

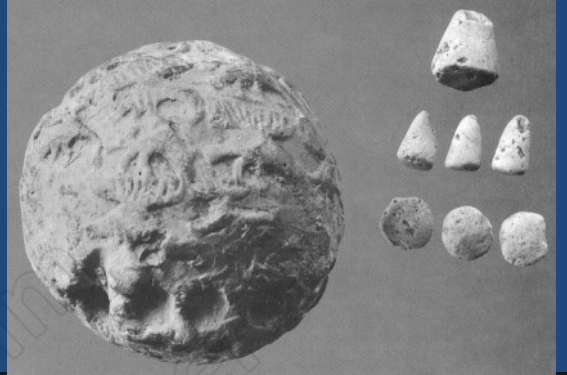
2900 B.C.	Jemdet Nasr	Late Middle Early
3100 B.C.	Uruk	
4000 B.C.	Ubaid	
5000 B.C.		

URUK YAYILIMI

- ◻ Southern Uruk & Iranian Late Chalcolithic
- ◻ Northern Late Chalcolithic
- ▲ Southern Uruk & Northern Late Chalcolithic
- Southern Uruk
- ⋯ 3,000 ft. (914.5 m) above sea level



Yazının icadı ve
silindir mührlerin
ortaya çıkışı



Çivi yazısının gelişimi

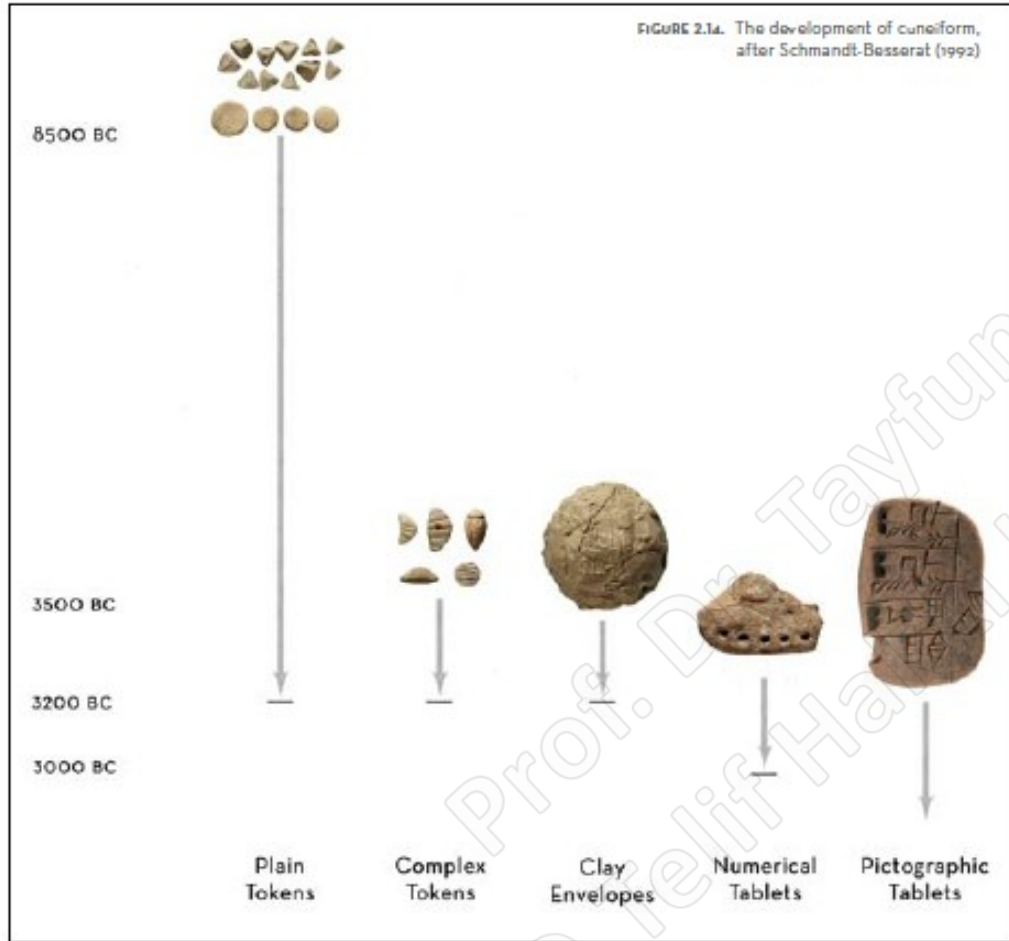


FIGURE 2.3. Comparison of selected Uruk IV and Uruk III signs

Uruk IV ca. 3200 BC	Uruk III ca. 3100 BC

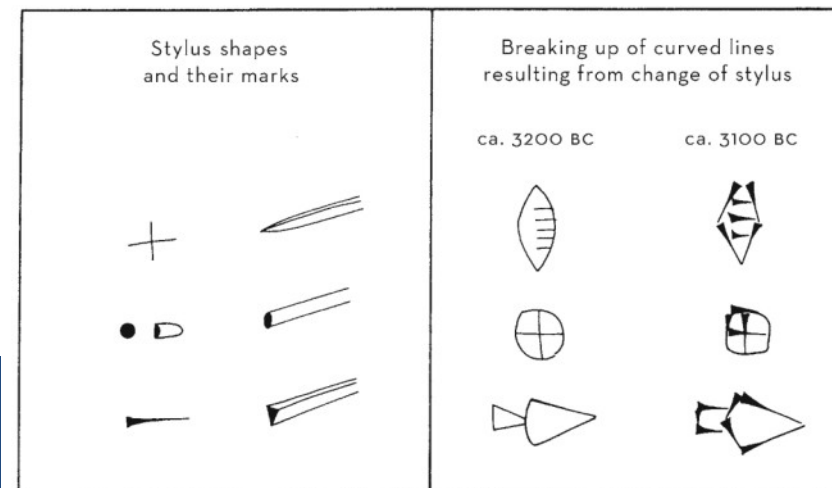







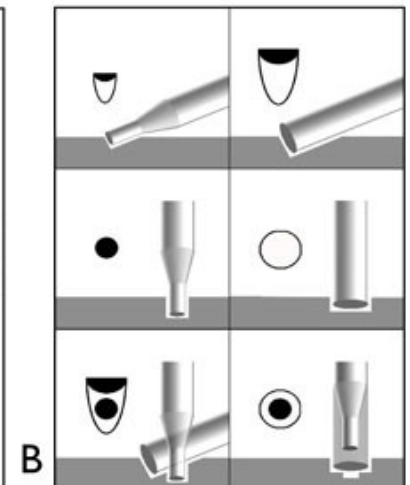
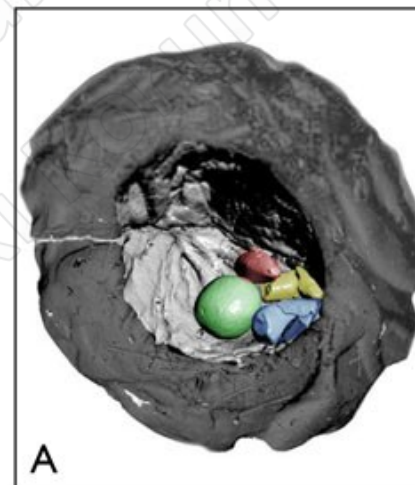
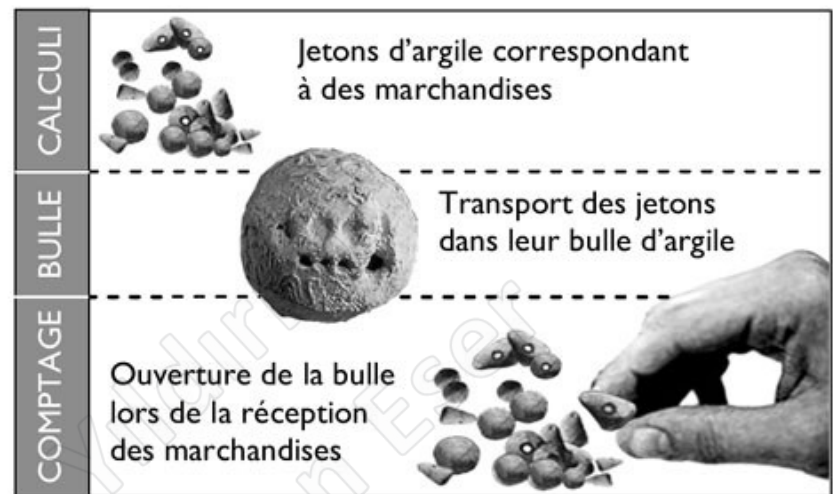


