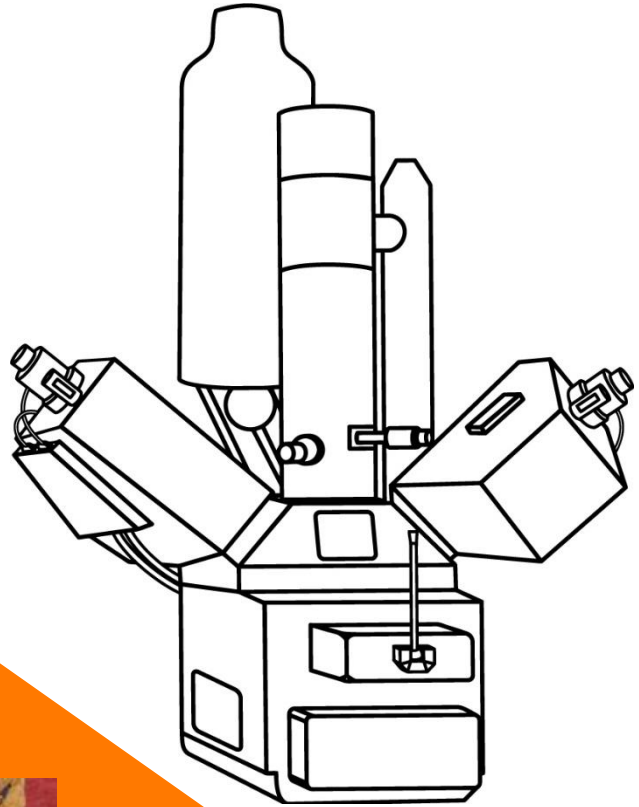


# Electron Microscopy Results



**The bird of Mesarka**

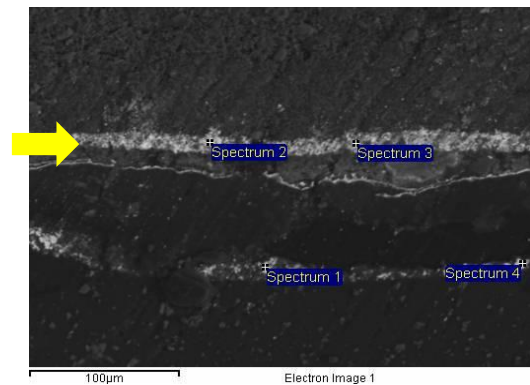
The SciArt Project  
2024

## Results Report

### Point of Interest 1: Blue painting layer

We study the cross section of the sample we collected from Point of Interest 1.

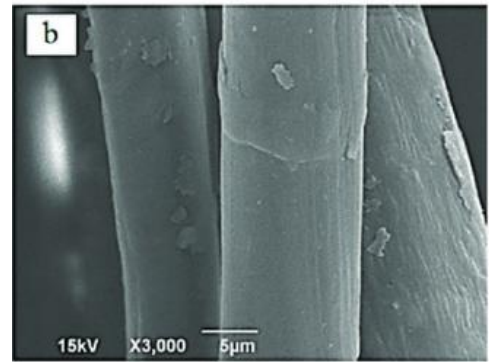
The SEM image of the section confirms that we have several painting layers, from which the surface blue is the one shown on the top that is indicated by the yellow arrow.



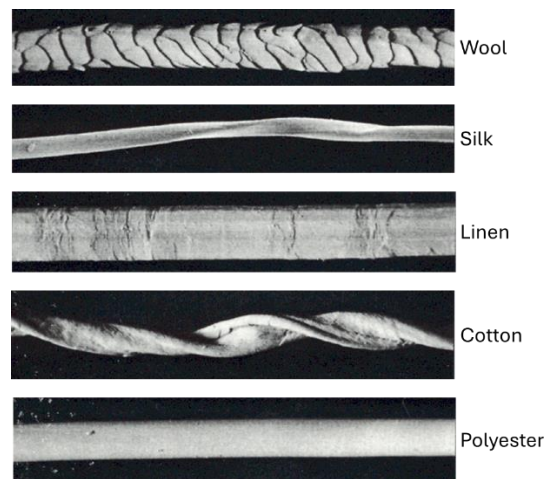
We can select some points to proceed with our analysis.

## Point of Interest 2: Potato sac

The SEM image of the fabric fibers shows that they have a uniform cylindrical shape with some vertical breaks.



Comparing the image we obtained with SEM images of various fibers used in textile industry, we notice that its characteristics resemble those of linen fibers.



In addition, among the fibers, we spot the larva of an insect. This is an indication that the potato sack was not new, but already used when the artist used it to make the painting.

