

ORDONEZ TEXTILE CONSERVATION SERVICES

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Analysis Report

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Date: June 15, 2021

The filaments in the scarf, gloves, and hat are 100% byssos filaments. No fibers from another source are present in the accessories' yarn samples. The filaments are protein (Fig. 1) with varying diameters (Fig. 2), smooth margins and faint longitudinal striations (Fig. 3), typical of byssos filaments.

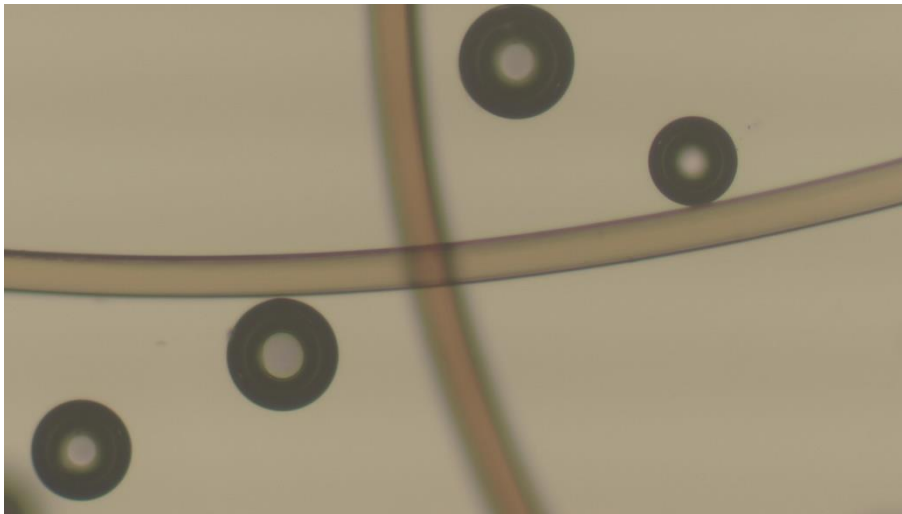


Fig. 1 In a test for protein fibers, byssos filaments in chlorine bleach produce bubbles as they dissolve (200x).

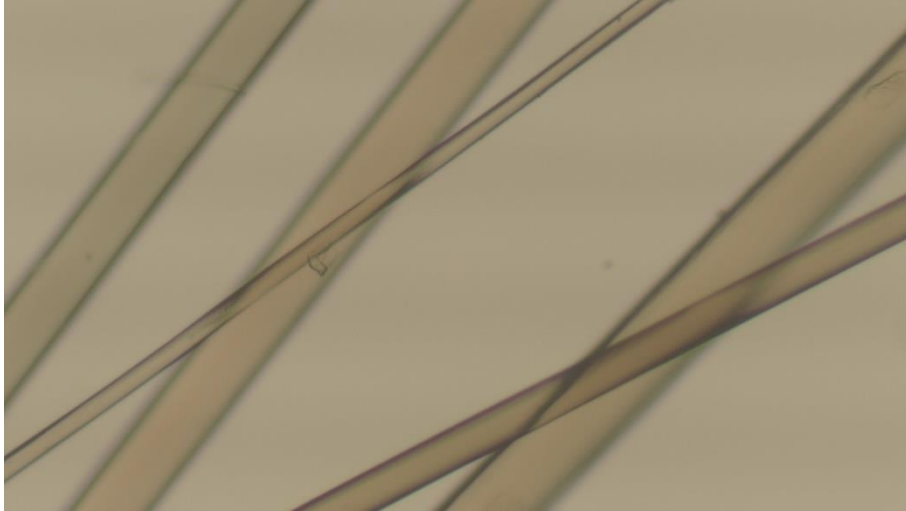


Fig. 2 Byssos filaments have varying diameters although the wider diameters are more common in these samples (200x).

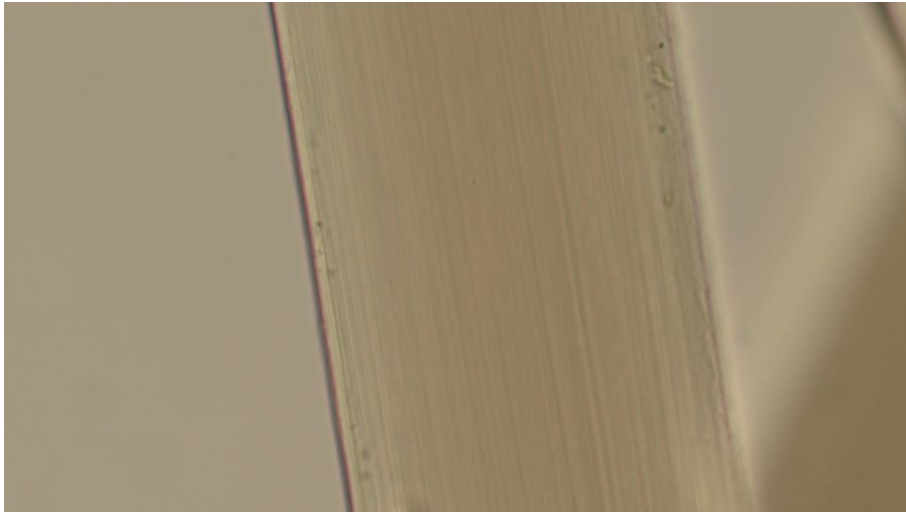


Fig. 3 The byssos filaments have smooth margins with faint longitudinal striations (400x).