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## **THE POTTERY FROM A AND C-GROUP TOMBS AT SERRA WEST IN THE MUSEUM OF NATURAL HISTORY, LA PLATA\***

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### **Summary: The Pottery from A and C-Group Tombs at Serra West in the Museum of Natural History, La Plata**

The Museum of Natural History, La Plata, Argentina, houses a ceramic collection of the A-Group and C-Group cultures from Nubian tombs at Serra West (AA and ACS cemeteries), on the west bank of the Nile in Lower Nubia. It has been originated from the division after the excavations made by the Franco-Argentine Archaeological Expedition in Sudan between 1961 and 1963, as part of the UNESCO campaigns to save the Nubian monuments.

**Keywords:** Lower Nubia – Serra West – A-Group pottery – C-Group pottery

### **Resumen: La cerámica de las tumbas de los Grupos A y C de Serra Oeste en el Museo de Ciencias Naturales, La Plata**

El Museo de Ciencias Naturales de La Plata, Argentina, posee una colección de piezas cerámicas provenientes de las tumbas nubias de Serra Oeste (cementérios AA y ACS), sobre la margen izquierda del Nilo, en la Baja Nubia, que pertenecen a las culturas de los Grupos A y C. Esta colección es producto del reparto realizado después de las excavaciones de la Expedición Franco-Argentina en Sudán entre 1961 y 1963, como parte de las campañas de la UNESCO para salvar los monumentos de Nubia.

**Palabras clave:** Baja Nubia – Serra Oeste – Cerámica del Grupo A – Cerámica del Grupo C

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## I. INTRODUCTION

The Museum of Natural History in La Plata,<sup>1</sup> Argentina, houses a collection of reliefs and inscriptions as well as few ceramics from the Ramesside settlement of Aksha, the funerary equipment from some A, C,<sup>2</sup> Meroitic and X-Group tombs from Serra West, and most of the ceramics from a 18<sup>th</sup> Dynasty tomb at Beidir.<sup>3</sup> This collection has been originated from the division after the excavations made by the Franco-Argentine Archaeological Expedition in the district of Serra West, Republic of Sudan (Fig. 1), between 1961 and 1963, under the co-direction of Jean Vercoutter (France) and Abraham Rosenvasser (Argentina), as part of the UNESCO campaigns to save the Nubian monuments. Serra West was located in Lower Nubia on the west bank of the Nile, to the north of the Second Cataract and south of Faras West.

Besides the Ramesside settlement of Aksha, the following sites were excavated<sup>4</sup> inside a polygonal area of ca. 12,5 km<sup>2</sup> (Fig. 2):<sup>5</sup> - **AB**, a temporary C-Group settlement, **AC**, a small C-Group cemetery, and **AM**, a small Meroitic cemetery, all of them in the northern part of the concession around the village of Aksha;<sup>6</sup> - **AXS**, a Meroitic and X-Group cemetery<sup>7</sup> in the northern part of the village of Serra West; - **AA<sub>1-4</sub>**, a group of four very small A-Group cemeteries,<sup>8</sup> - **ACS**,<sup>9</sup> an A and C-Group cemetery, and **MSA**, a Meroitic and X-Group cemetery,<sup>10</sup> both in the southern part of the concession, i.e. in the southern part of the village of Serra West; - **P1 to P9**, Prehistoric sites.

The pottery from the A-Group tombs housed in the Museum comes from two cemeteries at Serra West, AA and ACS (Fig. 2). It has been mainly dated as Late or Terminal A-Group (ca. 3300-3000 BC), contemporary to the very beginning of the 1<sup>st</sup> Dynasty in Egypt. That from the C-Group tombs was recovered from the site ACS, which belongs to the Phases Ia and Ib, i.e. from

<sup>1</sup> "Museo de Ciencias Naturales", Universidad Nacional de La Plata.

<sup>2</sup> The pottery from the A and C-Group tombs was partially published (Fuscaldo 1998); the pottery from the AM (Meroitic), MSA and AXS (Meroitic and X-Group) cemeteries, and from the Ramesside temple and the church at Aksha will be published in 2011.

<sup>3</sup> Fuscaldo 2002. The tomb was located in the district of Faras West.

<sup>4</sup> Vercoutter, in de Contenson 1966: 5.

<sup>5</sup> The district of Serra West was surveyed by Verwers and some cemeteries partially excavated in 1960 and 1961 (Verwers 1962, 21-28), as part of the S(udan) A(rchaeological) S(urvey).

<sup>6</sup> SAS 24-I-20, excavated by Vila (Vila 1967).

<sup>7</sup> SAS 24-I-3, excavated by Pedro Krapovickas (Rosenvasser 1964:100-101).

<sup>8</sup> **AA<sub>1</sub>** (SAS 24-I-22), **AA<sub>2</sub>** (SAS 24-I-23), **AA<sub>3</sub>** (SAS 24-I-24) and **AA<sub>4</sub>** (SAS 24-I-25) (Vercoutter 1963:137-138).

<sup>9</sup> SAS 24-M-6, excavated by Vila.

<sup>10</sup> SAS 24-M-12, excavated by Alberto Rex González.

the 1<sup>st</sup> Intermediate Period to the beginning of the Middle Kingdom in Egypt (ca. 2160-1930 BC).<sup>11</sup>

For the study of the pottery I adopted the classification of wares and types, and the chronology used by Hans-Åke Nordström<sup>12</sup> for the archaeological material from Serra East and other sites in the Sudanese Nubia, excavated by the Scandinavian Joint Expedition; for the fabrics the “Vienna System”, when there is an equivalent.<sup>13</sup> For the chronology of the C-Group pottery, I used the phases established by Manfred Bietak.<sup>14</sup> A complete description of the pottery is presented in the **Catalogue**.<sup>15</sup>

## II. THE A-GROUP

### *Introduction*

Our knowledge from the A-Group culture, as well as the C-Group, mainly comes from tombs, which funerary assemblages included pottery, personal adornments, toilet utensils and tools.

The **A-Group** people settled in Lower Nubia during the 4<sup>th</sup> Millennium BC, contemporary to Nagada I-III in Upper Egypt (3800-3000 BC), i.e. from the Egyptian Predynastic period to the beginning of the Pharaonic state, when we have no more information about this culture.<sup>16</sup> They practiced agriculture in the Nile valley between the First and Second Cataract, breed cattle in the surrounding deserts,<sup>17</sup> and brought exotic products from Sub-Saharan Africa

<sup>11</sup> The Phase Ia is contemporary to the 9<sup>th</sup> and 10<sup>th</sup> Dynasties, and Ib to the end of the 11<sup>th</sup> and the beginning of the 12<sup>th</sup> Dynasties.

<sup>12</sup> Nordström 1972; 1989.

<sup>13</sup> Nordström and Bourriau, chapter 4, in Arnold and Bourriau 1993.

<sup>14</sup> Bietak 1968.

<sup>15</sup> The references to the vessels are mentioned in the commentary, catalogue and drawings by an order number (No.). In the Catalogue, the pottery is first arranged by origin, and then by ware groups. Above the boxes, the code MLP-Ar- followed by a five-digit number belongs to the inventory of the **Museum of La Plata**, section of **Archaeology**, and in { } the drawing number; inside the boxes, there are included ware, fabric, shaping technique, firing index and hardness.

<sup>16</sup> Because of the existence of regional variations in the A-Group culture, Gatto (2004b) suggests that the evidence from the area between Gerf Hussein and Melik en-Nassir can be called “A-Groups”, instead of “A-Group”, and all the sites of the First Cataract “Nagadians”.

<sup>17</sup> A-Group settlement sites were discovered in Wadi Shaw and Wadi Sahal, in the Laqiya region, south-western of the Second Cataract, being the occupation area much larger than what was known before (Lange 2003 and 2004).

to Egypt. Their settlements and tombs were located in strategic areas in connection with these trade routes. The contacts between Upper Egypt and Nubia in the late Predynastic period show the interest of the Nagadians in African prestige goods, such as gold, ivory, incense, ebony, exotic animal skins. At the same time, Nagada culture products, such as wine jars, cooper tools, stone vessels and faience, are found in A-Group sites of Lower Nubia.

According to the chronology of the Egyptian pottery found in A-Group contexts, the *Early A-Group* is dated to Nagada Ic-IIa (ca. 3700-3500 BC), and the *Late* or *Terminal A-Group* to Nagada IIc-IIIb (ca. 3300-3000 BC).<sup>18</sup> The Egyptian military activity in Lower Nubia during the Late Predynastic Period, i.e. the Dynasty "0", destroyed the A-Group trade and consequently produced the declining of the ruling elite, as it is shown by the disappearing of imports in Lower Nubia and by the end of the cemetery L at Qustul.<sup>19</sup>

### ***Commentary on the A-Group Pottery Collection***

The Museum has 68 vessels from the AA and ACS cemeteries, from which 56 are Nubian (82 %) and 12 imported (18 %; Graph 1). Most of them (61 vessels) come from the site ACS, being 51 Nubian and 10 Egyptian; from the site AA, 5 are Nubian and 2 imported.<sup>20</sup>

#### ***1. The Nubian Pottery***

The *Early Nubian* pottery is hand-made. The open shapes were formed with the paddle-and-anvil shaping technique; the closed vessels were made in sections and then joint at the neck. On the techniques there is a vessel worth mentioning: **No. 4** (Fig. 3), a **cup**, free modelling with the fingers, the simplest and earliest method used for modelling. The texture is uncompacted and smooth, with some marks of scraping, a thumb-mark on the base and finger-prints on the rim.

The *shapes* are cups (14 vessels; 25 %), bowls (33; 59 %), jars (8; 14 %), and a strainer (Graph 3). They are mostly rounded-bottomed (30; 54 %), some have dimpled bases (9; 16 %), flattened (7; 12 %) or pointed (3; 5 %); one base is knob-shaped (2 %; Graph 12).

<sup>18</sup> Gatto 2004b.

<sup>19</sup> Williams 1986.

<sup>20</sup> As part of the funerary equipment from the A-Group tombs, the Museum collection includes four cosmetic palettes, a mortar with the grinder, an ostrich egg, and a copper fish-hook and a pair of tweezers both imported from Egypt.

The fabric most used is Nile B<sub>1</sub> (44 vessels; 79 %), Nile silt clay tempered with dung, because the A-Group people were cattle herders. Other fabrics are Nile D, “Nile B<sub>1</sub> type”, tempered with limestone particles and some straw (6 vessels; 11 %); Nile C, a coarse fabric with chaff inclusion (4 vessels; 7 %), and an ash-tempered Nile silt clay fabric classified by Nordström as II A (2 vessels, 3 %; Graph 10), with no equivalence in the “Vienna System”.

The most used wares are *Brown-and-black, burnished* (21 vessels; 38 %), then *Smooth, brown* (18; 32 %), and finally *Brown burnished* (17; 30 %; Graph 4). In the group of *Smooth, brown wares*, 12 vessels are *uncoated brown smoothed* (67 %), 2 *scraped* (11 %), and 4 *red-coated* (22 %; Graph 5). The *Brown burnished wares* include 4 vessels (23 %) of *uncoated, plain, burnished brown ware*, 10 (59 %) of *red-burnished ware*, 2 (12 %) of *ripple, red ware*, and a vessel of *red-burnished ware with uncompacted interior* (6 %; Graph 6). In the group of *Brown-and-black, burnished wares*, 5 vessels (24 %) are *plain, burnished, brown-and-black ware*, 9 (43 %) *coated, plain, burnished, red-and-black ware*, and 7 (33 %) *rippled, red-and-black ware* (Graph 7).

The exterior surface treatment is burnished (50 %), smoothed (30 %), rippled (16 %) or scraped (4 %; Graph 13). Most of the pottery is plain (77 %), but some vessels with very thin side-walls (“egg-shell” ware; **Nos. 21, 36 to 41**; Figs. 4-6; 12 %; Graph 14)<sup>21</sup> have a red-painted decoration, and then, when the surface was leather-hard, it was skilled smooth to get a low to high lustre burnishing. From a technical point of view this ware is the finest of the A-Group pottery.<sup>22</sup> Others have a vertical ripple-burnished surface (**Nos. 51-56**; Fig. 7; 11 %),<sup>23</sup> which is achieved by combing the vessel before burnishing. These rippled ceramics present also a decoration on the rim top (milled rim): an impressed pattern of oblique, parallel, closed lines, or zigzag lines, except a jar (**No. 56**, Fig. 7) with a plain rim (Graph 14).<sup>24</sup>

## 2. The Imported Pottery

The imported pottery (12 vessels) comes from two regions, Egypt (10 vessels, 83 %) and the Eastern Sahara (2 vessels, 17 %; Graph 2).

All the *Egyptian ceramics* (**Nos. 57-66**) were found in tombs from the site ACS. They are mainly made of Marl A<sub>1</sub>, a limestone-tempered fabric, and of a hard, pink or grey ware of Egyptian Predynastic tradition (9 vessels, 90 %).

<sup>21</sup> Graph 14.

<sup>22</sup> The “egg-shell” ware is found in the type groups of *Burnished, brown ware* and *Burnished ware, brown exterior and black interior*.

<sup>23</sup> Graph 14.

<sup>24</sup> Red-rippled wares were occasionally found in Late A-Group contexts.

This fabric is characterized as a homogeneous groundmass, with irregular pores produced by the burning of the limestone particles added as temper and a light-red core. Only one is made of Nile silt clay, in Nile C fabric, i.e. chaff-tempered (10 %; Graph 9).<sup>25</sup> The shapes are mainly jars (8; 80 %), and only 2 are bowls (20 %; Graph 8).

The Egyptian pottery is also hand-made. The closed vessels were shaped in sections and then joint at the neck, which was added in a turning device that forms a regular rim and leaves throwing lines on it.<sup>26</sup> A jar<sup>27</sup> was coil-made, whose junctures are tactually preserved.<sup>28</sup> The bases are round. The open shapes were made with the paddle-and-anvil shaping technique. The surface treatment is smoothed, burnished or scraped. Some of the vessels are decorated.

**No. 59** (Fig. 8), a **slender jar**, and **No. 61** (Fig. 8), a **medium-broad jar** with an incised potmark on the body, were vertically smoothed with an instrument. **No. 62** (Fig. 8), a **medium-broad jar**, has the surface vertically scraped, and was decorated with an incised potmark and red-painted wave-lines. **No. 66** (Fig. 8), also a **medium-broad jar**, presents an incised geometric potmark on the shoulder made on the surface burnished with low lustre. **No. 65** (Fig. 8) is a **medium-sized bowl** with clearly distinct burnish marks running radial inside from the rim towards the base, and horizontal outside. **No. 58** (Fig. 7), a **medium-sized, deep bowl**, has both surface smoothed. A crack, developed radial from the rim downwards, has been repaired with a string as two repair holes show.

These jars and bowls employed as containers were imported from Upper Egypt, because of the marl clay utilized for shaping. The jars were used to transport wine to Nubia,<sup>29</sup> and then locally reused for storage.<sup>30</sup>

**No. 57** (Fig. 7) is a Nile clay **large jar** with a very short neck, an ovoid body and a flattened base, classified as “rough ware”, i.e. chaff-tempered coarse ware (Nile C), and coil-made, whose junctures are tactually preserved. The texture is uncompacted and coarse.

<sup>25</sup> Arnold and Bourriau 1993: fasc. 1, Chap. 2.

<sup>26</sup> The use of a turning device without an axis can not produce a centrifugal force because it is too slow and intermittent; the parallel lines, which look like the lines made in throwing, stop outside, and inside on the rim and the shoulder of the vessel. This technique was introduced between Nagada I and II.

<sup>27</sup> **No. 57** (Fig. 7).

<sup>28</sup> It is a process of building up the vessel wall with superimposed rolls of clay, trimmed by hand.

<sup>29</sup> The vessels preserve inside marks of the liquid.

<sup>30</sup> Except **No. 62** which is completely clean inside.

The Egyptian pottery is dated to the very beginning of the 1<sup>st</sup> Dynasty.

**Eastern Sahara imports.** Nos. 67 and 68 (Fig. 8) are the so-called “Clayton rings”,<sup>31</sup> a ring open at both ends. These are made of unbaked clay, sun dried, tempered with chaff and sand. No perforated disks, usually found together with the rings, are in the Museum. These objects come from the same cemetery (AA) and tomb (No. II), as come the two rings and their disks housed now in Lille.<sup>32</sup>

“Clayton rings”, which function and use are unknown, have been discovered in both sides of the Nile valley, in the Western and Eastern deserts of Egypt: in the first one, in large number in many sites of the Eastern Sahara region, from Wadi Shaw in the south to Farafra Oasis in the north, and in the second desert, in Wadi Umm Sidrah.<sup>33</sup> They are predominantly found in short-term transitory camps in the desert around the Late Predynastic or Early Dynastic period, ca. 3200-3100 BC,<sup>34</sup> probably made by the indigenous population from the oasis.<sup>35</sup>

### 3. Specific Characteristics of the A-Group Pottery Collection in the Museum

Some characteristics of the Nubian and imported pottery from the A-Group tombs, which are not found in the large amount of ceramics recovered by the Scandinavian excavations, or present variations in the type group, in the combination of shape and ware, in the shape or in the decoration, are mentioned below.

#### A) The A-Group Pottery

The **dish No. 21** (Fig. 4) has a decoration inside: a *red-painted “feather”-pattern design* applied on the light brown uncoated surface, and is plain red-painted outside. Both surfaces were burnished with medium lustre. It is unknown in the Scandinavian Collection, although dishes painted inside were found in the funerary equipment of the tombs at Qustul.<sup>36</sup>

*Decorative patterns were painted, instead of incised*, on the exterior surface of some vessels. An inverted-triangle pattern, filled with parallel lines, was

<sup>31</sup> I had originally classified these rings as potstands (“two potstands, unfired, are a local version of Egyptian potstands”).

<sup>32</sup> Inv. Nos. L(ille) 463 and L 464, “stand for”; L 465 and L 466, “disk”; from the cemetery AA II, Nos. 5, 6, 7 and 8, respectively (*GEM*).

<sup>33</sup> The last two areas are located at the latitude of Middle Egypt.

<sup>34</sup> These rings probably cover a period from Nagada IIc-d to the Old Kingdom (Riemer 2004).

<sup>35</sup> Riemer 2004: 978.

<sup>36</sup> Williams 1986.



red-painted on the upper part of the **bowl No. 36** (Fig. 5), while the lower part was full painted. Basket-work patterns were red-painted on two **bowls**, **No. 37** (Fig. 5), and **No. 40** (Fig. 6), this with the decoration applied on the upper part of the vessel and the lower part full painted. A red-painted herring-bone pattern was applied on the **deep bowl No. 39** (Fig. 6), and a red-painted criss-cross lines pattern decorates a **cup (No. 41, Fig. 6)** made of red-and-black burnished ware. A complex red-painted design, which combines criss-cross lines, inverted triangles -filled with red paint- and a herring-bone pattern, is found on the **bowl No. 38** (Fig. 5).

