

MuseumPests.net

A Product of the Integrated Pest Management Working Group

From Page: prevention, section : bibliography

Prevention

Arney, J. S., A. J. Jacobs, and R. Newman. "Influence of Oxygen on the Fading of Organic Colourants." *Journal of the American Institute for Conservation* 18 (1979): 108-17.

Arnold, William J. "Fumigation for Insect Control: Sensitive Structures, Museums and Art and Valuables Repositories." *WAAC Newsletter* 7, no. 1 (1985): 6-7.

Bailey, SW, and HJ Banks. *A Review of Recent Studies of the Effects of Controlled Atmospheres on Stored Product Pests, Controlled Atmosphere Storage of Grains*. Amsterdam, Holland: Elsevier Scientific Publishing Co., 1980.

Baker, J. *The Effect of Freezing on Ethnographic Materials: A Study Using SEM (Scanning Electron Microscopy)*. Chicago, USA: Department of Anthropology, Field Museum of Natural History.

Baker, M. T., H. D. Burgess, N. E. Binnie, M. R. Derrick, and J. R. Druzik. "Investigation of the Fumigant Vikane." in *ICOM 9th Triennial Meeting*.

Baskin, B. "Solar Bagging: Putting Sunlight to Work to Eliminate Insect Infestations in Mere Hours." *WAAC Newsletter* 23, no. 2 (2001): 20-21.

Bennett, G., J. Owens, and R. Corrigan. *Truman's Scientific Guide to Pest Management Operations*. 6th ed. Cleveland, Ohio: Advanstar Communications Inc., 2003.

Bergh, J. E., Karl-Martin Jensen, M. Akerlund, L. Hansen Stengard, and Martin Andren. "A Contribution to Standards for Freezing As a Pest Control Method for Museums." *Collection Forum* 21, no. 1-2 (2006): 117-25.

Bergh, J. E., L. Stenglrd Hansen, K.-M. Vagn Jensen, and P. Vaeggemose Nielsen. "The Effect of Anoxic Treatment on the Larvae of Six Species of Dermestids (Coleoptera)." *Journal of Applied Entomology* 127, no. 6 (2003): 317-21.

Blyth, Valerie. "Carpet Beetle the Detection, Monitoring of a Complex Site." in *International Conference of Bio Deterioration of Cultural Property*.

———. "The Indian Vase Carpet Fragment, Decisions and Discussions Prior to Conservation." *Victoria and Albert Conservation Journal* 31 (1999).

———. "Insect Trapping; The Key to Pest Management." in *Pest Prints Nordic Symposium*, eds David Pinner, and Helen Kingsley.

———. "Pest Management at the Victoria and Albert Museum." in *Post Prints, UKIC Furniture Section, Pest Control in Organic Materials* 1996.

———. "Providing Support for the Display of Bullerswood Carpet." *Big Issues* (2005).

———. "Three Methods of Washing Large Tapestry Hangings." *The Conservator* NO5 (1991).

———. "Training for Museum Staff Is a Prerequisite for Successful Insect Pest Management." in *Proceedings of 2001 A Pest Odyssey: Integrated Pest Management for Collections* 2001.

Blyth, Valerie, and Lynda Hillyer. "Carpet Beetle: A Pilot Study in Detection and Control." *The Conservator* 16 (1992).

Blyth, Valerie, and Sandra Smith. "Prevention Is Better Than the Cure." *Victoria and Albert Conservation Journal* 50 (2005).

Burke, J. "Anoxic Microenvironments: a Simple Guide." 1, no. 1 (1996): 1-4.

Burke, J. "Vapour Barrier Films." *WAAC Newsletter* 14, no. 2 (1992): 13-17.

Burke, John. *Materials and Equipment for Anoxic Fumigation*.

MuseumPests.net

A Product of the Integrated Pest Management Working Group

Busvine, JR. Insects and Hygiene. The Biology and Control of Insect Pests of Medical and Domestic Importance. 3rd ed. London: Chapman and Hall, 1980.

Carrlee, Ellen. "Does Low Temperature Pest Management Cause Damage? Literature Review and Observational Study of Ethnographic Artifacts." *Journal of the American Institute for Conservation* 42 (2003): 141-66.