FIGURE 2.4. In the Uruk III phase incising is replaced by impressing the triangular cross-sectioned stylus into the surface of the clay tablet

JETONS CALCULI	EMPREINTES D'ARGILE	VALEURS NUMÉRIQUES
Petit cône 		I
Petite bille 		10
Grand cône 		10 x 6 60
Grand cône perforé 		10 x 6 x 10 600
Sphère 		10 x 6 x 10 x 6 3 600
Sphère perforée 		10 x 6 x 10 x 6 x 10 36 000



(à gauche) Liste des calculi, des marques numéraires et des valeurs numéraires semblant leur correspondre. (en haut à droite) La découverte de bulles d'argile contenant des jetons de comptabilité a conduit au concept selon lequel les bulles garantissaient lors du transport la non-dépréciation de la qualité et de la quantité des marchandises. (en bas à droite) A) Image 3D par tomographie numérique d'une bulle d'argile de Choga Mish contenant des calculi de différentes valeurs ; B) les encoches géométriques, réalisées avec deux calames sur la surface de la bulle d'argile, correspondent aux jetons qu'elle contient. © 2013. La Théorie Sensorielle.

A – DUB

CDLI n° : P001239



CDLI n° : P 001203



CDLI n° : P 001252



CDLI n° : P001182



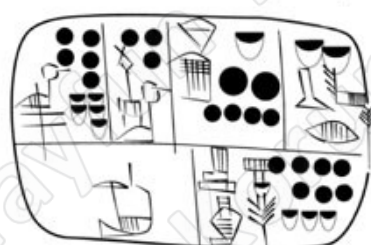
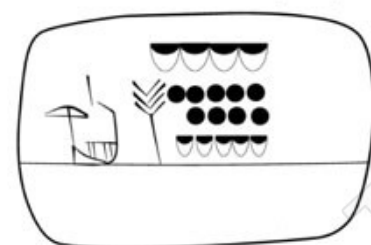
B – NIG₂-KA₉-AKA



CDLI n° : P005369 (recto)



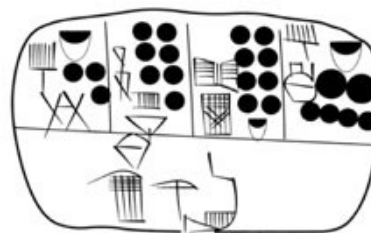
CDLI n° : P005369 (verso)



CDLI n° : P005375 (recto)



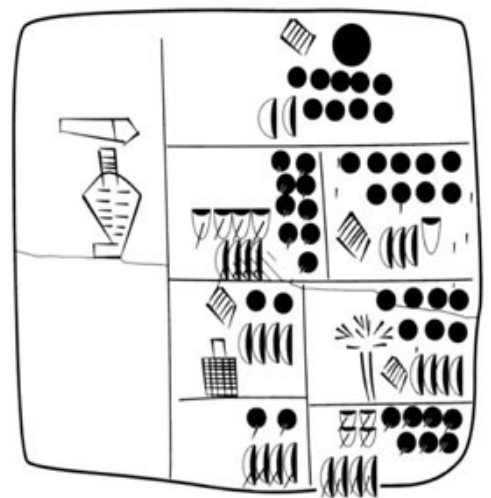
CDLI n° : P005375 (verso)