Some vessels present *variations or differences in the type group*. Two **jars** were made with rounded bases: **No. 9** (Fig. 3) with a very short neck and ovoid body, and **No. 13** (Fig. 3) with an oval body, restricted shape, and scraped surface. A third one, **No. 14** (Fig. 4), has a modelled, everted rim - instead of a direct rim. The **shallow bowl** with an unrestricted shape, **No. 54** (Fig. 7), has a knob-shaped base, a variant to the Type Group AXb1 with a rounded base. **No. 20** (Fig. 4), a **deep bowl** with a pointed lower body, restricted shape and pointed base, has the exterior plain burnished instead of decorated, such as in the Type Group A1a16.

**No. 12** (Fig. 3), a **large jar** with a pointed lower body and short neck, a restricted, necked vessel shape (RNI.3), rounded-bottomed with a slight knob, made of Nile D ("Nile B<sub>1</sub> type"), is designated with a new number, *Type Group A1g4*.

A *different combination of shape and ware* is represented in some vessels, and therefore classified as new type groups. **No. 8** (Fig. 3) is a **deep bowl** with a rounded lower body, the restricted shape 5, and uncoated ware with both surfaces brown smoothed. **No. 19** (Fig. 4) is a **cup** with a pointed lower body, the restricted shape RS.4, a pointed base, brown burnished ware and black-topped. The **cup No. 16** (Fig. 4), with an oval body and a broad variant of the restricted shape RS.2, was made of red-coated smoothed brown ware, instead of brown-and-black burnished ware as in the SJE Corpus.

The **deep bowl No. 33** (Fig. 5), with a pointed lower body and pointed base, was modelled with the restricted shape 4, and ripped on a red coating outside and brown burnished inside. The **shallow bowl No. 34** (Fig. 5), with a rounded body and the unrestricted shape 18, was ripped on the red coating outside and brown burnished inside. The **bowl No. 45** (Fig. 6), with a slightly pointed lower body and rounded base, has the restricted shape 11 and was made of burnished red-and-black ware.

**No. 50**, a **bowl** (Fig. 7) with a nearly hemispheric body, modelled in the unrestricted shape 5, and **No. 51** (Fig. 7), a black-mouthed **bowl** with a pointed

body, the unrestricted shape 10 and a dimpled base, were made of ripple, red-and-black burnished ware and black-mouthed.

#### B) The Imported Pottery

The **round-bottomed bottle No. 64** (Fig. 8) is a *variant\** of the Type Group AXIn1. It was made of Marl A<sub>1</sub>, with the surface burnished with low lustre. It preserves the turning marks on the neck. Two **jars** have incised potmarks, such as a *sandal-print* (**No. 60**, Fig. 8) and a *panther* (**No. 63**, Fig. 8). The last one is decorated also with an incised geometric potmark on the lip and dark red-painted wavy-lines. These potmarks have been already represented in rock drawings but not in the vessels. These three vessels are Egyptian imports.

No Eastern Sahara “Clayton rings” were found in the Scandinavian excavations.

#### 4. Conclusions

The pottery from the A-Group tombs mainly belongs to the Late or Terminal Period, which is contemporary to the very beginning of the 1<sup>st</sup> Dynasty in Egypt (20 tombs; 47 %). Four tombs (9 %) are dated to the Classic period, i.e. in the time of Nagada III; one (2 %) can be from the Classic or the Late period, and sixteen tombs (37 %) have pottery that is common to all the periods. In two of the tombs no pottery has been found to date it, only a find in each one (Graph 15). This collection adds some new features to the A-Group pottery from Lower Nubia, particularly to the SJE Corpus.

### III. THE C-GROUP

#### *Introduction*

The **C-Group** people appeared in Lower Nubia around 2300 BC, and continued there until 1500 BC, i.e. from the late Old Kingdom to the early New Kingdom in Egypt. The first settlers probably entered in Lower Nubia from the south. The culture is closely related, if not identical, to the earliest phase of the Kerma culture settled about the same time southern of the Third Cataract, because *Early C-Group* material is already found there.<sup>37</sup> As the A-Group people, at the

<sup>37</sup> Edwards 2004: 110.

beginning they were mainly pastoralist, herders of cattle, sheep and goats; later they practiced also agriculture and developed larger tribal organisations headed by powerful chieftains.<sup>38</sup> The most important settlements, such as Faras, Qustul, Aniba and Dakka, definitely indicate a sedentary life.

Bietak<sup>39</sup> established five chronological phases or periods of this culture based on the characteristic of the tombs and the pottery. The first two phases, Ia and Ib, are dated to a span of time from the 1<sup>st</sup> Intermediate Period to the early Middle Kingdom.<sup>40</sup> The phase IIa is contemporary to the 12<sup>th</sup> Dynasty, when the Egyptians occupied Lower Nubia around 2000 BC and dominated the areas of the C-Group people by fortresses located in strategic places along the Second Cataract. The fourth phase, IIb, is dated to the 2<sup>nd</sup> Intermediate Period, when the Kingdom of Kerma unified Nubia; the large communities of the C-Group must have disappeared, and only small cemeteries are found in this phase. Phase III is the last stage, parallel to the 18<sup>th</sup> Dynasty; in the late part of this phase, a mix of cultures, Egyptian, Pan Grave and Kerma, occupied Lower Nubia.<sup>41</sup>

### *Commentary on the C-Group Pottery Collection*

The C-Group pottery collection is very small. It comes from the site ACS (Fig. 2), and consists of 21 Nubian vessels (95 %) and an Egyptian one (5 %; Graph 16). The pottery that is characteristic of this culture is represented in the collection: black incised (BI), red incised (RI) and red-burnished black-topped bowls.<sup>42</sup>

#### *1. The Nubian Pottery*

The *Middle Nubian* pottery is hand-made. All the vessels were made of Nile B<sub>1</sub> fabric. The *shapes* are mostly bowls (18 vessels; 90 %), only two are jars (10 %; Graph 17). The vessels are quite fragmentary: no more than two pots are complete; some are fragments with the section complete or partially reconstructed, or rim sherds; and others are body sherds from bowls or jars. The most used wares are *Brown-and-black burnished* (9 vessels; 45 %), then

<sup>38</sup> Bietak [n.d.].

<sup>39</sup> Bietak 1987.

<sup>40</sup> Phase Ia (or *Early C-Group*) // 9<sup>th</sup>-10<sup>th</sup> Dynasties; Phase Ib // late 11<sup>th</sup> - early 12<sup>th</sup> Dynasties.

<sup>41</sup> Bietak 1987.

<sup>42</sup> As part of the funerary equipment from the C-Group tombs, the Museum collection includes faience, egg-shell and ceramic beads from necklaces, and two fused faience ball-shaped beads imported from Egypt. The dating of the object as C-Group is recorded in the inventory of the Mission, but there is no pottery associated with them in the Museum for dating.

*Burnished, black-incised* (6; 30 %), and finally *Smoothed, uncoated brown* (4; 20 %). Only a vessel (5 %) was made of *Burnished, red-incised ware* (Graph 18). Most of them are decorated.

The only complete, plain pots are a jar and a bowl. The **jar, No. 71** (Fig. 9), has a rounded body, restricted, necked shape with an inflected contour, modelled rim and round base, a maximum diameter of 15 cm and a height of 16 cm. The exterior is smoothed with a black-topped rim, and the interior combed. The **bowl, No. 83** (Fig. 10), has a rounded body, restricted shape with a simple, continuous contour, direct rim and rounded base. It is 16.5 cm of maximum diameter and 9.5 cm high. The red-coated exterior and the black interior were burnished. This bowl and the body sherd of another (**No. 84**, Fig. 10) are the only ceramics of *Red-and-black burnished, black-topped ware* in the Museum.

Three sherds have an **incised decoration** made on the *uncoated, smooth brown* surface. One of them is from the rim of a **large bowl (No. 70, Fig. 9)**, decorated with a pattern of horizontal herring-bone whole-lines, similar to the SJE collection No. 9 from the site 370 at Abka. The design was made with a pointed instrument which leaves slightly raised edges on both sides of the incised trough. The others are the body sherds from a **bowl (No. 69, Fig. 9)** with a radial design structure and a pattern of parallel vertical lines, and from a **jar (No. 72, Fig. 9)** with two horizontal lines and a pattern of oblique parallel lines.

Three bowls have a **red-impressed** decoration. **No. 80** (Fig. 10) is a fragment of a **large bowl** with a pointed body, made of *burnished red-coated and black ware, black-mouthed*. The design has a radial structure and a pattern of vertical parallel dotted-lines made with a rocker-stamp, which covers the exterior from the base to the rim. Similar decoration is found on the rim sherd **No. 81** (Fig. 10) from a **bowl**, and on the body sherd **No. 82** (Fig. 10) from another one. The design corresponds to No. 12 of the Phase Ia in Bietak classification, who dated this phase as *Early C-Group*, contemporary to the 9<sup>th</sup> and 10<sup>th</sup> Dynasties.

Other three bowls have a **black-incised** decoration. **No. 74** (Fig. 9) is the rim and body fragment from a **bowl** with a rounded body and direct rim. The exterior surface has a decoration, with traces of white filling, of a quadrilateral design structure, a pattern of plain and incised woven bands and an incised rim-band, which corresponds to Ib 4 in Bietak classification. The surface was burnished outside and combed inside. **Nos. 75 and 76** (Fig. 9) are body sherds from two **bowls** with the same design: a pattern of plain and incised concentric lozenges, Ib 5 in Bietak classification.

A sherd has a **black impressed-incised** decoration. It is **No. 77** (Fig. 9), the rim and body fragment of a **bowl**, decorated with an incised zigzag band beneath the rim, a burnished band between the rim and the body, and an incised pattern of burnished snakes on the impressed hatched background on the body. Similar design could have had another **bowl**, from which only a sherd with the impressed hatched surface was recovered **No. 79**, (Fig. 9). The decoration corresponds to Ib 8 in Bietak classification. The surface of all these black-incised bowls was burnished outside and scraped inside, i.e. made of *black, burnished, incised ware with uncompacted interior*.

Others **bowls** (**Nos. 73, 85-88**) were made of *burnished ware, with brown or black uncompacted interior*, and different **red-incised** designs.

A quadrilateral design structure with a pattern of incised chevrons, plain and with parallel lines, which corresponds to Ib 7 in Bietak classification, is found on the **bowls No. 73** (Fig. 9) and **No. 85** (Fig. 10). The first one, a shallow bowl of unrestricted shape, direct rim, broad flat base, and combed brown interior, 16 cm of rim and 4.8 cm high, has an incised rim-band. The second one, a rim sherd with a combed black interior, has an impressed zigzag pattern on the black-mouthed rim-band. A pattern of plain and incised concentric lozenges decorates the body sherd **No. 86** (Fig. 10) from a **bowl**; and a pattern of plain and incised woven bands the body sherds **Nos. 87 and 88** (Fig. 10) also from bowls. The first pattern corresponds to Ib 5 in Bietak classification, and the second one to Ib 4. All of them have a combed black interior.

The Phase Ib is dated as *Middle C-Group*, contemporary to the late 11<sup>th</sup> and early 12<sup>th</sup> Dynasties in Egypt.

## 2. The Imported Pottery

An imported vessel, the only Egyptian from the C-Group tombs at the Museum, is **No. 89** (Fig. 10), a complete **jar** with a globular body, restricted, necked with an inflected contour, an everted direct rim and a round base which was flattened. The vessel was modelled in a slow wheel because of the throwing lines preserved inside; the body was smoothed by hand, as the finger-marks show, and the rim finished on the wheel, slightly pinched with the fingers. It was made of Nile silt clay tempered with dung (Nile B<sub>1</sub>), and of red-coated ware. It is similar to the jar Nr. E.2541 from Beni Hasan, now in the Ashmolean Museum,<sup>43</sup> dated to the beginning of the Middle Kingdom.

<sup>43</sup> Bourriau 1981, 61, No. 108.

### 3. Conclusions

The pottery from the C-Group tombs of the ACS cemetery mainly belongs to the Phase Ib in Bietak classification, that is to say to the *Middle C-Group*, contemporary to the late 11<sup>th</sup> and early 12<sup>th</sup> Dynasties in Egypt, ca. 2025-1930 BC (Graphs 20 and 21). **No. 84**, a red-coated burnished sherd that was found in the same tomb (No. CXXXVII) than the sherds **Nos. 87** and **88**, can be dated to the Phase Ib. Three bowls (**Nos. 80-82**) are earlier, from Phase Ia, i.e. from the *Early C-Group*, parallel to the 9<sup>th</sup> and 10<sup>th</sup> Dynasties in Egypt, ca. 2150-2025 BC (Graph 20). Others (**Nos. 69-72**, and **83**) can only be classified as C-Group. Although the Egyptian pottery is very frequent in the Phase Ib, only one vessel (**No. 89**) was recovered. It is dated to the beginning of the Middle Kingdom.

This collection adds no new characteristics to the C-Group pottery of Lower Nubia.

## IV. CATALOGUE OF THE POTTERY

### THE A-GROUP POTTERY

#### A. Local Pottery. Hand-made Pottery of Nubian Tradition

##### 1. Smooth, brown wares (Ware Group: H1)

##### 1.1. Uncoated, brown ware (Ware Group: H1.01)

##### 1.1.1. Variant: both surfaces brown (Ware Group: H1.01a)

**No. 1: cup** (Fig. 3), MLP-Ar-70140 {17/1994}

uncoated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	medium	1-2
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Complete; deformed. Slightly rounded body (Type Group: A1a5); unrestricted shape 6; direct rim, irregular shape and rounded base. Rd: 9.4-9.7 cm; Wd: 0.5 cm; H<sub>1</sub>: 4.4-5 cm. V(essel) I(ndex): 194. Surface colour: 7.5YR 6/4 light brown. Dung-tempered. Uncompacted surface, black-spotted; scraping marks inside; a thumb-mark outside. Smoothed. *A-Group. ACS LXXXV, No. 2; Mission No. 195.*

**No. 2: cup** (Fig. 3), MLP-Ar-70156 {21/1994}

uncoated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	1-2
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Complete. Nearly pointed body (Type Group: A1a17); restricted shape 7; direct rim, irregular shape. Rd: 5.3-5.6 cm; Md: 6.9 cm; Wd: 0.7 cm; H<sub>1</sub>: 7.7-8.6 cm; H<sub>2</sub>: 2-6 cm. VI: 80. Surface colour: 7.5YR 6/4 light brown-2.5YR 5/6 red. Break: black. Dung-tempered. Irregular side walls; scraping marks; black-spotted; finger prints inside, a thumb mark outside. Smoothed. Traces of red pigment inside the cup. *A-Group. ACS XCIII, No. 3; Mission No. 208.*

**No. 3: cup** (Fig. 3) MLP-Ar-70128 {50/1994}

uncoated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	1-2
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Complete section; incomplete rim. Nearly oval body (Type Group: A1a17); restricted shape 7; direct rim, irregular shape, and rounded base. Rd: 3.5-4 cm; Md: 6 cm; Wd: 0.6 cm; H<sub>1</sub>: 6.5-7 cm; H<sub>2</sub>: 3 cm. VI: 86. Surface colour: 7.5YR 6/4 light brown. Break: black. Dung-tempered. Black-spotted, some scraping marks; a finger-print on the body (outside and inside); irregular side walls. Smoothed. *A-Group. ACS XLIII, No. 18; Mission No. 99.*

**No. 4: cup** (Fig. 3), MLP-Ar-70131 {68/1994}

uncoated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	1-2
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Complete section; incomplete rim and body. Pointed body (Type Group: A1a20); restricted shape (11); direct rim, rounded shape, and rounded base. Rd: 7-7.5 cm; Md: 9 cm; Wd: 0.5 cm; H<sub>1</sub>: 8.8 cm; H<sub>2</sub>: 6 cm. VI: 102. Surface colour: 7.5YR 6/4 light brown. Break: black. Dung-tempered. Free modelling with the fingers; black-spotted; some scraping marks; a thumb mark on the body and finger-prints on the rim (outside). Smoothed. *A-Group. ACS XLVII, No. 15; Mission No. 180.*

**No. 5: cup** (Fig. 3), MLP-Ar-70164 {51/1994}

uncoated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	1-2
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Complete. Pointed body (Type Group: A1a20); restricted shape 11; direct rim, rounded shape, and rounded base. Rd: 8.3 cm; Md: 8.8 cm; Wd: 0.5 cm; H<sub>1</sub>: 7-7.5 cm; H<sub>2</sub>: 6 cm. VI: 117. Surface colour: 7.5R 6.4 light brown-2.5YR 6/6 light red. Break: black. Dung-tempered. Black-spotted, some scraping marks; a finger-print near the base outside and inside; burnish marks beneath the rim (inside). Smoothed. *A-Group. ACS CXV, No. 1; Mission No. 252.*

**No. 6: deep bowl** (Fig. 3), MLP-Ar-70151 {29/1994}

uncoated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	1-2
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Complete. Slightly pointed body (Type Group: A1a16); restricted shape 4; direct rim, flattened shape, and pointed base. Rd: 8.5-9.2 cm; Md: 10.25 cm; Wd: 0.65 cm; H<sub>1</sub>: 12.5 cm; H<sub>2</sub>: 9 cm. VI: 82. Surface colour: 7.5YR 6/4 light brown. Break: black. Dung-tempered. Irregular wall; black-spotted; some scraping marks outside and inside; a thumb-mark near the base (outside); a finger-print near the base (inside). Smoothed. *A-Group. ACS XLIX; Mission No. 126.*

**No. 7: deep bowl** (Fig. 3), MLP-Ar-70153 {24/1994}

uncoated	Nile C (=Nordström II E)	Ha <sub>1</sub>	low	1-2
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Complete section; incomplete rim and body; mended. Pointed body (Type Group: A1a14); restricted shape 6; direct rim, rounded shape, and rounded base. Rd: 10.5 cm; Md: 12.5 cm; Wd: 0.5 cm; H<sub>1</sub>: 17 cm; H<sub>2</sub>: 13 cm. VI: 73. Surface colour: 10YR 6/4 yellowish brown. Break: black. Chaff until 6 mm; mica. Black-spotted; vertical burnish marks, horizontal beneath the rim; finger prints outside. Smoothed. *A-Group. ACS LXXXVIII, No. 2; Mission No. 191.*

**No. 8: deep bowl** (Fig. 3), MLP-Ar-70141 {27/1994}

uncoated	Nile C (=Nordström II E)	Ha <sub>1</sub>	low	1-2
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Complete. Rounded lower body (Type Group: A1a34\*), restricted shape 5; direct rim, rounded shape, and rounded base. Rd: 9.5 cm; Wd: 0.8 cm; H<sub>1</sub>: 12.5 cm; H<sub>2</sub>: 8.5-10.4 cm. VI: 76. Surface colour: 5YR 6/3 light reddish brown. Break: black. Chaff tempered. Some scraping

marks before smoothing; burnish marks beneath the rim (outside and inside); black-spotted. Smoothed. *A-Group. ACS L, No. 2; Mission No. 127.*

