

# Chapter 1

## Corpus

A considerable number of the cylinder seal impressions included in this corpus have not yet been published. In those cases where no permission has been received to publish the object, the impression was given a corpus number according to the type to which it belongs by our classification. Information is also given concerning the provenance, registration number, and present location of the object.\*

Cylinder seal impressions were discovered at Beth-Yerah during the course of various excavations. The designation (B) following the name of the site indicates that the object discussed was discovered during Bar-Adon's excavations; the letters (K-D) — Kantor and Delougaz's excavation; the letter (M) — Mazar's excavation; and the letter (U) — Ussishkin's excavation. In the two cases where there is no designation following the name of the site the objects were discovered as accidental finds on the surface at Beth-Yerah.

Several impressions have been lost and their present location is unknown. The designation (x) following the corpus number of any object indicates that the present writer could not study the seal or impression at first hand. In these cases, the corpus data are derived from the publication of the object. In several cases a drawing or photograph, and in one case (IIC-4) a slide, is all that remains of the object; this is the reason for the poor quality of some of the photographs. In other cases, no photograph of the object was available.

In every case, information pertaining to the motifs and to the origin of the object is given. When the provenance is a comparatively unknown site, its

map reference is also indicated. All other data concerning registration number, present location, dimensions, material, and publication, are presented only when available.

The use of the term "material" instead of "impressed on" indicates that the object discussed is a seal and not a seal impression.

The term "dimensions" refers in every case to the dimensions of the seal. Since the majority of the seals were not preserved, the seal's dimensions were calculated by its impression. Whenever a personal examination of the seal or impression was possible, the dimensions are those taken by the writer; otherwise, they have been derived from the publication. In several cases where the diameter of the seal has been calculated by the length of the scene which appears in the seal's impression, this dimension will be preceded by the term "approx."

The scale of the drawings and photographs is 1:1 unless otherwise stated. The drawings of the seals and impressions are the work of Mrs. Ester Hoover and Mrs. Mika Sarig of the Institute of Archaeology, the Hebrew University, Jerusalem. IIA-5 was drawn by Mrs. Judy Hammond, New York. The following photographs were taken from the publications of the objects: IA-1,2,3; IB-2; IC-1; IF-1; IIA-1,2,3; IIBb-2; IIBb-3; IIIB-4; IIIC-5; X-1. The photographs of IF-7, IF-9, and IIC-2 were done by the Israel Department of Antiquities; IIA-5 and X-2 by the Oriental Institute, Chicago; IF-10 by Mr. E. Meyerhof; and IIC-4 by Mr. A. Kempinski. All other photographs were done by Mr. Z. Radovan, Jerusalem. Thanks are due to the above-mentioned people and institutions for their aid.

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University — an impression from Beth-Yerah; Dr. A. Glock, of the Albright Institute, Jerusalem — two impressions from Tell Ta<sup>c</sup>annek; Mr. A. Kempinski, of the Institute of Archaeology, Tel-Aviv University — an impression from Jebel el-<sup>c</sup>Ein; Mrs. Tadmor, from the Israel Museum, and Dr. W. M. Prausnitz, from the Israel Department of Antiquities — an impression from Rosh ha-Niqra, and finally, to Messrs. S. Cagan, E. Meyerhof, and I. Mandell, for permission to publish three impressions from the collections of their respective kibbutzim — Shamir, ha-Zorea<sup>?</sup> and Ramat ha-Shofet.

## Class I: Geometric Motifs

## Group IB: Net

(For further definition of these geometric motifs, such as "herringbones," "ladder," etc., see chapter 3.)

## Group IA: Herringbone

## IA-1 (Fig. 1:1; Pl. 1:1)

Motif: Herringbone.  
Origin: Megiddo. Reg. No. d584.  
Present Location: Oriental Institute, Chicago.  
Material: Bone.  
Dimensions: Height — 22 mm.; Diameter — 10 mm.  
Publication: Loud 1948: pl. 160:1.

## IA-2 (x) (Fig. 1:2)

Motif: Double herringbone; "eye" (schematic fish?).  
Origin: Jericho. Reg. No. A/27/61.  
Material: Bone.  
Dimensions: Height — 33 mm; Diameter — 13 mm.  
Publication: Kenyon 1960: 91, fig. 27:4.

## IA-3 (x) (Figs. 1:3-4 — suggested corrected impression of IA-3)

Motif: Group of lines; Fish (?) (see Fig. 1:4).  
Origin: Gezer.  
Material: Bone.  
Dimensions: Height — approx. 50 mm.  
Publication: Macalister 1911-12: I, 110; III, pl. 28:21.

## IA-4 (Pl. 1:2)

Origin: Arad.  
Material: Chalk.  
Publication: Amiran 1970: 87-89, pl. 6.

## IB-1 (Fig. 1:5; Pl. 1:5)

Motif: Net.  
Origin: Tel Parur (=Khirbet Fureir; map reference 159/226). Reg. No. 3196/1.  
Present location: Ramat ha-Shofet.  
Impressed on: Shoulder of closed vessel; pink gray clay.  
Dimensions: Height — 33 mm.

## IB-2 (x) (Fig. 1:6; Pl. 1:6)

Motif: Net.  
Origin: Tell Qurs.  
Present location: Hebrew Union College, Cincinnati.  
Impressed on: Shoulder of closed vessel; diagonal combing.  
Dimensions: Height — 24 mm.  
Publication: Glueck 1951: 130, 491-92, pl. 84:10.

## IB-3 (Fig. 1:7; Pl. 1:7)

Motif: Net.  
Origin: Shamir. Reg. No. IB.10.  
Present location: Shamir.  
Impressed on: Body fragment of closed vessel; metallic ware; diagonal combing.  
Dimensions: Height — 58 mm.

## IB-4

Motif: Net (similar to IB-1, 2, 3).  
Origin: Beth-Yerah (B). Reg. No. 50-4365.  
Present location: Israel Department of Antiquities.

## IB-5

Motif: Net (similar to IB-1, 2, 3).  
Origin: Beth-Yerah (B). Reg. No. 50-857.  
Present location: Israel Department of Antiquities.

*Group IC: Wavy Line**IC-1 (x) (Fig. 1:8; Pl. 1:8)*

Motif: Wavy lines; V-forms filled with horizontal lines.

Origin: Qabr el-Faras (map reference 157/217). Reg. No. 3/KB/16.

Present location: Kibbutz Gal-<sup>c</sup>Ed.

Impressed on: Shoulder of closed vessel.

Publication: Prausnitz 1958: 31-35, pl. 4:1.

*IC-2*

Motif: Wavy line and concentric circles (or spiral).

Origin: Beth Yerah (B). Reg. No. 50-3392.

Present location: Israel Department of Antiquities.

*IC-3*

Motif: Similar to IC-1 with concentric circles or spirals.

Origin: Beth-Yerah (B). Reg. No. 393/1 (also: 67-1168).

Present location: Israel Department of Antiquities.

*IC-4 (Fig. 1:9; Pl. 1:9)*

Motif: Net and wavy line, combination of IB-1 and IC-1.

Origin: Tel Dan. Reg. No. D/70; 3479/5.

Present location: Israel Department of Antiquities.

Impressed on: Shoulder of closed vessel; metallic ware; vertical combing.

*IC-5*

Motif: Similar to IC-1.

Origin: Beth ha-<sup>c</sup>Emeq. Reg. No. 1.

Present location: Institute of Archaeology, Tel-Aviv University.

*IC-6*

Motif: Similar to IC-2.

Origin: Beth ha-<sup>c</sup>Emeq. Reg. No. 2.

Present location: Institute of Archaeology, Tel-Aviv University.

*Group ID: Rhomboids, Concentric Circles, Spirals**ID-1 (Fig. 1:10; Pl. 1:10)*

Motif: Rhomboids and half rhomboids (=triangles) filled with horizontal lines.

Origin: <sup>c</sup>Ein Kuniyeh. Reg. No. 8-83/1.

Present location: Israel Department of Antiquities.

Impressed on: Shoulder of closed vessel; metallic ware; diagonal and vertical combing.

Dimensions: Height — 32 mm.

Publication: Epstein 1972: 213, fig. 2.7, pl. 51:F.

*ID-2 (Fig. 2:11; Pl. 2:11)*

Motif: Rhomboids filled alternately with net pattern and horizontal lines, half rhomboids (=triangles) filled with horizontal lines.

Origin: Beth-Yerah (M). Reg. No. 63-765.

Present location: Israel Department of Antiquities.

Impressed on: Shoulder of closed vessel; metallic ware; vertical combing.

*ID-3 (Fig. 2:12; Pl. 2:12)*

Motif: Rhomboids and triangles as in ID-1; concentric circles.

Origin: Beth-Yerah (M). Reg. No. KII 1463.

Present location: Israel Department of Antiquities.

Impressed on: Shoulder of closed vessel; metallic ware; diagonal combing.

Dimensions: Height — 35 mm.

*ID-4 (x)*

Motif: Similar to ID-3.

Origin: Beth-Yerah (K-D). Reg. No. "Object 91 B. Y. III, Sept. 3."

Present location: Oriental Institute, Chicago.

*ID-5 (Fig. 2:13; Pl. 2:13)*

Motif: Rhomboid and triangle filled with horizontal lines; similar to ID-3; spiral instead of concentric circles.

Origin: Tel Dan.

Present location: Israel Department of Antiquities.

Impressed on: Shoulder of closed vessel; traces of vertical combing.

*ID-6* (Fig. 2:14; Pl. 2:14)

Motif: Spiral and unidentifiable linear motif.  
 Origin: Tel Dan. Reg. No. DI 66; 545/1.  
 Present location: Israel Department of Antiquities.  
 Impressed on: Shoulder of closed vessel; metallic  
 ware; diagonal combing.

*ID-7* (x) (Fig. 2:15)

Motif: Spiral and unidentifiable linear motif.  
 Origin: <sup>c</sup>Ein Shaḥal (map reference 197/225). Reg.  
 No. 137/9.  
 Impressed on: Shoulder of closed vessel.

*ID-8* (Fig. 3:16; Pl. 3:16)

Motif: Angular spiral; concentric rhomboids.  
 Origin: Tell Ta<sup>c</sup>annek. Reg. No. TT 1844.  
 Present location: Albright Institute, Jerusalem.  
 Impressed on: Shoulder of closed vessel; metallic  
 ware; vertical combing.

*ID-9*

Motif: Spirals; concentric circles and undulating  
 lines.  
 Origin: Beth Yerah (B). Reg. No. 51 4167.  
 Present location: Israel Department of Antiquities.

*ID-10*

Motif: Double spiral.  
 Origin: Beth-Yerah (B). Reg. No. 50 3282.  
 Present location: Israel Department of Antiquities.

*ID-11*

Motif: Similar to ID-1.  
 Origin: Beth ha-<sup>c</sup>Emeq. Reg. No. 3.  
 Present location: Institute of Archaeology, Tel-  
 Aviv University.

*ID-12*

Motif: Similar to ID-1.  
 Origin: Beth ha-<sup>c</sup>Emeq. Reg. No. 4.  
 Present location: Institute of Archaeology, Tel-  
 Aviv University.

*Group IE: Ladder, Herringbone,  
and Concentric Circles**IE-1* (Fig. 3:17; Pl. 3:17)

Motif: Herringbone and triple ladder.  
 Origin: Tel Dan. Reg. No. D70; 3615/1.  
 Present location: Israel Department of Antiquities.  
 Impressed on: Body fragment of closed vessel;  
 traces of combing.

*IE-2* (Fig. 3:18; Pl. 3:18)

Motif: Herringbone; ladder.  
 Origin: Tel Dan. Reg. No. I 531/10.  
 Present location: Israel Department of Antiquities.  
 Impressed on: Shoulder of closed vessel.

*IE-3* (Fig. 3:19; Pl.3:19)

Motif: Alternating herringbone and net.  
 Origin: Shamir. Reg. No. IB.9.  
 Present location: Shamir.  
 Impressed on: Body fragment of closed vessel;  
 metallic ware; vertical combing.

*IE-4* (Fig. 3:20; Pl. 3:20)

Motif: Herringbone; concentric circles (or spirals).  
 Origin: Tel Dan. Reg. No. DI;151/9.  
 Present location: Israel Department of Antiquities.  
 Impressed on: Shoulder of closed vessel; metallic  
 ware; traces of diagonal combing.

*IE-5* (Fig. 3:21; Pl. 3:21)

Motif: Spiral; ladder; herringbone.  
 Origin: Tel Dan. Reg. No. UHS 5/59.  
 Present location: Kibbutz Dan.  
 Impressed on: Shoulder of closed vessel; diagonal  
 combing.  
 Publication: Dayan 1962: pl. 6:48.

*IE-6* (Fig. 4:22; Pl. 4:22)

Motif: Ladder; herringbone; concentric circles.  
 Origin: Hazor. Reg. No. L/1378/1.  
 Present location: Institute of Archaeology, Hebrew University, Jerusalem.  
 Impressed on: Shoulder of closed vessel, metallic ware.

Dimensions: Height — 40 mm; Diameter — approx. 15 mm. (The height dimensions of this seal have been calculated from combined data, derived from both this impression and another impression of the same seal [IE-7] found in the same locus.)

