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## LINEAR POTTERY CULTURE FACE VESSEL FROM THE SITE BISKUPICE 18, SOUTHERN POLAND

### ABSTRACT

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This paper presents the stylistic analysis of a unique face vessel fragment, found at a recently excavated settlement of the Linear Pottery culture near Biskupice, located in the Carpathian foothill region in southern Poland. The evaluation is based on a multivariate analysis of the stylistic features of 130 human face vessels from 91 Central European Neolithic sites of the Linear Pottery culture and the Alföld Linear Pottery culture, and is conducted with the help of multiple correspondence analysis (MCA). The main objective of the research is to find the closest analogies of the Biskupice by tracking similarities between the manner of execution of the combination of facial elements and accompanying motifs appearing on the Biskupice vessel and on other depictions of the human face. This investigation also aims to make inferences about the chrono-cultural connections of the first agrarian societies in the area of the Carpathian foothills with other regions of the Linear Pottery world.

Keywords: Linear Pottery culture, Early Neolithic, anthropomorphic representation, face vessels, multivariate statistics

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## 1. INTRODUCTION

Figural representations of humans in form of both figurines and ornaments on vessels, including the so-called face vessels, are relatively common findings in the Early Neolithic of South-Eastern and Central Europe. Figural art of the first agricultural societies in these territories has been the subject of intensive research since the 1960s (*e.g.* Höckmann 1967; 1966; Kaufmann 1976; Gimbutas 1989; Bánffy 1991). In the 21<sup>st</sup> century, this topic was the subject of three important monographs, which were focused on: (1) anthropomorphic figurines and vessels with figural motifs of the Linear Pottery culture (LBK) (Becker 2011), (2) stylistics of Early – Late Neolithic anthropomorphic vessels from the Near East, through the Balkans, to Central Europe (Schwarzberg 2011) and (3) the Neolithic and Chalcolithic figural representations from South-Eastern Europe (Hansen 2007). Early Neolithic figurines were also recently studied in Macedonia (Naumov 2015) and Saxony (Lehmann 2018). The majority of recent works follow a typo-chronological stylistic analysis (*e.g.* Beljak-Pažinová 2018; Csengeri 2011; 2013; 2014), but there are also studies that include an emblematic and ideological interpretation of ornamental motifs (*e.g.* Domboróczy 2013) or the symbolic meaning of pottery (*e.g.* Tomašovičová 2018; Sebők 2014, 2018).

It should be noted that there are noticeably fewer examples of vessels with anthropomorphic ornaments in the LBK compared to its “eastern” counterpart, *i.e.* the Alföld Linear Pottery culture (ALPC), not to mention Early and Middle Neolithic cultures in the Balkan Peninsula. In the territory of Poland, such vessels are rare, *i.e.* only a human figure motif engraved on a spherical LBK bowl from Brzezie 17 (Czekaj-Zastawny 2014, fig. 39), the LBK face vessel from Żegotki (Czerniak 1998, fig. 6) and an abstract example from Zwiężczyca, related to the Bükk culture (Sebők 2014, 80-81, fig. 20: 7) can be quoted. Therefore, the appearance of a new face vessel with horn-liked protrusions from Biskupice is an exceptional find of the Early Neolithic period north of the Carpathian and Sudety Mountains.

The aim of this article is to present a stylistic analysis of this new find in the context of other Early Neolithic representations from Central Europe in order to determine the degree of similarity of the Biskupice face vessel with similar human representations of the LBK and ALPC. This work is based on a multivariate statistical analysis of the complex of elements of the human face and accompanying stylistic features. As a result, the closest analogies to the Biskupice artefact, as well as the area of their occurrence, will be shown.

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## 2. FIND CONTEXT

The site at Biskupice is located in the Wieliczka Foothills (Kondracki 1998), on a loess-mantled hummock of south-eastern exposition, surrounded by two streams: on the south by the Królewski Brook, a left-hand tributary of the Raba River, and on the north by a nameless one (Fig. 1). This site belongs to the LBK settlement macroregion located in the loess uplands of the Upper Vistula River Basin (Fig. 2), which covers a number of important settlement clusters on both sites of this river (Czekaj-Zastawny 2008; 2009). One of the significant aggregations is located on the right bank of the Upper Vistula River in the Raba River Basin (*i.e.*, Brzezie 17, Brzezie 49, Targowisko 11/12, Targowisko 13, 14 and 16, Szarów 9; Czekaj-Zastawny 2008, 41; Czekaj-Zastawny 2014; Lityńska-Zajac and Czekaj-Zastawny 2020). However, the Biskupice site lies outside of the main cluster of the settlement zone (Fig. 3), on the left bank of the Raba River (Czekaj-Zastawny 2008, 88). Its location on a relatively high hill (*ca.* 312 m.a.s.l.) is quite a unique feature in this zone, more closely resembling the cluster of settlements situated in more southern areas of the foothills, near the Dunajec river (Czekaj-Zastawny *et al.* 2020).

The site was discovered during systematic field surveys (long-term campaign: the Polish Archaeological Record/AZP) and was chronologically attributed to the Early



Fig. 1. Biskupice, site 18. Aerial photography of the trench in season 2020 with Biskupice village in the background (photo: M. Korczyńska)

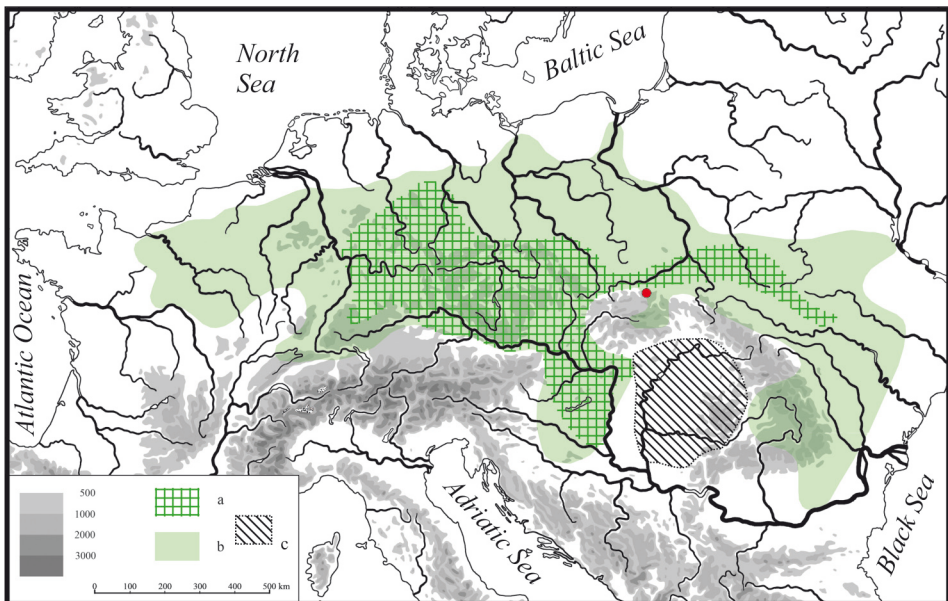


Fig. 2. Extent of the LBK and the ALPC; a – extent of the LBK in the oldest phase; b – maximal extent of the LBK; c – extent of the ALPC (Czekaj-Zastawny *et al.* 2018; Hansen 2007, fig. 181, modified)

Neolithic and the Roman period. In 2013, rescue excavations, related to construction works, were conducted on the site. In one small trench, neither artefacts nor features were found (Lasota-Kuś 2013), while in the other one, several dozen archaeological features were documented, representing a well preserved LBK household unit (longhouse with post construction and elongated pits). The stylistic analysis of the pottery showed that all features are related to the Želiezovce phase of the LBK (Czerniak 2014). The great preservation of the LBK features, as well as the exceptional location of the settlement within the region called for a more detailed excavation, which was conducted in 2020. The excavation covered an area of 1,100 square meters, in which the remains of three LBK household units were discovered.

The face vessel was found in pit no. 25, which is functionally connected to house no. 2 (Fig. 4). The house was located in the eastern part of the trench, and was oriented along a NE-SE axis, with a deviation of about 28° from the north. Traces of 37 posts, arranged in five rows, were documented. Seventeen of them belonged to the three internal lines of posts supporting the load-bearing structure, while 20 smaller ones belonged to two outer rows connected with the construction of the walls. The diameter of the first group of post-holes reached 40 cm, whereas the diameter of the outer rows was about 10 cm. In several cases, pits for the posts were also visibly preserved, but only in the internal rows. Moreover, six lateral pits were found. Thanks to the well-preserved traces of the house, it was



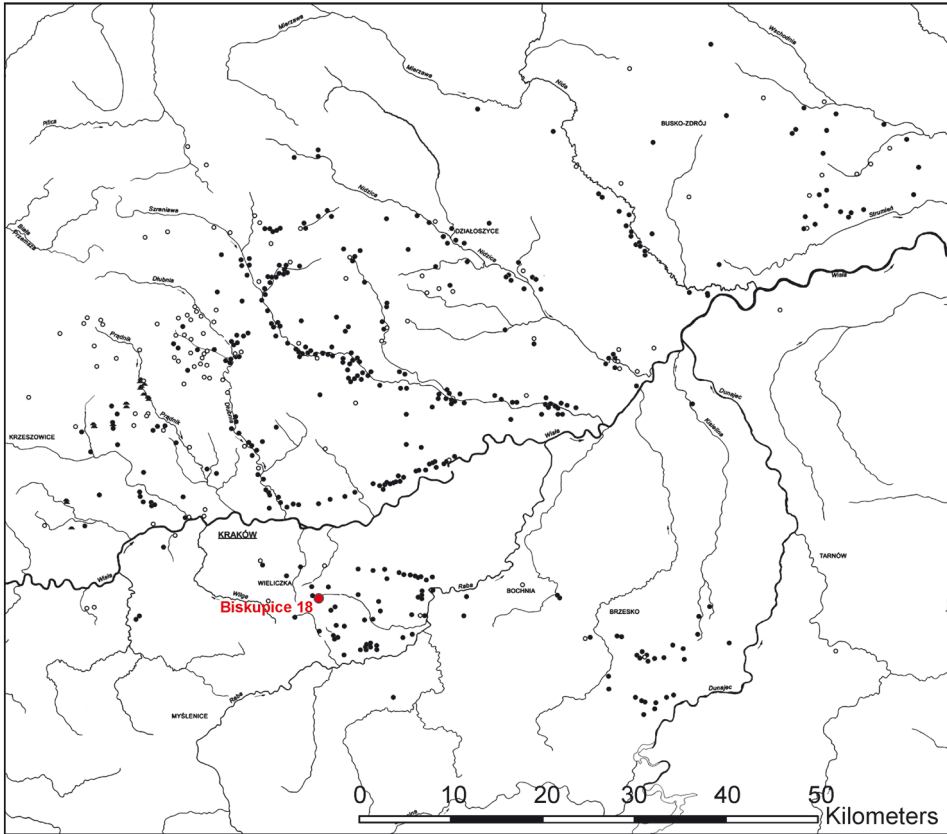


Fig. 3. Location of the site in Biskupice against the background of the LBK settlement in western Lesser Poland (Czekaj-Zastawny 2014, fig. 57)

possible to reconstruct its size. Originally, the house was rectangular, and about 6 m wide. Its length was approximately 11 m, placing it among the shortest constructions known from LBK settlements in the Upper Vistula Basin (see: Czekaj-Zastawny 2008, 39-42). According to the division proposed by P. J. R. Modderman (1986, fig. 29), this house may be classified as Type 2 (*i.e.* with one corridor on the north side) based on the arrangement of the all posts of the structure. A house of the same type, in terms of both the layout of the internal space and the length, is known from the site Brzezcie 17, a few kilometres east of Biskupice (Czekaj-Zastawny 2008; Czekaj-Zastawny 2014).