C – NIGIN₂

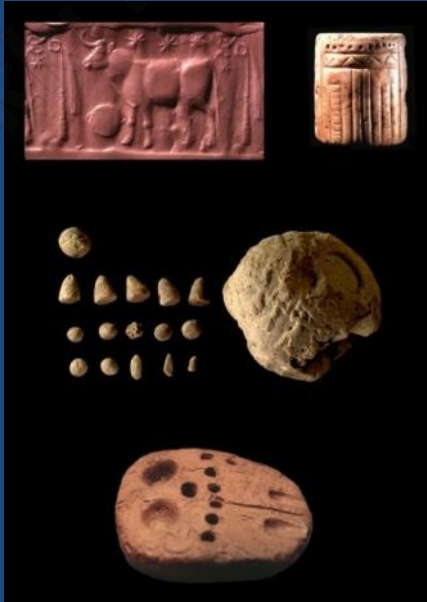


CDLI n° : P005362 (verso)





Uruk Silindir Mühürleri





a



b



c



d



e



f



g



h



i



j



k



l



m



n



a



W 14772c 1



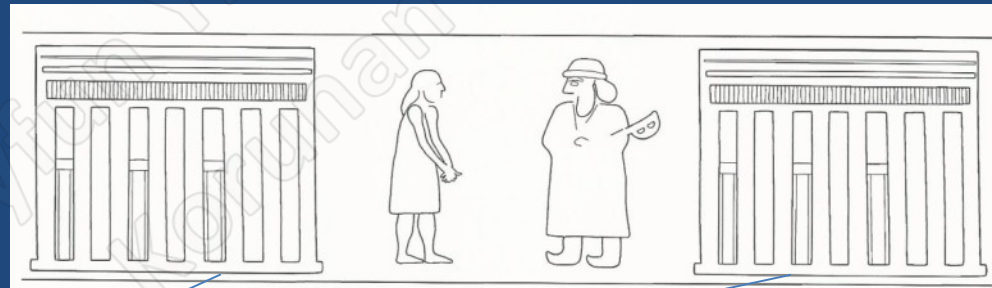


Abb. 24.8 Rekonstruktionszeichnung von Abrollungen auf gesiegelten Tonfragmenten (siehe u. a. VA 10724) mit der Darstellung von zwei Personen vor einer Architekturfassade. Berlin, Vorderasiatisches Museum



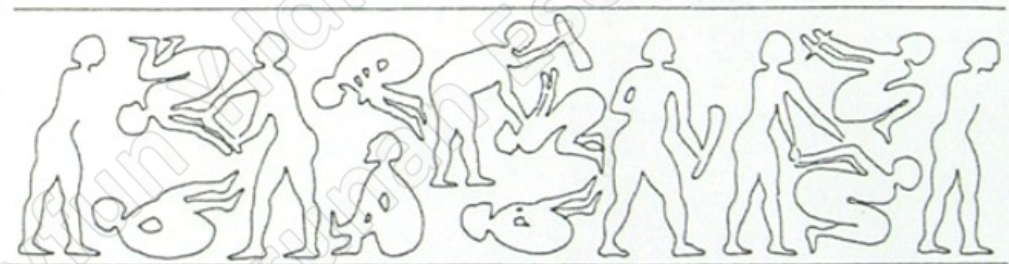
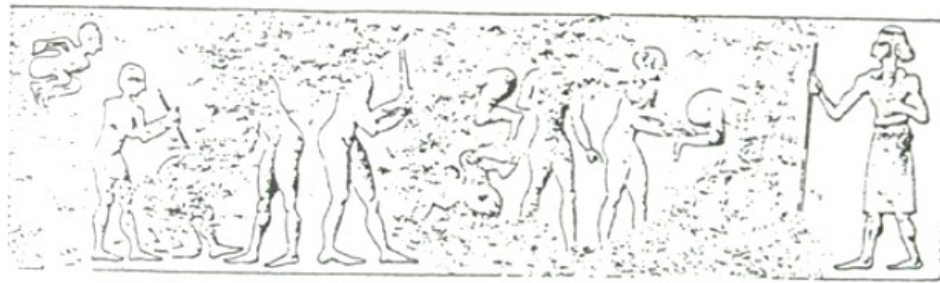