**No. 9: large jar** (Fig. 3), MLP-Ar-70163 {62/1994}

uncoated	Nile C (=Nordström II E)	Ha <sub>1</sub>	low	1-2
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Complete section; incomplete rim and body. Very short neck and an ovoid body (*Type Group: Alg3 var.\**); restricted, necked vessel with an inflected contour 3; modelled, everted rim, round exterior with an angular transition between the basal part of the lip and the vessel exterior, and rounded base. Rd: 8.8 cm; Md: 18.5 cm; Wd: 0.6 cm; H<sub>1</sub>: 23 cm; H<sub>2</sub>: 14.5 cm. VI: 80. Surface colour: 2.5YR 5/4 reddish brown (outside); 2.5YR 6/4 light reddish brown (inside); 10R 5/6 red on some parts of the exterior surface. Break: black. Chaff tempered. Black-spotted; burnishing marks below the rim (inside); conspicuous scraping marks. Smoothed. *A-Group. ACS VIII, No. 3.*

**No. 10: strainer** (Fig. 3), MLP-Ar-70143 {13/1994}

uncoated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	1-2
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Complete. Shallow, saucer-like vessel with straining holes through the base (*Type Group: Alh1*); unrestricted shape 18; direct rim, irregular shape, and rounded base. Rd: 14.5-15.2 cm; Wd: 0.6 cm; H<sub>1</sub>: 5-6 cm. VI: 253. Surface colour: 7.5YR 6/4 light brown. Break: black. Dung tempered. Black-spotted; horizontal scraping marks; straining holes through the base. Smoothed. *A-Group. ACS LXXII, No. 3; Mission No. 148.*

**1.1.2. Variant: both surfaces dusky brown to greyish-brown and fabric (Nordström) I D (Ware Group: H1.01d)**

**No. 11: cup** (Fig. 3), MLP-Ar-70135 {45/1994}

uncoated	Nile D, "Nile B <sub>1</sub> type" (=Nordström I D)	Ha <sub>1</sub>	low	1-2
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Complete, mended. Nearly oval body (*Type Group: Ala17*); restricted shape 7; direct rim, irregular shape, and rounded base. Rd: 4.5-5 cm; Md: 5.4-5.7 cm; Wd: 0.55 cm; H<sub>1</sub>: 5.5-6 cm; H<sub>2</sub>: 4 cm. VI: 95. Surface colour: 5YR 6/4 light reddish brown. Break: black. Limestone particles until 1 mm, and some straw. Black-spotted; a thumb-mark near the base outside and inside; burnish marks. Smoothed. *A-Group. AA XXIX; Mission No. 26.*

**No. 12: large jar** (Fig. 3), MLP-Ar-70172 {61/1994}

uncoated	Nile D, "Nile B <sub>1</sub> type" (=Nordström I D)	Ha <sub>1</sub>	low	1-2
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Complete section; incomplete body; mended. Pointed lower body and a short neck (*Type Group: Alg4*); restricted, necked vessel with an inflected contour 3; modelled, everted rim, rounded exterior lip with an angular transition between the basal part of the lip and the vessel exterior, and a rounded base with a slight knob. Rd: 13 cm; Md: 30 cm; Wd: 0.8 cm; H<sub>1</sub>: 38 cm; H<sub>2</sub>: 24 cm. VI: 79. Surface colour: 7.5YR 6/4 light brown. Black core; an oxidation zone on the exterior. Limestone (particles until 3 mm) and sand tempered. Smoothed and uncompacted texture; a thumb-print on the base, outside; scraping marks below the rim, inside. Smoothed. *A-Group. ACS LXXX A, No. 6; Mission No. 179.*



**1.2. Uncoated, scraped (Ware Group: H1.02)****1.2.1. Variant: both surfaces brown (H1.02a)****No. 13: jar** (Fig. 3), MLP-Ar-70171 {08/1994}

uncoated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section; incomplete body, mended. Oval body (*Type Group: Ale12 var.\**); restricted shape 7; direct rim, rounded shape with an angular transition between the rim top and the interior surface, and rounded base. Rd: 10.8-10.6 cm; Md: 19 cm; Wd: 1 cm; H<sub>1</sub>: 22.5-23 cm; H<sub>2</sub>: 13 cm. VI: 83. Surface colour: 7.5YR 6/4 light brown. Break: black. Dung-tempered. Black-spotted; vertical and oblique scraping marks, horizontal below the rim; some burnish marks on the shoulder; finger-prints on the shoulder (inside), and two thumb fingers on the base (outside). Scraped. *A-Group. ACS CVIII, No. 3; Mission No. 232.*

**No. 14: large jar** (Fig. 4), MLP-Ar-70177 {59/1994}

uncoated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	1-2
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Complete section; incomplete rim and body, mended. Ovoid body (*Type Group: AIG1 var.\**); restricted vessel with a simple contour 7; modelled, everted rim, round exterior with an angular transition between the basal part of the lip and the vessel exterior, and dimpled base. Rd: 12 cm; Md: 26.5 cm; Wd: 0.6 cm; H<sub>1</sub>: 34.5 cm; H<sub>2</sub>: 17.5 cm. VI: 77. Surface colour: 7.5YR 6/4 light brown (outside); 10YR 5/2 greyish brown (inside). Break: black. Finger-prints outside and inside; burnish marks inside. Scraped. *A-Group. ACS XCII, No. 1; Mission No. 219.*

**1.3. Red-coated, unpolished ware (Ware Group: H1.11)****No. 15: cup** (Fig. 4), MLP-Ar-70165 {10/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	medium	1-2
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Complete. Nearly oval body (*Type Group: AIA17*); restricted shape 7; direct rim, irregular shape, and rounded base. Rd: 4.7-5.2 cm; Md: 6.7-7.2 cm; Wd: 0.4 cm; H<sub>1</sub>: 7.2-8 cm; H<sub>2</sub>: 4 cm. VI: 90. Surface colour: 7.5YR 6/4 light brown; coating over some parts of the exterior surface (10R 6/6 light red). Break: black. Dung-tempered. Some scraping marks outside; burnish marks beneath the rim inside; a thumb marks outside, on the base, and inside; black-spotted. Smoothed. *A-Group. ACS LXXX, No. 13; Mission No. 158.*

**No. 16: cup** (Fig. 4), MLP-Ar-70130 {03/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	1-2
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Complete section; incomplete rim. Oval body (*Type Group: AIA35\**); restricted shape 2, broad variant; direct rim, rounded shape, and flattened base. Rd: 7.6-8.2 cm; Md: 8.8-9 cm; Bd: 2.5 cm; Wd: 0.5 cm; H<sub>1</sub>: 10.5 cm; H<sub>2</sub>: 6.5 cm. VI: 86. Surface colour: 7.5YR 5/4 brown; coating: 10R 5/6 red. Break: black. Dung tempered. Black-spotted; marks of a smoothing tool; a thumb mark outside; a finger print inside. Smoothed. *A-Group. ACS LXXXIII, No. 3; Mission No. 164.*

**No. 17: deep bowl** (Fig. 4), MLP-Ar-70152 {28/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	1-2
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Complete. Rounded body (*Type Group: AIA6*); unrestricted shape 6; direct rim, rounded shape with an angular transition between the rim top and the exterior surface, and rounded base. Rd: 20 cm; Wd: 0.7 cm; H<sub>1</sub>: 13.5-14 cm. VI: 143. Surface colour: 5YR 6/3 light reddish brown; coating: 10R 6/4 pale red, outside and inside, except on the base. Break: black. Marks of a

smoothing tool inside; black-spotted; finger prints outside on the base. Smoothed. *A-Group*. *ACS LXXXVIII, No. 1; Mission No. 198*.

**No. 18: large simple jar** (Fig. 4), MLP-Ar-70178 {60/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	1-2
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Complete section; incomplete rim and body. Pointed lower body (*Type Group*: A1e3); restricted shape 4; direct rim, rounded shape, and rounded base. Rd: 10.5 cm; Md: 24 cm; Wd: 0.8 cm; H<sub>1</sub>: 33 cm; H<sub>2</sub>: 18 cm. VI: 73. Surface colour: 7.5YR 5.4 brown; coating: 2.5YR 5/4 reddish brown. Break: black. Black-spotted; uncoated near the base; burnish marks beneath the rim; a thumb-mark near the base (outside); finger-prints near the base (inside). Smoothed. *A-Group*. *ACS CXII; Mission No. 250*.

**2. Brown burnished wares (Ware Group: H2)**

**2.1. Uncoated, plain, burnished brown ware (Ware Group: H2.01)**

**2.1.1. Variant: brown both surfaces and black-topped (Ware Group: H2.01a)**

**No. 19: cup** (Fig. 4), MLP-Ar-70129 {52/1994}

uncoated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete. Pointed lower body (*Type Group*: A1a33\*); restricted shape 4; direct rim, rounded shape, and pointed base. Rd: 5.2-5.5 cm; Md: 10 cm; Wd: 0.55 cm; H<sub>1</sub>: 12.7 cm; H<sub>2</sub>: 7 cm. VI: 79. Surface colour: 7.5YR 6/4 light brown. Break: black. Dung tempered; some limestone particles on the surface. Black-spotted on the base; a thumb-mark near the base (outside); conspicuous burnish marks. Burnished, low lustre. *A-Group*. *ACS LXXIII, No. 5; Mission No. 152*.

**No. 20: deep bowl** (Fig. 4), MLP-Ar-70120 {55/1994}

uncoated	Nile C (=Nordström II E)	Ha <sub>1</sub>	low	2
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Complete section; incomplete rim. Pointed lower body (*Type Group*: A1a16 var.\*); restricted shape 4; direct rim, irregular shape, and pointed base. Rd: 9-9.5 cm; Md: 11 cm; Wd: 0.65 cm; H<sub>1</sub>: 13.8-14.5 cm; H<sub>2</sub>: 10.5 cm. IV: 76. Surface colour: 7.5YR 6/4 light brown. Black core; thin oxidation zones at both surfaces. Chaff tempered. Texture compacted with a hard polishing tool; black-spotted; uneven near the base; burnish marks inside; a thumb-mark on the base (outside). Burnished, low lustre. *A-Group*. *ACS CXIII, No. 2; Mission No. 254*.

**2.1.2. Variant: "egg-shell" ware (Ware Group: H2.01b)**

**No. 21: dish** (Fig. 4), MLP-Ar-70225 {73 and 65/1994}

uncoated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Incomplete shape (no base preserved); fragmentary, mended. Rounded body (*Type Group*: A11b4\*); unrestricted shape 20; direct rim, rounded shape, and [rounded base]. Rd: 26 cm; Wd: 0.3 cm; H<sub>1</sub>: 5.5 + x cm. Surface colour: 7.5YR 6/4 light brown. Black core; thin oxidation zones at both surfaces. Dung tempered. Compacted texture. Painted decoration (10R 3/6 red), plain outside and a rim band and a "feather" pattern design (structure F) inside. Burnished, medium lustre. *Late A-Group*. [ACS].

**2.1.3. Variant: brown surfaces and fabric Nordström I D (Ware Group: H2.01e)****No. 22: medium-sized jar** (Fig. 4), MLP-Ar-70121 {43/1994}

uncoated	Nile D, "Nile B <sub>1</sub> type" (=Nordström I D)	Ha <sub>1</sub>	low	1
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Complete section; incomplete base and body. Oval body (Type Group: A1e7); restricted shape between 7 and 9; direct rim, rounded shape, and rounded base. Rd: 10.5 cm; Md: 18 cm; Wd: 0.65 cm; H<sub>1</sub>: 19.5 cm; H<sub>2</sub>: 11.5 cm. VI: 92. Surface colour: 7.5YR 6/4 light brown. Break: black. Limestone and sand tempered. Black-spotted; compacted with a hard polishing tool; conspicuous burnish marks. Burnished, low lustre. *A-Group. ACS XCIV, No. 3; Mission No. 212.*

**2.2. Red-coated wares (Ware Group: H2.1)****2.2.1. Plan, red-burnished ware (Ware Group: H2.11)****No. 23: cup** (Fig. 4), MLP-Ar-70145 {18/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	high	2
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Complete; mended. Rounded body (Type Group: AIIIa13); unrestricted shape 13; direct rim, rounded shape, and flattened base. Rd: 12 cm; Bd: 4 cm; Wd: 0.5 cm; H<sub>1</sub>: 6-6.5 cm. VI: 185. Surface colour: 5YR 6/4 light reddish brown; irregular coating: 10R 5/6 red. Dung tempered. Conspicuous burnish marks outside and inside; black spotted. Burnished outside and inside, medium lustre. *Late A-Group. ACS LXXXV, Object No. "divers".*

**No. 24: cup** (Fig. 4), MLP-Ar-70124 {46/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section; incomplete rim. Rounded body (Type Group: AIIIa21); restricted shape 16; direct rim, rounded shape, and flattened base. Rd: 10.5 cm; Md: 12 cm; Wd: 0.5 cm; H<sub>1</sub>: 10.3 cm; H<sub>2</sub>: 7 cm. VI: 117. Surface colour: 5YR 6/3 light reddish brown; irregular coating: 10R 4/6 red. Mica and some limestone particles. Break: black. Black-spotted; burnish marks outside and inside. Decoration: a red-coated rim zone inside, as a continuation of the exterior coating. Burnished outside (medium lustre) and inside (low lustre). *Late A-Group. ACSLXXVII, No. 9; Mission No. 150.*

**No. 25: bowl** (Fig. 4), MLP-Ar-70149 {57/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section, incomplete rim, mended. Nearly hemispheric body (Type Group: AIIIa1); unrestricted shape 5; direct rim, rounded shape, and rounded base. Rd: 15 cm; Wd: 0.5 cm; H<sub>1</sub>: 13 cm; H<sub>2</sub>: 10 cm. VI: 115. Surface colour: 7.5YR 6/4 light brown; coating: 10R 6/6 light red. Break: black. Dung-tempered, with significant amount of straw. Burnish marks on the upper part of the vessel; a thumb-mark near the base (exterior); a finger-print near the base (interior). Burnished outside, medium lustre; smoothed inside. *Late A-Group. ACS XLIV; Mission No. 104.*

**No. 26: bowl** (Fig. 4), MLP-Ar-70122 {64/1994}

coated	Nile D, "Nile B <sub>1</sub> type" (=Nordström I D)	Ha <sub>1</sub>	low	2
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Complete; mended. Rounded body (Type Group: AIIIa4); unrestricted shape 7; direct rim, rounded shape, and flattened base. Rd: 10.5 cm; Bd: 4 cm; Wd: 0.35 cm; H<sub>1</sub>: 10 cm. VI: 105. Surface colour: 5YR 6/4 light reddish brown; irregular coating: 10R 5/8 red. Break: black. Limestone and sand tempered. Compacted texture; conspicuous burnish marks outside.

Burnished outside (medium lustre) and inside (low lustre). *Late A-Group. ACS LXXX, No. 10.*

**No. 27: bowl** (Fig. 5), MLP-Ar-70230 {90/1995}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Rim and body sherd; mended. Brown burnished ware; coated; plain, red-coated burnished ware (Ware Group: H2.11); bowl with a rounded body (Type Group: AIIIa8); unrestricted shape 9; direct rim, rounded shape, [and rounded or flattened base]. Rd: 18 cm 1/8; Wd: 0.5 cm; H<sub>1</sub>: 8.5 + x cm. Surface colour: 7.5YR 6/4 light brown; irregular coating: 10R 4/8 red. Black core; thin oxidation zones at both surfaces. Dung tempered. Conspicuous burnish marks. Burnished outside (high lustre) and inside (medium lustre). *Late A-Group. [ACS]*.

**No. 28: bowl** (Fig. 5), MLP-Ar-70119 {14/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete; mended. Rounded body (Type Group: AIIIa8); unrestricted shape 9; direct rim, rounded shape, and rounded base. Rd: 15.3 cm; Wd: 0.5 cm; H<sub>1</sub>: 6.6 cm. VI: 232. Surface colour: 7.5YR 6/4 light brown; irregular coating: 10R 4/6 red. Break: black. Dung tempered. Black-spotted, horizontal burnish marks outside and inside. Burnished outside and inside, medium lustre. *Late A-Group. ACS CV, No. 2; Mission No. 244.*

**No. 29: bowl** (Fig. 5), MLP-Ar-70142 {16/1994}

coated	Nile D, "Nile B <sub>1</sub> type" (=Nordström I D)	Ha <sub>1</sub>	medium	2
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Complete. Pointed body (Type Group: AIIIa17); restricted shape 11; direct rim, rounded shape, and slightly flattened base. Rd: 11.5 cm; Md: 12.50 cm; Bd: 2.9 cm; Wd: 0.4 cm; H<sub>1</sub>: 9.5 cm-9.8 cm; H<sub>2</sub>: 7-8 cm. VI: 128. Surface colour: 7.5R 5/4 brown; coating: 10R 5/8 red. Limestone and sand tempered. Burnish marks, horizontal inside and oblique outside; a thumb mark on the base, outside. Burnished outside and inside, medium lustre. Black topped. *Late A-Group. ACS LXXXV B, No. 1; Mission No. 196.*

**No. 30: shallow bowl** (Fig. 5), MLP-Ar-70228 {78/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Nearly complete section (the central part of the base is lacking); fragmentary. Rounded body (Type Group: AIIIb2); unrestricted shape 16; direct rim, rounded shape, [and rounded or flattened base]. Rd: 17 cm; Wd: 0.4 cm; H<sub>1</sub>: 7.8 cm. VI: 218. Surface colour: 7.5YR 6/4 light brown; irregular coating (10R 4/6 red) in two parts. Black core; thin oxidation zones at both surfaces. Conspicuous horizontal burnish marks outside and inside. Burnished outside and inside; medium to high lustre. *Late A-Group. AA XXIX.*

**No. 31: large shallow bowl** (Fig. 5), MLP-Ar-70126 {30/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete. Rounded body (Type Group: AIIIb2); unrestricted shape 16; direct rim, rounded shape with an angular transition between the rim top and the exterior surface, and flattened base. Rd: 21 cm; Wd: 0.5 cm; H<sub>1</sub>: 7.5-8 cm. VI: 263. Surface colour: 5YR 5/4 reddish brown; irregular coating: 10R 5/4 weak red. Break: black. Dung-tempered. Black-spotted; horizontal burnish marks outside and inside. Burnished outside and inside, medium lustre. *Late A-Group. ACS XLI A; No. 14; Mission No. 84.*

**No. 32: dish** (Fig. 5), MLP-Ar-70100 {77/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete; mended. Rounded body (Type Group: AIIIc1); unrestricted shape 18; direct rim, rounded shape, and rounded base. Rd: 28.8 cm; Wd: 0.75 cm; H<sub>1</sub>: 8-8.5 cm. VI: 339. Surface colour: 7.5YR 5/4 light brown; irregular coating: 10R 4/8 red. Break: black. Dung-tempered. Conspicuous vertical burnish marks, horizontal beneath the rim. Burnished outside (high lustre) and inside (medium lustre). *Late A-Group*. [ACS].

