

Abstract:

This thesis analyses formation processes on LBK site of Bylany. The aim of this text is to critically review the base of our archaeological sources and to demonstrate the possibilities and limits of the used methods.

For the purposes of this work was obtained metrical and some non-metrical attributes of nearly 1700 ceramic sherds from a selected house complex in Bylany. These data were used in combination with already existing documentation to create basic characteristics of particular objects and layers. This way was for example created values of fragments density, pottery fragmentation, or was examined dispersion of fragments from a single vessel. With this data was also possible to critically revise the former and current chronology of house complex and independent objects. This step tested the chronological homogeneity of objects with gradual filtration of intrusions.

The second part of this thesis studied anthropomorphic engraving on a ceramic sherd, that was found by chance in 2018 in one of the studied objects. Style, technique, and primarily authenticity were explored. The whole set of ceramics was examined to find potential analogical engravings and to determine, on which part of sherds would be similar engraving even preserved.

Results show that individual pits have very heterogeneous characteristics. They were probably filled with a different mechanisms and in several phases. Pottery wasn't deposited to objects by purpose (with few exceptions) but was part of different materials that gradually created the filling. In the case of anthropomorphic engraving, we couldn't verify or falsify its authenticity. This could be hopefully solved by exact analytic methods in the future.

Results of this theses demonstrate the need for a more critical approach to Neolithic settlement pits. It shows outdated of *house complex model*, that presumes chronological and structural homogeneity of all objects around the house. Pottery style analysis has also shown the need for current relative chronology revision.

Keywords: LBK – Czech Republic – Formation processes – Bylany - Pits