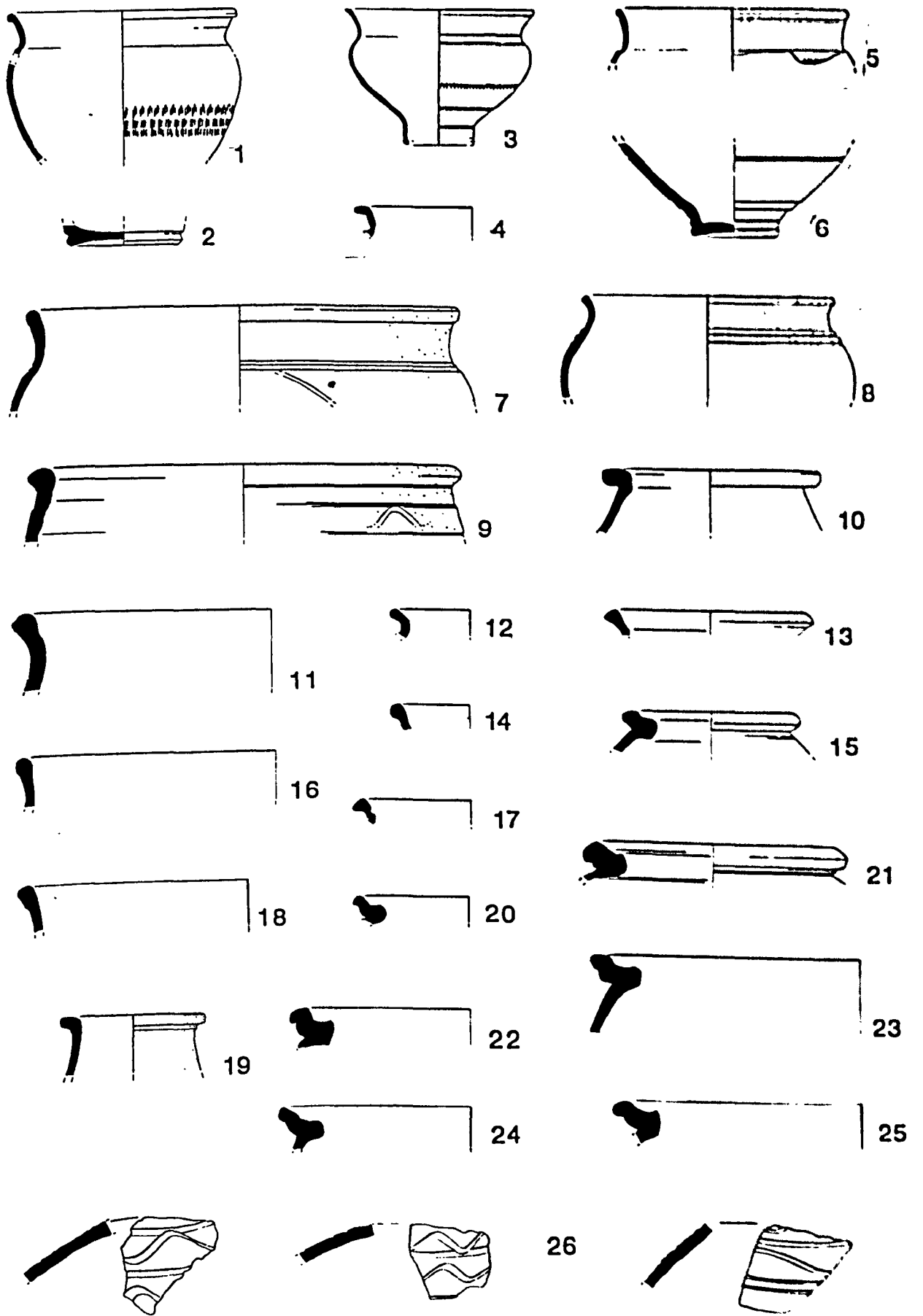


Fig. XCV. B33 Essen-Überruhr-Hinsel. Scale: all 1:4.