**2.2.2. Ripple, red ware (Ware Group: H2.12)****No. 33: deep bowl** (Fig. 5), MLP-Ar-70169 {33/1994}

coated	Nile D, "Nile B <sub>1</sub> type" (=Nordström I D)	Ha <sub>1</sub>	low	2
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Complete section; fragmentary; mended. Pointed lower body (Type Group: AIVa4\*); restricted shape 4; direct rim, rounded shape, and pointed base. Rd: 12 cm; Md: 16.5 cm; Wd: 0.9 cm; H<sub>1</sub>: 19.5 cm; H<sub>2</sub>: 11.5 cm. VI: 85. Surface colour: 7.5YR 6/4 light brown; coating: 10R 5/8 red. Break: black. Limestone (particles until 1 mm) and sand tempered. Compacted and smoothed texture on both surfaces; black-spotted; burnish marks beneath the rim; a thumb impression on the base, outside. Burnished inside (low to medium lustre). *A-Group*. ACS LXX, No. 2; Mission No. 154.

**No. 34: shallow bowl** (Fig. 5), MLP-Ar-70210 {71/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section; incomplete rim; mended. Rounded body (Type Group: AIVa5\*); unrestricted shape 18; direct rim, rounded shape, and flattened base. Rd: 17 cm; Wd: 0.4 cm; H<sub>1</sub>: 6.5 cm. VI: 262. Surface colour: 7.5YR 6/4 light brown; coating: 10R 4/6 red.). Break: black. Dung tempered. Burnish marks. Vertically rippled outside; burnished inside, medium lustre. *Classic and Late A-Group*. AA XXX.

**2.2.3. Plain, red-burnished ware, uncompacted interior (Ware Group: H2.13)****No. 35: bowl** (Fig. 5), MLP-Ar-70155 {48/1994}

coated	Nile B <sub>1</sub> sandy (=Nordström II B)	Ha <sub>1</sub>	low	1
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Complete section; incomplete rim. Pointed body (Type Group: AIIIa24); restricted shape 19; direct rim, rounded shape, and dimpled base. Rd: 13.5-14 cm; Md: 14.8 cm; Bd: 3 cm; Wd: 0.5 cm; H<sub>1</sub>: 9-9.5 cm; H<sub>2</sub>: 7 cm. VI: 156. Surface colour: 7.5YR 5/4 brown; coating: 10R 5/6 red. Black core; a thin oxidation zones at both surfaces. Dung-tempered. Black-spotted; a finger-print near the base (exterior). Burnished exterior (low lustre); smoothed interior. *Late A-Group*. ACS XCI, No. 1; Mission No. 209.

**3. Brown-and-black, burnished wares (Ware Group: H4)****3.1. Plain, burnished, brown-and-black ware (Ware Group: H4.01)****3.1.1. Variant: "egg-shell" ware and black-mouthed (Ware Group: H4.01b)****No. 36: bowl** (Fig. 5), MLP-Ar-70226 {38/1994}

uncoated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	medium	2
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Fragmentary; incomplete rim and body; base not preserved; mended. Rounded body (Type Group: AIIIa11\*); unrestricted shape 7; direct rim, rounded shape, and possible dimpled or

flattened base. Rd: 18 cm 1/2; Wd: 0.45 cm; H<sub>1</sub>: 12.2 cm + x cm. Surface colour: 5YR 6/4 light reddish brown. Black core; a thin oxidation zone at the exterior surface. Vertical burnish marks, horizontal beneath the rim (outside); conspicuous burnish marks (inside). Painted decoration (2.5YR 5/6 red), full painted on the base, and an inverted-triangle pattern on the upper part of the body, filled with parallel lines (Group 2, pattern 11, but painted). Burnished outside (low lustre); black burnished inside (medium lustre). *Late A-Group. AA XXVIII.*

**No. 37: bowl** (Fig. 5), MLP-Ar-70229 {90/1995}

uncoated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Rim and body sherd. Pointed body (*Type Group: AVIIIa13\**); unrestricted shape; direct rim, rounded shape. Rd: 22 cm 1/8; Wd: 0.38 cm; H<sub>1</sub>: 5.6 + x cm. Surface colour: 7.5YR 6/4 light brown. Black core; a thin oxidation zone at the exterior surface. Dung-tempered. Conspicuous horizontal burnish marks inside. Painted decoration (10R 3/6 red): a basket-work pattern (Group 3, pattern 7, but painted). Burnished outside and black burnished inside; high lustre. *Late A-Group. [AA].*

**No. 38: deep bowl** (Fig. 5), MLP-Ar-70227 {36/1994}

uncoated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section; incomplete rim, base and body; mended. Pointed body (*Type Group: AVIIIa14\**); unrestricted shape 3; direct rim, rounded shape, and dimpled base. Rd: 16.5 cm 3/4; Bd: 3.2 cm 1/2; Wd: 0.4 cm; H<sub>1</sub>: 16.5 cm; VI: 100. Surface colour: 7.5YR 6/4 light brown. Black core; thin oxidation zone at exterior surface. Dung-tempered. Horizontal burnish marks outside and inside. Painted decoration (10R 4/8 red) of a complex design, which combines criss-cross lines and inverted triangles, filled with red paint (patterns 4 and 9 of Group 4), and a herring-bone design (pattern 6 of Group 2 but painted). Burnished outside (high lustre); black burnished inside (medium lustre). *Late A-Group. ACS LVII, No. 9.*

**No. 39: deep bowl** (Fig. 6), MLP-Ar-70138 {40/1994}

uncoated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section; incomplete rim and body. Pointed body (*Type Group: AVIIIa12\**); unrestricted shape 3; direct rim, rounded shape, and dimpled base. Rd: 17.5 cm; Bd: 3 cm; Wd: 0.4 cm; H<sub>1</sub>: 18 cm. VI: 97. Surface colour: 7.5YR 6/4 light brown. Break: black. Dung-tempered. Compacted texture; some areas greyish-black, especially beneath the rim; horizontal burnish marks. Painted decoration (2.5YR 4/2 weak red): six horizontal bands (3 cm wide) with a herring-bone pattern (Group 2, pattern 6, but painted), separated by a plain red band (3 mm wide). Burnished outside and black burnished inside, low lustre. *Late A-Group. ACS XX; Mission No. 41.*

**No. 40: deep bowl** (Fig. 6), MLP-Ar-70173 {37/1994}

uncoated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	medium	2
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Complete section; incomplete rim, base and part of the body; mended. Pointed body (*Type Group: AVIIIa15\**); restricted shape 11; direct rim, rounded shape, and dimpled base. Rd: 19 cm 3/4; Md: 19.5 cm; Bd: 2.2 cm; Wd: 0.4 cm, H<sub>1</sub>: 13.5 cm; H<sub>2</sub>: 10.5 cm. VI: 144. Surface colour: 5YR 7/4 pink. Break: black. Dung-tempered. Horizontal burnish marks inside. Painted decoration (10R 4/6 red); full painted on the lower part and a basket-work pattern (Group 4, pattern 5), but only on the upper part. Burnished outside (high lustre); black burnished inside (lustre medium). *Late A-Group. ACS LVII, No. 6.*

**3.2. Coated; plain, burnished, red-and-black ware (Ware Group: H4.11)****3.2.1. Variant: thin-walled and black-mouthed (Ware Group: H4.11a)****No. 41: cup** (Fig. 6), MLP-Ar-70134 {04/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	medium	2
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Complete section; incomplete rim. Oval body (*Type Group: AIXa30\**); restricted shape 2, broad variant; direct rim, rounded shape, and dimpled base. Rd: 9 cm; Md: 9.5 cm; Bd: 2 cm; Wd: 0.2 cm; H<sub>1</sub>: 11 cm; H<sub>2</sub>: 7 cm. VI: 86. Surface colour: 5YR 6/3 light reddish brown; coating: 10R 4/3 weak red. Break: black. Dung-tempered. Horizontal burnish marks after decoration. Painted decoration (2.5YR 4/2 weak red): criss-cross lines (Group 4, pattern 4), not well preserved. Burnished outside (high lustre); black burnished inside (medium lustre). *Late A-Group. ACS CX, No. 2; Mission No. 235.*

**No. 42: cup** (Fig. 6), MLP-Ar-70132 {45/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section; incomplete rim and body, mended. Rounded body (*Type Group: AIXa19*); restricted shape 10; direct rim, rounded shape, and rounded base. Rd: 7.5 cm; Md: 9 cm; Wd: 0.35 cm; H<sub>1</sub>: 8.5 cm; H<sub>2</sub>: 5 cm. VI: 106. Surface colour: 5YR 6/3 light reddish brown; coating: 10R 6/6 light red. Break: black. Dung-tempered. Black-spotted; conspicuous faint burnish marks outside and inside; small areas of greyish-black beneath the rim. Burnished outside and black burnished inside; medium lustre. *Classic and Late A-Group. ACS IX; Mission No. 16.*

**No. 43: cup** (Fig. 6), MLP-Ar-70150 {047/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section; incomplete base; mended. Rounded body (*Type Group: AIXa25*); restricted shape 16; direct rim, rounded shape, and rounded base. Rd: 16-16.5 cm; Md: 17.2 cm; Wd: 0.45 cm; H<sub>1</sub>: 13.5 cm; H<sub>2</sub>: 9.5 cm. VI: 127. Surface colour: 5YR 5/3 reddish brown; coating: 10R 4/4 weak red. Break: black. Dung tempered. Compacted texture; horizontal burnish marks. Burnished outside (medium lustre); black burnished inside (low lustre). *Classic and Late A-Group. ACS CVIII, No. 2.*

**No. 44: bowl** (Fig. 6), MLP-Ar-70168 {15/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section; mended. Slightly pointed body (*Type Group: AIXa7*); unrestricted shape 8; direct rim, rounded shape, and rounded base. Rd: 17.5-18 cm; Wd: 0.4 cm; H<sub>1</sub>: 7.7-8 cm. VI: 225. Surface colour: 7.5R 6/4 light brown; coating: 10R 4/8 red. Break: black. Dung tempered. Texture compacted and tactually smoothed; burnish marks outside and inside. Burnished outside (medium lustre); black burnished inside (high lustre). *Classic and Late A-Group. ACS LXXXV B, No. 3; Mission No. 188.*

**No. 45: bowl** (Fig. 6), MLP-Ar-70144 {39/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section; incomplete rim and body; mended. Slightly pointed lower body (*Type Group: AIXa31\**); restricted shape 11; direct rim, rounded shape, and rounded base. Rd: 12.5 cm; Md: 13 cm; Wd: 0.5 cm; H<sub>1</sub>: 10 cm; H<sub>2</sub>: 7.5 cm. VI: 130. Surface colour: 5YR 6/3 light reddish red; coating: 10R 4/8 red. Break: black. Dung-tempered. Vertical and horizontal

burnish marks outside; horizontal conspicuous burnish marks inside. Burnished outside (high lustre); black burnished inside (medium lustre). *Late A-Group*. [ACS].

**No. 46: large shallow bowl** (Fig. 6), MLP-Ar-70154 {79/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section; incomplete rim; mended. Rounded body (Type Group: AIXb2); unrestricted shape 16; direct rim, rounded shape, and rounded base. Rd: 21.3 cm; Wd: 0.4 cm; H<sub>1</sub>: 9 cm. VI: 237. Surface colour: 7.5YR 6/4 light brown; coating: 10R 4/8 red. Break: black. Dung-tempered. Conspicuous burnish marks; a thumb-mark beneath the rim (interior). Burnished outside (high lustre); black burnished inside. *Late A-Group*. ACS LXXX, No. [18].

**No. 47: large bowl** (Fig. 6), MLP-Ar-70174 {22/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section; incomplete rim; mended. Slightly pointed body (Type Group: AIXd1); unrestricted shape 8; direct rim, rounded shape, and rounded base with a slight knob. Rd: 21.2-21.5 cm; Wd: 0.35 cm; H<sub>1</sub>: 11.3 cm. VI: 190. Surface colour: 5YR 6/3 light reddish brown; coating: 10R 4/6 red. Break: black. Dung-tempered. Compacted and tactually smoothed texture; conspicuous burnish marks. Burnished exterior and black burnished interior; high lustre. *Late A-Group*. ACS XCIII.

**No. 48: large bowl** (Fig. 6), MLP-Ar-70146 {41/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section. Pointed body (Type Group: AIXd2); unrestricted shape 8; direct rim, rounded shape, and dimpled base. Rd: 22.5 cm; Bd: 2.5 cm; Wd: 0.4 cm; H<sub>1</sub>: 11.5 cm. VI: 192. Surface colour: 7.5YR 6/4 light brown; coating: 10R 4/6 red. Black core. Dung tempered. Burnish marks vertical near the base, horizontal beneath the rim, but not conspicuous. Burnished outside and black burnished inside; medium lustre. *Classic and Late A-Group*. ACS IX, No. 5.

### 3.2.2. Variant: black-topped (Ware Group: H4.11b)

**No. 49: shallow bowl** (Fig. 6), MLP-Ar-70148 {42/1994}

coated	Nile D, "Nile B <sub>1</sub> type" (=Nordström I D)	Ha <sub>1</sub>	low	2
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Complete section; incomplete rim and body; mended. Rounded body (Type Group: AIXb2); unrestricted shape 16; direct rim, rounded shape, and rounded base. Rd: 24.5 cm; Wd: 0.4 cm; H<sub>1</sub>: 12-12.5 cm. VI: 196. Surface colour: 7.5R 6/4 light brown; coating: 10R 4/6 red. Black core; a thin oxidation zone at the exterior surface. Limestone (particles till 3 mm) and organic tempered. Compacted texture; black-spotted; conspicuous horizontal burnish marks outside and inside. Burnished outside and black burnished inside; high lustre. *A-Group*. [ACS], XXI; Mission Nr. 48.

### 3.3. Rippled, red-and-black ware (Ware Group: H4.12)

#### 3.3.1 Variant: black-mouthed (Ware Group: H4.12a)

**No. 50: bowl** (Fig. 7), MLP-Ar-70118 {20/1994}

coated	Nordström II A	Ha <sub>1</sub>	low	2
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Complete section. Nearly hemispheric body (Type Group: AXa22\*); unrestricted shape 5; direct rim, rounded shape, and rounded base. Rd: 14.5 cm; Wd: 0.55 cm; H<sub>1</sub>: 11.5 cm. VI: 126.



Surface colour: 7.5YR 6/4 light brown; coating: 10R 3/6 dark red. Firing index: reducing atmosphere. Ash tempered. Compacted texture; horizontal burnish marks inside. Vertically rippled outside; black burnished inside (low lustre). *Classic A-Group. ACS XXXV, No. 6; Mission No. 70.*

**No. 51: bowl** (Fig. 7), MLP-Ar-70137 {34/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete. Pointed body (*Type Group: AXa21\**); unrestricted shape 10; direct rim, rounded shape with a distinct angular transition, and dimpled base. Rd: 18 cm; Bd: 2 cm; Wd: 0.6 cm; H<sub>1</sub>: 13 cm. VI: 138. Surface colour: 7.5YR 6/4 light brown; coating: 2.5YR 5/8 red in some parts. Break: black. Dung tempered. Burnish marks inside; a thumb-mark on the base, outside. Decoration on the rim top (milled rim): an impressed zigzag pattern (T1) blackened in some parts. Vertically rippled outside; black burnished inside, low lustre. *Late A-Group. ACS CXXI, No. 1.*

**No. 52: bowl** (Fig. 7), MLP-Ar-70160 {12/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section. Pointed body (*Type Group: AXa2*); unrestricted shape 6; direct rim, rounded shape with a distinct angular transition between the rim top and the exterior and interior, and rounded, slightly pointed base. Rd: 17.5 cm; Wd: 0.6 cm; H<sub>1</sub>: 17 cm. VI: 103. Surface colour: 5YR 6/4 light reddish brown; coating: 10R 4/6 red. Break: black. Dung tempered. Horizontal burnish marks horizontal. Decoration on the rim top (milled rim): an impressed pattern of oblique, parallel, closed lines (T5). Vertically rippled outside; black burnished inside. *Classic A-Group. ACS XLI, No. 5; Mission No. 168.*

**No. 53: bowl** (Fig. 7), MLP-Ar-70161 {19/1994}

coated	Nordström II A	Ha <sub>1</sub>	low	2
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Complete section; incomplete. Pointed lower body (*Type Group: AXa11*); restricted shape 4; direct rim, rounded shape, and pointed base. Rd: 15.5 cm; Md: 18 cm; Wd: 0.5 cm; H<sub>1</sub>: 20 cm; H<sub>2</sub>: 14.5 cm. VI: 90. Surface colour: 7.5YR 6/3 light brown; coating: 10R 5/6 red. Break: black. Ash tempered. Decoration on the rim top (milled rim): an impressed pattern of oblique, parallel, closed lines (T5). Vertically rippled outside; black burnished inside. *Classic A-Group. ACS LXXXV B, No. 3; Mission No. 184.*

**No. 54: shallow bowl** (Fig. 7), MLP-Ar-70127 {35/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section; incomplete rim; mended. Rounded body (*Type Group: AXb1var.\**); unrestricted shape 16; direct rim, rounded rim with a distinct angular transition between the rim top and the exterior and interior, and a knob-shaped base. Rd: 18.8 cm; Wd: 0.45 cm; H<sub>1</sub>: 9 cm. VI: 209. Surface colour: 5YR 7/3 pink; coating: 10R 5/8 red. Break: black. Dung tempered. Compacted texture; conspicuous burnish marks inside. Decoration on the rim top (milled rim): an impressed zigzag pattern (T1). Vertically rippled outside; black burnished inside (medium lustre). *Classic A-Group. [ACS].*

**3.3.2. Variant: black-topped (Ware Group: H4.12b)**

**No. 55: large simple jar** (Fig. 7), MLP-Ar-70162 {63/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section; incomplete body; mended. Oval body (Type Group: AXe1); restricted shape 7; direct rim, rounded shape with a distinct angular transition between the rim top and the exterior and interior, and rounded base. Rd: 10.4 cm; Md: 21 cm; Wd: 0.6 cm; H<sub>1</sub>: 25.2 cm; H<sub>2</sub>: 14.5 cm. VI: 83. Surface colour: 7.5YR 6/4 light brown; coating: 10R 4/6 red. Break: black. Dung-tempered. A thumb mark near the base (outside); some areas of brownish black; compacted texture; conspicuous burnish marks (inside). Decoration on the rim top (milled rim): an impressed zigzag pattern (T1). Vertically rippled outside; black burnished inside (medium lustre). *Classic A-Group. ACS CXXI, No. 15.*

**No. 56: large simple jar** (Fig. 7), MLP-Ar-70136 {02/1994}

coated	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section; incomplete rim. Pointed lower body (Type Group: AXe2); restricted shape 8; direct rim, rounded shape, and rounded base. Rd: 13 cm; Md: 18.5 cm; Wd: 0.5 cm; H<sub>1</sub>: 19.5 cm; H<sub>2</sub>: 14 cm. VI: 95. Surface colour: 7.5YR 6/4 light brown; coating: 10R 5/8 red. Break: black. Dung tempered. Some areas of greyish-black, black-spotted, texture smoothed and compacted; burnished beneath the rim; black-topped. Rippled exterior; black burnished interior (low lustre). *Classic A-Group. ACS XCIX, No. 3; Mission No. 213.*