Figure 28. Drawing of a seal impression depicting a priest-king fighting enemies before a horned building. Seal: Susa, late Uruk period, ca. 3300 B.C. Clay, H. 1 in. (2.5 cm). Paris, Musée du Louvre, Sb. 0127.

Abb. 11.4 Roll-
siegel: Drei Scha-
fe, zwei ohne, ei-
nes mit Hörnern,
flankiert von ein-
em Schilfring-
bündel. Uruk,
Ende 4. Jt. v.
Chr., Chalcedon.
Berlin, Vorder-
asiatisches Muse-
um, VA 11043,
W 14597 I



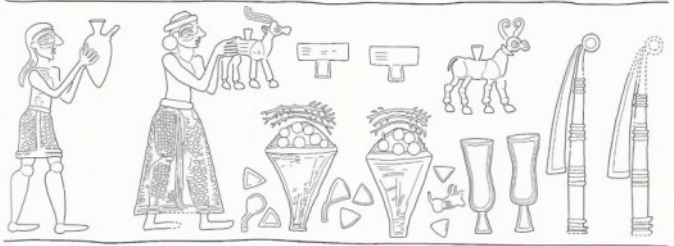
Abb. 11.5 Roll-
siegel: Frau mit
Schilfringbündel
vor zwei großen
Gefäßen und
Gabenbringer.
Uruk, Ende 4. Jt.
v. Chr., Alabaster.
Berlin, Vorder-
asiatisches Mu-
seum, VA 11041,
W 14772 c2



Abb. 11.6 Roll-
siegel. Ein mit ein-
em Schurz be-
kleideter, einen
Stab tragender
Mann, gefolgt
von zwei nack-
ten. Standarten
tragenden Die-
nern, vor einer
Tempelfassade.
Abu Hatab (?),
Ende 4. Jt. v. Chr.,
Speckstein. Ber-
lin, Vorderasiati-
sches Museum,
VA 10893



Abb. 20.5 Roll-
siegel: ‚Kultausstatter‘: Der ‚Große Mann von Uruk‘
bringt Kultutensilien. Uruk-Zeit, 4. Jt. v. Chr., Magnesit. Dresden,
Staatliche Kunstsammlungen, Skulpturensammlung ZV 2996, Ankauf.
Unten: Umzeichnung





