

## K1121 Condition Report

**FRAGILE**

**Conservation Started:** 02/05/2013

**Conservation Finished:** 02/05/2013

**Conservator:** Cymbeline Storey

**Time Taken:** 1.5 hours

Including digital photography, report, conservation and packing.

**Dimensions:** (L) 18mm (W) 12mm (D) 5mm

**Dimensions with K372:** (L) 45mm (H) 17.5mm

**Weight before:** 0.60g

**Weight after:** 0.48g

**Weight with K372:** 9.17g

**X-ray:** L55, L89

**Catalogue number:** 102

### **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

Small, torn, bent fragment of gold with beaded filigree decoration on the front; possibly part of a hilt collar. The decorative scheme appears to be an interlace formed of thick beaded wires with thin beaded wires on either side.

**Associated Objects:** K372

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

~50% of both sides of the object are covered with soil containing no remarkable features or inclusions. Visible surface is bright yellow and has general surface abrasion. Some of the filigree wires have been flattened. All edges are jagged breaks. Two wires protrude off the surface.

**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, cotton wool swabs, cocktail stick, Paraloid B72

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.

The paper K number was adhered to the back with HMG brand Paraloid B72 (ethyl methacrylate copolymer) from the tube, applied with a cocktail stick.

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.

**Post-Conservation Condition/Findings:**

The condition of the object is the same as pre-conservation apart from removal of the soil. The entire surface can now be seen.

Object has protruding wires and the break edges are jagged and might catch gloves or packaging; handle with care.

**Key Features:**

- Small, fragment of gold with beaded filigree decoration; possibly part of a hilt collar

**Samples:**

1. soil