Feature 25 is located in the eastern part of house no. 2 (Fig. 4). It is an elongated pit (type 4 according to: Czekaj-Zastawny 2008, 55), measuring approx.  $4 \times 2$  m, with a depth of approx. 40 cm. The vertical profile was shaped like a trough, being more shallow in the north (Fig. 4: B). The fill of the feature was dark-brownish, with numerous smaller

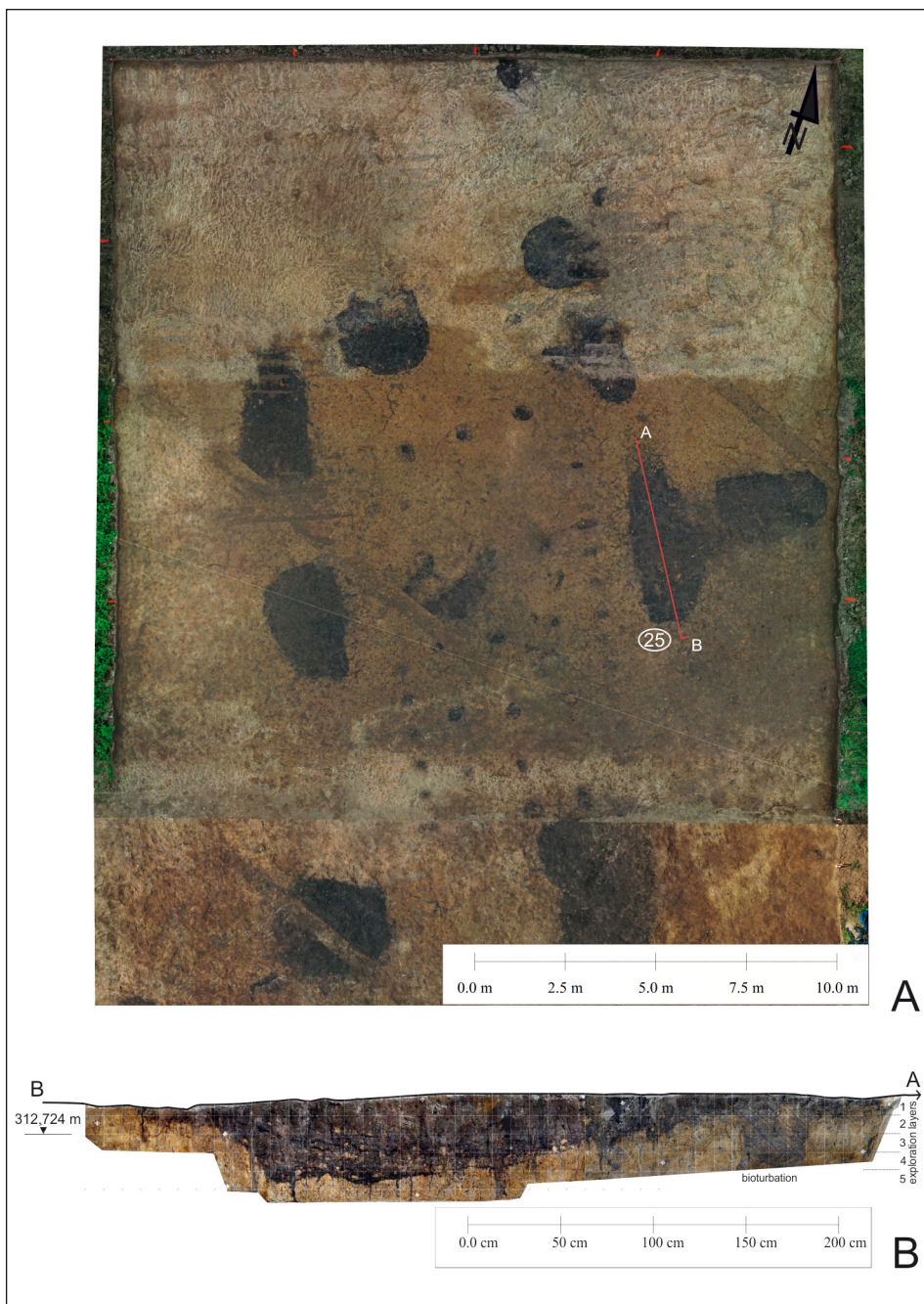


Fig. 4. Biskupice, site 18. Orthophotograph of house no. 2 (A) and the cross section of feature no. 25 (B) (photo: M. Korczyńska)

inclusions, as well as with a significant number of artefacts. In this feature, apart from the face vessel, pottery (373 fragments) and lithic materials made of Jurassic flint (237 artefacts) and obsidian (one example) were discovered (Fig. 5). Also, stones (48 fragments) and daub (5 pieces) were documented. Figure 5 shows the exact position of the face vessel

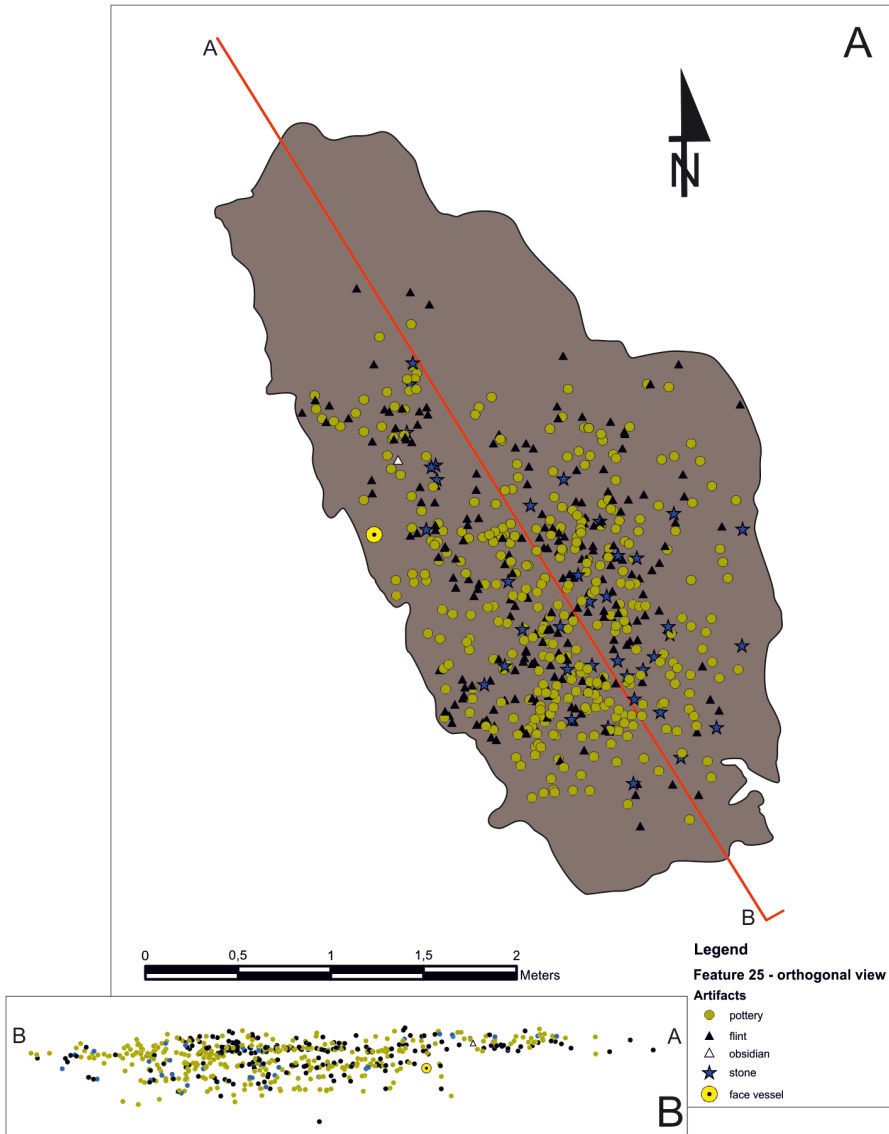


Fig. 5. Biskupice, site 18. Location of artifacts in feature no. 25 in plan view (A) and section view (B) (prepared by: M. Korczyńska)

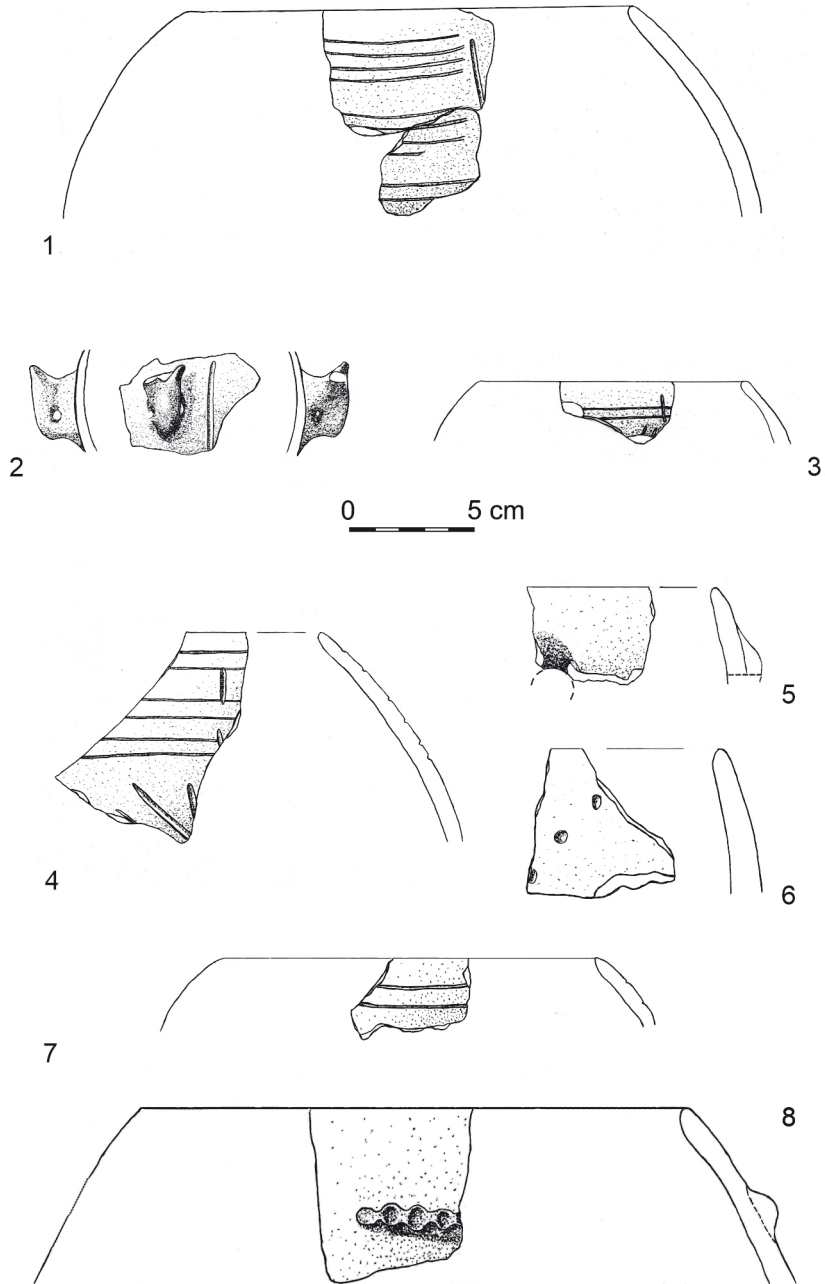


Fig. 6. Biskupice, site 18.  
Selection (1-8) of characteristic pottery from feature no. 25  
(illustration by: R. Kenig)

within the pit. It was noticed that this pottery fragment appeared near the wall of the house, and that there were no other artefacts in its immediate vicinity. In general, however, the face vessel was embedded in the horizontal layer with the largest and best-preserved potsherds, concentrated mainly in the southern part of the backfill.

The analysis of all the pottery fragments found in pit no. 25 – including their dimensions, weight, state of preservation, and technology, as well as the presence / absence of decorations, and the reconstruction of possible vessel types – showed the structure of the ceramic inventory. A minimum number of 73 different vessels was determined based on rim fragments. These represent five technological groups (according to Czekaj-Zastawny and Rauba-Bukowska 2014; Rauba-Bukowska and Czekaj-Zastawny 2020). With regard to form, spherical bowls, open bowls, vessels with a high neck, footed vessels, and a miniature vessel were discerned (Fig. 6). It is worth mentioning the presence of fragments of two vessels with holes below the rim, like a kind of short funnel (Fig. 6: 5). Much of the pottery is ornamented, including 35 pieces with engraved lines (mainly in the form of arched lines), but there are also other motifs, such as simple cuts, especially under the rim (Fig. 6: 1, 3, 4). The second type of ornament, present on 25 fragments, is that of plastic decorations, such as bumps, finger and nail imprints, and clay bands (Fig. 6: 8). Three of the above-mentioned potsherds are ornamented with both engraved lines and plastic additions in the form of bumps.

The diagnostic features of the pottery (style and technology) indicate that the assemblage is related to the late phase of LBK, namely the Želiezovce phase (*i.a.* Pavúk 1969, fig. 6; Kadrow 2020, 147; Moskal-del Hoyo *et al.* 2017; Rauba-Bukowska and Czekaj-Zastawny 2020).

### 3. THE FACE VESSEL FROM BISKUPICE

As already mentioned, apart from the above-mentioned ornamented sherds, in feature 25, a fragment with an almost complete image of a human face was preserved (Fig. 7 and 8). The shape of the rim indicates that the ornament was placed on a medium-walled (thickness *ca.* 8 mm) spherical bowl. The vessel belongs to the category of larger forms, being not as delicate as the so-called tableware. The entire countenance is inscribed in the shape of the letter “M”, formed by engraved lines, which is considered in this study as the “main motif”. The details of the face were shaped by the linear arrangements of convex clay bands. One of the elements, parallel to the rim of the vessel, forms an eyebrow with small conical protrusions on both edges (*ca.* 2 cm in length). In the centre, a vertical convex band shapes the nose. Even the nostrils are visible in its lower, slightly widened part. On both sides of the nose, just below the brow, there are two short, horizontal lines symbolizing the eyes. The left horn-shaped protrusion is complete, while the right one has a broken tip. The preserved part of the pot ends just below the “nose”. On the outer part of





Fig. 7. Biskupice, site 18. Face vessel from feature no. 25 (photo by: A. Walanus)

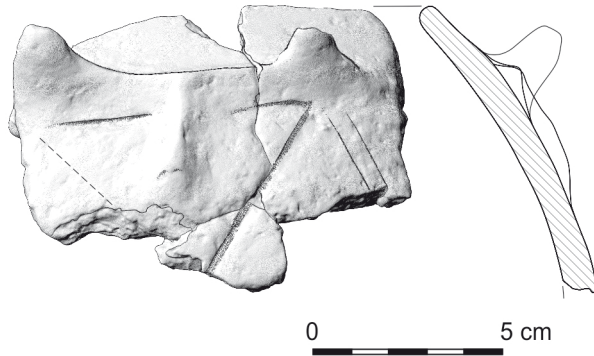


Fig. 8. Biskupice, site 18. 3D Model of the face vessel (prepared by: M. Korczyńska, based on data obtained by: Jakub Gawryjotek from Centrum Druku in Kraków)

the vessel, the original surface has only been preserved partially, and the inner surface is abraded. The vessel was made of a fabric that contains a relatively high amount of organic and chamotte temper. Coarse sand is also visible, but rather as a natural component of the clay raw material.

