

COMPOSITION AND SOME CONSIDERATIONS ON METAL PROVENANCE FOR THE DAGGER FROM PODURI

BOGDAN CONSTANTINESCU, FLORIN CONSTANTIN, CĂTĂLINA PĂUNA,
ANCA DIANA POPESCU, DANIELA STAN

The dating of the silver dagger from Poduri (Bacău County)¹⁷ is difficult, due to its uncertain stratigraphic context and to the absence of similar objects described in the archaeological literature. Compositional (elemental) analysis of the dagger was performed at the NIPNE-HH archaeometry laboratory using two XRF (X-Ray Fluorescence) spectrometers and a comparison with similar published silver-copper Bronze Age objects was made in order to obtain new arguments for its provenance determination. The possibility of a geologically rare native (natural) silver-copper alloy is also discussed. The most probable answer for dagger's provenance is Ag-Cu alloy from Anatolia or Caucasia, Early Bronze Age workshop, but a later (Middle Bronze Age) dating can't be totally excluded.