Terqa Preliminary Report No. 4:
A TYPOLOGY OF CERAMIC VESSELS
OF THE THIRD AND SECOND MILLENNIA
FROM THE FIRST TWO SEASONS

by

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and
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A total of 64 vessel types (corresponding to 108 vessels) from the second and third millennia is here described and fully illustrated. The introduction gives a typological analysis of the Terqa corpus with pertinent comparative materials. The catalog is arranged according to a new taxonomic system which has been devised for a comprehensive catalog of Mesopotamian ceramics and which is presented here in its basic characteristics.

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1. Introduction

1.1. Stratigraphic Considerations

During the first two seasons of excavations, a total of 122 whole vessels were cataloged. They fall within three main periods: Islamic, Second Millennium, and Third Millennium. Whole and restorable vessels dating to the Islamic period came chiefly from MP1 and from the kiln area of MP3 (Fig. 1). For the material from MP1 no stratigraphic data are available because it was uncovered as a result of a bulldozer's operation. However, at least some of the vessels from MP3 have an identifiable context in as much as the area appears to have been a pottery manufacturing section of the Islamic town. Additional evidence in support of this hypothesis is provided by the presence of pottery kilns, one of which was excavated by us after being exposed by the bulldozer (see a forthcoming TPR on the Islamic finds by As'ad Mahmūd).

Second millennium pottery was found in two operations, SG2-3 and SG4; the stratigraphy of both areas is described in TPR 1. The SG4 material is stratified above as well as inside what appears to have been a residential unit. The area of SG2-3 contained some walls, but so far appears to have been an open section used for burials—not necessarily a cemetery, but rather an open area within or next to the town which was available for burials. During the season, two other second millennium vessels were given to us: they came from the sub-surface of a garden in SF3. There are close similarities between the second millennium pottery excavated during the 1976 season and that described by Thureau-Dangin and Dhorme in their report of excavations at Asharah in 1923. These ceramics were found at a 12 meters elevation from the plain level in a very compact soil (see TPR 4 22, 38, 43, and 46 for these comparisons: Thureau-Dangin and Dhorme 1924, pl. LIX).

Pottery dating to the third millennium was discovered during the excavation of a monumental building in SG5. Inside the walls of Room 1, but later than the main period of use of this room, a burial was placed; it contained 7 vessels, two pins, one bead, and one ring. In addition to these third millennium vessels, two more were given to us by a woman who had uncovered them inside her house located on the NW part of the mound (SF2).

A complete collection of pottery and artifactual materials was made in all the areas excavated. This fascicle deals only with whole vessels—whole or reconstructed by us—a later fascicle will deal with the sherd material from the excavation.

1.2. Technical Aspects

In general, all the vessels from the excavation were wheelmade. However, the shape of some vessels suggests they were made partly by hand and partly on the wheel (see especially the discussion below of the ovoid jars and spheroid vessel). Some shapes had quite thin walls,
Figure 1. Sketch plan of Ashara, Ancient Terqa
especially Metallic Ware vessels from the third millennium, but also some button base goblets made in the second millennium. Most second millennium vessels are wet-smoothed on the exterior while the third millennium forms often have a spiral burnish; in most cases this burnish appears to be a decorative device rather than the more common practical one of burnishing the vessel to make it less porous.

The majority of the second millennium ceramics were not decorated. When decoration was present, it was done with several different methods varying with the date of the pottery. In general, they were painted, incised or had a relief decoration of raised ridges. During the third millennium, the only decoration other than the decorative effect obtained by burnishing, or in some cases by scraping the exterior, was the application of 3-4 thin matt painted lines around the vessel.

2. Second Millennium Ceramics

2.1. Manufacturing Techniques, Ware, Shapes

All the vessels from second millennium levels are wheelmade (at least in part). They are fired in a reducing oven with no carbon streaks in section and no firing clouds on the exterior. There is some variation in the surface color of the vessels, however, due to their position in the kiln. The general color of the vessels is yellow-white, sometimes with a reddish interior. This color, however, has been modified in a number of instances by secondary firing, as was the case with all the vessels from the burnt house (SG4, FT13). Another secondary modification of the surface color can be detected when the surface is clouded by a brown stain which seems to have come from the soil. This may be a manganese oxide stain or be due to the decomposition of gypsum. Traces of gypsum are very common in the archaeological strata at Terqa; an abundant source of gypsum can still be found in the cliffs near the site.

Bitumen also was available at Terqa in antiquity; one of its uses was for decoration (see below). In addition it was often applied either to the exterior of vessels, in the case of mending (see Ill. 1.), or to the interior in a coat which was often quite thick in order to seal them for use with liquids.

The largest portion of the second millennium vessels and sherds appear to fall into three main types of wares which are close in their basic characteristics: they are pale yellow, very pale brown to white in color, organic temper was added only to larger and thicker shapes; inorganic material includes crushed rock and sand, the exterior is wet-smoothed, the thickness of the sections vary from 1-2 cm. to 1-5 mm., depending in part on where the measurement is taken. However, the size range seems to cluster in three groups: 1-2 cm.; 5-10 mm.; 1-5 mm. thick. One additional type of ceramics is a very coarse ware with a large amount of finely chopped organic temper, as well as a great deal of large pebbles, mostly gypsum. Many of the sherds of this ware have traces of burning on the exterior and often have a bitumen coating inside. This type of pottery seems too rough to be used for cooking, but on the other hand, its function appears to be connected with heating.

While in general most vessels were made on the wheel, special shapes had individual manufacturing techniques. The ovoid jars (TPR 4 23, 24, 25, 28, 29) can be included in this
category. The bottom three-fourths of this type of vessel was made in a mold, possibly a hole in the ground judging from the smoothness of the exterior. The fact that this lower section of the body is mold made is indicated by the number of finger impressions on the interior and the indented surface on parts of the exterior. The exterior was wet-smoothed and in some cases scraped to remove any traces of the mold. The upper one-fourth to one-third of the vessel is wheelmade and joined to the lower portion, as indicated by a thickness on the interior. This juncture was a weak point in the construction, as evidenced by the fact that vessels are often broken at this juncture.

One jar from SG4, FT13, Level 15 deserves discussion because of its unusual shape and method of construction (TPR 4 18). Its body is spheroid in shape, but flattened in places so that from some angles it appears oval (Ill. 23). This vessel is constructed in three main sections. The two side sections of the spheroid were made on the wheel which left very strong wheel marks. These two sections (which would correspond to the lower one-third of a usual round bottomed jar) are then placed on their sides with their interior portions facing one another. They were joined together by the addition of a central section into which the double strand handle and the cylindrical neck and rim are inserted. There is still a small collar remaining on the inside of the vessel where this neck was inserted.

Infant burial jars are interesting because of the tendency to place these burials in ovoid jars or bowls which had been warped in firing, often so badly that they were not practical for utilitarian purposes (see Ills. 1-3). The bowls were covered by roughly made platters with much organic temper added (TPR 4 13), a type which Thureau-Dangin and Dhorme also found in their excavations (1924, p. 286, found at 9 and 10 meters from the top). Adult burials could be placed in two jars which were positioned rim to rim. Another method of burying adults was to put them in very large jars—sometimes up to one and a half meters high, e.g. TPR 4 21. In the case of some of these jars there appears on the surface rope marks which are the impressions of ropes used to hold the shape together in the manufacturing process (see TPR 4 24).

These burial vessels most likely are examples of secondary usage. This is also the case for a medium jar found on the floor of SG4, FT13, Level 15 (ASH2-89) which contained seeds (Fig. 2). The neck and rim of this jar had been broken off in antiquity before its placement in the storage room; it then had been utilized as a convenient shape for holding seeds (spices?).

The range of types of button bases found on the goblets is striking (Ill. 7 ). These vary from small ring-like bases which allow the vessel to stand independently on a flat surface (see TPR 4 39) to simply small lumps of clay applied to the base by pinching, as a result of which two indentations are left on either side of the lower body (Ill. 11); these are not then self supporting on a flat surface (see TPR 4 44).

Only one large sherd, ASH2-205 from SG4, Level 11, Locus 35, had applied decoration (Fig. 3). It probably is the base of a stand around which three knobs with impressed indentations have been placed. The ware is very rough and the knobs not well preserved.
Figure 2
ASH2-89 (3:4)

Figure 3
ASH2-205 (3:4)
2.2. Bitumen Decoration

Painted pottery was found at Terqa in SG2-3, SG4 as well as on or near the surface (i.e., SF2). The paint is a thick black paint; in some places the surface reflected light as one would expect from a paint with a bitumen base. The paint appears to be baked on, but just how this effect was achieved will be discussed in the TPR fascicle on the sherds.

