

K1620 Condition Report

Conservation Started: as part of the Nat.Geo objects at the BM

Conservation Finished: 23/9/13

Conservator: BM conservator and Deborah Magnoler, Kayleigh Fuller

Time Taken:

Including digital photography, report, conservation and packing.

Dimensions: (Diam) 10 mm (H) 4 mm

Weight before: g

Weight after: 0.57g

Catalogue number: 636

Digital photography:

Taken with a Canon EOS digital camera under daylight bulbs and Photomicrographs taken using Keyence VHX-1000 3D digital microscope with LED and/or fibre optic lights, 20-200x magnification.

Associated objects: TBC

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification.

A gold, domed boss or rivet head, with a single strand of beaded wire decorating the edge. The object contains charcoal, mixed with soil. The charcoal was sampled and analysed at the British museum and found to be silver birch, *Betula pendula*. No further conservation was carried out on its return to Birmingham, in order not to compromise the organic material; but the object was photographed and repacked. For the results of the analysis on the material on the inside see: the Science report Envelope n. PR07444-2

Pre-Conservation Condition: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification.

Virtually clean, with a dark residue on the inside.

Treatment: Carried out using a Meiji stereo microscope

Purpose: Study

Aim: Study and analysis

A storage box padded with white polyethylene foam was made for housing the object. A strip of Tyvek (spun bound polyethylene fibres) was used as a cushion for the object and to help lift it out of the foam.

5/4/2016- K. Fuller- cleaned further

Item has small amounts of scattered charcoal flakes in the bottom inside with more carbonate based soil on the interior.

Post-Conservation Condition/Findings: see pre-conservation reports.

Key features:

- Gold stud or boss

- Single strand of beaded wire around edge
- Charcoal inside derives from silver birch

Samples: taken by BM for analysis