

ARMOUR
FROM THE BATTLE OF
WISBY
1361

By

BENGT THORDEMAN, PH. D.

IN COLLABORATION WITH

POUL NÖRLUND, PH. D., AND BO E. INGELMARK, M. B.

VOL. II. PLATES

KUNGL. VITTERHETS HISTORIE OCH ANTIKVITETS AKADEMIEN

S T O C K H O L M

PUBLISHED WITH THE AID OF GRANTS FROM THE
HUMANISTISKA FONDEN

UPPSALA 1940
ALMQVIST & WIKSELLS BOKTRYCKERI-A. B.
39208

CONTENTS

Introduction

TYPES	Pl. 1
ARMOUR I	Pls. 2— 9
<i>In situ</i> , photographs pls. 4—6, measured drawings pls. 7—8. <i>Reconstructions</i> , photographs pls. 2—3, measured drawing pl. 9.	
ARMOUR 2	Pls. 10— 12
<i>Reconstructions</i> , photographs pls. 10, 11, measured drawing pl. 12.	
ARMOUR 3	Pls. 13— 20
<i>In situ</i> , photographs pls. 15—17, measured drawings pls. 18, 19. <i>Reconstructions</i> , photographs pls. 13, 14, measured drawing pl. 20	
ARMOUR 4	Pls. 21— 26
<i>In situ</i> , photographs pls. 23, 24, measured drawing pl. 25. <i>Reconstructions</i> , photographs pls. 21, 22, measured drawing pl. 26.	
ARMOUR 5	Pls. 27— 29
<i>Reconstructions</i> , photographs pls. 27, 28, measured drawing pl. 29.	
ARMOUR 6	Pls. 30— 31
<i>Reconstructions</i> , photographs pl. 30, measured drawing pl. 31.	
ARMOUR 7	Pls. 32— 38
<i>In situ</i> , photographs pls. 34, 35, measured drawings pls. 36, 37. <i>Reconstructions</i> , photographs pls. 32, 33, measured drawing pl. 38.	
ARMOUR 8	Pls. 39— 44
<i>In situ</i> , photographs pl. 41, measured drawings pls. 42, 43. <i>Reconstructions</i> , photographs pls. 39, 40, measured drawing pl. 44.	
ARMOUR 9	Pls. 45— 47
<i>Reconstructions</i> , photographs pls. 45, 46, measured drawing pl. 47.	
ARMOUR 10	Pls. 48— 52
<i>In situ</i> , group Lå 6, photograph pl. 50, measured drawing pl. 51: 1; group Oz 23—26 etc., measured drawing pl. 51: 2. <i>Reconstructions</i> , photographs pls. 48, 49, measured drawing pl. 52.	
ARMOUR 11	Pls. 53— 57
<i>In situ</i> , group Nö 8, photograph pl. 55: 1, measured drawing pl. 56: 1; group Mö ¹ 4, photograph pl. 55: 2, measured drawing pl. 56: 2. <i>Reconstructions</i> , photographs pls. 53, 54, measured drawing pl. 57.	
ARMOUR 12	Pls. 58— 60
<i>Reconstructions</i> , photographs pls. 58, 59, measured drawing pl. 60.	

ARMOUR 13	Pls. 61— 62
<i>Reconstructions</i> , photographs pl. 61, measured drawing pl. 62.	
ARMOUR 14	Pls. 63—65 (68: 1)
<i>In situ</i> , photograph pl. 68: 1, measured drawing pl. 64 (70). <i>Reconstructions</i> , photographs pl. 63, measured drawing pl. 65.	
ARMOUR 15	Pls. 66— 72
<i>In situ</i> , photograph pls. 68, 69, measured drawings pls. 70, 71. <i>Reconstructions</i> , photographs pls. 66, 67, measured drawing pl. 72.	
ARMOUR 16	Pls. 73— 77
<i>In situ</i> , group VIII: 20, photograph pl. 75: 1, measured drawing pl. 76: 1; group VIII: 25, photograph pl. 75: 2, measured drawings pl. 76: 2, 3. <i>Reconstructions</i> , photographs pls. 73, 74, measured drawing pl. 77.	
ARMOUR 17	Pls. 78— 82
<i>In situ</i> , measured drawing pl. 81, photographs, group VII: 2 pl. 80: 1, group VII: 3 pl. 80: 2. <i>Reconstructions</i> , photographs pls. 78, 79, measured drawing pl. 82.	
ARMOUR 18	Pls. 83— 84
<i>In situ</i> , measured drawing pl. 84: 1. <i>Reconstructions</i> , photographs pl. 83, measured drawing pl. 84: 2.	
ARMOUR 19	Pls. 85— 89
<i>In situ</i> , photographs pl. 87, measured drawings pl. 88. <i>Reconstructions</i> , photographs pls. 85, 86, measured drawing pl. 89.	
ARMOUR 20	Pls. 90— 92
<i>Reconstructions</i> , photographs pls. 90, 91, measured drawing pl. 92.	
ARMOUR 21	Pls. 93—102
<i>In situ</i> , photographs pls. 96—99, measured drawings pls. 100, 101. <i>Reconstructions</i> , photographs pls. 93—95, measured drawing pl. 102.	
ARMOUR 22	Pls. 103—112
<i>In situ</i> , photographs pls. 106—109, measured drawings pls. 110, 111. <i>Reconstructions</i> , photographs pls. 103—105, measured drawing pl. 112.	
ARMOUR 23	Pls. 113—116
<i>In situ</i> , photograph pl. 115, measured drawing pl. 116: 1. <i>Reconstructions</i> , photographs pls. 113, 114, measured drawing pl. 116: 2.	
ARMOUR 24	Pls. 117—132
<i>In situ</i> , photographs pls. 121—125, measured drawings pls. 126—130. <i>Plates</i> , measured drawings pl. 131. <i>Reconstructions</i> , photographs pls. 117—120, measured drawing pl. 132.	
ARMOUR 25	Pls. 133—145
<i>In situ</i> , photographs pls. 135—139, measured drawings pls. 140, 141. <i>Rows of lamellae</i> , measured drawings pls. 142, 143. <i>Lamellae</i> , measured drawings pl. 144. <i>Reconstructions</i> , photographs pls. 133, 134, measured drawing pl. 145.	

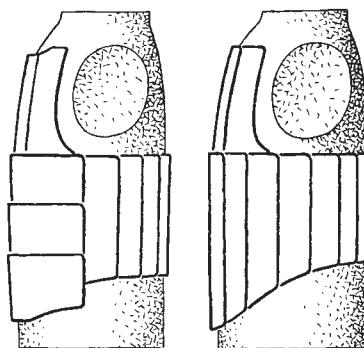
INTRODUCTION

The Plate Volume contains the illustrations of those twenty-five Wisby armours which could be reconstructed. The illustrations of each suit of armour are arranged in the following way. First there are photographs of the armour with its various parts mounted on a lay figure of cork. Cardboard models are here substituted for missing plates or such as could not be mounted on account of their fragmentary condition. These photographs begin with a picture of the armour taken obliquely from the front, usually large-scale; the next plate shows pictures of every side of the armour (front, left, right and back), provided they were sufficiently complete to be mounted. The armours 21, 22 and 24, being of more complicated construction, are also photographed from above and obliquely from the back. Armour 25 is represented by photographs of a model in iron, since the original iron lamellae are so damaged that they cannot be mounted on the lay figure. Then follow illustrations of the various parts of the armour *in situ*, wherever their relative positions have been determinated — photographs first, then measured drawings. When several illustrations are found necessary to show the position of the find, those of the top layer will, of course, come first, and then the underlying layers in succession. Finally follow the measured drawings of the various plates and other parts of the armour, and these are, as far as possible, placed beside each other in the order they occupy in the reconstruction. Here dotted lines represent missing plates, buckles etc., as well as parts thereof, wherever these could be reconstructed with reasonable certainty. In regard to the armours 24 and 25 with their many similarly shaped plates, a different system has been adopted with respect to these latter measured drawings, in that on one plate of each (pls. 131 and 144), the main types occurring, have been summarized, while the following one (pls. 132 and 145) gives a reconstruction of the whole armour with the various parts overlapping. As to the numbers of the iron plates or lamellae for these two armours, it should be noted that in cases where the numbers for a series of plates or lamellae are in sequence, only the first and last have been given. But on pls. 132 and 145, those parts which are to be found on pls. 131 and 144 have also been indicated by numbers. On pl. 145 the rivet-heads have been shaded obliquely in order to distinguish them clearly from the holes. Larger rivets indicate that the rivet-head was on the outside (the side facing the spectator), smaller ones, that the rivet-head was on the inside. In armour 25, the two drawings of the two sides of the armour *in situ* (pls. 140, 141) have, because the rows overlap and very largely conceal one another, been supplemented by two drawings (pls. 142, 143), showing the separate rows independently; the relative positions of the lamellae are, however, retained within the different rows. The numbers of the lamellae have been inserted only on the latter drawings. All measured drawings are reproduced on a scale of 1:4. Crosses indicate rivet-heads on the under-sides of the plates.

Type I.

Coat of plates.

Horizontal and vertical plates on the front. Opening in the back.
Armours 1—7. Pls. 2—38.



Type II.

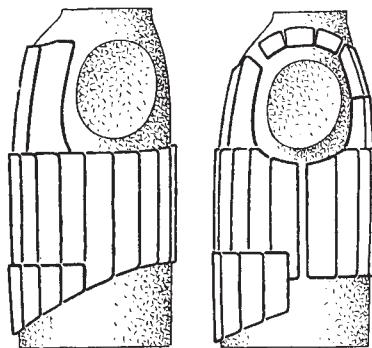
Coat of plates.

Vertical plates, on the front in two rows. Opening in the back.
Armours 8—15. Pls. 39—72.

Type III.

Coat of plates.

Vertical plates, on the front in three or more rows. Opening in back. Bottom edge of skirt aligned with the sides.
Armours 16—18. Pls. 73—84.



Type IV.

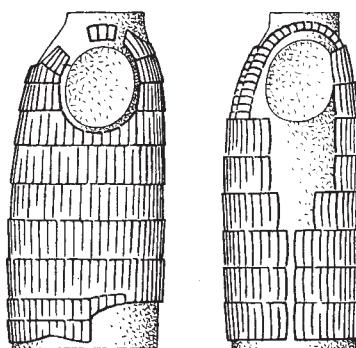
Coat of plates.

Vertical plates, on the front in three or more rows. Opening in one or both sides. Bottom edge of skirt below that of the sides.
Armours 19—23. Pls. 85—116.

Type V.

Coat of plates.

Many rows of small vertical plates. Opening in centre of front.
Armour 24. Pls. 117—132.



Type VI.

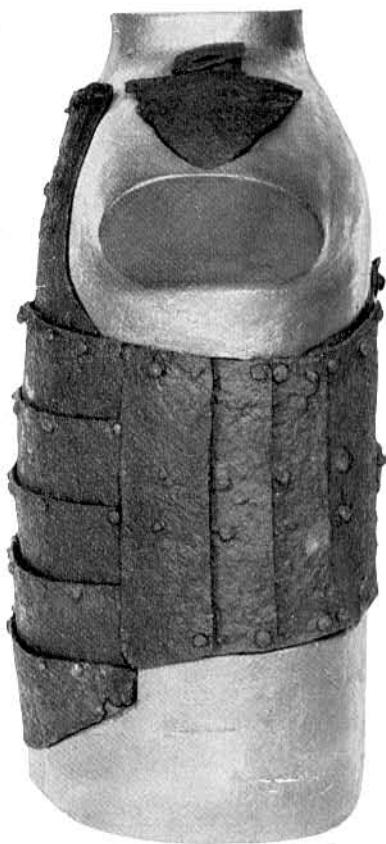
Lamellar Armour.

Thongs through holes.
Armour 25. Pls. 133—145.