## B. Imported Pottery

### I. Egyptian Pottery of Predynastic Tradition

(from the very beginning of the 1<sup>st</sup> Dynasty)

#### 1. Chaff-tempered coarse ware ("rough ware")

**No. 57: large jar** (Fig. 7), MLP-Ar-70170 {56/1994}

uncoated	Nile C	Ha <sub>1</sub>	low	2
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Complete section; incomplete body; mended; deformed rim. Very short neck and ovoid body, broad type; restricted, necked vessel with an inflected contour; modelled, everted rim, exterior lip with an angular transition at the thickest part of the rim, and flattened base. Rd: 9-10.8 cm; Md: 27.5 cm; Bd: 8 cm; Wd: 1.4 cm; H<sub>1</sub>: 30.5-32 cm; H<sub>2</sub>: 18 cm. VI: 86. Surface colour: 5YR 6/4 light reddish brown. Break: black. Chaff-tempered. Black-spotted; a thumb-mark on the base (outside); finger-prints below the rim; coils preserved on the interior. Smoothed. *ACS LXXXV, No. 4; Mission No. 176.*

#### 2. Hand-made, hard, pink wares (Ware Group: D1)

##### 2.1. Uncoated; light-red or grey, no burnished ware (Ware Group: D1.01)

##### 2.1.1. Variant: light-red, exterior and interior surfaces (Ware Group: D1.01a)

**No. 58: medium-sized, deep bowl** (Fig. 7), MLP-Ar-70133 {32/1994}

uncoated	Marl A <sub>1</sub> (=Nordström IV A)	Ha <sub>1</sub>	high	3
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Complete; mended. Deep bowl (Type Group: AXIm1); restricted shape 19; direct rim, rounded shape, broad, flat base with an angular transition between the base and the lower body. Rd: 34 cm; Md: 35.8 cm; Bd: 8 cm; Wd: 0.9 cm; H<sub>1</sub>: 22.2 cm; H<sub>2</sub>: 20.5 cm. VI: 161. Surface colour: 5YR 6/4 light reddish brown. Pinkish grey core (5YR 6/6); light reddish brown (5YR 6/4) oxidation zones at exterior surface. Limestone particles. Two repair holes on the body (outside); horizontal smoothing marks, parallel to the rim, outside and inside; grey patches outside; a thumb mark on the base, outside. Smoothed outside and inside. *ACS [...].*

**No. 59: slender jar** (Fig. 8), MLP-Ar-70159 {06/1994}

uncoated	Marl A <sub>1</sub> (=Nordström IV A)	Ha <sub>2</sub>	high	3
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Complete. Pointed lower body (Type Group: AXIq3); restricted, necked vessel with a composite contour 1; modelled everted rim, exterior lip with an angular transition at the thickest part of the rim, and rounded base. Rd: 11.4 cm; Nd: 10.8 cm; Md: 18.6 cm; Wd: 1.2 cm; H<sub>1</sub>: 40.2 cm; H<sub>2</sub>: 27 cm; H<sub>3</sub>: 1.8 cm. VI: 46. Surface colour: 5YR 7/3 pink. Limestone particles. Compacted texture, tactually smoothed with an instrument, uneven on the lower part; turning marks below the rim; slightly irregular wall delineation on the lower body; finger-prints on the base and beneath the rim (inside); a thumb mark on the base, outside. Vertically smoothed with an instrument. *ACS LXXXII, No. 1; Mission No. 170.*

**No. 60: medium-broad jar** (Fig. 8), MLP-Ar-70167 {11/1994}

uncoated	Marl A <sub>1</sub> (=Nordström IV A)	Ha <sub>2</sub>	high	3
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Complete. Pointed lower body (Type Group: AXIq4); restricted, necked vessel with a composite contour 2; modelled, everted rim, exterior lip with an angular transition at the thickest part of the rim, and rounded base. Rd: 16.8 cm; Nd: 14.1 cm; Md: 32 cm; Wd: 0.9 cm; H<sub>1</sub>: 51 cm; H<sub>2</sub>: 31.5 cm; H<sub>3</sub>: 1.1 cm. VI: 63. Surface colour: 10YR 7/3 (very pale brown)-7/2 (light grey). Limestone particles. Turning marks below the rim; finger-prints on the base and beneath the rim (inside); vertical scraping marks, uneven on the lower part. A potmark on the body, an incised sandal-print. Smoothed. *ACS LXXX.*

**No. 61: medium-broad jar** (Fig. 8), MLP-Ar-70166 {05/1994}

uncoated	Marl A <sub>1</sub> (=Nordström IV A)	Ha <sub>2</sub>	high	3
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Complete. Pointed lower body (Type Group: AXIq4); restricted, necked vessel with a composite contour 2; modelled, everted rim, exterior lip with an angular transition at the thickest part of the rim, and rounded base. Rd: 14 cm; Nd: 13 cm; Md: 29 cm; Wd: 1.2 cm; H<sub>1</sub>: 48 cm; H<sub>2</sub>: 31 cm; H<sub>3</sub>: 1.8 cm. VI: 60. Surface colour: 10YR 7/3 very pale brown; remains of a coating (2.5YR 6/6 red) on the shoulder. Limestone particles. Turning marks below the rim; finger-prints on the base and beneath the rim (inside) and a thumb mark on the base (outside); vertical scraping marks. An incised potmark on the body. Vertically smoothed with an instrument. *ACS CIX, No. 1.*

**No. 62: medium-broad jar** (Fig. 8), MLP-Ar-70176 {044/1994}

uncoated	Marl A <sub>1</sub> (=Nordström IV A)	Ha <sub>2</sub>	high	3
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Incomplete wall. Pointed lower body (Type Group: AXIq5); restricted, necked vessel with a composite contour 4; modelled, everted rim, exterior lip with an angular transition at the thickest part of the rim, and rounded base. Rd: 10.8 cm; Nd: 9 cm; Md: 35 cm; Wd: 0.9 cm; H<sub>1</sub>: 53.5 cm; H<sub>2</sub>: 34 cm; H<sub>3</sub>: 3 cm. VI: 65. Surface colour: 5YR 7/3 pink. 5Y 6/2 light olive grey core; 5YR 7/3 pink oxidation zones. Limestone particles. Made in parts; vertical scraping marks; horizontal burnish striations on the shoulder; a thumb-mark near the base, inside. Decoration: an incised potmark, and painted wave-lines (5YR 5/6 yellowish red) on the shoulder. Vertically scraped. *ACS CXXII, No. 2; Mission No. 273.*

**No. 63: broad jar** (Fig. 8), MLP-Ar-70080 {25/1994}

uncoated	Marl A <sub>1</sub> (=Nordström IV A)	Ha <sub>2</sub>	high	3
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Complete. Pointed lower body (Type Group: AXIq7); restricted, necked vessel with a composite contour 4; modelled, everted rim, exterior lip with an angular transition at the thickest part pf

the rim, and rounded base. Rd: 21 cm; Nd: 19.8 cm; Md: 43 cm; Wd: 1.5 cm; H<sub>1</sub>: 59 cm; H<sub>2</sub>: 38 cm; H<sub>3</sub>: 1.8 cm. IV: 73. Surface colour: 7.5YR 7/2 pinkish grey. Limestone particles. Uneven wall configuration on the lower part of the body; turning marks beneath the rim; finger-prints on the base and beneath the rim (inside); horizontal scraping marks, oblique on the shoulder, lower part uneven. Decoration: an incised geometric potmark on the lip and a panther \*, and red-painted wavy-lines (10R 3/6 dark red) on the shoulder. Smoothed. *ACS IX, No. 2; Mission No. 23.*

## 2.2. Uncoated; light red, hard ware with burnished exterior (Ware Group: D1.02)

**No. 64: bottle** (Fig. 8), MLP-Ar-70125 {49/1994}

uncoated	Marl A <sub>1</sub> (=Nordström IV A)	Ha <sub>2</sub>	high	3
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Complete. High shoulder and short neck (*Type Group: AXIn1 var.\**); restricted, necked vessel with an inflected contour 7; modelled, everted rim, rounded exterior lip with an angular transition between the basal part of the lip and the vessel exterior, and round base. Rd: 3.5-4 cm; Md: 10.3 cm; Wd: 0.7 cm; H<sub>1</sub>: 11.2 cm; H<sub>2</sub>: 5 cm. VI: 92. Surface colour: 5YR 7/4 pink. Limestone particles. Turning marks on the neck; burnish marks on all the body, outside. Burnished, low lustre. *ACS XXVI; Mission No. 52.*

## 2.3. Uncoated; buff or light red, hard, burnished ware (Ware Group: D1.03)

**No. 65: medium-sized bowl** (Fig. 8), MLP-Ar-70117 {31/1994}

uncoated	Marl A <sub>1</sub> (=Nordström IV A)	Ha <sub>1</sub>	high	3
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Complete, mended. Slightly constricted orifice (*Type Group: AXIIm6*); restricted shape 19; direct rim, rounded shape, and broad, flat base with an angular transition between the base and the lower body. Rd: 23-25.5 cm; Md: 28 cm; Bd: 8.3 cm; Wd: 1 cm; H<sub>1</sub>: 15-16.5 cm; H<sub>2</sub>: 14 cm. VI: 170. Surface colour: 2.5YR 6/6 light red. Limestone particles. Distinct burnish marks running radial from the rim towards the base, inside, and horizontal outside. An incised potmark near the base. Burnished outside and inside, low lustre. *ACS IX, No. 5 B; Mission No. 20.*

## 2.4. Hard, red-coated, burnished ware (Ware Group: D1.12)

**No. 66: medium-broad jar** (Fig. 8), MLP-Ar-70175 {23/1994}

coated	Marl A <sub>1</sub> (=Nordström IV A)	Ha <sub>2</sub>	high	3
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Incomplete shoulder. Relatively broad and rounded lower body (*Type Group: AXIq6*); restricted, necked vessel with a composite contour 3; modelled, everted rim, exterior lip with an angular transition at the thickest part of the rim, and rounded base. Rd: 16.8 cm; Nd: 15.3 cm; Md: 27 cm; Wd: 1.5 cm; H<sub>1</sub>: 56 cm; H<sub>2</sub>: 39.5 cm; H<sub>3</sub>: 3.9 cm. VI: 48. Surface colour: 5YR 7/4 pink; 10R 4/1 dark reddish grey coating. Break: pink. Limestone particles. Turning marks below the rim (exterior); finger-prints on the base and beneath the rim, inside and a thumb mark outside, below the neck; irregular side wall (inside). An incised geometric potmark on the shoulder. Vertically burnished, low lustre. *ACS LXXXIV, No. 2; Mission No. 172.*

# II. Pottery from the Eastern Sahara Region

**No. 67: "Clayton ring"** (Fig. 8), MLP-Ar-70157 {75/1994}

uncoated	clay with chaff	Ha <sub>1</sub>	unbaked (sun dried)	—
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Complete; mended. Direct rim, slightly flattened shape; rounded base, flattened. Rd: 12.5 cm; Bd: 15-16 cm; Wd: 1.2 cm; H<sub>1</sub>: 8 cm. VI: 200. Surface colour: 10YR 7/2 light grey. Chaff and sand tempered. Uncompacted texture, coarse; a finger mark outside. Smoothed. *A-Group. AA II, No. 9.*

**No. 68: "Clayton ring"** (Fig. 8), MLP-Ar-70158 {06/1994}

uncoated	clay with chaff	Ha <sub>1</sub>	unbaked (sun dried)	—
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Complete section; fragmentary; mended. Direct rim, slightly flattened shape; rounded base, flattened. Rd: 13-14 cm; Bd: 15.5 cm; Wd: 1.4 cm; H<sub>1</sub>: 8-9 cm. VI: 172. Surface colour: 10YR 7/2 light grey. Chaff and sand tempered. Smoothed. *A-Group. AA II, No. [10].*

## THE C-GROUP POTTERY

### *A. Local Pottery. Hand-made Pottery of Nubian Tradition*

#### 1. Coarse or smooth, brown wares (Ware Group: H1)

##### 1.1. Uncoated; smooth brown ware; variant: both surfaces brown to dusky brown (Ware Group: H1.01a)

**No. 69: bowl** (Fig. 9), MLP-Ar-70348 {92/1995}

DC	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	1
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Body sherd. Bowl (Type Group: Clb[...]). Wd: 0.55 cm; H<sub>1</sub>: 3.3 + x cm. Surface colour: 10YR 5/2 greyish brown outside and inside. Black core; a thin oxidation zone at the exterior surface. Dung-tempered. Decoration: incised; radial design structure, pattern of parallel vertical lines. Smooth outside (low lustre); scraped inside. *C-Group. ACS [...].*

**No. 70: large bowl** (Fig. 9), MLP-Ar-70342 {82/1995}

DC	Nile B <sub>1</sub> sandy (=Nordström II B)	Ha <sub>1</sub>	low	1
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Rim sherd. Incurved side walls (Type Group: Clc4); restricted shape, and direct rim, rounded shape. Rd: 39 cm 1/32; Md: 23 + x cm; Wd: 0.7 cm; H<sub>1</sub>: 4 cm + x cm. Surface colour: 7.5YR 5-4/2 brown outside and inside. Black core; a thin oxidation zone at the exterior surface. Dung-tempered, sandy. Scraping marks inside. Decoration: incised; a pattern of horizontal herring-bone whole lines; black-topped? Smoothed outside and inside. *C-Group. ACS [...].*

**No. 71: jar** (Fig. 9), MLP-Ar-70123 {54/1994}

DC	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	1
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Complete. Rounded body (Type Group: Clc2); restricted, necked vessel with an inflected contour; modelled, everted, thickened rim, and rounded base. Rd: 8.5 cm; Nd: 7.2 cm; Md: 15 cm; Wd: 0.9 cm; H<sub>1</sub>: 16 cm; H<sub>2</sub>: 7 cm; H<sub>3</sub>: 3 cm. VI: 94. Surface colour: 7.5YR 6/2 pinkish grey. Break: black. Dung-tempered. A thumb-mark near the base, outside; conspicuous comb-marks inside. Smoothed. *C-Group. ACS [...].*

**No. 72: jar** (Fig. 9), MLP-Ar-70349 {92/1995}

DC	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	1
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Body sherd. Jar (Type Group: Clc1). Wd: 0.55 cm; H<sub>1</sub>: 2.5 + x cm. Surface colour: 10YR 5/2 greyish brown outside and inside. Black core; a thin oxidation zone at the exterior surface. Dung-tempered. Decoration: incised; two horizontal lines and a pattern of oblique parallel lines. Smoothed. *C-Group. ACS [...].*

**2. Brown, red-burnished wares (Ware Group: H2)****2.1. Coated, red-incised ware with uncompacted interior (Ware Group: H2.13)****No. 73: shallow bowl** (Fig. 9), MLP-Ar-70302 {74/1994}

RI	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete section; rim, body and base incomplete; mended. Bowl (Type Group: CVb1); unrestricted shape with a simple contour; direct rim, rounded shape, and broad flat base. Rd: 16 cm 1/2; Bd: 8 cm 1/2; Wd: 0.6 cm; H<sub>1</sub>: 4.5-4.8 cm. VI: 333. Surface colour: 5YR 6/3 light reddish brown; coated outside: 10R 4/3 weak red. Black core; a thin oxidation zone at the exterior surface. Dung-tempered. Black-spotted; comb-marks inside. Decoration: incised on the body; quadrilateral design structure; pattern of chevrons, plain and with incised parallel lines (Bietak Ib 7); incised rim-band (RB16); remains of white filling decorating the incised fields; black mouth. Burnished outside; combed inside. *C-Group (Bietak Phase Ib // late 11<sup>th</sup> and early 12<sup>th</sup> Dyn.). [...]*.

**3. Black, burnished wares (Ware Group: H3)****3.1. Uncoated; black, burnished, incised ware with uncompacted interior (Ware Group: H3.03)****No. 74: bowl** (Fig. 9), MLP-Ar-70336 {72/1994}

BI	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Rim and body fragment. Rounded body (Type Group: CIIIb1); unrestricted shape with a simple continuous contour; direct rim, rounded shape. Rd: 16 cm 1/8; Wd: 0.45 cm; H<sub>1</sub>: 4.5 + x cm. Surface colour: 10YR 3/2 very dark greyish brown. Break: black. Dung-tempered. Comb-marks inside. Decoration: incised, with traces of white filling; quadrilateral design structure; pattern of plain and incised woven bands ("Flechtmuster"; Bietak Ib 4); incised rim-band (RB16). Burnished outside (medium lustre); combed inside. *C-Group (Bietak Phase Ib // late 11<sup>th</sup> and early 12<sup>th</sup> Dyn.). ACS XXXVI.*

**No. 75: bowl** (Fig. 9), MLP-Ar-70346 {91/1995}

BI	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	1
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Body sherd. Bowl (Type Group: CIIIb[...]). Wd: 0.5 cm; H<sub>1</sub>: 3 + x cm. Surface colour: 2.5YR 4/1 dark grey. Break: black. Dung-tempered. Scraping marks inside. Decoration: incised; quadrilateral design structure; pattern of plain and incised concentric lozenges? (Bietak Ib 5). Burnished outside (low lustre); scraped on the black surface, inside. *C-Group (Bietak Phase Ib // late 11<sup>th</sup> and early 12<sup>th</sup> Dyn.). ACS [...]*.

**No. 76: bowl** (Fig. 9), MLP-Ar-70340 {91/1995}

BI	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	medium	2
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Body sherd; mended. Bowl (Type Group: CIIIb[...]). Wd: 0.5 cm; H<sub>1</sub>: 4 + x cm. Surface colour: 10YR 5/2 greyish brown outside. Greyish core, a thin oxidation zone at the exterior surface. Dung-tempered, Compacted texture. Decoration: incised; pattern of plain and incised concentric lozenges? (Bietak Ib 5). Burnished outside (low lustre); scraped on the black surface, inside. *C-Group (Bietak Phase Ib // late 11<sup>th</sup> and early 12<sup>th</sup> Dyn.). ACS XIX.*

**No. 77: bowl** (Fig. 9), MLP-Ar-70347 {66/1995}

BI	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Rim and body fragment. Bowl, unrestricted shape (Type Group: CIIIb1); direct rim, rounded shape. Rd: 16.4 cm 1/16; Wd: 0.5 cm; H<sub>1</sub>: 5.5 + x cm. Surface colour: 2.5YR 4/1-3/1 dark red-dish grey outside and inside. Break: 2.5YR 3/1 dark reddish grey. Dung-tempered. Scraping marks inside. Decoration: impressed-incised; incised zigzag band beneath the rim; burnished band between the rim and the body; incised pattern of burnished snakes on impressed hatched background (Bietak Ib 8), on the body. Burnished outside (low lustre); scraped inside. *C-Group (Bietak Phase Ib // late 11<sup>th</sup> and early 12<sup>th</sup> Dyn.). ACS [...]*.