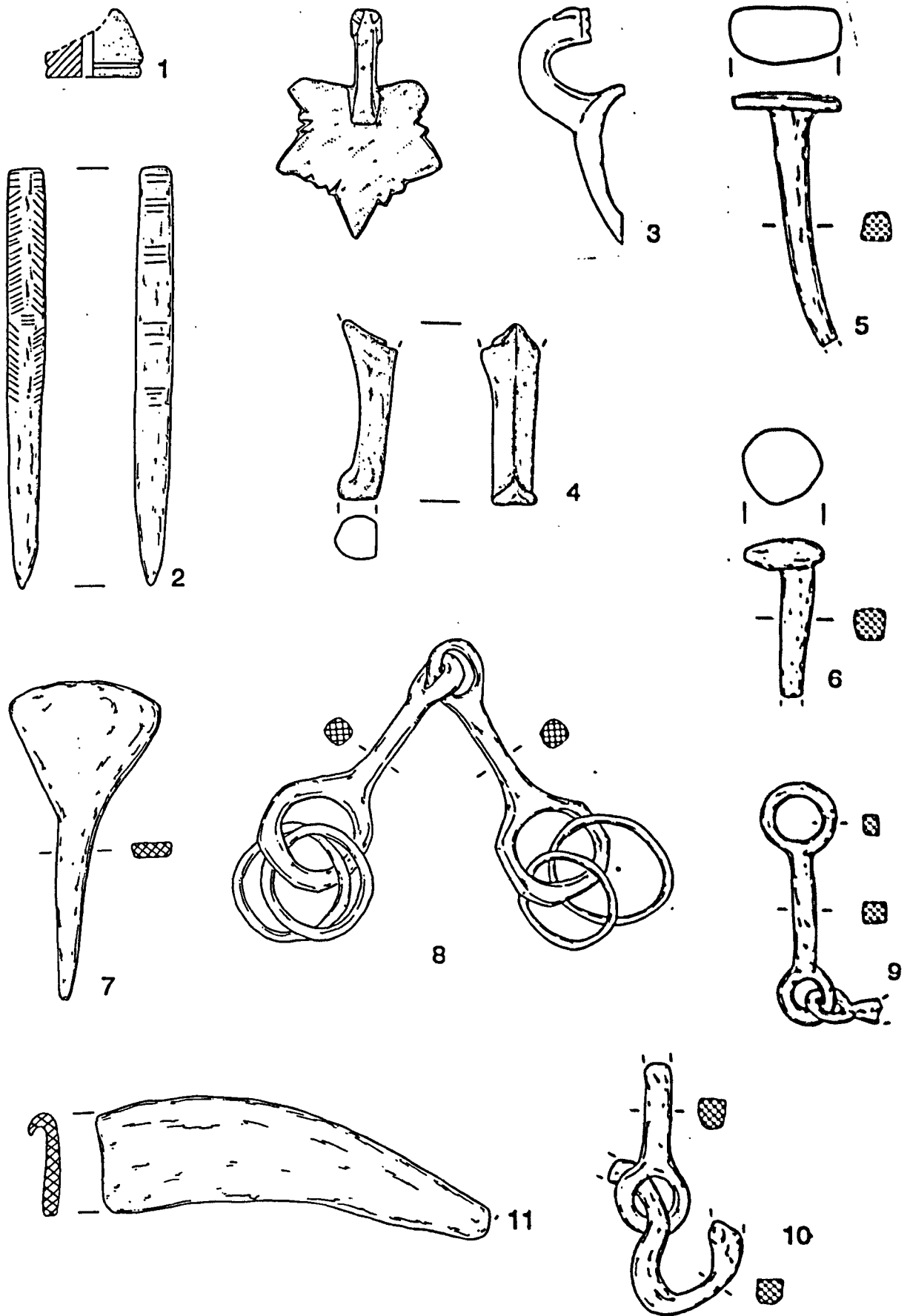


Fig. XCVI. B33 Essen-Überruhr-Hinsel. Scale: all 1:2.

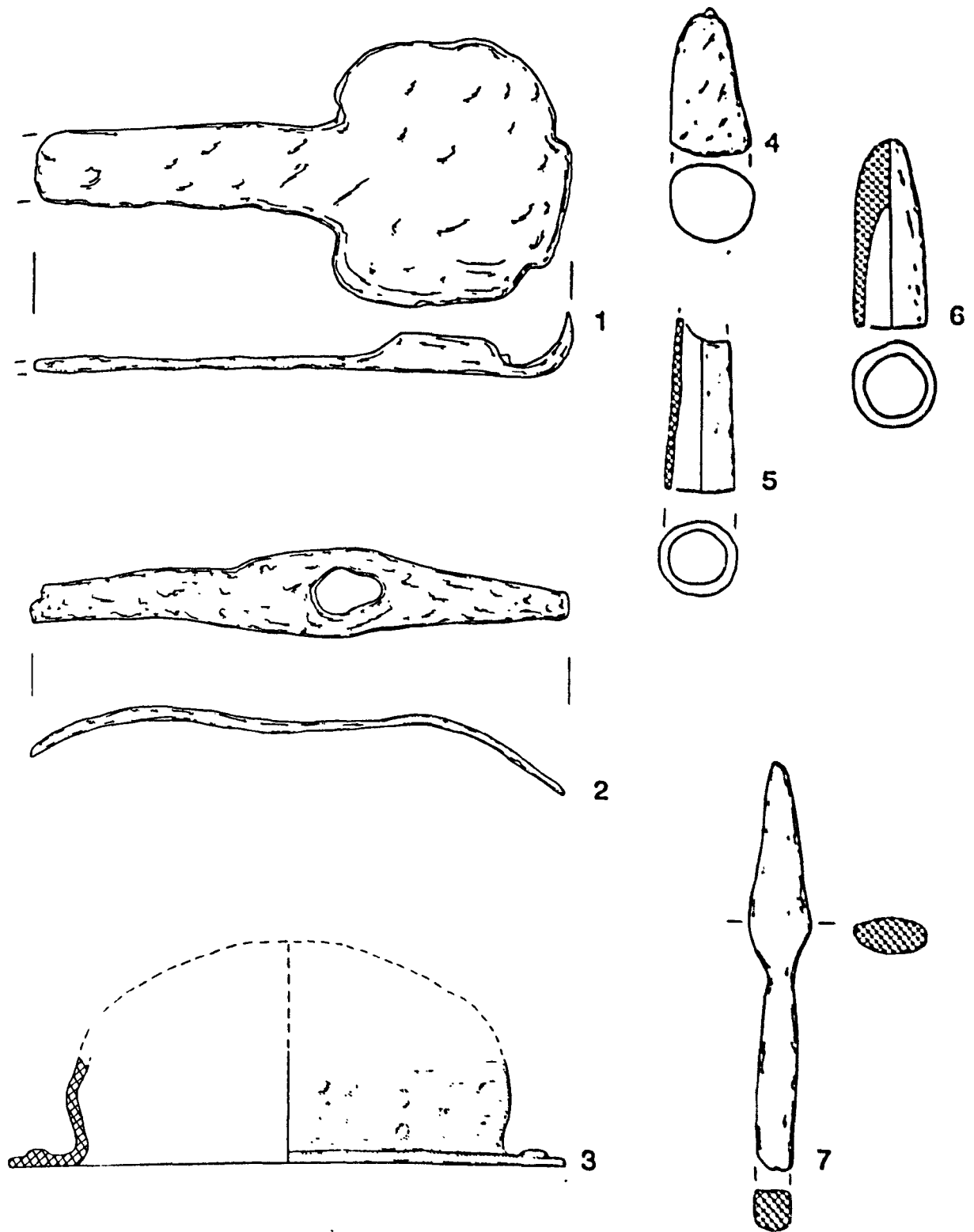


Fig. XCVII. B33 Essen-Überruhr-Hinsel. Scale: all 1:2.