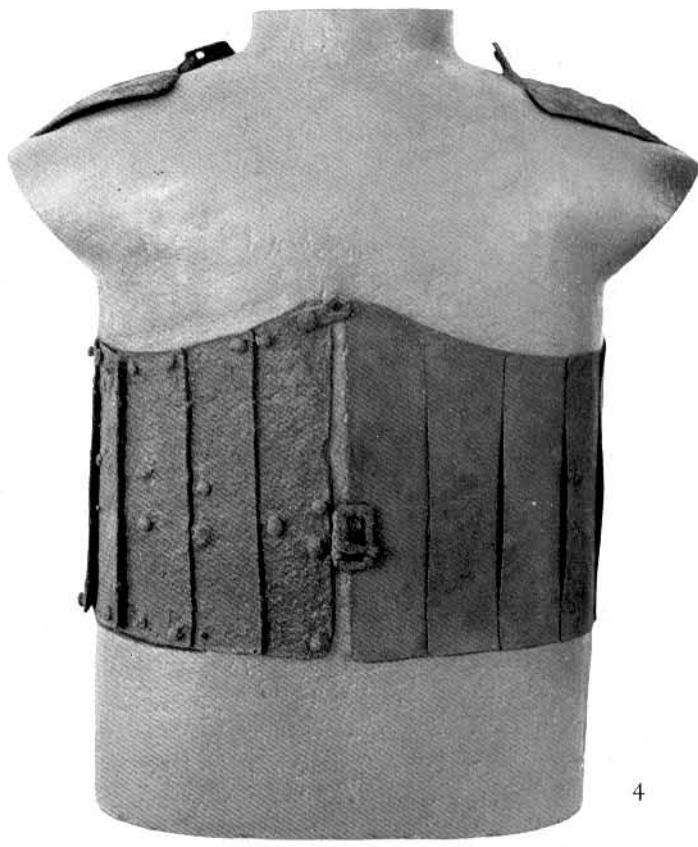
I



2



3



4



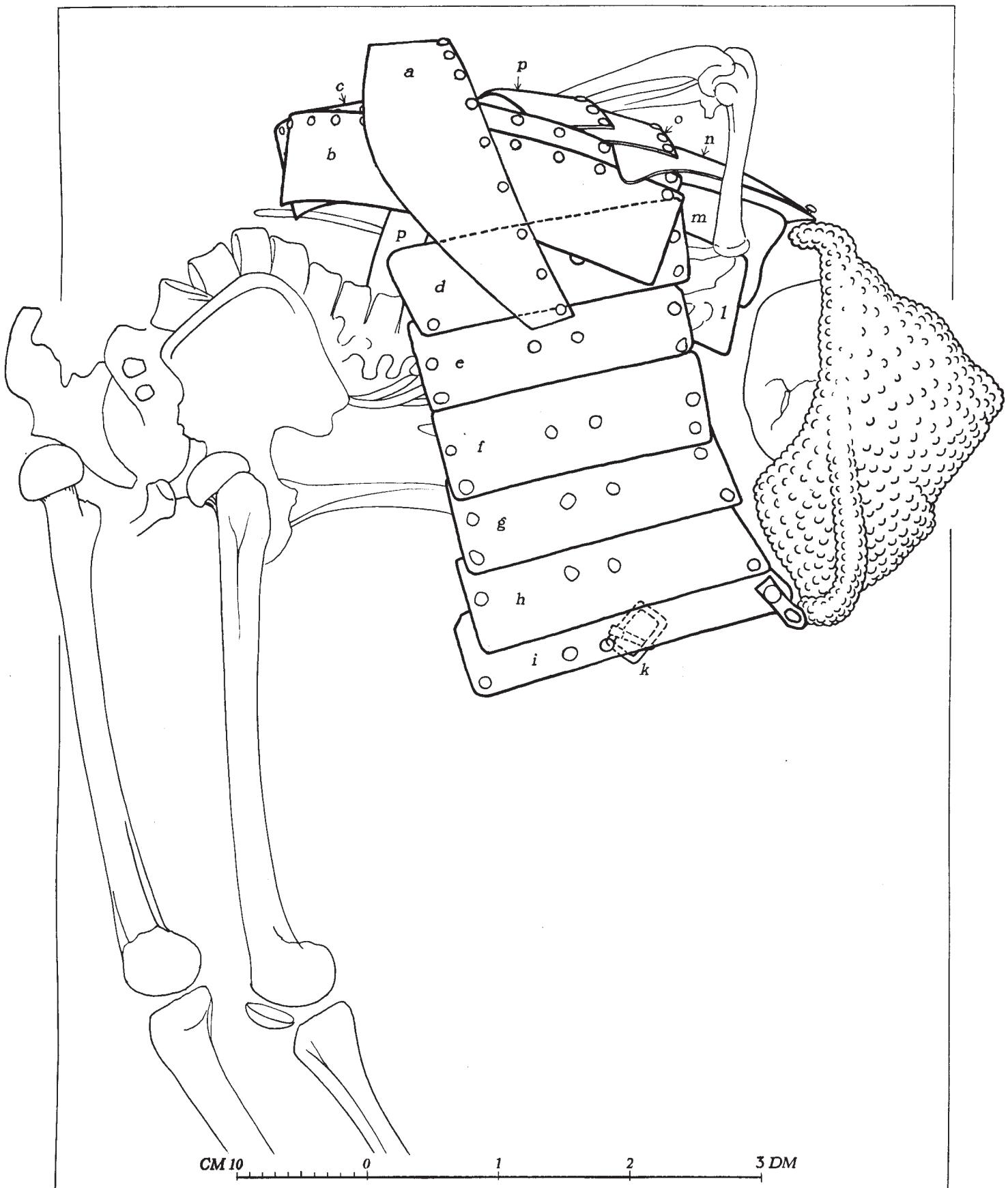
I

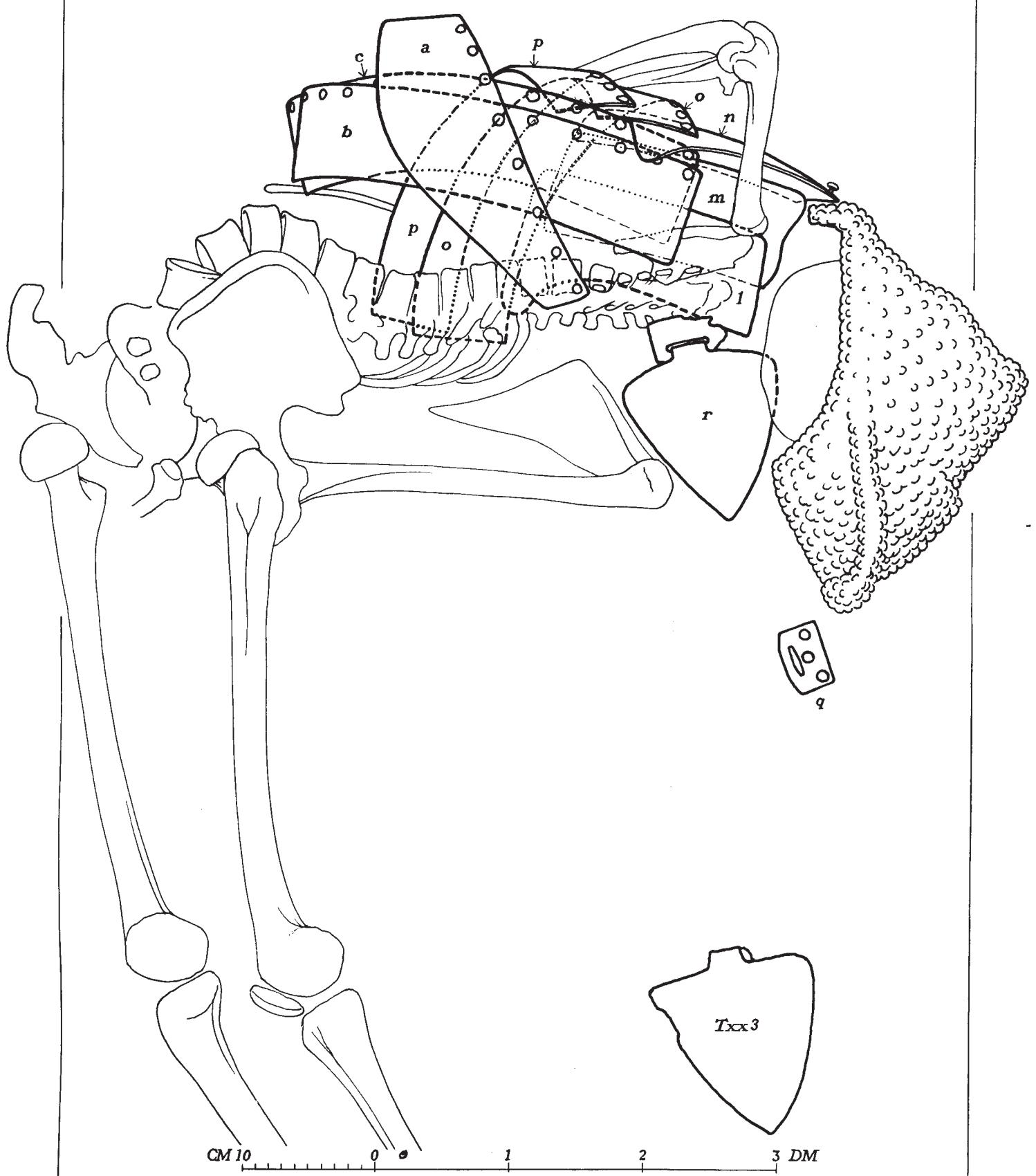


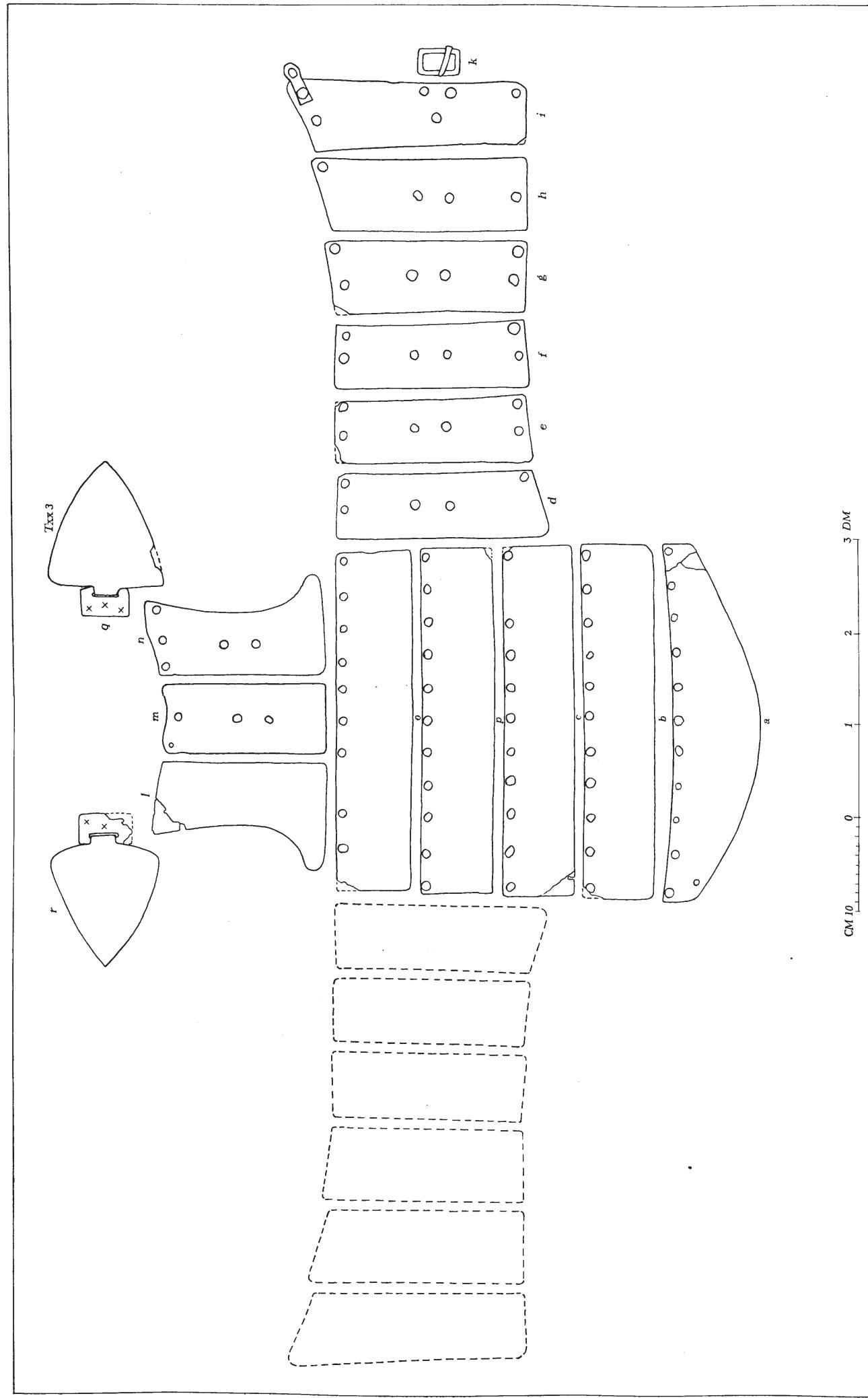
2







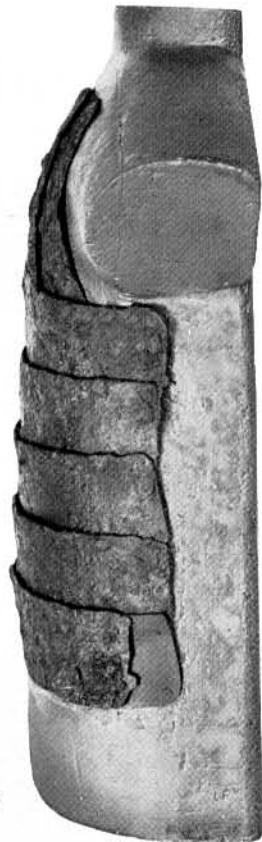




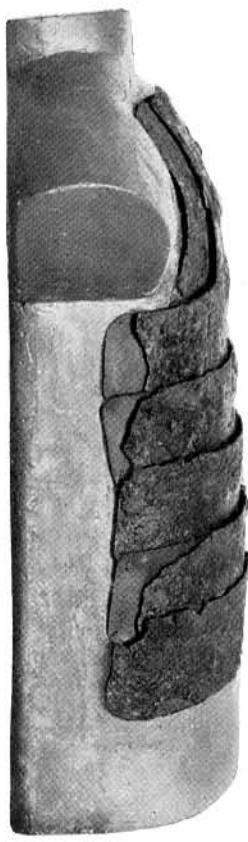




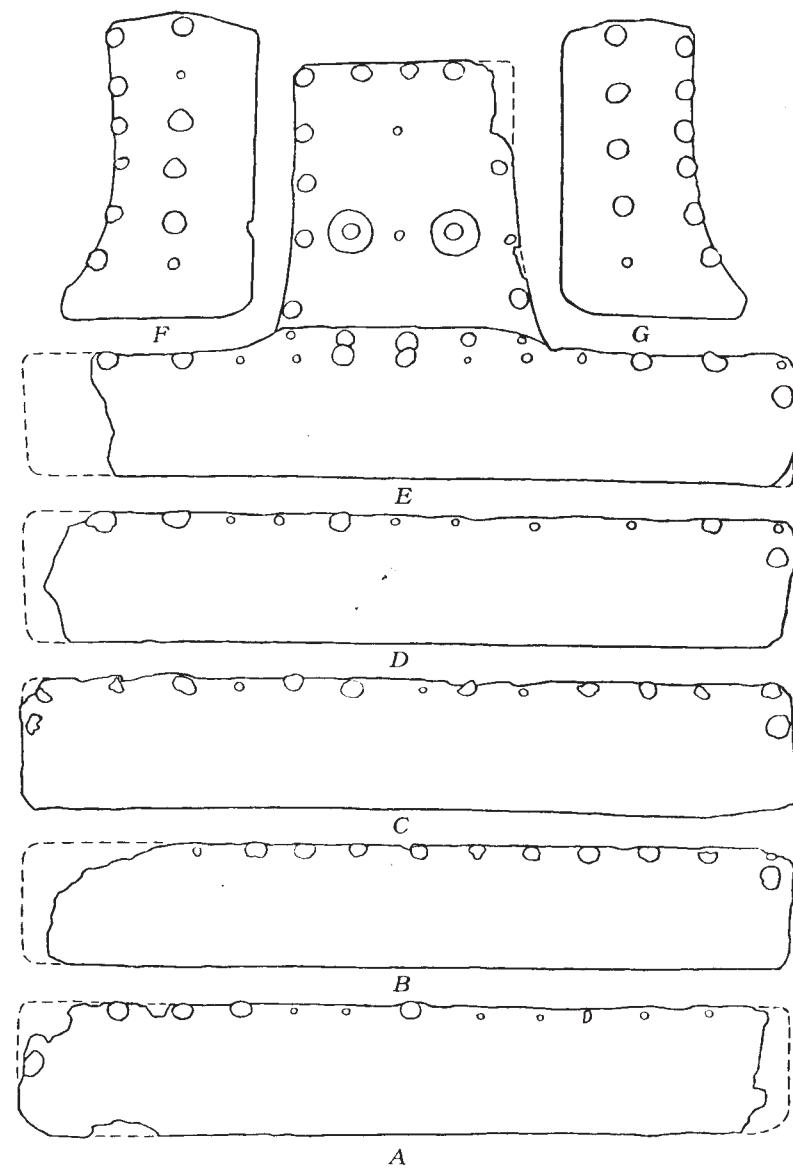
I



2



3



CM 10 0 1 2 3 DM





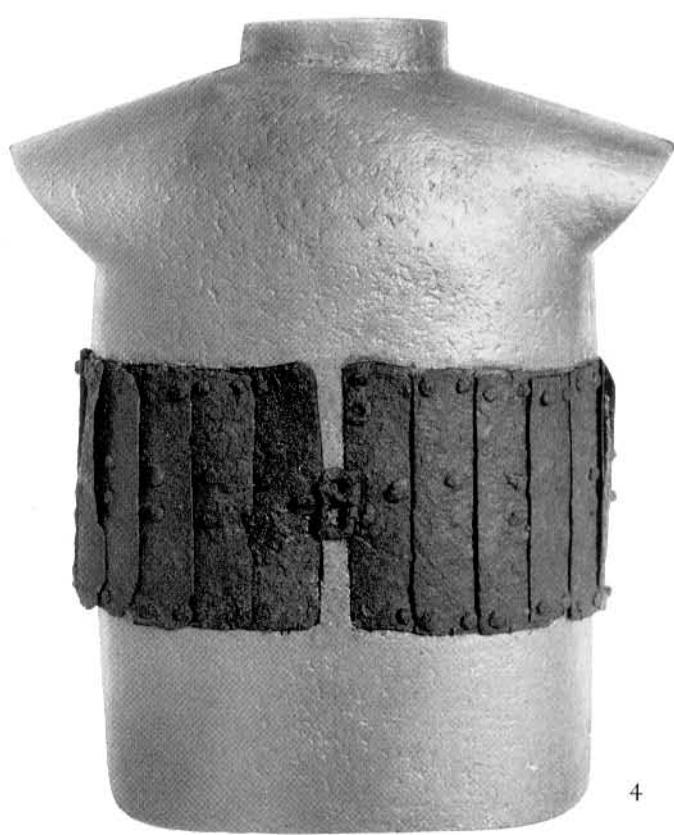
1



2



3



4



I



2



I



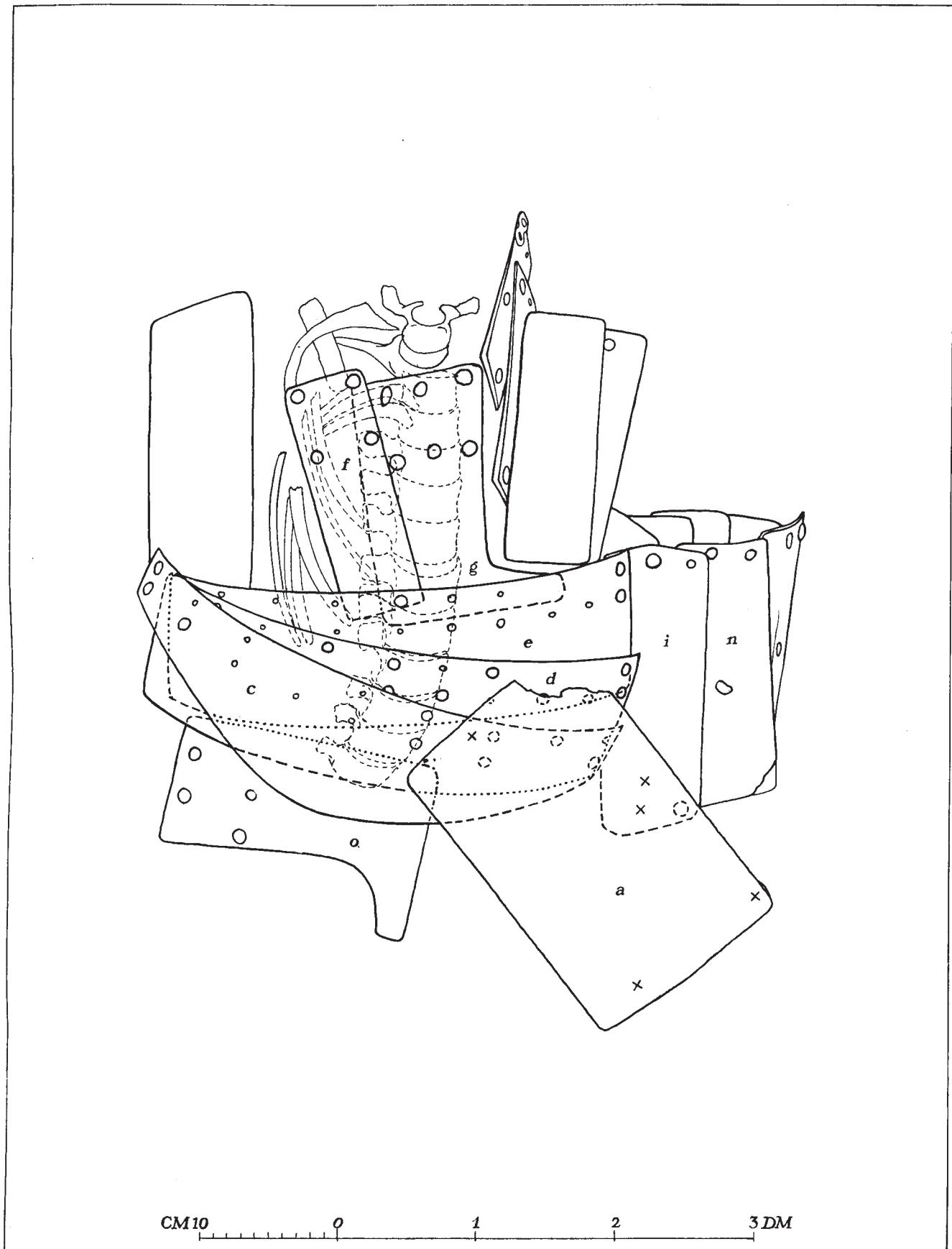
2

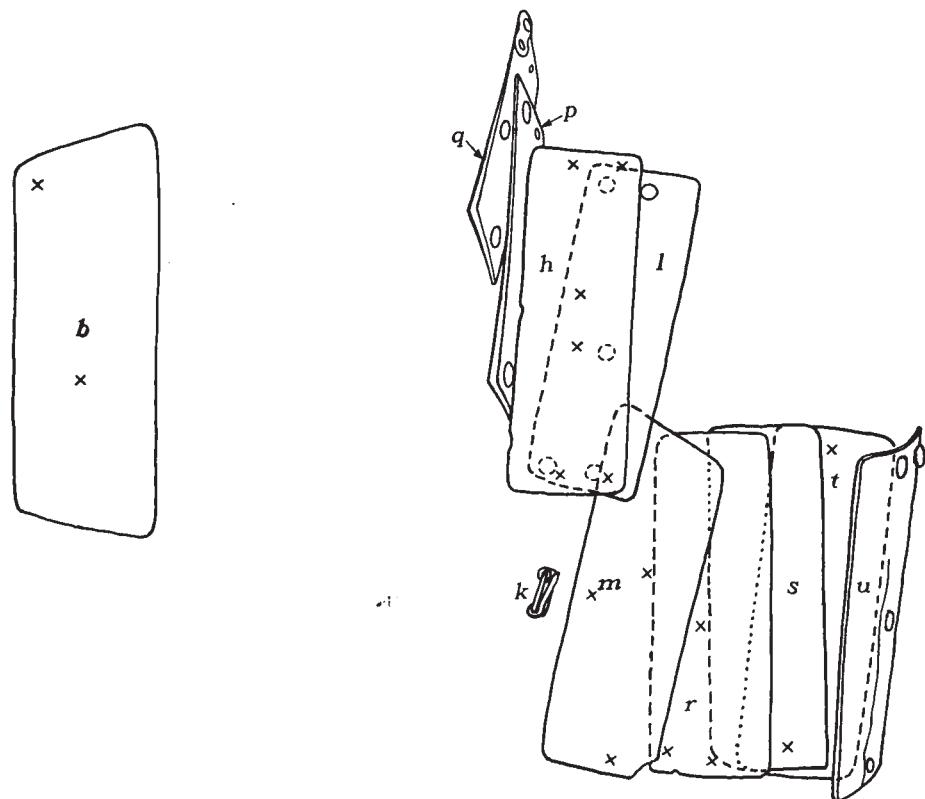


I



2





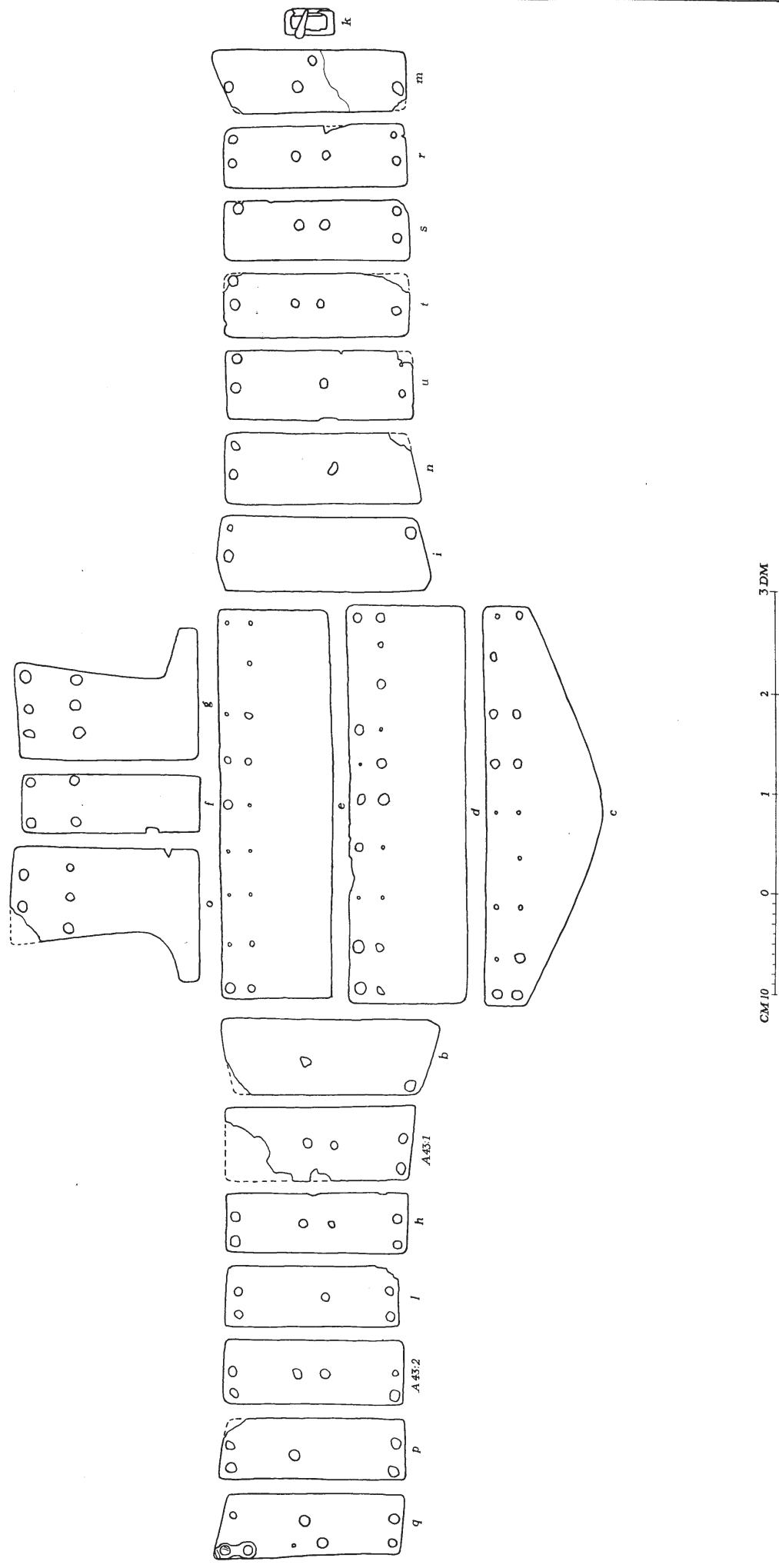
CM 10

0

1

2

3 DM







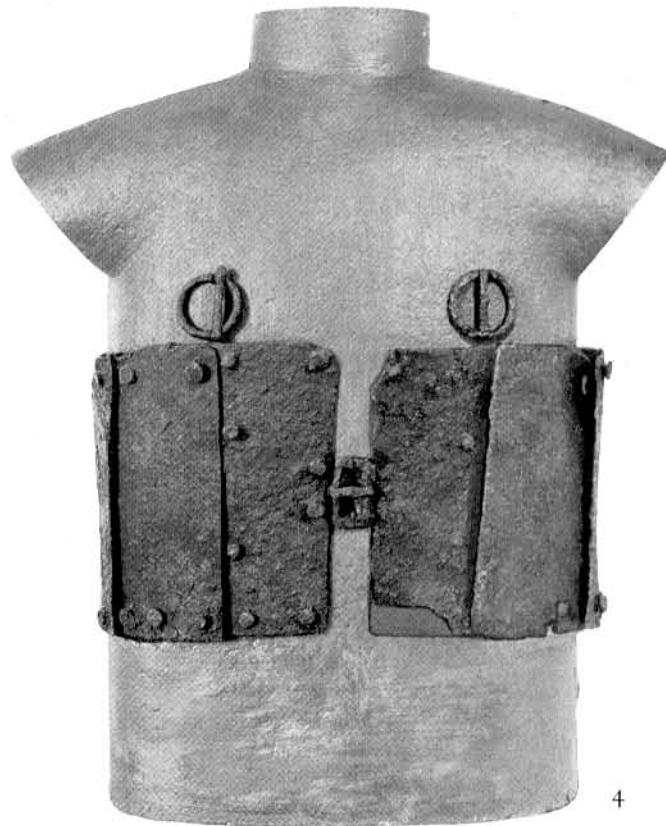
1



2



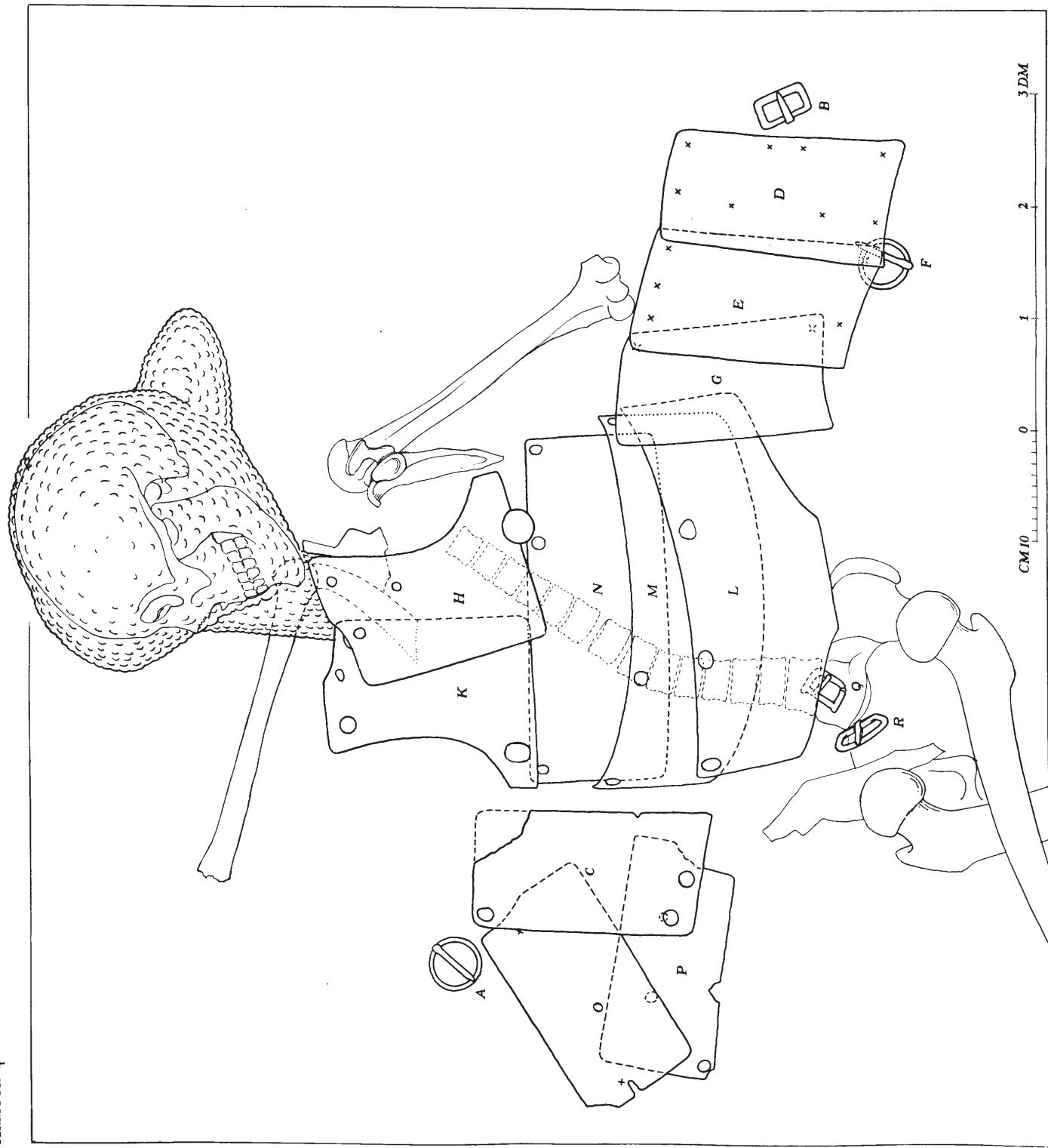