**No. 78: bowl** (Fig. 9), MLP-Ar-70344 {67/1994}

BI	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Rim fragment. Restricted shape (Type Group: CIIIb2); direct rim, flattened shape with a distinct angular transition between the rim top and the uppermost part of the vessel. Rd: 14 cm 3/32; Wd: 0.55 cm; H<sub>1</sub>: 5 + x cm. Surface colour: 10YR 5/1 grey- 4/1 dark grey outside and inside. Break: 10YR 4/1 dark grey. Dung-tempered. Uncompacted interior; scraping marks inside. Decoration: impressed; incised pattern of burnished snakes, not preserved in the sherd, on an impressed hatched background (Bietak Ib 8) on the body; impressed band of horizontal lozenges beneath the rim. Burnished outside; scraped inside. *C-Group (Bietak Phase Ib // late 11<sup>th</sup> and early 12<sup>th</sup> Dyn.). ACS [...]*.

**No. 79: bowl** (Fig. 9), MLP-Ar-70345 {91/1995}

BI	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Body sherd. Bowl (Type Group: CIIIb[...]). Wd: 0.55 cm; H<sub>1</sub>: 3 + x cm. Surface colour: 10YR 5/1 grey outside and inside. Break: black. Dung-tempered, Scraping marks inside. Decoration: impressed hatched surface, probably as background of an incised pattern of burnished snakes (Bietak Ib 8). Burnished outside; scraped inside. *C-Group (Bietak Phase Ib // late 11<sup>th</sup> and early 12<sup>th</sup> Dyn.). ACS [...]*.

**4. Brown-and-black burnished wares (Ware Group: H4)****4.1. Coated; burnished, red-and-black ware (Ware Group: H4.11)****4.1.1. Variant: impressed decoration and black-mouthed (Ware Group: H4.11d)****No. 80: large bowl** (Fig. 10), MLP-Ar-70303 {71/1995}

BTRP	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2-3
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Incomplete section; mended; no base preserved. Pointed body (Type Group: CIVb3); unrestricted shape with a simple, discontinuous contour; direct rim, rounded shape. Rd: 22 cm 9/32; Wd: 0.45 cm; H<sub>1</sub>: 8.5 + x cm. Surface colour: 7.5YR 6/4 light brown; coated outside: 10R 4/6 red. Break: black. Dung-tempered. Horizontal and vertical burnish marks. Decoration: impressed; radial design structure; pattern of vertical parallel dotted-lines, made with a rocker-stamp (Bietak Ia 12). Burnished outside (high lustre); black burnished inside (medium lustre). *Early C-Group (Bietak Phase Ia // 9<sup>th</sup> and 10<sup>th</sup> Dyn.). ACS XXXVII*.

**No. 81: bowl** (Fig. 10), MLP-Ar-70334 {69/1994}

BTRP	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2-3
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Rim sherd; mended. Pointed body (?) (Type Group: CIVb3); unrestricted shape with a simple, discontinuous contour; direct rim, rounded shape. Rd: 16 cm 3/32; Wd: 0.5 cm; H<sub>1</sub>: 4.2 + x cm.

Surface colour: 7.5YR 6/4 light brown; coated outside: 2.5YR 5/6 red. Break: black. Dung-tempered. Conspicuous burnish marks inside. Decoration: impressed; radial design structure; pattern of vertical parallel dotted-lines made with a rocker-stamp (Bietak Ia 12); black-topped rim. Burnished outside (medium lustre); black burnished inside (low lustre). *Early C-Group (Bietak Phase Ia // 9<sup>th</sup> and 10<sup>th</sup> Dyn.). ACS [...]*.

**No. 82: bowl** (Fig. 10), MLP-Ar-70333 {26/1994}

[BT]RP	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2-3
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Body sherd. Pointed body (Type Group: CIVb3). Wd: 0.5 cm; H<sub>1</sub>: 8 + x cm. Surface colour: 7.5YR 6/4 light brown; coating outside: 10R 4/6 red. Break: black. Dung-tempered. Conspicuous burnish marks inside. Decoration: impressed; radial design structure, pattern of vertical parallel dotted-lines made with a rocker-stamp (Bietak Ia 12). Burnished outside and black burnished inside; medium lustre. *Early C-Group (Bietak Phase Ia). ACS [...]*.

#### 4.1.2. Variant: burnished on both surfaces and black-topped (Ware Group: H4.11e)

**No. 83: bowl** (Fig. 10), MLP-Ar-70139 {58/1994}

BTRP	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Complete. Rounded body (Type Group: CIVb2); restricted shape with a simple, continuous contour; direct rim, rounded shape, and rounded base. Rd: 15 cm; Md: 16.5 cm; Wd: 0.5 cm; H<sub>1</sub>: 9.5 cm; H<sub>2</sub>: 7 cm. IV: 174. Surface colour: 5YR 6/3 light reddish brown; coated outside 2.5YR 5/6 red. Break: black. Dung-tempered. Black-spotted, compacted texture; a thumb-mark on the base, outside; burnish marks beneath the rim. Black-topped rim; burnished outside (low to medium lustre) and inside (low lustre). *C-Group. ACS XI [...]*.

**No. 84: bowl** (Fig. 10), MLP-Ar-70335 {91/1994}

[BT]RP	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Body sherd. Bowl (Type Group: CIVb[...]). Wd: 0.5 cm; H<sub>1</sub>: 4.5 cm Surface colour: 2.5YR 4/4 reddish brown; coated outside: 10R 4/4 weak red. Black core; a thin oxidation zone at the exterior surface. Dung-tempered. Horizontal burnish marks outside and inside. Burnished outside (medium lustre) and inside (high lustre). *C-Group. ACS XXXVII*.

#### 4.2. Coated; red-and-black ware with uncompact interior (Ware Group: H4.13)

**No. 85: bowl** (Fig. 10), MLP-Ar-70343 {067/1994}

RI	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Rim sherd. Bowl (Type Group: CVb1); unrestricted shape with a simple contour; direct rim, rounded shape. Rd: 14 cm 5/32; Wd: 0.5 cm; H<sub>1</sub>: 3.5 + x cm. Surface colour: 5YR 5/3 reddish brown outside; coated outside: 10R 5/3 weak red. Black core; a thin oxidation zone at the exterior surface. Dung-tempered. Comb-marks inside. Decoration: impressed-incised; incised on the body, quadrilateral design structure, pattern of chevrons, plain and with parallel lines (Bietak Ib 7); impressed zigzag pattern on the black-mouthed rim-band (RB 15); a plain burnished band (3 mm wide), between the rim-band and the incised pattern on the body. Burnished outside; combed on the black surface, inside. *C-Group (Bietak Phase Ib // late 11<sup>th</sup> and early 12<sup>th</sup> Dyn.). ACS [...]*.



**No. 86: bowl** (Fig. 10), MLP-Ar-70337 {92/1994}

RI	Nile B <sub>1</sub> (=Nordström II B)	Ha <sub>1</sub>	low	2
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Body sherd. Bowl (Type Group: CVb[...]). Wd: 0.4 cm; H<sub>1</sub>: 6.5 + x cm. Surface colour: 5YR 6/3 light reddish brown; coated outside: 2.5YR 4/4 reddish brown. Break: black. Dung-tempered. Comb-marks inside. Decoration: incised; quadrilateral design structure; pattern of plain and incised concentric lozenges (Bietak Ib 5). Burnished outside; combed on the black surface, inside. *C-Group (Bietak Phase Ib // late 11<sup>th</sup> and early 12<sup>th</sup> Dyn.). ACS [...]*.

**No. 87: bowl** (Fig. 10), MLP-Ar-70339 {91/1995}

RI	Nile B <sub>1</sub> sandy (=Nordström II B)	Ha <sub>1</sub>	medium	2
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Body sherd. Bowl (Type Group: CVb[...]). Wd: 0.55 cm; H<sub>1</sub>: 4 + x cm. Surface colour: 5YR 6/3 light reddish brown slip outside; black inside. Greyish core; a thin oxidation zone at the exterior surface. Dung-tempered, sandy. Comb-marks inside. Decoration: incised; quadrilateral design structure, probably pattern of plain and incised woven bands ("Flechtmuster"; Bietak Ib 4). Burnished outside (low lustre) on the undecorated areas; combed inside (see below, 70341, a sherd from the same bowl). *C-Group (Bietak Phase Ib // late 11<sup>th</sup> and early 12<sup>th</sup> Dyn.). ACS CXXXVII*.

**No. 88: bowl** (Fig. 10), MLP-Ar-70341 {91/1995}

RI	Nile B <sub>1</sub> sandy (=Nordström II B)	Ha <sub>1</sub>	medium	2
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Body sherd. Bowl (Type Group: CVb[...]). Wd: 0.55 cm; H<sub>1</sub>: 2.2 + x cm. Surface colour: 5YR 6/3 light reddish brown slip outside; black inside. Greyish core; a thin oxidation zone at the exterior surface. Dung-tempered, sandy. Comb-marks inside. Decoration: incised; quadrilateral design structure; pattern of plain and incised woven bands? ("Flechtmuster"; Bietak Ib 4). Burnished outside (low lustre) on the undecorated areas; combed inside (see above, 70339, a sherd from the same bowl). *C-Group (Bietak Phase Ib // late 11<sup>th</sup> and early 12<sup>th</sup> Dyn.). ACS [CXXXVII]*.

***B. Imported Pottery. Egyptian Pottery, General Household  
Ware in Nile Silt Clay***

**Wheel-made, uncompacted brown or red-brown wares, coated (Ware Group: W1.11)****No. 89: jar** (Fig. 10), MLP-Ar-70147 {53/1994}

coated	Nile B <sub>1</sub>	W <sub>1</sub>	base cut off the wheel with an instrument	high	2
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Complete. Globular body (Type Group: GJ1); restricted, necked vessel with an inflected contour; everted direct rim, and round base which was flattened with the finger. Rd: 8.2-8.5 cm; Nd: 7.4 cm; Md: 12.5 cm; Bd: 2.5 cm; Wd: 0.7 cm; H<sub>1</sub>: 14 cm; H<sub>2</sub>: 6.5 cm; H<sub>3</sub>: 1.6 cm. VI: 89. Surface colour: 5YR 5/4 reddish brown; slip: 10R 4/6 red. Dung-tempered. Grooves inside; made in two parts; finger-prints on the body and a thumb-mark on the base, outside. Smoothed by hand; rim finished on the wheel, slightly pinched with the fingers. Two groups of incised parallel lines on the shoulder and upper part of the body. Smoothed. *Middle Kingdom. ACS LXVII, No. 6; Mission No. 137*.

### List of Abbreviations used in the Catalogue

Bd	base diameter
BI	black incised
BTRP	black-topped, red burnished ware
DC	drab coarse or smooth ware
H <sub>1</sub>	total high of the vessel
H <sub>2</sub>	high from the base to the maximum diameter
Ha <sub>1</sub>	hand-made shaping
Ha <sub>2</sub>	hand-made shaping with the rim finished on a turning device
Md	maximum diameter
MLP-Ar-	Inventory, Museum of La Plata, section of Archaeology
Nd	neck diameter
Rd	rim diameter
RI	red incised
VI	vessel index
Wd	wall thickness
W <sub>1</sub>	low simple wheel

### ACKNOWLEDGMENTS

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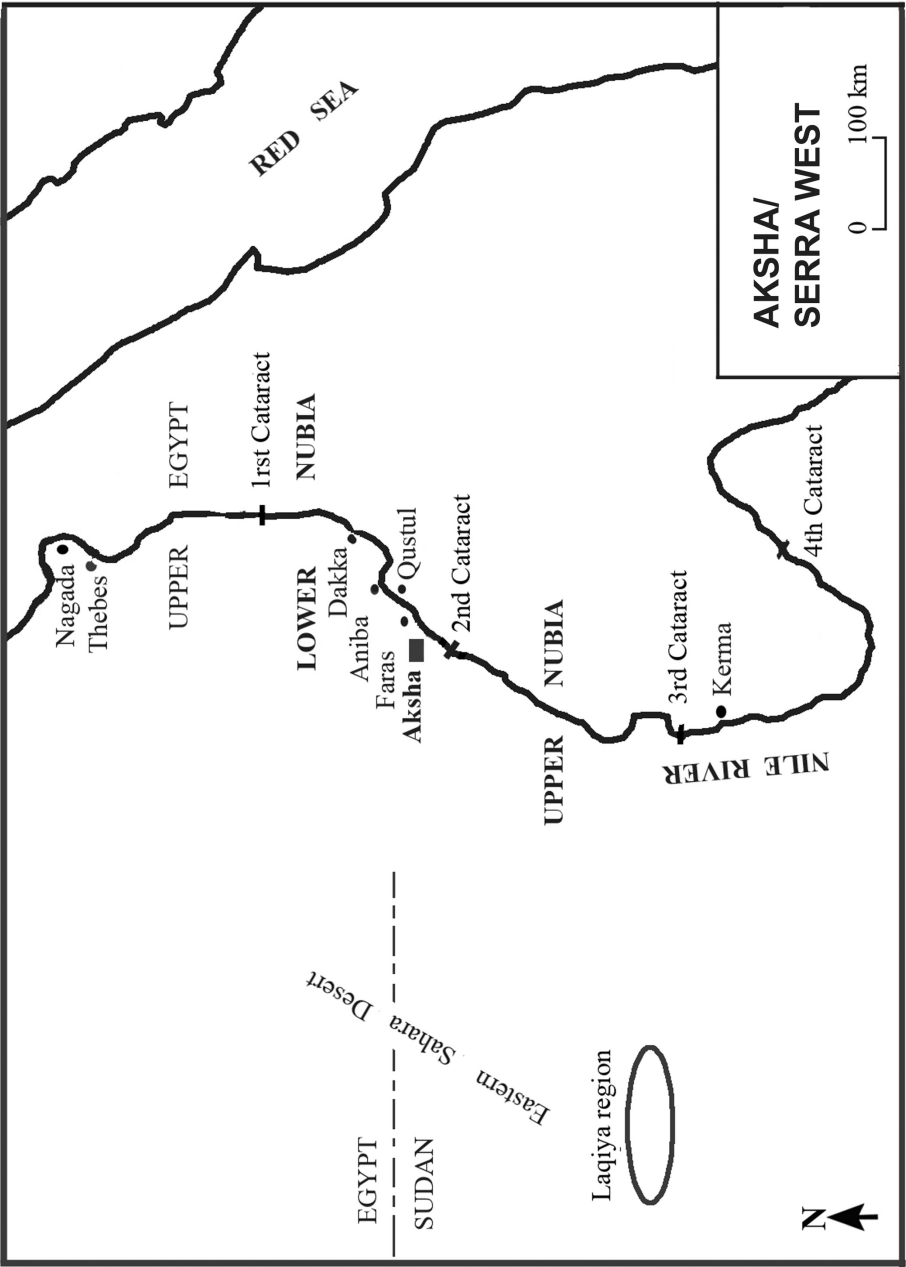