*IE-7* (Fig. 4:23; Pl. 4:23)

Motif: Ladder; herringbone; concentric circles.  
 Origin: Hazor. Reg. No. L/1378/2.  
 Present location: Institute of Archaeology, Hebrew University, Jerusalem.  
 Impressed on: Shoulder of closed vessel; metallic ware; traces of diagonal combing.  
 Dimensions: See IE-6, above, another impression of the same seal.

*IE-8* (Fig. 4:24; Pl. 4:24)

Motif: Herringbone, concentric circles.  
 Origin: Tell Ta<sup>c</sup>annek. Reg. No. TT 1845.  
 Present location: Albright Institute, Jerusalem.  
 Impressed on: Shoulder of closed vessel; metallic ware; diagonal combing.

*IE-9* (Fig. 4:25; Pl. 4:25)

Motif: Herringbone; concentric circles.  
 Origin: Hazor. Reg. No. A 1656/9.  
 Present location: Institute of Archaeology, Hebrew University, Jerusalem.  
 Impressed on: Body fragment of closed vessel; metallic ware; diagonal combing.

*IE-10*

Motif: Similar to IE-8,9.  
 Origin: Beth ha-<sup>c</sup>Emeq. Reg. No. 5.  
 Present location: Institute of Archaeology, Tel-Aviv University.

*IE-11*

Motif: Similar to IE-4.  
 Origin: Beth ha-<sup>c</sup>Emeq. Reg. No. 6.  
 Present location: Institute of Archaeology, Tel-Aviv University.

*Group IF: Geometric, varia*

*IF-1* (x) (Fig. 4:26; Pl. 4:26)

Motif: Herringbone; ladder; wavy line; concentric circles.  
 Origin: Tell Jamid.  
 Publication: Schumacher 1917: 170, Abb. 3; Steuernagel 1926: 143, Abb. 125.

*IF-2* (Fig. 4:27; Pl. 4:27)

Motif: Triple ladder.  
 Origin: Rosh ha-Niqra. Reg. No. 56-1917 (also: T. 578).  
 Present location: Israel Department of Antiquities.  
 Impressed on: Body fragment of closed vessel.

*IF-3* (x) (Fig. 4:28; Pl. 4:28)

Motif: "Half herringbone."  
 Origin: Tel Dan.  
 Present location: Kibbutz Dan.  
 Impressed on: Body fragment of closed vessel; diagonal combing.  
 Publication: Dayan 1962: pl. 6:46.

*IF-4*

Motif: Similar to IF-3.  
 Origin: Beth-Yerah (K-D). Reg. No. "Object 70, B.Y.III, August 4-5."  
 Present location: Oriental Institute, Chicago.

*IF-5* (Fig. 4:29; Pl. 4:29)

Motif: Herringbone, triple ladder, triangle filled with herringbone, bisected circle.  
 Origin: Beth-Yerah.  
 Present location: Institute of Archaeology, Hebrew University, Jerusalem.  
 Material: Clay.  
 Dimensions: Height — 55 mm.; diameter — 32 mm.; diameter of perforation — 5 mm.

*IF-6* (Fig. 5:30; Pl. 5:30)

Motif: Linear; undefinable.  
 Origin: Tel Dan. Reg No. 1557.  
 Present location: Israel Department of Antiquities.  
 Impressed on: Shoulder of closed vessel; metallic ware.

*IF-7* (Fig. 5:31; Pl. 5:31)

Motif: Herringbone, circle and unidentifiable motif.  
 Origin: Khirbet ʿEin Ḥur (= Tel Eder, map reference 167/276). Reg. No. A.1137.  
 Present location: Israel Department of Antiquities.  
 Impressed on: Shoulder of closed vessel; metallic ware; traces of vertical combing.  
 Dimensions: Height — 30 mm.  
 Publication: Prausnitz 1958: 31, pl. 4:2.

*IF-8*

Motif: Similar to IF-7.  
 Origin: Beth-Yerah (B). Reg. No. 50-2854.  
 Present location: Israel Department of Antiquities.

*IF-9* (Fig. 5:32; Pl. 5:32)

Motif: Undefinable. It is doubtful whether the impression was done by a cylinder seal.  
 Origin: Khirbet ʿEin Ḥur (= Tel Eder, map reference 167/276). Reg. No. A.1137.  
 Present location: Israel Department of Antiquities.  
 Impressed on: Shoulder of closed vessel; metallic ware.  
 Dimensions: Height — 20 mm.  
 Publication: Prausnitz 1958: 31, pl. 4:2.

*IF-10* (x) (Fig. 5:33)

Motif: Herringbone and unidentifiable motif — possibly spiral.  
 Origin: Har Ḥaruvim (near ha-Zorea<sup>?</sup>, map reference 160/226).

## Class II: Animals

*Group IIA: Animal File**IIA-1*(x) (Fig. 6:34; Pl. 6:34)

Motif: Part of lion's head and foreleg; horned animal (for further definition of "horned animals," see chapter 3); body and hindquarters of a third, undefinable animal.

Origin: Jericho.

Dimensions: Height — 20 mm.

Publication: Sellin and Watzinger 1913: 97-98, 106; Abb.66.

*IIA-2* (x) (Fig. 6:35; Pl. 6:35: another impression of Seal IIA-1.)*IIA-3* (x) (Fig. 6:36; Pl. 6:36: another impression of Seal IIA-1.)

(Fig. 6:37: Impression of Seal IIA-1, reconstructed of the three fragmentary impressions made by the same seal.)

*IIA-4* (Fig. 6:38; Pl. 6:38)

Motif: Horned animal; unidentifiable quadruped; hind part of another quadruped (same horned animal?).

Origin: Megiddo. Reg. No. 34.2754.

Present location: Israel Department of Antiquities.

Impressed on: Body fragment of closed vessel.

Dimensions: Height — 10 mm.; diameter — 6 mm.

(Engberg and Shipton 1934b: 31).

Publication: Engberg and Shipton 1934b: 36, figs. 10:C, 11:C.

*IIA-5* (Fig. 6:39; Pl. 6:39)

Motif: Horned animal; hindquarters of unidentifiable quadruped.

Origin: Megiddo. Reg. No. A 16872.

Present location: Oriental Institute, Chicago.

Impressed on: Body fragment of closed vessel, possibly hole-mouth jar.

Dimensions: Height — approx. 20 mm.

Publication: Engberg and Shipton 1934b: fig. 10:D.

*IIA-6 (x) (Fig. 6:40)*

Motif: Two horned animals.  
 Origin: Tell el-Hesi.  
 Material: Wood.  
 Dimensions: Height — 15 mm.; diameter — 12 mm.  
 Publication: Bliss 1894: 40, fig. 79.

*Group IIB: Animals in tête-bêche Arrangement**IIBa: Two-animal scene**IIBa-1 (Fig. 6:41; Pl. 6:41)*

Motif: Schematic horned animal and unidentifiable quadruped.  
 Origin: Megiddo. Reg. No. 34.2587.  
 Present location: Israel Department of Antiquities.  
 Impressed on: Horizontal impression on shoulder of jar of Type 16 G (Engberg and Shipton 1934b: 17, fig. 4); vertical impression on shoulder and body of same jar.  
 Dimensions: Height — 23 mm.; diameter — 13 mm.  
 Publication: Engberg and Shipton 1934a: 90-93, pl. 6:2-3.

*IIBa-2 (Fig. 6:42; Pl. 6:42)*

Motif: Animal with long, curved horns; another horned animal.  
 Origin: Megiddo. Reg. No. 34.2752.  
 Present location: Israel Department of Antiquities.  
 Impressed on: Below the rim of hole-mouth jar.  
 Dimensions: Height — 18 mm.; diameter — 10 mm.  
 Publication: Engberg and Shipton 1934b: 35-36, figs. 10:B, 11:B.

*IIBa-3 (Fig. 7:43; Pl. 7:43)*

Motif: Horned animal; another, unidentifiable animal.  
 Origin: Hazor. Reg. No. A/1152/1.  
 Present location: Institute of Archaeology, Hebrew University, Jerusalem.  
 Impressed on: Joint of handle and body of closed vessel; metallic ware; traces of burnishing.  
 Dimensions: Height — 30 mm.

*IIBb: Three-animal scene.**IIBb-1 (Fig. 7:44; Pl. 7:44)*

Motif: Hindquarters of unidentifiable animal; hind leg of another unidentifiable animal; fish; concentric circles; herringbone as border motif.  
 Origin: Hazor. Reg. No. L/115/3.  
 Present location: Institute of Archaeology, Hebrew University, Jerusalem.  
 Impressed on: Body fragment of closed vessel; metallic ware; burnished below impression.  
 Dimensions: Height — 40 mm.

*IIBb-2 (Fig. 7:45; Pl. 7:45)*

Motif: Upper right — horned animal and unidentifiable animal; lower right — composite animal; left side — fish, lion and horned animal; herringbone as border motif.  
 Origin: Purchased.  
 Present location: École Biblique, Jerusalem.  
 Material: Ivory.  
 Dimensions: Height — 61 mm.; diameter — 39 mm.  
 Publication: Amiet 1955: 407-8, pl. 5:1.

*IIBb-3 (Fig. 7:46; Pl. 7:46)*

Motif: Horned animal; lion; fish.  
 Origin: Beth-shean. Reg. No. 31-11-254.  
 Present location: Israel Department of Antiquities (no. 32-69).  
 Material: Ivory.  
 Dimensions: Height — 22 mm.; diameter — 17 mm.  
 Publication: Parker 1949: 29, pl. 20:129.

*Group IIC: Animals in Various Other Arrangements**IIC-1 (Fig. 7:47; Pl. 7:47)*

Motif: Heads of horned animals.  
 Origin: Megiddo. Reg. No. 34-2753.  
 Present location: Israel Department of Antiquities.  
 Impressed on: Body fragment of closed vessel; light brown slip.  
 Dimensions: Height — 14 mm.; diameter — 8 mm.  
 Publication: Engberg and Shipton 1934b: 33-34, figs. 10:A, 11:A.

*IIC-2* (x) (Fig. 8:48; Pl. 8:48)

Motif: Horned animal and other (unidentifiable) animals; the animal in the lower left corner — probably a lion.

Origin: Megiddo. Reg. No. c538 (also: 38.982).

Impressed on: Body fragment; red slip.

Publication: Loud 1948: pl. 160:4.

*IIC-3* (Fig. 8:49)

Motif: Horned animal suckling calf; bird; dot within circle.

Origin: Beth-Yerah (B).

Present location: Israel Department of Antiquities.

Impressed on: Neck and shoulder of large jar (neck is wheel-made); several impressions of the same seal.

Dimensions: Height — 20 mm.; diameter — approx. 13 mm.

Publication: Bar-Adon 1973: 99-100.

*IIC-4* (x) (Fig. 8:50; Pl. 8:50)

Motif: Horned animal; unidentifiable motifs.

Origin: Jebel el-<sup>c</sup>Ein (map reference 175/237).

*IIC-5* (Fig. 8:51; Pl.8:51)

Motif: Horned animal; unidentifiable motif.

Origin: Lawieh Enclosure. Reg. No. 340-40/2.

Present location: Israel Department of Antiquities.

Impressed on: Body fragment; metallic ware; diagonal combing.

Publication: Epstein 1972: 212, fig. 2:3, pl. 51:C.

*IIC-6* (x) (Fig. 8:52)

Motif: Quadruped; another unidentifiable animal.

Origin: Tel Dan. Reg. No. II3030/1.

Impressed on: Body fragment of closed vessel; pattern combing.

*IIC-7* (x) (Fig. 8:53)

Motif: Unidentifiable animal.

Origin: Tel Dan. Reg. No. II3006/1.

Impressed on: Body fragment.

*IIC-8* (Fig. 8:54; Pl. 8:54)

Motif: Bird; lion; crab (scorpion?).

Origin: Hazor. Reg. No. A272/3.

Present location: Institute of Archaeology, Hebrew University, Jerusalem.

Impressed on: Shoulder of closed vessel; light red slip.

Publication: Yadin *et al.* 1960: pls. 76:19, 162:3.

*IIC-9* (Fig. 8:55; Pl. 8:55)

Motif: Unidentifiable animal (?); other unidentifiable motifs.

Origin: Lawieh Enclosure. Reg. No. Lawieh 1972.

Present location: Israel Department of Antiquities.

Impressed on: Body fragment; burnished; traces of pattern combing.

Publication: Epstein 1972: 210, fig. 2:5, pl. 51:E.

*IIC-10*

Impression: Similar to IIC-9.

Origin: Beth-Yerah (K-D). Reg. No. B.Y.III, August 12, object 18.

Present location: Oriental Institute, Chicago.

*IIC-11* (x) (Fig. 8:56; Pl. 8:56)

Motif: Two coiled snakes, facing each other; two triangular space filling devices, and another space filler in the form of two superimposed coalescing triangles.

Origin: Lawieh Enclosure. Reg. No. 340/40/2.

Dimensions: Height — 28 mm.

Publication: Epstein 1972: 212, fig. 2:1, pl. 51:A.

*IIC-12* (Fig. 8:57; Pl. 8:57)

Motif: Rectangle, or square, filled with net motif; to the left, probably a coiled snake.