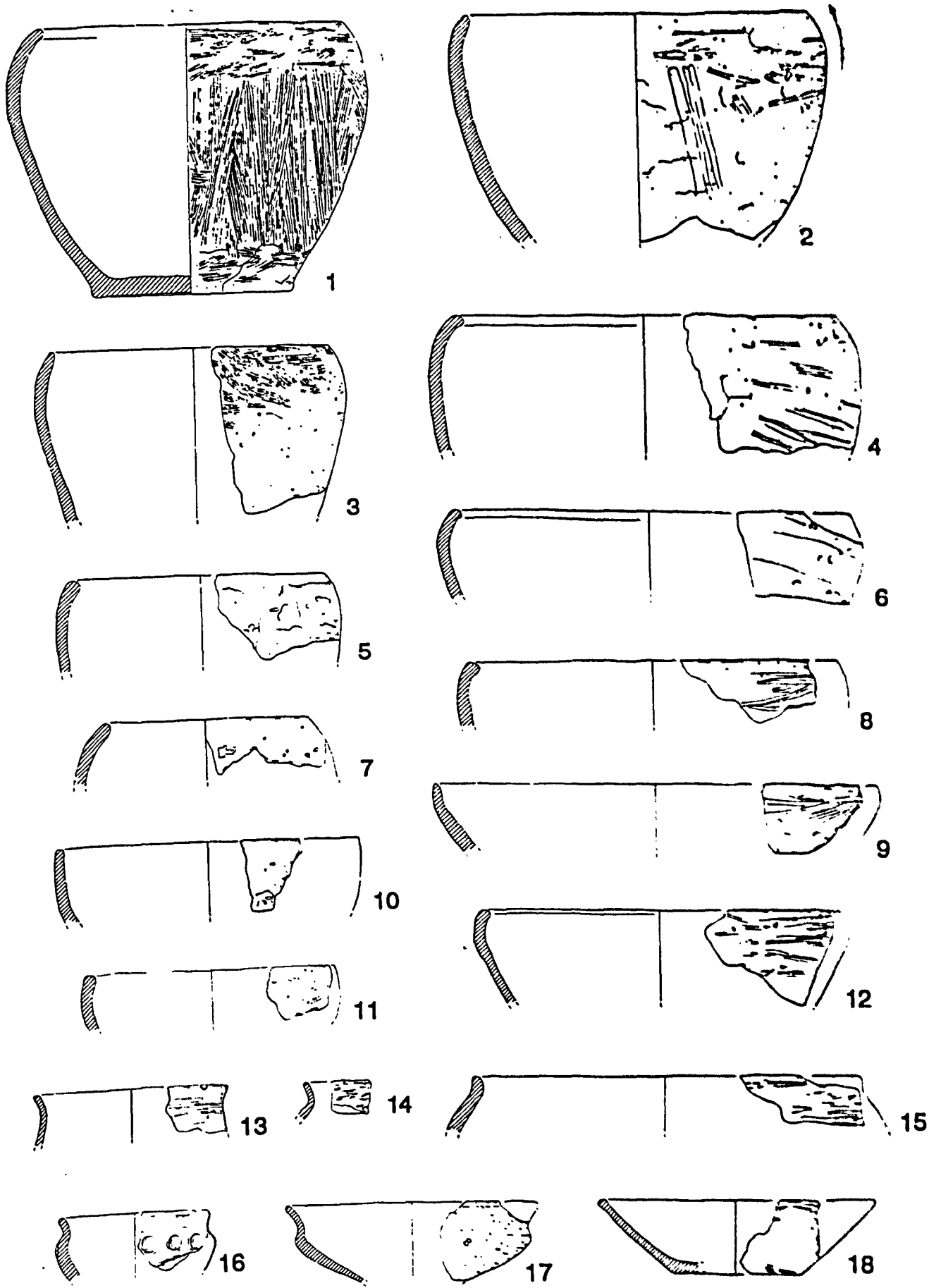


Fig. XCVIII. B34 Duisburg (Contd.). Scale: all 1:4.

