The Conservation of Dyed Textile Artifacts in Museum of Jordanian Heritage

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Abstract

Conservation of Dyed Textile Artifacts consider to be very important case which not achieve a lot of studying in the museum of Jordan. This study aims to apply some conservation methods for three dyed flattened Textile Artifacts selected from Museum of Jordanian Heritage to be as examples in the future to conserve the rest textile artifacts in the museum and other museum in Jordan.

Initial studies and some investigation and analysis were carried out for identifying the fibers and the deteriorated forms by using non-destructing methods and then to use these results in proposed treatment procedures then directly applied on the objects. Investigation methods used transmitted light microscope (TLM) and scanning Electron microscope associated with EDAX (SEM – EDAX) for identifying the fibers and the various deteriorated aspects. The results verified that the studied textile artifacts were very dirty, had white spots occupying with cavities and holes, wrinkles and creases, and also noticed fibers damage. These Results may due to the improper displayed method in the museum, or due to the incompatible environmental conditions surrounded the artifacts during exhibition such as: Light, temperature, Relative humidity, pollutants and microorganisms attacks.
For these reasons, the objects were cleaned using wet cleaning method – according to the available facilities- that considered being good and safety method which improved the physical and mechanical properties of textile objects and thus returned to their original shape as possible as. Moreover, for exhibition purposes, the textile objects were supported and reinforced by stitching into backing fabric stretched on wooden frames to preserve the objects on their places.

Finally, and according to the necessities of the museum the objects were displayed temporarily inside showcases in a good and attractive way.

**Keywords:**