3

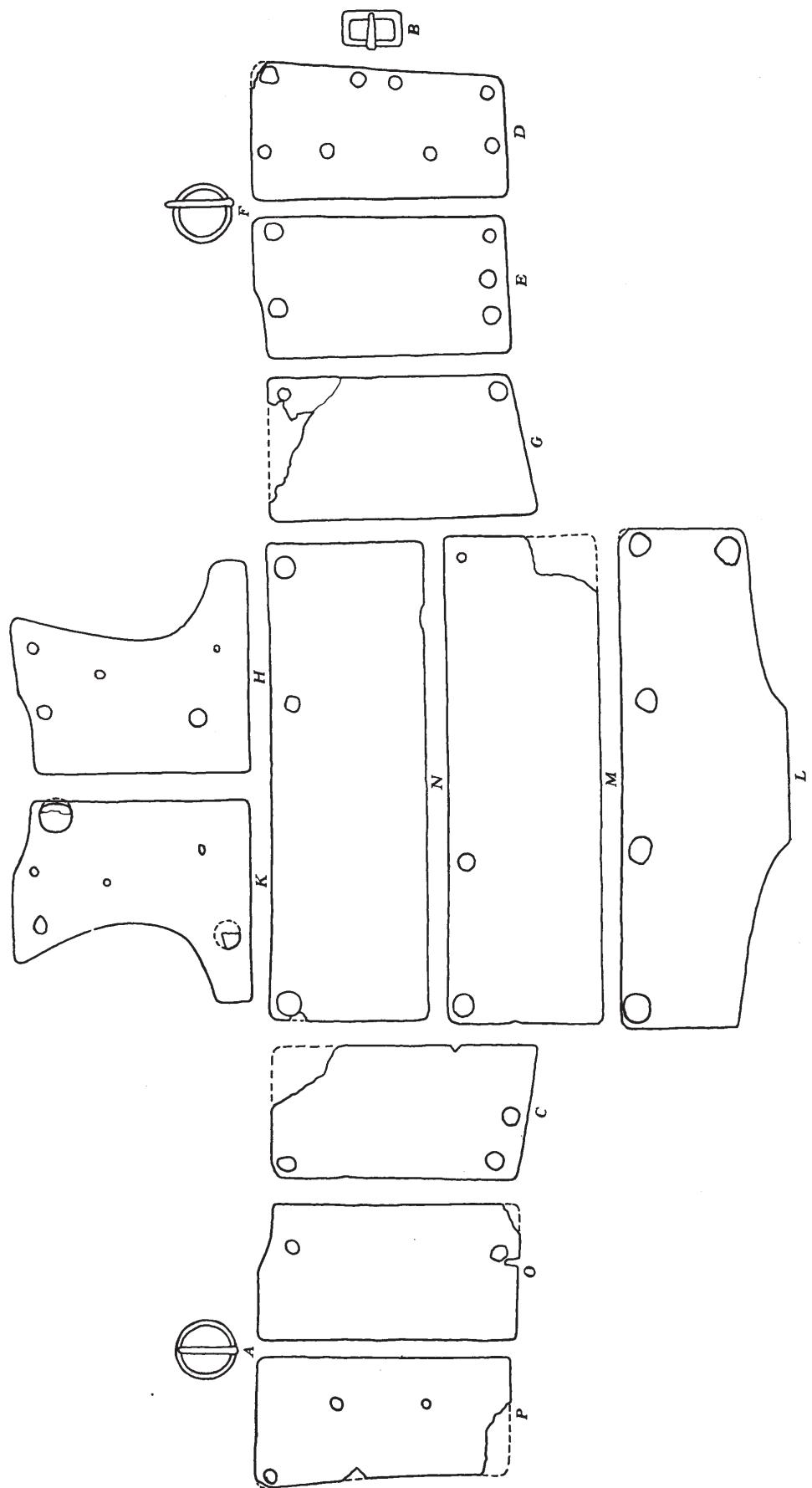


4













1



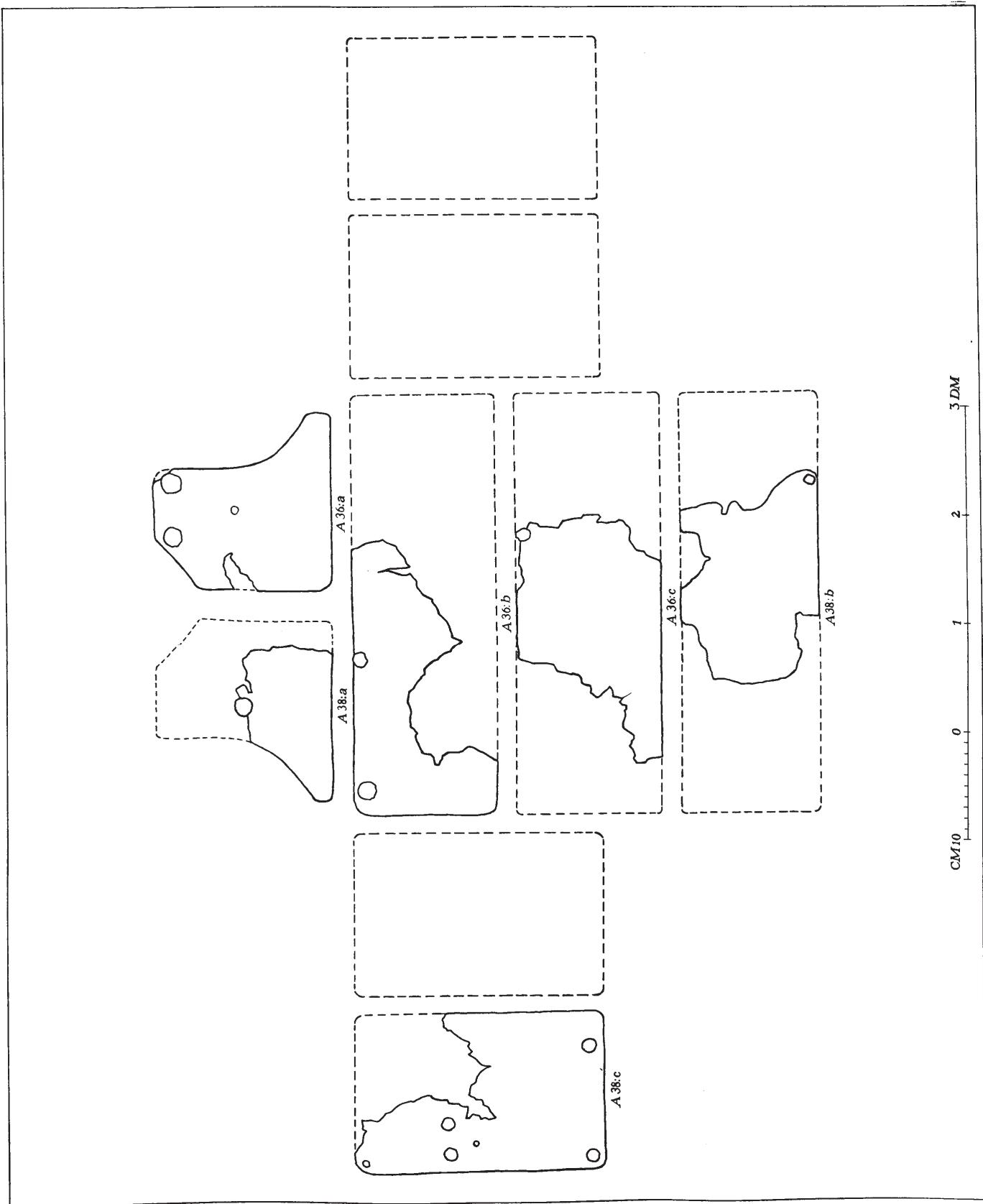
2



3

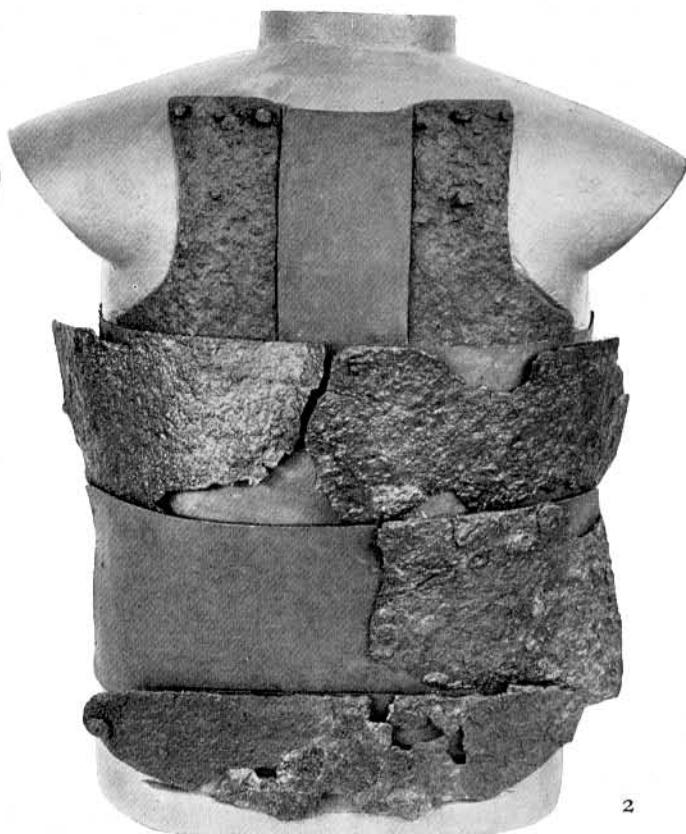


4

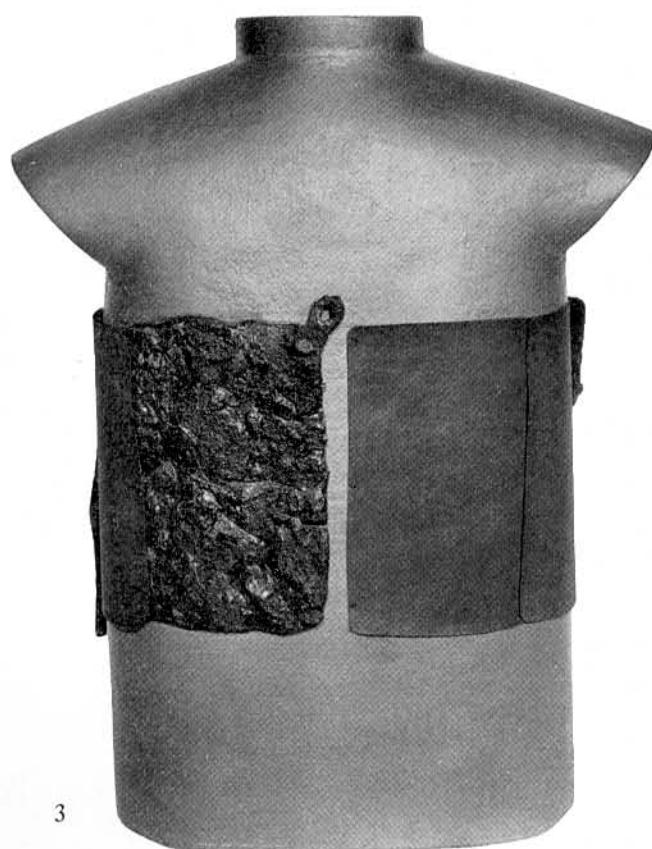




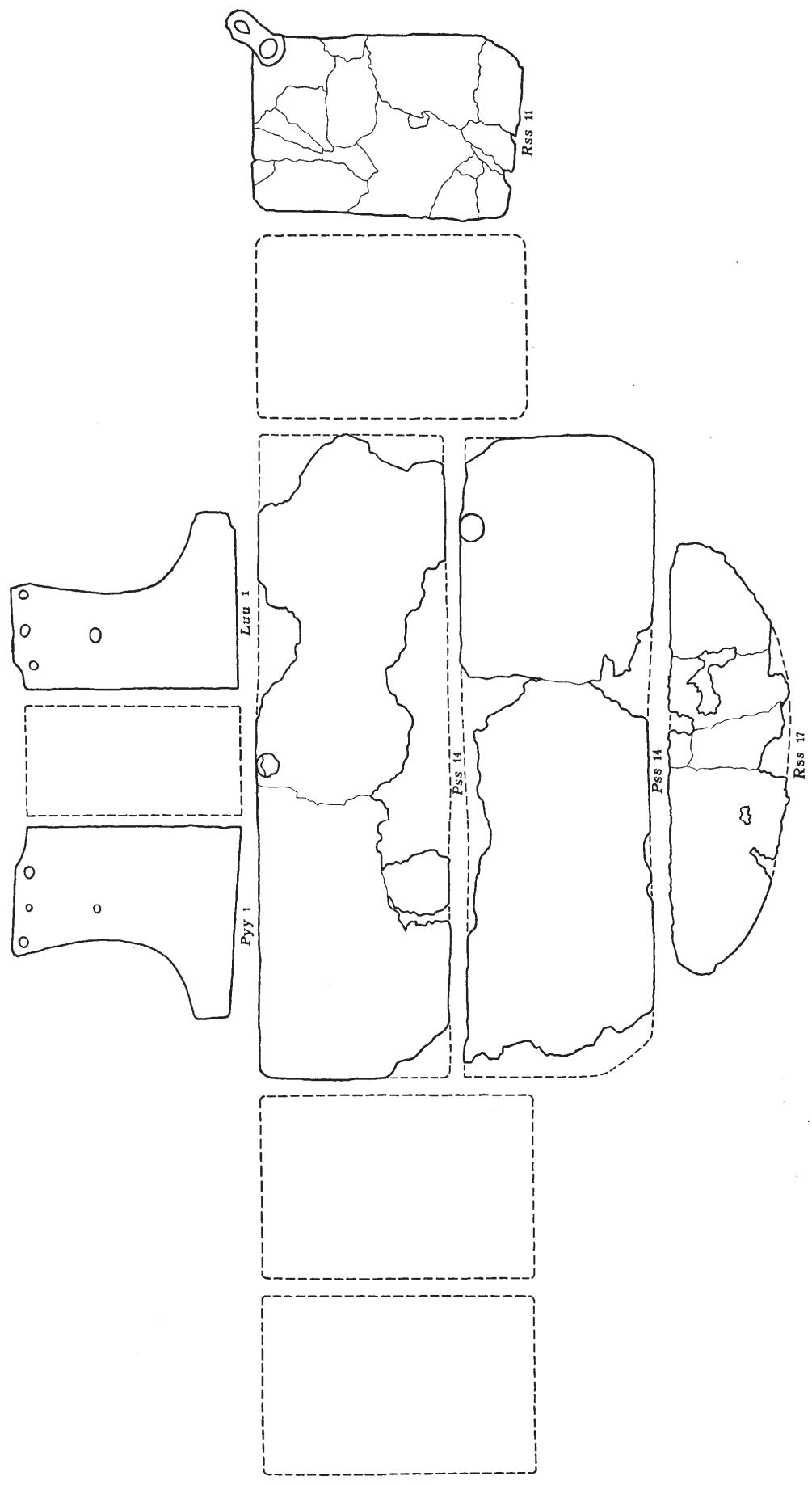
1



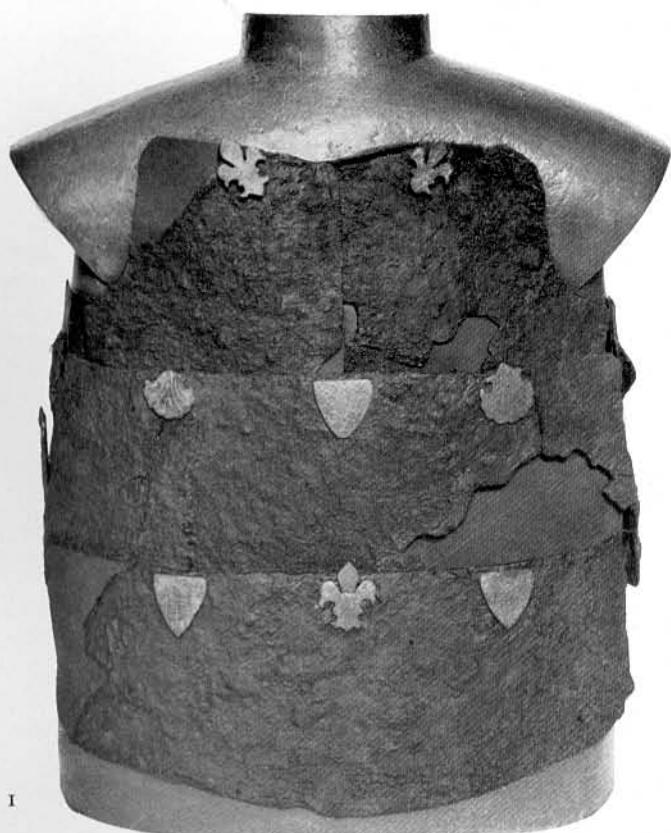
2



3







I



2



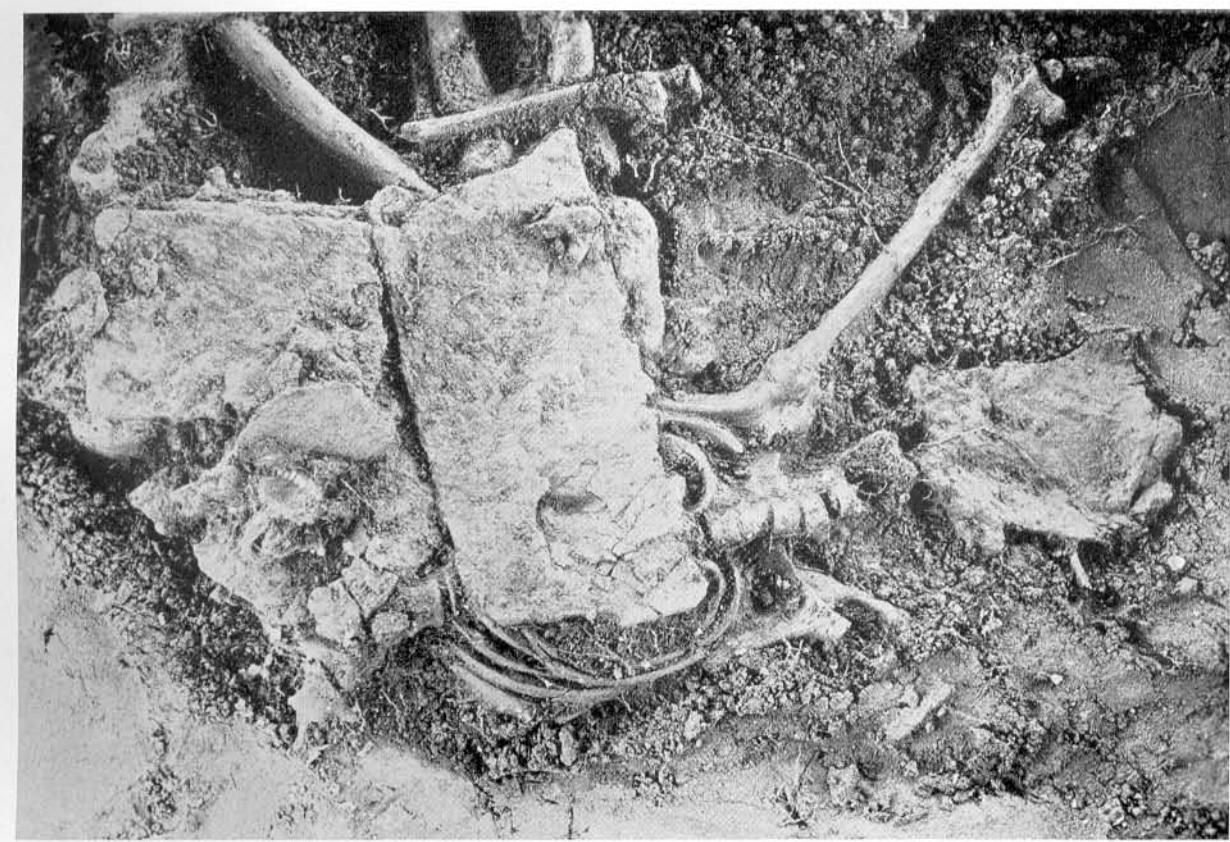
3



4



I



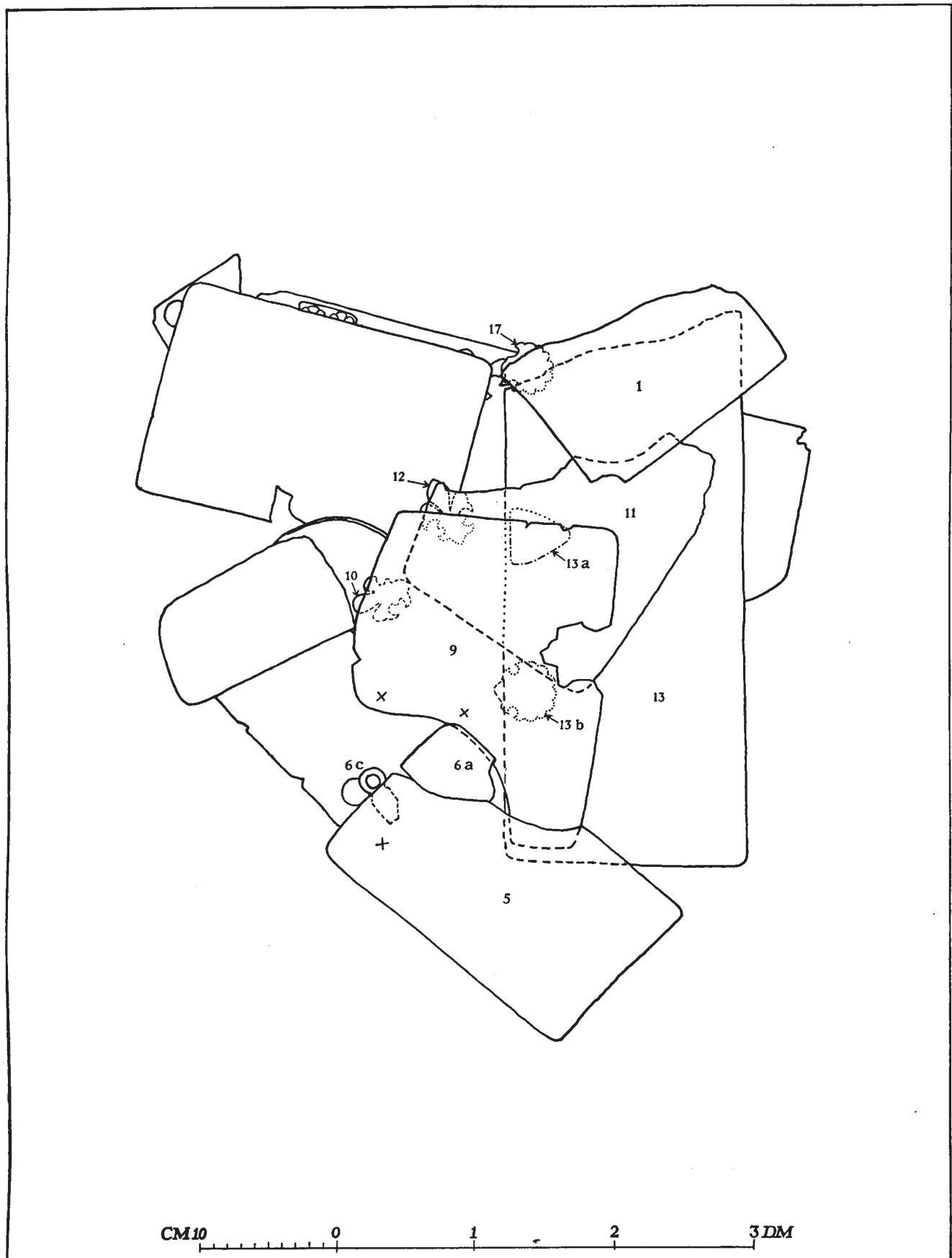
2

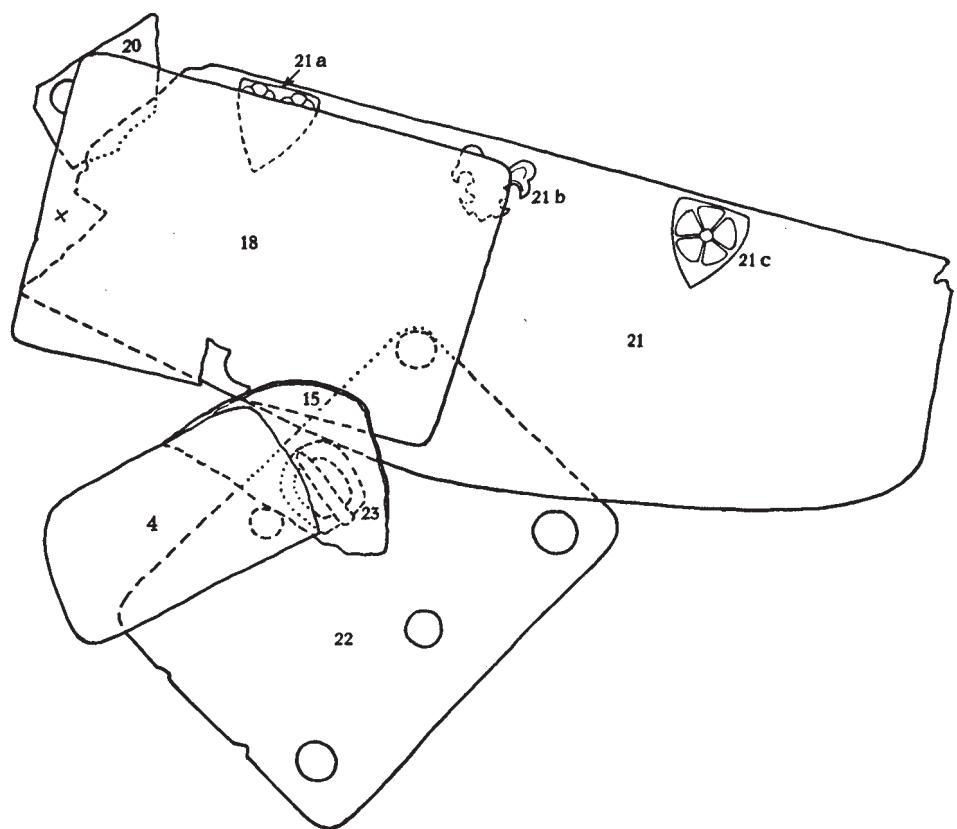


I

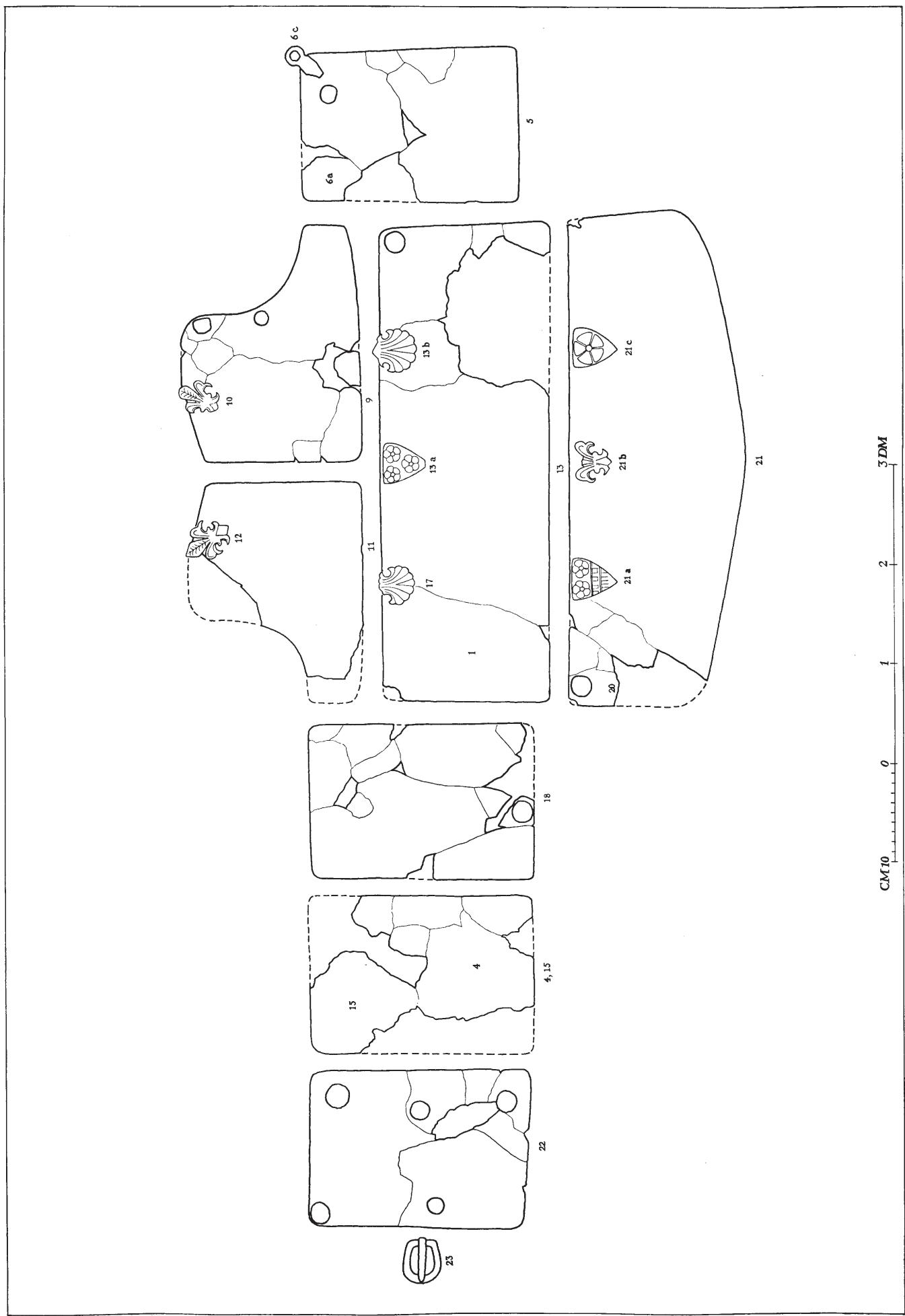


2

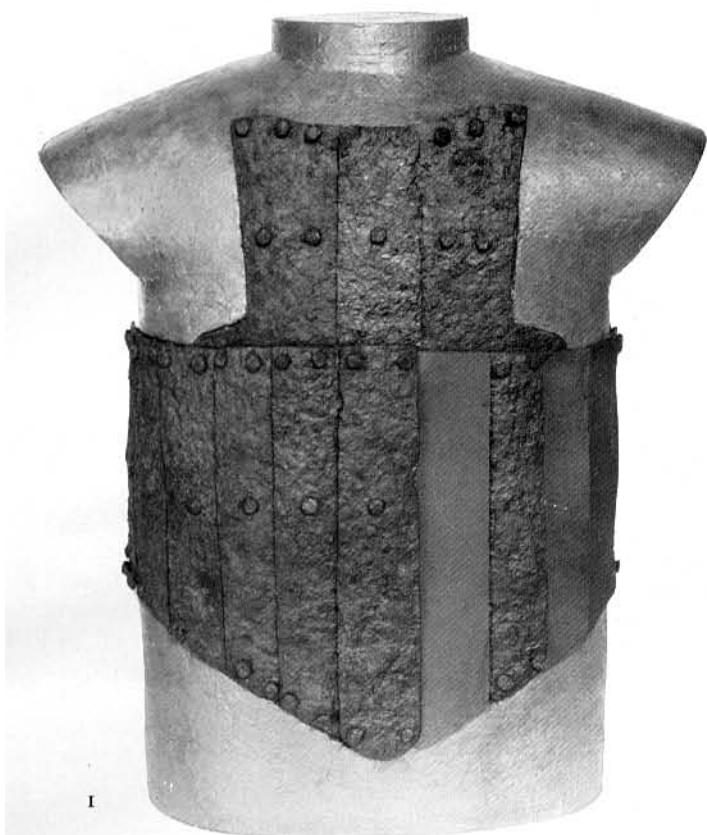




CM 10 0 1 2 3 DM







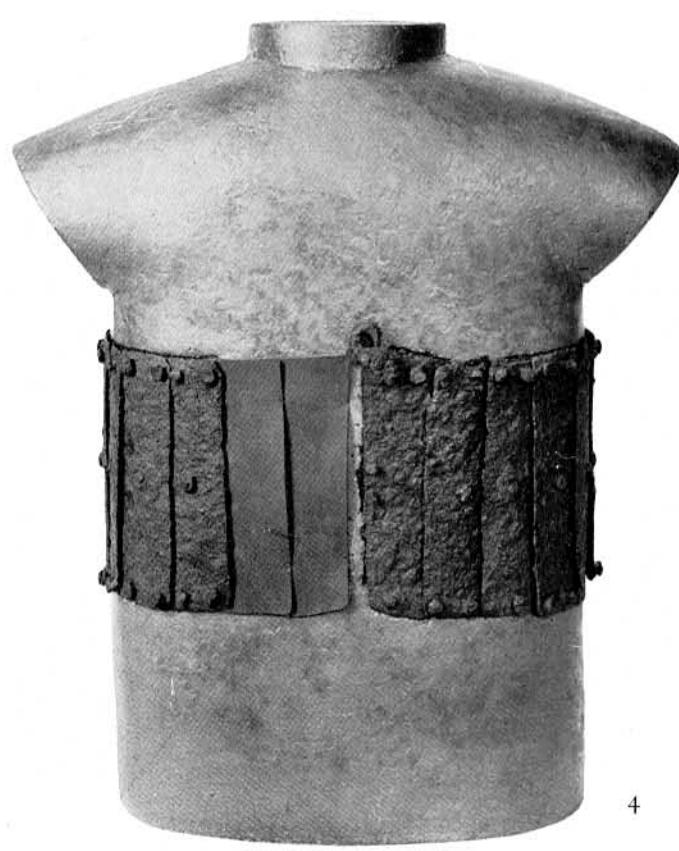
1



2

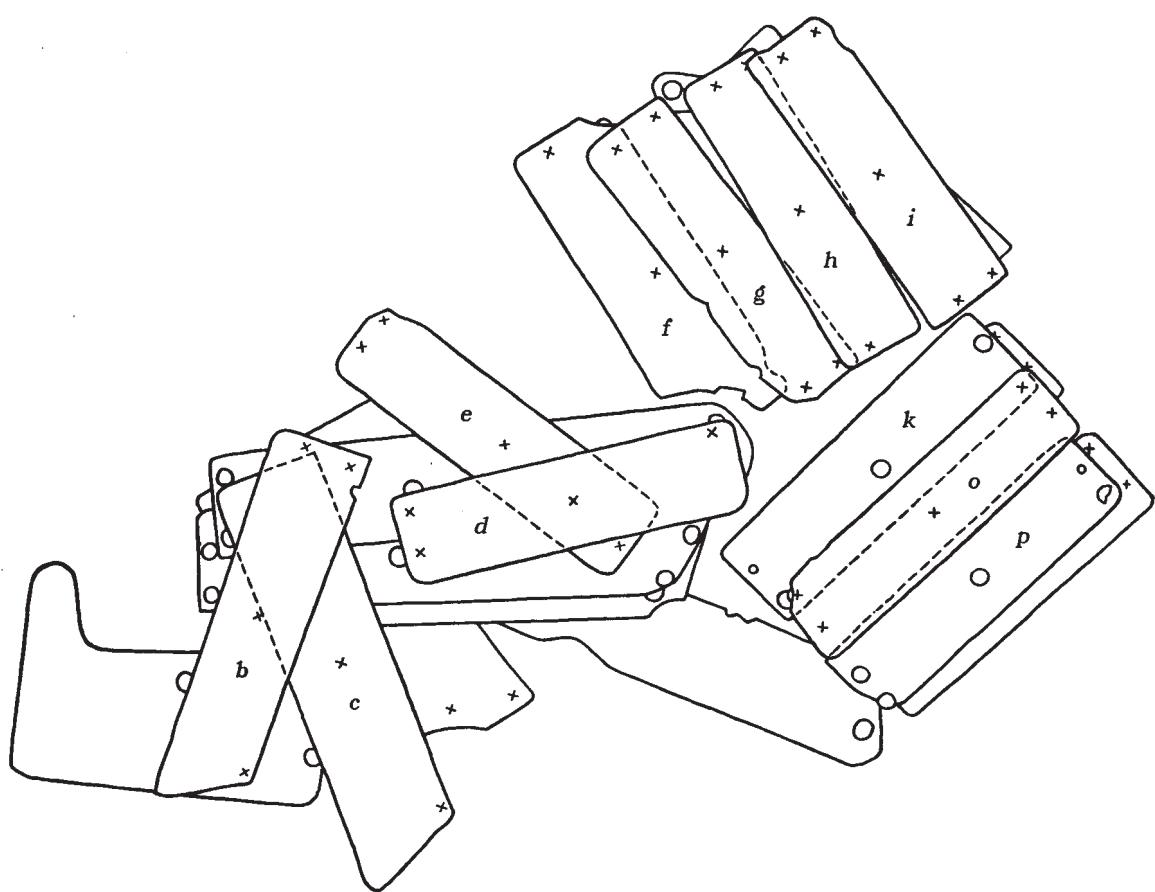


3

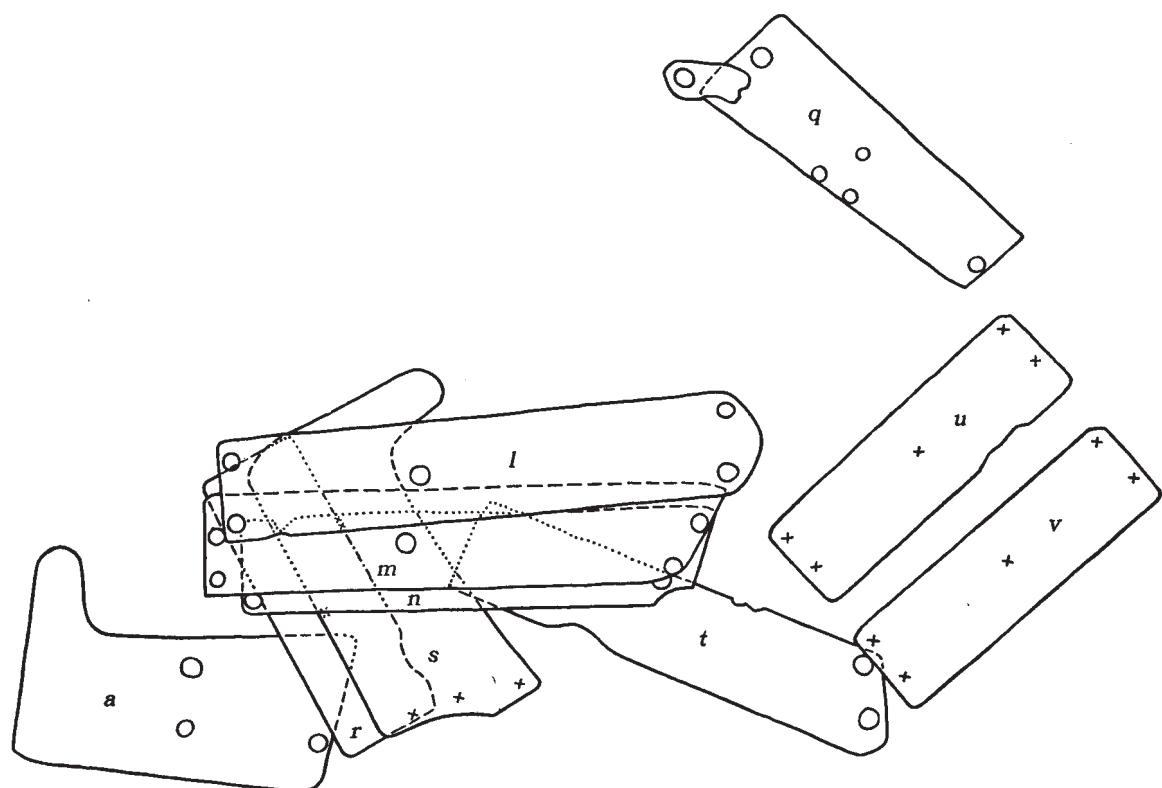