14. Cylinder seal

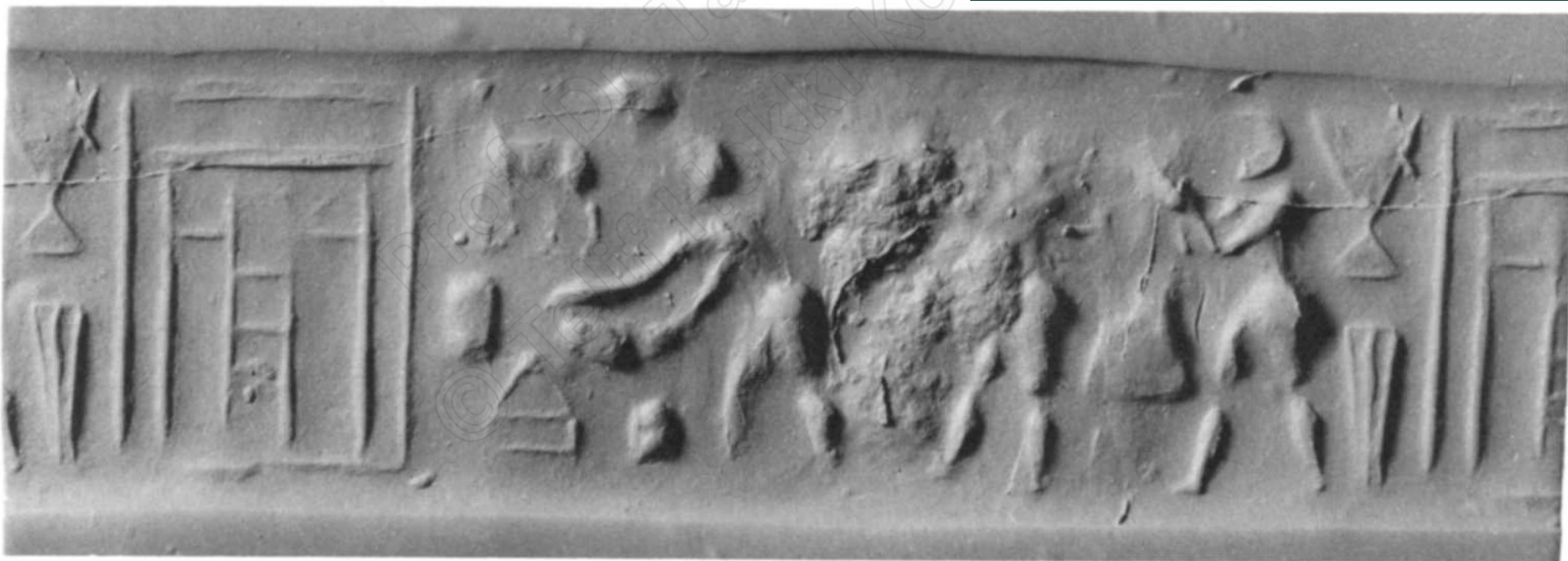
Southern Mesopotamia; Late Uruk, ca. 3500–3100 B.C.
Bituminous limestone; H. 38 mm., Diam. 24 mm.

Three nude male figures approach a temple at left. The first pours from a vessel into a rectangular container; the second is partially obscured by damage; the third raises a vessel(?) in his clasped hands. In the field, a sheep, two unidentified rectangular forms, a container, a footed cup, and a beaker(?).

1983.314.1

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Near Eastern Seals from
the Collection of
Martin and Sarah Cherkasky



4. CYLINDER SEAL WITH
HORNED ANIMAL AND
TEMPLE FACADE

Marble

Late Uruk period, 3350-3100 BC

Iraq, Khafajah, Sin Temple IV

3.3 x 2.3 cm

OIM A17754

PUBLISHED

Frankfort 1955, no. 202.



4

4, modern impression



5

5, modern impression

5. CYLINDER SEAL WITH TWO
HORNED ANIMALS AND
TEMPLE FACADE

Marble

Late Uruk period, 3350-3100 BC

Iraq, Khafajah, Sin Temple III

3.3 x 2.9 cm

OIM A21370

PUBLISHED

Frankfort 1955, no. 42.