The designs, placed on the body of the vessel, are in isolated patterns not repeated on any other section of the vessel. In other words, they were viewed as discrete units, which were striking against the buff background of the pottery (Pl. IV). The impression one gains from a quick review of the sherds is that many of the designs are amorphus shapes (Fig. 4; Ill. 33). Other designs, however, have a distinctive shape (Fig. 5; Ill. 31). In the Terqa examples, the neck and lower body of the vessels is not painted, as is the case with the Baghouz pottery as well as the Mari examples (see Du Mesnil du Buisson 1948, pl. LXV:Z74; pl. LXVII:Z22; Parrot 1959, pl. XXXVI:1581).

The distinctive patterns of some of these designs may indicate that they were applied not only as a decorative device, but were utilized with a specific semiotic function—such as a potter's mark, an ownership sign, or to indicate the contents or capacity of the vessel. Du Mesnil du Buisson, the excavator of Boghouz, thought these marks indicated the contents and the destination of the vessel (1948:48). When a greater inventory of vessels with this type of decoration is found, a more detailed analysis will be possible as to their distribution and function.

Bitumen is employed for other purposes also, for instance many vessels when broken were repaired with bitumen in antiquity. In those cases, bitumen was spread on the outside as well as the inside of the shapes where a crack or break had occurred. This method of repair must have been quite effective since even large, heavy forms were repaired in this manner (Ill. 1). In addition, bitumen appears to have been employed for waterproofing since the insides of a number of sherds and vessels were coated with thick layers of bitumen. In some cases, bitumen was used to seal burial vessels. An adult burial (FT10) in SG4 consisted of two vessels joined together at the rims with bitumen. A number of sherds covered with a thick coating of bitumen, were found next to the burial vessels, and had probably been used to apply the bitumen at the time of the burial, (Ill. 32).

2.3. Other Types of Decoration

In some cases the second millennium shapes were decorated with incised lines, either fine or thick, in groups of three to seven often alternating with wavy lines; these wavy lines appear either singly, or in groups of two or three (Ill. 15). For the most part, these lines are positioned on the neck and/or the upper body (Fig. 6).

Ridges made on the wheel can be seen on larger shapes; they probably originated as a means of covering the joins in the vessel and evolved into decorative devices. These ridges are either plain or are in turn decorated with a rope design or impressed finger design. Thureau-Dangin and Dhorimé found similarly decorated pottery (1924:p. 286). It is possible that the rope designs stem from rope marks that were impressed on the bodies of large jars during the manufacturing process (see above 2.1).
Figure 4
SG4, Level 11 (1:1).

Figure 5.
ASH2-101 (1:2).

Figure 6.
2.4. Comparative Typological Considerations

The two areas we excavated this season dating to the second millennium are about 110 meters apart and are separated by about 6 meters in elevation. The higher of these two areas is SG4; it contains chiefly material from a house dating to the second quarter of the second millennium B.C. The lower area, SG2-3 appears to be an outside area also used for burials, dating to the middle of the second millennium.

A comparison of the pottery from both areas shows that they are close in time since both yielded similar forms, e.g. bowls with roughly made platters used as covers some of which contained infant burials, one goblet shape (TPR 4 40), as well as several pots and jars shared between the two. If a chronological distinction can be made, it appears that SG2-3 is later in time although lower in terms of absolute elevation because it contained a number of large jars which, in form and decoration, have their closest comparisons with the second millennium material at Nuzi. Conversely, the vessels from the house in SG4 can be compared with the (earlier) pottery from the Zimri Lim palace at Mari and contemporary buildings there.

Neither of the second millennium areas contained Habur ware, Nuzi ware, or one of the transitional stages between the two. From the publications, it appears that little Habur ware was found at Mari. Its absence so far at Terqa seems to confirm the distributional pattern already hinted at in the Mari material—namely, that these types of painted wares were not being made this far south along the Euphrates even though Habur ware was at least known through occasional imports at Mari.

Several vessel shapes are important for determining the chronological position of the second millennium areas at Terqa. The spheroid jar for example, is an unusually shaped vessel with a unique construction technique which has been found at Mari and Baghouz. While the nature of the deposition at Baghouz does not lend itself to a clear date for the second millennium material at the site, we can see nonetheless that the Baghouz pottery in general is very similar to that of Terqa. The Mari example came from the Zimri Lim palace.

In summary, it appears from the ceramics excavated thus far at Terqa that the second millennium areas are to be dated between the Zimri Lim levels at Mari and Nuzi level II—perhaps even overlapping both. More individual parallels in ceramic type can be found between Terqa and Mari and Baghouz, but this may be due to the geographical proximity of those sites rather than chronological correlations.

3. Third Millennium Ceramics

The Metallic Ware vessels are very thin in section and fired at a high temperature. Temper is added in small quantities of sand or crushed stone. Curiously in some cases small white pebbles, probably gypsum, are found in the exterior walls (III. 28). The color varies among shades of red-brown or gray, depending on whether an oxidizing or a reducing atmosphere is used. The thicker vessels which were not Metallic Ware were also made of fine clay with some sand temper. Among our limited corpus of whole vessels and sherds there are no examples of Simple Ware.
Two vessels from the third millennium grave in SG5 were painted with narrow bands in matt red-brown paint. These bands were separately placed on the neck and upper body. The second type of decoration used was a widely spaced spiral burnish which continued for the whole length of the vessel. The effect on this type of fine, highly fired clay was one of contrasting darker areas with those thin bands which reflected light. As mentioned above, the purpose of the burnish must have been purely decorative since the wide spacing would preclude the effectiveness of the burnishing as a waterproofing device. Even the thicker vessels which were not Metallic Ware often had their exterior scraped, burnished or wiped.

At this point, the number of Metallic Ware vessels from SG5 and the two from SF2 is striking. We have no way of knowing whether or not this pattern will continue but even this brief stratigraphic exposure appears to indicate that Metallic Ware was “at home” in Terqa and not just an occasional import. The comparisons both of the pottery and of the pins found in the SG5 burial date this material to the middle part of the third millennium, around 2400 B.C.

4. Typological Sequence

4.1. Principles Underlying the Taxonomic System

The classification of the ceramics in this catalog employs a taxonomic system developed by the authors for the purpose of establishing a comprehensive catalog of Mesopotamian ceramics. The final results of this research will appear as a standard catalog of Mesopotamian pottery, made up of individual fascicles dealing with various chronological periods; e.g. Early Dynastic, Old Babylonian, etc.

The theoretical and practical criteria on which the catalog is based can here be reviewed only very briefly. The typology of vessels is broken down into a series of attributes on different parallel and irreducible levels. These attributes stem from an analysis of the vessels themselves and are based on formal aspects such as size, shape, ware, and decoration. The definition and the nature of the parameters which make up the attributes are common to the system as a whole but the quantification of these parameters depends on the characteristics of the individual corpus (e.g. the size categories inherent in this corpus for medium jars is a height of between 27 and 41 cm.).

The system used here to define categories on the basis of size and proportion reflect the natural clustering of the vessels found in the first two seasons of excavation at Terqa. It is to be expected that the areas between these will be filled in with the excavation of other vessels during future seasons. It would be reasonable to assume that even when such a continuum of vessel size and proportion is established, the majority of vessels will cluster together in groups of similar size and proportion, reflecting both the technique of manufacture and material favored by the potter, as well as the function of the vessels in the contemporary cultural system.

With regard to function, we distinguish between a generic and a specific level. The latter pertains to such things as the intended content or purpose of a vessel, as when we refer to a
perfume jar or to a measuring cup. The former pertains simply to size and means of access. The interrelationship to these two criteria with the formal features defines a structural system which lies behind the common sense categories of traditional archaeological terminology and of everyday usage. The terms bottle, bowl, ladle are examples of this; and most other terms of the same type may also be understood by reference to the same structural system. A goblet is a container which may be held in one hand and from which the contents can only be poured out; a dish, while also made for handling with one hand, is reserved for the scooping out of solids; and so on. In this way, a systematic and structural explanation is provided for common terms—with the double advantage of theoretical coherence on the one hand and, on the other, ease in referring to universally accepted notions.

While size and shape are the basic starting points for the system as a whole, the parameters will vary according to the corpus being analyzed. The parameters for the Terqa corpus are presented in Chart I. With the exception of the categories of small jars and large goblets, which overlap in terms of size and proportion, all the categories are mutually exclusive as regards at least one of those criteria. The distinction is maintained, however, and is based on criteria derived from specific function, i.e., on the assumption that goblets are drinking vessels and have a shape well suited for such function i.e., thin flaring rim and neck and body which can easily be held in one hand and tipped. In this case, therefore, the feature of profile, which is otherwise secondary in terms of our overall system, becomes primary as a key sorting criterion.

Within the size category the vessels are generally divided into groups of large, medium, and small with two other categories—a miniature as well as a very large category added when needed. These size categories are based only on overall height from the bottom of the base to the top of the rim.

