

Recuperarea, restaurarea și conservarea unei „spatha” descoperite la Capidava, județul Constanța

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Abstract:

The Recovery, Restoration and Conservation of a “Spatha” found in Capidava Village, Constanța County, Romania

The archaeological research from 2019, carried out in the extramural sector X of the Capidava site, led to the discovery of an extremely interesting piece of weaponry. The piece is a "spatha" (sword), which by its features and dimensions, but also by stratigraphic placement, seems to belong to the Byzantine World of the VI-th-VII-th centuries. The physical and chemical investigations, as well as the conservation and restoration of this piece, were done in the laboratory of the Oltenia Museum in Craiova. First, the part was mechanically treated for coarse corrosion removal, followed by the chemical treatment of conversion of iron corrosion compounds. The reinforcement of the sword was made by firmly joining the fragments, using two-component epoxy resin and for the final consolidation and preservation, two layers of acrylic resin were applied by paint brushing.

Keywords: *Capidava, Dobrogea, Dobruja, Bzyantium, sword, spatha, restoration, conservations*

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