Chamberlain, William R. "A New Approach to Treating Fungus in Small Libraries." *Abby Newsletter* 15, no. 7 (1991): 109.
Notes: A practical article describing the response to a mould outbreak and the preventative measures that were subsequently undertaken at the Virginia State Library (USA).

Clarke, T. *Pest Control Preventive Measures in Storage Museum of New Zealand Te Papa Tongarewa*, 1993.

Conservation Online. "Pest Management - General References." Web page, Available at <http://palimpsest.stanford.edu/bytopic/pest>.

Corey, Peter, Curator of Collections. "Alaska State Museums Bulletin Newsletters - How to Deal With Mold in Baskets." Web page, Available at <http://www.museums.state.ak.us/Bulletin/basketmold.html>.

Corrigan, R. M. *Rodent Control, A Practical Guide for Pest Management Professionals*. Cleveland, Ohio: GIE Media Inc., 2001.

Daniel, V, G Hanlon, and S Maekawa. "Eradication of Insect Pests in Museums Using Nitrogen." *WAAC Newsletter* 15, no. 3 (1993): 15-19.

Daniel, V, G Hanlon, and S Maekawa. "Non-Toxic Fumigation of Large Objects." 21st Annual Meeting of the American Institute of Conservation 1993.

Daniel, V, G Hanlon, S Maekawa, and F Preusser. "Nitrogen Fumigation: a Viable Alternative." International Council of Museums, 14th Triennial Meeting.

Daniel, V, and Lambert FL. "Ageless Oxygen Scavenger: Practical Applications." *WAAC Newsletter* 15, no. 2 (1993): 12-14.

Dawson, J. "The Effects of Insecticides on Museum Artefacts and Materials." *A Guide To Museum Pest Control*. eds L. A. Zycherman, and JR Schrock Washington DC: Association of Systematic Collections, 1988.

Doyle, Adrian M., David Pinner, and Suzanne Ryder. "Risk Zones for IPM: From Concept to Implementation." *Collection Forum* 22, no. 1-2 (2007): 23-31.

Florian, M. L. "Ethylene Oxide Fumigation: A Literature Review of the Problems and Interactions With Materials and Substances in Artefacts." *A Guide To Museum Pest Control*. eds L. A. Zycherman, and JR Schrock Washington DC: Association of Systematic Collections, 1988.

Florian, ML. "The Effect on Artefact Materials of the Fumigant Ethylene Oxide and Freezing Used in Insect Control." ICOM Committee for Conservation, 8th Triennial Meeting.

———. "The Freezing Process-Effect on Insects and Artefact Materials." *Leather Conservation News* 3, no. 1 (1986).

Gagelmann, M. First Results of a Pilot Decontamination in a PCP Polluted Building by Means of a Humidity Controlled Thermal Process.

Gilberg, M. "Inert Atmosphere Fumigation of Museum Objects." *Studies in Conservation* 34 (1989).

Gilberg, Mark. "The Effects of Low Oxygen Atmospheres on Museum Pests." *Studies in Conservation* 36 (1991): 93-98.

Hadlington, PW. *A Guide to Pest Control in Australia*. Sydney, Australia: NSW University Press, 1976.

Hanlon, G, V Daniel, N Ravenel, and S Maekawa. "Dynamic System for Nitrogen Anoxia of Large Museum Objects: A Pest Eradication Case Study." Second International Conference on Biodeterioration of Cultural Property.

Hedges, Stoy. *Field Guide for the Management of Structure Infesting Flies*. Cleveland: G.I.E. Inc., 1998.

Hedges, Stoy, and Mark Lacey. *Field Guide for the Management of Structure Infesting Beetles, Vol. 2*. Cleveland: Franzak and Foster Co..

Hillyer, L, and V Blyth. "Carpet Beetles A Pilot Study in Detection and Control." *The Conservator* 16 (1992): 65-77.

MuseumPests.net

A Product of the Integrated Pest Management Working Group

Jessup, Wendy. Integrated Pest Management: A Selected Bibliography for Collections Care. Arlington, VA: 1997.

Kesse, Erich. Letter About Fumigation.

Kigawa, R., H. Nochide, Y. Miyazawa, S. Miura, and Thomas J. K. Strang. "Carbon Dioxide Adsorption by Various Kinds of Materials in the Eradication of Museum Pest Insects." *Science for Conservation* 42, no. 79-86.

