

# http://www.natsca.org

## **NSCG Newsletter**

Title: Insect Pest Control in Collections: A Bibliography

Author(s): Seddon, T.

Source: Seddon, T. (1998). Insect Pest Control in Collections: A Bibliography. NSCG Newsletter, Issue

7, The Ten Agents of Deterioration, 3. Pests, 30 - 31.

URL: <a href="http://www.natsca.org/article/1120">http://www.natsca.org/article/1120</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.

-						
100	-	*	~	-	-	-
F	10	c	c	z.	ĸ	rs

Froscold Refrigeration Ltd

Ormskirk, Lancashire Tel: (01695) 576139

Payne Scientific

P.O. Box 1769, Slough, Berks SL3 9YN Tel: (01753) 582441 Fax: (01753) 591353

Strevens Ltd

2nd floor, 34 Ash Street, Bootle, Liverpool L20 3HA

Tel: (0151) 933 2552 Fax: (0151) 933 2761

James W Turner (Liverpool) Ltd

Fleming Road, Speke, Liverpool L24 9LS Tel: (0151) 486 5707 Fax: (0151) 448 1204

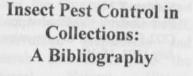
**Fumigation bubbles** 

**Power Plastics** 

Station Road, Thirsk, North Yorkshire YO7 1PZ Tel: (01845) 525503 Fax: (01845) 525485

Portable Museum Vacuum Cleaner Preservation Equipment Ltd (see above)

Micro Vacuum Attachment Kit Preservation Equipment Ltd (see above)



#### **BDH Ltd**

Hazard Data Sheets, BDH Ltd (Merck), Poole. From BDH, Tel: (0151) 486 5023 (Liverpool) or local BDH depot.

#### CCI

Examining for Insect Infestation, CCI Notes 3/1, CCI, Ottawa, 1986.

#### CCI

Controlling Insect Pests with Low Temperature, CCI Notes 3/3, CCI, Ottawa, 1997.

Child, R E and D B Pinniger

Insect trapping in museums and historic houses. In Preventive Conservation: Practice, Theory and Research, IIC Conference Proceedings, Ottawa 1994, 129-131.

## Cox, P D et al

Monitoring populations of the webbing clothes moth using pheromone lures. In Proceedings of 2nd International Conference of Insect Pests in the Urban Environment, Edinburgh, 1996.

# Dawson, John E

Solving Museum Insect Problems: Chemical Control. Technical Bulletin 15, revised by Thomas J K Strang, 1992, Canadian Conservation Institute (CCI), Ottawa Elert, Kerstin and Shin Maekawa Rentokil Bubble in nitrogen anoxia

treatment of museum pests, Studies in Conservation 42 (4), 1997, 247-252.

# Edwards, Stephen R, Bruce M Bell and Mary Elizabeth King

Pest Control in Museums: A Status Report (1980), The Association of Systematics Collections, Kansas, USA.

## Florian, Mary-Lou

Heritage Eaters, Insects and Fungi in Heritage Collections, James & James, London, 1997.

# Gilberg, Mark and Alex Roach

Laboratory evaluation of an insect growth regulator, fenoxycarb, for the control of *Tineola bisselliella* (Hum.) in museum collections, *Studies in Conservation* 42 (4), 1997, 207-210

## Howie, F (ed)

Safety in Museums and Galleries, Butterworths, London, 1987.

Health and Safety Executive (HSE)

Essentials of Health and Safety at Work, HMSO, London, 1988, revised 1990 and 1994?

# Health and Safety Executive

Occupational exposure limits. EH40/96. Updated each year.

# Neher, A and Dominique Rogers (eds)

Pest Attack and Pest Control in Organic Materials. Postprints of the UKIC Furniture Section conference, London, November 1996.

## Newton, J et al

Controlled atmospher treatment of textile pests in antique curtains using nitrogen hypoxia - a case study. Proceedings of 2nd International Conference on Insect Pests in the Urban Environment, Edinburgh, 1996.

#### Peacock, ER

Adults and Larvae of Hide, Larder and Carpet Beetles and their Relatives (Coleoptera: Dermestidae) and of Derontid Beetles (Coleoptera: Derontidae), Handbooks for the Identification of British Insects Vol 5 (3), W. R. Dolling and R. R. Askew (eds), Royal Entomological Society of London, 1993.

## Pinniger, DB

Insect Control with the Thermo Lignum Treatment, Conservation News, 59, 1996.

## Pinniger, DB

Insect Pests in Museums, Archetype Press, London, 1994.

## Reierson, D A et al

Enhancing the effectiveness of modified atmospheres to control insect pests in museums. Proceedings of 2nd International Conference on Insect Pests in the Urban Environment, Edinburgh, 1996.

## Rust, M K et al

The feasibility of using modified atmospheres to control insect pests in museums. *Restaurator*, 17 (1), 43-60, 1996.

#### Seddon, T M

Pest Control: 'Vapona' Approval & CO2 Fumigation, *Conservation News*, July 1993, 15-16.

#### Seddon, T M

Dichlorvos Approval. In: Pest Attack and Pest Control in Organic Materials, Postprints of the UKIC Furniture Section conference, London, 1996, 43.

#### Seddon, T M

The Big Chill. In: Pest Attack and Pest Control in Organic Materials, Postprints of the UKIC Furniture Section conference, London, 1996, 44-45.

## Strang, TJK

A review of published temperatures for the control of insect pests in museums. Collection Forum 8 (2) 1992, Canada.

## Zycherman, Lynda A and J R Schrock

A Guide to Museum Pest Control, Association of Systematics Collections, 730 11th Street NW, Washington DC 20001-4584, USA, 1988.

> Tracey Seddon The Conservation Centre NMGM

houses the library, research and collections and administrative staff, conservation, preparation and research laboratories and the National Natural History Collections.

Funding regimes were also very different, both the Parks and Archives building ere briefed and equipped from a wish-list and much to the surprise of Parks staff, the wishes were largely granted. The Parks building internal arrangements re designed by individual lab teams with certain specialist pieces of equipment reused, but new benching, whereas the Archives building seemed to be design to one concept and seemed to be all new. The CMN building was equipped from an entirely different stand - that of re-using as much as possible existing equipment and furniture (including items such as fume cupboards and elephant trunking but upgrading to a standard range of new storage furniture based on good quality units already in use in many of the collection areas. The upgrades and re-packing of specimens into good quality specimen containers as part of the move preparation resulted in a huge saving on temporary packing materials and time, unpacking once moved in was largely unnecessary because of

these upgrades.

Problems with the building on moving in were very different. At the National chives. the uncompromising design unfinished concrete in the storage vault has led to retrospective sealing and in one case painting inside the vaults; corridors remain unsealed and rather dusty. A last-minute modification to the design of the fine art vault had to be made at the concrete pouring stage when it s realised that the ceiling height would not be high enough for large pictures.

The building seemed to incorporate a huge amount of expansion space, however, collecting policies include all Canadian broadcasting, government paperwork an so the rate of accrual of material must be high. The conservation suite was breathtaking - it resembled a show room packed with the most modern equipment rather than a working space, however the conference tour did take place a few days fore the official opening and staff were clearly preparing for this event.

At the Parks building, problems arose due existing structures within the building, such as pillars and a rusting floor, but modifications to improve spaces we made as building progressed. Flow and movement of