Figure 1

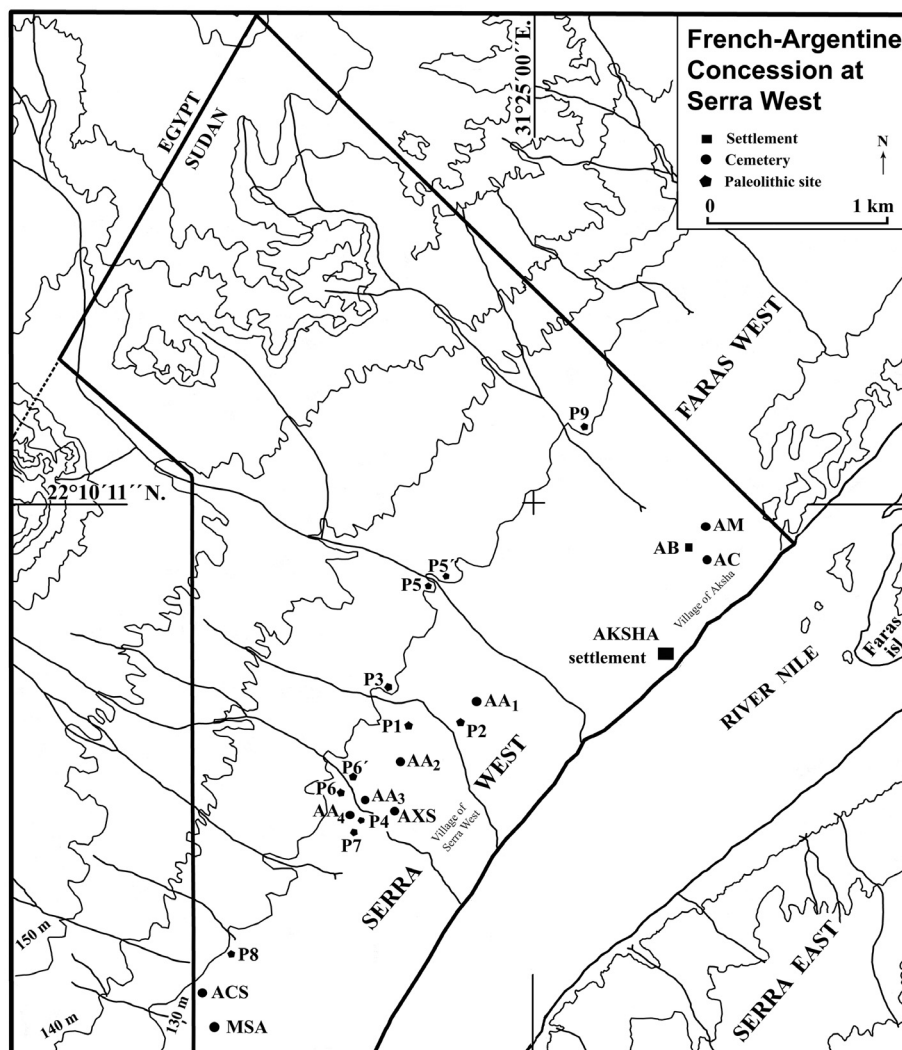


Figure 2

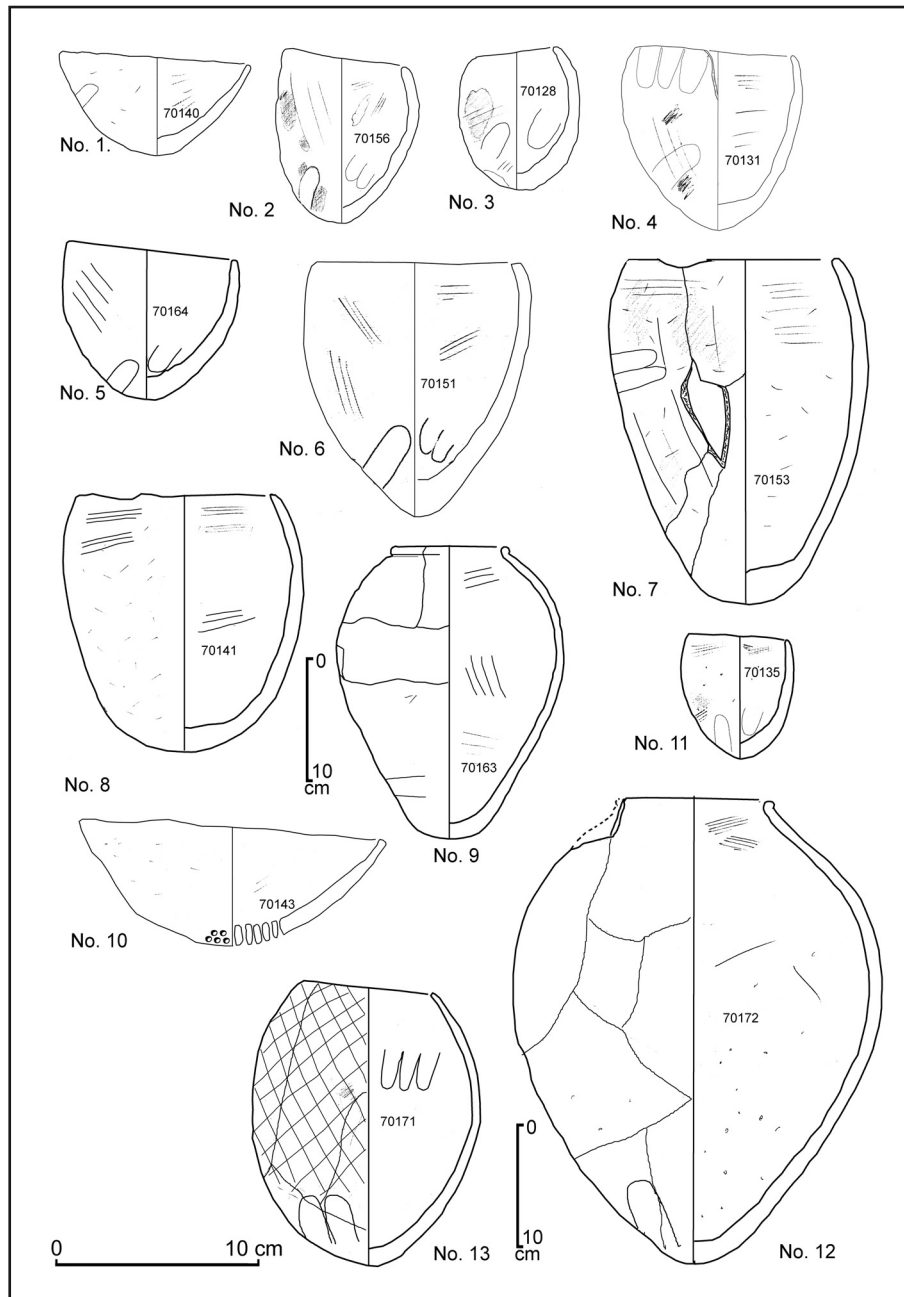


Figure 3



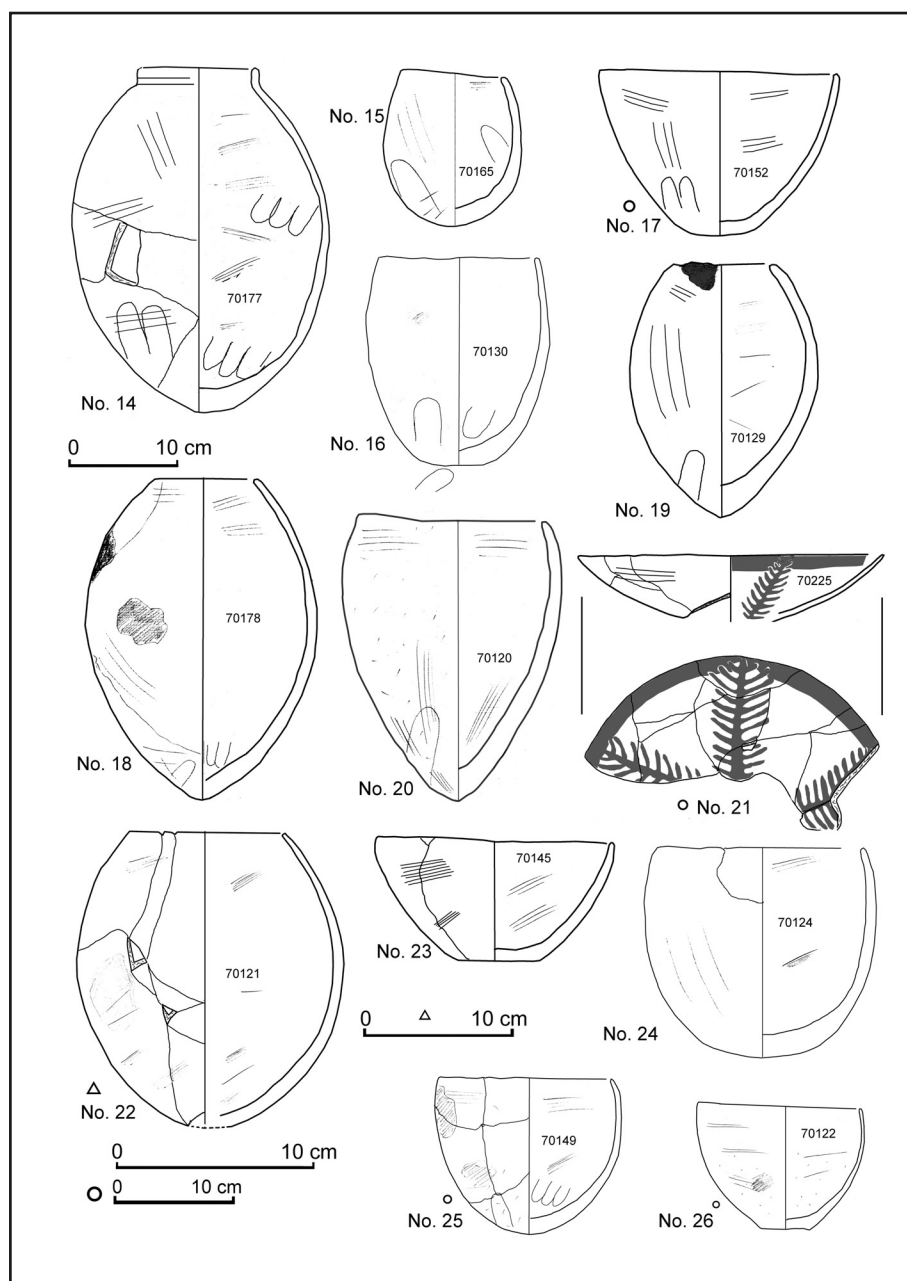


Figure 4

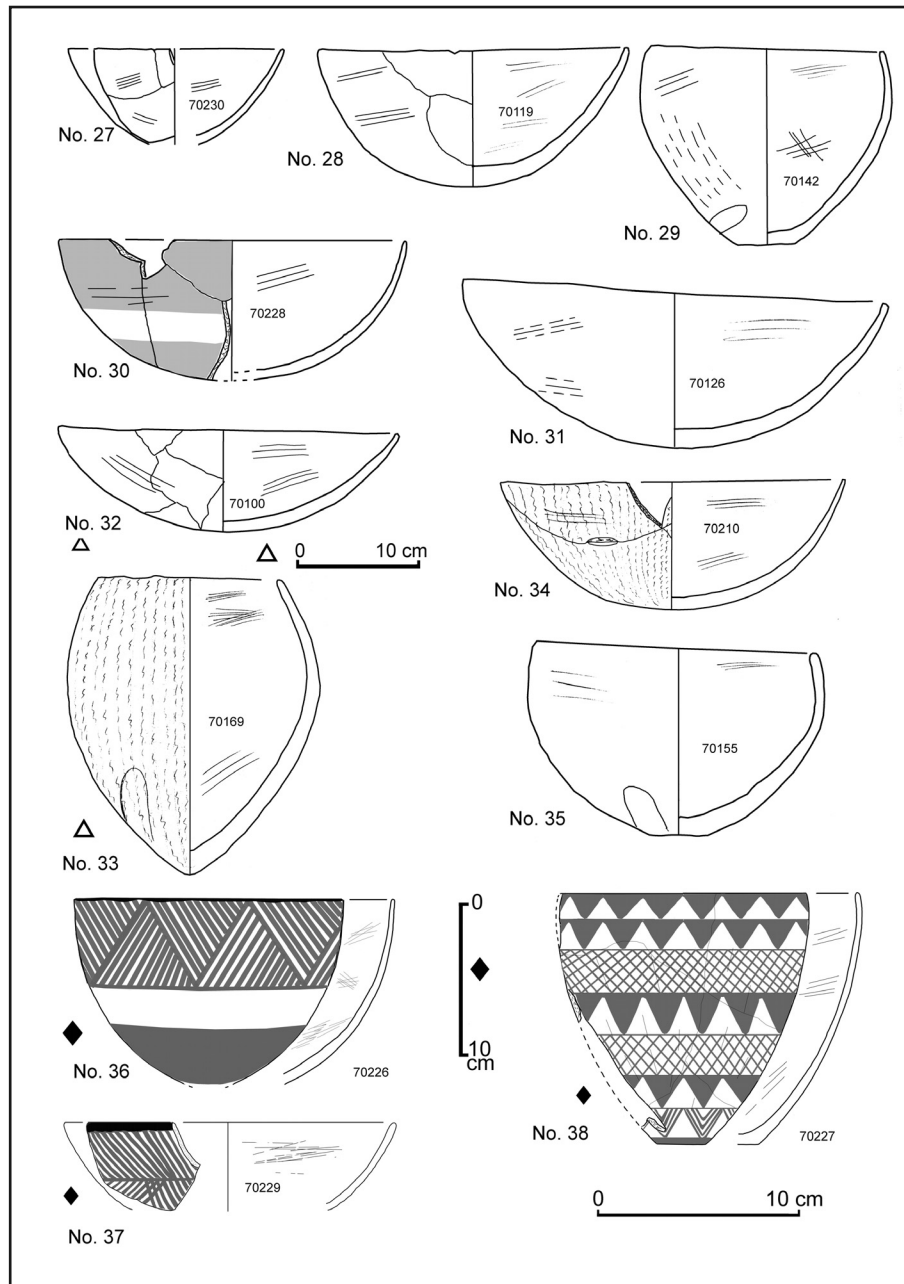


Figure 5

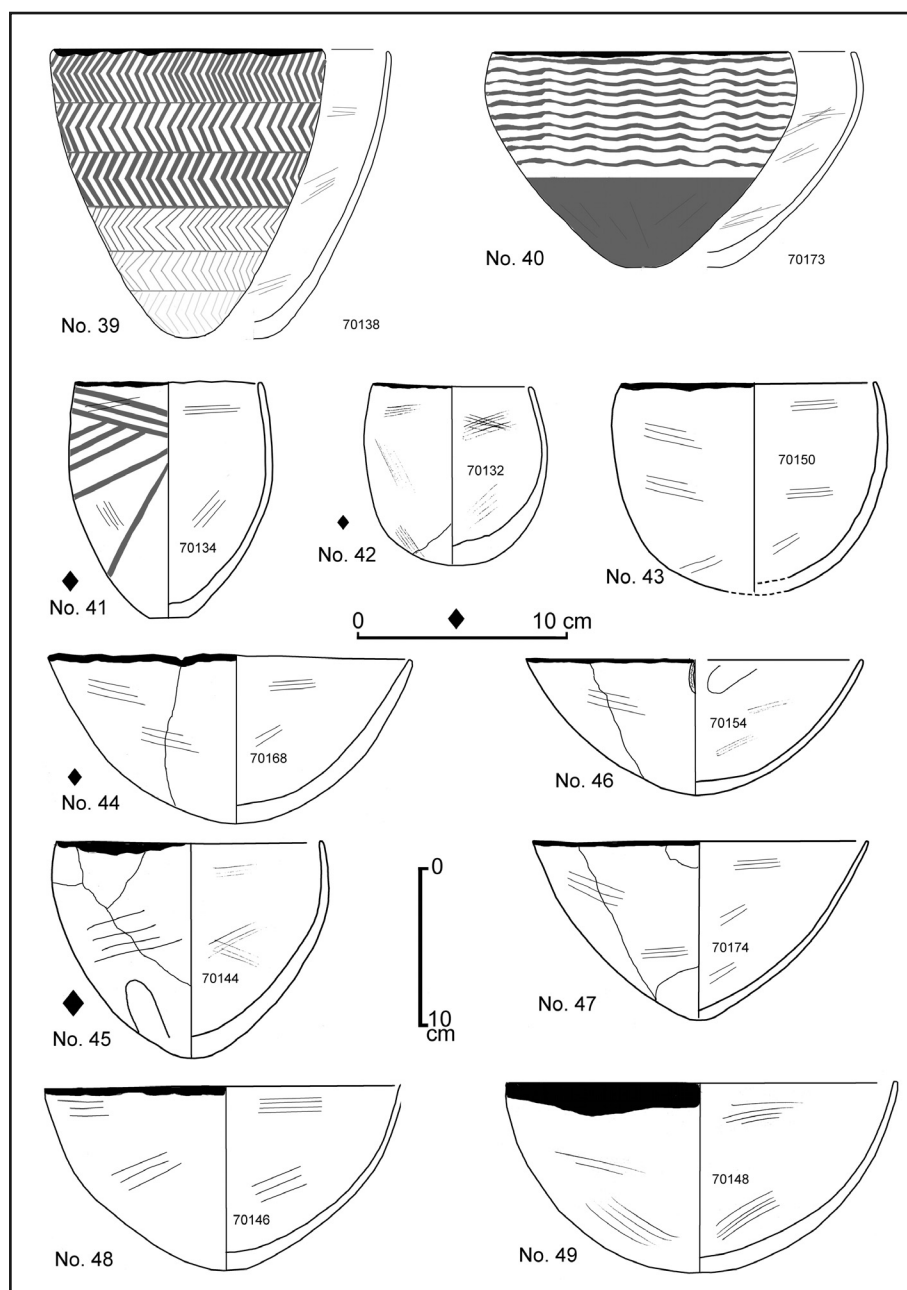


Figure 6

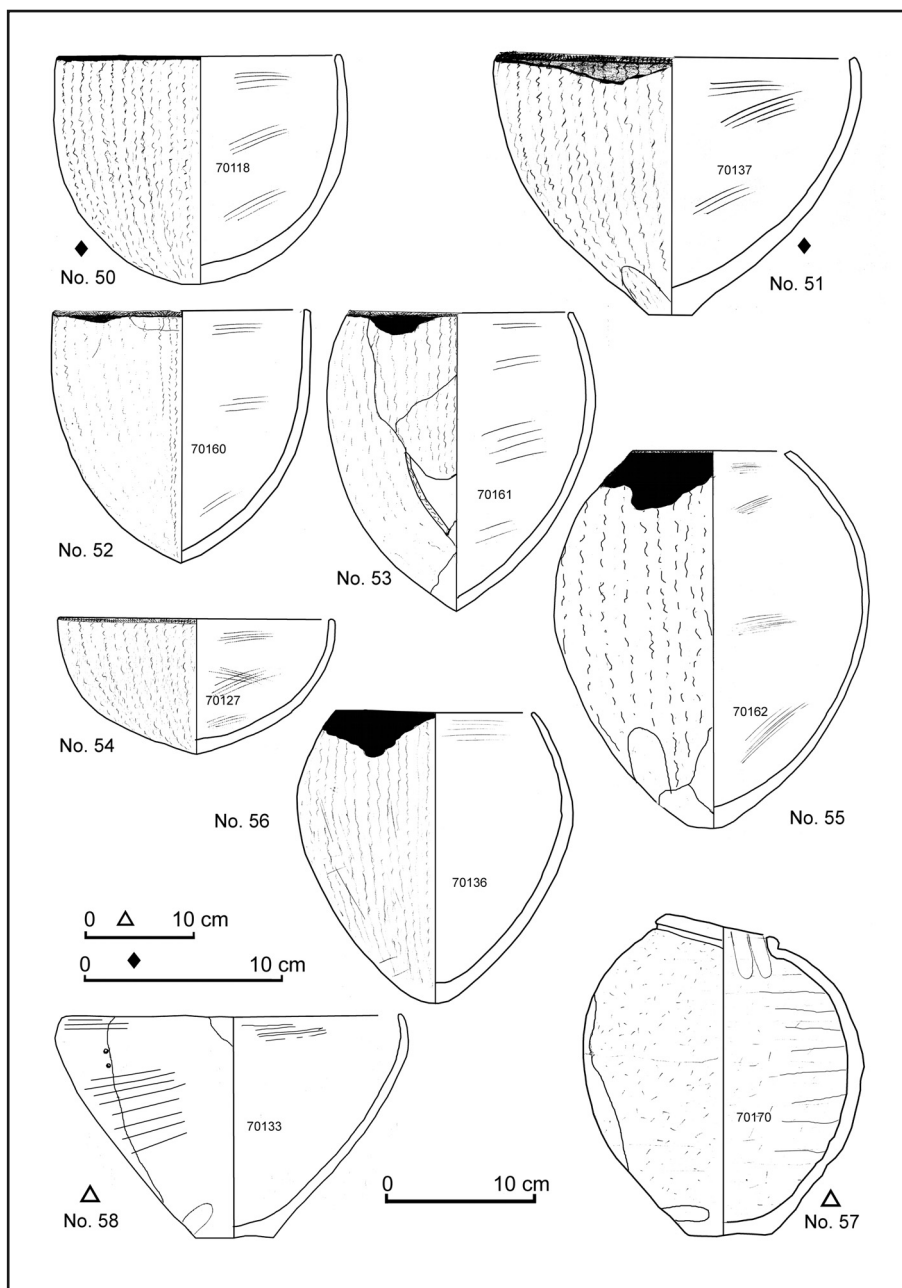


Figure 7

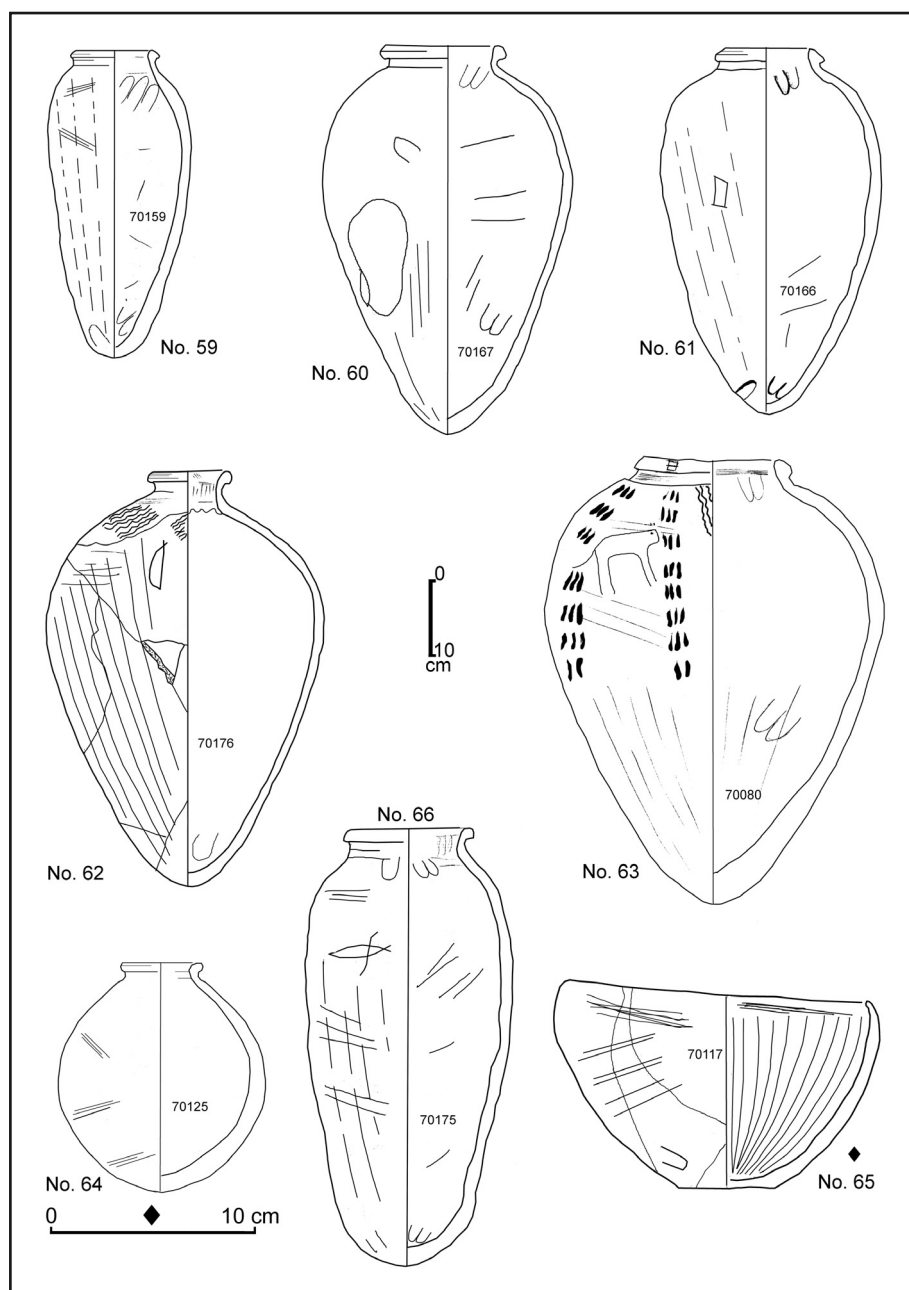


Figure 8

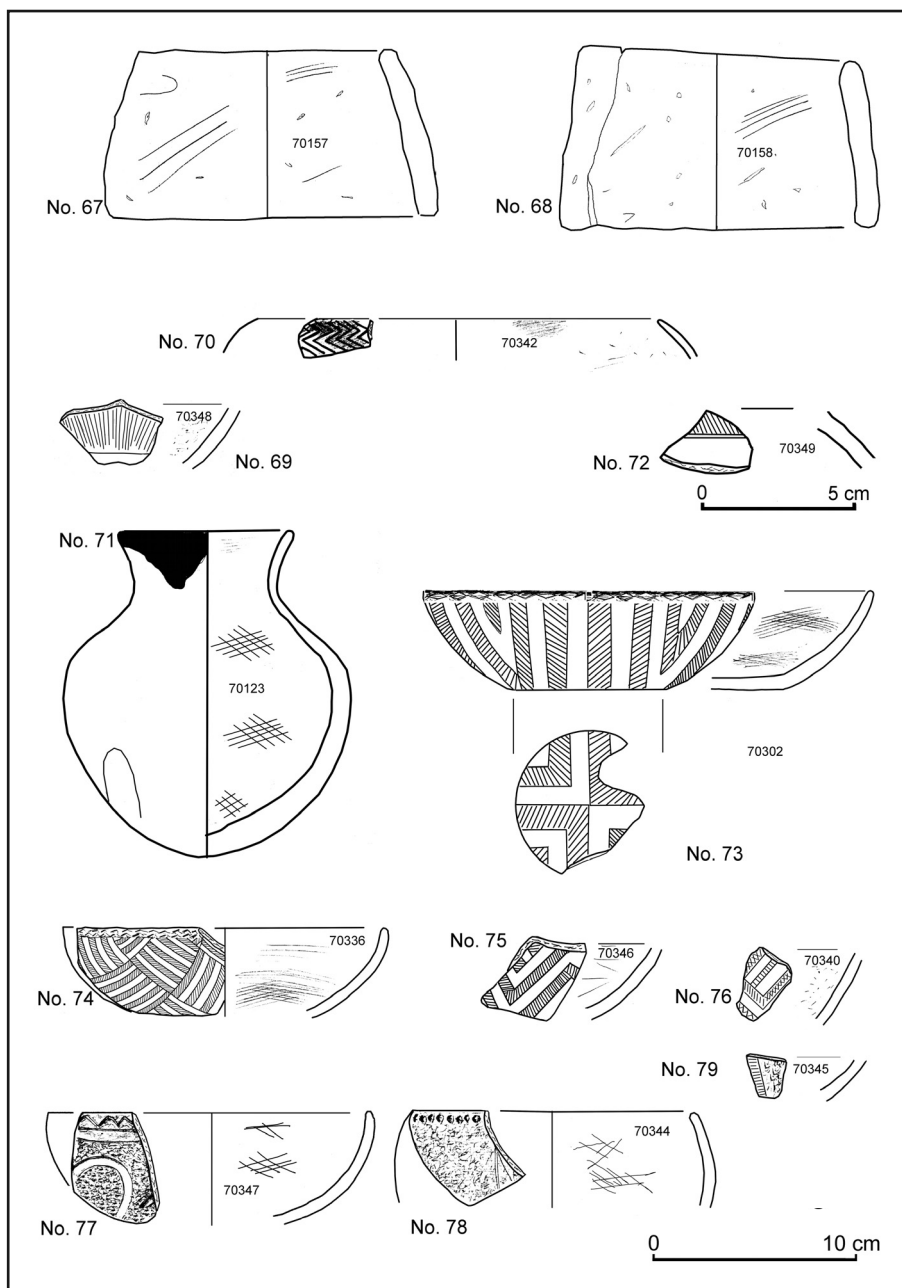


Figure 9

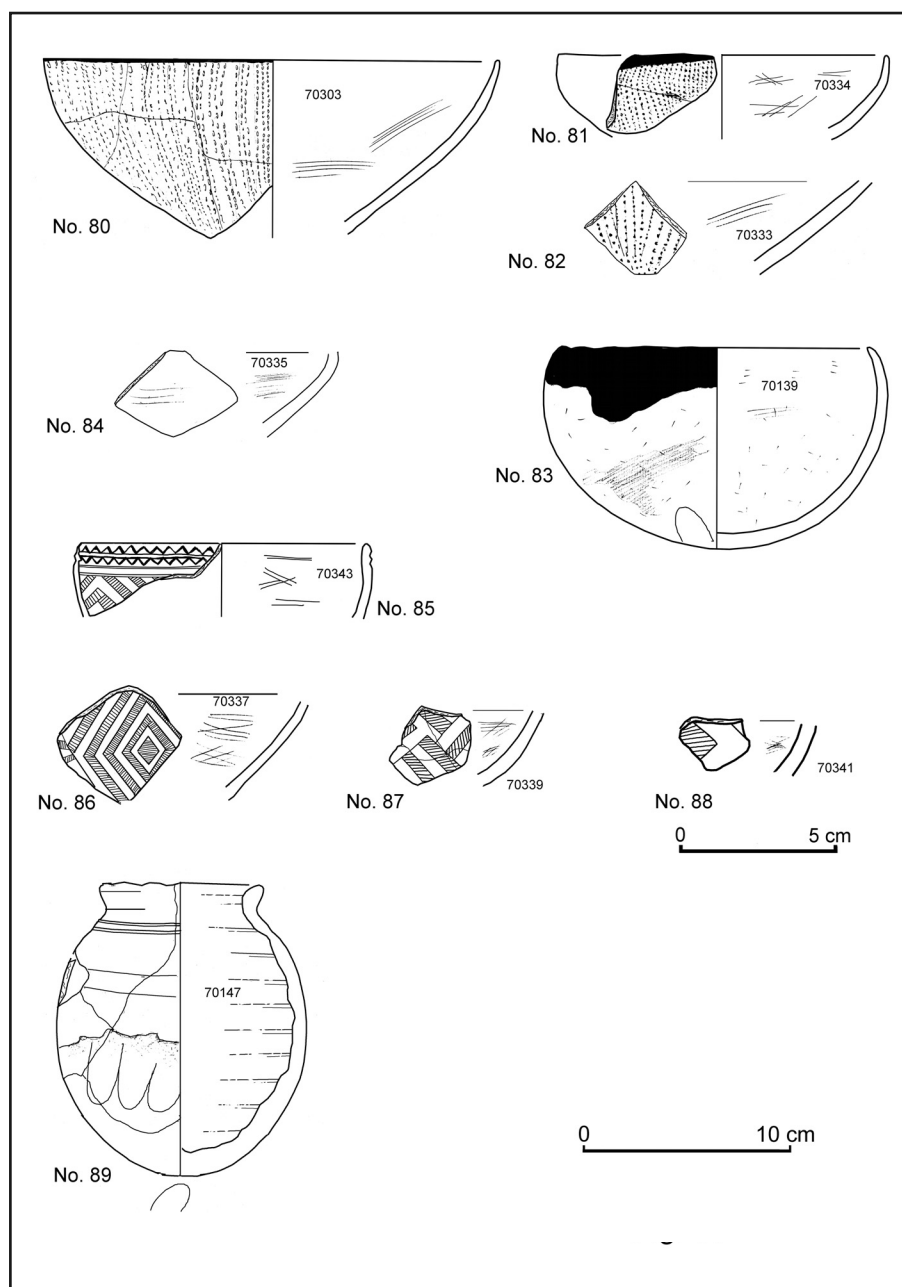
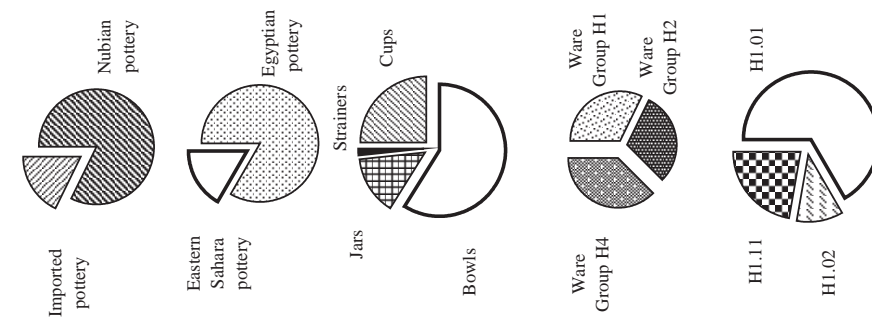


Figure 10



Pottery from the A-Group tombs

Pottery from the A-Group tombs			
		Amount	%
Hand-made pottery of Nubian tradition		56	82
Imported pottery		12	18
Total		68	100

Graph 1: Amount of pottery by origin

Imported pottery			
		Amount	%
Egyptian pottery		10	83
Eastern Sahara pottery		2	17
Total		12	100

Graph 2: Amount of imported pottery by origin

Nubian pottery shapes			
		Amount	%
Cups		14	25
Bowls		33	59
Jars		8	14
Miscellanies (strainer)		1	2
Total		56	100

Graph 3: A-Group pottery by shape

Ware Group			
		Amount	%
Smooth, brown wares (Ware Group: H1)		18	32
Brown burnished wares (Ware Group: H2)		17	30
Brown-and-black, burnished wares (Ware Group: H4)		21	38
Total		56	100

Graph 4: Pottery of Nubian tradition by ware group

Smooth, brown wares (Ware Group: H1)			
		Amount	%
Uncoated, brown ware (Ware Group: H1.01)		12	67
Uncoated, scraped (Ware Group: H1.02)		2	11
Red-coated, unpolished ware (Ware Group: H1.11)		4	22
Total		18	100

Graph 5: Ware groups of Smooth, brown wares



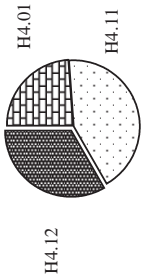
Brown burnished wares (Ware Group: H2)			
	Amount	%	
Uncoated, plain, burnished brown ware (Ware Group: H2.01)	4	23	
Plan, red-burnished ware (Ware Group: H2.11)	10	59	
Ripple, red ware (Ware Group: H2.12)	2	12	
Plain, red-burnished ware, uncompact interior (Ware Group: H2.13)	1	6	
Total	17	100	

Graph 6: Ware groups of Brown burnished wares



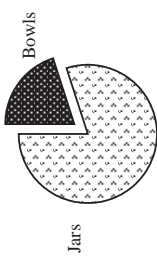
Brown-and-black, burnished wares (Ware Group: H4)			
	Amount	%	
Plain, burnished, brown-and-black ware (Ware Group: H4.01)	5	24	
Coated; plain, burnished, red-and-black ware (Ware Group: H4.11)	9	43	
Rippled, red-and-black ware (Ware Group: H4.12)	7	33	
Total	21	100	

Graph 7: Ware groups of Brown-and-black, burnished wares



Egyptian pottery shapes			
	Amount	%	
Bowls	2	20	
Jars	8	80	
Total	10	100	

Graph 8: Egyptian pottery by shape



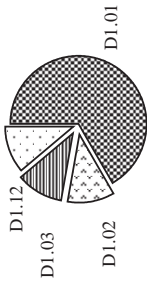
Egyptian pottery wares			
	Amount	%	
Chaff-tempered coarse ware ("Rough ware")	1	10	
Hand-made, hard, pink wares (Ware Group: D1)	9	90	
Total	10	100	

Graph 9: Egyptian pottery by ware



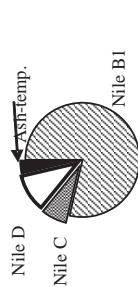
Hand-made, hard, pink wares (Ware Group: D1)			
	Amount	%	
Uncoated; light-red or grey, unburnished ware (Ware Group: D1.01)	6	67	