The next pertinent criterion is the proportional relationship between rim diameter and absolute height. Those proportions were selected from many which are used in other systems, for instance height-maximum body diameter, or height-body diameter-rim diameter, etc. The measurements for the height and rim diameter were selected here because of their importance in determining functional categories, i.e., the rim diameter indicates how the vessel could be used while the overall size of the vessel is given by the height. In a corpus with many shapes having several significant changes of contour the maximum body diameter as well as other measurements would have to be taken into consideration. The proportions are given as ratios within specific limits—spelled out for this Terqa corpus in Chart I.

The general shapes in this system are divided into jars, pots, bowls, and goblets depending on their overall size proportions and means of access to the contents. While these are traditional common sense terms and are meant to retain their general value in this catalog, they acquire here at the same time the value of technical terms since they are defined in a specific sense with limited and clear parameters.
### Chart I. Parameters for Typological Classification of Second Millennium Vessels

#### 4.2. The Format

The catalog consists of a descriptive and a representational section, given side by side on facing pages. The latter includes the drawings of all types. (Photographs of selected types will be found separately in the Illustrations.)

The descriptive section is divided into various parts, presented in columns, each with a separate title. They are to be understood as follows.

**Designation.** Items in the Catalog are arranged according to a sequence internal to *TPR 4* which reflects our own typological analysis. Different items belonging to the same type are listed under the same number, but are differentiated by letters of the alphabet (e.g., *TPR 13a*). Each item is also assigned to the pertinent typological category (e.g., large goblet, medium shallow bowl) as derived from the taxonomic system outlined above.

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<table>
<thead>
<tr>
<th>Designation</th>
<th>Formal Characteristics</th>
<th>Designation</th>
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<tbody>
<tr>
<td></td>
<td><strong>Measurements</strong></td>
<td><strong>Measurements &amp; Profile</strong></td>
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<tr>
<td></td>
<td><strong>Size</strong>&lt;sup&gt;**&lt;/sup&gt;</td>
<td><strong>R = H</strong></td>
</tr>
<tr>
<td>JARS</td>
<td><strong>Proportions</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>large</td>
<td>R = H</td>
</tr>
<tr>
<td></td>
<td>medium</td>
<td>50 - 135</td>
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<tr>
<td></td>
<td>small</td>
<td>27 - 41</td>
</tr>
<tr>
<td></td>
<td>miniature</td>
<td>15 - 25</td>
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<tr>
<td></td>
<td></td>
<td>5 - 8</td>
</tr>
<tr>
<td>BOTTLES</td>
<td>16 - 18.5</td>
<td>3 - 3½ = 1</td>
</tr>
<tr>
<td>POTS</td>
<td>large</td>
<td>42 - 44</td>
</tr>
<tr>
<td></td>
<td>medium</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>small</td>
<td>11 - 13</td>
</tr>
<tr>
<td>DEEP BOWLS</td>
<td>20 - 22</td>
<td>1 = 1½ - 2</td>
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<tr>
<td>SHALLOW BOWLS</td>
<td>medium</td>
<td>8 - 10</td>
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<tr>
<td></td>
<td>small</td>
<td>3 - 6.5</td>
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<tr>
<td>PLATTERS</td>
<td>3 - 8</td>
<td>1 = 4 - 8</td>
</tr>
</tbody>
</table>

<sup>**</sup>Profile definition is not given in this chart. For the underlying concept see 4.1.

<sup>**</sup>Height range in centimeters

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**SMS 1, 184**
Documentation. This section includes: the Field (Register) Number, indicated by the prefix ASH2-; the Deir ez-Zor Museum Number, indicated by the prefix DeZ; the figure number within the present fascicle; the illustration number (when applicable), within the present fascicle; the color slide number (when applicable) within AVM DS-1.

Dimensions. Height (H) and rim diameter (R) are given for each vessel, plus other pertinent information where necessary. Dimensions are given in centimeters.

Stratigraphy. Only an essential identification is provided here. For a discussion of the relevant context and associations see TPR 1.

Description. Included here are the color designation (number and name from the 1975 edition of the Munsell Soil Color Charts), and a brief description of decorative patterns and other features.

Date. This is based on stratigraphic and typological considerations as explained above in 2.4 and 3.

Comparative Materials. Where relevant, we have provided a reference to vessels from other excavations which are typologically similar to the ones published here.

The vessels are listed typologically within the two main periods of the second and the third millennium. They are grouped as follows:

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<thead>
<tr>
<th>Second Millennium</th>
<th>Third Millennium</th>
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<tbody>
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<td><em>TPR 4</em></td>
<td><em>TPR 4</em></td>
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<tr>
<td>1-12 Bowls</td>
<td>56 Bowl</td>
</tr>
<tr>
<td>13 Platters</td>
<td>57-62 Jars</td>
</tr>
<tr>
<td>14-17 Pots</td>
<td>63-64 Bottles</td>
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<tr>
<td>18-37 Jars</td>
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</tr>
<tr>
<td>38 Bottles</td>
<td></td>
</tr>
<tr>
<td>39-52 Goblets</td>
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<td>53 Composite shape</td>
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<td>54-55 Stands</td>
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### 4.3. The Catalog: Second Millennium

<table>
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<tr>
<th>Designation and Documentation</th>
<th>Dimensions and Stratigraphy</th>
<th>Description and Date</th>
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<tbody>
<tr>
<td><strong>TPR 4 1</strong></td>
<td>H: 20</td>
<td>Munsell Color 5YR 8/4 pink</td>
</tr>
<tr>
<td>Bowl - deep</td>
<td>R: 34.4</td>
<td>Incised parallel lines on body</td>
</tr>
<tr>
<td>ASH2-115</td>
<td>SG4, Level 11, Locus 18</td>
<td>Second quarter of second millennium</td>
</tr>
<tr>
<td>DeZ-1009</td>
<td>Contained infant Burial 5</td>
<td></td>
</tr>
<tr>
<td>III. 3</td>
<td></td>
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</tr>
</tbody>
</table>

| **TPR 4 2**                  | H: 21.8                    | Munsell Color 7.5YR 8/4 pink |
| Bowl - deep                  | R: 35                      | Slightly warped; contained vessel |
| ASH2-99                      | SG4, Level 15, FT13        | probably used for pouring TPR 4 33; |
| DeZ-993                      |                             | incised parallel lines |
| Fig. 7                       |                             |                      |
| AVMDS-1 105                  |                             |                      |

| **TPR 4 3**                  | H: 9.9                     | Munsell Color 2.5Y 8/2 white |
| Bowl - shallow - medium      | R: 23                      | Parallel incised lines on body; string |
| ASH2-176                     | SG4, Level 11, FT11,       | cut base; height reconstructed |
| Fig. 7                       | Locus 18                   |                      |

| **TPR 4 4**                  | H: 8                       | Munsell Color 2.5Y 8/2 white |
| Bowl - shallow - medium      | R: 25                      | Second quarter of second millennium |
| ASH2-173                     | SG4, Level 15, FT13        |                      |
| DeZ-1065                     |                             |                      |
| Fig. 7                       |                             |                      |

| **TPR 4 5**                  | H: 9                       | Munsell Color 2.5Y 8/2 white |
| Bowl - shallow - medium      | R: 27.8                    | Second quarter of second millennium |
| ASH2-199                     | SG4, Level 13, ST1         |                      |
| DeZ-1090                     |                             |                      |
| Fig. 7                       |                             |                      |
Figure 7
<table>
<thead>
<tr>
<th>Designation and Documentation</th>
<th>Dimensions and Stratigraphy</th>
<th>Description and Date</th>
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<tr>
<td><strong>TPR 4 6</strong>&lt;br&gt;Bowl - shallow - small&lt;br&gt;Ash2-39&lt;br&gt;DeZ-933&lt;br&gt;Fig. 8&lt;br&gt;Ill. 1&lt;br&gt;AVM DS-1 88</td>
<td>H: 6.3&lt;br&gt;R: 14</td>
<td>Munsell Color 5YR 7/6 reddish-yellow&lt;br&gt;Brown-black stain on surface&lt;br&gt;SG4, Level 9, Locus 18&lt;br&gt;Second quarter of second millennium</td>
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<td><strong>Comparative Material</strong>&lt;br&gt;Baghouz: Du Mesnil du Buisson 1948: pl. LXXXI:Z123</td>
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<td><strong>TPR 4 7</strong>&lt;br&gt;Bowl - shallow - small&lt;br&gt;Ash2-172&lt;br&gt;DeZ-1064&lt;br&gt;Fig. 8</td>
<td>H: 5.4&lt;br&gt;R: 14.6</td>
<td>Munsell Color 5Y 8/2 white&lt;br&gt;String cut base&lt;br&gt;SG4, Level 15, FT13&lt;br&gt;Second quarter of second millennium</td>
</tr>
<tr>
<td><strong>Comparative Material</strong>&lt;br&gt;Baghouz: Du Mesnil du Buisson 1948, pl. LXXIX:Z229</td>
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<td><strong>TPR 4 8</strong>&lt;br&gt;Bowl - shallow - small&lt;br&gt;Ash2-87&lt;br&gt;DeZ-981&lt;br&gt;Fig. 8</td>
<td>H: 5.6&lt;br&gt;R: 12</td>
<td>Munsell Color 10YR 8/2 white&lt;br&gt;Very convenient size for one hand to use either drinking or scooping&lt;br&gt;SG4, Level 15, FT13&lt;br&gt;Second quarter of second millennium</td>
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<tr>
<td><strong>Comparative Material</strong>&lt;br&gt;Baghouz: Du Mesnil du Buisson 1948, pl. LXXIX:Z229</td>
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<td><strong>TPR 4 8a</strong>&lt;br&gt;Bowl - shallow - small&lt;br&gt;Ash2-123&lt;br&gt;DeZ-1017</td>
<td>H: 6&lt;br&gt;R: 13</td>
<td>Munsell 10YR 8/2 white&lt;br&gt;Surface highly pitted&lt;br&gt;SG4, Level 14, Locus 48, ST2&lt;br&gt;Second quarter of second millennium</td>
</tr>
<tr>
<td><strong>TPR 4 9</strong>&lt;br&gt;Bowl - shallow - small&lt;br&gt;Ash2-19&lt;br&gt;DeZ-915&lt;br&gt;Fig. 8</td>
<td>H: 6&lt;br&gt;R: 15</td>
<td>Munsell Color 10YR 8/2 white&lt;br&gt;String cut base&lt;br&gt;SG4, Level 11&lt;br&gt;Second quarter of second millennium</td>
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TPR 46 (1:2)

