
The new radiocarbon datings of the early Holocene assemblages in Belarus and Poland

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Abstract

The objective of the poster is to present new findings concerning an absolute chronology of the early Holocene lithic assemblages in the area of Belarus and Poland. These assemblages are strongly differentiated in the light of technology and typology. They could be linked with the late phase of the Tanged Points Technocomplex and show its diversity in that time. The investigated material were acquired during the recent excavations giving in the most cases the opportunity to secure the archaeological context of the finds (pits, fireplaces etc.). Most of the charcoals underwent an anthracological determinations giving an additional environmental data. Several radiocarbon datings were made by AMS method which produced reliable results. The Dziednia site (the eastern Belarus) represents the early Kunda (Pulli) tradition characterized by pressure blade technology and distinctive Pulli type points. During the investigation four new dates were obtained. They are coherent and allow to precise the previous dating of the site. These dates augment the scanty amounts of radiocarbon determinations for this cultural unit in the circum Baltic area. They are further arguments to place this cultural phenomenon in the second half of the Preboreal period and support the conception of its eastern roots (Butovo culture). A single date from the Zagacie 2 site (the southern Poland) shows the similar age. It places the Swiderian-like assemblage to the middle part of the Preboreal. Another two datings of the Kraków-Kurdwanów site 10 assemblage (the southern Poland) reveal a surprising persistence of the Tanged Points Technocomplex until the Boreal period. Based on typology and technology it could be linked with the Ahrensburgian tradition. Especially interesting seems an ongoing attempt to date the assemblage from the Paklady site 2 (the eastern Belarus) where a rich collection of lithics representing the Grensk culture was found. This cultural unit linked with post-Palaeolithic tradition, so far, almost lacks of radiocarbon datings.

Keywords: the early Holocene, Poland, Belarus, the late palaeolithic, the radiocarbon chronology, Swiderian, Kunda culture, Grensk culture, post, palaeolithic

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