6. CYLINDER SEAL WITH
ANIMALS AND THE "REED
BUNDLE" SYMBOL OF THE
GODDESS INANA

Calcite

Late Uruk period, 3350-3100 BC

Iraq

3.4 x 3.5 cm

Purchased, 1920

OIM A3648



6

6, modern impression



37



37. BULLA WITH SEAL IMPRESSIONS

Clay

Late Uruk period, 3350-3100 BC

Iran, Chogha Mish

6.8 x 3.7 x 3.7 cm

OIM A64679



38



38. SEALING

Clay

Late Uruk period, 3350-3100 BC

Iran, Chogha Mish

3.5 x 3.1 x 2.1 cm

ChM III-811



31



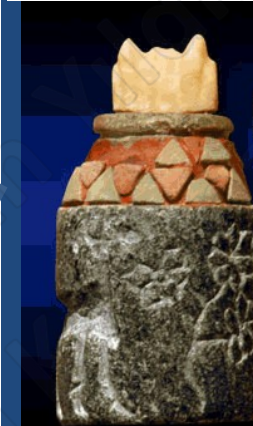
32



33



34

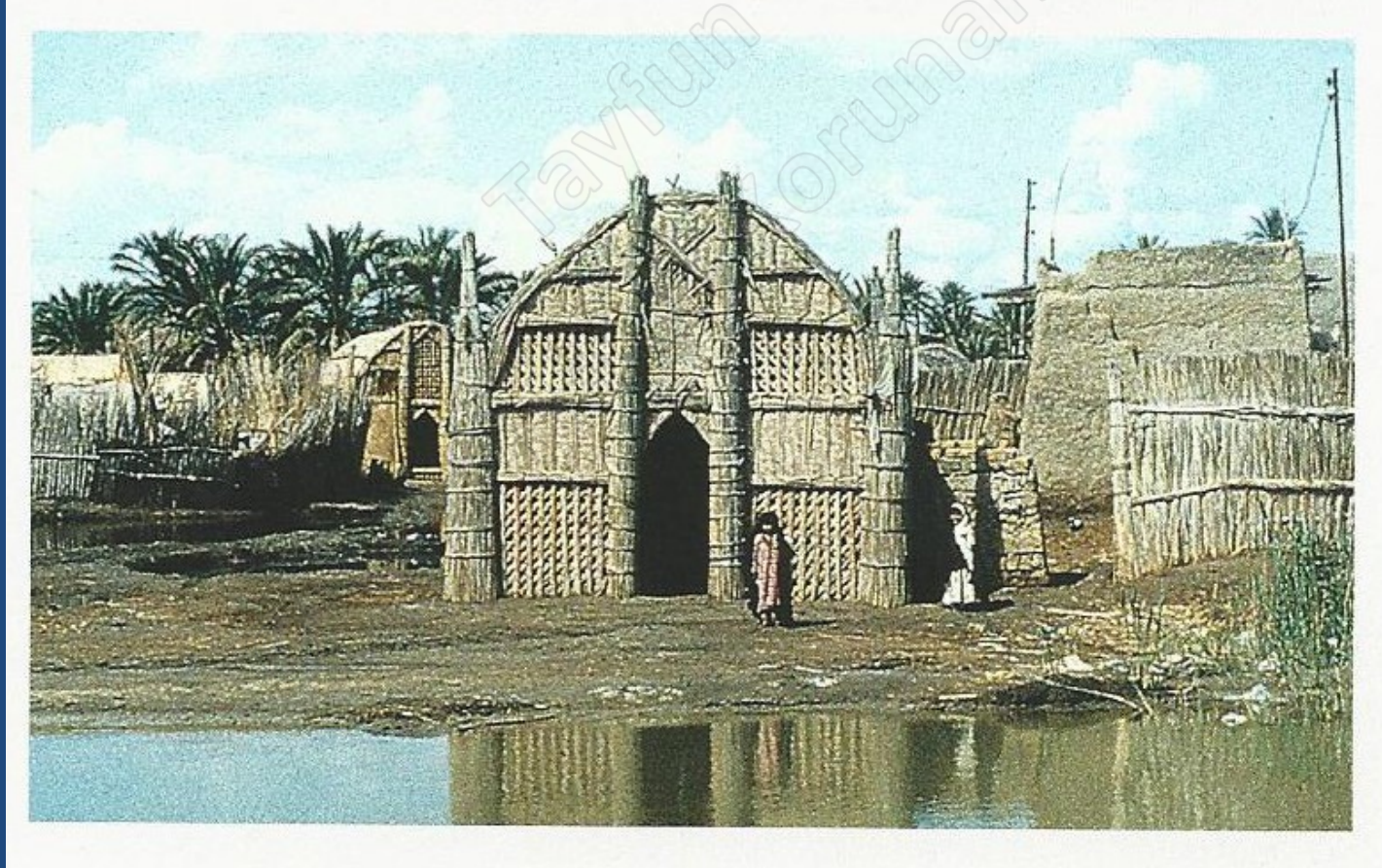


Diyala Project
Oriental Institute
University of Chicago



3E

Uruk Period





135



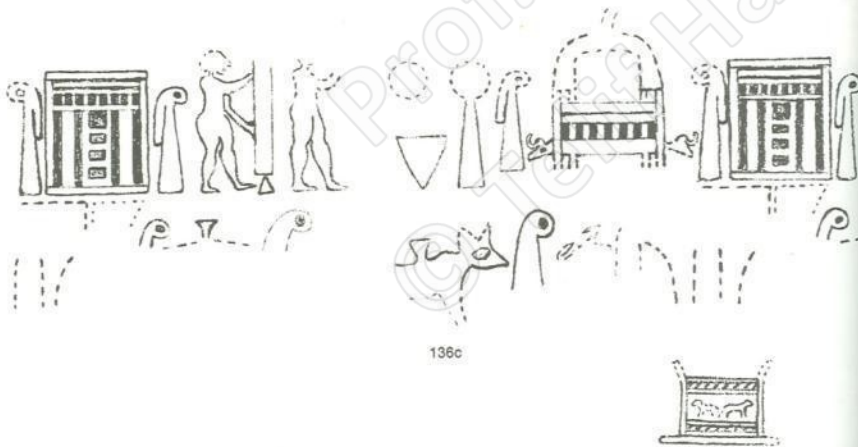
FIGURE 1.4. Ancient impression of a cylinder seal. Battlefield scene showing part of the ruler standing on the right-hand side, bound and naked prisoners at the center, and victorious troops looking over them. From Uruk. W2303a



136a



136b



136c



12. ANCIENT SEAL IMPRESSION WITH A "MASTER OF ANIMALS" OR HERDING SCENE

Clay
Late Uruk period, 3350-3100 BC
Iran, Chogha Mish
6.5 x 5.2 x 4.1 cm
OIM A32553