Uncoated; light red, hard ware with burnished exterior (Ware Group: D1.02)	1	11	
Uncoated; buff or light red, hard, burnished ware (Ware Group: D1.03)	1	11	
Hard, red-coated, burnished ware (Ware Group: D1.12)	1	11	
Total	9	100	

Graph 10: Ware groups of hand-made, hard pink wares



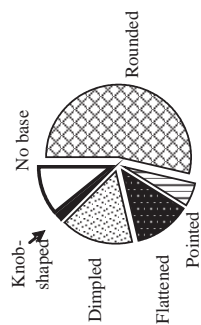
Fabric		
Nile B1	Amount	%
	44	79
Nile C	4	7
Nile D, "Nile B1 type"	6	11
Ash-tempered (Nordström II A)	2	3
Total	56	100

Graph 11: A-Group pottery by fabric



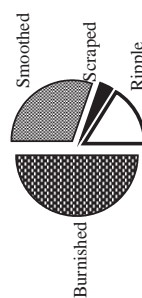
Base shapes		
Rounded	Amount	%
	30	54
Pointed	3	5
Flattened	7	12
Dimpled	9	16
Knob-shaped	1	2
No base preserved	6	11
Total	56	100

Graph 12: Base shapes of the A-Group pottery



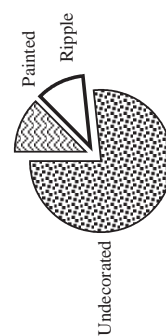
Surface treatment		
Smoothed	Amount	%
	17	30
Scraped	2	4
Ripple	9	16
Burnished	28	50
Total	56	100

Graph 13: A-Group pottery by surface treatment



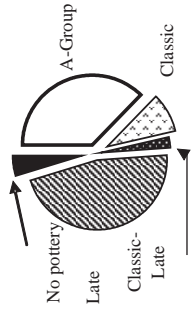
Decoration		
Painted	Amount	%
	7	12
Ripple	6	11
Undecorated	43	77
Total	56	100

Graph 14: Decoration of the A-Group pottery



Dating			
	Amount	%	
A-Group	16	37	
Classic A-Group	4	9	
Classic and Late A-Group	1	2	
Late A-Group	20	47	
No pottery for dating	2	5	
Total	43	100	

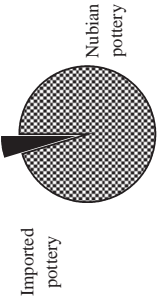
Graph 15: Dating of the A-Group tombs



Pottery from the C-Group tombs

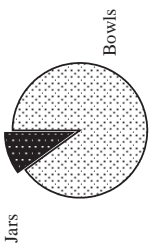
Pottery from the C-Group tombs			
	Amount	%	
Hand-made pottery of Nubian tradition	20	95	
Imported (Egyptian) pottery	1	5	
Total	21	100	

Graph 16: Amount of pottery by origin



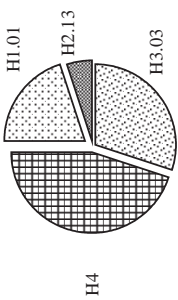
Nubian pottery shapes			
	Amount	%	
Bowls	18	90	
Jars	2	10	
Total	20	100	

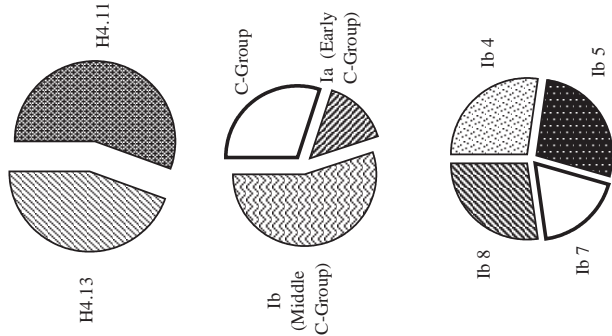
Graph 17: C-Group pottery by shape



Ware Group			
	Amount	%	
Coarse or smooth, brown wares (Ware Group: H1) Uncoated; coarse or smooth brown ware (Ware Group: H1.01)	4	20	
Brown, red-burnished wares (Ware Group: H2) Coated, red-incised ware with uncompacted interior (Ware Group: H2.13)	1	5	
Black, burnished wares (Ware Group: H3) Uncoated; black incised ware, uncompacted interior (Ware Group: H3.03)	6	30	
Brown-and-black burnished wares (Ware Group: H4)	9	45	
Total	20	100	

Graph 18: Pottery of Nubian tradition by ware group





Brown-and-black burnished wares (Ware Group: H4)			
Coated; burnished, red-and-black ware (Ware Group: H4.11)	Amount	%	
Coated; red-and-black ware with uncompacted interior (Ware Group: H4.13)	5	56	
Total	4	44	
	9	100	

Graph 19: Ware groups of Brown-and-black burnished ware

Phases	Amount	%
C-Group	6	30
Ia (Early C-Group)	3	15
Ib (Middle C-Group)	11	55
Total	20	100

Graph 20: C-Group pottery by chronological phase

Phase Ib	Amount	%
Ib 4	3	27
Ib 5	3	27
Ib 7	2	19
Ib 8	3	27
Total	11	100

Graph 21: Pottery from Phase Ib by design