Based on the presence of two distinct protrusions connected with the eyebrows, which resemble horns, the representation from Biskupice can be regarded as one of the so-called “mixed creatures” – term used for the representations with human traits, which are sup-

plemented with stylistic elements that resemble animal features – for example, horn-like protrusions (Becker 2011, 119). Vessels with representations of “mixed creatures” (in German “Mischwesen”, *ibidem*) spread from middle Germany through the Czech Republic to Austria (Fig. 9) are dated to the Music-Note phase, as well as to the Želiezovce style/phase/group. Until now, from the territory of Poland and Slovakia, such creatures were only known from two settlements: Żegotki (Fig. 10: 1; Czerniak 1998, fig. 6) and Spišský Hrhov (Soják 2000, tab. 32).

## 4. THE STYLISTIC FEATURES OF THE HUMAN FACE MOTIF FROM BISKUPICE

### 4.1. Materials and methods

The stylistic analysis of the human face motif from Biskupice, presented in the context of other LBK and ALPC face vessel finds, aims to reveal which Central European pottery tradition has the greatest influence on the style of the find from Biskupice. In order to reach this goal, a multivariate analysis was carried out. It was based on multiple variables,



Fig. 9. Distribution of the “mixed creatures” face vessels in Europe (prepared by: M. Korczyńska). For site designations see Table 1

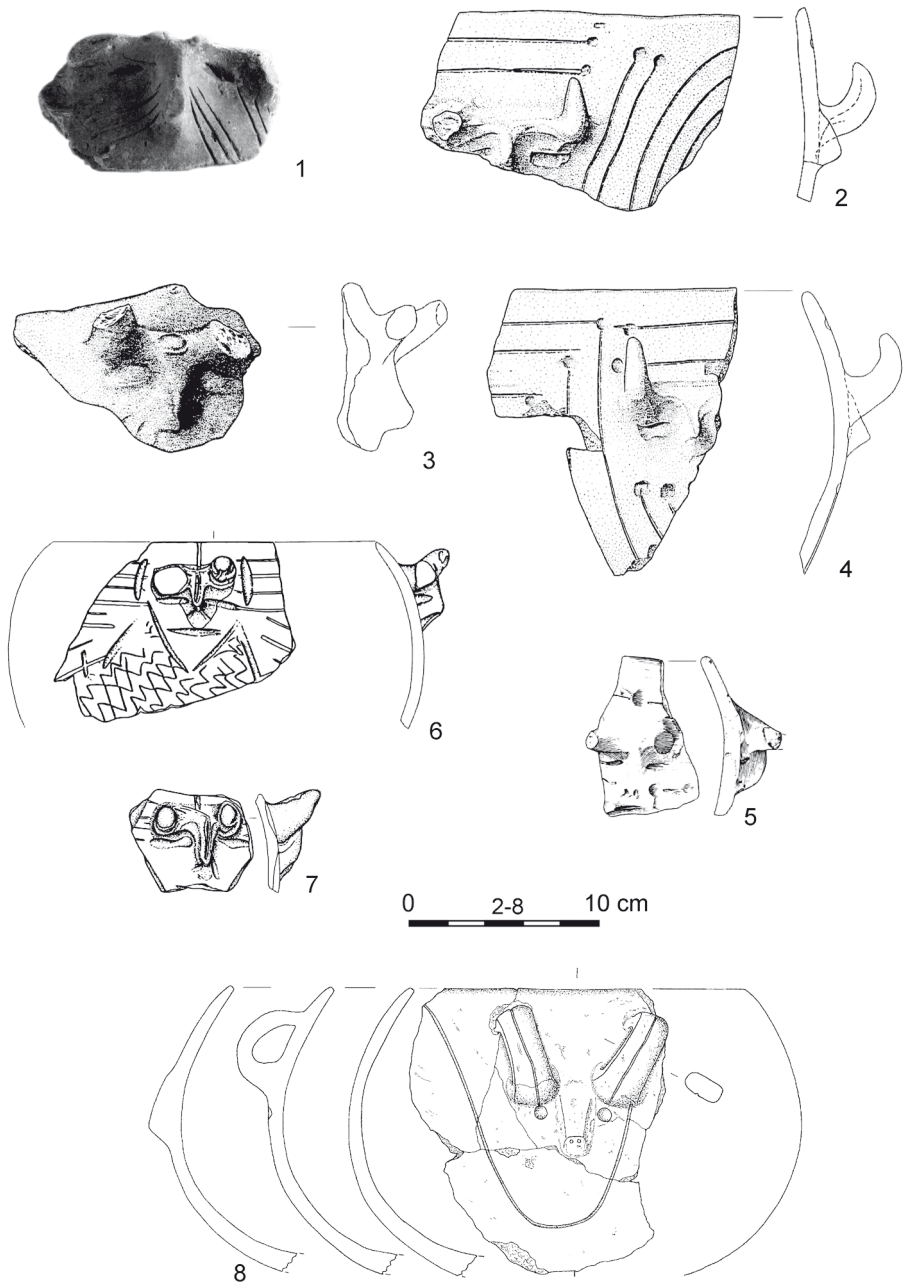


Fig. 10. Examples of face vessels supplemented by horn-like protrusions: 1 – Żegotki (no scale); 2-4 – Pulkau; 5 – Mohelnice; 6-7 – Spišský Hrhov and 8 – Mügeln (after: Becker 2011, figs. 67-68; Conrad *et al.* 2012, fig. 7; Czerniak 1997, fig. 6; prepared by: M. Korczyńska)

which reflect the style of the face representations. For this purpose, a database of 130 LBK and ALPC face vessels was compiled (Tab. 1). In addition, one face vessel with protrusions (Pavlů and Šumberová 2017) from the Stroke Ornamented Ware culture was also included in the dataset. In order to keep the formal coherency of the data, solid figurines were not taken into consideration. The dataset is based on the catalogues of V. Becker (2011) and H. Schwarzberg (2011). However, it was complemented by finds acquired in the last 10 years (mostly from the area of the ALPC). It includes only representations in which the degree of fragmentation allows the determination of the type of so-called “facial field” (in German “Gesichtsfeld”, Schwarzberg 2011, fig. 2), and thus a classification of the facial elements within. Basically, for the classification of particular elements of the representations, the typology developed by H. Schwarzberg (2011) was implemented. For example, the main motif in relation to finds from the Rhine area was, according to Schwarzberg, included in the group of M-motifs, although it was described by V. Becker as a U-motif. Additionally, the typology was complemented by a few additional categories (types), which were not included in Schwarzberg’s original grouping. In such cases, new variables were included in a descriptive way (see Tab. 1. Suppl., *e.g.*, concerning a possible hair style). Furthermore, in some disputable cases, it was decided to assign the face elements to a slightly different class than the one proposed by Schwarzberg. In addition, for 19 objects, despite the presence

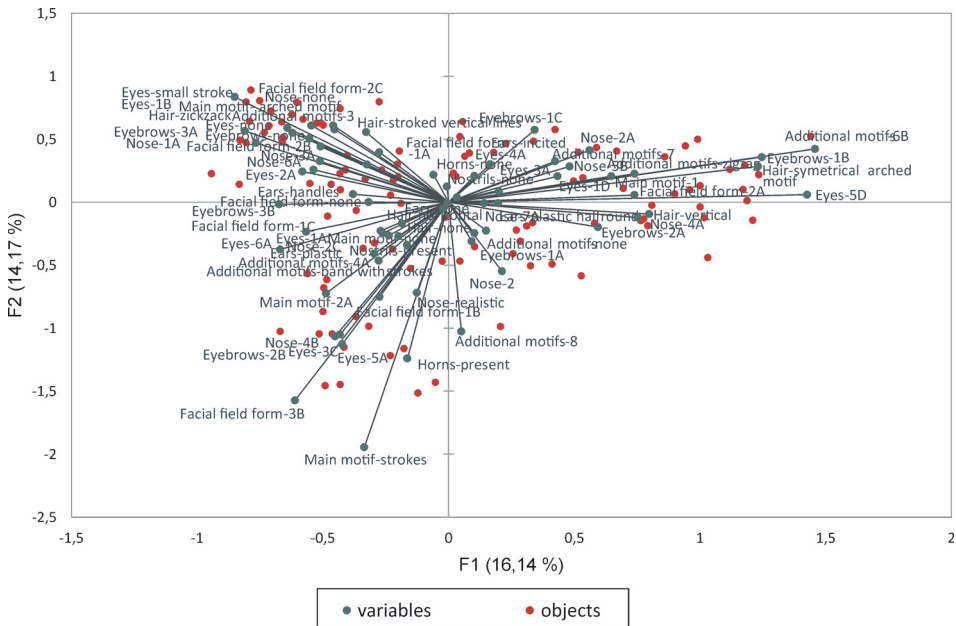


Fig. 11. Plot of the first and second dimensions of the multiple correspondence analysis (MCA) of the face vessels, according to their stylistic features (prepared by: M. Korczyńska)

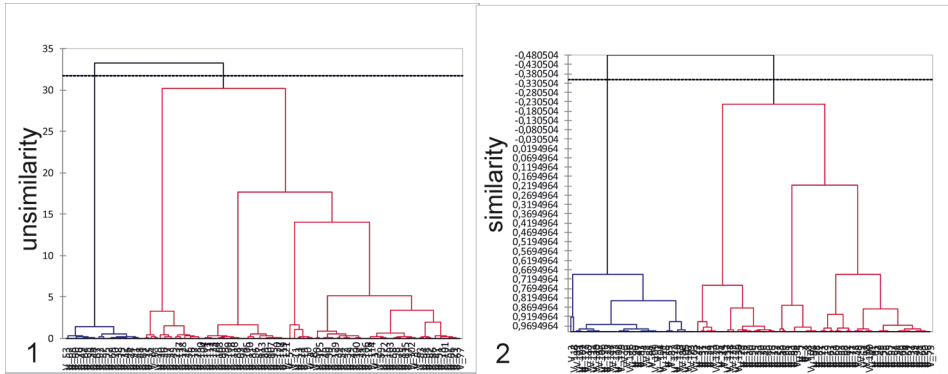


Fig. 12. Dendrograms of the hierarchical cluster analysis of face vessels, based on the relationships of unsimilarity (1) and similarity (2) among the coordinates of the objects in the geometrical space of the first three principal MCA axes (prepared by: M. Korczyńska)

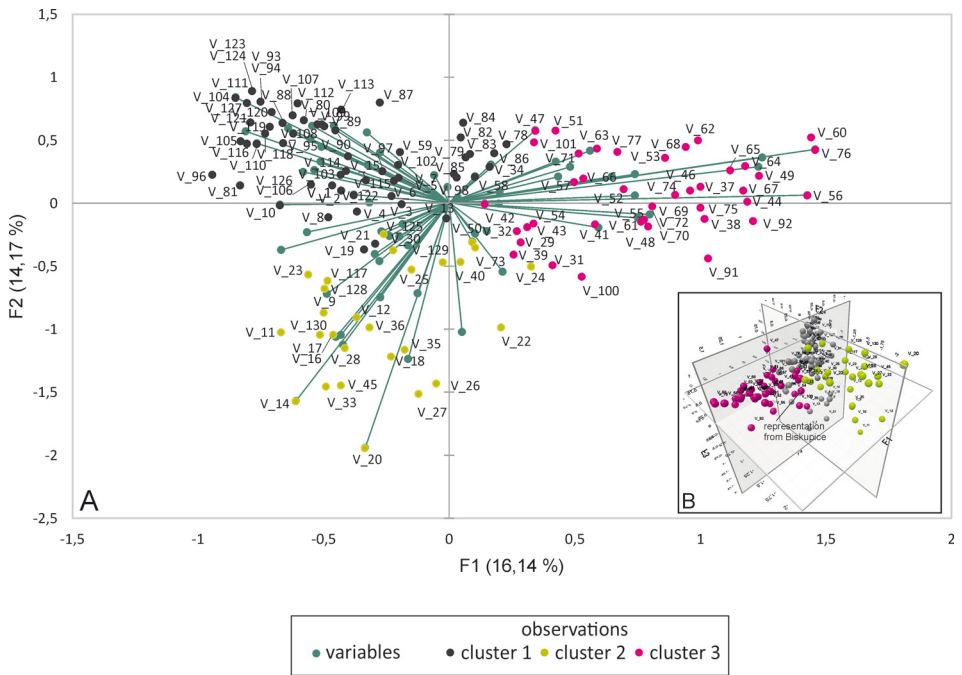


Fig. 13. Three clusters of face vessels with respect to the first and second MCA dimensions (A) and within the three-dimensional MCA plot (B) (prepared by: M. Korczyńska)