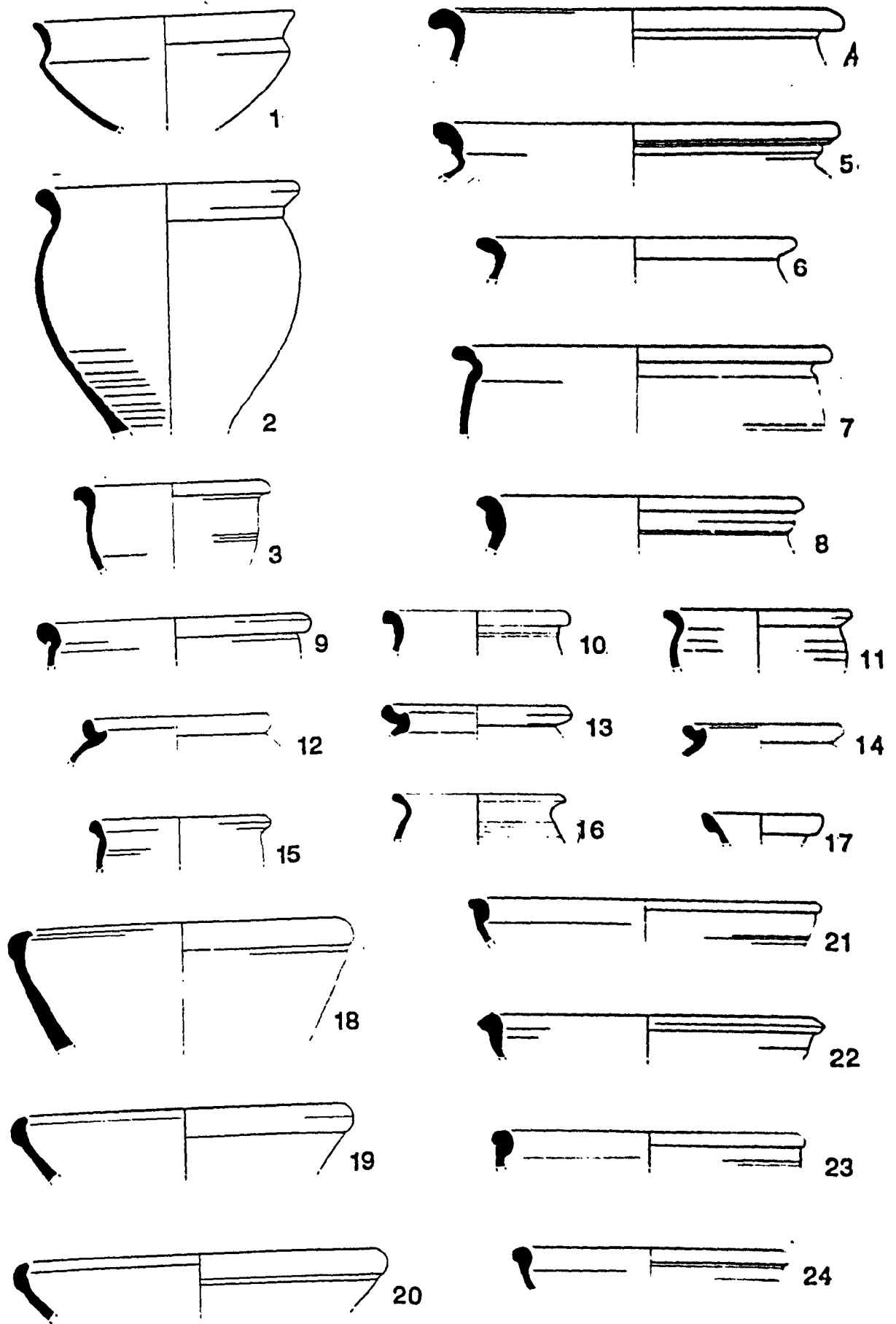


Fig. IC. B34 Duisburg (Contd.). Scale: all 1:4.

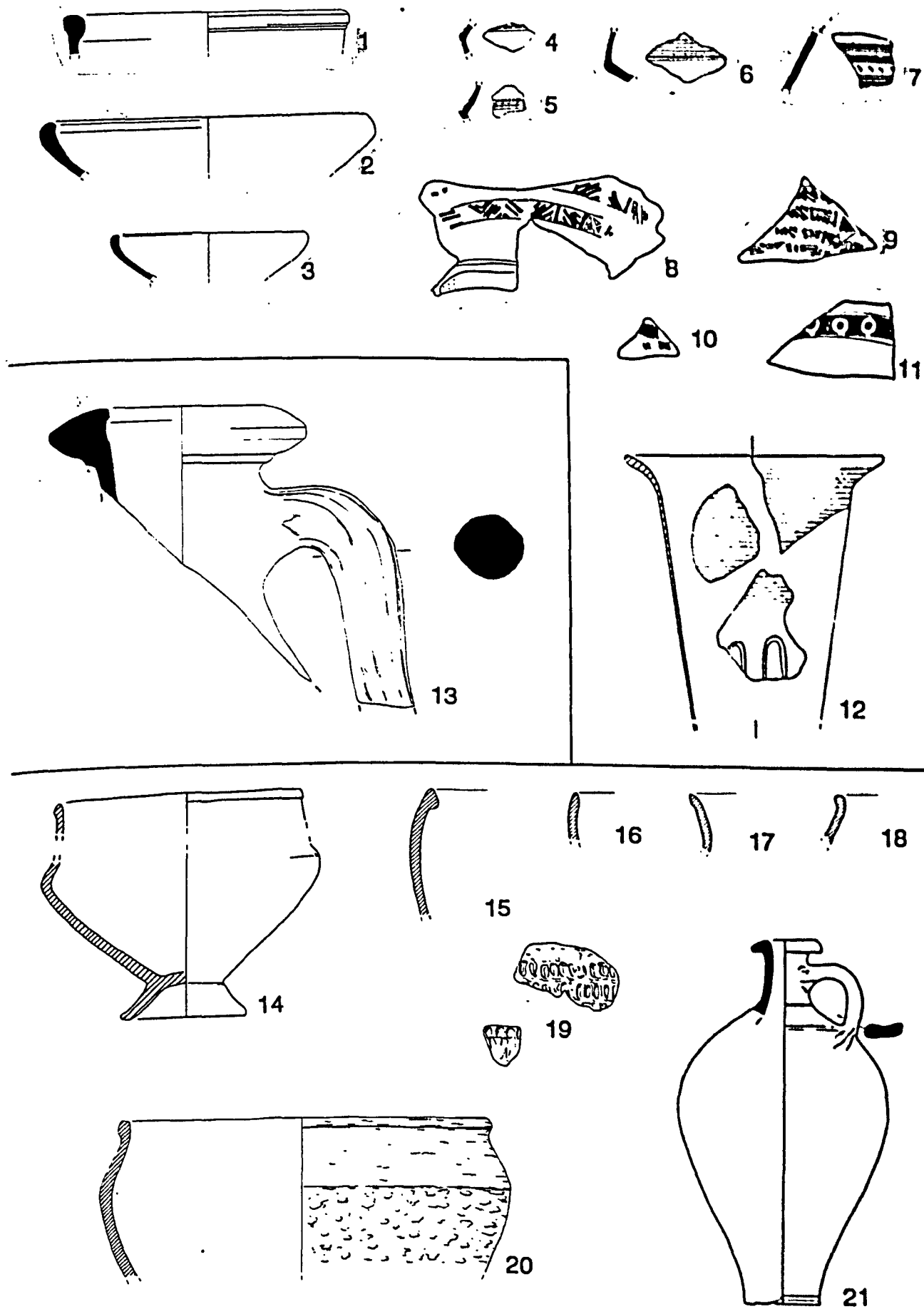


Fig. C. B34 Duisburg (Contd., 1-12); B35 Oberhausen-Osterfeld (13); B37 Walsum (14-21, Contd.). Scales: 1-7, 13-21, 1:4; 8-12, 1:2.