Kingsley, Helen, David Pinner, Amber Xavier-Rowe, and Peter Winsor. Integrated Pest Management for Collections, Proceedings of 2001: A Pest Odyssey English Heritage.

Koestler, R. "Practical Application of Nitrogen and Argon Fumigation Procedures for Insect Control in Museum Objects." in *International Conference of Bio Deterioration of Cultural Property*, 96-98/1992.

Koestler, R., T. Crtomir, and F. Pohleven. "A New Approach on the Conservation of Wooden Heritage." *International Research Group on Wood Preservation, 35th Annual Meeting Stockholm, Sweden : International Research Group Secretariat*, 2004.

Linnie, Martyn J. "Integrated Pest Management: A Proposed Strategy for Natural History Museums." *Museum Management and Curatorship* 15, no. 2 (1996): 133-43.

Maekawa, Shin, and Kerstin Elert. *The Use of Oxygen-Free Environments in the Control of Museum Insect Pests. Studies in Conservation*. Los Angeles: Getty Conservation Institute, 2003.

Mallis, Arnold. *Handbook of Pest Control* Mallis Handbook and Technical Training Company, 1997.

———. *Handbook of Pest Control : the Behavior, Life History, and Control of Household Pests* by Arnold Mallis. 9 ed. Cleveland, OH: GIE Media Inc., 2004.

Notes: Includes bibliographical references and indexes. Submitted by Laura Smyk

Mastromei, G. "Choosing a Museum Vacuum Cleaner." (2003): 189-90.

Mibach, Lisa. "Modifications to Home Freezers for Pest Control." *WAAC Newsletter* (1994): 26-27.

Motylewsky, Karen. "Pest, Insect & Fungus Management - Conference Notes." .

Mueller, D. *Stored Product Protection...A Period of Transition*. Indianapolis: Insects Limited, Inc., 1998.

National Park Service. "Annoyance Environments: A Treatment for Pest Control." (1999).

———. "Dusting Wood Objects." (2002): 1-4.

National Park Service. "National Park and Service Integrated Pest Management Manual." Web page, Available at <http://www.nature.nps.gov/biology/ipm/manual/museum.cfm>.

Nicholson, Mark, and Werner von Rotberg. "Controlled Environment Heat Treatment As a Safe and Efficient Method of Pest Control." *The 2nd International Conference on Insect Pests in the Urban Environment*.

Pinner, David. "Insect Control with the Thermo Lignum Treatment." Web page, Available at <http://www.bodley.ox.ac.uk/dept/preservation/training/pests/bibliog/thermo.htm>.

Pinner, David. *Insect Pests in Museums* Institute of Archaeology Publications, 1989.

Pinner, David, Adrian Meyer, and Annette Townsend. *Pest Management in Museums, Archives and Historic Houses*. London: Archetype Publications Ltd., 2001.

Pinzl, Ann. "Modifying a Freezer for Pest Control." *SPNHC Newsletter* 7 (2), no. 4 (1993).

———. "Modifying a Freezer for Pest Control." in *Modifications to Home Freezers for Pest Control*. *WAAC Newsletter*. Lisa Mibach, 26-27. Vol. 16. 1994.

Price, Lois Olcott. *Managing a Mold Invasion: Guidelines For Disaster Response*. CCAHA Technical Series, No. 1. Philadelphia, PA: Conservation Centre For Art and Historic Artifacts, 1996.

Notes: An excellent summary of response and recovery techniques. Includes a good bibliography that cites articles on the effects of fumigation on collections. Available from CCAHA . 264 South 23rd Street, Philadelphia, PA, 19111; (215) 545-0613, fax (215)

MuseumPests.net

A Product of the Integrated Pest Management Working Group

735-9313, or email: CCAHA@shrsys.hslc.org

Rose, C. L. Storage of Natural History Collections: A Preventive Conservation Approach. SPNHC..., 1995.

Rust, Michael K., and Janice M. Kennedy. The Feasibility of Using Modified Atmospheres to Control Insect Pests in Museums. Getty Conservation Institute, 1993.

Schwartz, P. H. Guidelines for the Control of Insect and Mite Pests of Food, Fibers, Feeds, Ornamentals, Livestock, and Households. USDA-ARS Handbook, 584. Washington, D.C. U.S. Department of Agriculture, Agricultural Research Service, 1982.