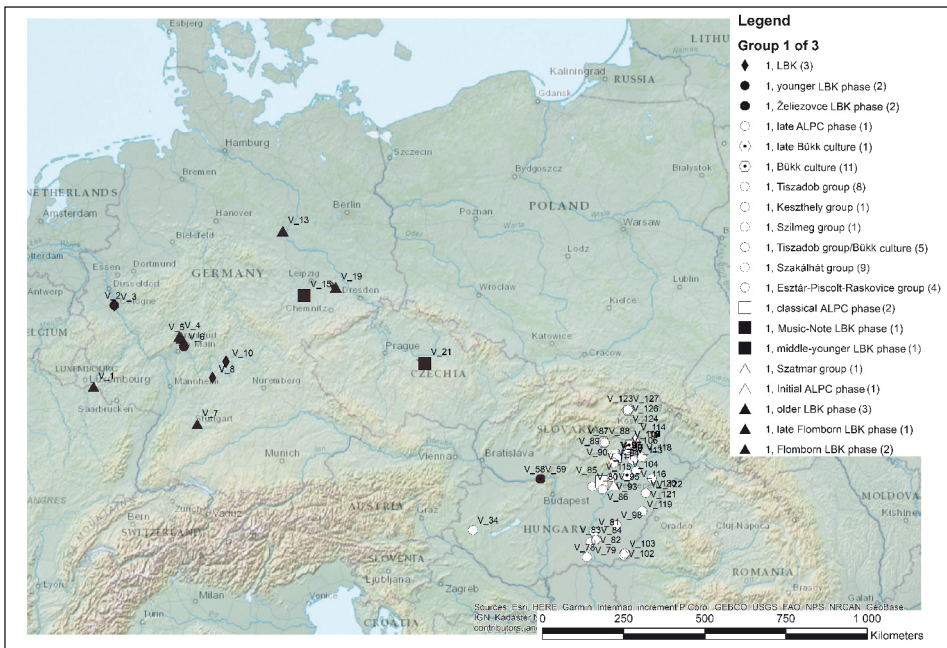


Fig. 15. Mapping of face vessels belonging to the first cluster; LBK sites marked in black, ALPC sites marked in white (prepared by: M. Korczyńska). For site designations see Table 1

30% of all cases – a common problem of the MCA performed for archaeological data – in order to increase the statistical sufficiency the third axis was included in the further analysis as well. In the next step, in the accordance with the plot of the F1, F2 and F3 principal coordinates, a k-means cluster analysis was performed to determine the number of clusters, and the evaluation of the intra-class variance of the k-means cluster analysis was conducted. Additionally, to support the decision as to the number of clusters, dendrograms of the hierarchical cluster analysis were used (Fig. 12). Finally, the clusters were pictured on the MCA plots (Fig. 13A and 13B) and the face vessels were mapped not only according to the main motif (Fig. 14) but also according to the affiliation of their k-mean cluster (Fig. 15-17, see also: Tab. 1).

#### 4.2. Results of the analysis

The variable which seems to play the most important role for the MCA structure and further indication of all three clusters, is the main motif. The test values of this variable are significant when considering the first two dimensions of almost all levels (categories) at the 0.05 level of significance. Also, some categories of the type of the nose, possible hair-

style and additional motif seem to play a significant role in determining the style of the face vessels. Along the second axis, a significant role was also played by the presence or absence of the horn-like protrusions. A graphical result of the MCA forms an arc-shaped layout in the plot of first two dimensions (Fig. 11 and 13). Although the so-called arc effect is characteristic for data with patterned continuity between objects and variables (Zimmermann 1997, 10-14; for an example of application see: Mrówka 2011) the immediate interpretation of the plot in the sense of chronological diversification in our case is rather problematic. Accidental stylistic similarities of diachronous face vessels clustered in the 1<sup>st</sup> quarter of the plot (see: below) might cause a spurious correlation and influence the outcome. As a result of the hierarchical cluster analysis, two or possibly three clades could be distinguished (Fig. 12). The k-means analysis suggests the division of objects into two (intra-class variance 0.711) or alternatively three (intra class-variance 0.442) clusters as well (Fig. 13). As the plot of two clusters, based on the k-means analysis, was not satisfying from an archaeological point of view, a statistically second-best option, namely three clusters, was taken into further consideration. Although the MCA plots might be regarded as a sufficient description of the analysis (Fig. 13), for a better understanding and for a correct interpretation of the obtained clusters, the spatial information of the origin of the face vessels was also taken into account.

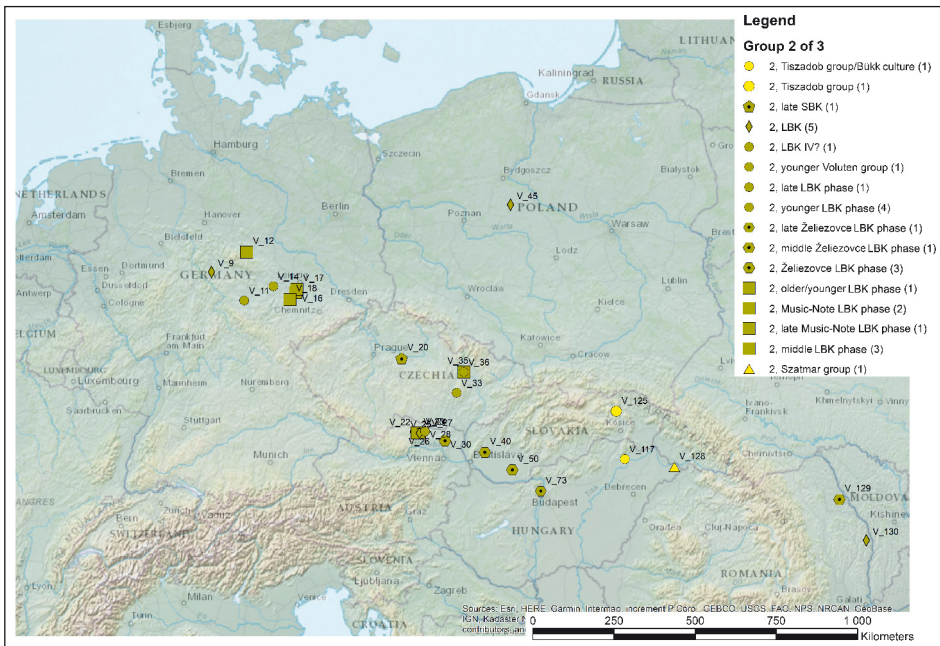


Fig. 16. Mapping of face vessels belonging to the second cluster; LBK sites marked in dark yellow, ALPC sites marked in bright yellow (prepared by: M. Korczyńska). For site designations see Table 1





of Germany, as well as every object from the Rhine area and, surprisingly, almost all ALPC artefacts (Fig. 15). Included in this cluster are also the big pots and smaller vessels of the Szakálhát group (Sebők and Kovács 2009), which due to the presence of the M-main motif, and therefore some similarity to the face vessels known from the Želiezovce phase, were nevertheless placed in the 2<sup>nd</sup> quadrant of the first two principal axes (Fig. 13: A). Most of the representations in this cluster do not have limited “facial fields” and/or plastically shaped eyebrows. Moreover, in the case of the majority of the ALPC vessels, a hypothetical coiffure is shown with stroked vertical lines, whereas groups of angular ornamentations (Schwarzberg’s Type 3) are additional motifs. The only “horned” vessel in this cluster is a disputed representation from Mügeln in Saxony (V\_19, see: mixed creature in Conrad *et al.* 2012 *versus* zoomorphic representation in Lehmann 2018, 43).

In the second cluster (3<sup>rd</sup> and 4<sup>th</sup> quadrants of the MCA plot, Fig. 13), with a few exceptions, almost all vessels from the classic LBK phase from Central Germany, the Czech Republic and Lower Austria are included (Fig. 16). Representations in this cluster have either a main motif in the form of an “U” sign (Schwarzberg’s Type 2A) or they lack any main motif at all. This cluster also includes objects with a hypothetical hair style in the form of a decoration of horizontal lines, as well as almost all of the representations of mixed creatures. Geographically, this group covers quite a large area, spreading longitudinally from Saxony-Anhalt to eastern Romania.

The third cluster is the most coherent as it consists almost exclusively of vessels of the Želiezovce phase of the LBK, with the mixed creature from Biskupice among them (Fig. 17). It consists of almost all objects located in the 4<sup>th</sup> quadrant of the first two axes of the MCA plot (Fig. 13). This group includes the vessels, which in most cases have a “facial field” in the form of an inverted triangle, depicted with the following variables according to Schwarzberg’s Types: a carved line (2A), narrow, engraved eyes (1D and 3A), straight eyebrows connected with a nose (4A) and either no main motif, or an M-motif (1). Interestingly, the vessel from Biskupice (V\_100) and two other objects from Spišský Hrhov (V\_91 and V\_92) are the only examples of “mixed creatures” in this cluster.

## 5. DISCUSSION AND CONCLUSIONS

The representation from Biskupice contains both human and animal features, and thus belongs to the type of the so-called “mixed creatures” (after Becker 2011 type 4.2). In most cases of this type, zoomorphic features are represented by horns. Representations of horns appear frequently in connection with cattle, and probably the first association are bucrania and the famous wall paintings in the so-called communal spaces of Çatalhöyük (*e.g.*, Hodder 2006; Twiss and Russel 2010). During the transition of the Starčevo/Körös culture to the LBK/ALPC, the motif of a sheep/goat was replaced by that of a bull (Raczky *et al.* 2010, 160-161). This transition may also be related to the increasing role of bovines



in animal husbandry (*ibidem*; Bánffy 2019, 87-113). As a consequence, there are zoomorphic bull figurines known already from an older phase of the ALPC (*i.e.*, Polgár-Ferenci-hát grave, Raczky and Anders 2018, 323-324, fig. 3: 2), and so-called centaur figurines found in the Körös culture sites in north-west Hungary, also known as “Horns of Consecration” in the Central Hungarian Plain (*ibidem*). The significant role of cattle is also reflected in the ornamentation of the vessel of the earliest ALPC site, Košice-Červený rak, in eastern Slovakia, recalling a human-animal (bull) hybrid (Kaminská *et al.* 2008, 85-86, fig. 7-8). This phenomenon occurred simultaneously with the northward spread of the Neolithic lifeway into its “marginal zones” (Kalicz and Raczky 1982). In this context, the lack of face vessels with horns in the territory of the ALPC (Fig. 10) is an interesting phenomenon. It is uncertain what kind of ideological factor might be responsible for the spatial and chronological limitation of the quadrupedal figurines with human faces, which are restricted only to the early phases of the ALPC (for the compilation of this representation type see: Becker 2011, 269-70), and the complete absence of human representations with horns in this cultural milieu.

In turn, in the LBK, among zoomorphic figural vessels and handles, bovids form a substantial group (see: Becker 2007), as demonstrated by handles from Šturovo and Straubing-Lerchenhaid (Becker 2007, 25, 28). Knobs resembling cattle horns also appear on vessels with representations of mixed features. Their human-like faces correspond well with the stylistic details of the anthropomorphic representations, and, apart from horns, they only seldom include motifs known from zoomorphic objects, like a piercing on the head. Aside from the aforementioned centaur figurines, such a feature appeared, for example, between the “horns” of the mixed creature vessel from Pulkau (V\_28, Fig. 10: 3; Becker 2011, 481, fig. 67: 3). For that reason, these are usually studied together with the purely anthropomorphic representations, and interpretations of these vessels are strongly connected to those of typical anthropomorphic representations.

The diversification of the LBK and the ALPC is visible not only in the distribution of the mixed creatures with horn-liked protrusions, but also in the general stylistic identity of the face vessels. Multivariate analysis confirmed the crucial role of the main motifs in research on the stylistic differentiation of the analysed objects. However, in some cases, the combination (presence or absence) of other variables seems to be even more significant for constructing the clusters. The anthropomorphic vessels of the Szakálhát group might be used as an example. Based on the second motif and nose-type, despite the presence of the main M-motif, they are clustered together with other ALPC artefacts (Fig. 15). The assignment of the vessel from Biskupice to the third cluster is quite convincing, as this cluster incorporates almost all of the face vessels dated to the Želiezovce phase of the LBK. Moreover, the stylistic analysis of ornamented pottery fragments deposited in pit no. 25 shows strong similarities with the “standard” pottery found at the sites of this group (*e.g.*, Bajč or Šturovo, Pavúk 1969, fig. 31, 49: 1, 4, 5). Territorially, this cluster is most compact, unlike the previous ones, which generally spread over multiple regions, where the majority of

figural representations of both the LBK and the ALPC have been found. Let us recall in this context, that, according to the opinion of some authors, the spatial variability in the appearance of the main (mainly M and arch) motifs mirrors regional identities (Raczky and Anders 2003, 170; Schwarzberg 2011, 186). On the other hand, while face vessels with an M-motif from the Želiezovce phase concentrate in the region of Transdanubia, representations of mixed creatures are more common at Lower Austria and Moravia. So, the vessel from Biskupice, due to its syncretic manner, is an exceptional example of the influences from both regions, where the occurrence of a mixed creature has been included in the canon of the Želiezovce style. Certainly, the LBK, during the development of the Želiezovce phase/style, drew ideas, knowledge and information from neighbouring territories (Rauba-Bukowska and Czekaj-Zastawny 2020). Hence, the details of the face vessel from Biskupice can be also observed in other areas and in slightly different cultural environments. In its third stage of development, the LBK was characterized by extremely developed inter-regional contacts, as evidenced by the presence of imported pottery and raw stone materials (Czekaj-Zastawny 2017).

For now, we do not wish to speculate about the social meaning and the role of the face vessel from Biskupice. Given the plethora of interpretive theories on the subject, such considerations would be premature before detailed evaluation of both the artefact and the site are complete. Therefore, future work shall include a comprehensive study of the vessel from Biskupice within its archaeological context. The clay raw materials and the technology used will be studied from a mineralogical and petrographic point of view to enhance the knowledge about the provenance of the vessel (local *versus* import). An attempt will be made to determine substances stored in the pot using lipid residue analysis. Also, the context of its deposition will be analysed by conducting a microstratigraphic study of feature no. 25. In conjunction with the results of the present stylistic analysis, these investigations will hopefully advance the discussion on the symbolic function of this exceptional find – a key topic in the discussion of figural representations in the Neolithic – and will also contribute to the understanding of interregional contacts maintained by the inhabitants of the settlement at Biskupice.

