

http://www.natsca.org

## **NSCG Newsletter**

Title: Fire and Wet Collections in Alcohol

Author(s): Not Listed.

Source: Not Listed. (1997). Fire and Wet Collections in Alcohol. NSCG Newsletter, Issue 5, The Ten

Agents of Deterioration, 1. Fire, 9.

URL: <a href="http://www.natsca.org/article/1097">http://www.natsca.org/article/1097</a>

NatSCA supports open access publication as part of its mission is to promote and support natural science collections. NatSCA uses the Creative Commons Attribution License (CCAL) <a href="http://creativecommons.org/licenses/by/2.5/">http://creativecommons.org/licenses/by/2.5/</a> for all works we publish. Under CCAL authors retain ownership of the copyright for their article, but authors allow anyone to download, reuse, reprint, modify, distribute, and/or copy articles in NatSCA publications, so long as the original authors and source are cited.

Planning throughout NMGM has taken many forms, both practical and theoretical, examining many aspects of risk management. This is viewed as a long term activity with all plans and resources being regularly reviewed and updated.

For staff evacuation and organisation during an emergency, the Personnel Department has prepared a 'Major Incident Plan'. Further to this, examples of action taken by Conservation in order to care for the collections themselves include:

- Purchase of equipment, materials and protective clothing for emergency use only
- · Formulation of basic training in emergency object handling for all staff
- Provision for key personnel to be contacted on a 24 hour basis
- Planning roles for key personnel during an emergency
- · Sourcing back up resources, for instance transport and freezer companies
- Liaison with the Merseyside Fire Brigade



Framed art nouveau poster designated for moving by Fire Brigade. PAP 4029

Contact with the Merseyside Fire Brigade has been rewarding with two major training exercises undertaken to date, the first concentrating on the Walker Art Gallery in 1995, then the Liverpool Museum in 1996 and this year the Merseyside Fire Brigade.

The aim is to examine the response of both the Fire Brigade and our own staff if a fire, smoke or the means of extinguishing (i.e. water), were to endanger the collection material.

Although the Fire Brigade's primary objective is to save life and put out the fire, they also consider damage limitation as a high priority, and NMGM is very grateful to them for their assistance with the project.

The exercises follow a series of training sessions given by the NMGM staff for the Fire Brigade crews. These give basic information on the types of object held in the building and how they are stored and displayed. Information is also given on their vulnerability along with basic guidelines for protection and handling if the objects are thought to be in serious danger.

For the exercises themselves (held on Sunday mornings to avoid disturbance to the public) we decide where the fire(s) are to be and position pretend objects nearby. The alarm is raised and the Fire Brigade utilise their crews to find the fire, fight it and also protect or remove objects in immediate danger. Each exercise is followed by a debriefing.

We can thereby evaluate the effectiveness of our training and raise the awareness and knowledge of all involved as to what problems might be encountered in a real situation. It is also an important means of examining our own emergency planning procedures and identifying the gaps in such areas as communication and use of resources for salvage activities.

## Fire and Wet Collections in Alcohol

Fire officers can get very worried at large volumes of alcohol. However, Velson Horie and Rob Waller reported seeing the wet collection at a museum in Dresden that had been fire bombed during the 2<sup>nd</sup> World War, some specimens were gently cooked but still wet.

Has anyone else anything to add to this topic?

NSCG Newsletter 5 April 1997

## Fire at Bewdley Museum Stores

Bewdley Museum store is referred to in Bordass (1996) as an example of an unheated store in a fairly new block of industrial units with an air-conditioned plaster board container kept at 16°C and de-humidified if necessary. Large scale industrial, agricultural, household and building items are housed in the main part of the store with sensitive items in the inner container which is made of insulated timber studwork and plasterboard. The door to this inner container is fitted with brush dust seals.

In early 1995, as a result of a paint spray explosion, a serious fire broke out in the adjacent unit that was being used at the time to make flock wallpaper. Within about thirty minutes, this unit was completely gutted and the metal roof girders