Selwitz, Charles and Shin Maekawa. "Inert Gases in the Control of Museum Insect Pests." Web page, Available at http://www.getty.edu/conservation/publications/pdf_publications/inertgases.pdf.

Housekeeping for Historic Sites. Society for the Preservation of New England Antiques. The Museum Shop.

Story, Keith O. Approaches to Pest Management in Museums. Suitland, Maryland: Smithsonian Institution Conservation Analytical Laboratory, 1985.

Strang, Thomas J. K. "A Brief Guide to Thermal and Controlled Atmosphere Treatments for Insect Eradication." Preventive Conservation Working Group Letter 1:4 (1995).

———. "Controlling Insect Pests With Low Temperature." CCI Note 3/3, Canadian Conservation Institute, 1997.

———. "Detecting Infestations: Facility Inspection Procedure and Checklist." CCI Note 3/2, Canadian Conservation Institute, Monitoring and Detection, 1996.

———. "The Effects of Thermal Methods of Pest Control on Museum Collections." in Preprints of the 3rd International Conference on Biodeterioration of Cultural Property, pp 199-212.

———. "A Healthy Dose of the Past? A Future Direction in Herbarium Pest Control." in Managing the Modern Herbarium, An Interdisciplinary Approach. eds D. A. Metsger, and S. C. Byers Vancouver: Elton-Wolf, 1999.

———. "I've Got Bugs in My Pockets and I Don't Know What to Do With Them." AAM Museum News 84, no. 4 (2005): 46-47.

———. "Preventing Infestations: Control Strategies and Detection Methods." CCI Note 3/1, Canadian Conservation Institute, 1996.

———. "Principles of Heat Disinfestation." in Integrated Pest Management for Collections, Proceedings of 2001: A Pest Odyssey, eds Helen Kingsley, David Pinning, Amber Xavier-Rowe, and Peter Winsor, Chapter 18, pp 114-29 London: James and James.

———. "Reducing the Risks to Collections From Pests." Canadian Conservation Institute Newsletter 14:8 (1994).

———. "A Review of Published Temperatures for the Control of Pest Insects in Museums." Collection Forum 8, no. 2 (1992): 41-67.

———. "Thermal Control of Museum Insect Pests: Basic Principles and Practical Examples Worldwide." Research on Methyl Bromide Alternatives, 2001-2003. (2002).

Strang, Thomas J. K., and John E. Dawson. "Controlling Museum Fungal Problems." Canadian Conservation Institute Technical Bulletin, Canadian Conservation Institute, 1991.

———. "Controlling Vertebrate Pests in Museums." Canadian Conservation Institute Technical Bulletin, Canadian Conservation Institute, 1991.

———. "Solving Museum Insect Problems: Chemical Control." Canadian Conservation Institute Technical Bulletin, Canadian Conservation Institute, 2000.

Strang, Thomas J. K., and R. Kigawa. "Levels of IPM Control, Matching Conditions to Performance and Effort." in SPNHC, 20th Conference Postprint Collection Forum.

The Chicora Foundation. Managing: Pests in Your Collections.

MuseumPests.net

A Product of the Integrated Pest Management Working Group

The National Trust. *Manual of Housekeeping: The Care and Collections in Historic Houses Open to the Public*. Amsterdam: Elsevier/ Butterworth and Heinemann, 2006.

U.S. Army Environmental Hygiene Agency (USAEHA) Entomological Sciences Division. "Pest Management Bulletin - Heat and Cockroaches." Web page, Available at <http://chppm-www.apgea.army.mil/ento/bulmar94.htm#HEAT AND COCKROACHES>.

Valentin, N. "Insect Eradication in Museums and Archives by Oxygen Replacement, a Pilot Project." in ICOM Committee for Conservation 9th Triennial Meeting Los Angeles: ICOM Committee for Conservation, 1990.

Warscheid, Thomas. "Integrated Concepts for the Protection of Cultural Artifacts Against Biodeterioration." *Of Microbes and Art: The Role of Microbial Communities in the Degradation and Protection of Cultural Heritage* (2000).

Williams, S., and S. McLaren. "Modification of Storage Design to Mitigate Insect Problems." *Collection Forum* 6, no. 1 (1990): :27-32.

Zycherman, Lynda, and JR Schrock, ed. *A Guide to Museum Pest Control*. Washington: Association of Systematics Collections, 1988.