4

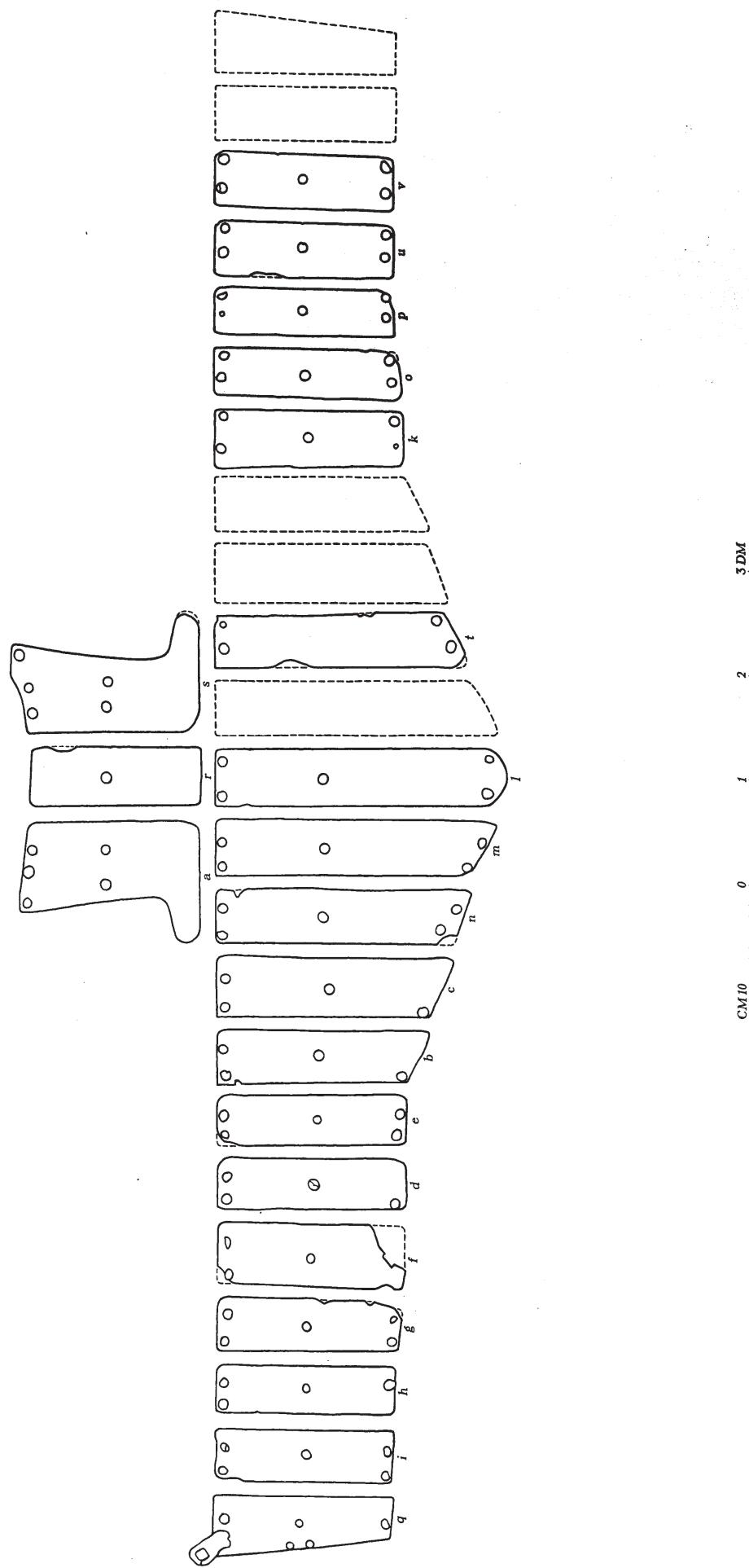




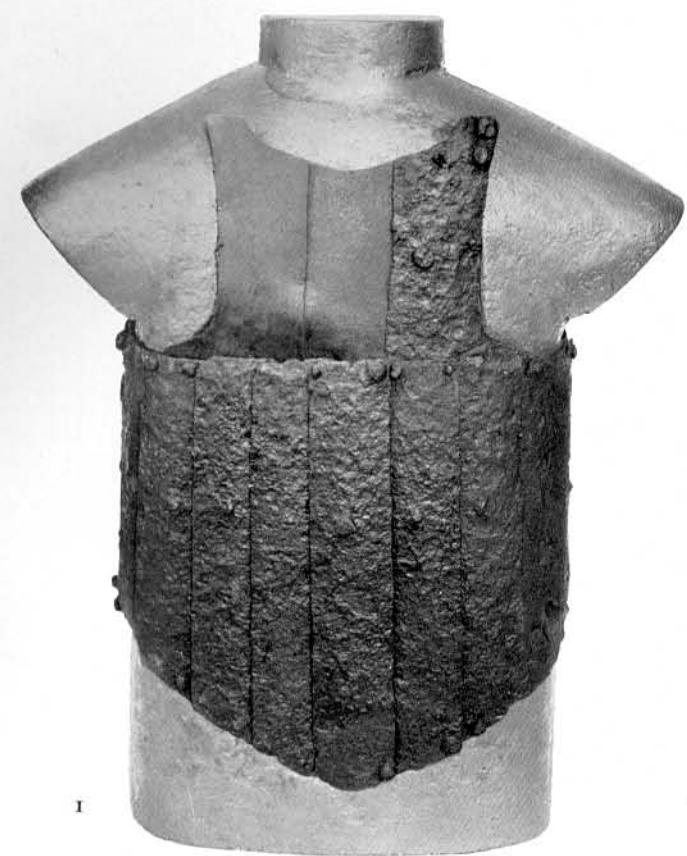
CM 10 0 1 2 3 DM



CM 10 0 1 2 3 DM







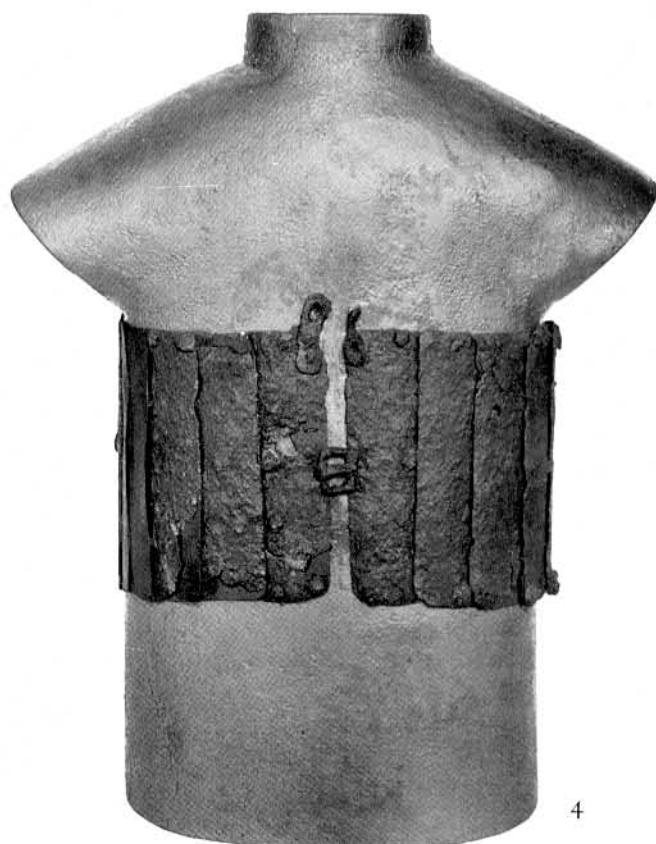
I



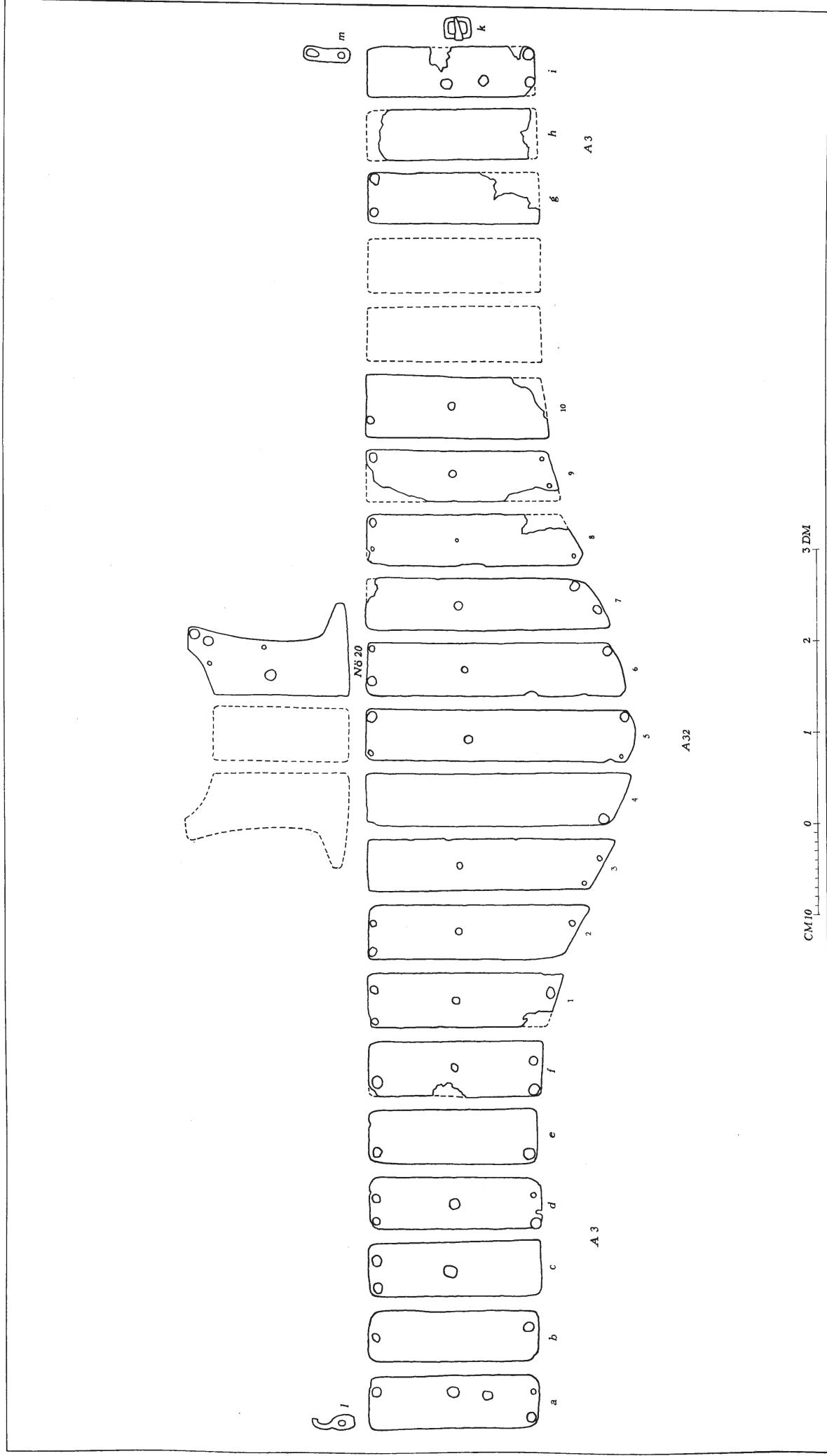
2

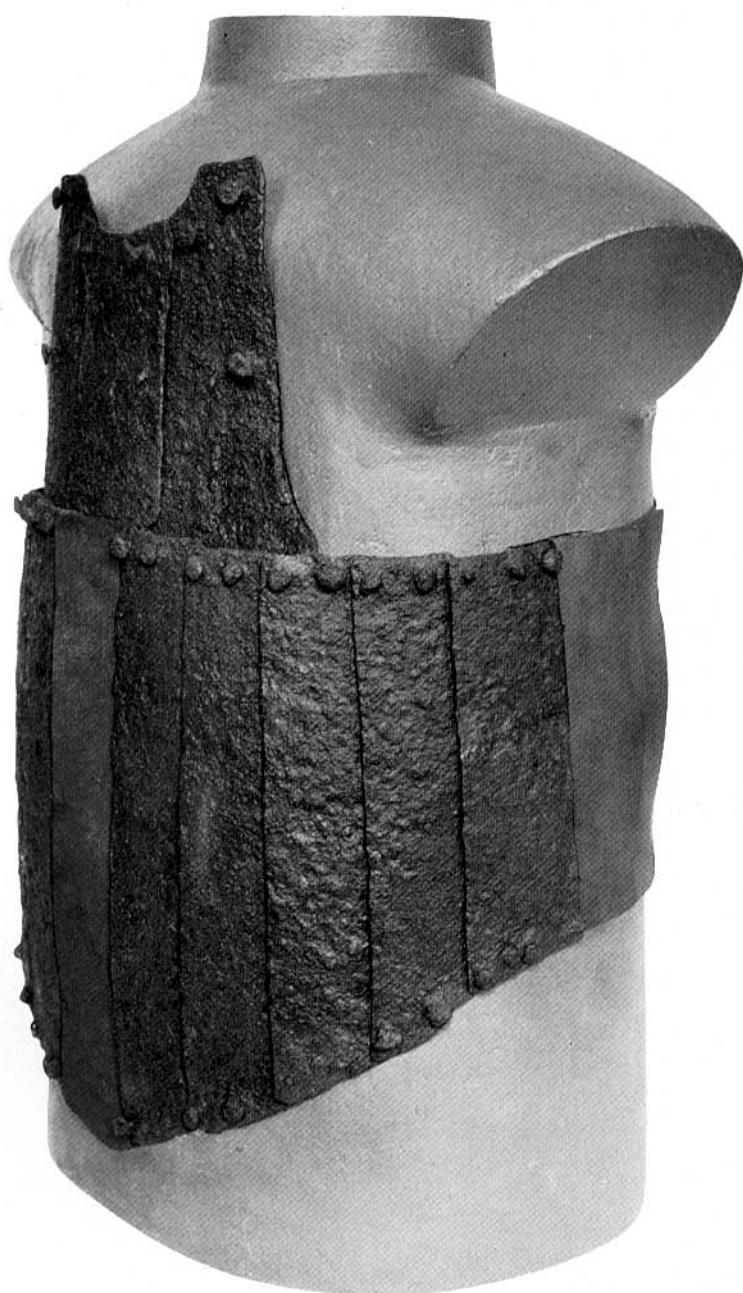


3



4







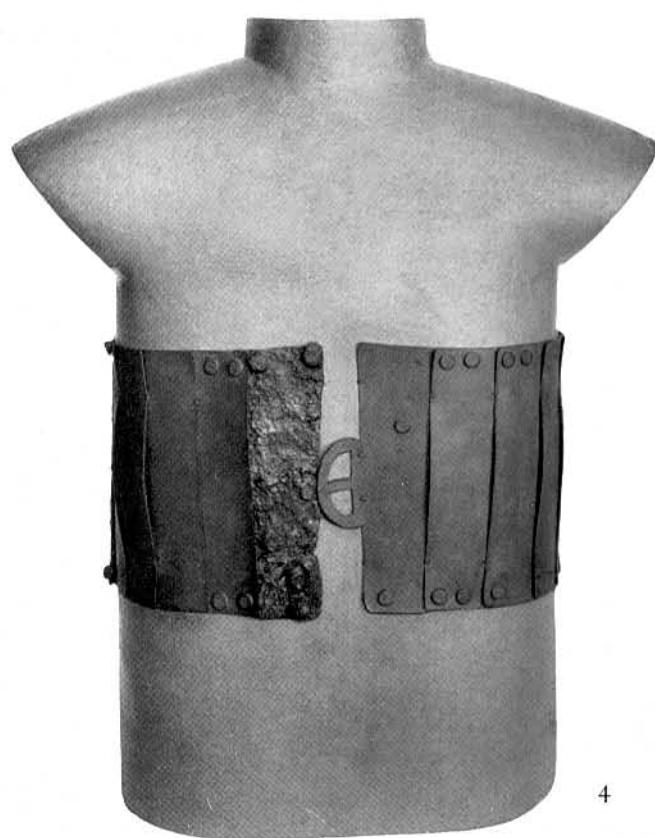
1



2

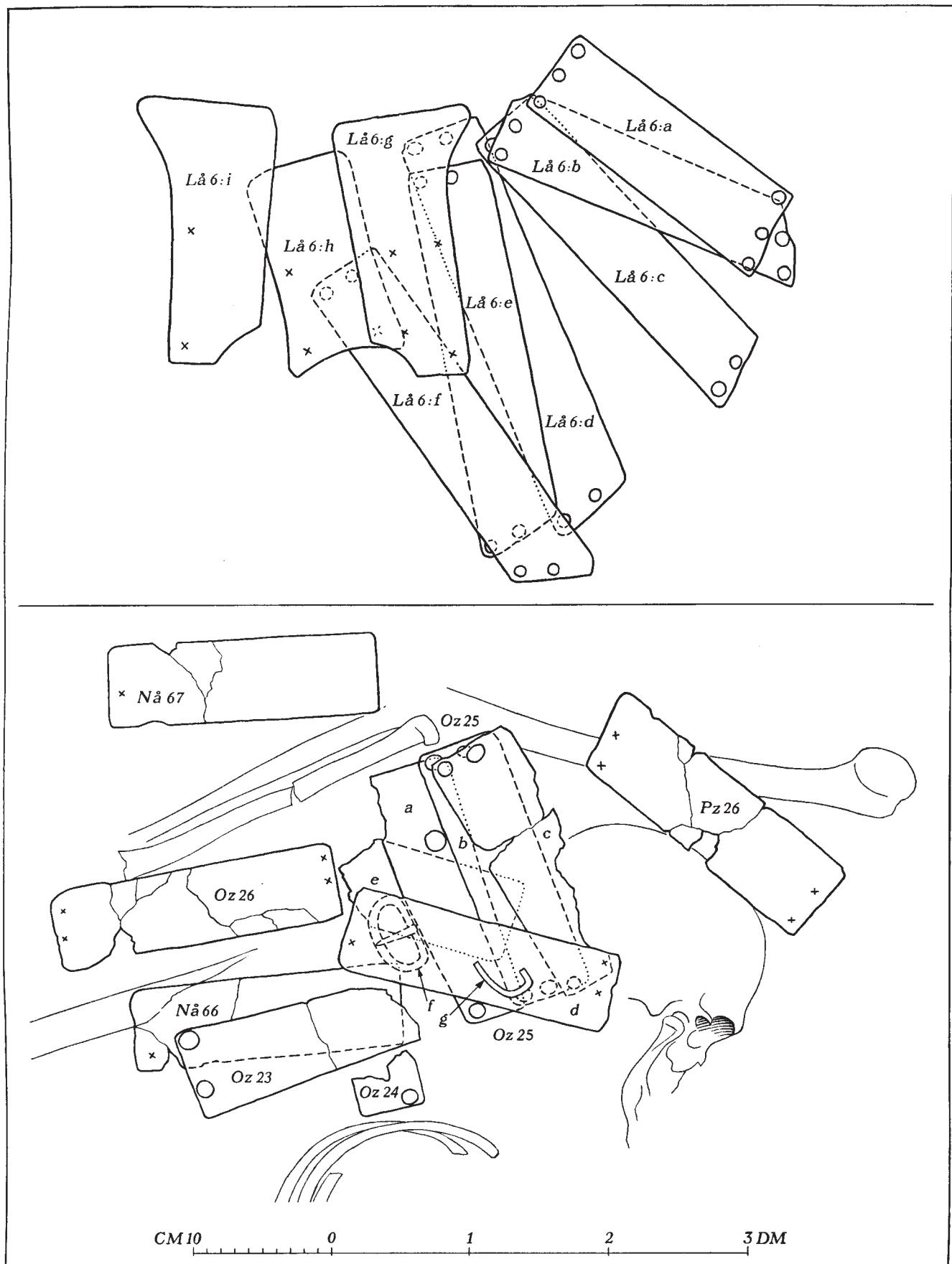


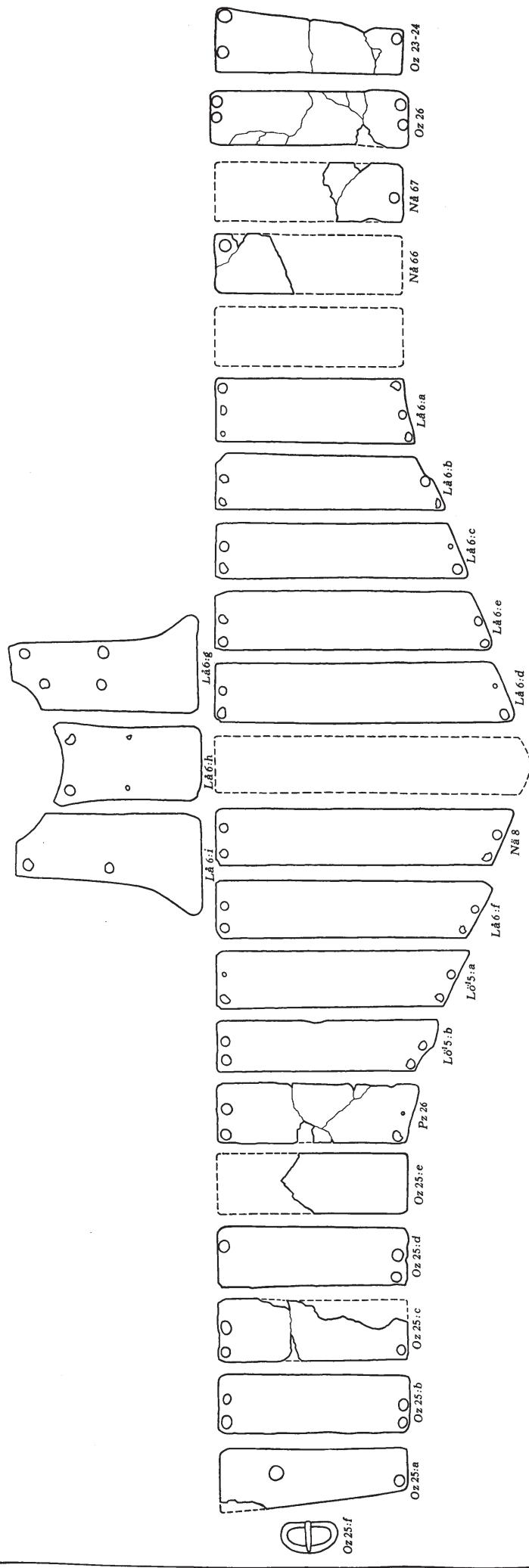
3



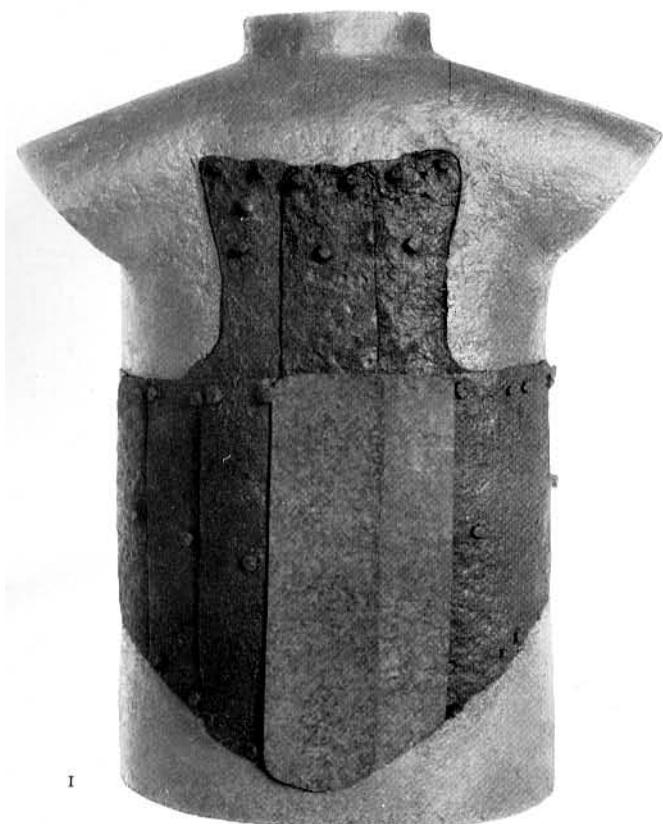
4



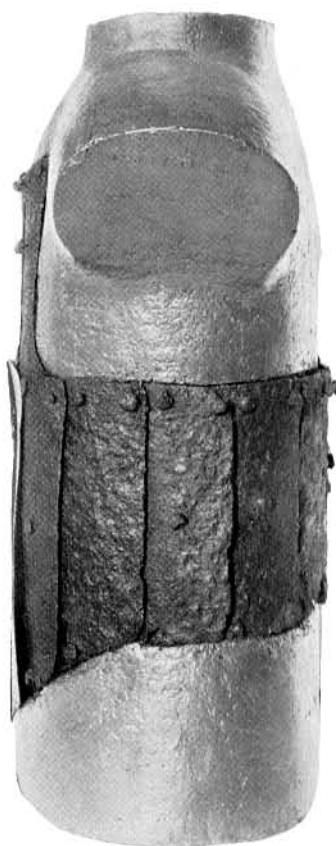








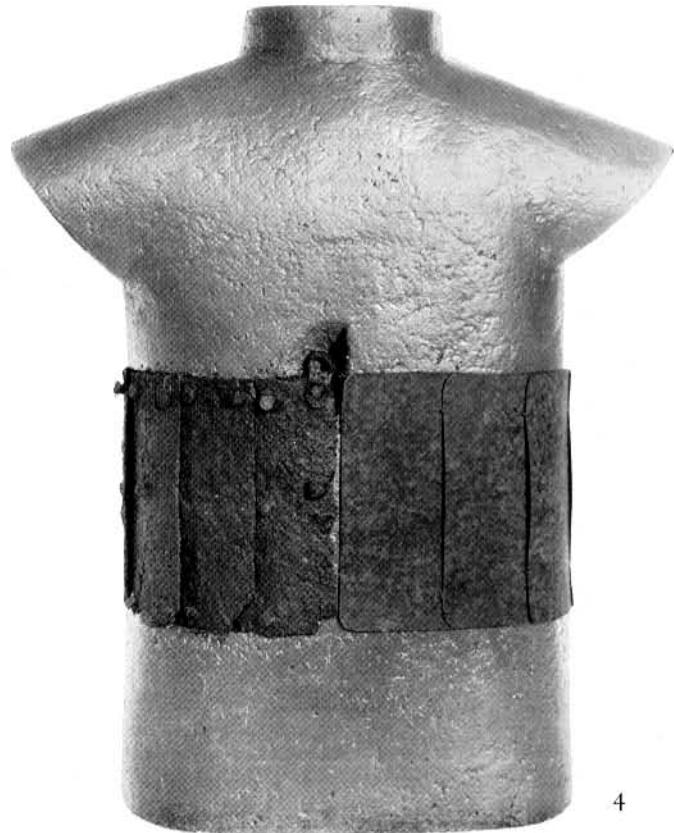
1



2



3



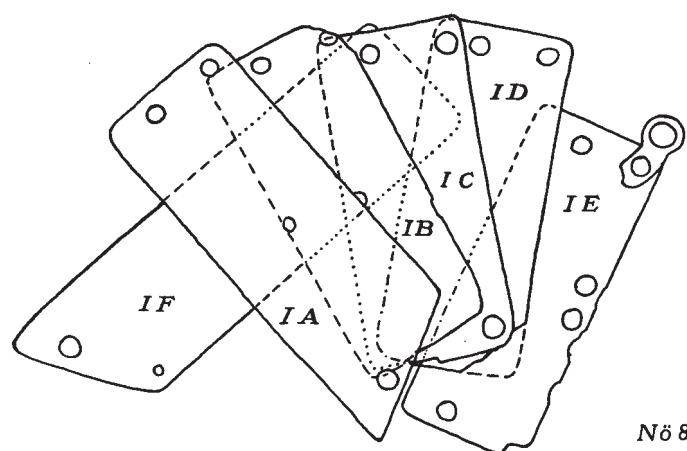
4



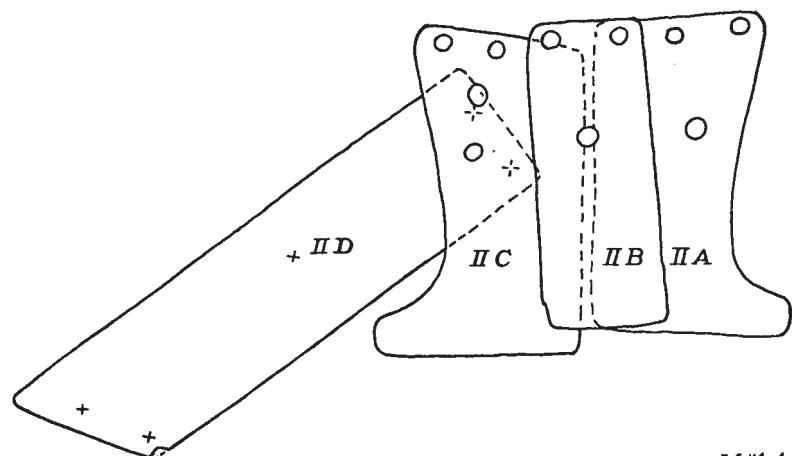
I



2



I



Mō 4.

