

K1706 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.

K1706a:

Dimensions: (L) 13mm (W) 2mm (D) 2.5mm

Weight before: 0.08g

Weight after: 0.08g

K1706b:

Dimensions: (L) 9mm (W) 2mm (D) 2mm

Weight before: 0.10g

Weight after: 0.10g

K1706c:

Dimensions: (L) 7.5mm (W) 1mm (D) 2mm

Weight before: 0.09g

Weight after: 0.09g

K1706d:

Dimensions: (L) 2.5mm (W) 2mm (D) 2mm

Weight before: 0.02g

Weight after: 0.02g

K1706e:

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

Weight before: 0.01g

Weight after: 0.01g

K1706f:

Dimensions: (L) 3.5mm (W) 2mm (D) 2mm

Weight before: 0.04g

Weight after: 0.04g

K1706g:

Dimensions: (L) 7.5mm (W) 2mm (D) 2mm

Weight before: 0.13g

Weight after: 0.13g

Catalogue number: 659

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.

X-ray: L103

Annotation on any of the storage bags or boxes: None

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

K1706a: Silver pin with domed head, rectangular shaft and blunt, angled tip.

K1706b: Silver pin with domed head, slightly tapered shaft and blunt, angled tip.

K1706c: Fragment of silver pin shaft.

K1706d: Silver pin fragment with flat head and broken shaft.

K1706e: Silver pin fragment with domed head and broken shaft.

K1706f: Silver pin with domed, gilded head and straight, broken shaft.

K1706g: Gold pin fragment with flat head and broken shaft.

After C. Fern renumbering the group was renumbered as follows:

K1706: Previously K1706g. Gold rivet or nail fragment with a flat head, or the expanded, hammered end of a rivet. L 6.5mm, Diam. 1mm, Wt. 0.13. Catalogue number 659.

K2063: Three silver rivets or nail fragments, two have small domed heads, gilded in at least one case. L<3.5mm, Diam heads 2mm, Wt total 0.09g. Catalogue number 675.

K2064: Three silver rivets, two have small domed heads, one is a headless shank fragment. L<13mm, Diam heads 2-2.5mm, Wt total 0.27g. Catalogue number 673.

Associated Objects: TBC

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

K1706a: The object is bent but intact. The surface has moderate to heavy tarnish (probably from burial), abrasions and a few small patches of soil and purple corrosion (likely silver chloride). There is a distinct dent on the shaft near the head.

K1706b: The object is bent but intact. The surface has moderate to heavy tarnish (probably from burial), abrasions and a few small patches of soil.

K1706c: Bent fragment of straight (i.e., not tapered) silver pin shaft. One break edge might be recent. The surface is covered with moderate grey tarnish (probably from burial) and abrasions.

K1706d: The head of the pin is flat. The shaft is broken; the break edge looks old. The surface is covered with moderate tarnish (probably from burial) and abrasions.

K1706e: The shaft is broken; the break edge looks recent. The surface is covered with moderate tarnish (probably from burial), abrasions and a little soil.

K1706f: The shaft is broken; the break edge looks old. The surface is covered with moderate tarnish (probably from burial) and abrasions.

K1706g: There are widespread patches of orange to dark brown discolouration on the surface. The head is flat and irregular in shape. The shaft is broken (break edge looks old) and straight.

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:

- Seven silver or silver gilt pins; 6 with domed heads and 1 with flat head
- One gold pin with flat head
- Some intact and some broken

Samples:

None