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**Table 1.** Catalogue of the LBK and ALPC face vessels in Central Europe. Prepared by: M. Korczyńska. Table provides a selection of the dataset. The complete version of this table is included as an electronic supplementary material (Tab. 1. Suppl.)

ID	Site	N	E	Chronology	Literature	Cluster analysis three classes
V_1	Remerschen-Schengenwis	49°29'22.0"N	6°21'08.3"E	Flomborn LBK phase	Becker 2011, Taf. 75.1; Schwarzborg 2011, 125.2	1
V_2	Köln-Lindenthal -1	50°55'34"N	6°55'34"E	younger LBK phase	Becker 2011, Taf. 75.5; Schwarzborg 2011, 125.5	1
V_3	Köln-Lindenthal -2	50°55'34"N	6°55'34"E	LBK	Becker 2011, Taf. 75.7	1
V_4	Bad Nauheim-Nieder Mörlen	50°22'51"N	8°43'34"E	late Flomborn LBK phase	Schwarzborg 2011, Taf. 124.4	1
V_5	Friedberg-Dorheim	50°20'57"N	8°47'22.3"E	older LBK phase	Becker 2011, Taf. 58.2; Schwarzborg 2011, Taf. 122.1c	1
V_6	Schöneck-Kiliansstädten	50°12'5"N	8°51'13"E	younger LBK phase	Becker 2011, Taf. 75.2; Schwarzborg 2011, Taf. 125.1	1
V_7	Stuttgart-Bad Cannstatt	48°48'39"N	9°13'29.8"E	Flomborn LBK phase	Becker 2011, Taf. 58.1; Schwarzborg 2011, Taf. 122.1a-b	1
V_8	Acholshausen	49°38'43"N	9°38'43"E	LBK	Becker 2011, Taf. 73.2; Schwarzborg 2011, Taf. 126.2	1
V_9	Göttingen	51°32' 2"N	9°56'8"E	LBK	Becker 2010, Taf. 73.1; Schwarzborg 2011, Taf. 124.2	2
V_10	Hausen	49°56'0"N	10°1'0"E	LBK	Becker 2011, Taf. 58.3; Schwarzborg 2011, Taf. 123.2	1
V_11	Kleinfahner	51°2'15"N	10°50'42"E	younger LBK phase	Becker 2011, Taf. 59.1; Schwarzborg 2011, Taf. 123.3	2
V_12	Derenburg	51°52'15"N	10°54'30"E	older/younger LBK phase	Becker 2011, Taf. 60.1; Schwarzborg 2011, Taf. 124.1	2
V_13	Bafrleben	52°12'19.2"N	11°35'25.0"E	older LBK phase	Becker 2011, Taf. 59.2; Schwarzborg 2011, Taf. 123.3	1
V_14	Karsdorf	51°16'59"N	11°39'0"E	younger LBK phase	Meller 2012: 174	2
V_15	Draschwitz	51°6'1"N	12°10'56"E	middle-younger LBK phase	Becker 2011, Taf. 66.4; Schwarzborg 2011, Taf. 125.9	1
V_16	Zauschwitz	51°10'49.9"N	12°15'48.2"E	middle LBK phase	Becker 2011, Taf. 66.3; Schwarzborg 2011, Taf. 125.4	2
V_17	Eythra	51°14'0"N	12°18'0"E	middle LBK phase	Lehmann 2019, Taf.11.3	2

V_18	Grana-Kleinosida	51°3'19"N	12°6'19"E	middle LBK phase	Schwarzberg 2011, Taf.125:6	2
V_19	Mügelh	51°14'17.6"N	13°03'33.4"E	older LBK phase	Conrad, Conrad, Ender, Herbig, Homann 2012, Abb.7	1
V_20	Kolín	50°0'1'00"N	15°12'00"E	late SBK	Pavlu, Šumberová 2017, Fig. 6.2, 6.3	2
V_21	Močovice	49°54'23"N	15°30'54"E	Music-Note LBK phase	Becker 2011, Taf. 60.3; Schwarzberg 2011, Taf. 119.1a-b	1
V_22	Poigen	48°41'44"N	15°33'57"E	late LBK phase	Becker 2011, Taf. 67.1; Schwarzberg 2011, Taf. 115.1	2
V_23	Fraunhofen - Ried Milchtaschen	48°40'24"N	15°37'50"E	Music-Note LBK phase	Becker 2011, Taf. 61.2; Schwarzberg 2011, Taf. 118.3	2
V_24	Breitenreich -1	48°40'27.07"N	15°41'34"E	late Music-Note LBK phase	Becker 2011, Taf. 61.1; Schwarzberg 2011, Taf. 119.2	2
V_25	Breitenreich -2	48°40'27.07"N	15°41'34"E	LBK	Becker 2011, Taf. 72.4	2
V_26	Pulkau -1	48°42'0"N	15°51'0"E	younger LBK phase	Becker 2010, Taf. 67.4; Schwarzberg 2011, Taf. 117.2	2
V_27	Pulkau -2	48°42'0"N	15°51'0"E	LBK	Becker 2011, Taf. 68.1; Schwarzberg 2011, Taf. 117.3	2
V_28	Pulkau -3	48°42'0"N	15°51'0"E	younger LBK phase	Becker 2011, Taf. 67.3; Schwarzberg 2011, Taf. 121.4	2
V_29	Ziersdorf	48°31'42.42"N	15°55'37.2"E	middle-late LBK phase	Becker 2011, Taf. 56.5; Schwarzberg 2011, Taf. 114.4	3
V_30	Thomasl	48°31'53.6"N	16°23'54.0"E	Želiezovce LBK phase	Becker 2011, Taf. 54.1; Schwarzberg 2011, Taf. 113.1	2
V_31	Ulrichskirchen	48°24'0"N	16°29'0"E	LBK	Becker 2010, Taf. 71.2	3
V_32	Draßburg - Taborac	47°44'46"N	16°29'17"E	Želiezovce LBK phase	Becker 2011, Taf. 72.7; Schwarzberg 2011, Taf. 112.2	3
V_33	Vavřinec - Koňská Jáma	49°24'9"N	16°43'11"E	younger LBK - Voluten group	Becker 2011, Taf. 62.1; Schwarzberg 2011, Taf. 119.1	2
V_34	Zalaezerszeg- Andráshida	46°50'21"N	16°51'4"E	Keszthely LBK group	Becker 2011, Taf. 55.2; Schwarzberg 2011, 83.3	1
V_35	Mohelnice -1	49°46'36.5"N	16°55'7"E	Music-Note LBK phase	Becker 2011, Taf. 68.2	2
V_36	Mohelnice -2	49°46'36.5"N	16°55'7"E	LBK IV?	Becker 2011, Taf. 75.3	2
V_37	Keszthely	46°45'55.2"N	17°14'34.19"E	late Želiezovce LBK phase	Becker 2011, Taf. 62.3	3
V_38	Blatné	48°15'56"N	17°25'15"E	Želiezovce LBK phase	Becker 2011, Taf. 70.1	3
V_39	Cifer-Pác -1	48°19'0"N	17°30'0"E	Želiezovce LBK phase	Becker 2011, Taf. 64.1; Schwarzberg 2011, Taf. 112.1	3

ID	Site	N	E	Chronology	Literature	Cluster analysis three classes
V_40	Cífer-Pác -2	48°19'0"N	17°30'0"E	Želiezovce LBK phase	Becker 2011, Taf. 70.4	2
V_41	Győr -1	47°41'0"N	17°38'0"E	late Želiezovce LBK phase	Becker 2011, Taf. 69.7; Schwarzborg 2011, Taf. 85.4	3
V_42	Győr -2	47°41'0"N	17°38'0"E	Želiezovce LBK phase	Becker 2011, Taf. 69.8	3
V_43	Balatonszárszó	46°49'33"N	17°50'5"E	Želiezovce LBK phase	Becker 2011, Taf. 69.1; Schwarzborg 2011, Taf. 84.1	3
V_44	Rákosi	46°31'1.24"N	17°55'8.76"E	late Želiezovce LBK phase	Becker 2011, Taf. 55.3; Schwarzborg 2011, 85.3	3
V_45	Žegotki -1	52°40'31"N	18°12'31"E	LBK	Czerniak 1996, ryc. 6	2
V_46	Bajč -1	47°55'0"N	18°13'0"E	late Želiezovce LBK phase	Becker 2011, Taf. 56.1; Schwarzborg 2011, Taf. 115.4	3
V_47	Bajč -2	47°55'0"N	18°13'0"E	late Želiezovce LBK phase	Schwarzborg 2011, Taf. 116.1	3
V_48	Bajč -3	47°55'0"N	18°13'0"E	late Želiezovce LBK phase	Becker 2011, Taf. 64.4	3
V_49	Iža - Velký Harcás	47°45'2"N	18°14'0"E	Želiezovce LBK phase	Schwarzborg 2011, Taf. 120.1	3
V_50	Dvory nad Žitavou	47°59'37"N	18°15'51"E	middle Želiezovce LBK phase	Schwarzborg 2011, Taf. 111.1	2
V_51	Patince	47°44'15"N	18°17'40"E	Želiezovce LBK phase	Becker 2011, Taf. 75.4; Schwarzborg 2011, Taf. 114.1	3
V_52	Muzla-Čenkov -1	47°47'32"N	18°35'52"E	Želiezovce LBK phase	Becker 2011, Taf. 63.3; Schwarzborg 2011, Taf. 116.2	3
V_53	Muzla-Čenkov -2	47°47'32"N	18°35'52"E	Želiezovce LBK phase	Becker 2011, Taf. 63.4; Schwarzborg 2011, Taf. 121.2	3
V_54	Muzla-Čenkov -3	47°47'32"N	18°35'52"E	Želiezovce LBK phase	Becker 2011, Taf. 65.1; Schwarzborg 2011, Taf. 120.7	3
V_55	Biňa	47°55'20"N	18°38'33"E	Želiezovce LBK phase	Becker 2011, Taf. 70.3; Schwarzborg 2011, Taf. 115.3	3
V_56	Velký Pesek / Sikenica - Agota Major	48°4'30"N	18°43'0"E	Želiezovce LBK phase	Becker 2011, Taf. 69.9	3
V_57	Štúrovo -1	47°47'56"N	18°43'20"E	Želiezovce LBK phase	Becker 2011, Taf. 63.1; Schwarzborg 2011, Taf. 116.3	3
V_58	Štúrovo -2	47°47'56"N	18°43'20"E	Želiezovce LBK phase	Becker 2011, Taf. 63.2; Schwarzborg 2011, Taf. 117.4	1



V_59	Štúrovo -3	47°47'56"N	18°43'20"E	Želiezovce LBK phase	Becker 2011, Taf. 70.5; Schwarzberg 2011, Taf. 121.1	1
V_60	Biatorbágy-Tyúkberek	47°28'0"N	18°50'0"E	late Želiezovce LBK phase	Becker 2011, Taf. 55.1; Schwarzberg 2011, Taf. 83.1	3
V_61	Tupá	48°7'0"N	18°54'0"E	Želiezovce LBK phase	Becker 2011, Taf. 70.2; Schwarzberg 2011, Taf. 120.3	3
V_62	Törökballint-Dulácska -1	47°26'42"N	18°55'44"E	late Noteknopi/Želiezovce LBK phase	Schwarzberg 2011, Taf. 85.1	3
V_63	Törökballint-Dulácska -2	47°26'42"N	18°55'44"E	late Noteknopi/Želiezovce LBK phase	Schwarzberg 2011, Taf. 85.2	3
V_64	Budapest-Aranyhegyi -1	47°34'45.0"N	19°01'48.2"E	Želiezovce LBK phase	Becker 2011; Schwarzberg 2011	3
V_65	Budapest-Aranyhegyi -2	47°34'45.0"N	19°01'48.2"E	Želiezovce LBK phase	Becker 2010; Schwarzberg 2011	3
V_66	Budapest-Aranyhegyi -3	47°34'45.0"N	19°01'48.2"E	Želiezovce LBK phase	Becker 2011; Schwarzberg 2011	3
V_67	Budapest-Békásmegyér -1	47°36'0"N	19°3'0"E	late Želiezovce LBK phase	Becker 2011, Taf. 54.2; Schwarzberg 2011, Taf. 83.2	3
V_68	Budapest-Békásmegyér -2	47°36'0"N	19°3'0"E	late Želiezovce LBK phase	Becker 2011, Taf. 55.4	3
V_69	Budapest-Békásmegyér -3	47°36'0"N	19°3'0"E	late Želiezovce LBK phase	Becker 2011, Taf. 55.5	3
V_70	Budapest-Békásmegyér -4	47°36'0"N	19°3'0"E	late Želiezovce LBK phase	Becker 2010, Taf. 55.6	3
V_71	Budapest-Békásmegyér -5	47°36'0"N	19°3'0"E	late Želiezovce LBK phase	Becker 2011, Taf. 69.4; Schwarzberg 2011, Taf. 84.5	3
V_72	Budapest-Békásmegyér -6	47°36'0"N	19°3'0"E	late Želiezovce LBK phase	Becker 2011, Taf. 69.5; Schwarzberg 2011, Taf. 84.10	3
V_73	Budapest-Békásmegyér -7	47°36'0"N	19°3'0"E	late Želiezovce LBK phase	Becker 2011, Taf. 61.4; Schwarzberg 2011, Taf. 84.9	2
V_74	Szécsény -1	48°5'0"N	19°31'0"E	Želiezovce LBK phase	Becker 2011, Taf. 57.1	3
V_75	Szécsény -2	48°5'0"N	19°31'0"E	Želiezovce LBK phase	Becker 2011, Taf. 57.2	3
V_76	Szécsény -3	48°5'0"N	19°31'0"E	Želiezovce LBK phase	Becker 2011, Taf. 57.3	3
V_77	Szécsény -4	48°5'0"N	19°31'0"E	Želiezovce LBK phase	Becker 2011, Taf. 65.1	3
V_78	Csanylelek-Ujhalmató -1	46°19'19"N	20°00'19"E	ALPC, Szakállhát group	Becker 2011, Taf. 177.4; Schwarzberg 2011, Taf. 89.3	1
V_79	Csanylelek-Ujhalmató -2	46°36'22.28"N	20°06'17.29"E	ALPC, Szakállhát group	Becker 2011, Taf. 178.5; Schwarzberg 2011, Taf. 86.1	1