CM 10

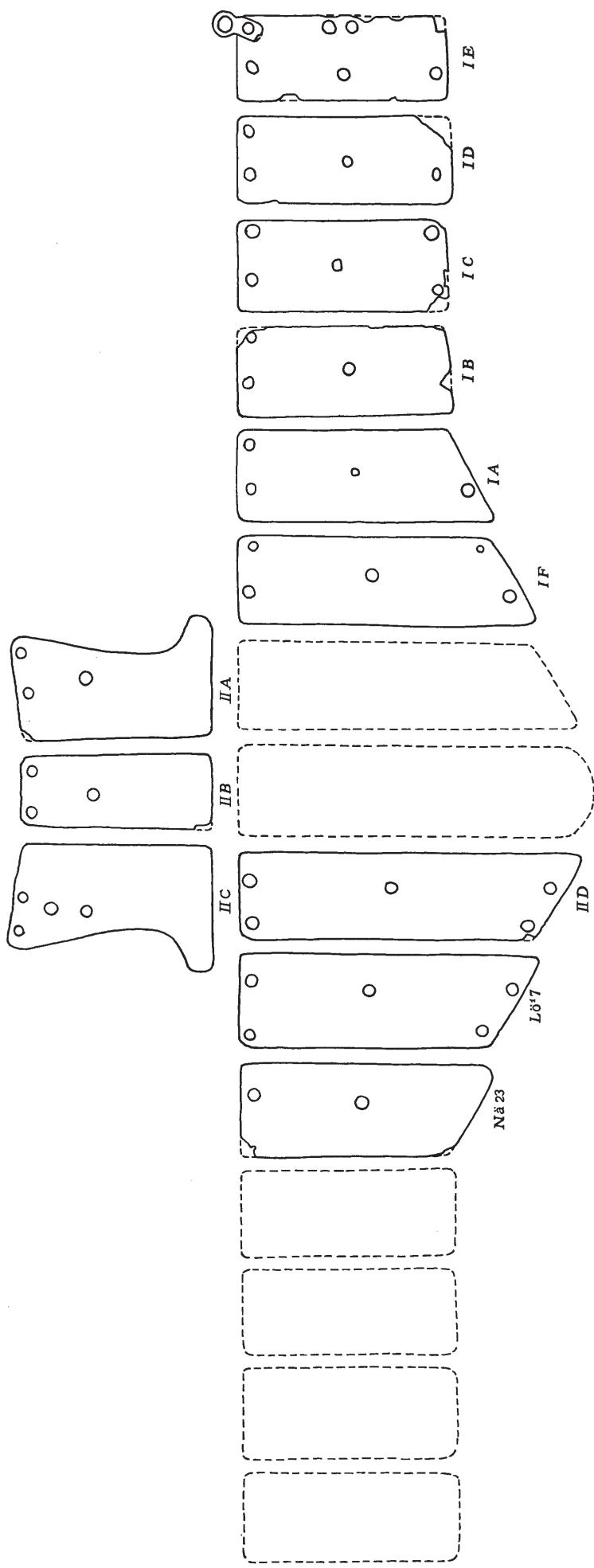
0

1

2

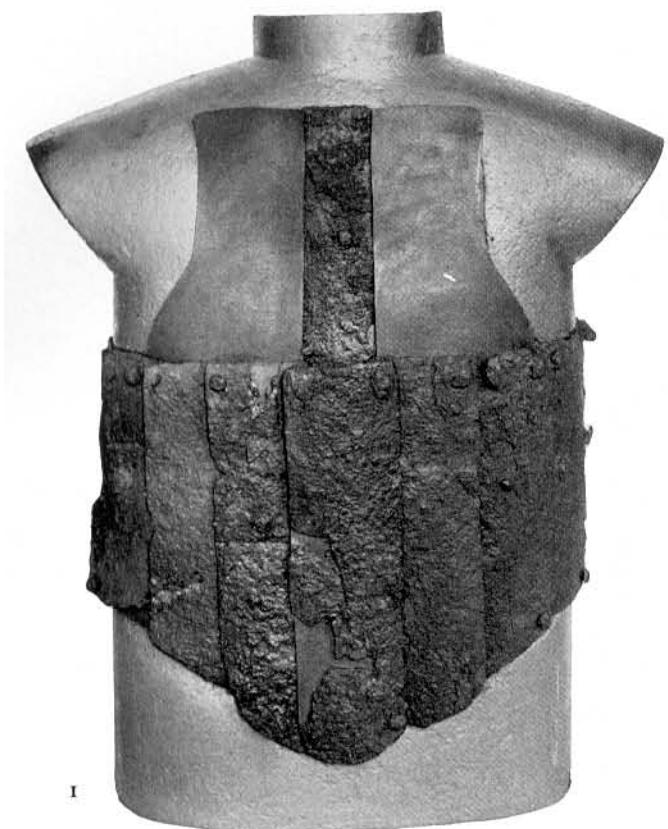
3 DM

2



CM 10 0 1 2 3 DM





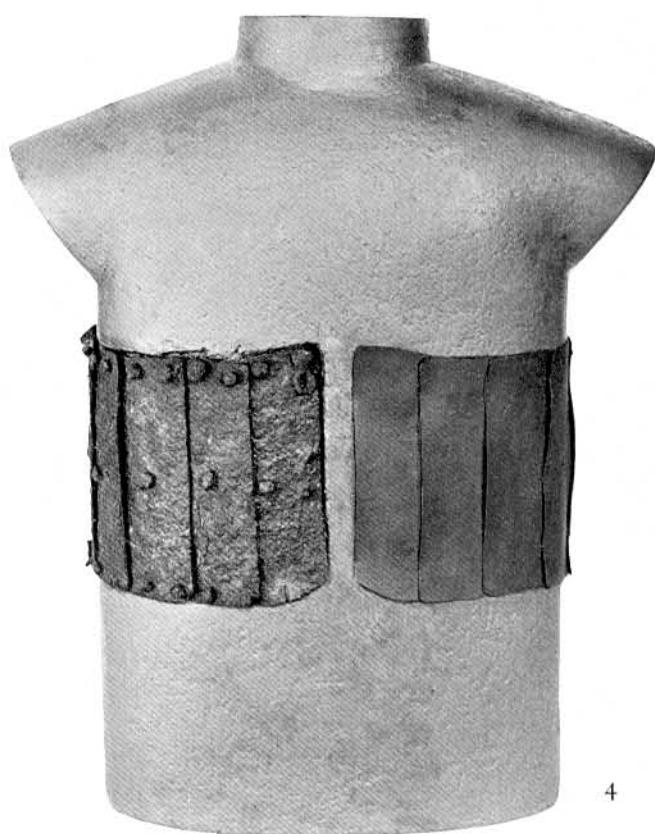
1



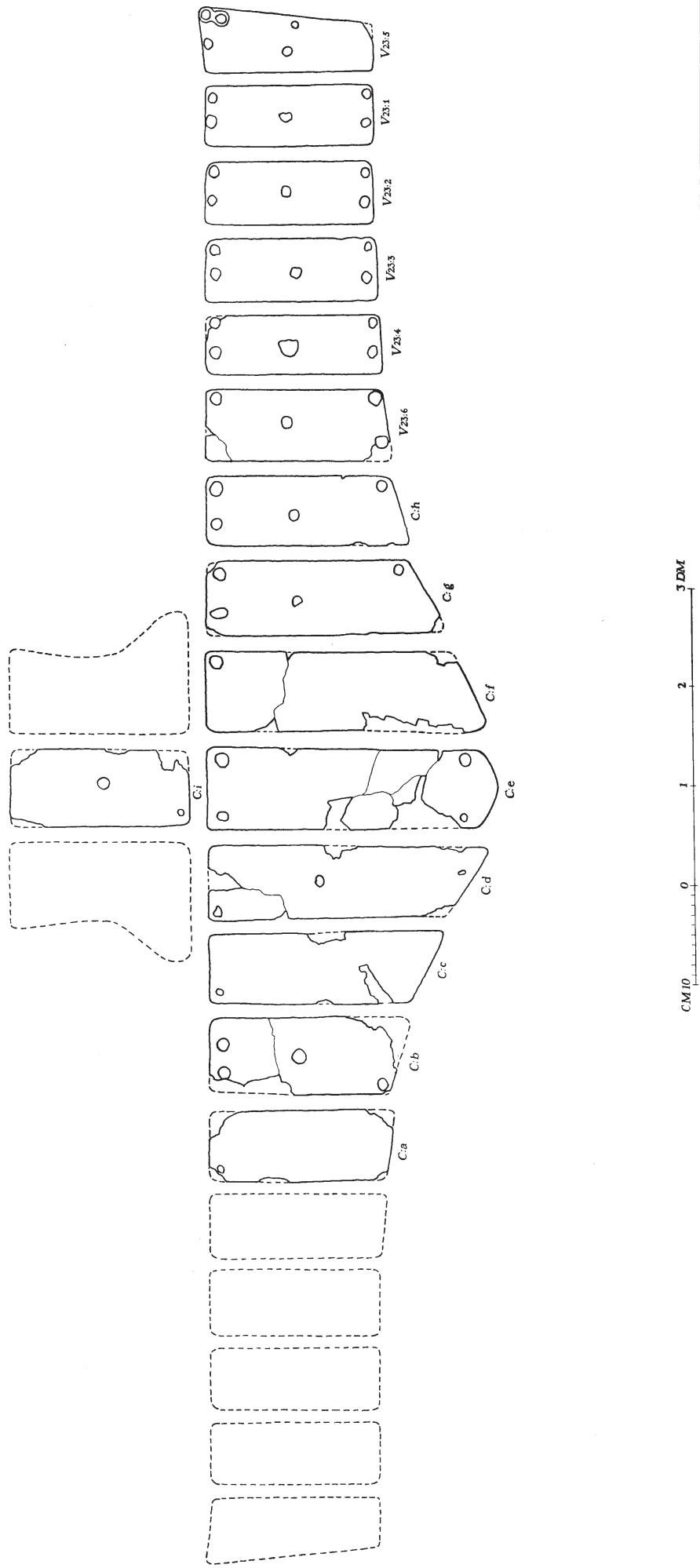
2



3

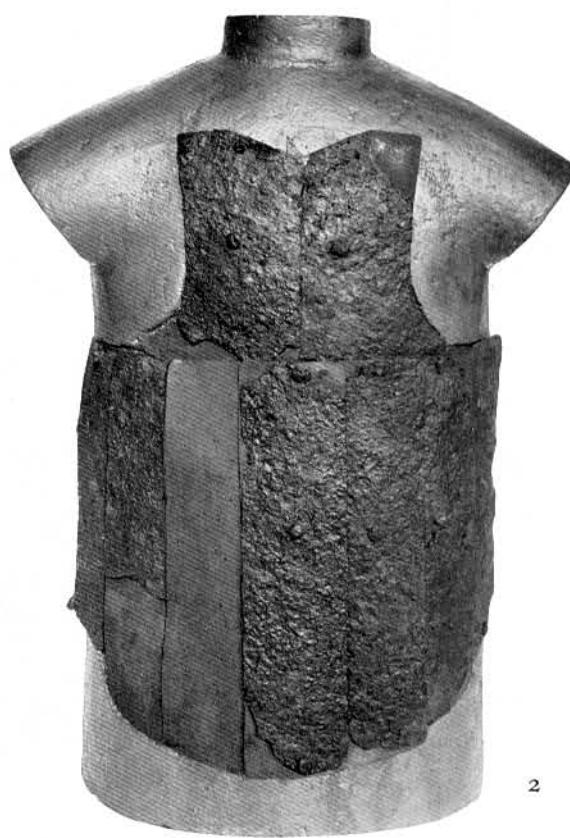


4





I



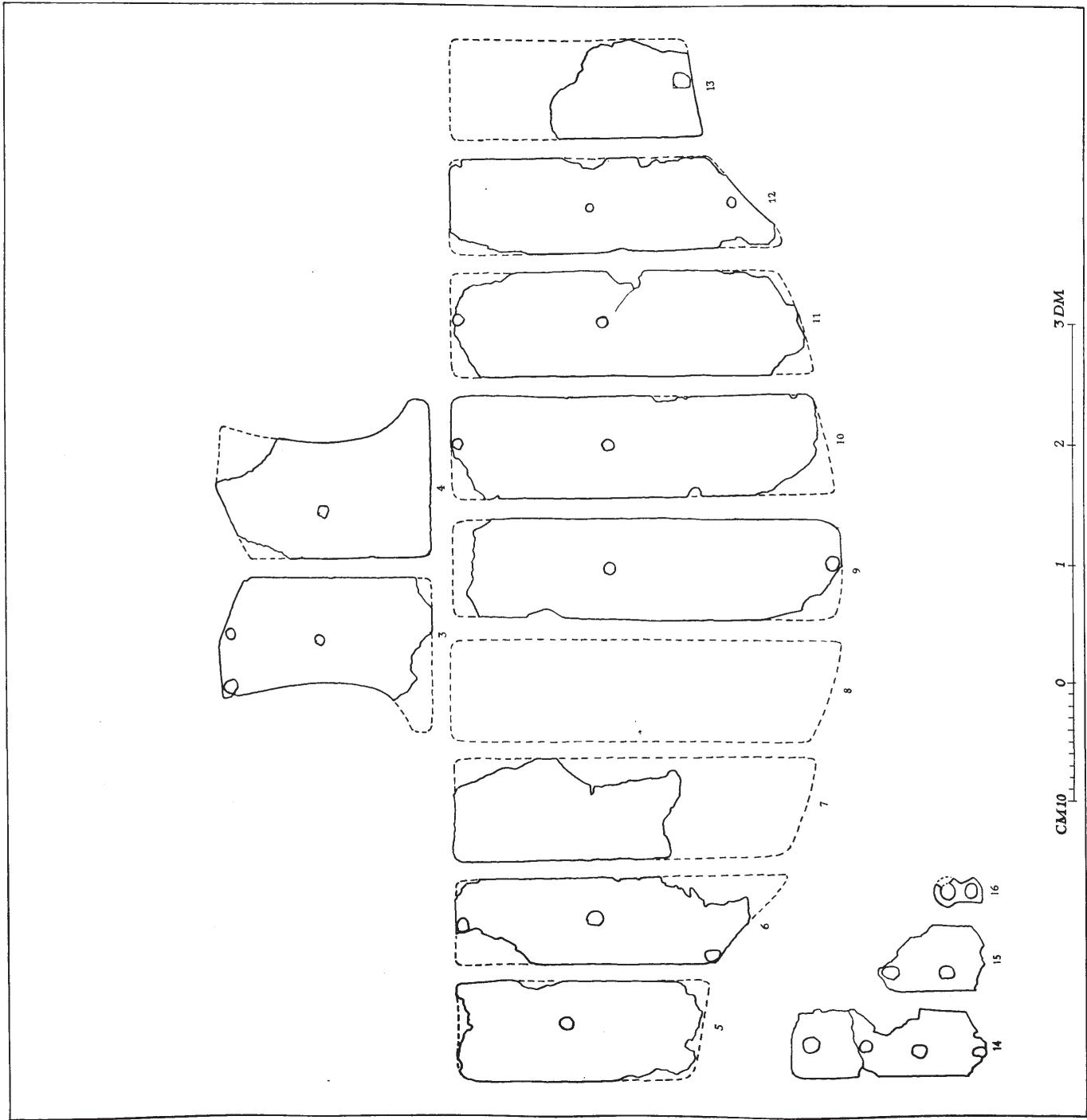
2



3



4





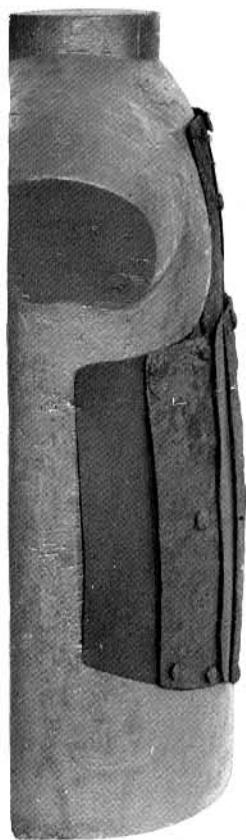
I



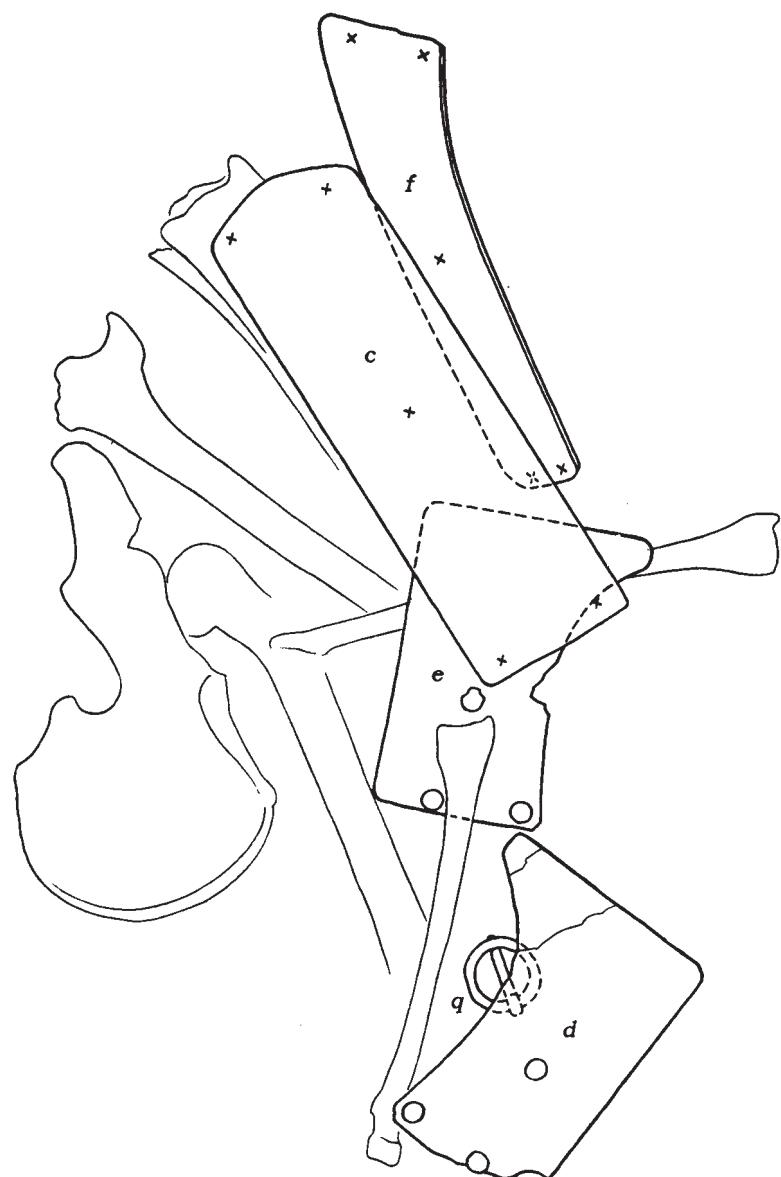
2



3



4



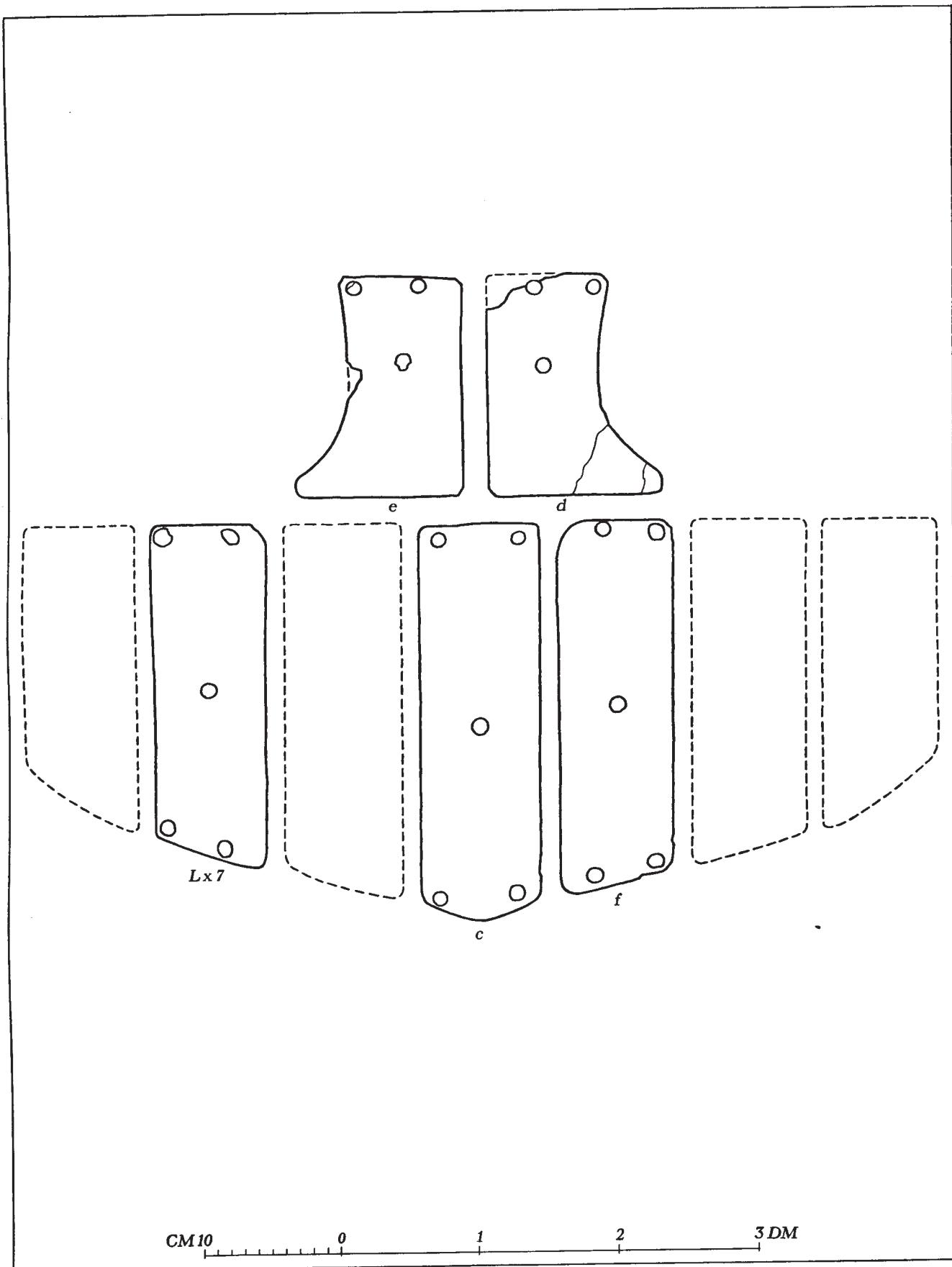
CM 10

0

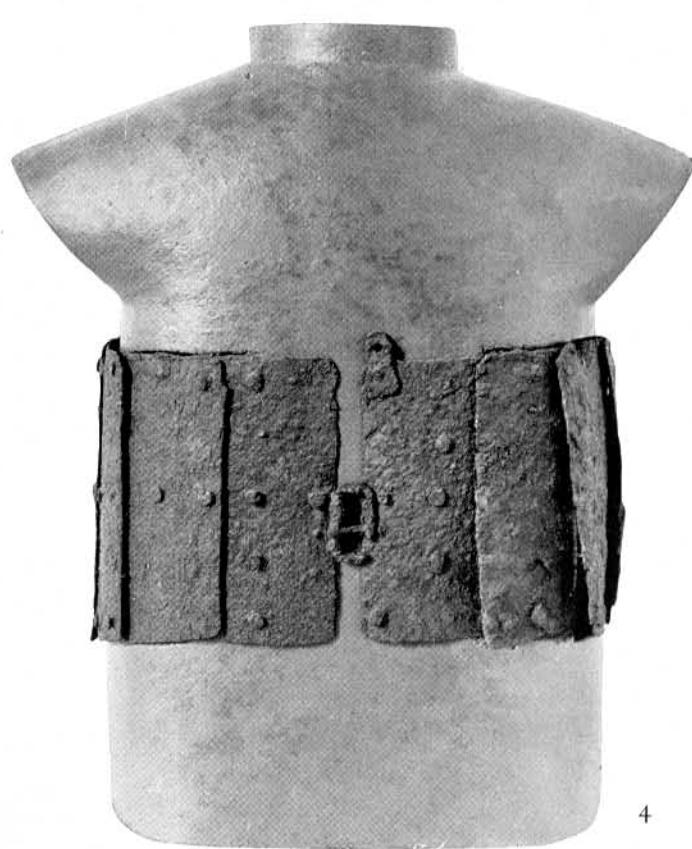
1

2

3 DM









I



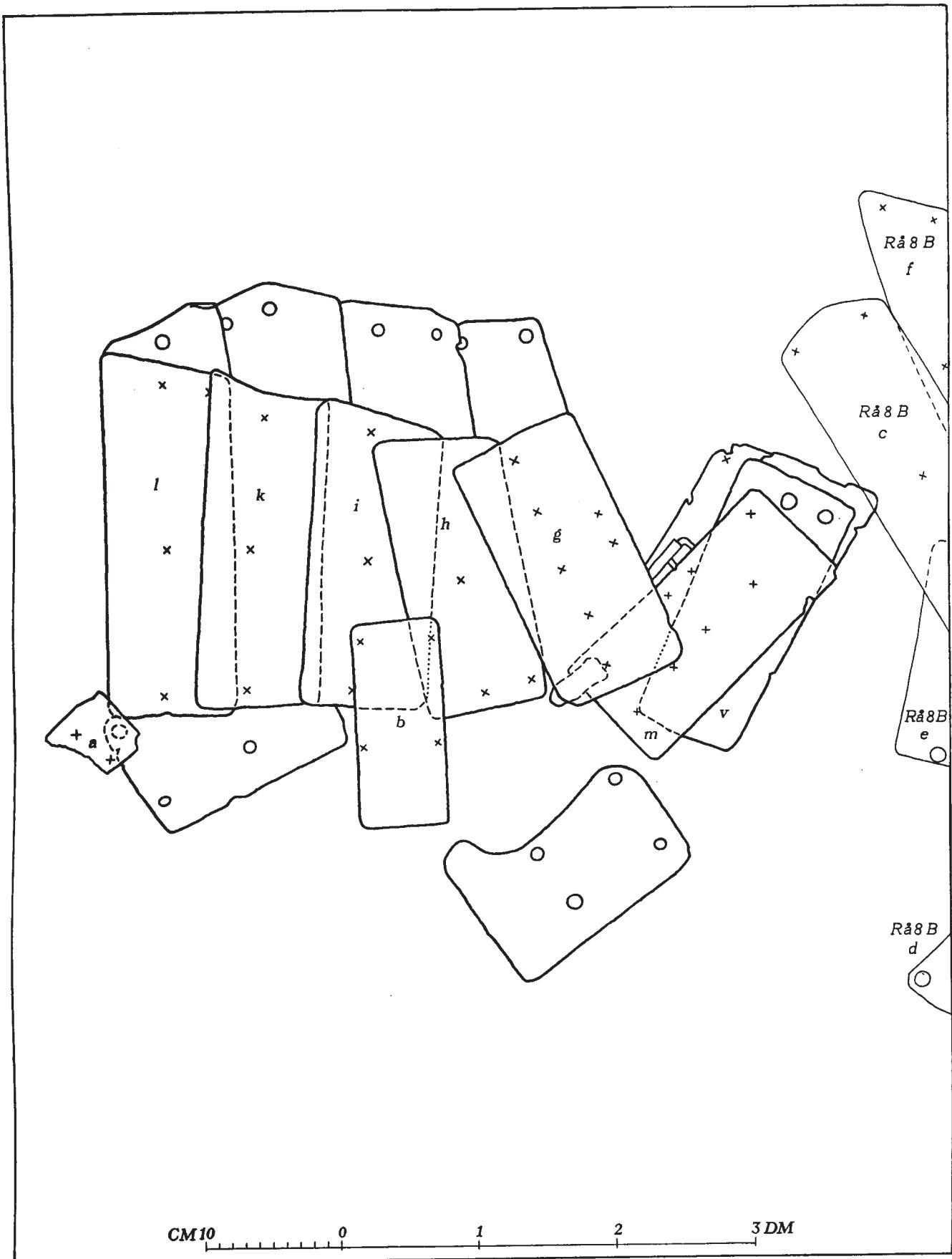
2

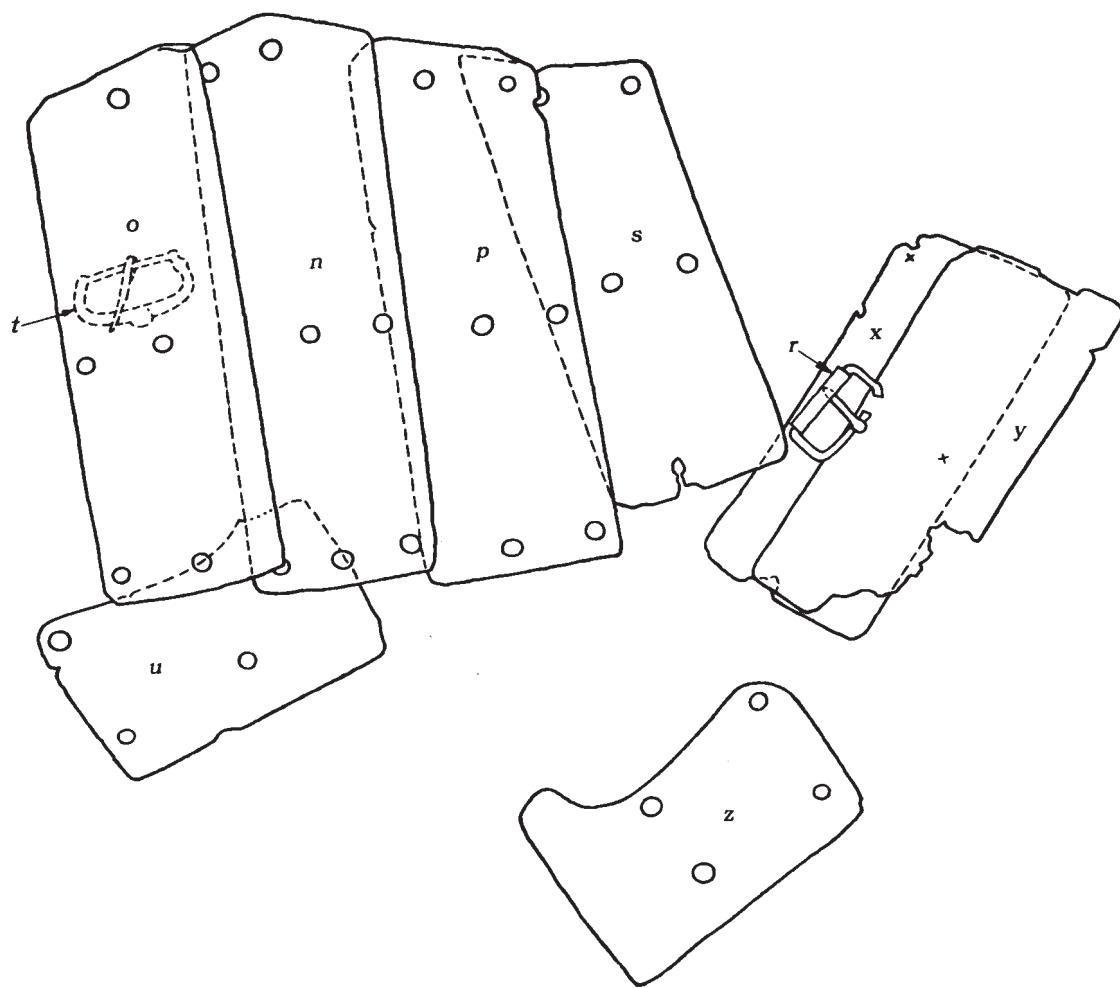