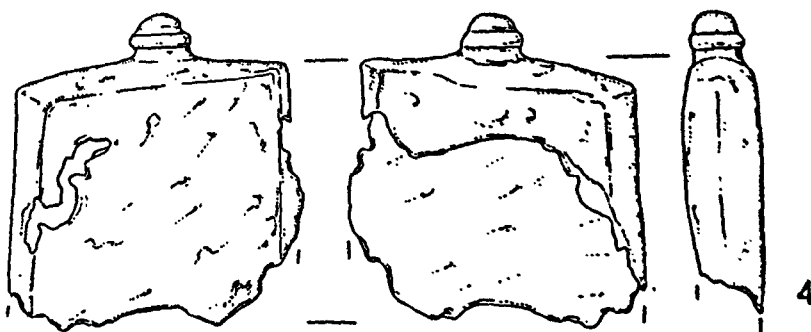
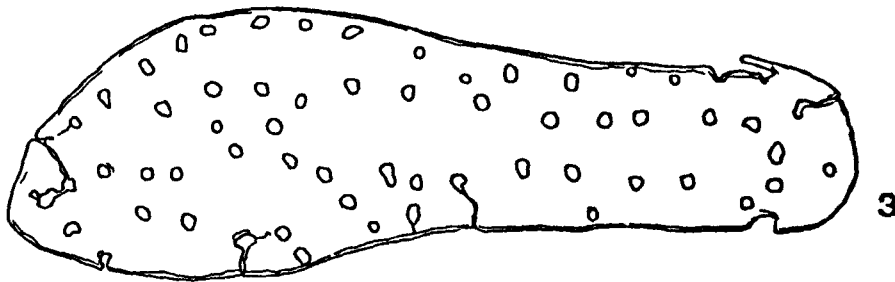
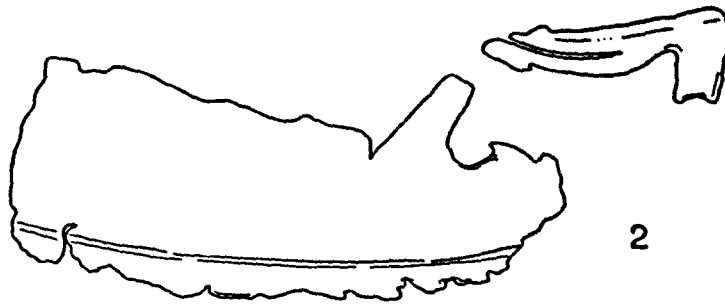
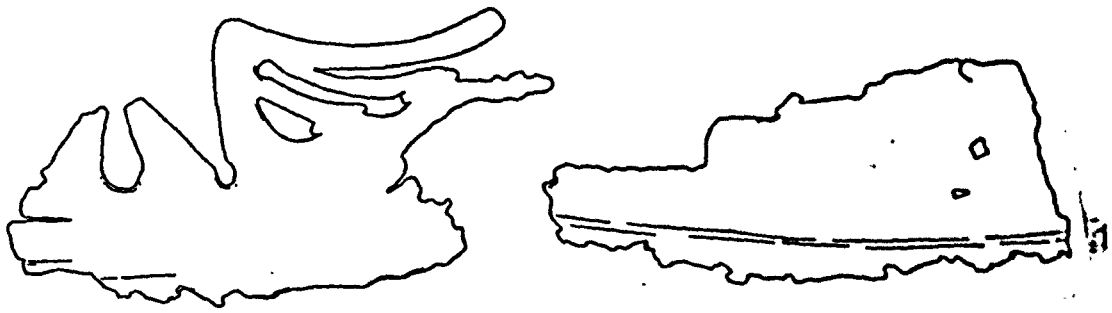


Fig. CI. B37 Walsum (Contd.). Scale: all 1:2.