ID	Site	N	E	Chronology	Literature	Cluster analysis three classes
V_80	Tamára-Cselőháza	47°39'22"N	20°09'29"E	late ALPC	Schwarzberg 2011, Taf. 79.2	1
V_81	Szelevény-Felsőfőldék	46°48'07"N	20°12'04"E	ALPC, Esztár-Piscolt-Raskovice group	Becker 2010, Taf. 176.6; Schwarzberg 2011, Taf. 81	1
V_82	Szentes-Ilonapart	46°39'16"N	20°14'25"E	Szakállhát group	Becker 2010, Taf. 178.2	1
V_83	Szentes-Jakorpárt	46°39'16"N	20°14'25"E	ALPC, Szakállhát group	Schwarzberg 2011, Taf. 91	1
V_84	Szentes-Komitatshaus	46°39'13"N	20°16'03"E	ALPC, Szakállhát group	Becker 2011, Taf. 178.3; Schwarzberg 2011, Taf. 90	1
V_85	Fűzsabony-Ketőshalom	47°45'00"N	20°25'00"E	classical ALPC phase	Becker 2011, Taf. 176.4; Schwarzberg 2011, Taf. 89.1	1
V_86	Kömlő	47°36'04"N	20°26'28"E	ALPC, Szakállhát group	Becker 2011, Taf. 177.3	1
V_87	Domica cave -1	48°28'39"N	20°28'10.06"E	ALPC, Bükk culture	Becker 2011; Schwarzberg 2011	1
V_88	Domica cave -2	48°28'39"N	20°28'10.06"E	ALPC, Bükk culture	Becker 2011; Schwarzberg 2011	1
V_89	Aggtelek cave -1	48°28'16.5"N	20°29'51"E	ALPC, Tiszadob group	Schwarzberg 2011, Taf. 78.7	1
V_90	Aggtelek cave -2	48°28'16.5"N	20°29'51"E	ALPC, Tiszadob group	Schwarzberg 2011, Taf. 79.9	1
V_91	Spíšký Hrhov -1	49°00'00"N	20°38'30"E	Želiezovce LBK phase	Becker 2011, Taf. 68.3; Schwarzberg 2011, Taf. 118.1	3
V_92	Spíšký Hrhov -2	49°00'00"N	20°38'30"E	Želiezovce LBK phase	Becker 2011, Taf. 68.4; Schwarzberg 2011, Taf. 118.2	3
V_93	Mezőkeresztes-Cet-halom	47°49'49"N	20°41'22"E	ALPC, Tiszadob group/Bükk culture	Csengeri 2014, fig.8.2	1
V_94	Miskolc-ALDI	48°05'50"N	20°44'53"E	ALPC, Tiszadob group/Bükk culture	Csengeri 2014, fig.9.4	1
V_95	Tiszavalk-Négyes	47°41'18"N	20°44'58"E	ALPC, Szatmar group	Becker 2011, Taf. 176.2; Schwarzberg 2011, Taf. 78.4	1
V_96	Sajószentpéter I	48°13'02"N	20°46'53"E	classical ALPC phase	Becker 2011, Taf. 176.3	1
V_97	Sajószentpéter-Kövecses	48°13'02"N	20°46'53"E	ALPC, Bükk culture	Schwarzberg 2011, Taf. 93.5	1
V_98	Gyoma-Ózced	46°56'10"N	20°49'025"E	ALPC, Szakállhát group	Becker 2011, Taf. 177.2; Schwarzberg 2011, Taf. 86	1
V_99	Sajóvámos	48°11'29"N	20°49'54"E	ALPC, Tiszadob group/Bükk culture	Csengeri 2014, fig.7.4	1
V_100	Biskupice	49°57'35"N	20°7'28"E	Želiezovce LBK phase		3

V_101	Battonya-Gödrösök	46°17'0"N	21°01'00"E	ALPC, Szakálhát group	Becker 2011, Taf. 177.1; Schwarzberg 2011, Taf. 89.1	3
V_102	Battonya-Vid	46°21'42"N	21°01'15"E	ALPC, Szakálhát group	Becker 2011, Taf. 178.1	1
V_103	Battonya-Parázs tanya	46°23'42"N	21°03'15"E	ALPC, Szakálhát group	Becker 2011, Taf. 178.4	1
V_104	Polgár-Nagy-Kasziba	47°52'02"N	21°07'00"E	ALPC, late Bükkk culture	Raczky/Anders 2003, 159, 162 u. 161 Abb. 3.7; Schwarzberg 2011, Taf. 93.1	1
V_105	Encs-Kelecsény -1	48°19'42"N	21°07'15.2"E	ALPC, Tiszadob group/Bükkk culture	Csengeri 2014, fig.6.4	1
V_106	Encs-Kelecsény -2	48°19'42"N	21°07'15.2"E	ALPC, Tiszadob group/Bükkk culture	Csengeri 2014, fig.9.5	1
V_107	Garadna-Elkertülő út -1	48°25'07"N	21°10'29"E	ALPC, Bükkk culture	Csengri 2011, fig.1.2,3	1
V_108	Garadna-Elkertülő út -2	48°25'07"N	21°10'29"E	ALPC, Bükkk culture	Csengri 2011, fig.4	1
V_109	Garadna-Elkertülő út -3	48°25'07"N	21°10'29"E	ALPC, Bükkk culture	Csengri 2011, fig.8.1	1
V_110	Garadna-Elkertülő út -4	48°25'07"N	21°10'29"E	ALPC, Bükkk culture	Csengri 2011, fig.8.2	1
V_111	Garadna-Elkertülő út -5	48°25'07"N	21°10'29"E	ALPC, Bükkk culture	Csengri 2011, fig.8.3	1
V_112	Garadna-Elkertülő út -6	48°25'07"N	21°10'29"E	ALPC, Bükkk culture	Csengri 2011, fig.8.4	1
V_113	Mezőmbor-Temető	48°08'54"N	21°16'07"E	ALPC, Tiszadob group	Becker 2011, Taf. 179.2; Schwarzberg 2011, Taf. 80.1	1
V_114	Kéked-Hosszúfűldek	48°32'45"N	21°20'45"E	initial phase Alföld LBK (ALPC I)	Csengri 2018, Tab.2.2	1
V_115	Tiszavasvári-Keresztfal	47°57'08"N	21°22'18"E	ALPC, Tiszadob group	Schwarzberg 2011, Taf. 78.10	1
V_116	Tiszavasvári-Paptelekhat	47°57'08"N	21°22'18"E	ALPC, Tiszadob group	Schwarzberg 2011, Taf. 78.12	1
V_117	Szegi-Ády Endre	48°11'42"N	21°22'35"E	ALPC, Tiszadob group/Bükkk culture	Csengeri 2014, fig.7.6	2
V_118	Kenezlő-Fazekaszug	48°11'53"N	21°31'46"E	ALPC, Tiszadob group	Becker 2011, Taf. 179.1	1

ID	Site	N	E	Chronology	Literature	Cluster analysis three classes
V_119	Berettyószentmárton-Morotva	47°11'53"N	21°32'18"E	ALPC, Esztár-Piscolt-Raskovice group	Becker 2011, Taf. 176.7; Schwarzberg 2011, Taf. 82.1	1
V_120	Debrecen-Tócspart	47°32'0"N	21°38'00"E	ALPC, Esztár-Piscolt-Raskovice group	Becker 2011, Taf. 176.8; Schwarzberg 2011, Taf. 82.4	1
V_121	Tiszaigár-Homokbánya	47°32'0"N	21°38'00"E	ALPC, Esztár-Piscolt-Raskovice group	Becker 2011, Taf. 176.10	1
V_122	Szilmege, Polgár-Folyás	47°48'33"N	21°48'21"E	ALPC, Szilmege group	Becker 2011, Taf. 176.5	1
V_123	Šarišské Michaľany -1	49°49"N	21°8'14"E	ALPC, Bükk culture	Becker 2011, Taf. 179.7; Schwarzberg 2011, Taf. 114.2	1
V_124	Šarišské Michaľany -2	49°49"N	21°8'14"E	ALPC, Tiszadob group	Schwarzberg 2011, Taf. 114.3	1
V_125	Šarišské Michaľany -3	49°49"N	21°8'14"E	ALPC, Tiszadob group	Becker 2011, Taf. 179.5; Schwarzberg 2011, Taf. 115.2	2
V_126	Šarišské Michaľany -4	49°49"N	21°8'14"E	ALPC, Tiszadob group	Becker 2011, Taf. 179.4; Schwarzberg 2011, Taf. 121.7	1
V_127	Šarišské Michaľany -4	49°49"N	21°8'14"E	ALPC, Bükk culture	Becker 2011, Taf. 179.6	1
V_128	Sonkád „Új Élet“	48°3'0"N	22°45'0"E	ALPC, Szatmar group	Becker 2011, Taf. 176.1; Schwarzberg 2011, Taf. 78.6	2
V_129	Iacobeni	47°26'35"N	27°19'08"E	Želiezovce LBK phase	Becker 2011, Taf. 61.3; Schwarzberg 2011, Taf. 98.2	2
V_130	Huși	46°40'27"N	28°3'35"E	LBK	Becker 2011, Taf. 72.8; Schwarzberg 2011, Taf. 98.1	2

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## Supplement

Korczyńska M., Kenig R., Nowak Marek, Czekał-Zastawny A., Nowak Maciej and Moskal-del Hoyo M. 2021. Linear Pottery culture face vessel from the site Biskupice 18, southern Poland. *Sprawy Archeologiczne* 73/1,