The "master of animals" depicts a human figure holding an animal on either side in a symmetrical scene that represents human mastery over the natural world. First introduced during the Uruk period, this motif undoubtedly reflects increasing concern with managing the production of animals in the new urban economies. GE

PUBLISHED

Delougaz and Kantor 1996, p. 147, pl. 145:C.



14. ANCIENT SEAL IMPRESSION SHOWING FIGURES CARRYING TEXTILES THAT ARC DOWN FROM THEIR HEADS

Clay
Late Uruk period, 3350-3100 BC
Iran, Chogha Mish
5.7 x 4.6 x 2.4 cm
ChM III-804

PUBLISHED

Delougaz and Kantor 1996, p. 438, pl. 153:A.

57

13. ANCIENT SEAL IMPRESSION WITH SEATED TEXTILE WORKERS AND ANIMALS

Clay
Late Uruk period | 3350-3100 BC
Iran, Chogha Mish
7.0 x 5.4 x 3.5 cm
OIM A32441

The design on this sealing, which probably sealed a bale of goods, depicts two squatting women spinning wool and churning milk. GE

PUBLISHED

Delougaz and Kantor 1996, pl. 146:E.



13

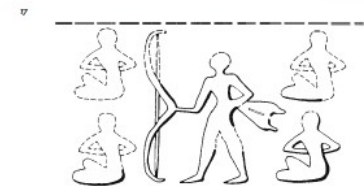


17. ANCIENT SEAL IMPRESSION WITH ARCHER AND CAPTIVES WITH ARMS BOUND

Clay
Late Uruk period, 3350-3100 BC
Iran, Chogha Mish
5.1 x 3.8 x 1.9 cm
ChM III-859

PUBLISHED

Delougaz and Kantor 1996, p. 457, pl. 45:D, 157:A.



17