TPR 47 (1:2)

TPR 48 (1:2)

TPR 49 (1:2)

Figure 8

SMS 1, 189
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<td><strong>TPR 4 10</strong></td>
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<tr>
<td>Bowl - shallow - small</td>
<td>6: 6</td>
<td>Munsell Color 2.5Y 8/4 pale yellow</td>
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<td>AshH2-25</td>
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<td>String cut base</td>
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<td>DeZ-921</td>
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<td>Fig. 9</td>
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<tr>
<td>AshH2-921</td>
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<td><strong>TPR 4 11</strong></td>
<td></td>
<td></td>
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<tr>
<td>Bowl - shallow - small</td>
<td>3.6: 11.1</td>
<td>Too burned to determine color</td>
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<tr>
<td>AshH2-122</td>
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<td>String cut base</td>
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<tr>
<td>DeZ-1016</td>
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<tr>
<td>Fig. 9</td>
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<td><strong>TPR 4 12</strong></td>
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<tr>
<td>Bowl - shallow - small</td>
<td>3.1: 10.4</td>
<td>Munsell Color 10YR 8/2 white</td>
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<tr>
<td>AshH2-121</td>
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<td>String cut base</td>
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<td>DeZ-1015</td>
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<td>Second quarter of second millennium</td>
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<td>Fig. 9</td>
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<td><strong>TPR 4 13</strong></td>
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<tr>
<td>Platter</td>
<td>8: 32</td>
<td>Munsell Color 2.5Y 8/4 pale yellow</td>
</tr>
<tr>
<td>AshH2-116</td>
<td></td>
<td>Roughly made with much organic temper</td>
</tr>
<tr>
<td>DeZ-1010</td>
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<td>Second quarter of second millennium</td>
</tr>
<tr>
<td>Fig. 9</td>
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<tr>
<td>Ill. 3</td>
<td></td>
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<tr>
<td><strong>TPR 4 13a</strong></td>
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<tr>
<td>Platter</td>
<td>3.6: 28</td>
<td>Munsell Color 5Y 8/3 pale yellow</td>
</tr>
<tr>
<td>AshH2-152</td>
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<td>Mid-second millennium</td>
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<tr>
<td>DeZ-1045</td>
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<tr>
<td><strong>TPR 4 13b</strong></td>
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<tr>
<td>Platter</td>
<td>4: 26</td>
<td>Munsell Color 5Y 6/4 light reddish brown</td>
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<tr>
<td>AshH2-35</td>
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<td>Mid-second millennium</td>
</tr>
<tr>
<td>DeZ-930</td>
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<td></td>
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<tr>
<td><strong>TPR 4 13c</strong></td>
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<tr>
<td>Platter</td>
<td>5: 22.6</td>
<td>Munsell Color 2.5Y 8/2 white</td>
</tr>
<tr>
<td>AshH2-43</td>
<td></td>
<td>Second quarter of second millennium</td>
</tr>
<tr>
<td>DeZ-937</td>
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Compositional Material

Baghouz: Du Mesnil du Buisson, 1948, pl. LXXIX:Z174, Z281
Figure 9
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<td><strong>TPR 4 14</strong></td>
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<tr>
<td>Pot - large</td>
<td>H: 43.7</td>
<td>Munsell Color 2.5Y 8/2 white</td>
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<tr>
<td>ASH2-207</td>
<td>R: 46.3</td>
<td>Repaired with bitumen in antiquity; large button base with hole in middle; combed wavy line decoration. Burial was put inside 2 of these jars placed rim to rim; other vessel was ASH2-135</td>
</tr>
<tr>
<td>DeZ-1098</td>
<td>SG2, Level 34, Locus 32,</td>
<td>Mid-second millennium</td>
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<tr>
<td>Fig. 10</td>
<td>Burial 2</td>
<td></td>
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<tr>
<td><em>AVM DS-1</em> 81,90</td>
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<tr>
<td><strong>TPR 4 14a</strong></td>
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<td></td>
</tr>
<tr>
<td>Pot - large</td>
<td>H: 42.2</td>
<td>Munsell Color 2.5Y 8/2 white</td>
</tr>
<tr>
<td>ASH2-209</td>
<td>R: 43.8</td>
<td>Repaired with bitumen in antiquity</td>
</tr>
<tr>
<td>DeZ-1100</td>
<td>SG3, Level 11, FT23,</td>
<td>Mid-second millennium</td>
</tr>
<tr>
<td>Fig. 10</td>
<td>Burial 18</td>
<td></td>
</tr>
<tr>
<td><em>AVM DS-1</em> 90</td>
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<td></td>
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<tr>
<td><strong>TPR 4 15</strong></td>
<td></td>
<td></td>
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<tr>
<td>Pot - medium</td>
<td>H: 20.5</td>
<td>Munsell Color 2.5Y 8/2 white</td>
</tr>
<tr>
<td>ASH2-206</td>
<td>R: 26.4</td>
<td>Warped shape now oval in plan; parallel ridges around neck, incised lines on body</td>
</tr>
<tr>
<td>DeZ-1097</td>
<td>SG4, Level 15, ST4, FT14,</td>
<td>Second quarter of second millennium</td>
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<tr>
<td>Fig. 10</td>
<td>Contained infant Burial 6</td>
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<tr>
<td><strong>TPR 4 15a</strong></td>
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<tr>
<td>Pot - medium</td>
<td>H: 20.6</td>
<td>Munsell Color 5Y 7/2 light gray</td>
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<tr>
<td>ASH2-34</td>
<td>R: 26</td>
<td>Warped and cracked in firing so that rim is not together</td>
</tr>
<tr>
<td>DeZ-929</td>
<td>SG3, Level 9, Locus 21</td>
<td>Mid-second millennium</td>
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<tr>
<td><em>AVM DS-1</em> 9</td>
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<tr>
<td>TPR 4 16</td>
<td>H: 11.9  R: 10.2</td>
<td>Munsell Color 2.5Y 7/2 light gray</td>
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<tr>
<td>Pot - small</td>
<td></td>
<td>Base string cut; heavily fired</td>
</tr>
<tr>
<td>ASH2-5</td>
<td></td>
<td>MP1 main trench</td>
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<tr>
<td>DeZ-901</td>
<td></td>
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<tr>
<td>Fig. 11</td>
<td></td>
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<tr>
<td>Ill. 2</td>
<td></td>
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<tr>
<td>TPR 4 17</td>
<td>H: 12.2  R: 11.2</td>
<td>Munsell Color 5Y 8/3 pale yellow</td>
</tr>
<tr>
<td>Pot - small</td>
<td></td>
<td>Mid-second millennium</td>
</tr>
<tr>
<td>ASH2-73</td>
<td></td>
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<tr>
<td>DeZ-967</td>
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<td>Fig. 11</td>
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<tr>
<td>TPR 4 18</td>
<td>H: 50</td>
<td>Munsell Color 5Y 8/2 white</td>
</tr>
<tr>
<td>Jar - large</td>
<td>R: 14</td>
<td>Spheroid jar warped in 2 places from vessels which were supporting it when room burned</td>
</tr>
<tr>
<td>ASH2-133</td>
<td></td>
<td>Second quarter of second millennium</td>
</tr>
<tr>
<td>DeZ-1027</td>
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<td>Fig. 11</td>
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<tr>
<td>Ill. 23</td>
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<td>AVM DS-1</td>
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<td>106, 107</td>
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<tr>
<td>TPR 4 19</td>
<td>H: 85?</td>
<td>Munsell Color 7.5Y 7/4 pink</td>
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<tr>
<td>Jar - large</td>
<td>R: 30</td>
<td>Cut in half in antiquity and used for burial; thin in section; exterior scraped</td>
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<tr>
<td>ASH2-37</td>
<td></td>
<td>Mid-second millennium</td>
</tr>
<tr>
<td>Fig. 11</td>
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Comparative Material