**Table 1.** Catalog of the LBK and ALPC face vessels in Central Europe. Prepared: M. Korczyńska

ID	Site	N	E	Culture	Fine Chronology	Facial field form	Eyes	Eyebrows	Nose	Nostrils	Mouth	Ears	Hair	Main motif	Additional motifs	"Horns"	Other body parts	Additional Zoomorphic elements	Vessel type	Literature	Cluster analysis two classes	Cluster analysis three classes	Comments
V_1	Remerschen-Schengerwis	49°29'22.0"N	6°21'08.3"E	LBK	Flomborn phase	none	none	none	6A	none	none	none	none	none	none	none	none	none	Schale/Kumpf	Becker 2011, Taf. 75.1; Schwarzberg 2011, 125.2	1	1	
V_2	Köln-Lindenthal -1	50°55'34"N	6°55'34"E	LBK	younger phase	none	2A	none	3A	none	1B	none	none	none	none	none	none	none	Schale/Kumpf	Becker 2011, Taf. 75.5; Schwarzberg 2011, 125.5	1	1	
V_3	Köln-Lindenthal -2	50°55'34"N	6°55'34"E	LBK	LBK	none	none	2A	3A	none	1B	none	none	none	none	none	none	none	Unbestimmt	Becker 2011, Taf. 75.7	1	1	
V_4	Bad Nauheim-Nieder Mörlen	50°22'51"N	8°43'34"E	LBK	late Flomborn phase	none	1D	none	3A	none	none	none	none	2A	4A	none	none	none	Flasche	Schwarzberg 2011, Taf. 124.4	1	1	
V_5	Friedberg-Dorheim	50°20'57"N	8°47'22.3"E	LBK	older phase	1A	1A	none	6A	none	none	incited	none	1	4A	none	none	none	Flasche	Becker 2011, Taf. 58.2; Schwarzberg 2011, Taf. 122.1c	1	1	
V_6	Schöneck-Kilianstädten	50°12'5"N	8°51'13"E	LBK	younger phase	none	3A	none	3A	none	none	none	none	none	none	none	none	none	Schale/Kumpf	Becker 2011, Taf. 75.2; Schwarzberg 2011, Taf. 125.1	1	1	
V_7	Stuttgart-Bad Cannstatt	48°48'39"N	9°13'29.8"E	LBK	Flomborn phase	1A	1A	none	6A	none	none	incited	none	1	4A	none	none	none	Flasche	Becker 2011, Taf. 58.1; Schwarzberg 2011, Taf. 122.1a-b	1	1	
V_8	Acholshausen	49°38'43"N	9°38'43"E	LBK	LBK	none	3A	none	6A	none	2A	none	none	2A	4A	none	none	none	Unbestimmt	Becker 2011, Taf. 73.2; Schwarzberg 2011, Taf. 126.2	1	1	
V_9	Göttingen	51°32' 2"N	9°56'8"E	LBK	LBK	none	3A	2B	4B	none	none	none	none	2A	4A	none	none	none	Flasche	Becker 2011, Taf. 73.1; Schwarzberg 2011, Taf. 124.2	2	2	
V_10	Hausen	49°56'0"N	10°1'0"E	LBK	LBK	none	1A	3B	3A	none	?	none	horizontal	2A	3	none	none	none	Flasche	Becker 2011, Taf. 58.3; Schwarzberg 2011, Taf. 123.2	1	1	
V_11	Kleinfahner	51°2'15"N	10°50'42"E	LBK	younger phase	none	1A	2B	4B	none	none	plastic	none	2A	4A	none	none	none	Flasche	Becker 2011, Taf. 59.1; Schwarzberg 2011, Taf. 123.3	1	2	
V_12	Derenburg	51°52'15"N	10°54'30"E	LBK	older/younger phase	none	3A	2B	4B	none	2A	none	none	2A	8	none	none	none	Flasche	Becker 2011, Taf. 60.1; Schwarzberg 2011, Taf. 124.1	2	2	
V_13	Balrleben	52°12'19.2"N	11°35'25.0" E	LBK	older phase	2A	1A	none	2A	none	none	plastic	none	none	band with strokes	none	none	none	Flasche	Becker 2011, Taf. 59.2; Schwarzberg 2011, Taf. 123.3	1	1	
V_14	Karsdorf	51°16'59"N	11°39'0"E	LBK	younger phase	3B	3C	2B	realistic	present	none	none	none	2A	none	none	none	none	Unbestimmt	Meller 2012: 174	2	2	
V_15	Draschwitz	51°6'1"N	12°10'56"E	LBK	middle-younger phase	none	2A	none	3A	none	none	none	none	1	band with strokes	none	none	none	Schale/Kumpf	Becker 2011, Taf. 66.4; Schwarzberg 2011, Taf. 125.9	1	1	
V_16	Zauschwitz	51°10'49.9"N	12°15'48.2"E	LBK	middle phase	none	3C	2B	4B	none	2B	none	none	none	none	none	none	none	Schale/Kumpf	Becker 2011, Taf. 66.3; Schwarzberg 2011, Taf. 125.4	2	2	
V_17	Eythra	51°14'0"N	12°18'0"E	LBK	middle phase	none	3C	2B	4B	none	?	none	none	none	none	none	none	none	Schale/Kumpf	Lehmann 2019, Taf.11.3	2	2	
V_18	Grana-Kleinsida	51°3'19"N	12°6'19"E	LBK	middle phase	none	5A	2A	realistic	none	?	none	none	2A	4A	present	none	none	Schale/Kumpf	Schwarzberg 2011, Taf.125:6	2	2	
V_19	Mügeln	51°14'17.6"N	13°03'33.4"E	LBK	older phase	1A	1A	none	3A	present	none	none	none	none	none	present	none	none	Schale/Kumpf	Conrad, Conrad, Ender, Herbig, Homann 2012, Abb.7	1	1	
V_20	Kolín	50°01'00"N	15°12'00"E	SBK	late SBK	1B	5A	2B	realistic	none	2A	none	none	strokes	none	present	none	none	Unbestimmt	Pavlu, Šumberová 2017, Fig. 6.2, 6.3	2	2	
V_21	Močovice	49°54'23"N	15°30'54"E	LBK	Music-Note LBK phase	none	3A	2A	6A	present	none	plastic	none	none	4A	none	none	none	Flasche	Becker 2011, Taf. 60.3; Schwarzberg 2011, Taf. 119.1a-b	1	1	
V_22	Poigen	48°41'44"N	15°33'57"E	LBK	late phase	none	5A	2A	4A	none	2B	none	none	none	8	present	none	none	Flasche	Becker 2011, Taf. 67.1; Schwarzberg 2011, Taf. 115.1	2	2	
V_23	Fraunhofen - Ried Milchtaschen	48°40'24"N	15°37'50"E	LBK	Music-Note LBK phase	none	1A	2B	4B	none	none	none	horizontal	none	3	none	none	none	Schale/Kumpf	Becker 2011, Taf. 61.2; Schwarzberg 2011, Taf. 118.3	1	2	

V_24	Breiteneich -1	48°40'27.07"N	15°41'34"E	LBK	late Music-Note LBK phase	none	3A	2A	4A	none	?	none	horizontal	none	none	present	none	none	Schale/Kumpf	Becker 2011, Taf. 61.1; Schwarzberg 2011, Taf. 119.2	2	2	
V_25	Breiteneich -2	48°40'27.07"N	15°41'34"E	LBK	LBK	none	3C	2A	3A	none	1A	none	none	none	8	none	none	none	Unbestimmt	Becker 2011, Taf. 72.4	2	2	
V_26	Pulkau -1	48°42'0"N	15°51'0"E	LBK	younger phase	2A	5A	2B	4B	none	?	none	horizontal	none	8	present	none	none	Schale/Kumpf	Becker 2011, Taf. 67.4; Schwarzberg 2011, Taf. 117.2	2	2	
V_27	Pulkau -2	48°42'0"N	15°51'0"E	LBK	LBK	2A	5A	2B	4B	present	?	none	horizontal	none	8	present	none	none	Schale/Kumpf	Becker 2011, Taf. 68.1; Schwarzberg 2011, Taf. 117.3	2	2	
V_28	Pulkau -3	48°42'0"N	15°51'0"E	LBK	younger phase	none	6A	2B	realistic	none	?	none	none	none	8	present	none	none	Unbestimmt	Becker 2011, Taf. 67.3; Schwarzberg 2011, Taf. 121.4	2	2	
V_29	Ziersdorf	48°31'42.42"N	15°55'37.2"E	LBK	middle-late phase	none	3A	2A	4A	none	?	none	none	none	8	none	none	none	Flasche	Becker 2011, Taf. 56.5; Schwarzberg 2011, Taf. 114.4	2	3	
V_30	Thomasl	48°31'53.6"N	16°23'54.0"E	LBK	Želiezovce LBK phase	none	1A	1A	realistic	none	?	none	stroked vertical lines	none	8	none	none	none	Flasche	Becker 2011, Taf. 54.1; Schwarzberg 2011, Taf. 113.1	2	2	
V_31	Ulrichskirchen	48°24'0"N	16°29'0"E	LBK	LBK	1B	1A	2A	4A	none	2A	none	vertical	none	none	none	none	none	Unbestimmt	Becker 2011, Taf. 71.2	2	3	
V_32	Draßburg - Taborac	47°44'46"N	16°29'17"E	LBK	Želiezovce LBK phase	none	3A	2A	4A	none	2A	none	none	none	none	none	present	none	Flasche	Becker 2011, Taf. 72.7; Schwarzberg 2011, Taf. 112.2	2	3	
V_33	Vavřinec - Koňská Jáma	49°24'9"N	16°43'11"E	LBK	younger Voluten group	none	5A	2B	4B	none	none	none	none	none	band with strokes	present	none	none	Schale/Kumpf	Becker 2011, Taf. 62.1; Schwarzberg 2011, Taf. 119.1	2	2	
V_34	Zalaegerszeg-Andráshida	46°50'21"N	16°51'4"E	LBK	Keszthely group	2A	1D	none	none	none	2A	none	none	1	4A	none	none	none	Flasche	Becker 2011, Taf. 55.2; Schwarzberg 2011, 83.3	1	1	
V_35	Mohelnice -1	49°46'36.5"N	16°55'7"E	LBK	Music-Note LBK phase	none	5A	2A	realistic	present	2A	none	horizontal	none	4A	present	none	none	Schale/Kumpf	Becker 2011, Taf. 68.2	2	2	
V_36	Mohelnice -2	49°46'36.5"N	16°55'7"E	LBK	LBK IV?	none	5A	2B	realistic	none	1A	none	none	none	none	none	present	none	Schale/Kumpf	Becker 2011, Taf. 75.3	2	2	
V_37	Keszthely	46°45'55.2"N	17°14'34.19"E	LBK	late Želiezovce LBK phase	2A	1D	2A	4A	none	2A	none	horizontal	1	zigzag	none	none	none	Schale/Kumpf	Becker 2011, Taf. 62.3	2	3	
V_38	Blatné	48°15'56"N	17°25'15"E	LBK	Želiezovce LBK phase	2A	3A	2A	4A	none	none	none	vertical	1	8	none	none	none	Unbestimmt	Becker 2011, Taf. 70.1	2	3	
V_39	Cífer-Pác -1	48°19'0"N	17°30'0"E	LBK	Želiezovce LBK phase	none	1A	2A	realistic	present	2A	none	vertical	none	zigzag	none	none	none	Schale/Kumpf	Becker 2011, Taf. 64.1; Schwarzberg 2011, Taf. 112.1	2	3	
V_40	Cífer-Pác -2	48°19'0"N	17°30'0"E	LBK	Želiezovce LBK phase	2A	5A	1A	3A	none	2A	none	none	none	none	none	none	none	Unbestimmt	Becker 2011, Taf. 70.4	2	2	
V_41	Győr -1	47°41'0"N	17°38'0"E	LBK	late Želiezovce LBK phase	none	1D	2A	4A	none	?	none	vertical	none	none	none	none	none	Unbestimmt	Becker 2011, Taf. 69.7; Schwarzberg 2011, Taf. 85.4	2	3	
V_42	Győr -2	47°41'0"N	17°38'0"E	LBK	Želiezovce LBK phase	none	3A	none	7A	none	2A	none	vertical	none	none	none	none	none	Unbestimmt	Becker 2011, Taf. 69.8	2	3	
V_43	Balatonzsászó	46°49'33"N	17°50'5"E	LBK	Želiezovce LBK phase	none	3A	2A	4A	none	?	none	horizontal	none	none	none	none	none	Unbestimmt	Becker 2011, Taf. 69.1; Schwarzberg 2011, Taf. 84.1	2	3	
V_44	Ráksi	46°31'1.24"N	17°55'8.76"E	LBK	late Želiezovce LBK phase	2A	1D	2A	4A	none	2A	none	symmetrical arched motif	1	8	none	none	none	Flasche	Becker 2011, Taf. 55.3; Schwarzberg 2011, 85.3	2	3	
V_45	Žegotki -1	52°40'31"N	18°12'31"E	LBK	LBK	none	3C	2B	4B	none	none	none	none	none	8	present	none	none	Unbestimmt	Czerniak 1996, ryc. 6	2	2	
V_46	Bajč -1	47°55'0"N	18°13'0"E	LBK	late Želiezovce LBK phase	2A	1D	2A	4A	none	2A	none	none	1	zigzag	none	none	none	Flasche	Becker 2011, Taf. 56.1; Schwarzberg 2011, Taf. 115.4	2	3	
V_47	Bajč -2	47°55'0"N	18°13'0"E	LBK	late Želiezovce LBK phase	2A	none	1C	none	none	none	none	none	1	zigzag	none	none	none	Schale/Kumpf	Schwarzberg 2011, Taf. 116.1	2	3	
V_48	Bajč -3	47°55'0"N	18°13'0"E	LBK	late Želiezovce LBK phase	2A	3A	2A	4A	none	?	none	vertical	none	none	none	none	none	Unbestimmt	Becker 2011, Taf. 64.4	2	3	
V_49	Iža - Velký Harcás	47°45'2"N	18°14'0"E	LBK	Želiezovce LBK phase	2A	3A	2A	4A	none	none	plastic halfround	symmetrical arched motif	1	7	none	none	none	Unbestimmt	Schwarzberg 2011, Taf. 120.1	2	3	
V_50	Dvory nad Žitavou	47°59'37"N	18°15'51"E	LBK	middle Želiezovce LBK phase	none	1D	1A	2	none	none	none	horizontal	none	8	none	none	Zoomorpfe handles	Flasche	Schwarzberg 2011, Taf. 111.1	2	2	
V_51	Patince	47°44'15"N	18°17'40"E	LBK	Želiezovce LBK phase	2A	1D	none	3A	none	2A	none	stroked vertical lines	1	zigzag	none	none	none	Flasche	Becker 2011, Taf. 75.4; Schwarzberg 2011, Taf. 114.1	1	3	
V_52	Mužla-Čenkov -1	47°47'32"N	18°35'52"E	LBK	Želiezovce LBK phase	1A	3A	2A	4A	none	2B	none	none	1	zigzag	none	none	none	Schale/Kumpf	Becker 2011, Taf. 63.3; Schwarzberg 2011, Taf. 116.2	2	3	
V_53	Mužla-Čenkov -2	47°47'32"N	18°35'52"E	LBK	Želiezovce LBK phase	2A	3A	none	5B	none	2A	none	vertical	1	zigzag	none	none	none	Schale/Kumpf	Becker 2011, Taf. 63.4; Schwarzberg 2011, Taf. 121.2	2	3	
V_54	Mužla-Čenkov -3	47°47'32"N	18°35'52"E	LBK	Želiezovce LBK phase	1A	3A	2A	4A	none	2C	none	none	none	none	none	none	none	Unbestimmt	Becker 2011, Taf. 65.1; Schwarzberg 2011, Taf. 120.7	2	3	