1

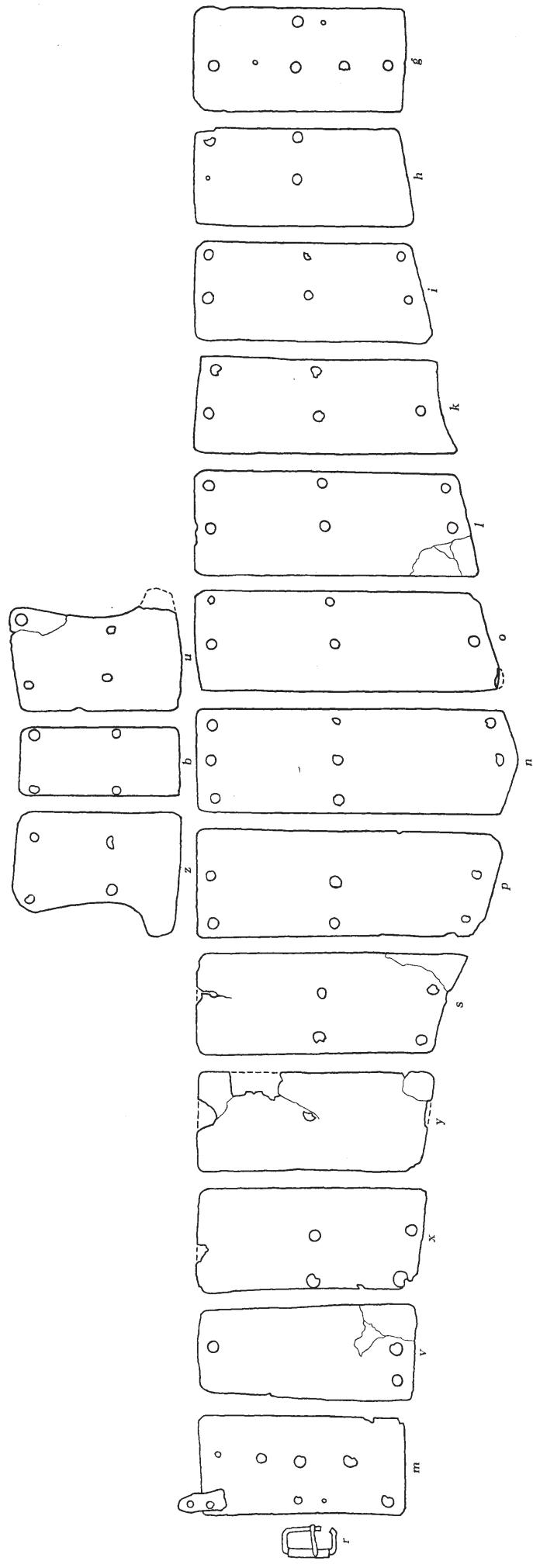


2

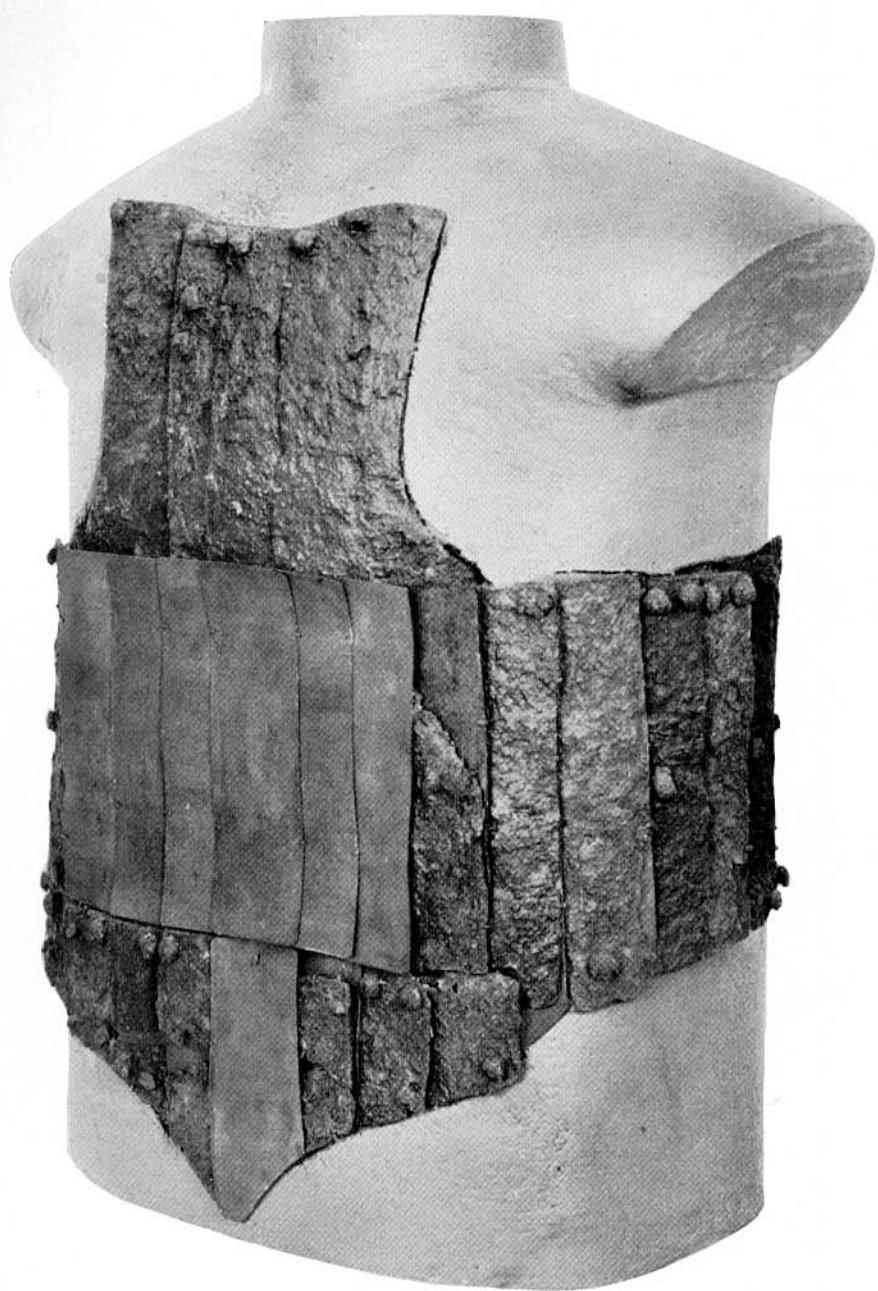


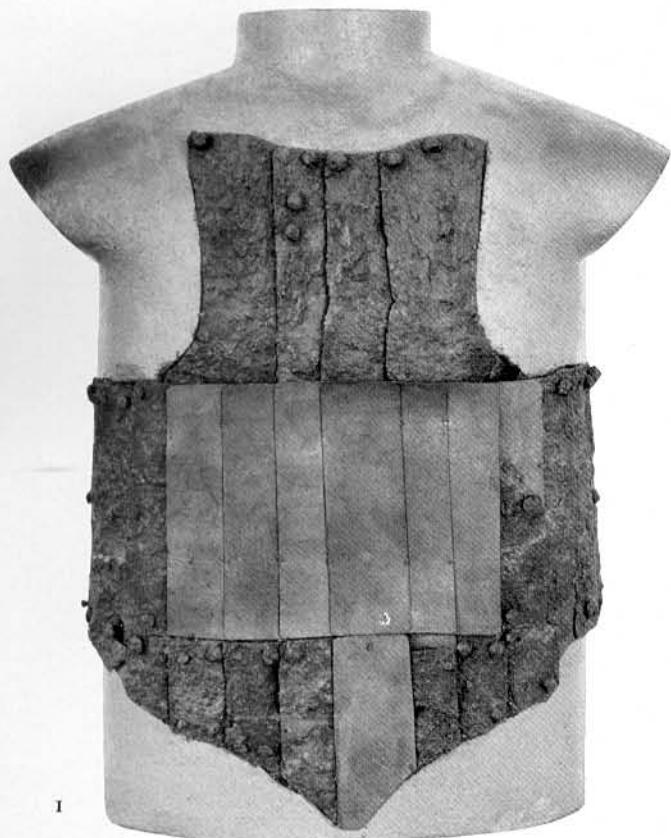


CM 10 0 1 2 3 DM



CM 10
0 1 2 3 DM





1



2



3



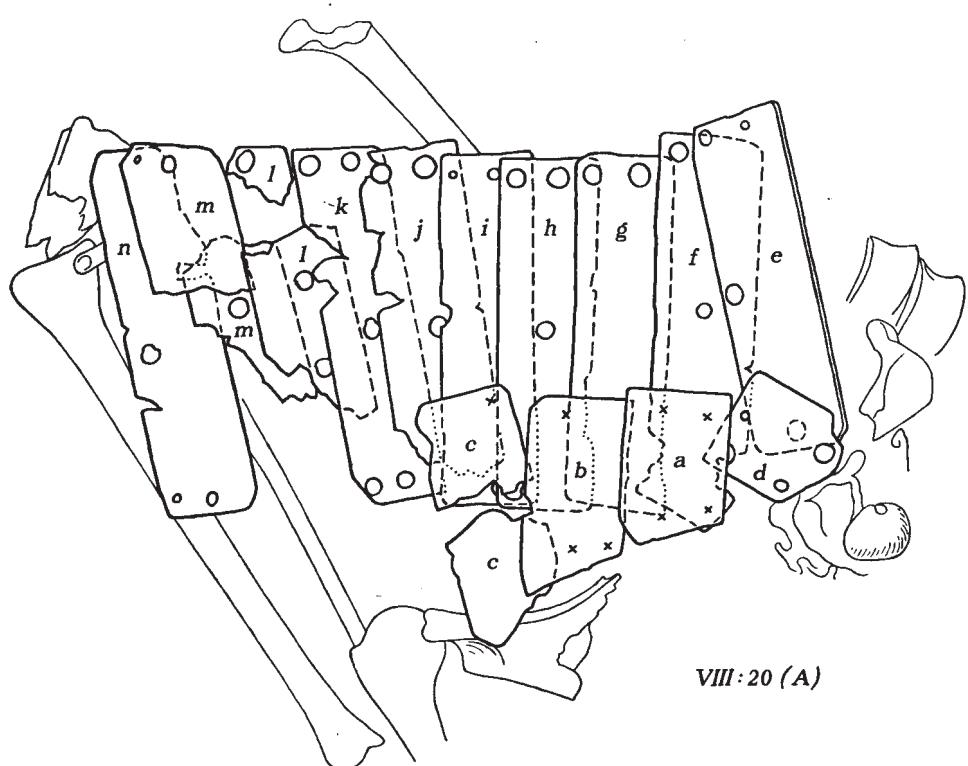
4



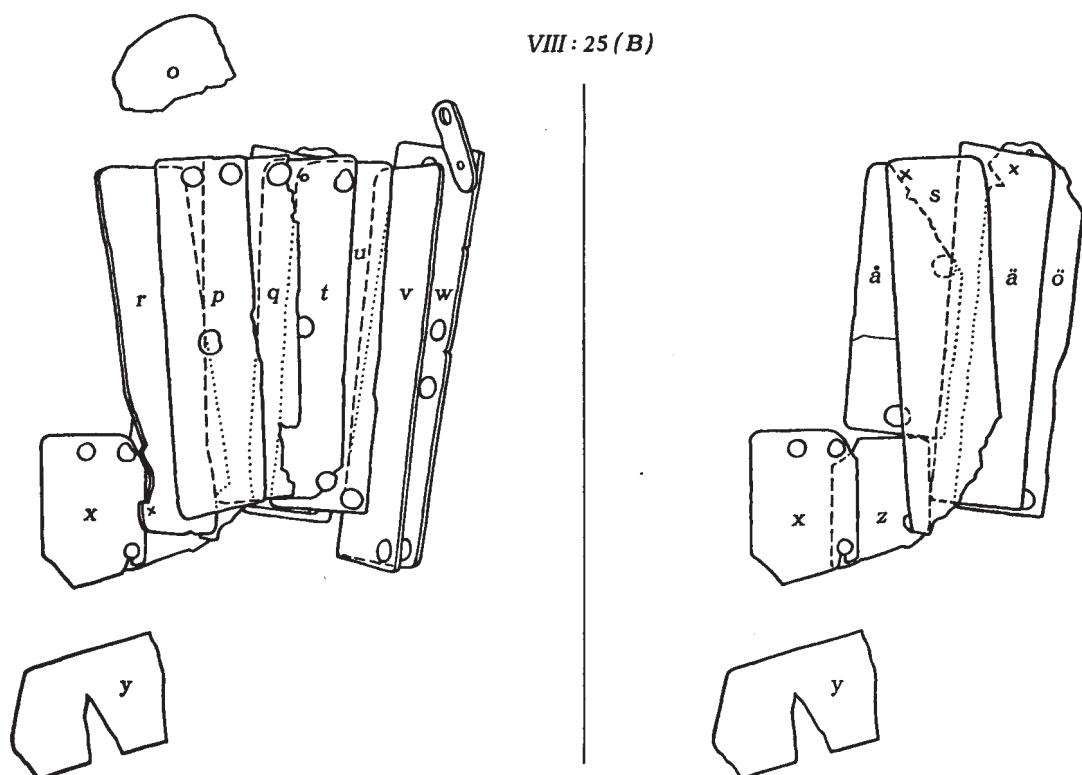
I



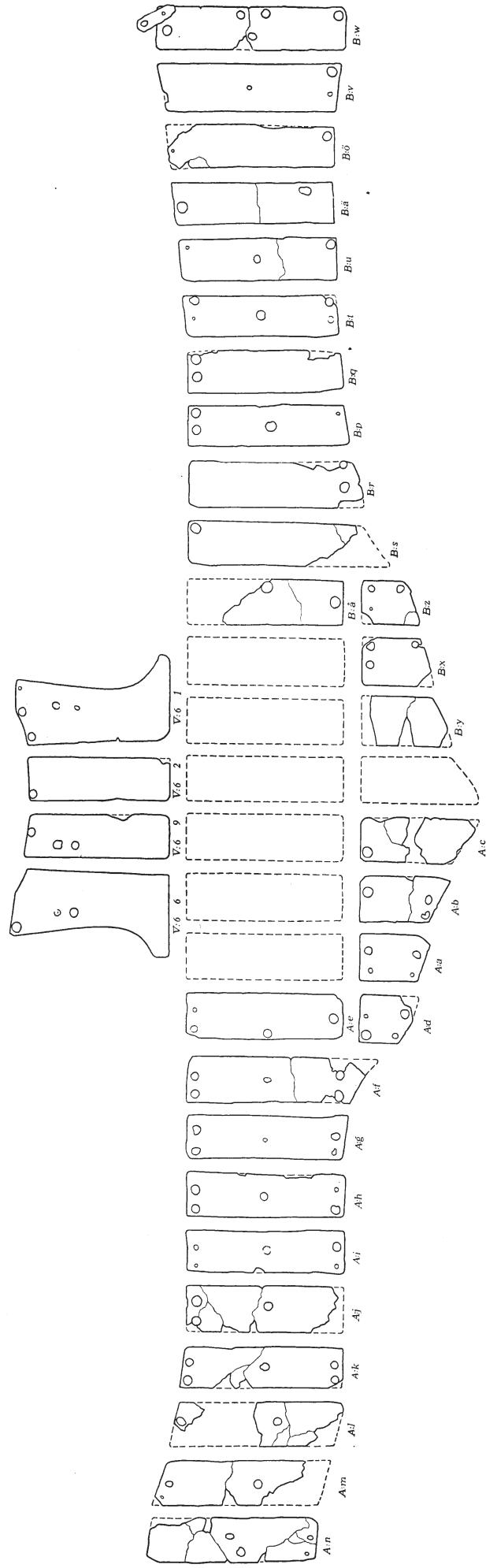
2



I

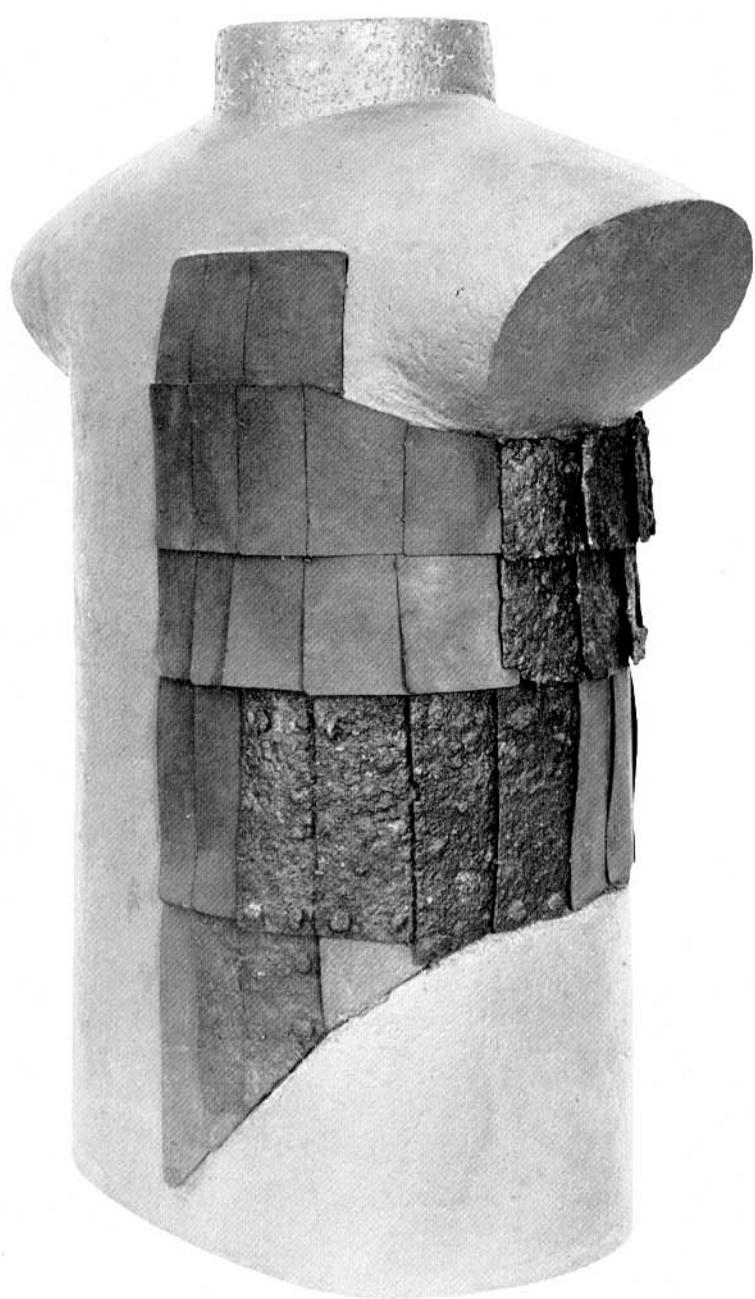


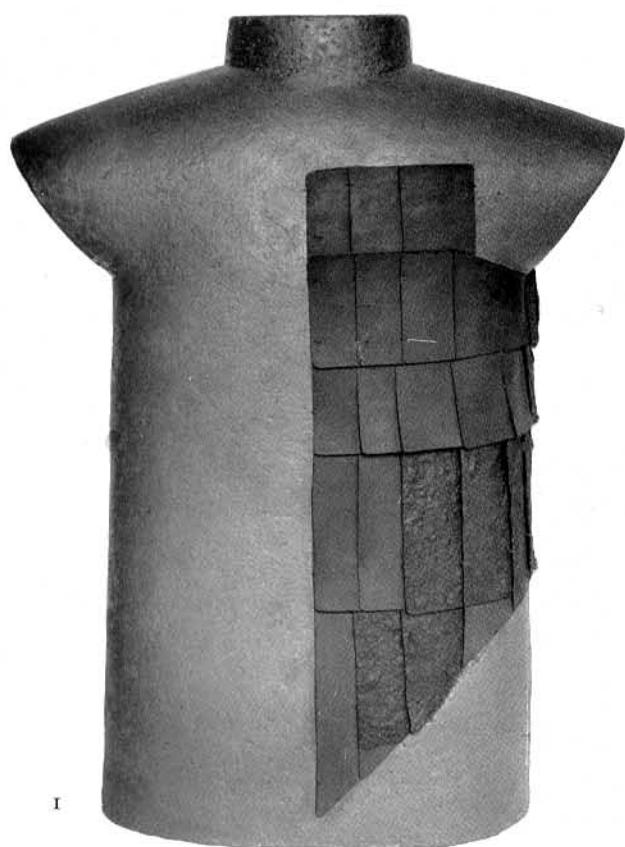
3



CM 10 9 8 7 6 5 4 3 2 1 0

3 DM

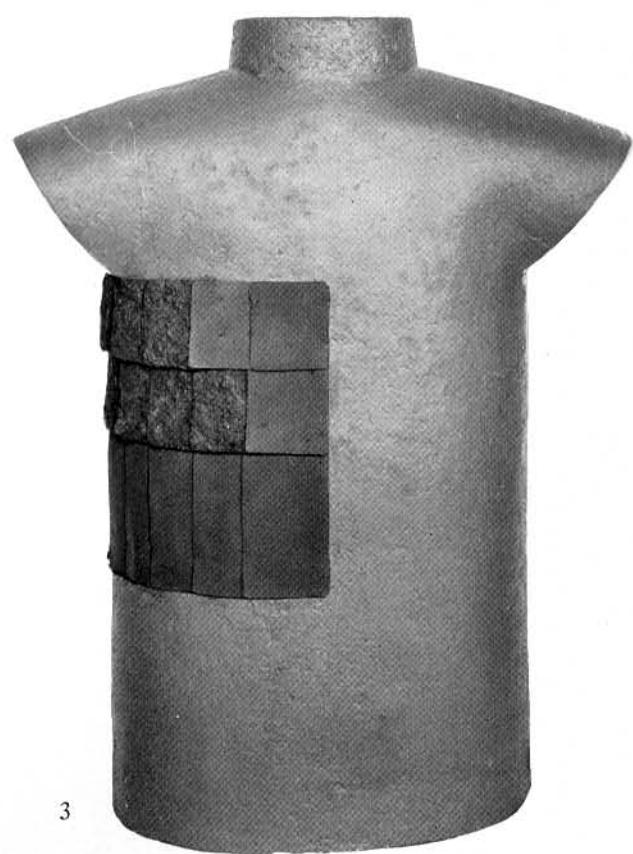




1



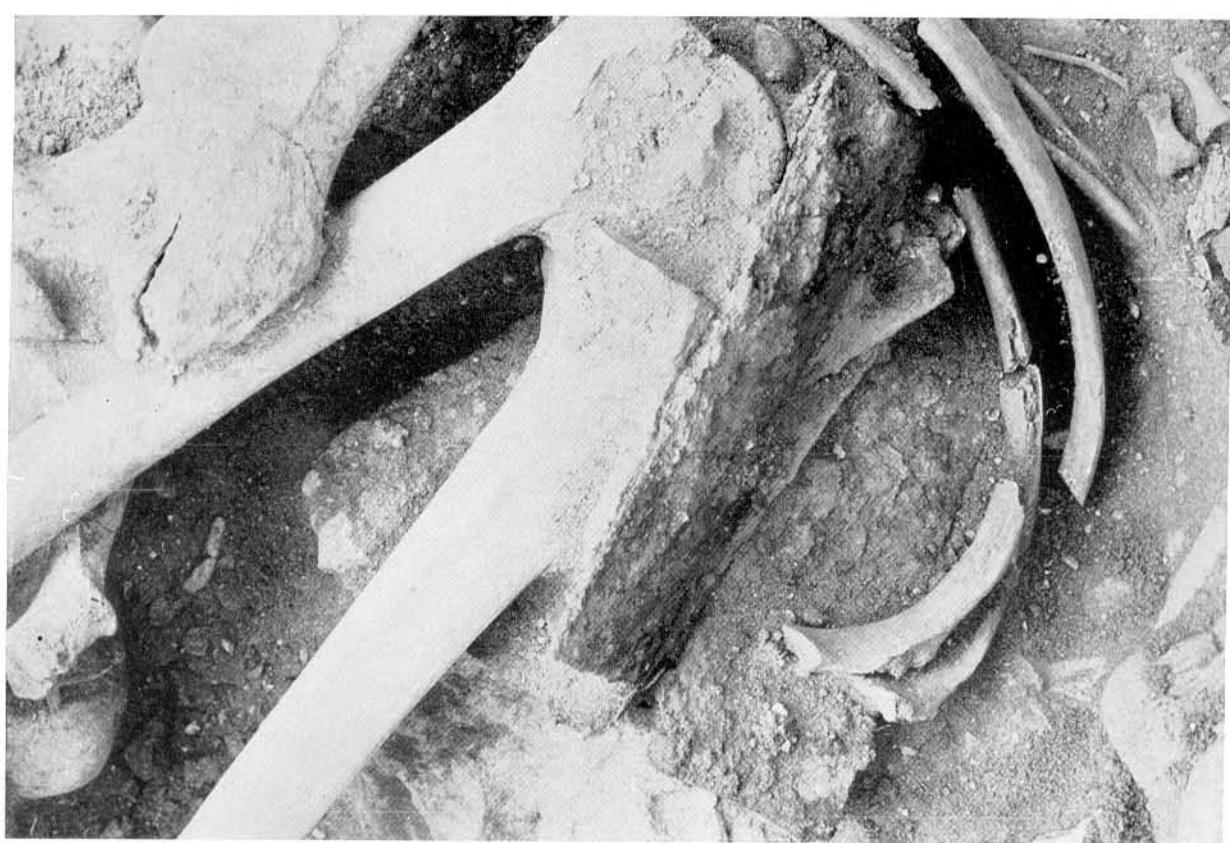
2



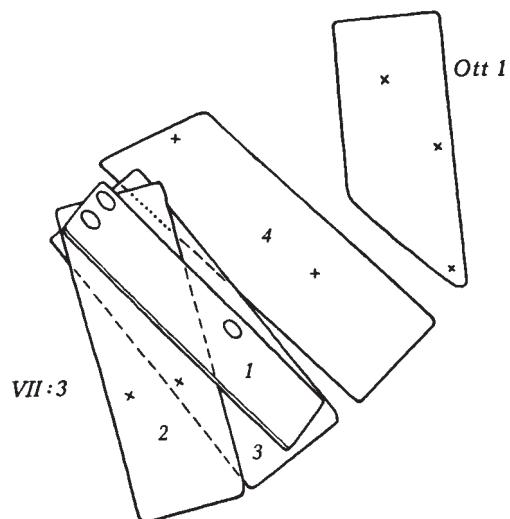
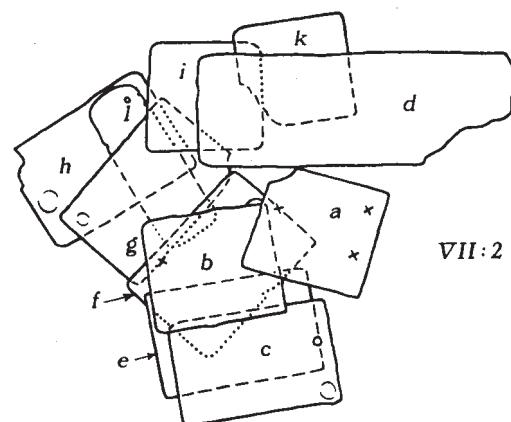
3