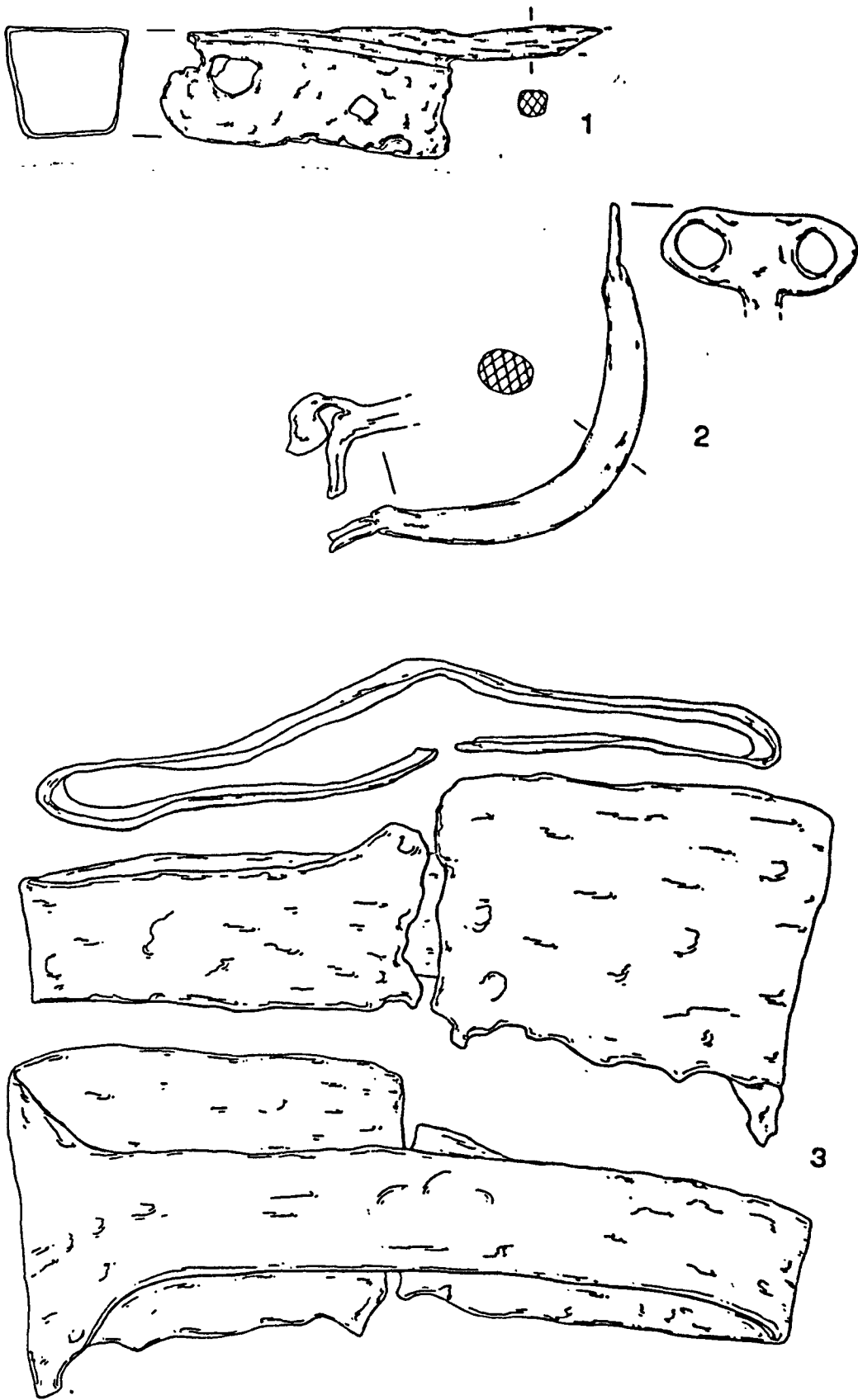


Fig. CII. B37 Walsum (Contd.). Scale: all 1:2.

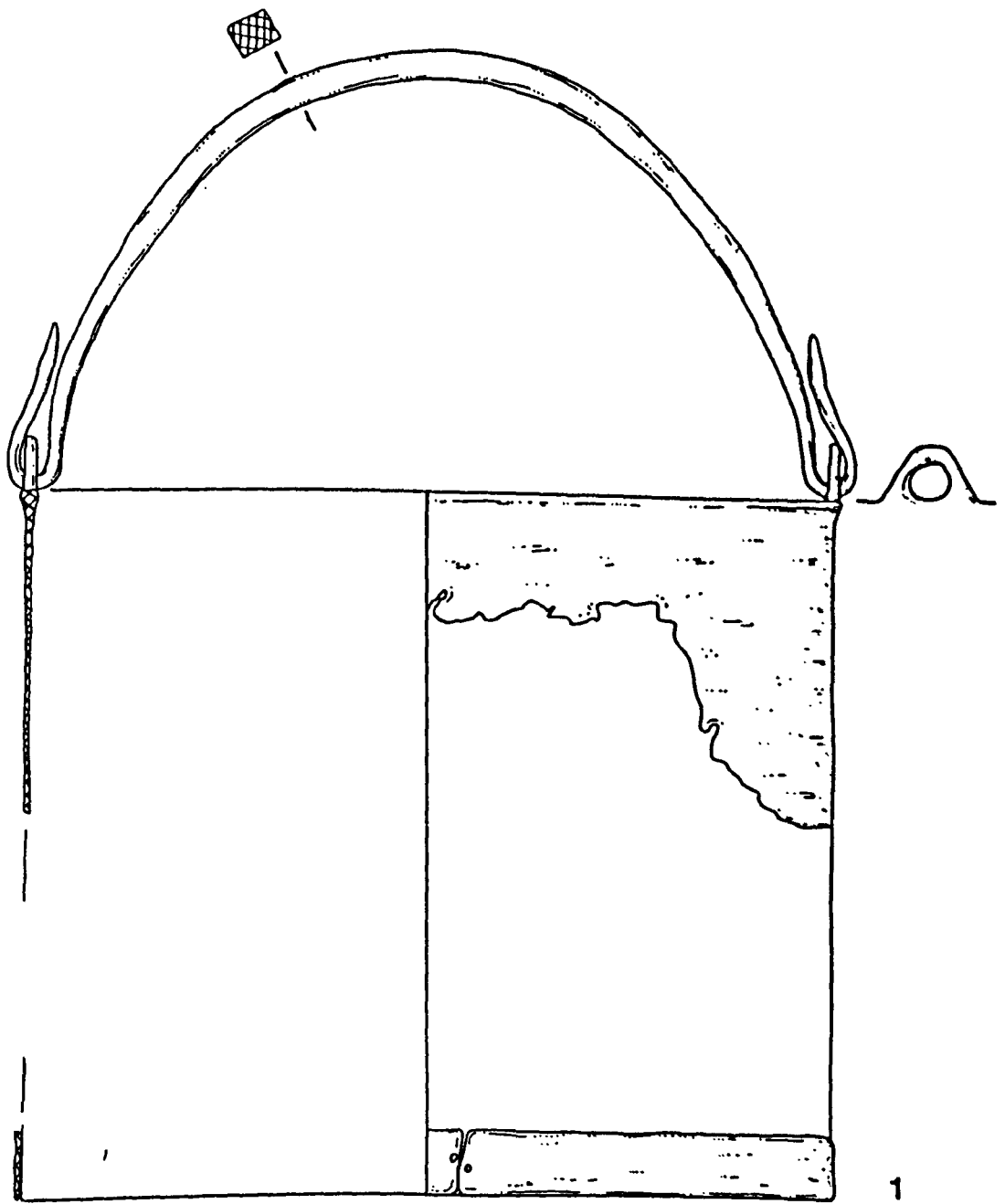


Fig. CIII. B37 Walsum (Contd.). Scale: 1:2.