V_55	Bíňa	47°55'20"N	18°38'33"E	LBK	Želiezovce LBK phase	2A	3A	2A	realistic	present	?	none	vertical	1	7	none	none	none	Flasche	Becker 2011, Taf. 70.3; Schwarzberg 2011, Taf. 115.3	2	3	
V_56	Vel'ký Pesek / Sikenica - Agota Major	48°4'30"N	18°43'0"E	LBK	Želiezovce LBK phase	2A	5D	2A	4A	none	2B	none	symmetrical arched motif	1	none	none	none	none	Flasche	Becker 2011, Taf. 69.9	2	3	
V_57	Štúrovo -1	47°47'56"N	18°43'20"E	LBK	Želiezovce LBK phase	2A	3A	1A	3A	none	2A	none	none	1	zigzag	none	none	none	Schale/Kumpf	Becker 2011, Taf. 63.1; Schwarzberg 2011, Taf. 116.3	2	3	
V_58	Štúrovo -2	47°47'56"N	18°43'20"E	LBK	Želiezovce LBK phase	none	4A	none	5B	none	2A	none	none	none	zigzag	none	none	none	Schale/Kumpf	Becker 2011, Taf. 63.2; Schwarzberg 2011, Taf. 117.4	1	1	
V_59	Štúrovo -3	47°47'56"N	18°43'20"E	LBK	Želiezovce LBK phase	none	3A	none	3A	none	2A	none	stroked vertical lines	none	7	none	none	none	Schale/Kumpf	Becker 2011, Taf. 70.5; Schwarzberg 2011, Taf. 121.1	1	1	
V_60	Biatorbágy-Tyúkberek	47°28'0"N	18°50'0"E	LBK	late Želiezovce LBK phase	2A	1D	1B	2A	none	2A	none	symmetrical arched motif	1	zigzag	none	none	none	Flasche	Becker 2011, Taf. 55.1; Schwarzberg 2011, Taf. 83.1	2	3	
V_61	Tupá	48°7'0"N	18°54'0"E	LBK	Želiezovce LBK phase	2A	3A	2A	4A	none	2A	none	none	1	8	none	none	none	Unbestimmt	Becker 2011, Taf. 70.2; Schwarzberg 2011, Taf. 120.3	2	3	
V_62	Törökbálint-Dulácska -1	47°26'42"N	18°55'44"E	LBK	late Noteknopf/Želiezovce LBK phase	2A	3A	none	2A	none	2A	none	symmetrical arched motif	1	zigzag	none	none	none	Unbestimmt	Schwarzberg 2011, Taf. 85.1	2	3	
V_63	Törökbálint-Dulácska -2	47°26'42"N	18°55'44"E	LBK	late Noteknopf/Želiezovce LBK phase	2A	3A	none	2A	none	3A	none	horizontal	1	7	none	none	none	Unbestimmt	Schwarzberg 2011, Taf. 85.2	2	3	
V_64	Budapest-Aranyhegyi -1	47°34'45.0"N	19°01'48.2"E	LBK	Želiezovce LBK phase	2A	1D	1B	2A	none	2A	none	vertical	1	none	none	none	none	Flasche	Becker 2011; Schwarzberg 2011	2	3	
V_65	Budapest-Aranyhegyi -2	47°34'45.0"N	19°01'48.2"E	LBK	Želiezovce LBK phase	2A	3A	1B	2A	none	2A	none	vertical	1	none	none	none	none	Flasche	Becker 2011; Schwarzberg 2011	2	3	
V_66	Budapest-Aranyhegyi -3	47°34'45.0"N	19°01'48.2"E	LBK	Želiezovce LBK phase	2A	3A	none	2A	none	2A	none	horizontal	1	8	none	none	none	Schale/Kumpf	Becker 2011; Schwarzberg 2011	2	3	
V_67	Budapest-Békásmegyér -1	47°36'0"N	19°3'0"E	LBK	late Želiezovce LBK phase	2A	1D	2A	4A	none	2A	none	symmetrical arched motif	1	none	none	none	none	Flasche	Becker 2011, Taf. 54.2; Schwarzberg 2011, Taf. 83.2	2	3	
V_68	Budapest-Békásmegyér -2	47°36'0"N	19°3'0"E	LBK	late Želiezovce LBK phase	2A	1D	2A	2A	none	2A	none	symmetrical arched motif	1	3	none	none	none	Flasche	Becker 2011, Taf. 55.4	2	3	
V_69	Budapest-Békásmegyér -3	47°36'0"N	19°3'0"E	LBK	late Želiezovce LBK phase	2A	1D	2A	4A	none	2A	none	none	1	none	none	none	none	Flasche	Becker 2011, Taf. 55.5	2	3	
V_70	Budapest-Békásmegyér -4	47°36'0"N	19°3'0"E	LBK	late Želiezovce LBK phase	2A	1D	2A	4A	none	2A	none	none	1	none	none	none	none	Flasche	Becker 2011, Taf. 55.6	2	3	
V_71	Budapest-Békásmegyér -5	47°36'0"N	19°3'0"E	LBK	late Želiezovce LBK phase	2A	1D	none	2A	none	2A	none	stroked vertical lines	1	8	none	none	none	Unbestimmt	Becker 2011, Taf. 69.4; Schwarzberg 2011, Taf. 84.5	2	3	
V_72	Budapest-Békásmegyér -6	47°36'0"N	19°3'0"E	LBK	late Želiezovce LBK phase	2A	1D	2A	4A	none	2A	none	none	1	none	none	none	none	Unbestimmt	Becker 2011, Taf. 69.5; Schwarzberg 2011, Taf. 84.10	2	3	
V_73	Budapest-Békásmegyér -7	47°36'0"N	19°3'0"E	LBK	late Želiezovce LBK phase	none	1D	2A	realistic	none	2A	none	none	none	none	none	present	none	Schale/Kumpf	Becker 2011, Taf. 61.4; Schwarzberg 2011, Taf. 84.9	2	2	
V_74	Szécsény -1	48°5'0"N	19°31'0"E	LBK	Želiezovce LBK phase	2A	3A	2A	4A	none	none	none	none	1	zigzag	none	none	none	Flasche	Becker 2011, Taf. 57.1	2	3	
V_75	Szécsény -2	48°5'0"N	19°31'0"E	LBK	Želiezovce LBK phase	2A	3A	2A	4A	none	2A	none	vertical	1	none	none	none	none	Flasche	Becker 2011, Taf. 57.2	2	3	
V_76	Szécsény -3	48°5'0"N	19°31'0"E	LBK	Želiezovce LBK phase	2A	1D	2A	2A	none	none	none	symmetrical arched motif	1	6B	none	none	none	Flasche	Becker 2011, Taf. 57.3	2	3	
V_77	Szécsény -4	48°5'0"N	19°31'0"E	LBK	Želiezovce LBK phase	2A	3A	none	2A	none	2A	none	horizontal	1	zigzag	none	none	none	Schale/Kumpf	Becker 2011, Taf. 65.1	2	3	
V_78	Csanytelek-Újhalastó -1	46°19'19"N	20°00'19"E	ALPC	Szakálhát group	none	1D	none	2A	none	none	none	stroked vertical lines	1	none	none	present	none	Vorratsgefäß	Becker 2011, Taf. 177.4; Schwarzberg 2011, Taf. 89.3	1	1	
V_79	Csanytelek-Újhalastó -2	46°36'22.28"N	20°06'17.29"E	ALPC	Szakálhát group	none	none	none	2A	none	none	none	horizontal	1	none	none	none	none	Vorratsgefäß	Becker 2011, Taf. 178.5; Schwarzberg 2011, Taf. 86.1	1	1	
V_80	Tarnaméra-Cselőháza	47°39'22"N	20°09'29"E	ALPC	late Alföld LBK	none	1D	none	3A	present	2A	none	stroked vertical lines	arched motif	3	none	none	none	Unbestimmt	Schwarzberg 2011, Taf. 79.2	1	1	
V_81	Szelevény-Felsőföldek	46°48'07"N	20°12'04"E	ALPC	Esztár-Piscolt-Raskovice group	none	2A	2B	6A	none	1A	none	none	arched motif	3	none	present	none	Flasche	Becker 2011, Taf. 176.6; Schwarzberg 2011, Taf. 81	1	1	arched motive is painted
V_82	Szentes-Ilonapart	46°39'16"N	20°14'25"E	ALPC	Szakálhát group	none	1D	none	3A	none	2A	incited	stroked vertical	1	none	none	present	none	Vorratsgefäß	Becker 2011, Taf. 178.2	1	1	





V_111	Garadna-Elkerülő út - 5	48°25'07"N	21°10'29"E	ALPC	Bükk culture	none	none	none	none	none	none	none	stroked vertical lines	arched motif	3	none	none	none	Unbestimmt	Csengri 2011, fig.8.3	1	1	
V_112	Garadna-Elkerülő út - 6	48°25'07"N	21°10'29"E	ALPC	Bükk culture	none	3A	none	none	none	none	none	stroked vertical lines	arched motif	3	none	none	none	Unbestimmt	Csengri 2011, fig.8.4	1	1	
V_113	Mezőzombor-Temető	48°08'54"N	21°16'07"E	ALPC	Tiszadob group	1A	small stroke	none	2A	none	T-shaped	none	none	arched motif	3	none	none	none	Flasche	Becker 2011, Taf. 179.2; Schwarzberg 2011, Taf. 80.1	1	1	
V_114	Kéked-Hosszúföldek	48°32'45"N	21°20'45"E	ALPC	initial phase Alföld LBK (ALPC I)	none	3A	none	3A	none	6A	none	none	none	3	none	none	none	Unbestimmt	Csengri 2018, Tab.2.2	1	1	
V_115	Tiszavasvári-Keresztfal	47°57'08"N	21°22'18"E	ALPC	Tiszadob group	2B	1D	none	3A	none	2A	none	none	none	none	none	present	none	Unbestimmt	Schwarzberg 2011, Taf. 78.10	1	1	
V_116	Tiszavasvári-Paptelekhat	47°57'08"N	21°22'18"E	ALPC	Tiszadob group	2B	6A	none	3A	none	2A	none	none	arched motif	3	none	none	none	Unbestimmt	Schwarzberg 2011, Taf. 78.12	1	1	
V_117	Szegi-Ady Endre	48°11'42"N	21°22'35"E	ALPC	Tiszadob group/Bükk culture	none	none	2B	4B	none	none	none	none	none	none	none	none	none	Unbestimmt	Csengeri 2014, fig.7.6	2	2	
V_118	Kenézlő-Fazekaszug	48°11'53"N	21°31'46"E	ALPC	Tiszadob group	1B	small stroke	none	none	none	T-shaped	none	stroked vertical lines	none	3	none	none	none	Flasche	Becker 2011, Taf. 179.1	1	1	
V_119	Berettyószentmárton-Morotva	47°11'53"N	21°32'18"E	ALPC	Esztár-Piscolt-Raskovice group	none	2A	none	3A	none	none	none	none	arched motif	3	none	none	none	Unbestimmt	Becker 2011, Taf. 176.7; Schwarzberg 2011, Taf. 82.1	1	1	arched motive is painted
V_120	Debrecen-Tócópart	47°32'0"N	21°38'00"E	ALPC	Esztár-Piscolt-Raskovice group	none	none	none	3A	none	none	none	none	arched motif	3	none	none	none	Unbestimmt	Becker 2011, Taf. 176.8; Schwarzberg 2011, Taf. 82.4	1	1	arched motive is painted
V_121	Tiszaigar-Homokbánya	47°32'0"N	21°38'00"E	ALPC	Esztár-Piscolt-Raskovice group	none	1B	none	3A	none	none	none	none	arched motif	3	none	none	none	Unbestimmt	Becker 2011, Taf. 176.10	1	1	arched motive is painted
V_122	Szilmeg, Polgár-Folyás	47°48'33"N	21°48'21"E	ALPC	Szilmeg group	none	3A	none	6A	none	none	handles	none	none	none	none	present	none	Flasche	Becker 2011, Taf. 176.5	1	1	
V_123	Šarišské Michaľany -1	49°4'9"N	21°8'14"E	ALPC	Bükk culture	none	none	none	3A	none	none	none	stroked vertical lines	arched motif	3	none	none	none	Flasche	Becker 2011, Taf. 179.7; Schwarzberg 2011, Taf. 114.2	1	1	
V_124	Šarišské Michaľany -2	49°4'9"N	21°8'14"E	ALPC	Tiszadob group	none	none	none	3A	none	T-shaped	none	stroked vertical lines	arched motif	3	none	none	none	Flasche	Schwarzberg 2011, Taf. 114.3	1	1	
V_125	Šarišské Michaľany -3	49°4'9"N	21°8'14"E	ALPC	Tiszadob group	1C	3A	none	2C	none	none	none	none	none	8	none	none	none	Flasche	Becker 2011, Taf. 179.5; Schwarzberg 2011, Taf. 115.2	2	2	
V_126	Šarišské Michaľany -4	49°4'9"N	21°8'14"E	ALPC	Tiszadob group	none	3A	none	realistic	present	?	none	none	arched motif	3	none	none	none	Flasche	Becker 2011, Taf. 179.4; Schwarzberg 2011, Taf. 121.7	1	1	
V_127	Šarišské Michaľany -4	49°4'9"N	21°8'14"E	ALPC	Bükk culture	none	none	none	6A	none	T-shaped	none	stroked vertical lines	arched motif	3	none	none	none	Flasche	Becker 2011, Taf. 179.6	1	1	
V_128	Sonkád „Új Élet“	48°3'0"N	22°45'0"E	ALPC	Szatmar group	1C	none	2B	4B	none	none	plastic halfround	none	none	none	none	none	none	Unbestimmt	Becker 2011, Taf. 176.1; Schwarzberg 2011, Taf. 78.6	2	2	
V_129	Iacobeni	47°26'35"N	27°19'08"E	LBK	Želiezovce LBK phase	none	3A	2A	realistic	present	1A	none	none	none	none	none	none	none	Schale/Kumpf	Becker 2011, Taf. 61.3; Schwarzberg 2011, Taf. 98.2	2	2	
V_130	Huși	46°40'27"N	28°3'35"E	LBK	LBK	1B	6A	2B	4B	none	2B	none	none	none	none	none	none	none	Unbestimmt	Becker 2011, Taf. 72.8; Schwarzberg 2011, Taf. 98.1	2	2	