Baghouz: Du Mesnil du Buisson 1948, pl. LXXIX:Z234

Baghouz: Du Mesnil du Buisson 1948, pl. LXXVIII:Z203, two expls.
Mari: Parrot, 1959, fig. 84:857

Mari: Parrot 1959, fig. 87:897
Nuzi: Starr 1937, pl. 67:F
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<tr>
<th>Designation and Documentation</th>
<th>Dimensions and Stratigraphy</th>
<th>Description and Date</th>
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</table>
| **TPR 4 20**  
Jar - large  
ASH2-75  
DeZ-969  
Fig. 12  
III. 20 | H: 70  
R: 42.4  
SG3, Level 11, Locus 28 | Munsell Color 5Y 8/3 pale yellow  
Rim decorated by ribbing and black paint  
Mid-second millennium |
| **TPR 4 21**  
Jar - large  
ASH2-137  
DeZ-1030  
Fig. 12  
*AVM DS-1* 85, 86 | H: 135  
R: 73.5 (max.)  
SG3, Level 10, FT23, Burial 18 | Munsell Color 2.5Y 8/2 white  
Ribbing; rim is oval  
Mid-second millennium |
| **TPR 4 22**  
Jar - medium  
ASH2-70  
DeZ-964  
Fig. 12  
III. 17 | H: 27.2  
R: 12.5  
SG3, Level 11, Locus 29 | Munsell Color 5Y 7/3 pale yellow  
Possibly one vertical bitumen painted line on the body  
Mid-second millennium |
| **Comparative Material** |  |  
Baghouz: Du Mesnil du Buisson 1948, pl. LXXVII:Z74, Z96  
Mari: Parrot 1956, fig. 108:911, 946  
Parrot 1959, fig. 87:886  
Nippur: McCown et al 1967, pl. 95:9  
See also: Thureau-Dangin and Dhorme 1924, pl. LIX:6 |
| **TPR 4 23**  
Jar - medium  
ASH2-38  
DeZ-932  
Fig. 12  
III. 1  
*AVM DS-1* 88 | H: 29.5  
R: 19.5  
SG4, Level 11, Locus 18 | Munsell Color 5Y 8/2 white  
Warped and cracked in firing, repaired with bitumen in antiquity. Like infant burial vessels but contained no burial  
Second quarter of second millennium |
| **Comparative Material** |  |  
Nuzi: Starr 1937, pl. 72:C |
| **TPR 4 24**  
Jar - medium  
ASH2-198  
DeZ-1089  
Fig. 12  
III. 19 | H: 38.5  
R: 15.6  
SG4, Level 15, FT13 | Munsell Color 2.5YR 8/2 white  
Ovoid jar, rope markings on body  
Second quarter of second millennium |
| **Comparative Material** |  |  
Nuzi: Starr 1937, pl. 63:P |
1. *TPR* 4 23,6 (ASH2-38-39)

2. *TPR* 4 15a (ASH2-34)
   Note warping on rim.

3. *TPR* 4 1,13 (ASH2-115,116)

Jar and deep bowls with cover of type used for infant burials
(Note. Scale below vessels is of 3 cms. throughout)
4. TPR 4 51 (ASH2-24)

5. TPR 4 45a (ASH2-23)

6. TPR 4 44i (ASH2-128)

7. Left TPR 4 34a (ASH2-81), TPR 4 52 (ASH2-131), TPR 4 44c (ASH2-130), TPR 4 44i (ASH2-109)
Right Back row: TPR 4 44 (ASH2-144), TPR 4 45 (ASH2-32), TPR 4 48 (ASH2-30), TPR 4 38 (ASH2-88)
Right Front row: TPR 4 46 (ASH2-76), TPR 4 46a (ASH2-170), TPR 4 44d (ASH2-142), TPR 4 39 (ASH2-170)

Goblets and small jars

SMS 1, 200
8. *TPR 4 43* (ASH2-84)

10. *TPR 4 53* (TAI 12)

11. *TPR 4 44c* (ASH2-130)
Note pinch indentations on lower body to the left of button base (see also III. 7).

12. *TPR 4 38* (ASH2-88)

13. *TPR 4 26f* (ASH2-141)

**Goblets, bottle and jar**

*SMS 1, 201*
Jars and bottles

14. TPR 4 25 (ASH2-204)
15. TPR 4 32 (ASH2-92)
16. TPR 4 39 (ASH2-170)
17. TPR 4 22 (ASH2-70)
18. TPR 4 31 (ASH2-171)
Jar and ring stands
23. *TPR* 4 18 (ASH2-133)

Metallic ware

24. *TPR* 4 56 (ASH2-158)

Spheroid jar and third millennium bowl

*SMS* 1, 204
Third millennium miniature bottles and jars

TPR 4: A Typology of Ceramic Vessels

Third millennium miniature bottles and jars

SMS 1, 205
31. Decorated sherds from different vessels

32. Lump of bitumen with sherds possibly used to apply it

33. ASH2-195

Decorative and utilitarian uses of bitumen
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<td><strong>TPR 4 24a</strong>&lt;br&gt;Jar - medium&lt;br&gt;ASH2-203&lt;br&gt;DeZ-1094</td>
<td>H: 33.5&lt;br&gt;D: 16&lt;br&gt;SG4, Level 11, Locus 18, FT11&lt;br&gt;Contained infant Burial 3</td>
<td>Munsell Color 5Y 8/2 white&lt;br&gt;Second quarter of second millennium</td>
</tr>
<tr>
<td><strong>TPR 4 24b</strong>&lt;br&gt;Jar - medium&lt;br&gt;ASH2-96&lt;br&gt;DeZ-990&lt;br&gt;Fig. 13</td>
<td>H: 32&lt;br&gt;R: 16&lt;br&gt;SG4, Level 15, FT13</td>
<td>Munsell Color 7.5YR 8/2 pinkish white&lt;br&gt;Second quarter of second millennium</td>
</tr>
<tr>
<td><strong>TPR 4 24c</strong>&lt;br&gt;Jar - medium&lt;br&gt;ASH2-183&lt;br&gt;DeZ-1074</td>
<td>H: 41?&lt;br&gt;R: 13.6&lt;br&gt;SG4, Level 15, FT13</td>
<td>Munsell Color 2.5Y 8/2 white&lt;br&gt;Heavily fired; warped in some places&lt;br&gt;Second quarter of second millennium</td>
</tr>
<tr>
<td><strong>TPR 4 24d</strong>&lt;br&gt;Jar - medium&lt;br&gt;ASH2-208&lt;br&gt;DeZ-1099</td>
<td>H: 39&lt;br&gt;R: 16&lt;br&gt;SG3, Level 19, FT23, Burial 18</td>
<td>Munsell Color 2.5YR 8/2 white&lt;br&gt;Mid-second millennium</td>
</tr>
<tr>
<td><strong>TPR 4 25</strong>&lt;br&gt;Jar - medium&lt;br&gt;ASH2-204&lt;br&gt;DeZ-1095&lt;br&gt;Fig. 13&lt;br&gt;III. 14</td>
<td>H: 34&lt;br&gt;R: 14.6&lt;br&gt;SG2-3 (in baulk between)&lt;br&gt;Level 11, FT23</td>
<td>Munsell Color 2.5Y 8/2 white&lt;br&gt;Motif on body in bitumen paint:&lt;br&gt;lower half of body scraped in strokes about 6 cm. wide&lt;br&gt;Mid-second millennium</td>
</tr>
<tr>
<td><strong>TPR 4 25a</strong>&lt;br&gt;Jar - medium&lt;br&gt;ASH2-100&lt;br&gt;DeZ-994</td>
<td>H: 36.6&lt;br&gt;R: 18&lt;br&gt;SG4, Level 15, FT13</td>
<td>Munsell Color 5YR 8/1 white&lt;br&gt;Not painted&lt;br&gt;Second quarter of second millennium</td>
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**Comparative Material**
Baghouz: Du Mesnil du Buisson, 1948, pl. LXXI:Z243
Nippur: McCown et al 1967, pl. 92:15
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</table>
| **TPR 4 26**  
Jar - small  
ASH2-74  
DeZ-968  
Fig. 14 | H: 20.3  
R: 10.5  
SG3, Level 10, Locus 27 | Munsell Color 5Y 8/3 pale yellow  
Mid-second millennium |
| **TPR 4 26a**  
Jar - small  
TAIL 13 | H: 19.2  
R: 11  
TAIL excavated in 1975 | Munsell Color 2.5Y 7/2 light gray  
Mid-second millennium |
| **TPR 4 26b**  
Jar - small  
ASH2-91  
DeZ-985 | H: 21.2  
R: 12  
SG4, Level 15, FT13 | Munsell Color 10YR 8/3  
very pale brown  
Second quarter of second millennium |
| **TPR 4 26c**  
Jar - small  
ASH2-94  
DeZ-988 | H: 20.2  
R: 10.8  
SG4, Level 15, FT13 | Munsell Color 10YR 8/2 white  
Second quarter of second millennium |
| **TPR 4 26d**  
Jar - small  
ASH2-69  
DeZ-963 | H: 21.4  
R: 10.5  
SG2, Level 34, Locus 32 | Munsell Color 5Y 8/3 pale yellow  
Mid-second millennium |
| **TPR 4 26e**  
Jar - small  
ASH2-11  
DeZ-907 | H: 20.4  
R: 11.9  
Surface SF14 | Munsell Color 2.5Y 7/2 light gray  
Base slightly oval  
Mid-second millennium |
| **TPR 4 26f**  
Jar - small  
ASH2-141  
DeZ-1034  
ill. 13 | H: 21.8  
R: 11.9  
SG2-3 baulk | Munsell Color 2.5Y 8/2 white  
Possible association with Burial 1 in SG2 or Burial 18 in SG3  
Mid-second millennium |
| **TPR 4 26g**  
Jar - small  
ASH2-1  
DeZ-897 | H: 19.3  
R: 10.1  
SG3, Level 4, Locus 11 | Munsell Color 2.5Y 8/2 white  
Mid-second millennium |
### Figure 14