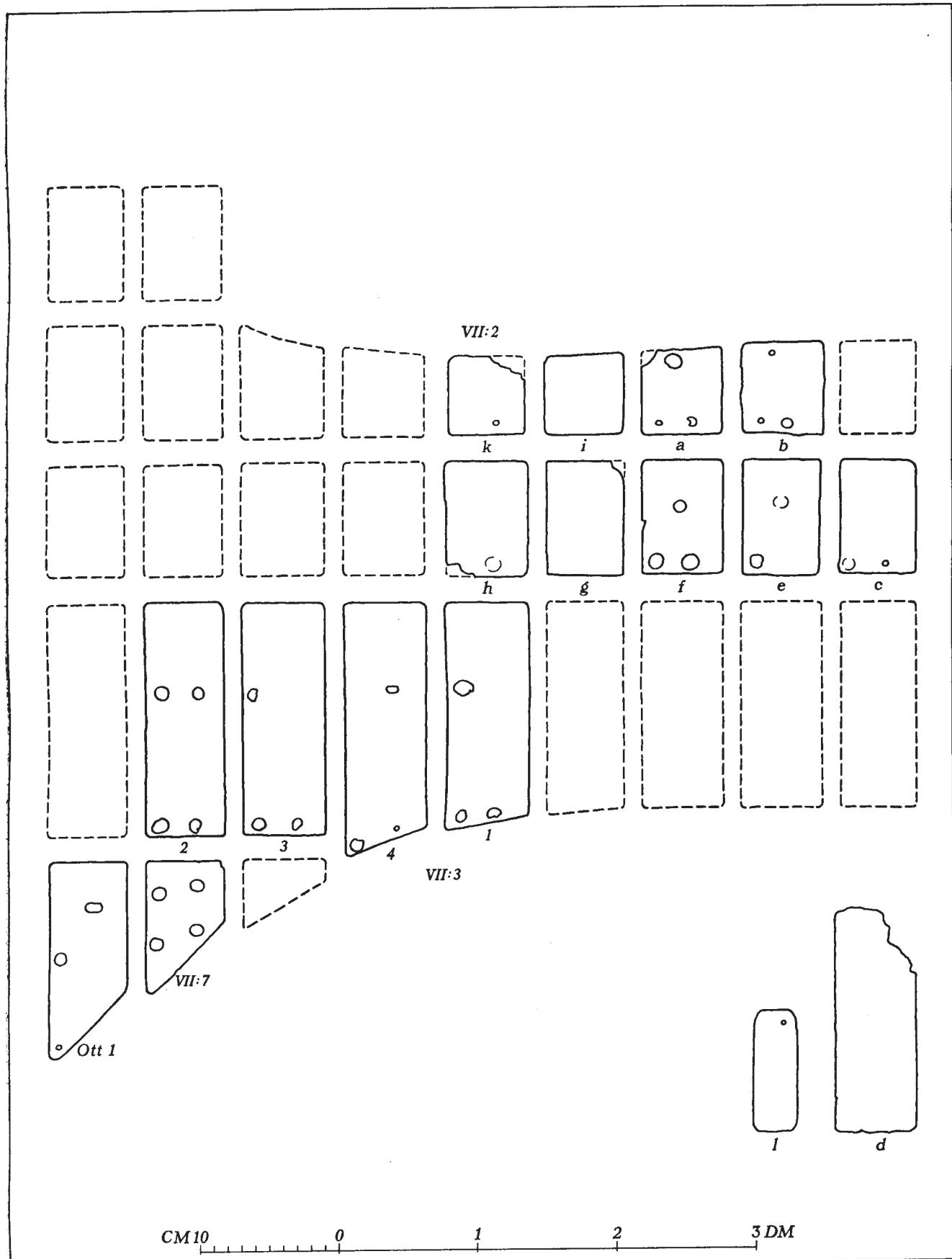
I

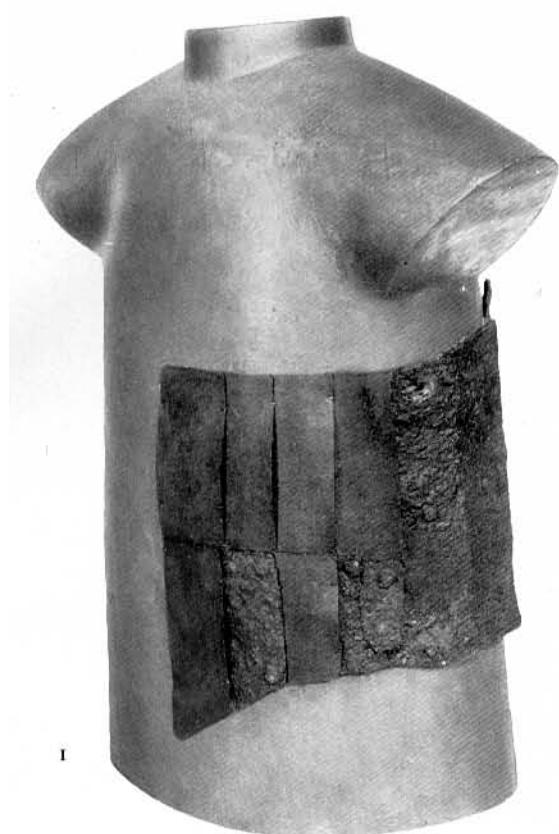


2

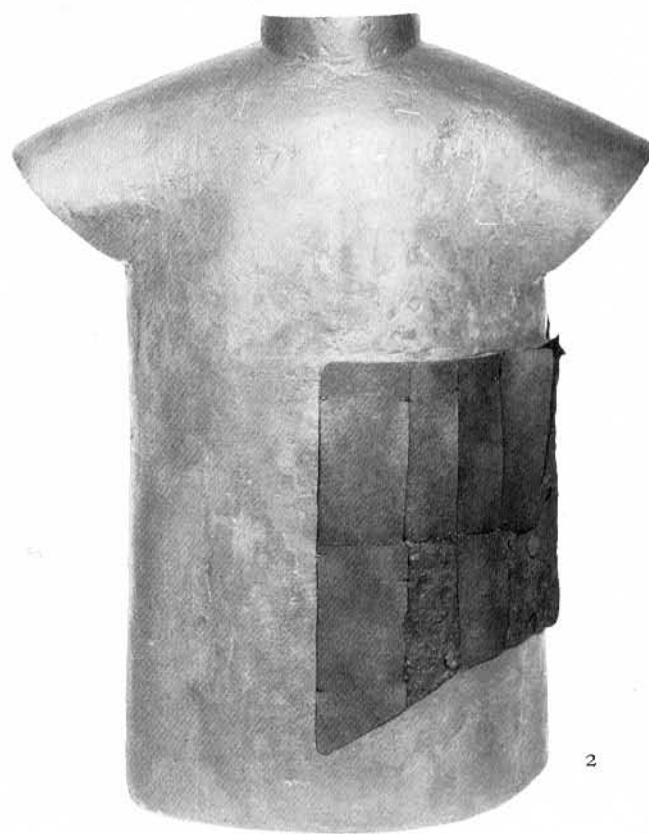


CM 10 0 1 2 3 DM





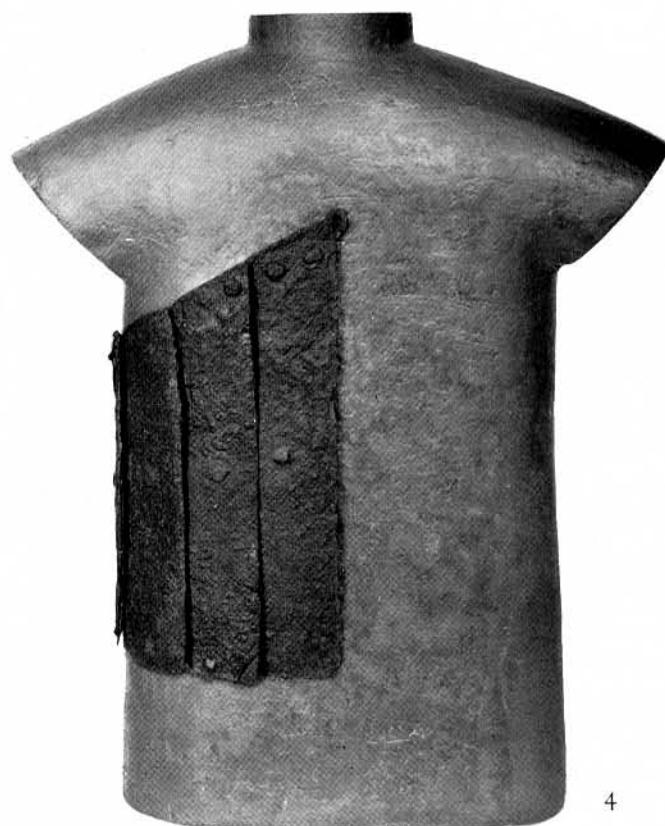
1



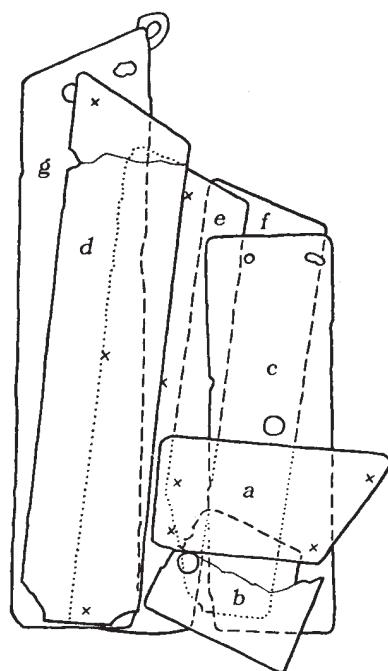
2



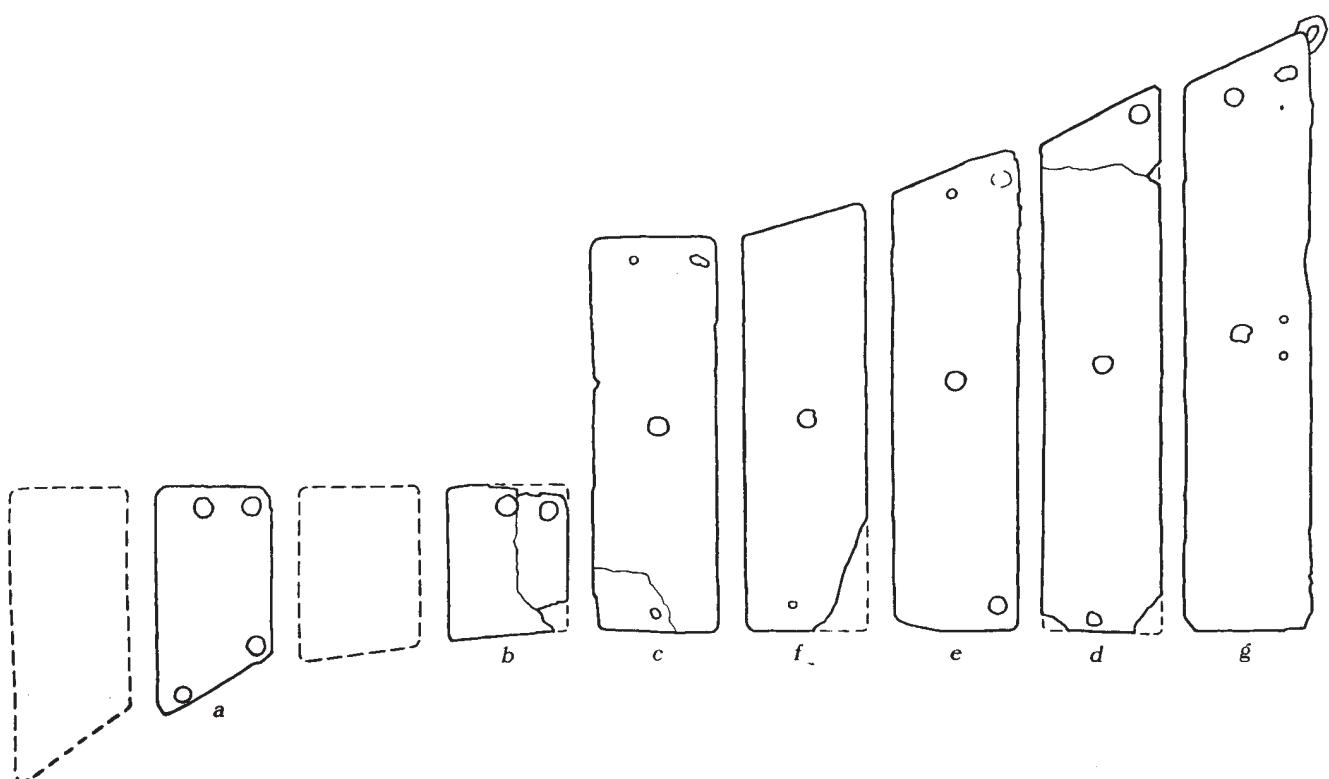
3



4



I



CM 10

0

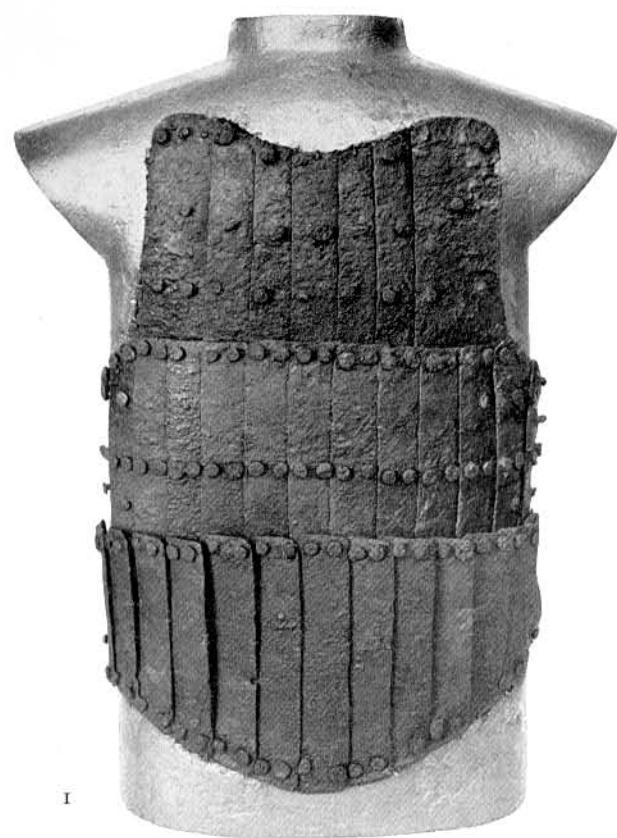
1

2

3 DM

2





I



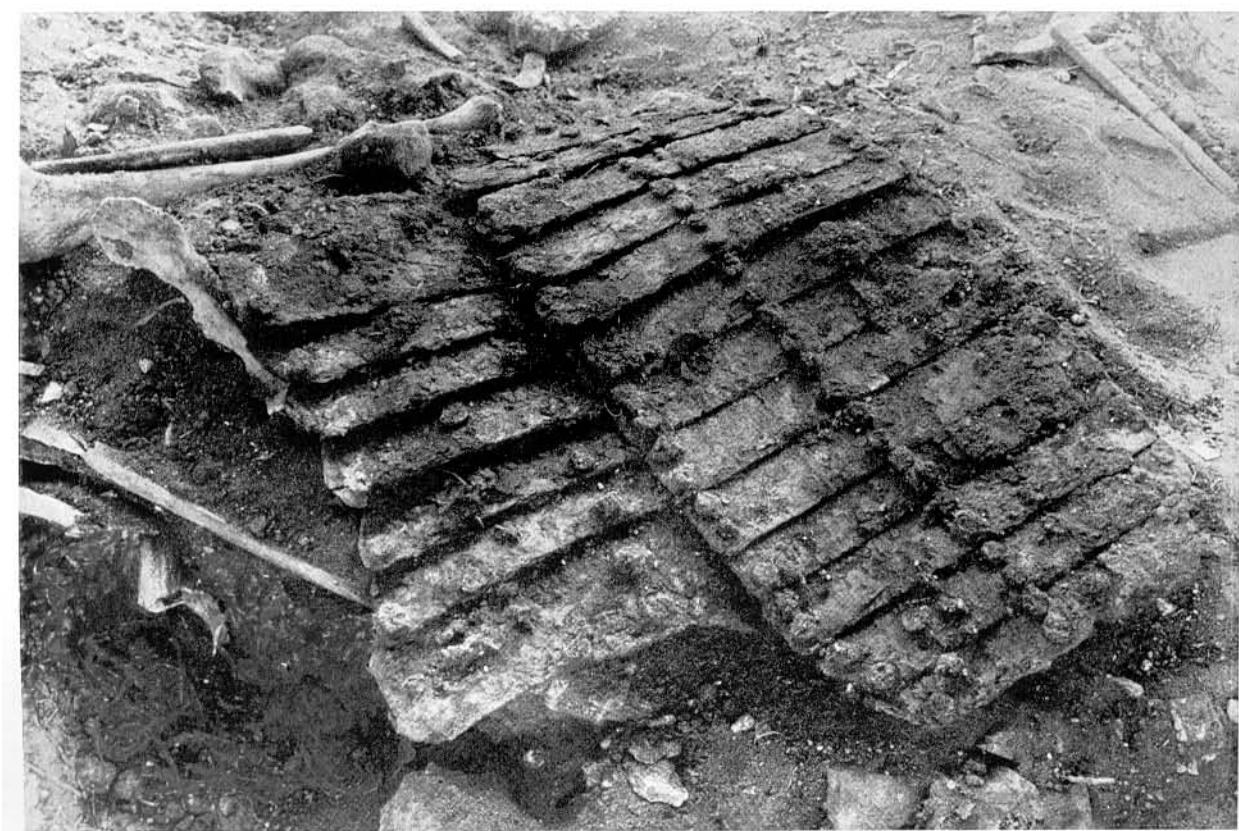
2



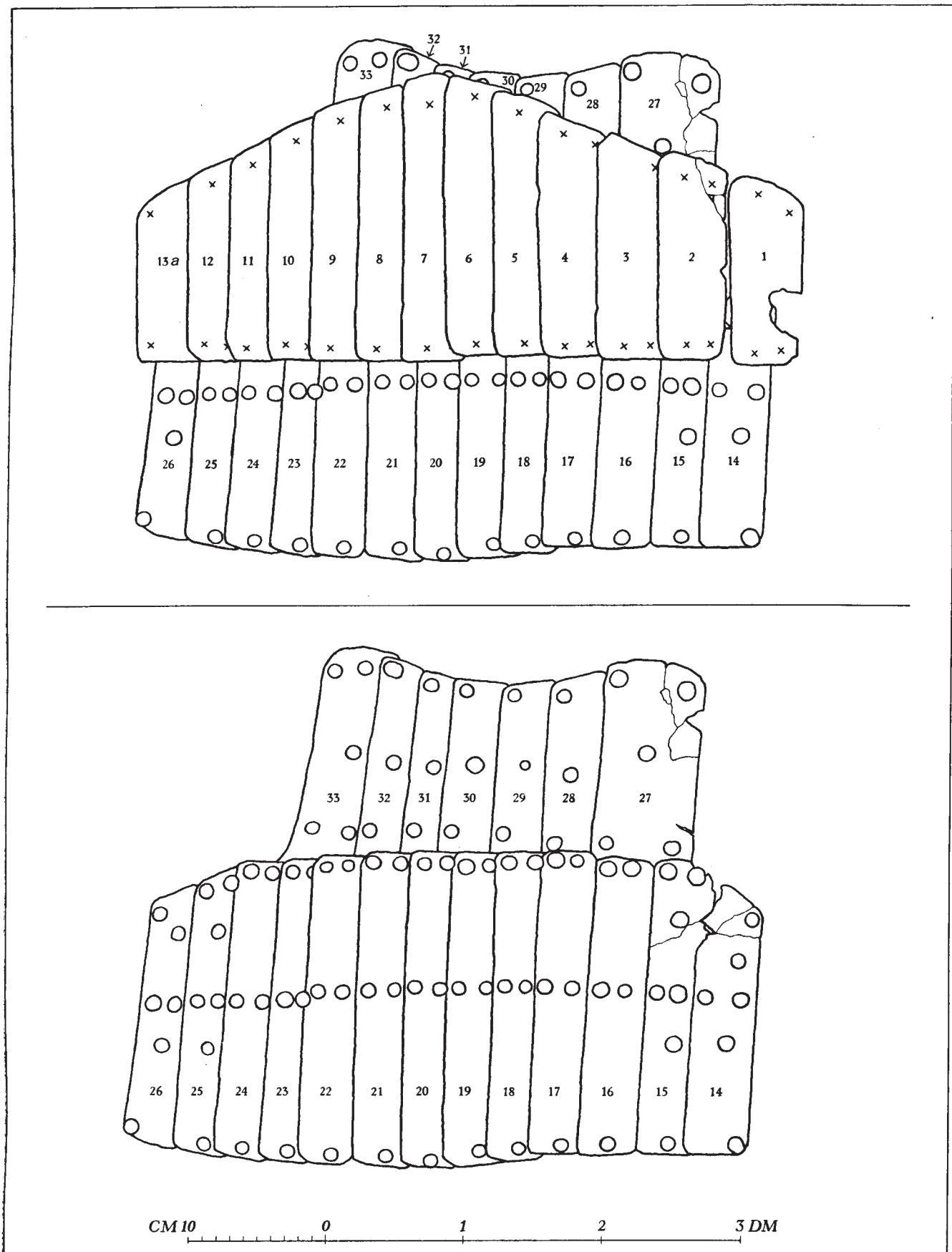
3

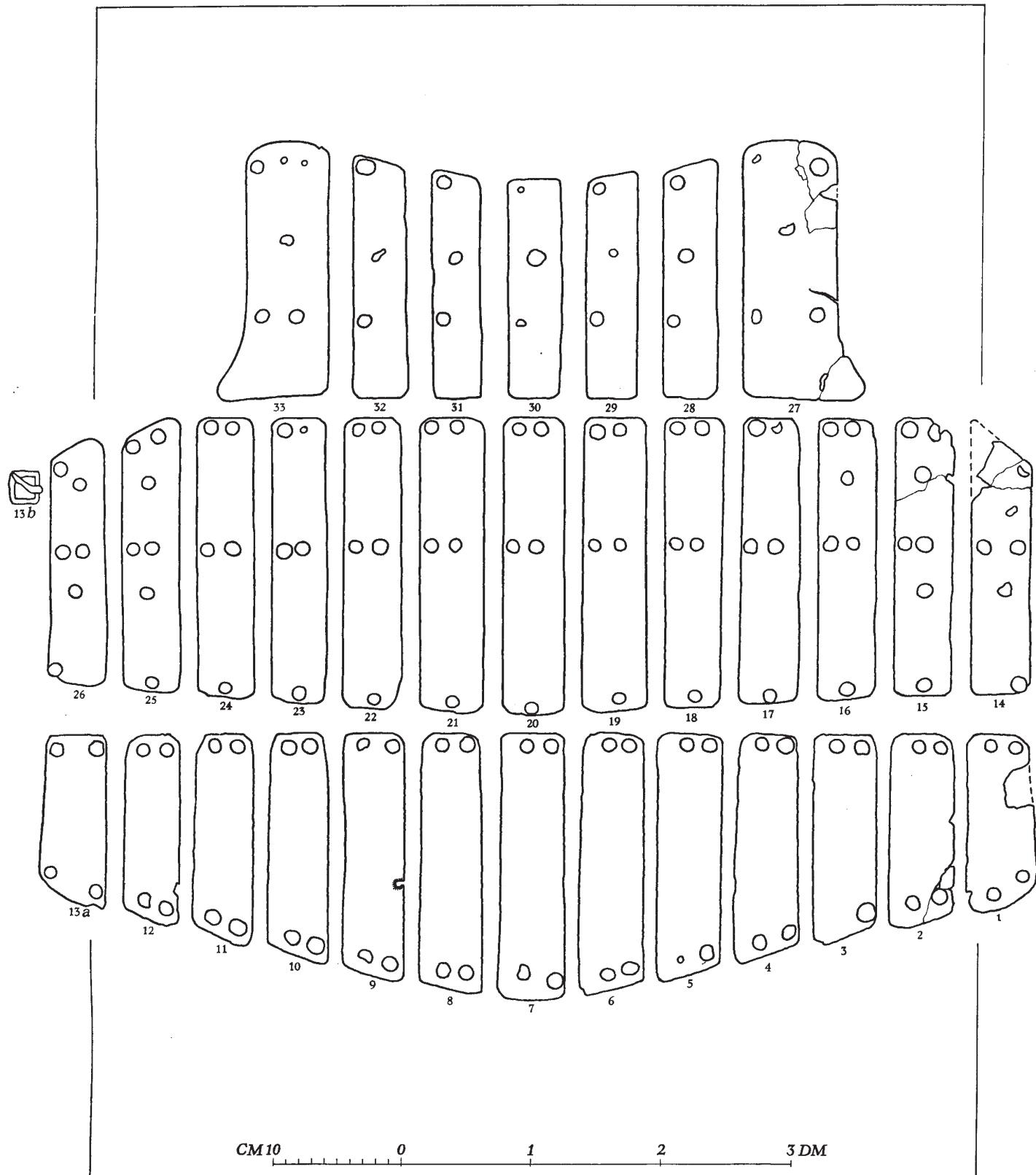


I



2









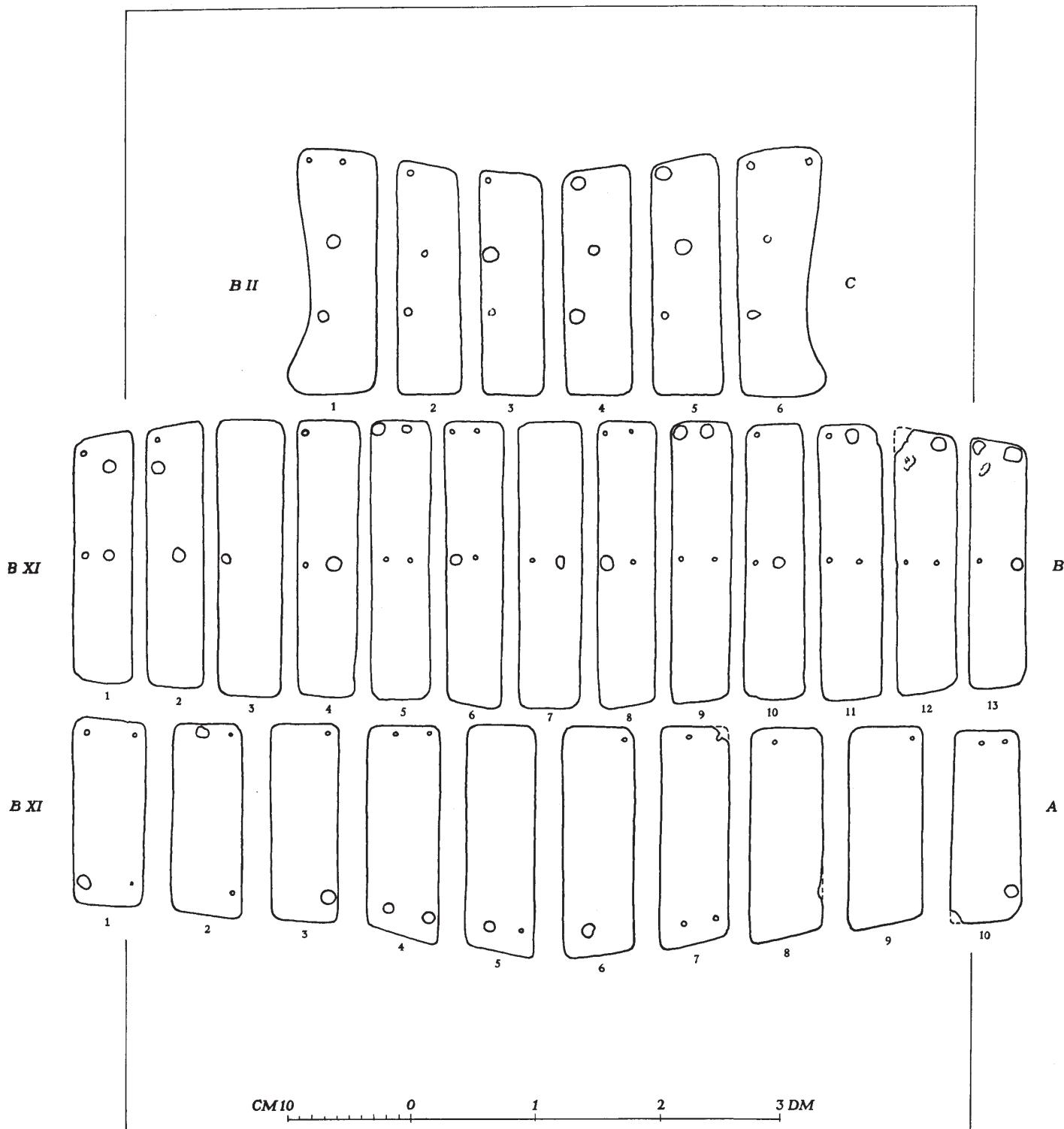
I



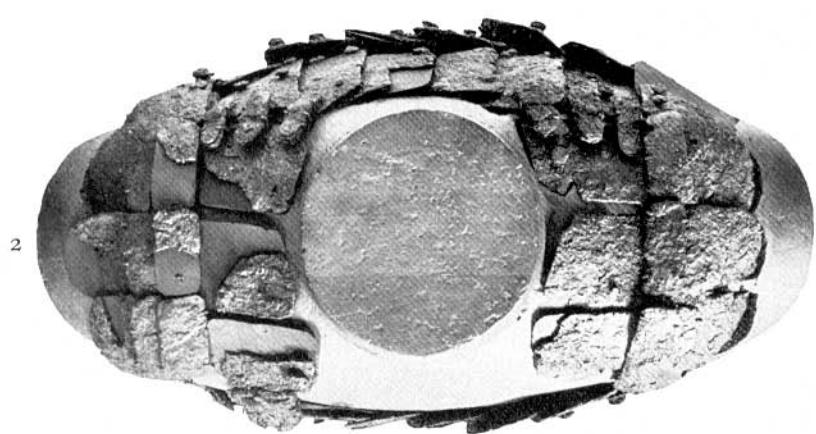
2



3









1



2



3



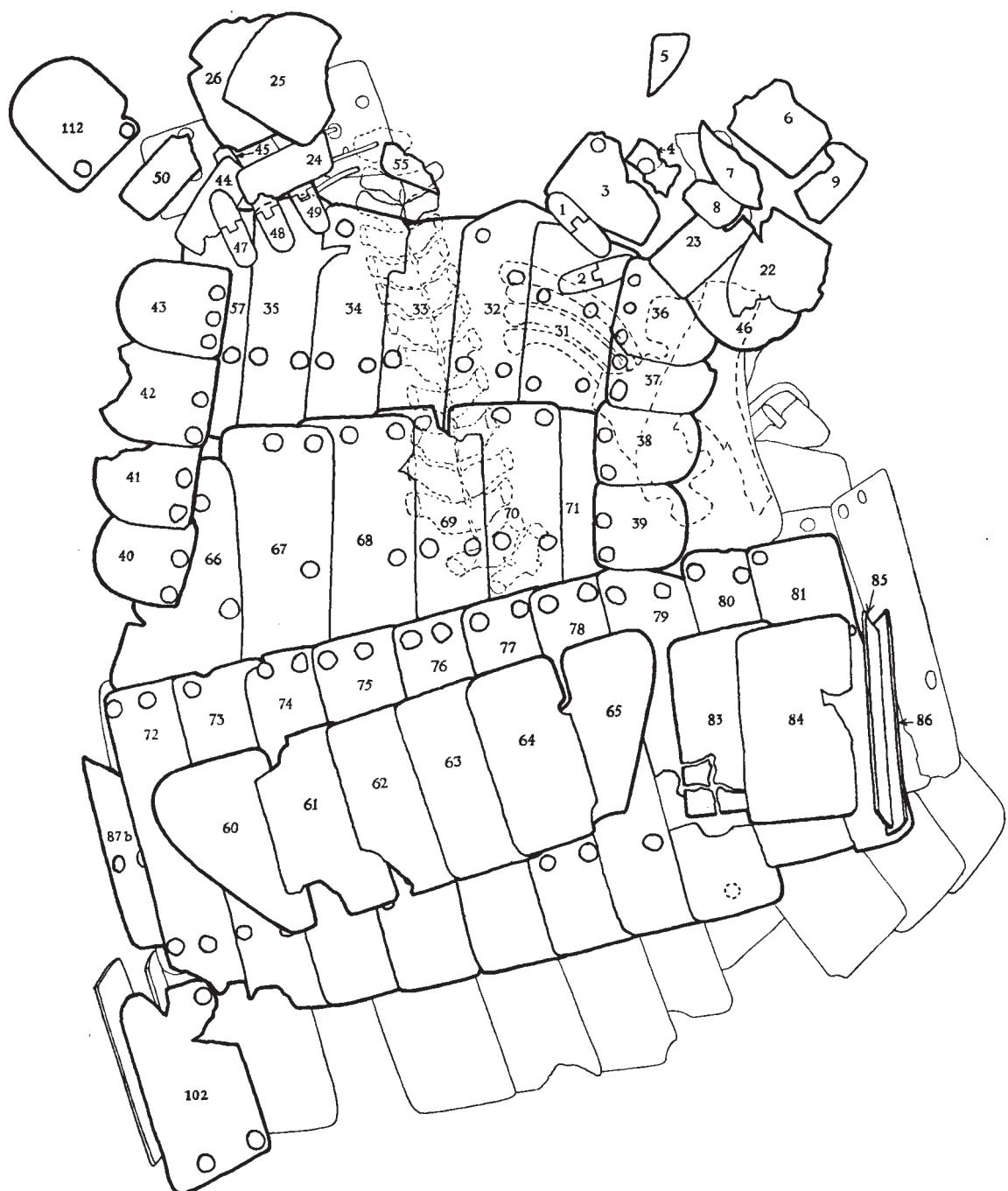
4











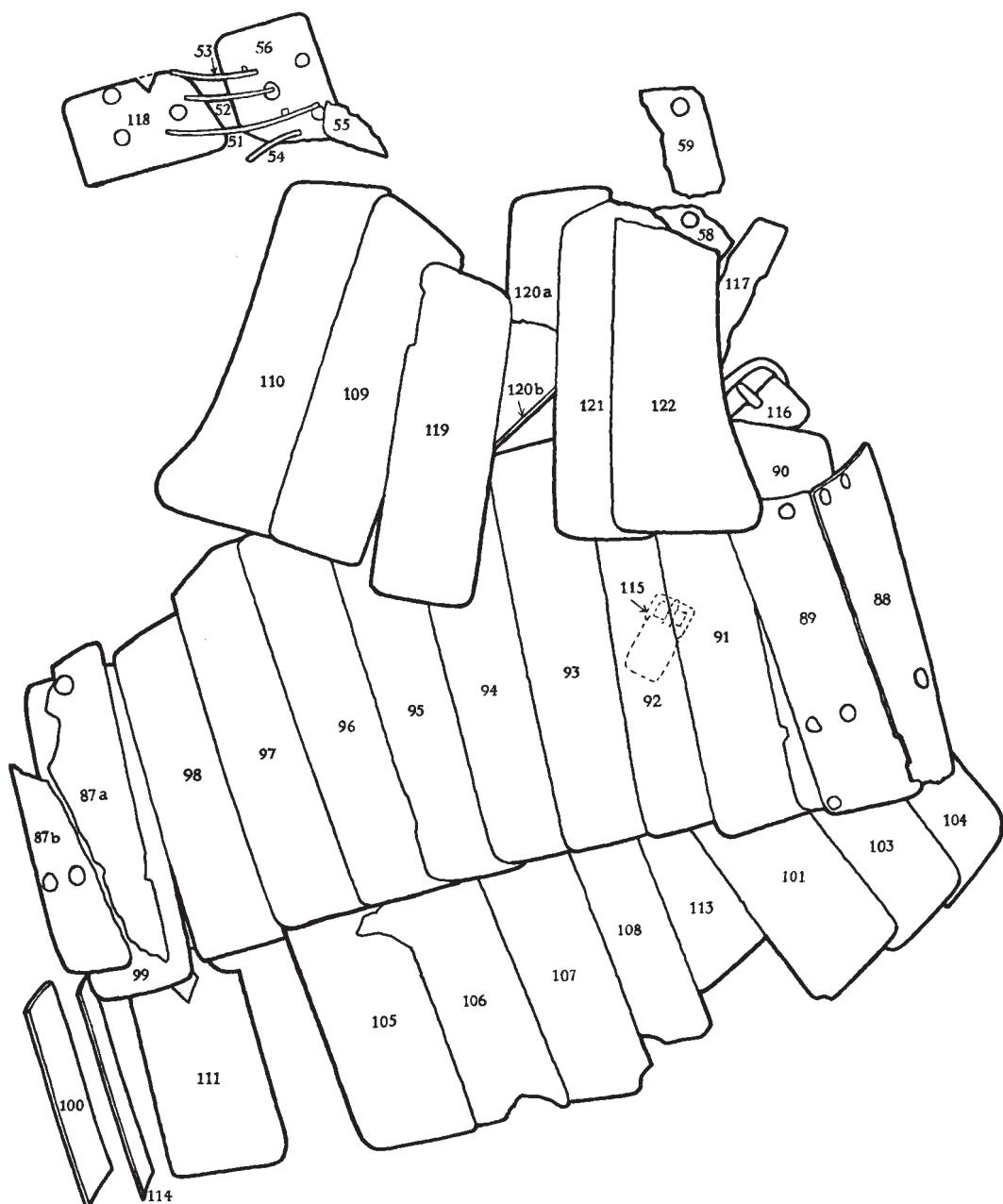
CM 10

0

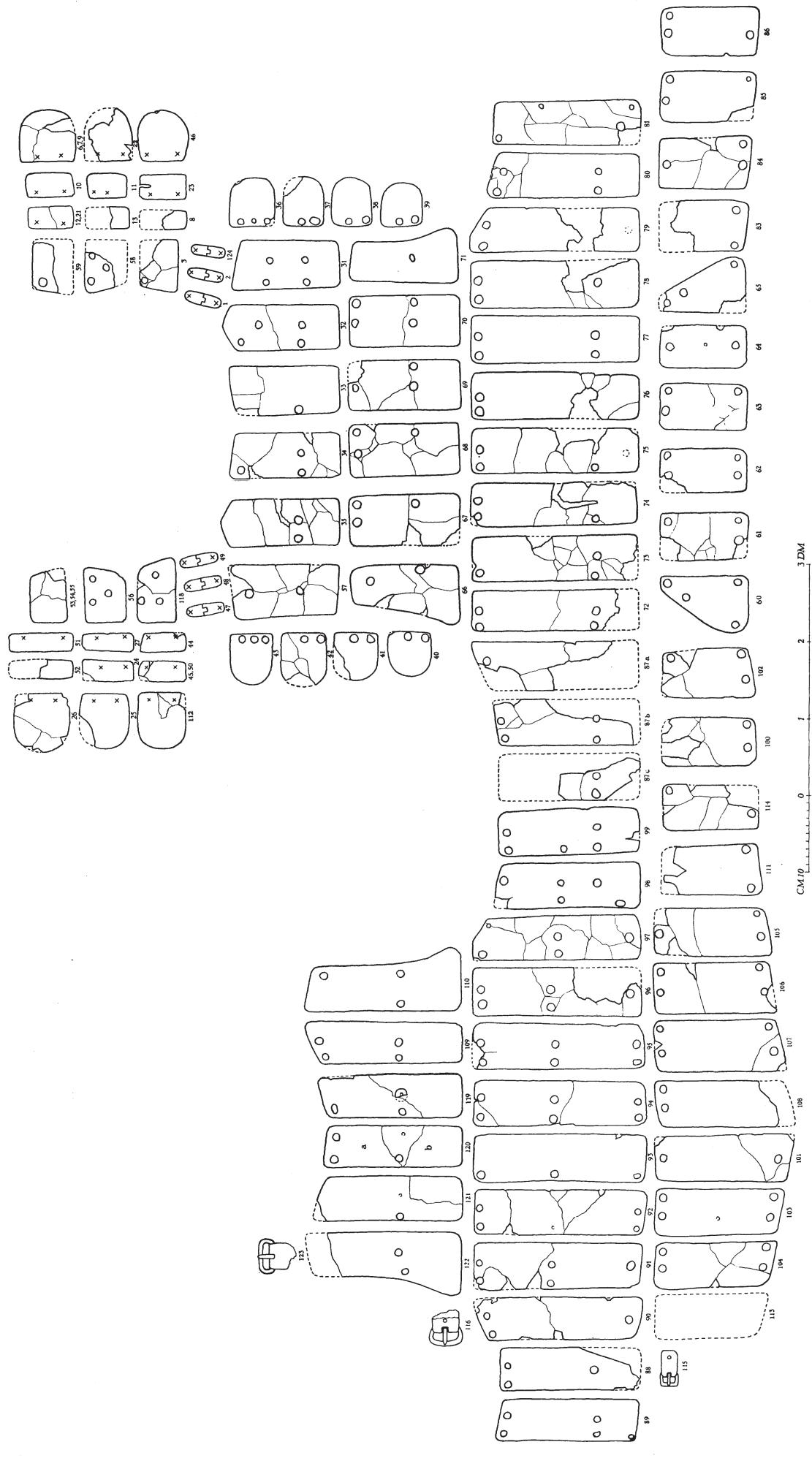
1

2

3 DM



CM 10 0 1 2 3 DM







I



2



1



2



3



4

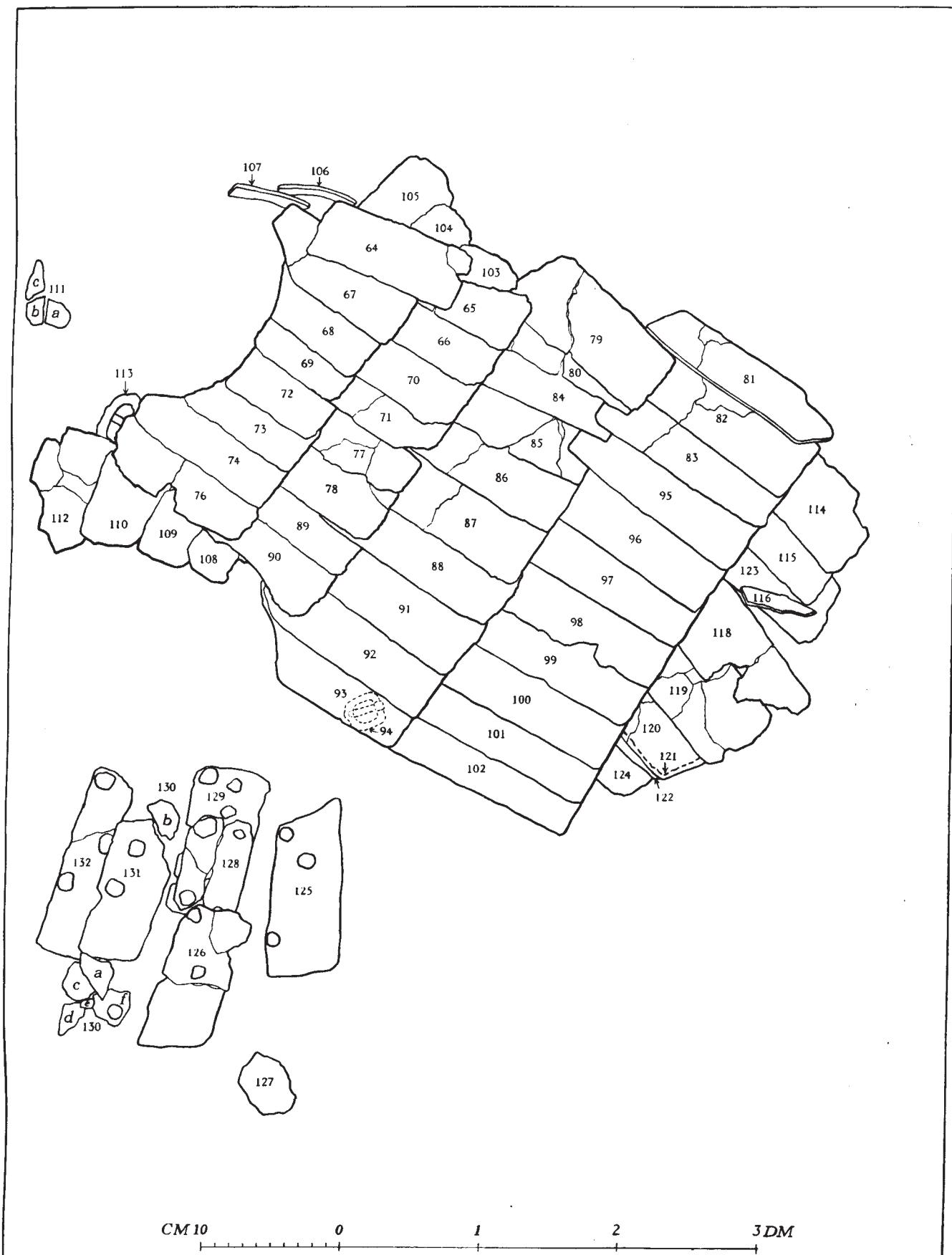


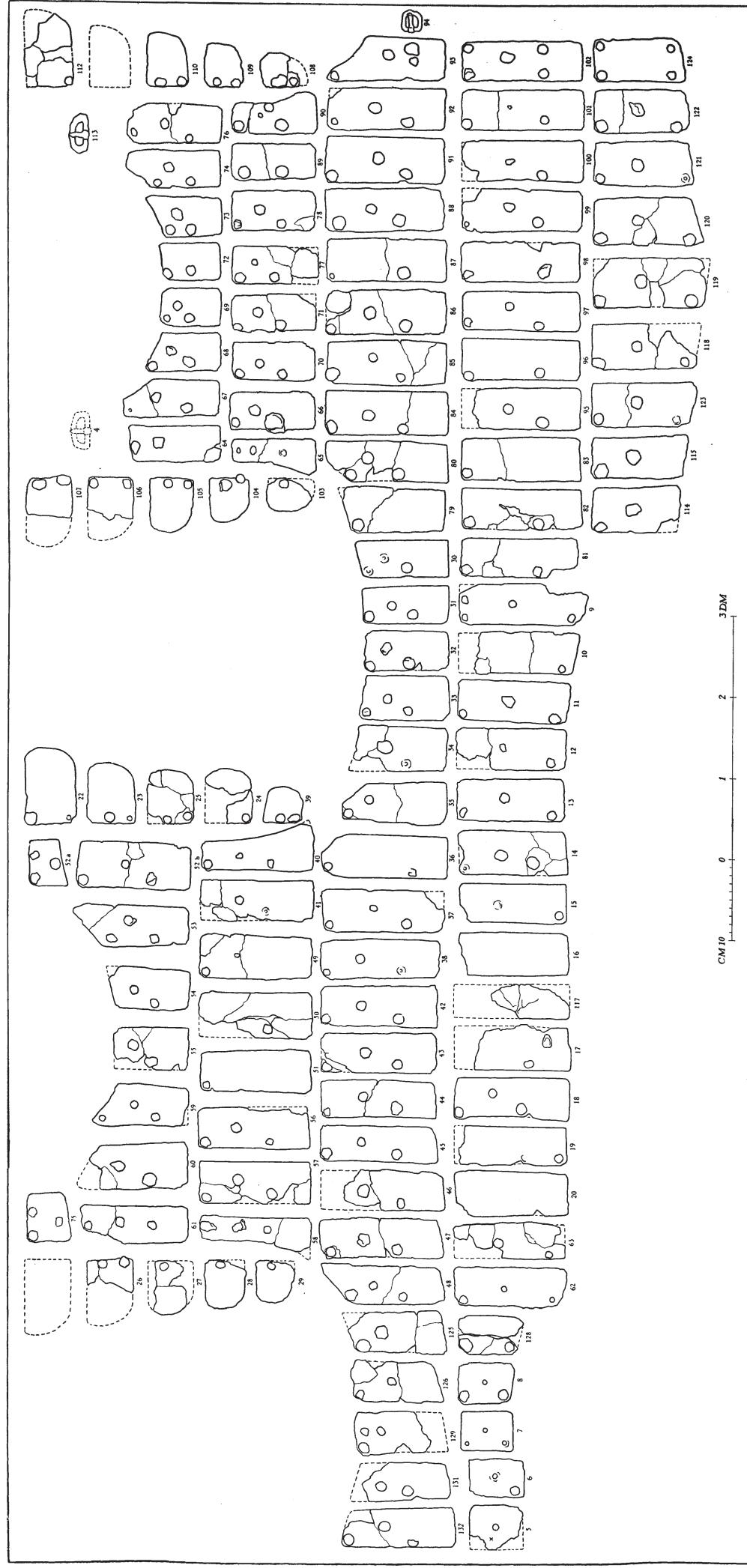




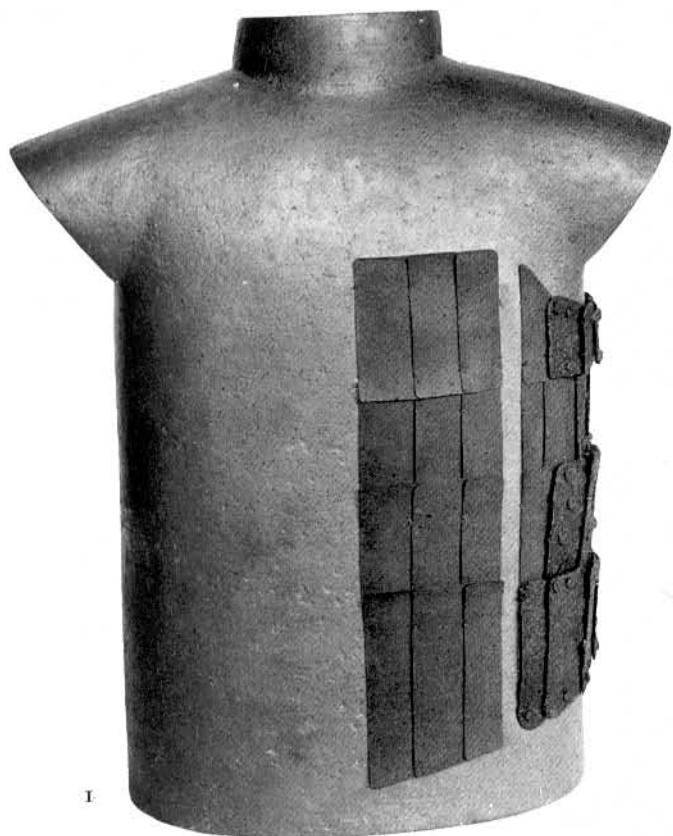








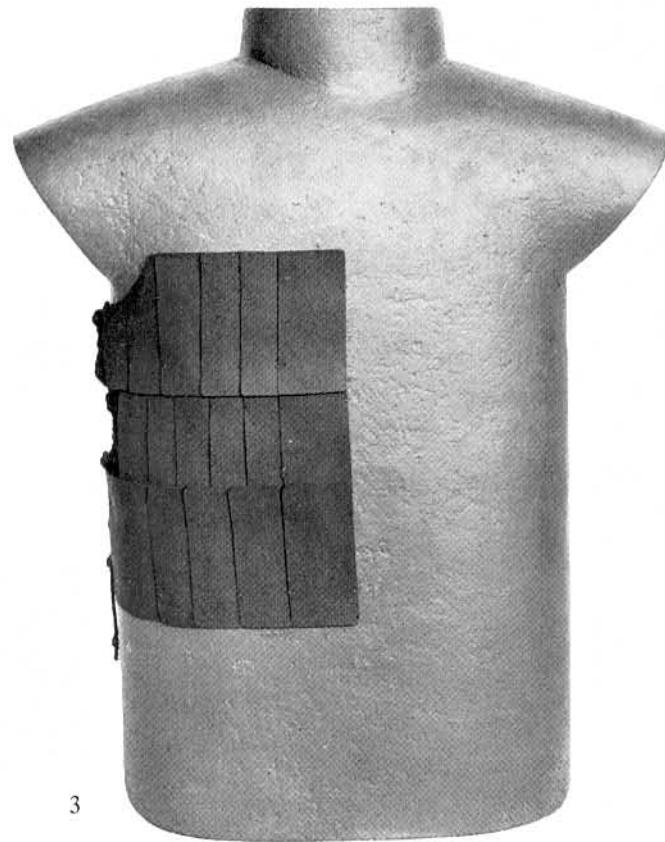




1

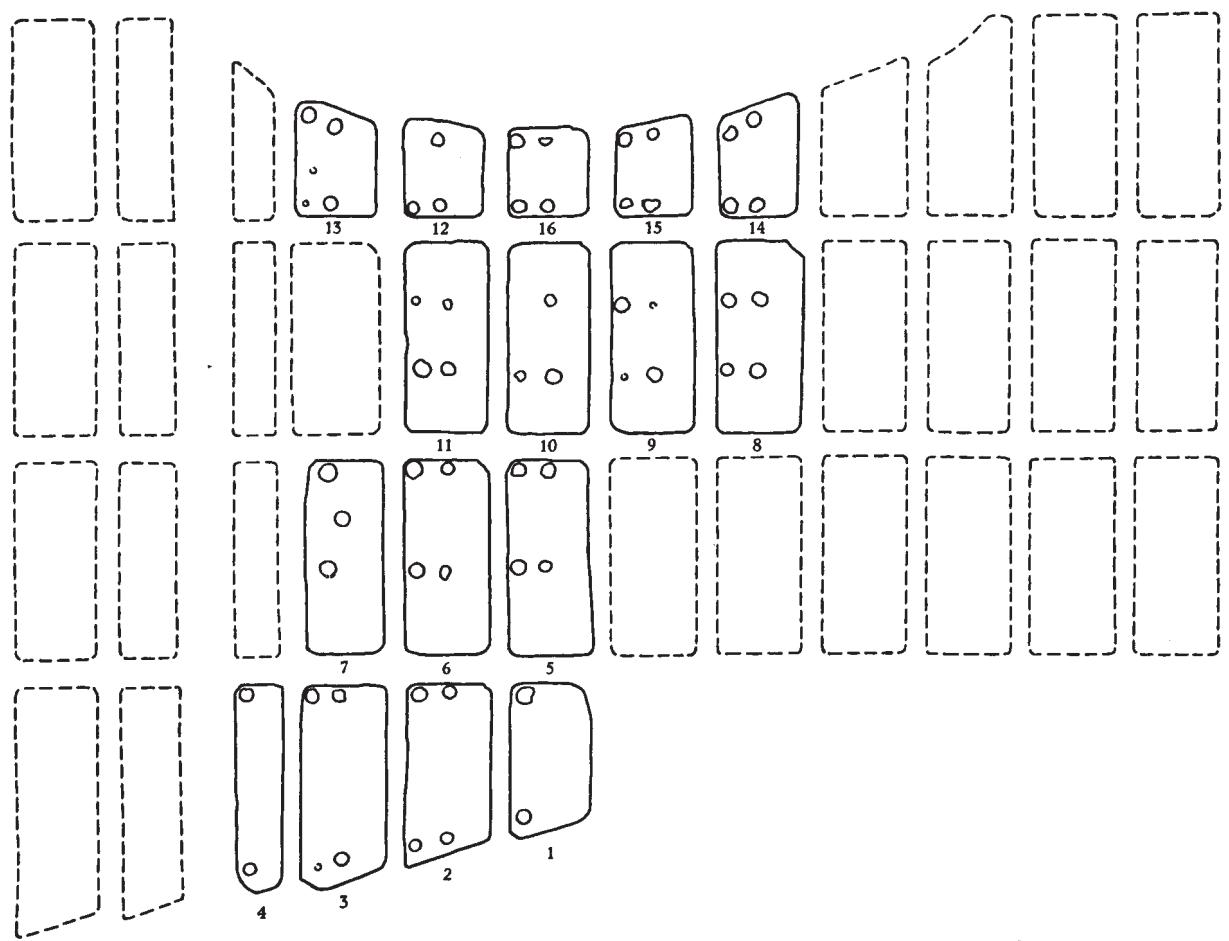
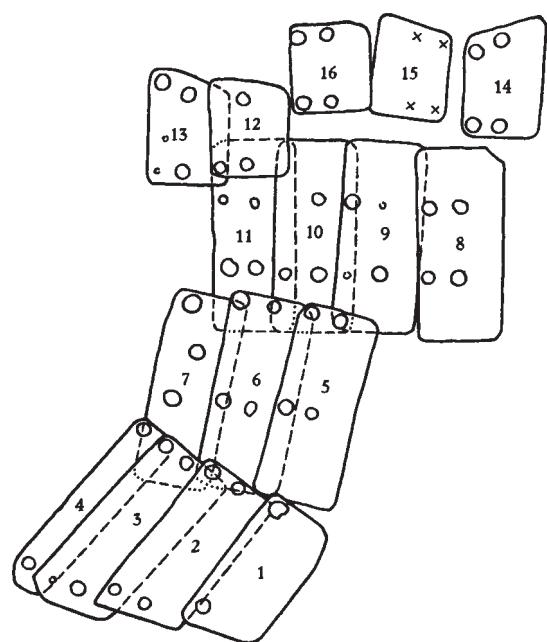