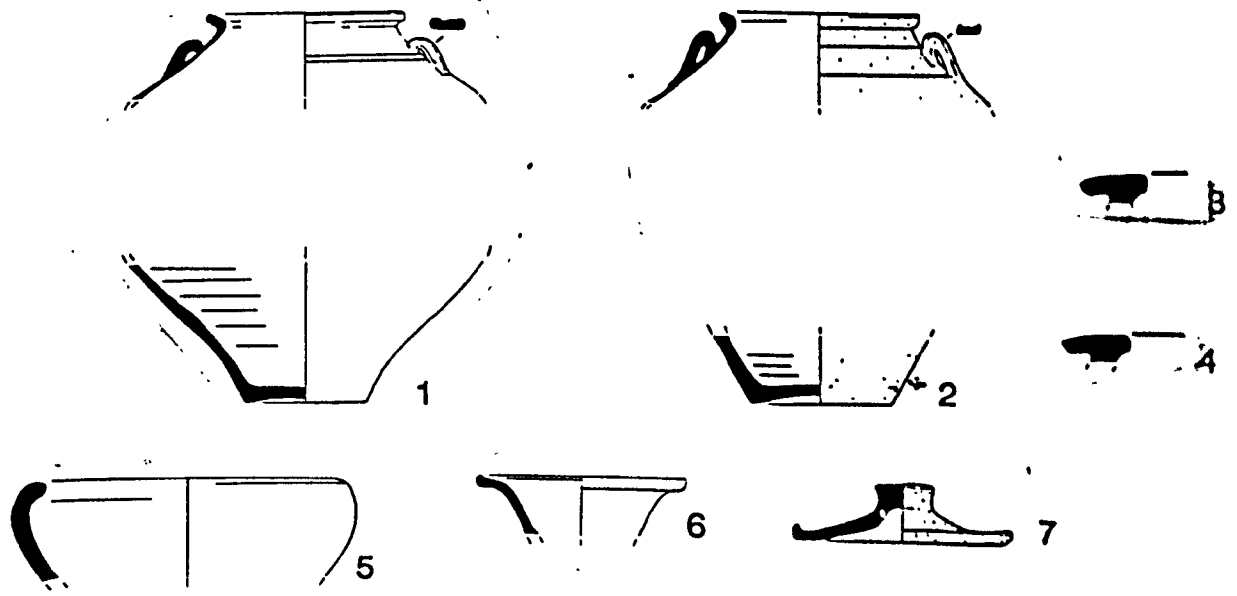


Fig. CIV. B40 Voerde. Scale: 1:4.

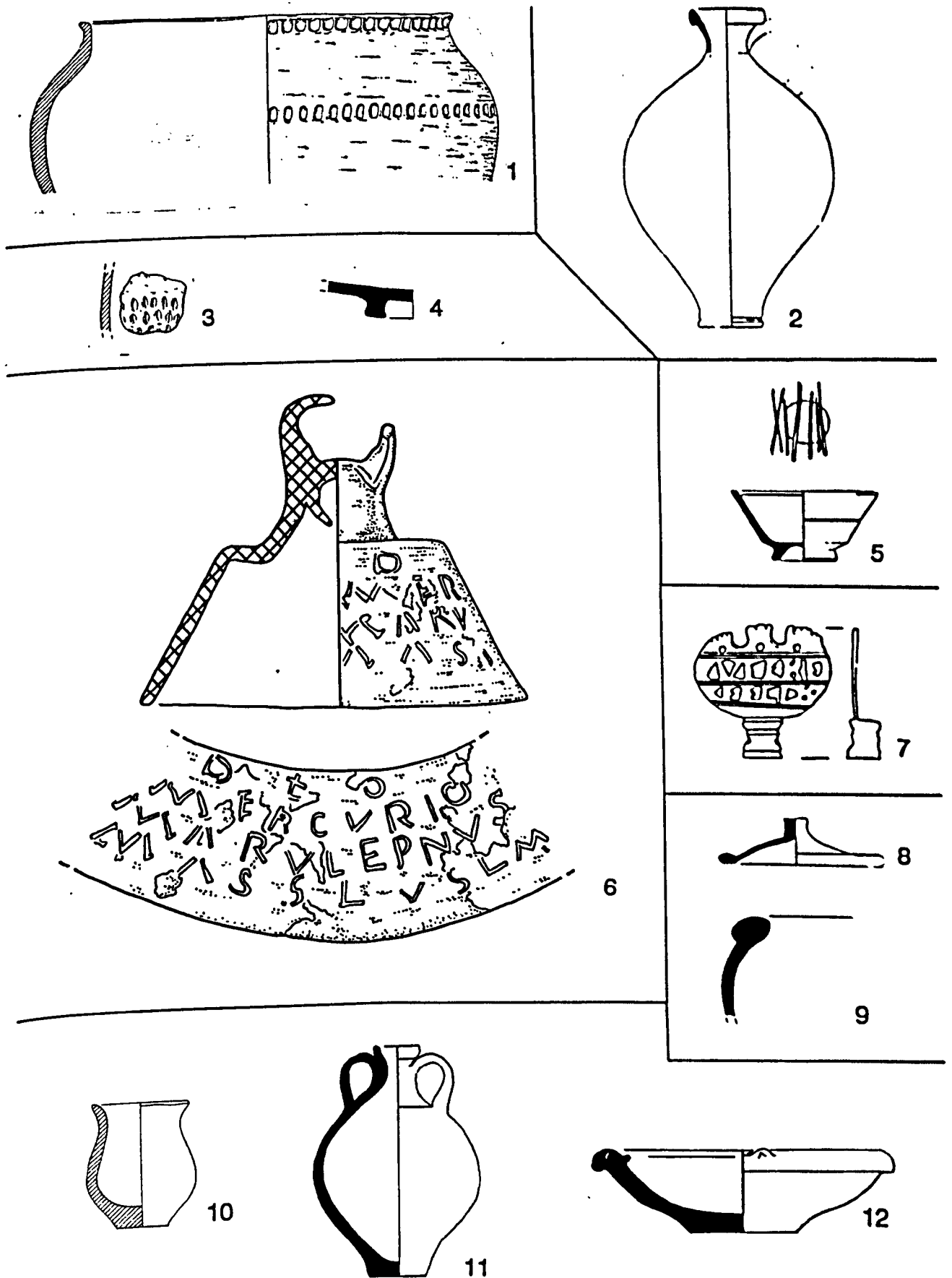


Fig. CV. C8 Sieglar-Mülleken (1); C12 Porz-Wahn (2); C22 Wermelskirchen-Dabringhausen (3-4); C14 Porz-Urbach (5); C24 Langenfeld (6); C31 Düsseldorf (7); C33 Düsseldorf (8, 9); C25 Langenfeld-Richrath (10-12). Scales: 1-4, 5a, 8-12, 1:4; 5b, 6, 7, 1:2.

