

K1434 Condition Report

Conservation Started: 18/02/2013

Conservation Finished: 18/02/2013

Conservator: Cymbeline Storey

Time Taken: 2.25 hours

Including digital photography, report, conservation and packing.

After renumbering by C. Fern, the various parts of this group were numbered as follows:

K1434 a, d, e, h are now K1996, weighing a total of 0.49g, catalogue number 673

K1434 g is now K1997, weighing 0.09g, catalogue number 674

K1434 b, c are now K1998, weighing a total of 0.11g, catalogue number 675

K1434a:

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

Weight before: 0.10g

Weight after: 0.10g

K1434b:

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

Weight before: 0.06g

Weight after: 0.06g

K1434c:

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

Weight before: 0.05g

Weight after: 0.05g

K1434d:

Dimensions: (L) 13mm (W) 2mm

Weight before: 0.15g

Weight after: 0.15g

K1434e:

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

Weight before: 0.13g

Weight after: 0.13g

K1434f:

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

Weight before: 0.03g

Weight after: 0.03g

Catalogue number: 658

K1434g:

Dimensions: (L) 8mm (W) 2mm

Weight before: 0.09g

Weight after: 0.09g

K1434h:

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

Weight before: 0.11g

Weight after: 0.11g

Digital photography:

Taken with Keyence VHX-1000 3D digital microscope. 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

K1434a: Silver pin with gilded, domed head, hammered, straight shaft and blunt tip.

K1434b: Silver pin with gilded, domed head and a straight, broken shaft.

K1434c: Silver pin with gilded, domed head and a straight, broken shaft.

K1434d: Silver pin with deformed, domed head, slightly tapered, hammered shaft and blunt tip.

K1434e: Silver pin with domed head, straight shaft and blunt tip.

K1434f: Gold pin with slightly domed head and a hammered, slightly tapered shaft.

K1434g: Silver pin with tapered shaft (tapers to a point) and no head.

K1434h: Silver pin with straight shaft and blunt tip.

Associated Objects: TBC

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

K1434a: Tarnished, bent, and with silver chloride corrosion. Major, old dent near head.

K1434b: Tarnished.

K1434c: Tarnished.

K1434d: Tarnished and bent. A little iron corrosion present.

K1434e: Tarnished, bent, and with silver chloride corrosion.

K1434f: Tarnished. Abrasions/cuts on head.

K1434g: The head is missing, revealing shiny, bright, granular silver on break edge. Tarnished, bent, and with silver chloride corrosion.

K1434h: The head is missing, revealing shiny, bright, granular silver on break edge. Tarnished.

Treatment: Carried out using a Meiji stereo microscope

Purpose: Study

Aim: Total cleaning

Materials: Soft natural/synthetic brushes, IMS on metals

The granular soil on the front/back was mechanically removed or reduced where possible using a bristle brush moistened with 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 except that the small amount of soil on the surface has been removed.

Key Features:

- Eight pins: seven silver or silver gilt and one gold

Samples: None