2



3



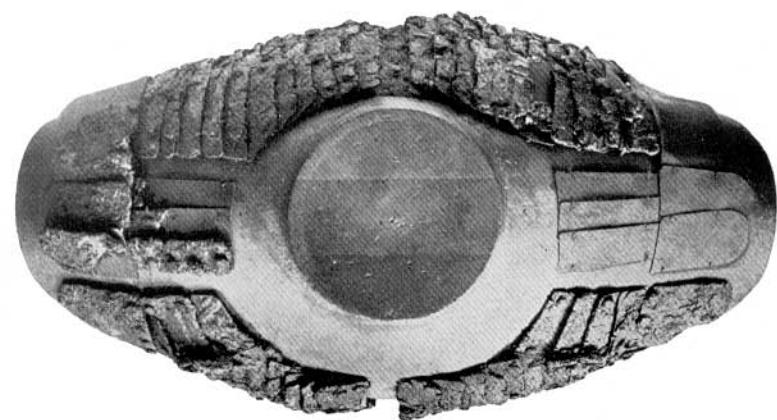








1



2



1



2

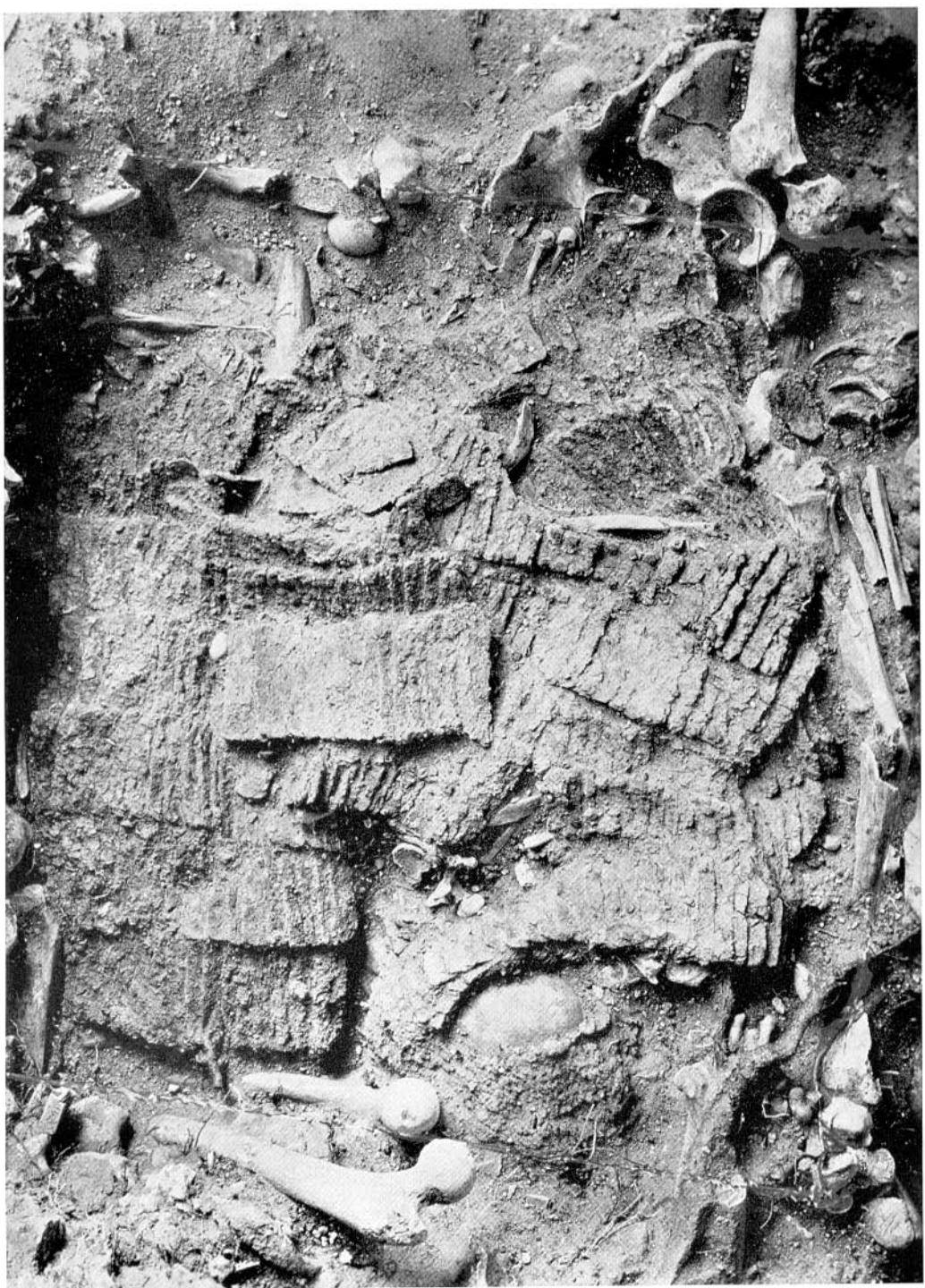


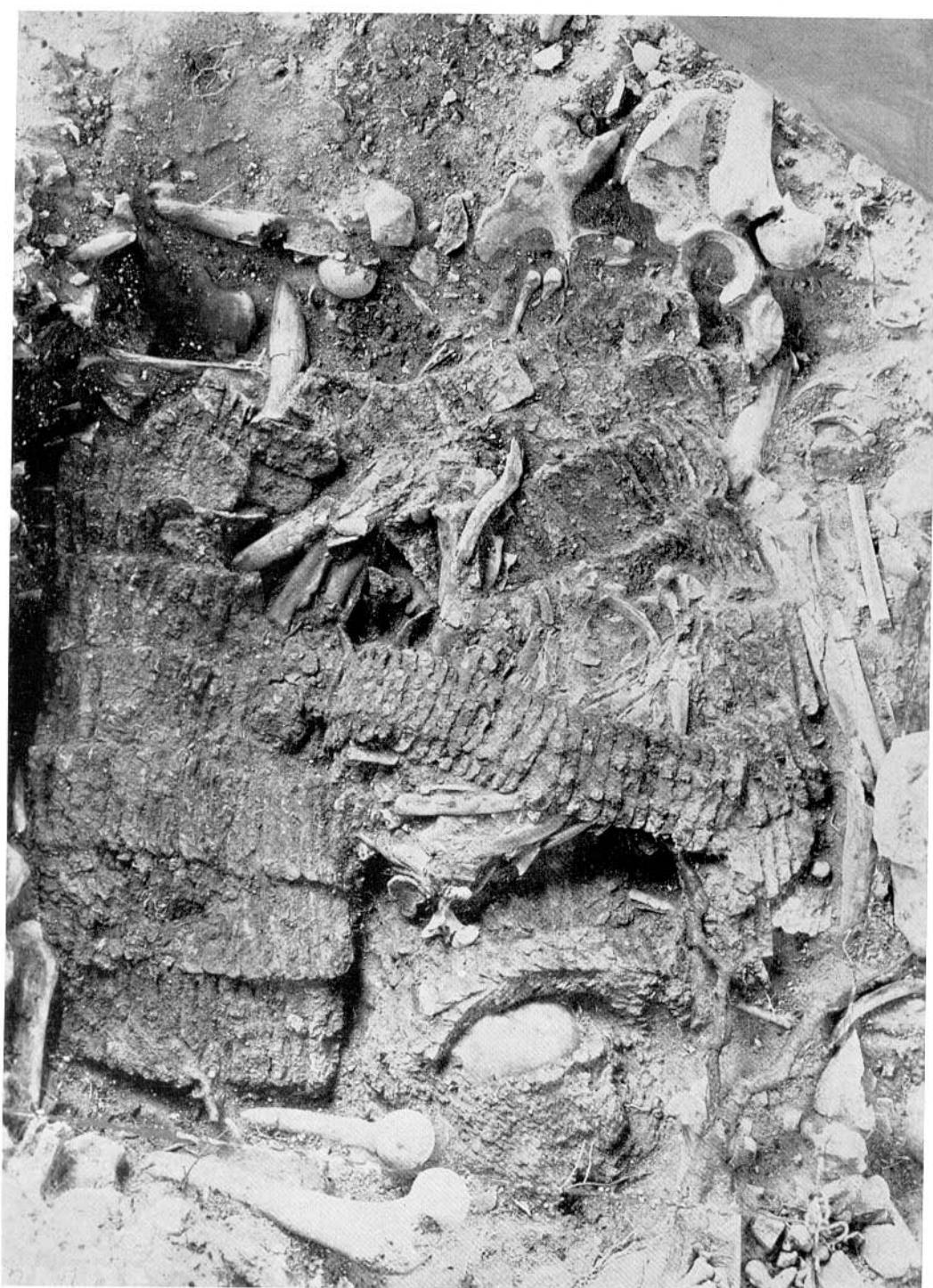
3



4





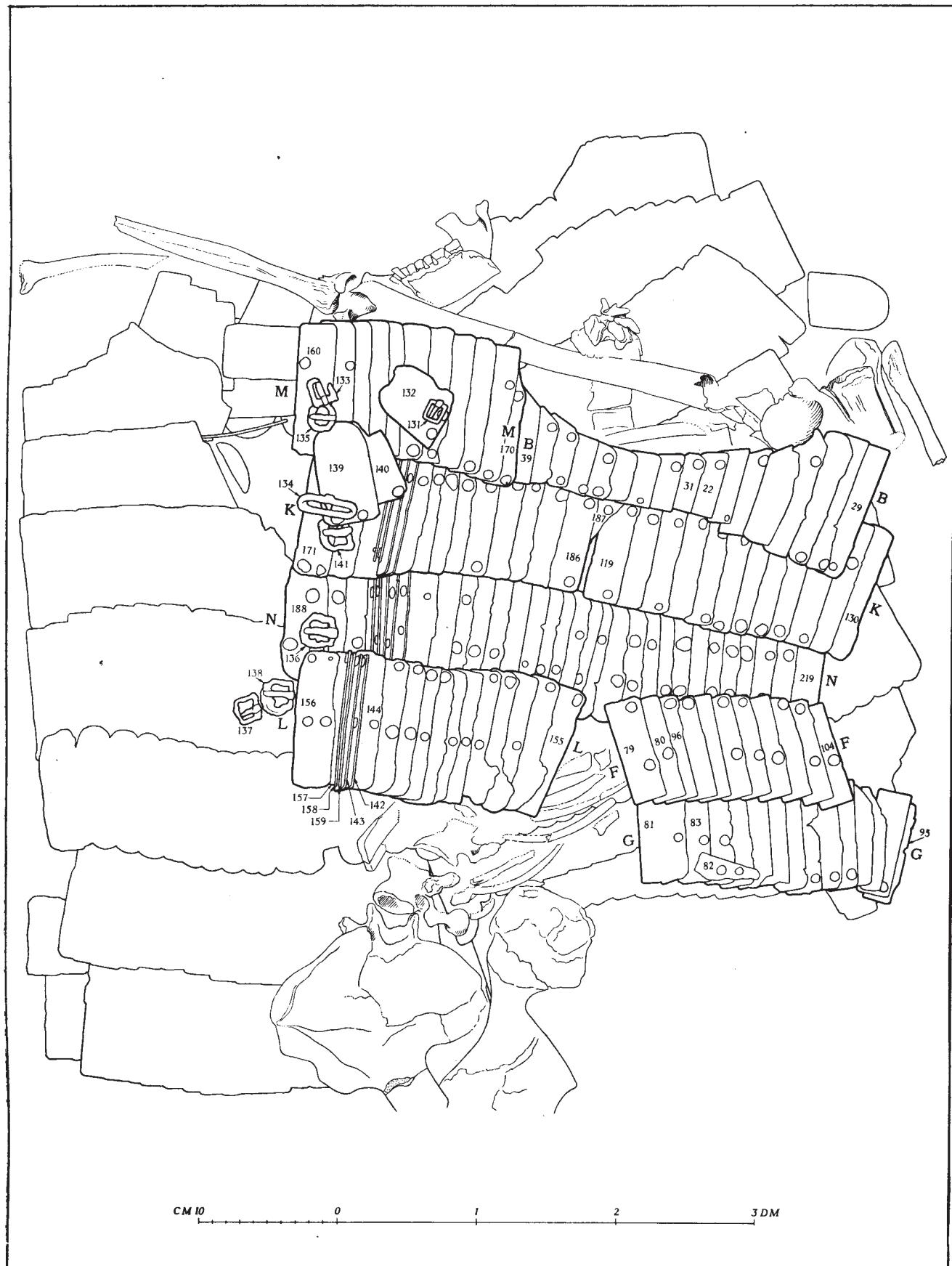


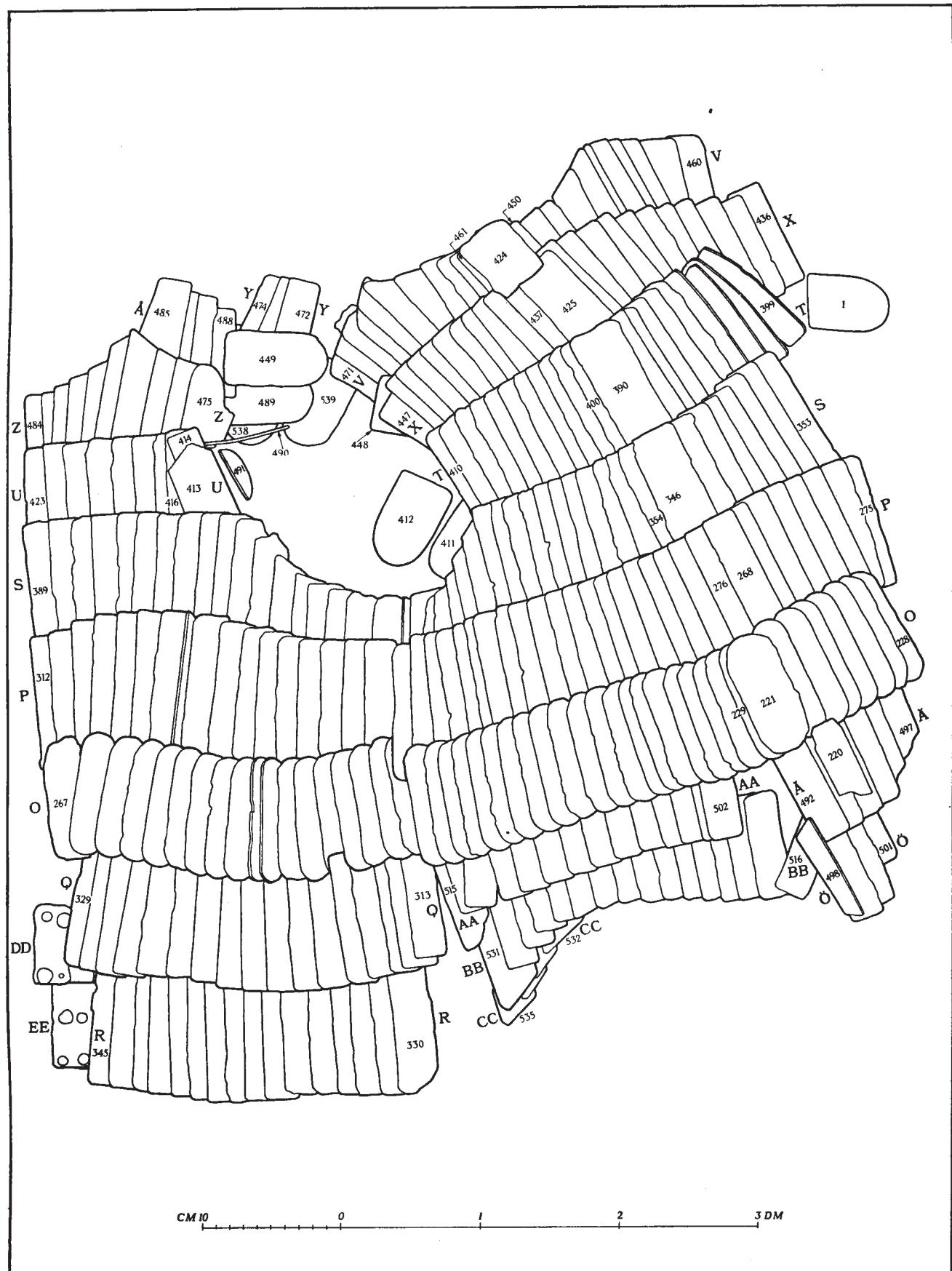


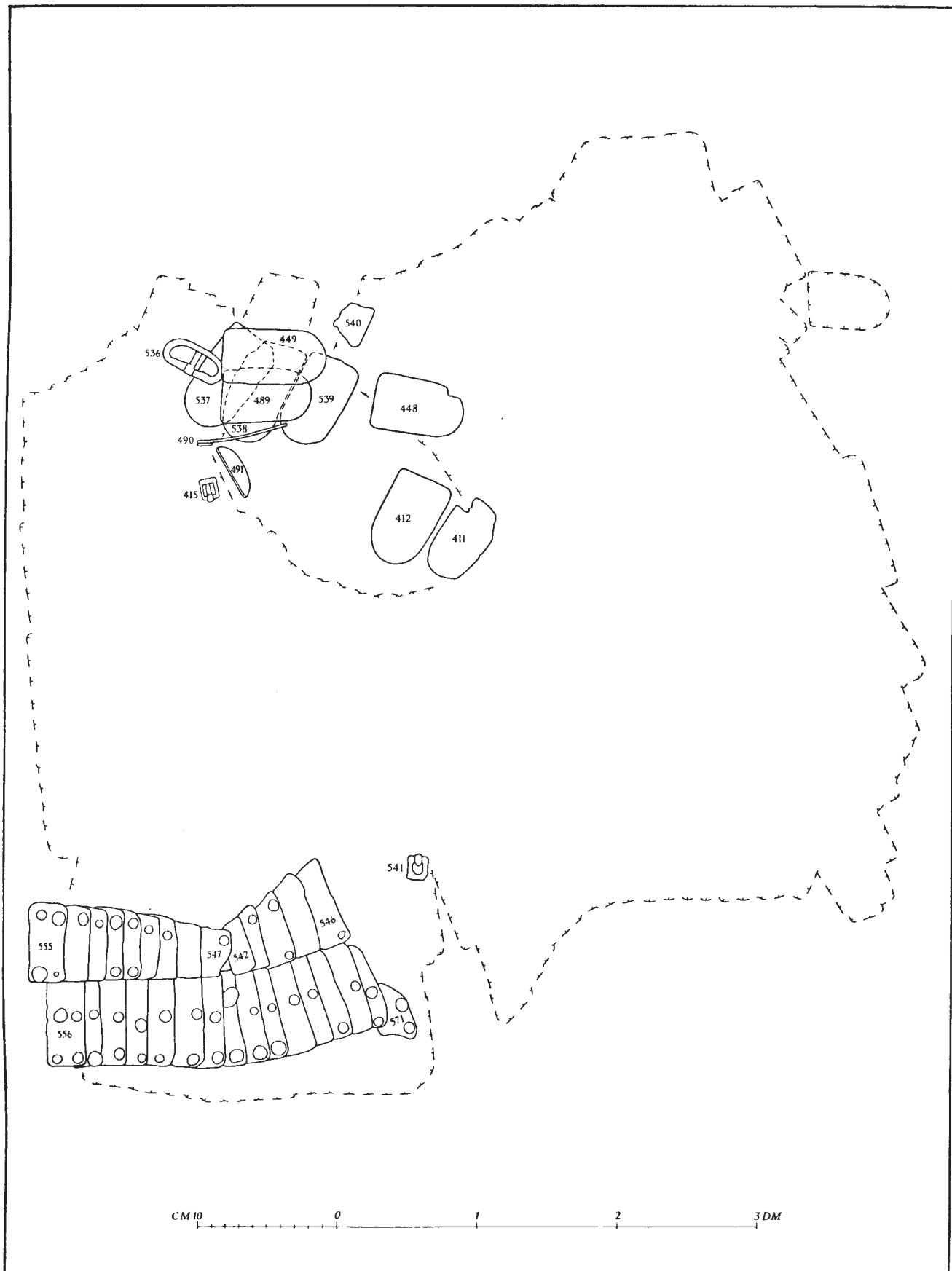


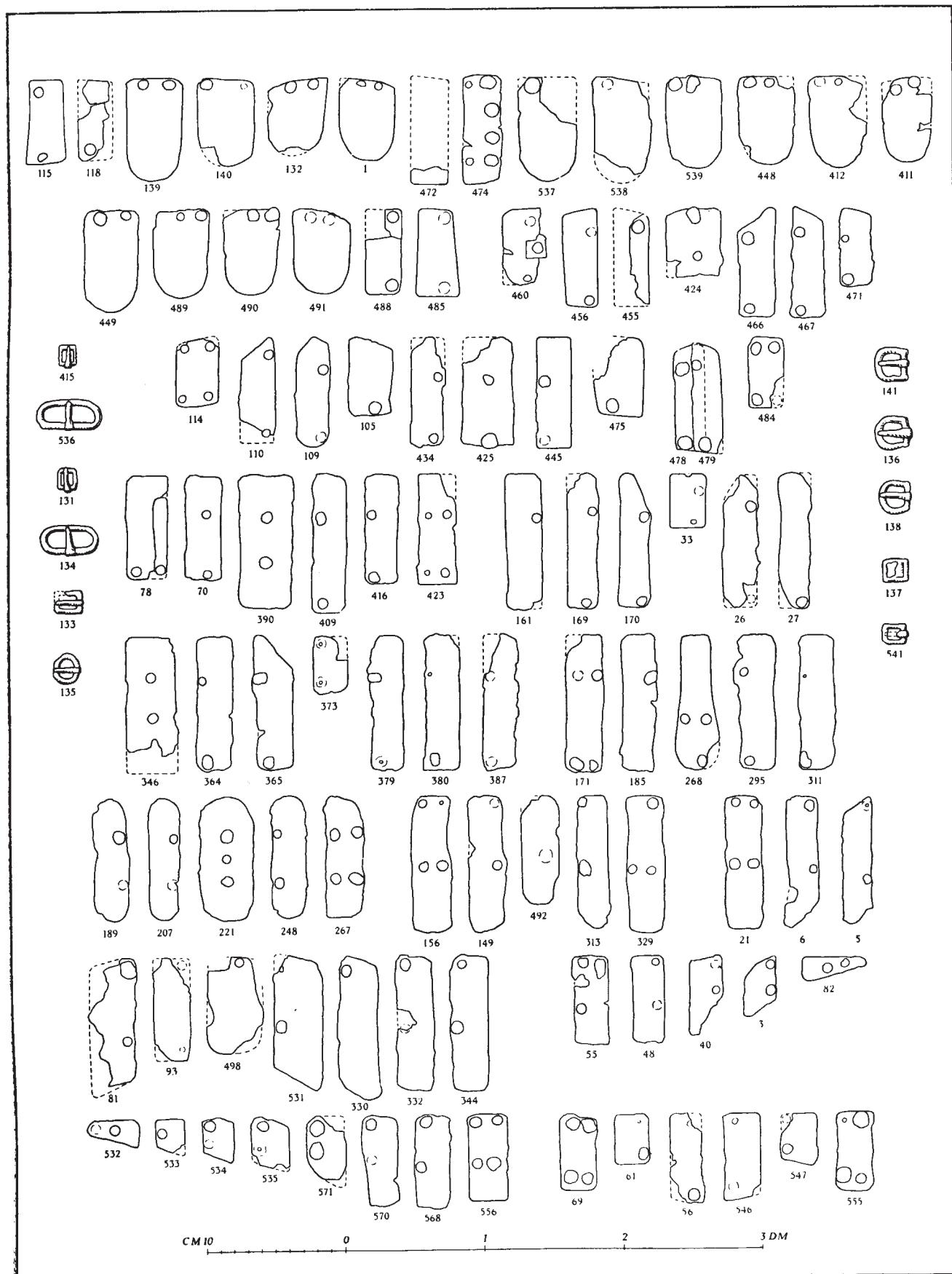


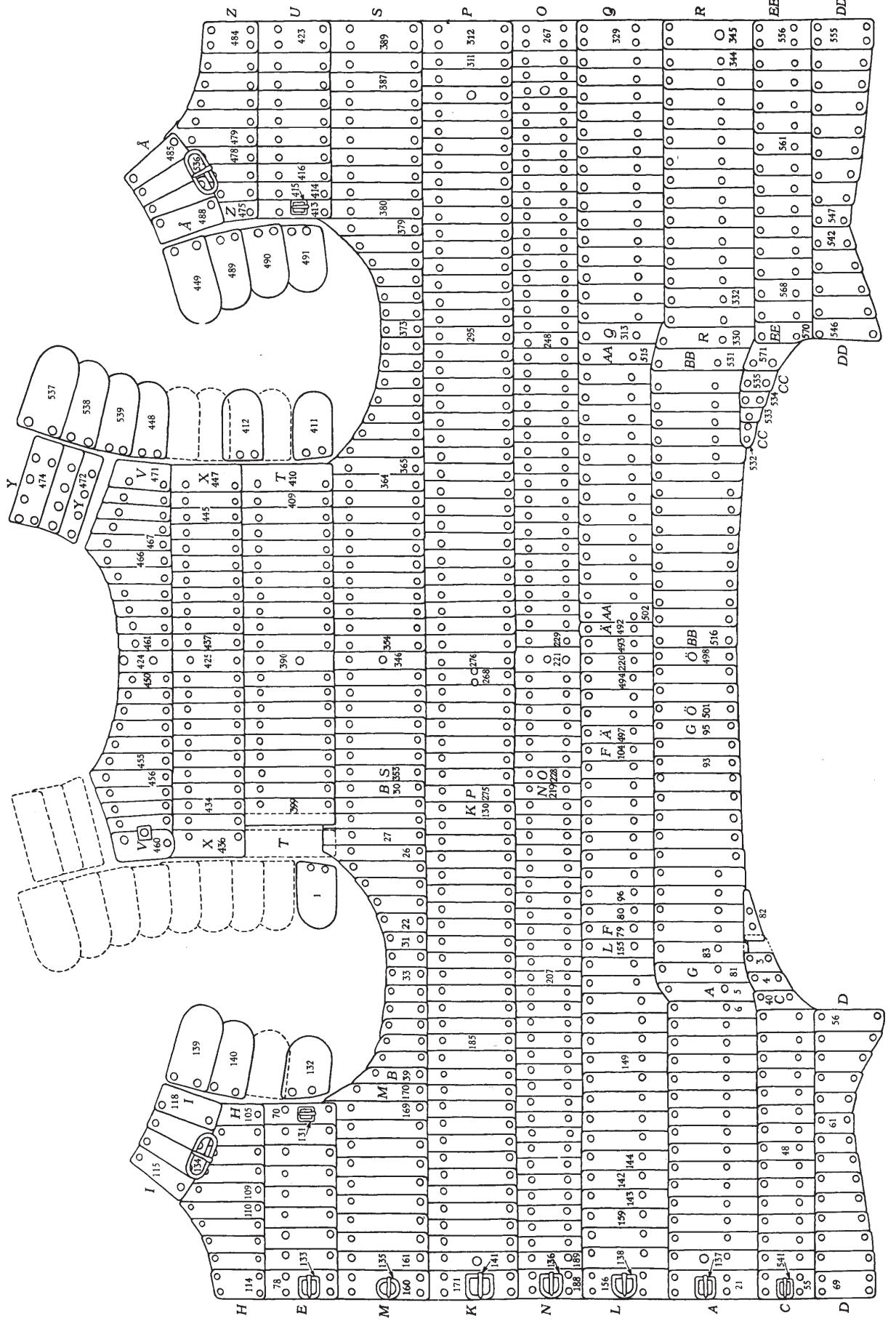


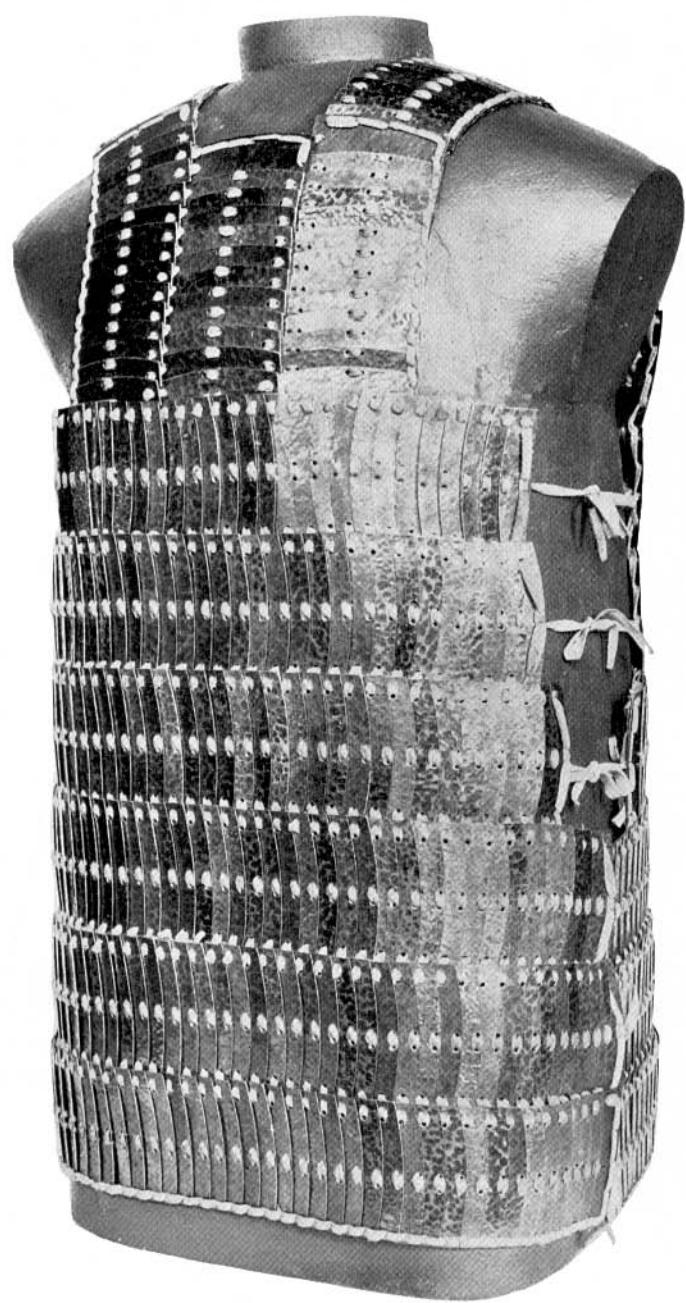














1



2



3



4





I



2







