

K1552 Condition Report

Conservation Started: 05/07/2013

Conservation Finished: 05/07/2013

Conservator: Cymbeline Storey

Time Taken: 3 hours

Including digital photography, report, conservation and packing.

After renumbering by C. fern, the group was renumbered as follows:

K1552 a, b & d kept the same accession number, catalogue number 673.

K1552 c, e, & f are now K2032, catalogue number 675.

K1552a:

Dimensions: (L) 11mm (W) 2mm (D) 4mm

Weight before: 0.14g

Weight after: 0.14g

K1552b:

Dimensions: (L) 10mm (W) 2mm (D) 4mm

Weight before: 0.16g

Weight after: 0.16g

K1552c:

Dimensions: (L) 5mm (W) 2mm (D) 1.5mm

Weight before: 0.07g

Weight after: 0.07g

K1552d:

Dimensions: (L) .55mm (W) 1.5mm (D) 1.5mm

Weight before: 0.06g

Weight after: 0.06g

K1552e:

Dimensions: (L) 5.5mm (W) 1mm (D) 2mm

Weight before: 0.02g

Weight after: 0.02g

K1552f:

Dimensions: (L) 3mm (W) 2mm (D) 1mm

Weight before: 0.03g

Weight after: 0.03g

Digital photography:

Taken with a Keyence VHX-1000 3D digital microscope with LED and/or fibre optic lights (20-200x magnification). Taken before and after.

Annotation on any of the storage bags or boxes: None

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

K1552a: Pin with gilded, domed head, straight, ungilded shaft and blunt, angled tip.

K1552b: Pin with gilded, domed head, straight, ungilded shaft and blunt, angled tip.

K1552c: Pin with gilded, domed head, straight, ungilded, broken shaft.

K1552d: Pin with gilded, domed head, straight, broken shaft.

K1552e: Fragment of silver pin shaft, straight. Both ends are breaks.

K1552f: Pin with gilded, domed head, straight, ungilded, broken shaft.

Associated Objects: TBC

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

K1552a: There is some green corrosion on the head of the pin and a distinct indentation on the shaft near the head. The object has widespread tarnish (probably from burial) and is bent.

K1552b: The object has widespread tarnish (probably from burial) and is bent.

K1552c: The shaft is broken; the break edge might be recent. The object has widespread dark tarnish (probably from burial).

K1552d: Much of the shaft is covered with a thin layer of purple corrosion product (likely silver chloride). The shaft is bent and the broken end flattened. The break edge looks old. There is a distinct indentation on the shaft underneath the head.

K1552e: Both ends are old-looking breaks. The object is bent and covered with moderate tarnish (probably from burial) and some deposits of green corrosion.

K1552f: The break edge looks recent. The object is covered with moderate tarnish (probably from burial) and a little soil.

Treatment: Carried out using a Meiji stereo microscope

Purpose: Study

Aim: Total cleaning

Materials: Soft natural/synthetic brushes, thorn in pin vice/holder, IMS on metals, 50:50 water/IMS on metals

The granular soil on the front/back was mechanically removed or reduced where possible using a fine thorn tip secured in a pin vice and a small pure bristle brush. IMS or water was used to soften the soil to facilitate removal. Loose particles of soil were then removed with a small swab of IMS.

Corrosion products were left in situ; corrosion was not active and can be further cleaned or stabilised at a later date.

A storage box padded with white polyethylene foam was made for housing the object.

Post-Conservation Condition/Findings:

The condition of the objects is the same as pre-conservation apart from removal of a small amount of soil.

Key Features:

- Six silver gilt pins with domed heads
- Some intact and some broken

Samples:

None