Origin: Beth-Yerah (M). Reg. No. K.40.15.

Present location: Israel Department of Antiquities.

Impressed on: Shoulder of closed vessel; metallic ware.

Dimensions: Height — 32 mm.



## Class III: Human Figures, Animals, and Structures

*IIIB-5* (Fig. 9:63; Pl. 9:63)Group IIIA: *Animal and Structure**IIIA-1* (x) (Fig. 9:58)

Motif: Horned animal shown upside-down, within a structure; unidentifiable (?) linear motifs.

Origin: Gezer. Reg. No. 35.

Material: Clay.

Dimensions: Height — approx. 50 mm.

Publication: Macalister 1911-12: II, 346; III, pl. 214:27.

Group IIIB: *Human Figures and Structure**IIIB-1* (Fig. 9:59; Pl. 9:59)

Motif: Two human figures and part of a third; "fence."

Origin: <sup>c</sup>Ein Kuniyeh. Reg. No. 8-83/1.

Present location: Israel Department of Antiquities.

Impressed on: Shoulder of closed vessel; metallic ware; diagonal combing.

Publication: Epstein 1972: 212-13, fig. 2:6, pl. 52:A.

*IIIB-2* (Fig. 9:60; Pl. 9:60)

Motif: Four human figures; structure.

Origin: Rosh ha-Niqra. Reg. No. 56/1917.

Present location: Israel Department of Antiquities.

Impressed on: Shoulder of closed vessel; metallic ware; vertical combing.

Dimensions: Height — 40 mm.

Publication: Prausnitz 1955: 139, fig. 1.

*IIIB-3* (x) (Fig. 9:61)

Motif: Four human figures; structure.

Origin: Beth-Yerah.

Publication: Prausnitz 1955: 139, fig. 2.

*IIIB-4* (x) (Fig. 9:62; Pl. 9:62)

Motif: Part of human figure showing above structure.

Origin: Qabr el-Faras (map reference 157/217).

Reg. No. 3/KB/17.

Present location: Kibbutz Gal-<sup>c</sup>Ed.

Publication: Prausnitz 1958: 31-35, pl. IV:1.

Motif: Lower part of human figure; structure.

Origin: Lawieh Enclosure. Reg. No. 340-40/2.

Present location: Israel Department of Antiquities.

Impressed on: Shoulder of closed vessel; metallic ware.

Publication: Epstein 1972: 212, fig. 2:4, pl. 51:D.

*IIIB-6*

Motif: Similar to IIIB-5.

Origin: Beth-Yerah (B). Reg. No. 50.1906.

Present location: Israel Department of Antiquities.

Group IIIC: *Human Figures, Animals, and Structure**IIIC-1* (Fig. 9:64; Pl. 9:64)

Motif: Human figure; horned animal; structure.

Origin Tel Dan. Reg. No. D/I; 215/1.

Present location: Israel Department of Antiquities.

Impressed on: Shoulder of closed vessel; vertical combing.

Dimensions: Diameter — approx. 20 mm.

*IIIC-2* (Fig. 10:65; Pl. 10:65)

Motif: Head of horned animal; unidentifiable motifs.

Origin: Lawieh Enclosure. Reg. No. 340-40/2.

Present location: Israel Department of Antiquities.

Impressed on: Shoulder of closed vessel; light red slip; vertical combing.

Publication: Epstein 1972: 210-12, fig. 2:2, pl. 51:B.

*IIIC-3* (Fig. 10:66; Pl. 10:66; see also figs. 10:67-68)

Motif: Lower part of two human figures (?) or animals (?); ovoid filled with net motif; unidentifiable motifs.

Origin: Beth-Yerah (B). Reg. No. 50-2727.

Present location: Israel Department of Antiquities.

Impressed on: Shoulder of closed vessel; metallic ware.

Dimensions: Height (if part of IIIC-4) — 45 mm.

*IIIC-4* (Fig. 10:67; Pl. 10:67)

Motif: Structure (or triple ladder); upper part of human figure; bisected circle; upper part of horned animal; unidentifiable motifs.

Origin: Beth-Yerah (U). Reg. No. BY 67/226.

Present location: Israel Department of Antiquities. Impressed on: Shoulder of closed vessel; metallic ware; diagonal combing.

Dimensions: Height (if part of IIIC-3) — 45 mm. (Fig. 10:68 — suggested full scene: IIIC-3 and IIIC-4 put together.)

Motif: Arched ladder above cone; circle; human figure holding stick (?); unidentifiable objects.

Origin: Jerusalem.

Dimensions: Height — 23 mm.; diameter — 11 mm.

Nougayrol (1939: 50) gives the wrong dimensions; compare Macalister 1924: 59.

Publication: Macalister and Duncan 1926: 32, 34, 177; Macalister 1924: 59, fig. 1; Vincent and Stève 1956: III, 618, fig. 185.

*IIIC-5* (x) (Fig. 10:69; Pl. 10:69)

Motif: Upper part of two, possibly more, human figures with upraised arms; animals between the human figures (?).

Origin: El-Karm (map reference 184/216).

Impressed on: Shoulder of closed vessel.

Publication: Zori 1955: 89-90, pl. 10.

## Stamp-Seals

*S-1* (x) (Fig. 11:73)

Motif: Spirals.

Origin: <sup>c</sup>Ai. Reg. No. 63.

Dimensions: Height — 86 mm.

Publication: Marquet-Krause 1939: 39, pl. 68.

## Class X: Varia

*X-1* (Fig. 11:70; Pl. 11:70)

Motif: Inscription in Egyptian hieroglyphics.

Origin: Sharon plain. Reg. No. 524/25.

Present location: Clarke collection, Y.M.C.A., Jerusalem.

Material: Black steatite.

Dimensions: Height — 18 mm.; diameter — 17 mm.

Publication: Rowe 1936: 233, pl. 26: S 1.

*S-1a* (x) (Fig. 11:74; Pl. 11:74)

Motif: Spirals.

Origin: Tell Beit Mirsim.

Dimensions: Height — 40 mm.; width — 42 mm.

Publication: Albright 1938: 47; pl. 30:6, 31:4.

*X-2* (Fig. 11:71; Pl. 11:71)

Motif: Unidentifiable.

Origin: Megiddo. Reg. No. A 16869.

Present location: Oriental Institute, Chicago.

Impressed on: Body fragment of closed vessel (possibly hole-mouth jar).

Publication: Engberg and Shipton 1934b: 31, figs. 10:E, 11:E.

*S-2* (Fig. 11:75; Pl. 11:75)

Motif: Coiled snake.

Origin: Tell el-Far<sup>c</sup>ah (north). Reg. No. 867.

Present location: École Biblique, Jerusalem.

Impressed on: Several impressions on shoulder of large jar; brown slip.

Dimensions: Height — 40 mm.; width — 38 mm.

Publication: De Vaux and Stève 1948: 551-52, fig. 3, pls. 22, 23:1.

*X-3* (x) (Fig. 11:72)

(The attribution of this impression to Early Bronze Age is very doubtful. See chapter 3.)

*S-3* (Fig. 11:76)

Motif: Horned animal; unidentifiable animal.

Origin: Tell el-Far<sup>c</sup>ah (north). Reg. No. 867.

Present location: École Biblique, Jerusalem.

Impressed on: Several impressions on shoulder of large jar; brown slip.

Dimensions: Height — 40 mm.; width — 38 mm.

Publication: De Vaux and Stève 1948: 551-52, fig. 3, pls. 22, 23:1.

**S-4 (x) (Fig. 11:77; Pl. 11:77)**

**Motif:** Horned animal; plant (?).

**Origin:** Tabor dry river.

**Present Location:** Israel Department of Antiquities.

**Material:** Dark gray stone.

**Dimensions:** Height — 30 mm.; width — 30 mm.

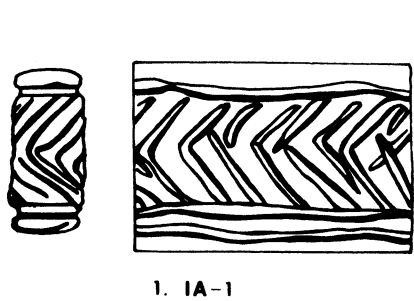
**S-5 (x) (Fig. 11:78; Pl. 11:78)**

**Motif:** File of four human figures, the first one holds an unidentifiable object.

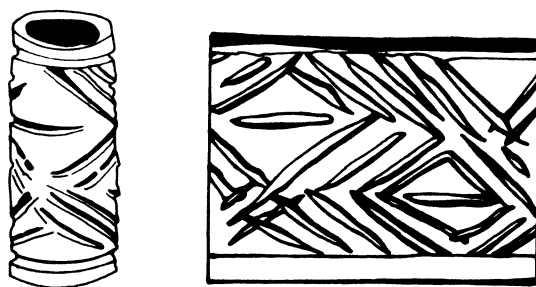
**Origin:** Tel Ya'af (map reference 202/264).

**Impressed on:** Jar handle.

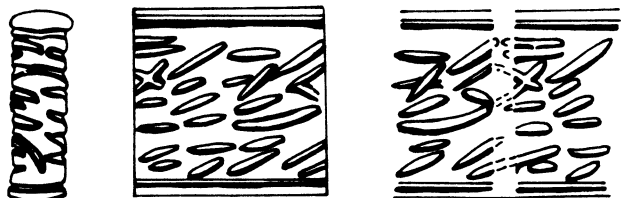
**Dimensions:** Height — 25 mm.; width — 30 mm.