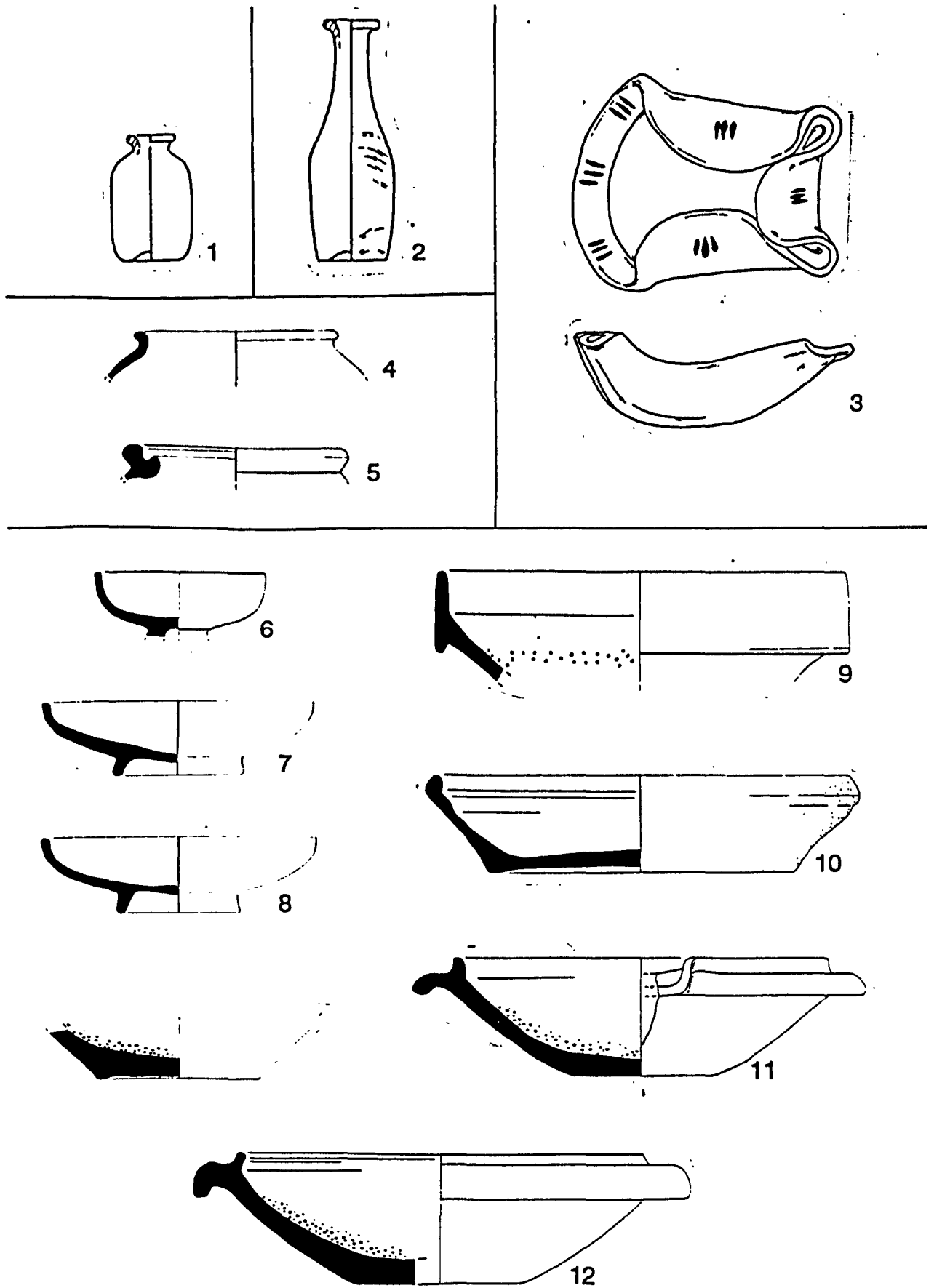


Fig. CVI. C36 Ratingen (1); C37 Ratingen (2); C38 Ratingen (3); C49 Duisburg (4,5); C56 Walsum (6-13, Contd.). Scales: 4-13, 1:4; 1-3, 1:2.

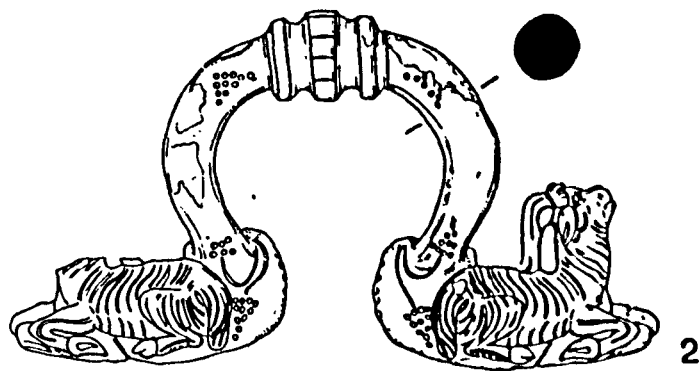
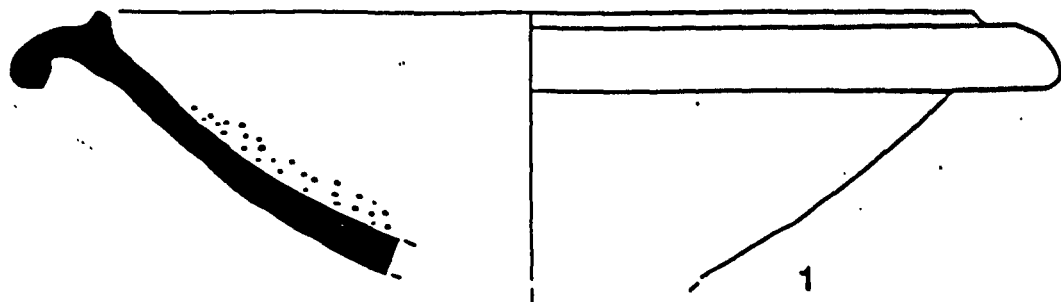


Fig. CVII. C56 Walsum (Contd., 1); C57 Hünxe-Bruckhausen (2). Scales: 1, 1:4; 2, 1:2.

