

## K1231 Condition Report

**Conservation Started:** 1/1/13

**Conservation Finished:** 1/1/13

**Conservator:** Deborah Magnoler

**Time Taken:** 5 hrs

Including digital photography, report, conservation and packing.

**Dimensions:** (L) 25mm (H) 7mm (Th. edge) 1mm

**Weight before:** 4.38g

**Weight after:** 2.48g

**X-ray:** L52

**Catalogue number:** 119

### Digital photography:

Taken with a Nikon Coolpix 4500 digital camera, under daylight or bulbs and Meiji Techno RZ Stereo microscope with an Infinity 1 camera (with analyses capture software) and fibre optic lights, 7-75x magnification. Taken before, during and after.

### Annotation on any of the storage bags or boxes:

**Description:** Visual and microscopic examination using Meiji stereo microscope 7-75x magnification  
Narrow, gold hilt collar with individual filigree shapes (possibly in the shape of snakes – although heads are not visible). The decoration is divided into fields by vertical dividing features composed of fine double beaded and twisted wire. The outer borders are made of single lines of beaded wire.

### Associated Objects:

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

Each end is cut and bears signs of contact with a sharp object, possibly a blade. The collar is bent and this has caused the separation of the beaded wire border in one point. The surface is discoloured with a red hue which may either be oxidation or have transferred there from the 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, water on garnets, cotton wool swabs, cocktail stick, Paraloid B72 10% in acetone.

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:**

**Key Features:**

- Narrow collar with individual decorative knots/snake shapes
- Cut ends