1. IA-1



2. IA-2



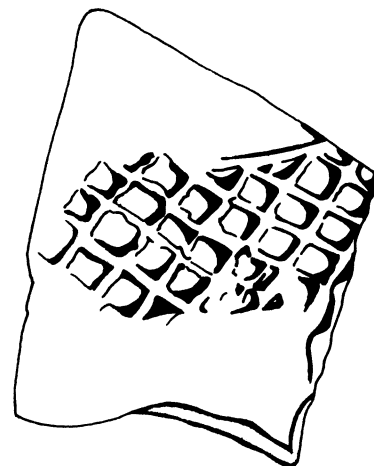
3. IA-3



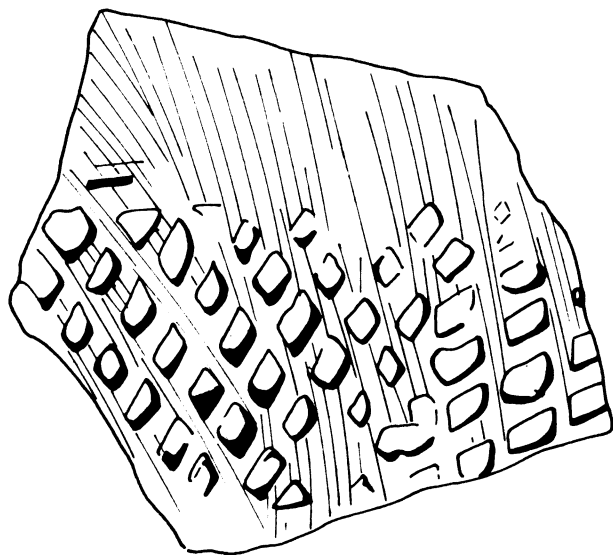
4. IA-3



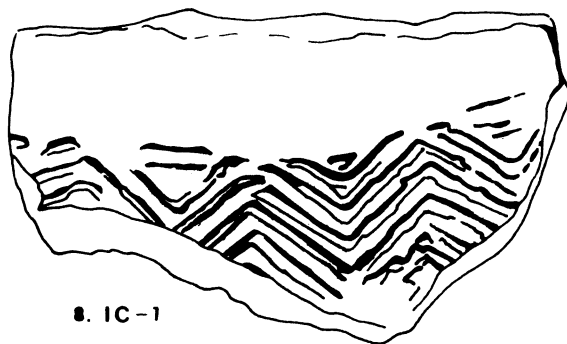
5. IB-1



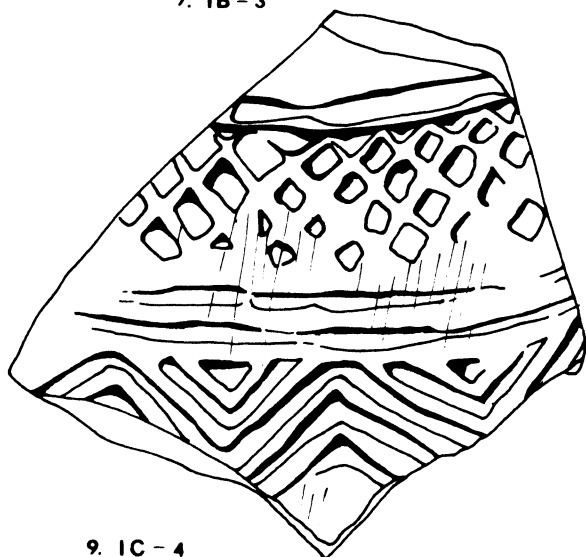
6. IB-2



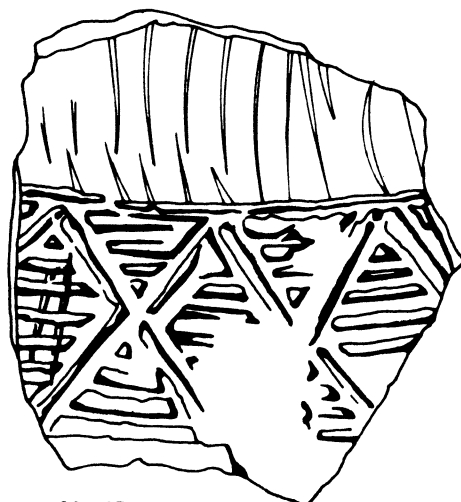
7. IB-3



8. IC-1



9. IC-4



10. ID-1

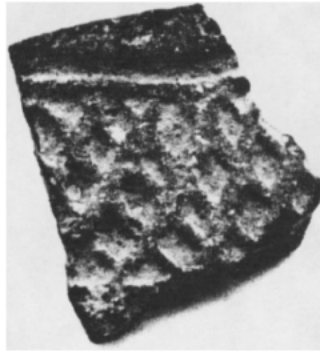
Figure 1



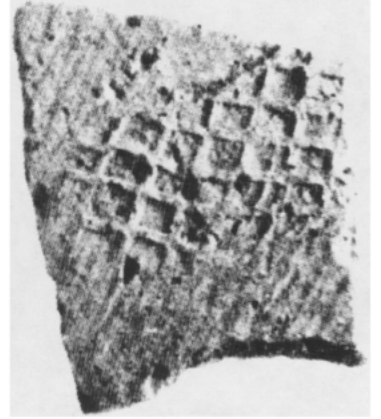
1. IA-1



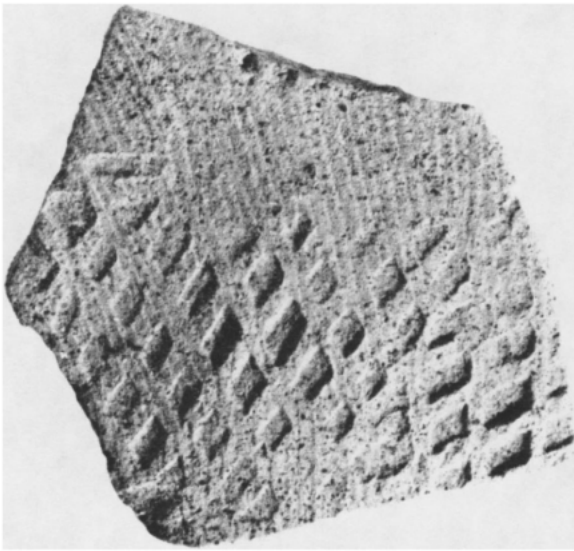
2. IA-4



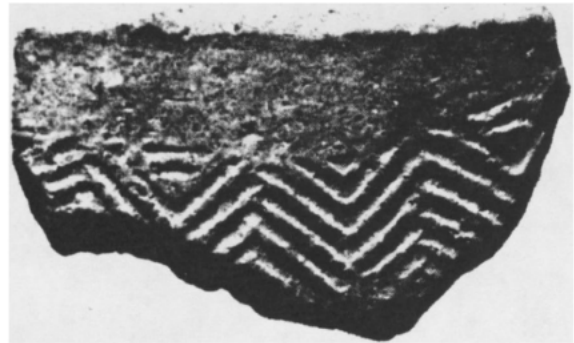
5. IB-1



6. IB-2



7. IB-3



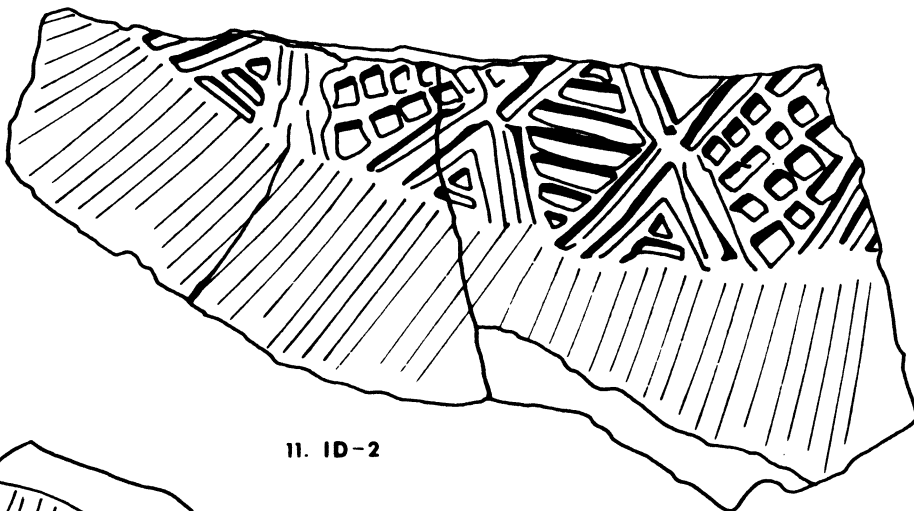
8. IC-1



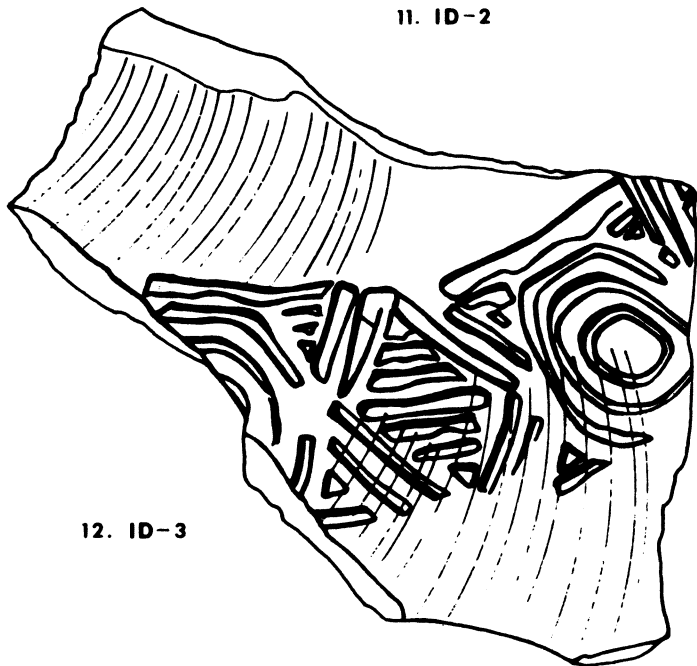
9. IC-4



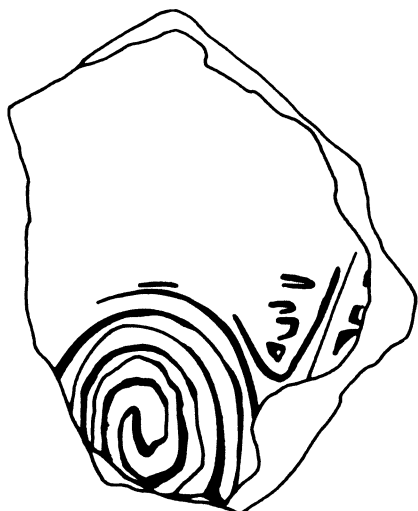
10. ID-1



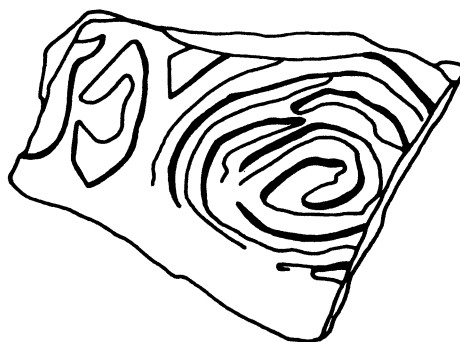
11. ID-2



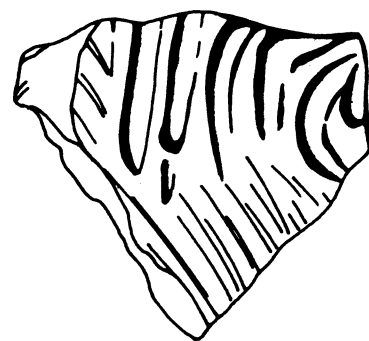
12. ID-3



13. ID-5

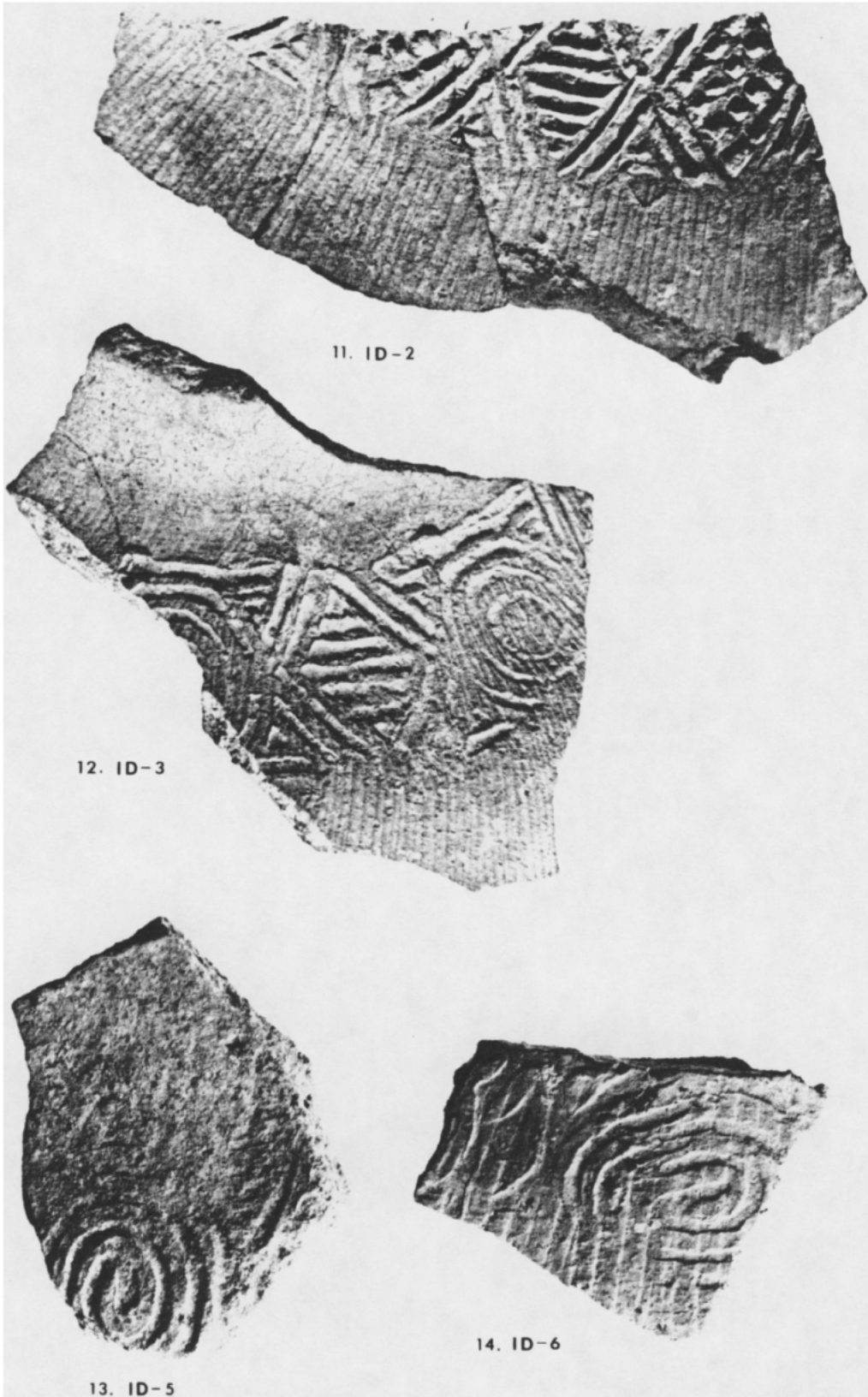