<table>
<thead>
<tr>
<th>Designation and Documentation</th>
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<th>Description and Date</th>
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| **TPR 4 26h**  
Jar - small  
ASH2-90  
DeZ-984 | H: 19  
R: 9.5  
---  
SG4, Level 15, FT13 | Munsell Color 10YR 8/3  
very pale brown  
Rim missing  
---  
Second quarter of second millennium |
| **TPR 4 26i**  
Jar - small  
ASH2-136  
DeZ-1029 | H: 20.5  
R: 10.8  
---  
SG2, Level 26, Locus 32, Burial 1 | Munsell Color 2.5Y 8/2 white  
---  
Mid-second millennium |
| **TPR 4 26j**  
Jar - small  
ASH2-139  
DeZ-1032 | H: 24.2  
R: 12.3  
---  
SG4, Level 13, Locus 37 | Munsell Color 2.5Y 8/2 white  
---  
Second quarter of second millennium |
<table>
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<th>Dimensions and Stratigraphy</th>
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<td>Jar - small</td>
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<td>ASH2-151</td>
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<td>DeZ-1044</td>
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<tr>
<td></td>
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<td><strong>TPR 4 27</strong></td>
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<tr>
<td></td>
<td>H: 24.9</td>
<td>Incised parallel lines at base of neck</td>
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<td></td>
<td>H: 25.4</td>
<td>See TPR 4 24</td>
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<td>R: 17</td>
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<td>Contained infant Burial 4</td>
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<td></td>
<td>H: 23.5</td>
<td>See TPR 4 22; single incised line at base of neck</td>
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<td>R: 10.2</td>
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<td>ASH2-171</td>
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<td>DeZ-1063</td>
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<td>H: 19.5+</td>
<td>Bitumen painted design on body;</td>
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<td>R: missing</td>
<td>ridges at base of neck</td>
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<td>Surface - SF10</td>
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<td>Mid-second millennium</td>
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**Comparative Material**

Mari: Parrot 1956, fig. 109:914 (smaller than this example)

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<td><strong>TPR 4 32</strong>&lt;br&gt;Jar - small&lt;br&gt;ASH2-92&lt;br&gt;DeZ-986&lt;br&gt;Fig. 16&lt;br&gt;III. 15</td>
<td>H: 20.7&lt;br&gt;R: 15&lt;br&gt;SG4, Level 15, FT13</td>
<td>Munsell Color 5YR 8/3 pink&lt;br&gt;Thick walls, heavy for its size; tempered with crushed pot sherds and organic material; incised parallel and wavy lines. See also ASH2-101 a medium jar of this type found in same feature but incomplete&lt;br&gt;Second quarter of second millennium</td>
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<td><strong>TPR 4 33</strong>&lt;br&gt;Jar - small&lt;br&gt;ASH2-97&lt;br&gt;DeZ-991&lt;br&gt;Fig. 16&lt;br&gt;AVM DS-1 105</td>
<td>H: 24&lt;br&gt;R: 16&lt;br&gt;SG4, Level 15, FT13</td>
<td>Munsell Color 10YR 7/3&lt;br&gt;very pale brown&lt;br&gt;Found inside TPR 4 2; worn on exterior; parallel incised lines in three groups on body&lt;br&gt;Second quarter of second millennium</td>
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<tr>
<td><strong>TPR 4 34</strong>&lt;br&gt;Jar - miniature&lt;br&gt;ASH2-77&lt;br&gt;DeZ-971&lt;br&gt;Fig. 16</td>
<td>H: 5.5&lt;br&gt;R: 3 (max.)&lt;br&gt;SG4, Level 15, FT13</td>
<td>Munsell Color 7.5 YR 8/4 pink&lt;br&gt;Rim oval; heavy wheel marks on exterior&lt;br&gt;Second quarter of second millennium</td>
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<td><strong>TPR 4 34a</strong>&lt;br&gt;Jar - miniature&lt;br&gt;ASH2-81&lt;br&gt;DeZ-975&lt;br&gt;III. 7</td>
<td>H: 5.2&lt;br&gt;R: 3.3&lt;br&gt;SG4, Level 15, FT13</td>
<td>Munsell Color 7.5YR 8/2&lt;br&gt;pinkish white&lt;br&gt;Rim warped&lt;br&gt;Second quarter of second millennium</td>
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Figure 16
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| **TPR 4 35**  
Jar - miniature  
ASH2-80  
DeZ-974  
Fig. 17 | H: 5.5  
R: 2.8  
SG4, Level 15, FT13 | Munsell Color 7.5YR 8/2  
pinkish white  
Base pinched  
Second quarter of second millennium |
| **TPR 4 36**  
Jar - miniature  
ASH2-157  
DeZ-1049  
Fig. 17 | H: 7.6  
R: 3.1  
SG4, Level 15, FT13 | Munsell Color 5YR 7/6  
reddish yellow  
String cut base  
Second quarter of second millennium |
| **TPR 4 37**  
Jar - miniature  
ASH2-82  
DeZ-976  
Fig. 17 | H: 7.7  
R: 4.2  
SG4, Level 15, FT13 | Munsell Color 10YR 8/2 white  
Incised parallel lines made on wheel below rim; warped near base  
Second quarter of second millennium |
| **Comparative Material**  
Nuzi: Starr 1937, pl. 75:Z, this example has a footed base |
| **TPR 4 38**  
Bottle  
ASH2-88  
DeZ-982  
Fig. 17  
Ills. 12, 7 | H: 16.4  
R: 5.5  
SG4, Level 15, FT13 | Munsell Color 10YR 8/3 very pale  
very pale brown  
Two incised parallel lines at base of neck  
Second quarter of second millennium |
| **Comparative Material**  
See: Thureau-Dangin and Dhorme 1924, pl. LIX:9 |
| **TPR 4 38a**  
Bottle  
ASH2-72  
DeZ-966  
Fig. 17 | H: 18.1  
R: 5.4  
SG3, Level 11, Locus 28 | Munsell Color 2.5Y 7/4 pale yellow  
No decoration; flat base  
Mid-second millennium |
Figure 17

