



## **Tephrochronology of Polish Lateglacial lacustrine records**

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The dispersal of tephra into continental Europe from European and Icelandic volcanic centres is a key area of interest for the INTIMATE group, due to the potential to correlate palaeoenvironmental and other records, including archaeological sites. The Last-glacial to Interglacial Transition (LGIT) has been a key time period for INTIMATE due to the very abrupt nature of climatic transitions at this time requiring high-precision chronological tools for the correlation of records. The tephrostratigraphic record of Northern and Southern Europe during the LGIT is now well understood, and ongoing research is focusing on understanding dispersal of tephra into Eastern Europe. Poland provides a key region for understanding tephra dispersals during the LGIT, away from areas traditionally focused on for cryptotephra studies. At the present time very few sites have been studied in this region, for example Węgliny. Here we present new data from two sites in the Wojnowo region of Western Poland. These data highlight the presence of 3 separate tephra horizons within the Lateglacial period at Wojnowo Site 2, while Wojnowo Site 1 has one significant tephra horizon. We will present their geochemical and morphological characteristics and discuss their provenance to European volcanic centres and well established tephra horizons.