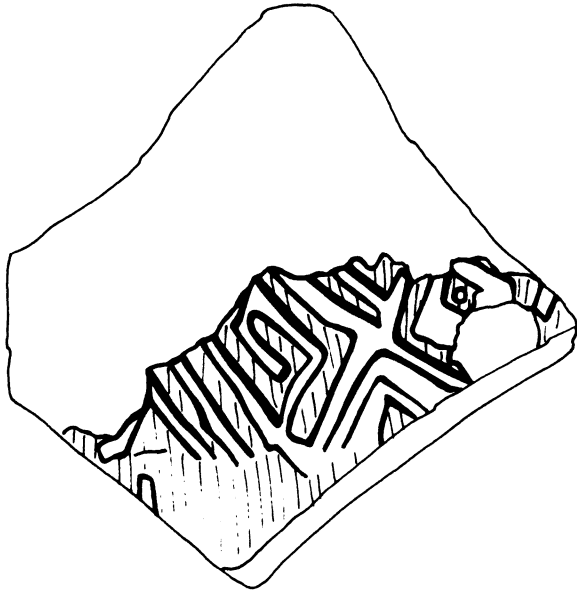
14. ID-6



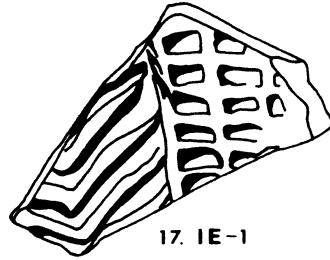
15. ID-7

Figure 2

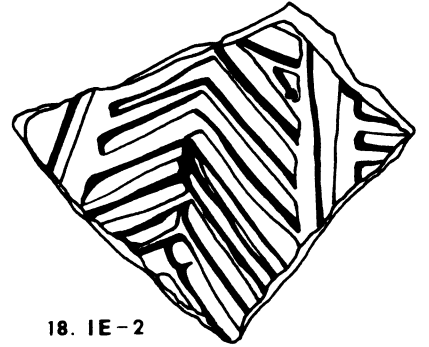




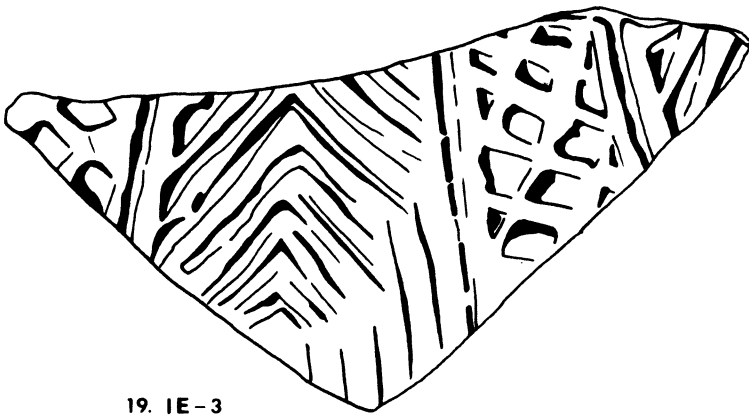
16. ID-8



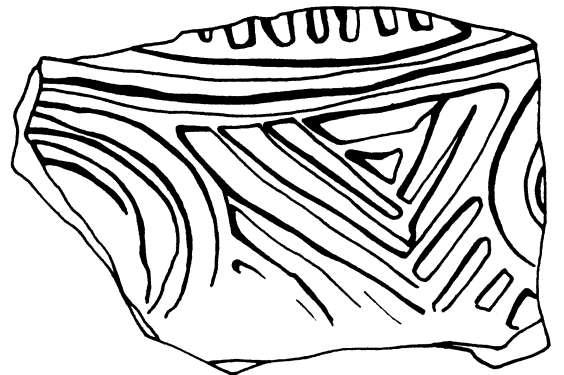
17. IE-1



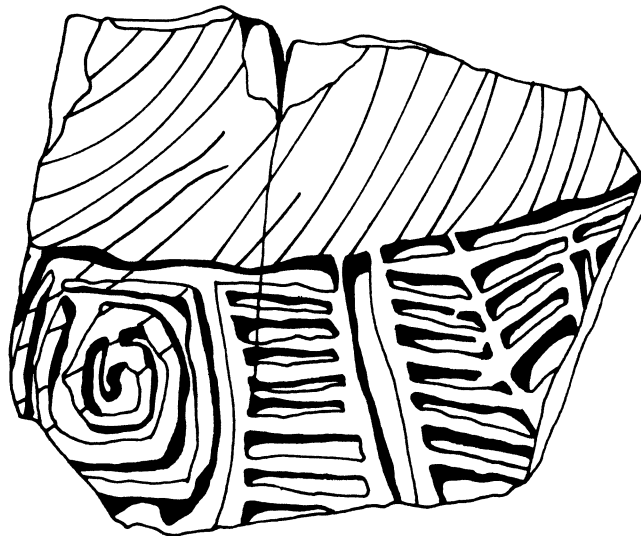
18. IE-2



19. IE-3



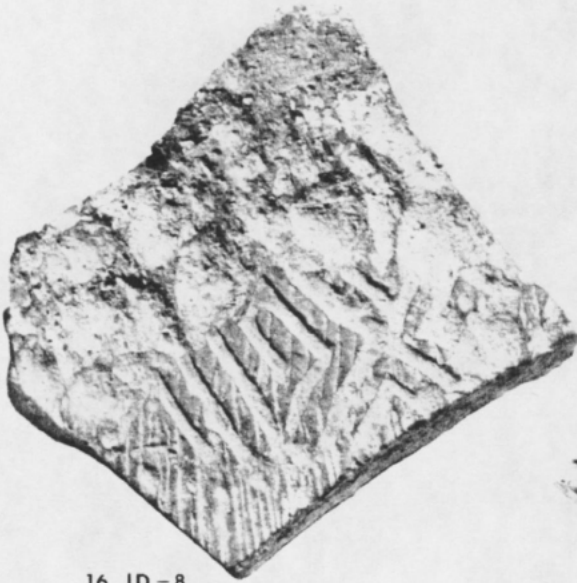
20. IE-4



21. IE-5

Figure 3





16 ID-8



17. IE-1



18. IE-2



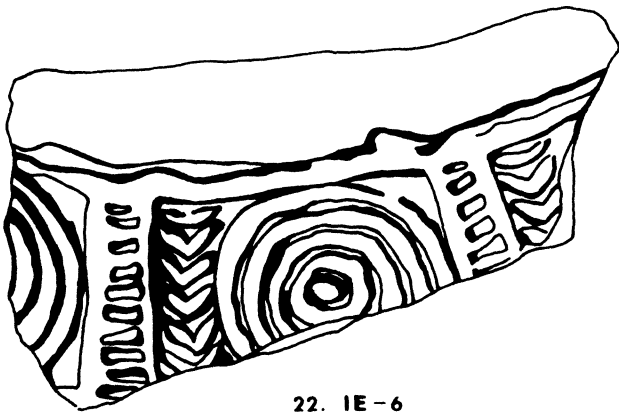
19. IE-3



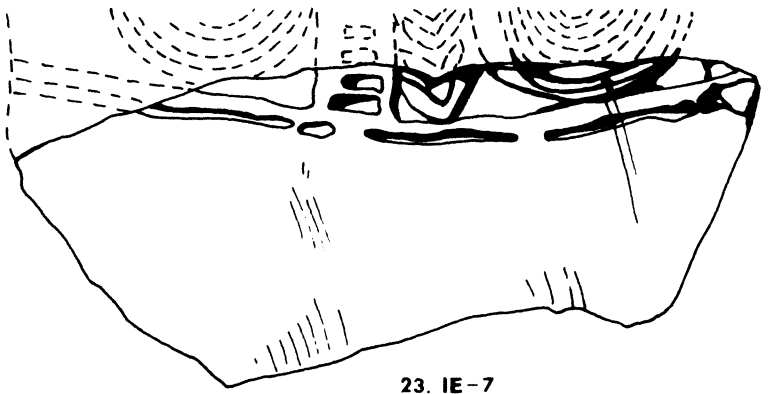
20. IE-4



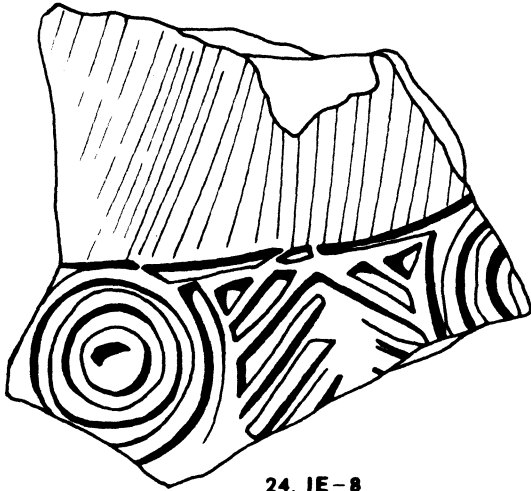
21. IE-5



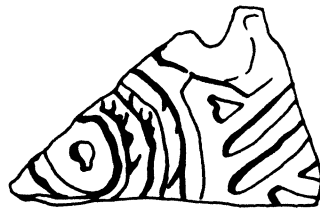
22. IE-6



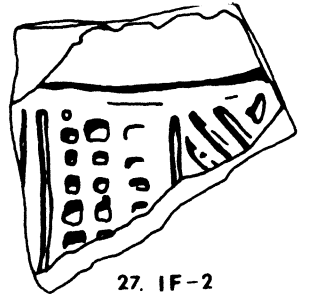
23. IE-7



24. IE-8



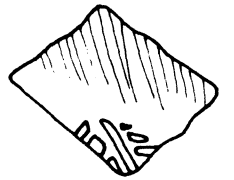
25. IE-9



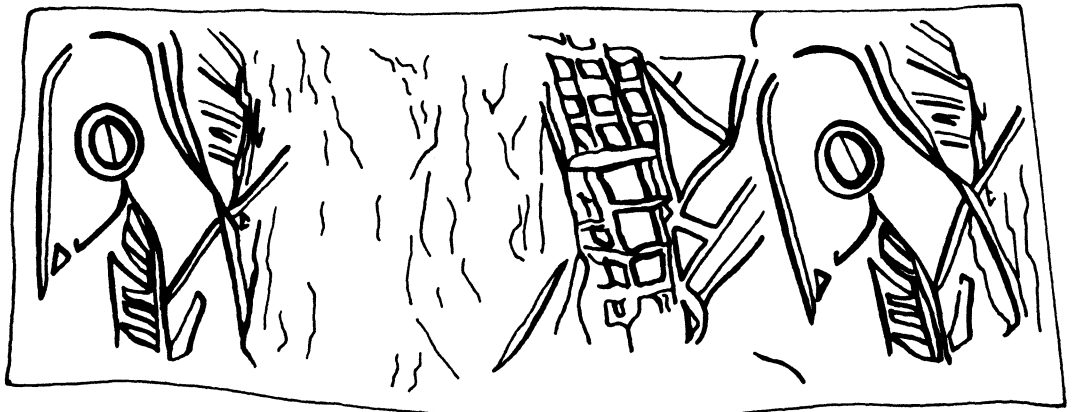
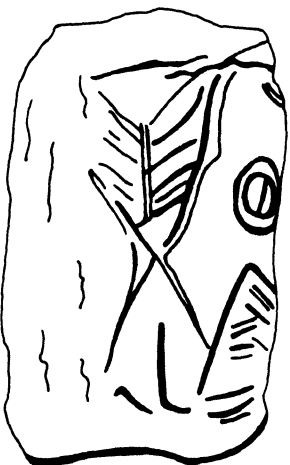
27. IF-2