SPS 1, 217
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<td><strong>TPR 4 39</strong>&lt;br&gt;Goblet - large&lt;br&gt;ASH2-170&lt;br&gt;DeZ-1062&lt;br&gt;Fig. 18&lt;br&gt;Ills. 16, 7</td>
<td>H: 16.4&lt;br&gt;R: 8.9&lt;br&gt;Surface: SF9</td>
<td>Munsell Color 2.5Y 8/2 white&lt;br&gt;Bitumen based paint in isolated design on body; parallel ribbing on shoulder&lt;br&gt;Mid-second millennium</td>
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<tr>
<td><strong>TPR 4 40</strong>&lt;br&gt;Goblet - large&lt;br&gt;ASH2-150&lt;br&gt;DeZ-1043&lt;br&gt;Fig. 18</td>
<td>H: 16.3&lt;br&gt;R: 9.8&lt;br&gt;SG3, Level 11, Locus 30</td>
<td>Munsell Color 5Y 8/3 pale yellow&lt;br&gt;Decorated with incised parallel lines&lt;br&gt;Mid-second millennium</td>
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<tr>
<td><strong>TPR 4 40a</strong>&lt;br&gt;Goblet - large&lt;br&gt;ASH2-41&lt;br&gt;DeZ-935&lt;br&gt;Fig. 18</td>
<td>H: 14.9&lt;br&gt;R: 9&lt;br&gt;SG4, Level 11, Locus 18</td>
<td>Munsell Color 5Y 8/3 pale yellow&lt;br&gt;Second quarter of second millennium</td>
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<tr>
<td><strong>TPR 4 40b</strong>&lt;br&gt;Goblet - large&lt;br&gt;ASH2-149&lt;br&gt;DeZ-1042</td>
<td>H: 16.7&lt;br&gt;R: 9.9&lt;br&gt;SG3, Level 11, Locus 29</td>
<td>Munsell Color 5Y 8/3 pale yellow&lt;br&gt;Mid-second millennium</td>
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<tr>
<td><strong>TPR 4 40c</strong>&lt;br&gt;Goblet - large&lt;br&gt;TA 1 11</td>
<td>H: 15.1&lt;br&gt;R: 8.9&lt;br&gt;SG2, excavated in 1975</td>
<td>Munsell Color 2.5Y 8/2 white&lt;br&gt;Mid-second millennium</td>
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<tr>
<td><strong>TPR 4 41</strong>&lt;br&gt;Goblet - large&lt;br&gt;ASH2-40&lt;br&gt;DeZ-934&lt;br&gt;Fig. 18</td>
<td>H: 16&lt;br&gt;R: 8.8&lt;br&gt;SG4, Level 11, Locus 18</td>
<td>Munsell Color 2.5Y 8/4 pale yellow&lt;br&gt;Second quarter of second millennium</td>
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Figure 18
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<th>Description and Date</th>
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<td><strong>TPR 4 42</strong></td>
<td>H: 14.2</td>
<td>Munsell Color 2.5Y 8/2 white</td>
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<tr>
<td>Goblet - large</td>
<td>R: 9</td>
<td>Made in two pieces joined at base of neck</td>
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<td>ASH2-108</td>
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<td>Second quarter of second millennium</td>
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<tr>
<td>DeZ-1002</td>
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<td>SG4, Level 13, Locus 37</td>
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<td>Fig. 19</td>
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<td><strong>TPR 4 43</strong></td>
<td>H: 10.2</td>
<td>Too burnt to determine color</td>
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<tr>
<td>Goblet - medium</td>
<td>R: 6.6</td>
<td>Second quarter of second millennium</td>
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<td>ASH2-84</td>
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<td>DeZ-978</td>
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<tr>
<td>Fig. 19</td>
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<td>Ill. 8</td>
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<tr>
<td><strong>TPR 4 43a</strong></td>
<td>H: 10.8</td>
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<td><strong>TPR 4 44b</strong></td>
<td>H: 12.3</td>
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<td>Second quarter of second millennium</td>
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<td>DeZ-1001</td>
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**Comparative Material**

Nuzi: Starr 1937, pl. 76:Z, there are many examples of this shape goblet at Nuzi, mostly with a more elegant profile than these two vessels.

See also: Thureau-Dangin and Dhorme 1924, pl. LIX:2
**TPR 4: A Typology of Ceramic Vessels**

**Figure 19**

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<td><strong>TPR 4 44c</strong> Goblet - medium</td>
<td>H: 10.8  R: 7  SG4, Level 11, FT12</td>
<td>Munsell Color 2.5Y 8/4 pale yellow  Body pinched near base  Second quarter of second millennium</td>
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<td>ASH2-130  DeZ-1024  Ill. 7</td>
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<td><strong>TPR 4 44d</strong> Goblet - medium</td>
<td>H: 10.7  R: missing  SG4, Level 13, Locus 42</td>
<td>Munsell Color 7.5YR 8/4 pink  Second quarter of second millennium</td>
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<td><strong>TPR 4 44e</strong> Goblet - medium</td>
<td>H: 10.4  R: 6.4  SG4, Level 12, Locus 36</td>
<td>Munsell Color 2.5YR 8/2 white  Surface of vessel heavily corroded  Second quarter of second millennium</td>
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<td>H: 10.2  R: 7.4  SG4, Level 15, FT13</td>
<td>Munsell Color 7.5YR 8/4 pink  Second quarter of second millennium</td>
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<td>ASH2-78  DeZ-972</td>
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<td><strong>TPR 4 44g</strong>&lt;br&gt;Goblet - medium&lt;br&gt;ASH2-42&lt;br&gt;DeZ-936</td>
<td>H: 10.5&lt;br&gt;R: 6.2&lt;br&gt;SG4, Level 7, north</td>
<td>Munsell Color 5Y 8/3 pale yellow&lt;br&gt;Second quarter of second millennium</td>
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<td><strong>TPR 4 44h</strong>&lt;br&gt;Goblet - medium&lt;br&gt;ASH2-129&lt;br&gt;DeZ-1023</td>
<td>H: 10.2&lt;br&gt;R: 6.3&lt;br&gt;SG4, Level 11, FT12</td>
<td>Munsell Color 2.5Y 8/2 white&lt;br&gt;Second quarter of second millennium</td>
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<td><strong>TPR 4 44i</strong>&lt;br&gt;Goblet - medium&lt;br&gt;ASH2-128&lt;br&gt;DeZ-1022&lt;br&gt;Ill. 6</td>
<td>H: 11.1&lt;br&gt;R: 8&lt;br&gt;SG4, Level 14, Locus 48, ST2</td>
<td>Munsell Color 2.5Y 8/2 white&lt;br&gt;Second quarter of second millennium</td>
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<td><strong>TPR 4 44j</strong>&lt;br&gt;Goblet - medium&lt;br&gt;ASH2-26&lt;br&gt;DeZ-922&lt;br&gt;Fig. 20</td>
<td>H: 11.2&lt;br&gt;R: 8&lt;br&gt;SG4, Level 11, Locus 18</td>
<td>Munsell Color 2.5Y 8/4 pale yellow&lt;br&gt;Second quarter of second millennium</td>
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<td><strong>TPR 4 44k</strong>&lt;br&gt;Goblet - medium&lt;br&gt;ASH2-79&lt;br&gt;DeZ-973</td>
<td>H: 9.9&lt;br&gt;R: 7.6&lt;br&gt;SG4, Level 15, FT13</td>
<td>Munsell Color 7.5 YR 8/2 pinkish white&lt;br&gt;Second quarter of second millennium</td>
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<td><strong>TPR 4 44l</strong>&lt;br&gt;Goblet - medium&lt;br&gt;ASH2-109&lt;br&gt;DeZ-1003&lt;br&gt;Ill. 7</td>
<td>H: 9.6&lt;br&gt;R: missing&lt;br&gt;SG4, Level 13, Locus 37</td>
<td>Munsell Color 10YR 8/3 very pale brown&lt;br&gt;Second quarter of second millennium</td>
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<td><strong>TPR 4 45</strong>&lt;br&gt;Goblet - medium&lt;br&gt;ASH2-32&lt;br&gt;DeZ-927&lt;br&gt;Fig. 20&lt;br&gt;Ill. 7</td>
<td>H: 12.2&lt;br&gt;R: 8&lt;br&gt;SG4, Level 8, Locus 29</td>
<td>Munsell Color 2.5Y 8/4 pale yellow&lt;br&gt;Second quarter of second millennium</td>
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Comparative Material
Tell al-Fakhar: Al-Khalesi 1977, fig. 45:b
### Designation and Documentation

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<td>ASH2-76</td>
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<td>DeZ-970</td>
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<td>Ill. 7</td>
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### Dimensions and Stratigraphy

| TPR 4 45a | H: 11  
 R: 6.5  
 SG4, Level 9, Locus 9 |
|-----------|-----------------|
| TPR 4 46  | H: 10.2  
 R: 7.6  
 SG4, Level 15, FT13 |

### Description and Date

- **TPR 4 45a**: Munsell Color 10YR 8/3  
  very pale brown  
  Second quarter of second millennium

- **TPR 4 46**: Munsell Color 7.5YR 8/4 pink  
  Heavily burned on exterior  
  Second quarter of second millennium

### Comparative Material

- **Assur**: Haller 1954, Taf. 2:an
- **Baghouz**: Du Mesnil de Buisson 1948, pl. LXXIX:Z275
- **Chagar Bazar**: Mallowan 1936, fig. 17:6,7
- **Mari**: Parrot 1956, fig. 109:913
- **See also**: Thureau-Dangin and Dhorme 1924, pl. LIX:1,5