26. IF-1



28. IF-3



29. IF-5

Figure 4



22. IE-6



23. IE-7



24. IE-8



25. IE-9



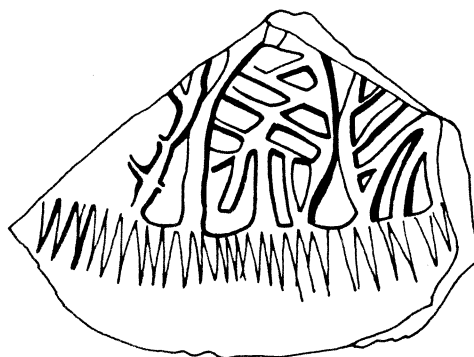
27. IF-2



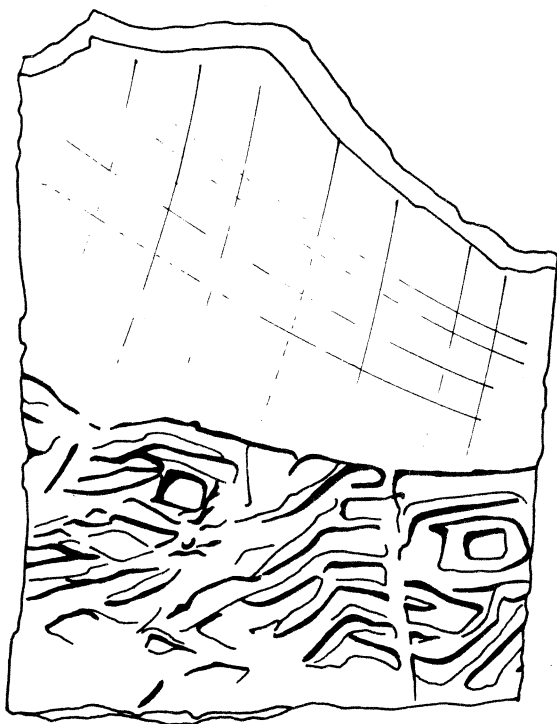
26. IF-1



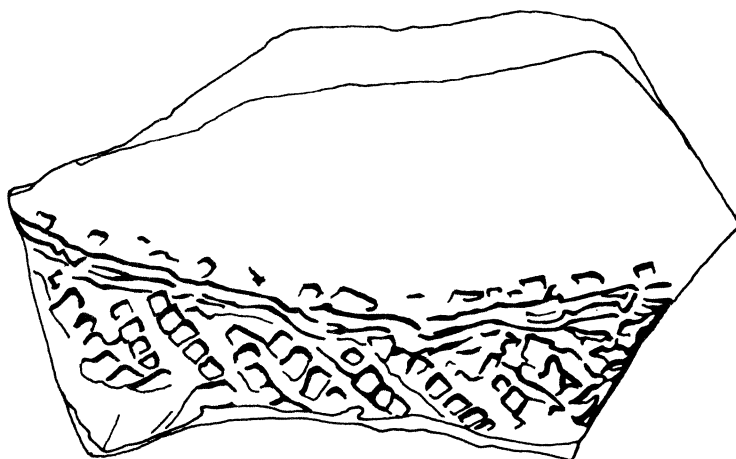
29. IF-5



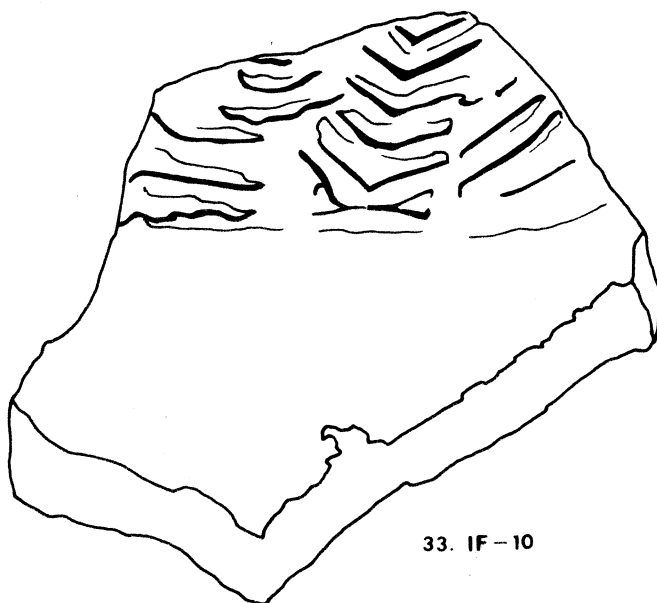
30. IF-6



31. IF-7

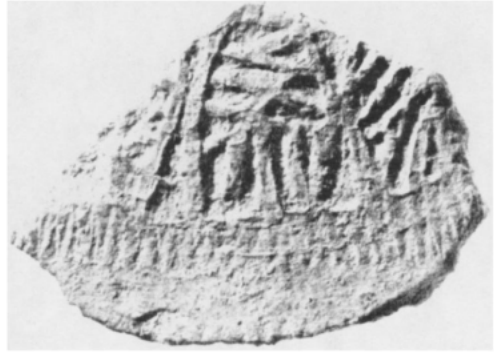


32. IF-9



33. IF-10

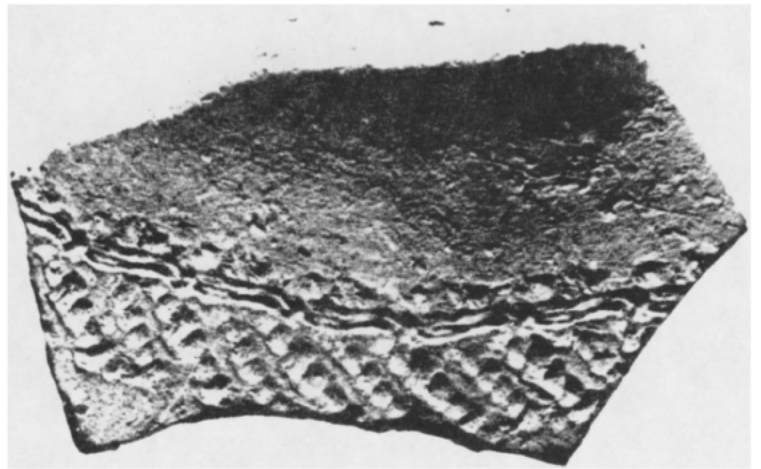
Figure 5



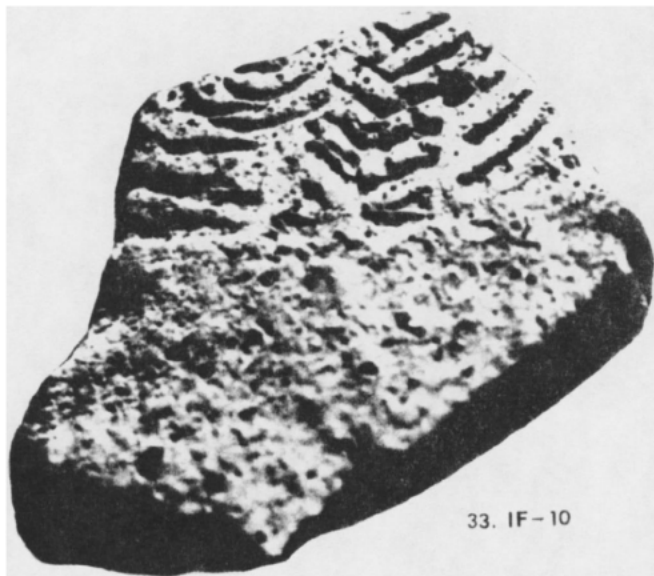
30. IF-6



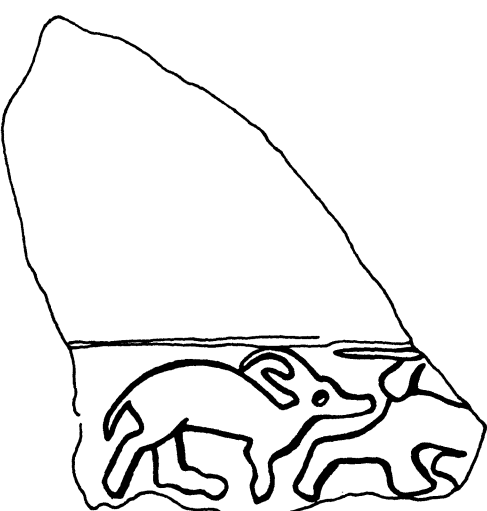
31. IF-7



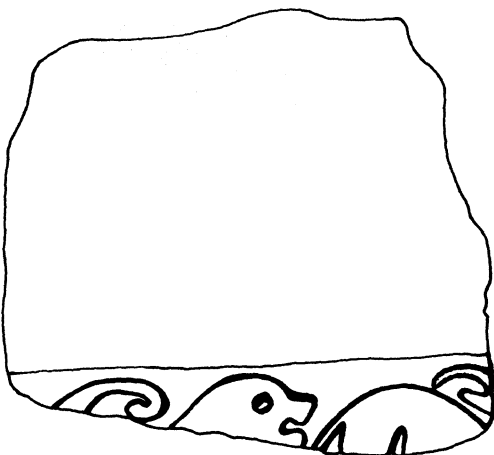
32. IF-9



33. IF-10



34. IIA-1



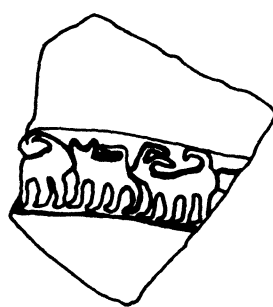
35. IIA-2



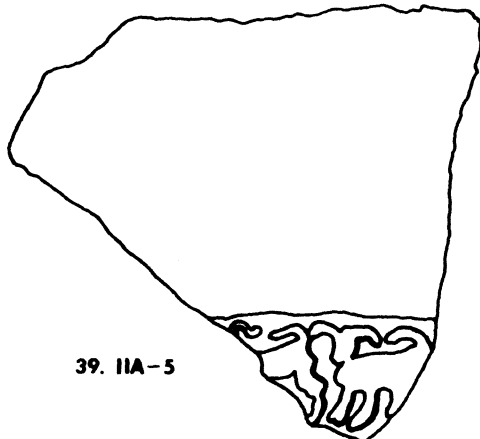
36. IIA-3



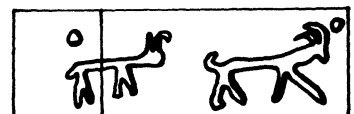
37. IIA-1,2,3



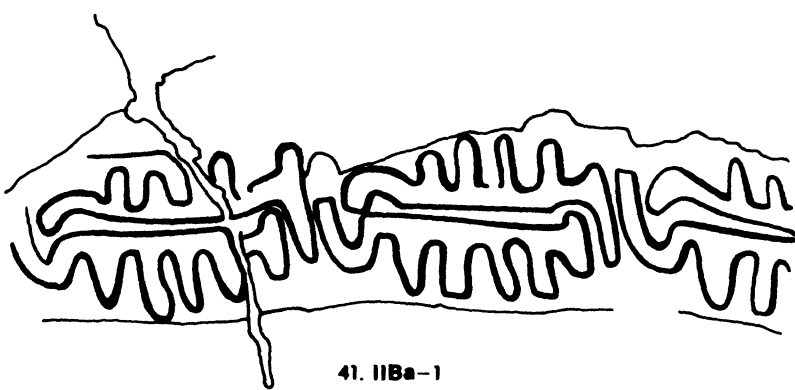
38. IIA-4



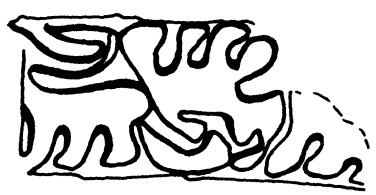
39. IIA-5



40. IIA-6



41. IIBa-1



42. IIBa-2

Figure 6



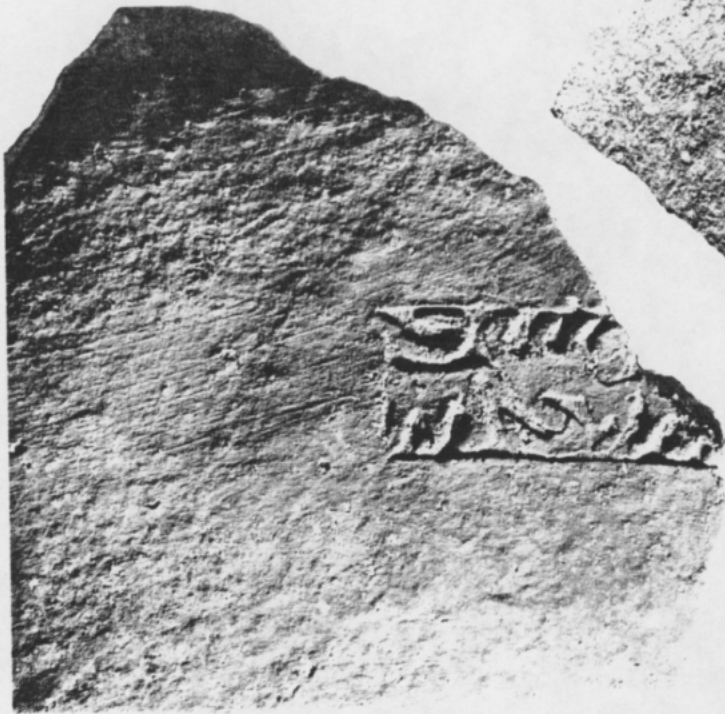
34. IIA-1



35. IIA-2



36. IIA-3



42. IIBa-2



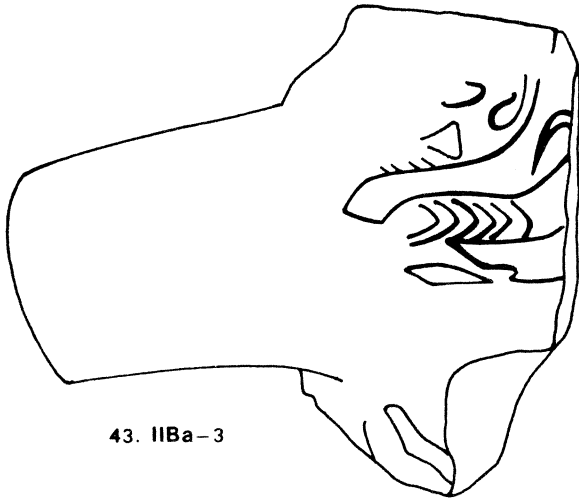
39. IIA-5



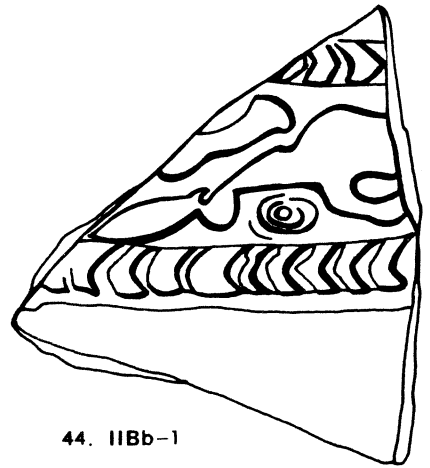
38. IIA-4



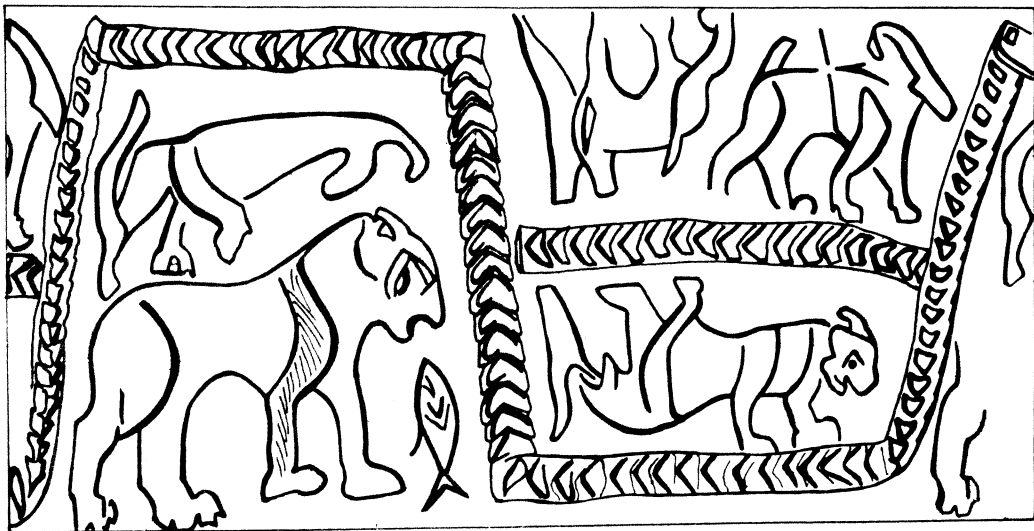
41. IIBa-1



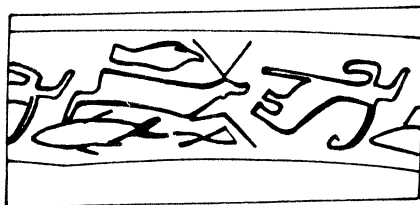
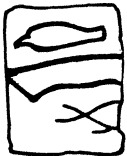
43. IIBa-3



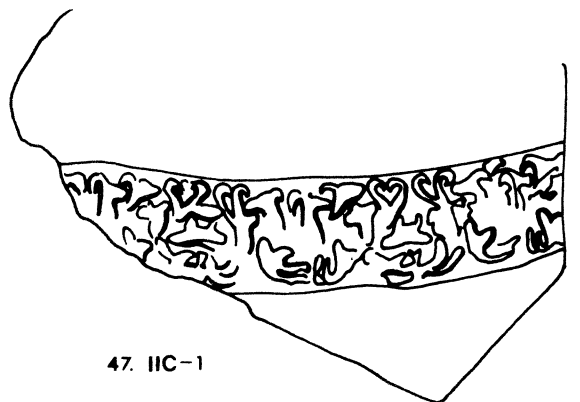
44. IIBb-1



45. IIBb-2



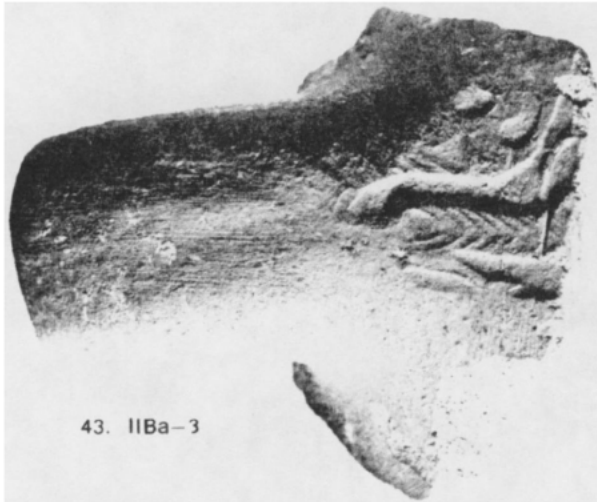
46. IIBb-3



47. IIC-1

Figure 7

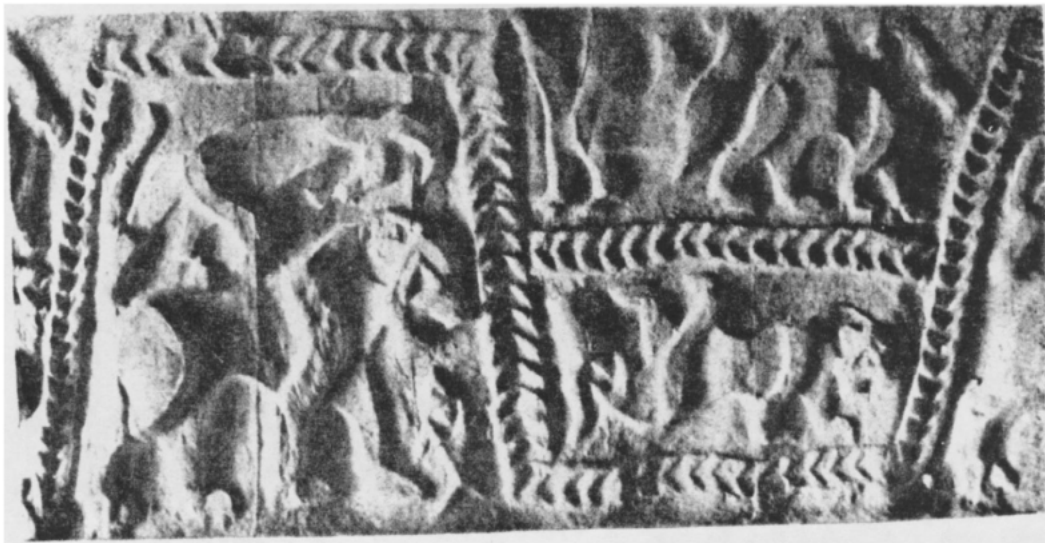




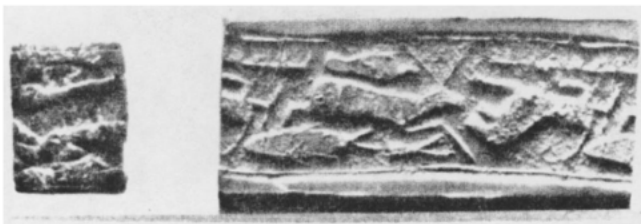
43. IIBa-3



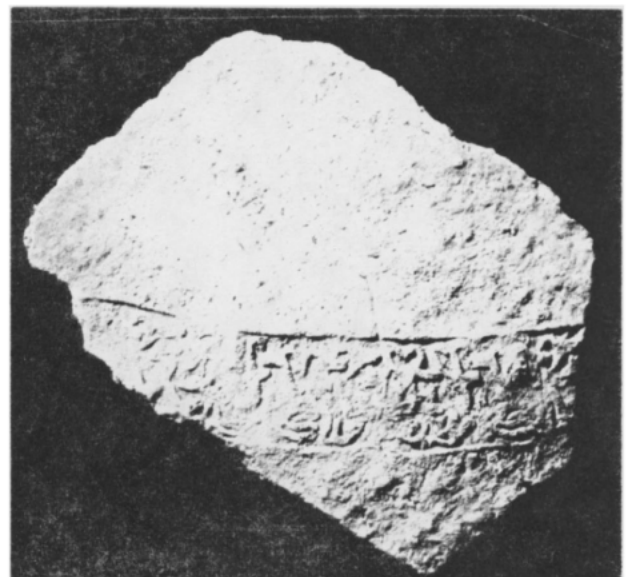
44. IIBb-1



45. IIBb-2



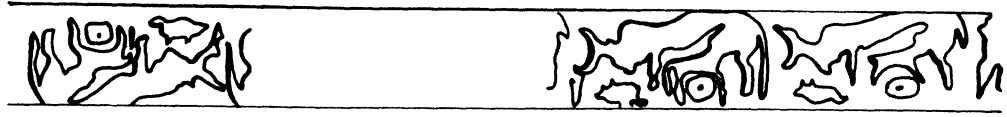
46. IIBb-3



47. IIC-1



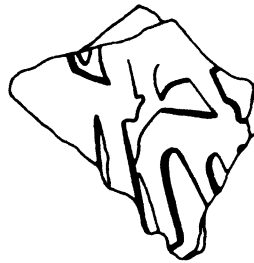
48. IIC-2



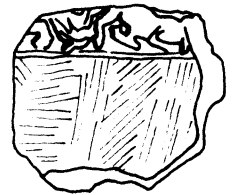
49. IIC-3



50. IIC-4



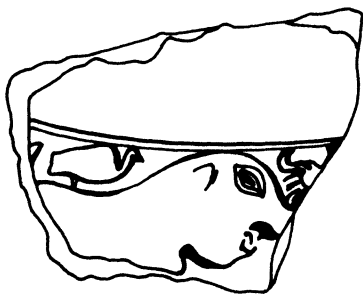
51. IIC-5



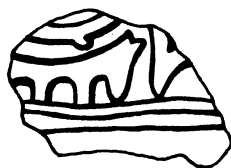
52. IIC-6



53. IIC-7



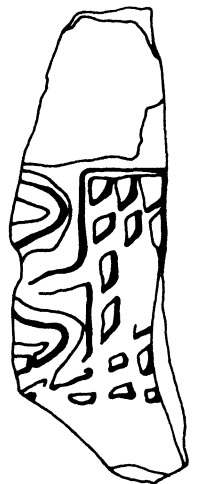
54. IIC-8



55. IIC-9

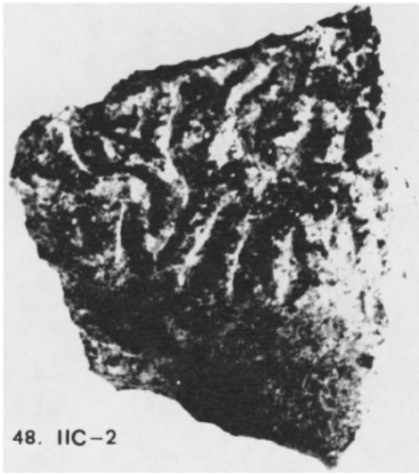


56. IIC-11

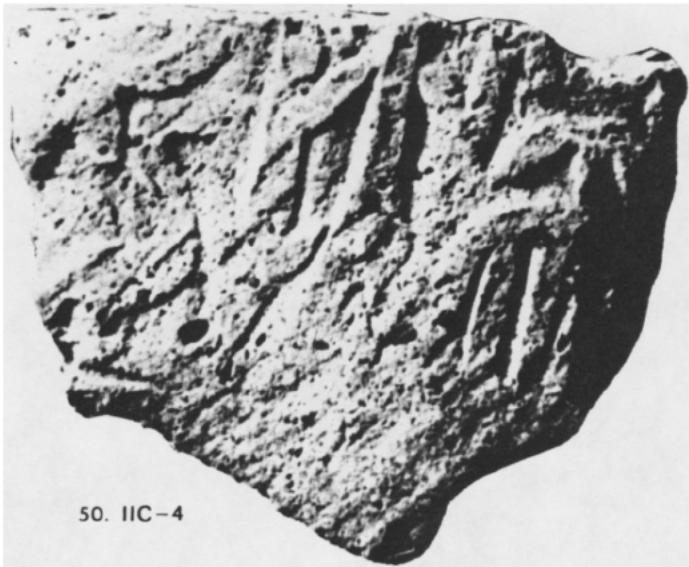


57. IIC-12

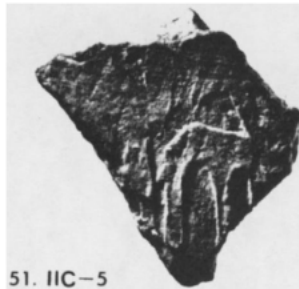
Figure 8



48. IIC-2



50. IIC-4



51. IIC-5



54. IIC-8



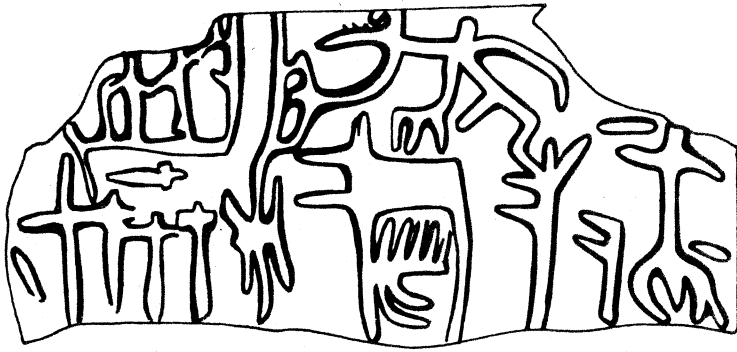
55. IIC-9



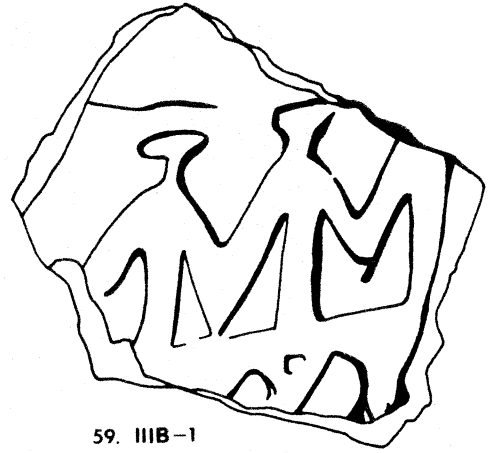
56. IIC-11



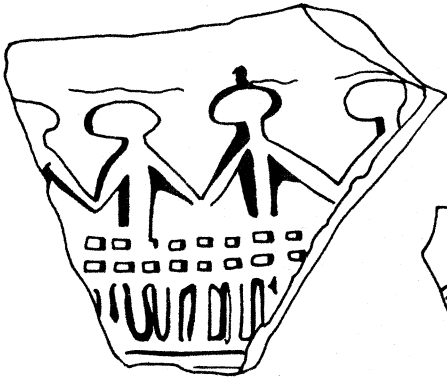
57. IIC-12



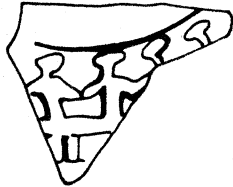
58. IIIA-1



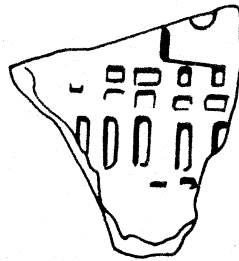
59. IIIB-1



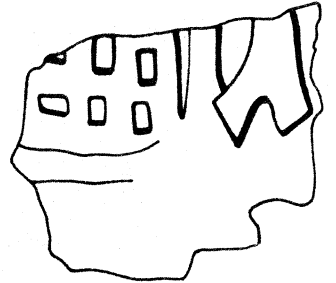
60. IIIB-2