- **TPR 4 46a**: Too burnt to tell color flattened  
  Flattened button base  
  Second quarter of second millennium
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<td>H: 9.9</td>
<td>Munsell Color 2.5Y 7/2 light gray</td>
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<td>Goblet - medium</td>
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<td>ASH2-125</td>
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<td>DeZ-1019</td>
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<td>Munsell Color 2.5Y 8/2 white</td>
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<td>Goblet - small</td>
<td>R: 7.8</td>
<td>String cut base</td>
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<td>Munsell Color 10YR 8/3 very pale brown</td>
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<td>R: 7.4</td>
<td>String cut base; bitumen based paint lines on lower body?</td>
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<td>Goblet - small</td>
<td>R: 5.9</td>
<td>String cut base; heavy lower portion of body</td>
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| **TPR 4 52**  
Goblet - small  
ASH2-131  
DeZ-1025  
Fig. 22  
Ill. 7 | H: 7.6  
R: 5.5  
SG4, Level 11, Locus 35, FT12 | Munsell Color 2.5Y 8/2 white  
Base is an added piece of clay which has been pinched  
Second quarter of second millennium |
|  
**Comparative Material**  
Nippur: McCown 1967, pl. 90:10 |  |  |
| **TPR 4 53**  
Composite Shape  
TA 1 12  
Fig. 22  
Ill. 10 | H: 9.5  
R: 4.9  
SG2, 1975 excavation | Munsell Color 2.5Y 8/2 white  
Probably made in at least two parts; string cut base; incised parallel lines at juncture of two shapes  
Mid-second millennium |
|  
**Comparative Material**  
This shape is a composit of the type TPR 4 43 and the top of a bowl or goblet, for example TPR 4 52 |  |  |
| **TPR 4 54**  
Stand  
ASH2-175  
DeZ-1067  
Fig. 22  
Ill. 22 | H: 11.5  
D: 18.3  
SG4, Level 15, FT13 | Too burnt to determine color  
Second quarter of second millennium |
| **TPR 4 55**  
Stand  
ASH2-188  
DeZ-1079  
Fig. 22  
Ill. 21 | H: 8.6  
D: 20.5  
SG4, Level 13, Locus 13 | Munsell Color 5Y 8/2 white  
Some finger impressions on exterior  
Second quarter of second millennium |
Figure 22

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### 4.4. Catalog: Third Millennium

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| **TPR 4 56**  
Bowl  
ASH2-158  
DeZ-1050  
Fig. 23  
Ill. 24  
*AVM DS-1 66-69*  | **H: 6.5**  
**R: 11.9**  
**SG5, Level 5, ST1, Burial 1**  | Munsell Color 2YR 6/8 light red  
Metallic ware; corrugated on upper body; base string cut and then scraped smooth; heavy wheel marks inside; exterior scraped on lower half of body |
| **TPR 4 57**  
Jar  
ASH2-167  
DeZ-1059  
Fig. 23  
Ill. 29  
*AVM DS-1 71*  | **H: 26.2**  
**R: 12.3**  
**SG5, Level 5, ST1, FT9**  | Munsell Color 10YR  
very pale brown  
Metallic ware; some traces of spiral burnishing on exterior |
| **TPR 4 58**  
Jar  
ASH2-163  
DeZ-1055  
Fig. 23  
*AVM DS-1 66-68, 70*  | **H: 21**  
**R: 12.6**  
**SG5, Level 5, ST1, Burial 1**  | Munsell Color 10YR 8/1 white  
Overall burnish on exterior |

**Comparative Material**  
Tell Chuera: Kühne 1976, Abb. 2, 7  
See also: Jiłe-Mallowan 1946, fig. 9:6  

Tell Chuera: Kühne 1976, Abb. 7-70  
Mari: Parrot 1956, fig. 107:1491  

Tell Chuera: Kühne 1976, Abb. 7-26  

*SMS 1, 228*
Figure 23
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<td>H: 15</td>
<td>Munsell Color 2.5Y 7/2 light gray</td>
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<td>R: 10.1</td>
<td>Metallic ware; scraped or wiped with cloth or plant material on exterior; contained <strong>TPR 4 63</strong></td>
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<tr>
<td>ASH2-182</td>
<td>SG5, Level 5, FT9</td>
<td><strong>Mid-third millennium</strong></td>
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<td>DeZ-1073</td>
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<td>Fig. 23</td>
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<tr>
<td>Ill. 30</td>
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<tr>
<td><strong>TPR 4 60</strong> Jar</td>
<td>H: 15</td>
<td>Munsell Color 10YR 8/2 white</td>
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<td>R: 10.1</td>
<td>In some places on exterior this fades into 7.5YR 8/4 pink.</td>
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<tr>
<td>ASH2-168</td>
<td>SG5, Level 5, FT9</td>
<td>Metallic ware; three bands of matt red paint; burnished on exterior in spirals about 3 mm. apart</td>
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<td>DeZ-1060</td>
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<td><strong>Mid-third millennium</strong></td>
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<td>Fig. 24</td>
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<tr>
<td><strong>TPR 4 61</strong> Jar</td>
<td>H: 12.2</td>
<td>Munsell Color 5YR 5/6 yellowish red</td>
</tr>
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<td></td>
<td>R: 8.5</td>
<td>Metallic ware; corrugated around neck; burnished in spirals about 4 mm. apart from base of neck to bottom of vessel</td>
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<tr>
<td>ASH2-68</td>
<td>Surface, SF3</td>
<td><strong>Mid-third millennium</strong></td>
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<tr>
<td>DeZ-962</td>
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<td>Fig. 24</td>
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<td>Ill. 28</td>
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<td><em>AVM DS-1</em> 75</td>
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**Comparative Material**

Chagar Bazar: Mallowan 1936, fig. 13:12; smaller than this ex.
Tell Chuera: Kühne 1976, Abb. 215, 219
Mari: Parrot 1956, fig. 101:531

See also: Tell Chuera: Kühne, 1976, Abb. 89
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| **TPR 4 62**  
Jar - miniature  
ASH2-165  
DeZ-1057  
Fig. 24  
Ill. 27 | H: 6.7  
R: 3.9  
SG5, Level 5, FT9, ST1 |  
Munsell Color 7YR 7/3 pink  
Metallic ware; matt red paint in four parallel lines; spiral burnish marks about 3 mm. apart  
Mid-third millennium |

**Comparative Material**  
Chagar Bazar: Mallowan 1936, fig. 13:2,6 (unpainted)  
Tell Chuera: Kühne 1976, Abb. 56 (unpainted)  
Diyala: Delougaz 1952, pl. 103:b-d (unpainted) |

| **TPR 4 63**  
Bottle - miniature  
ASH2-164  
DeZ-1056  
Fig. 25  
**AVM DS-1 72** | H: 7.3  
R: 2.3  
SG5, Level 5, ST1, FT9 | Munsell Color 5YR 7/3 pink  
Metallic ware; decorated with three painted lines and one dot; spiral burnish about 3 mm. apart  
Mid-third millennium |

**Comparative Material**  
See: Thureau-Dangin and Dhorme 1924, pl. LIX:3, 8 |

| **TPR 4 64**  
Bottle - miniature  
ASH2-67  
DeZ-961  
Fig. 25  
Ill. 26  
**AVM DS-1 74** | H: 9.5  
R: 3  
Surface; SF2 | Munsell Color 5YR 6/6 reddish yellow  
Metallic ware; heavy spiral burnish marks on body; ridges at base of neck  
Mid-third millennium |

**Comparative Material**  
Mari: Parrot 1956, fig. 106:690, 692 (no ridges at base of neck)  
See also: Kühne 1976, Abb. 42 |
Figure 25

TPR 4 62 (1:1)

TPR 4 63 (1:1)

TPR 4 64 (1:1)
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A. Documentary

ASH2-    Prefix of field registration number of artifacts of the second season at Terqa (Ashara).

AVM DS   Audio-Visual Modules - Documentary Series

DeZ      Prefix of inventory number for Museum of Antiquities at Deir ez-Zor

TA       Prefix of field registration number of artifacts of the first season at Terqa (Ashara): TAI-SG1; TAI-SG2.

TPR      Terqa Preliminary Reports

B. Stratigraphic and Typological

FT       Feature

H        Height (in centimeters)

MP       Municipal project (see Fig. 1 for details)

R        Rim diameter (in centimeters)

SF       Surface find

SG       Sounding (see Fig. 1 for details of various operations)

ST       Structure
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Volume 1
Issue 6
August 1977

Teqqa Preliminary Reports, No. 4:
A Typology of Ceramic Vessels
of the Third and Second Millennia from the First Two Seasons
by
M. Kelly-Buccellati and W. R. Shelby

Undena Publications Malibu 1977
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