61. IIIB-3



62. IIIB-4

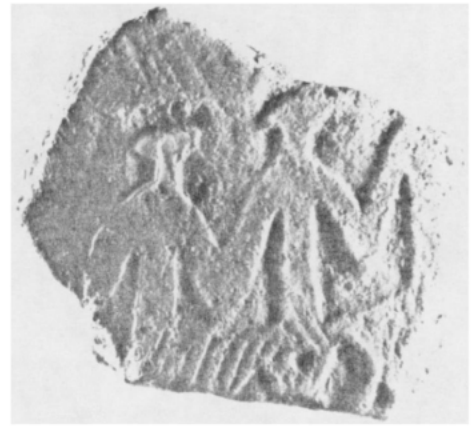


63. IIIB-5

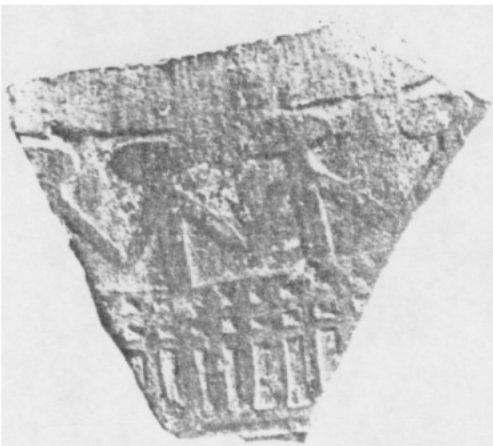


64. IIIC-1

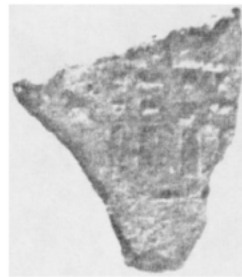
Figure 9



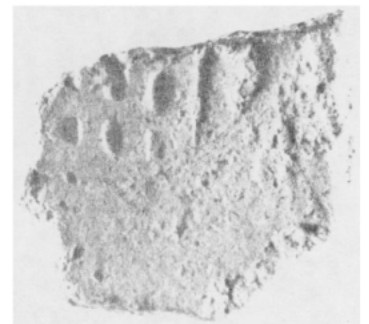
59. IIIB-1



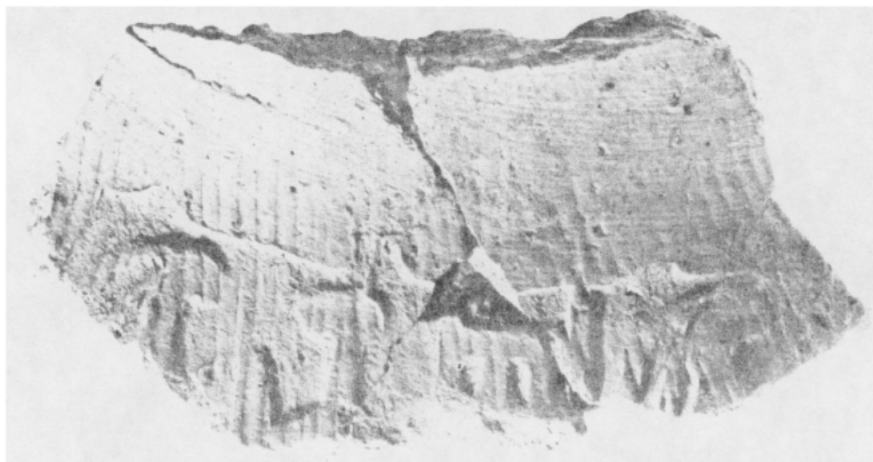
60. IIIB-2



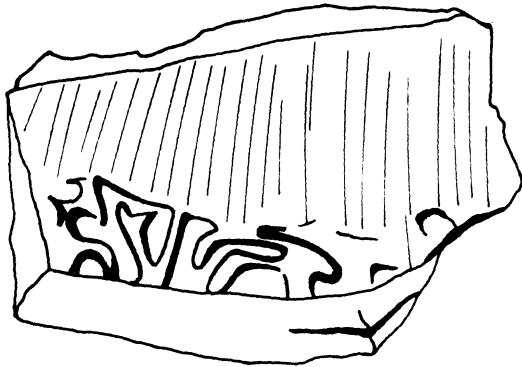
62. IIIB-4



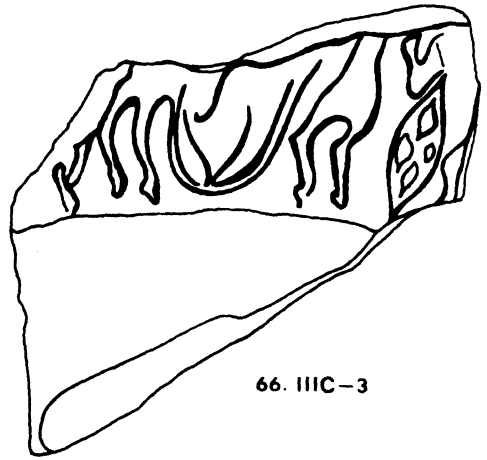
63. IIIB-5



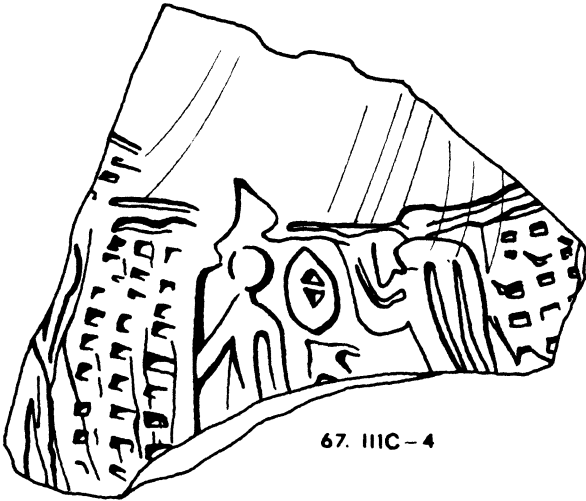
64. IIIC-1



65. IIIIC-2



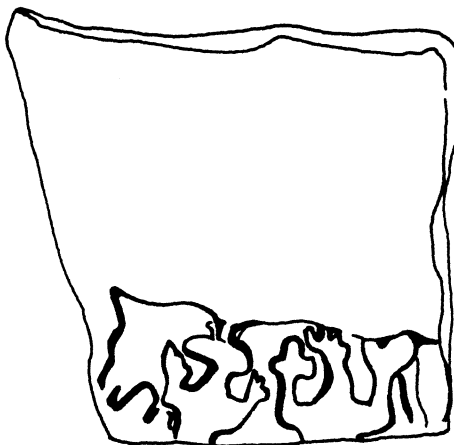
66. IIIIC-3



67. IIIIC-4



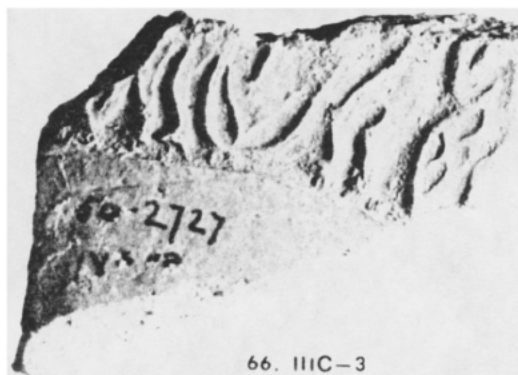
68. IIIIC-3, 4



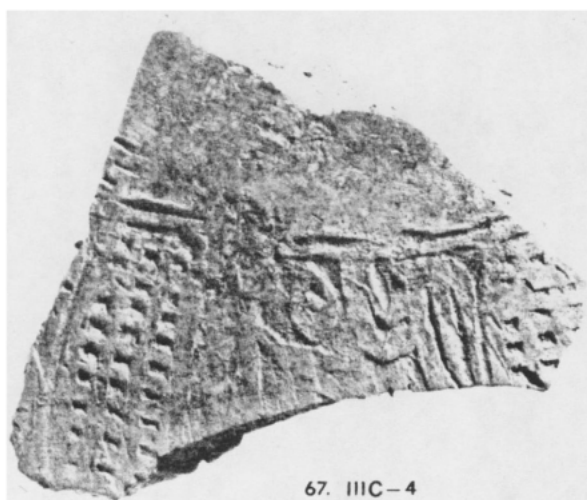
69. IIIIC-5



65. IIIC-2



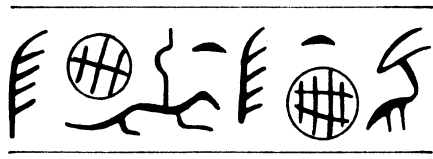
66. IIIC-3



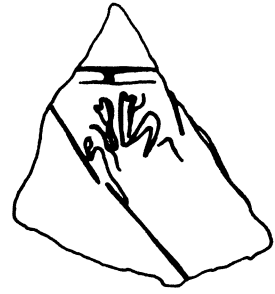
67. IIIC-4



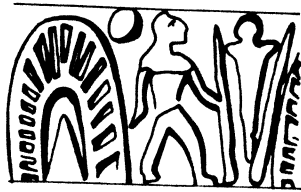
69. IIIC-5



70. X-1



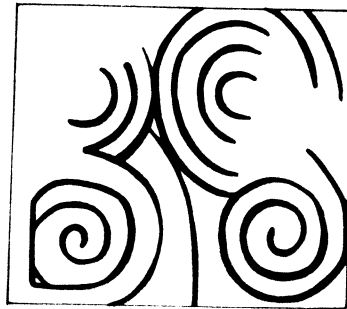
71. X-2



72. X-3



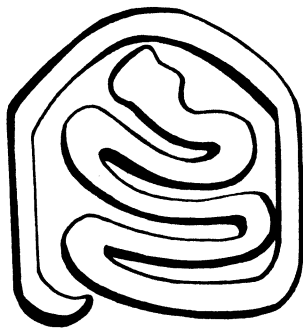
73. S-1



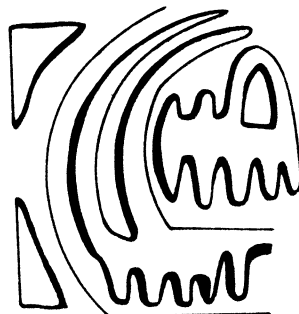
74. S-1a



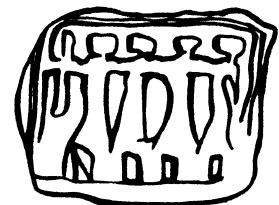
77. S-4



75. S-2



76. S-3



78. S-5

Figure 11





70. X-1



71. X-2



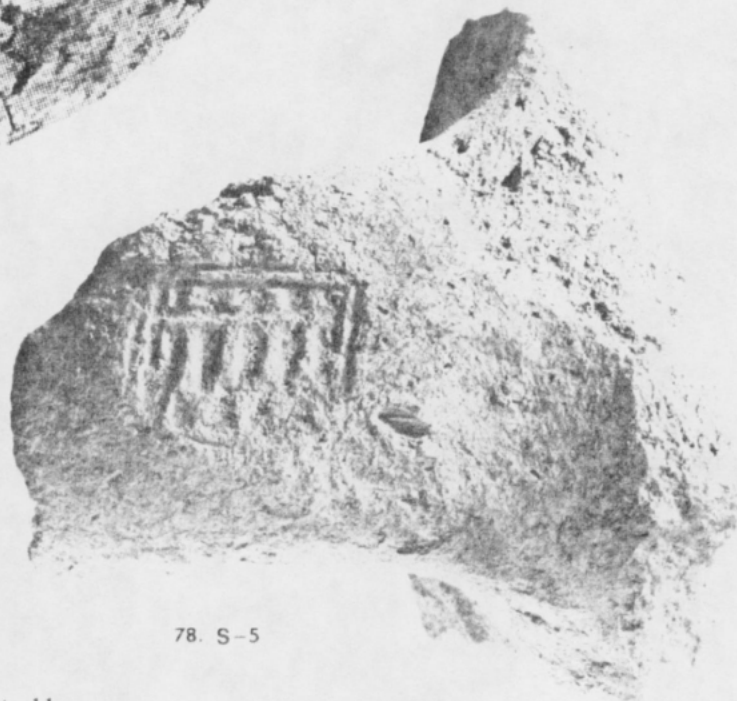
74. S-1a



77. S-4



75. S-2



78. S-5