

Velson Horie

Publications

1. Books and journals

- a. J.Cronyn and C.V.Horie, *St.Cuthbert's Coffin: History, Technology and Conservation*, Dean and Chapter of Durham Cathedral (1985).
- b. C.V.Horie, *Materials for Conservation- Adhesives, consolidants and lacquers*, Butterworths (1987), revised reprint (1990) and reprints, second edition (2010)
<http://www.elsevierdirect.com/product.jsp?isbn=9780750669054>
- c. C.V.Horie ed., *Natural History Conservation* (the Newsletter of the Working Group on Natural History Collections, International Council of Museums-Conservation Committee) issues 1 (with F.Howie) (1986), 2-6 (1987-1991), 7 (with R.Waller) (1992)
- d. C.V.Horie & R.G.Murphy eds., *Conservation of Natural History Specimens - Vertebrates*, Department of Environmental Biology and Manchester Museum (Manchester University) (1988)
- e. Editorial Board of *Elsevier (Butterworths) Series on Conservation and Museology* (1988-present)
- f. C.V.Horie ed., *Conservation of Natural History Specimens - Spirit Collections* Department of Environmental Biology and Manchester Museum (Manchester University) (1989)
- g. Editorial board of *Studies in Conservation*, journal of the International Institute for Conservation (1990-1994)
- h. C.V.Horie & D.Kenyon, *Chemistry for Conservators* (Distance Learning Programme), International Academic Projects (1990-present)
- i. N.S.Allen, M.Edge & C.V.Horie eds., *Polymers in Conservation* Royal Society of Chemistry (1992)
- j. C.V.Horie ed., *Conservation of Decorative Art* UKIC and Archetype (1999)
- k. C.V.Horie & A.Tzanne eds., *Conservation Dictionary*, PK Net International (2001)
- l. Editorial board of *The Conservator*, journal of The Institute of Conservation (ex UKIC) (2002 -2008, deputy editor 2004-2008)
- m. C.V.Horie ed., *Advances in Paper Conservation Research*, British Library (2009)
<http://www.bl.uk/aboutus/stratpolprog/ccare/events/BL%20Paper%20Conservation%20V7.pdf>

.....

2. Papers - museum environment

- a. C.V.Horie, Solar control films for reducing light levels in buildings with daylight, in *Conservation within Historic Buildings*, N.S.Brommelle, G.Thomson and P.Smith eds., IIC (1980) 49-54
- b. C.V.Horie and D.M.Francis, A pilot study of moisture vapour transmission rate through Stewart's plastic boxes, *Conservation News* 23 (1984) 13-14
- c. C.V.Horie, Not quite self-filling humidifiers, *Conservation News* 24 (1984) 16-17
- d. C.V.Horie, Conservation and Storage: Decorative Art, in *Manual of Curatorship*, ed. J.M.A.Thompson, Butterworths (1984) 277-288
- e. C.V.Horie, Preventative Conservation in Museums- a review, *Conservation News* 28 (1985) 44
- f. C.V.Horie & A.Millward, Lighting the new Egyptian Galleries at the Manchester Museum, in *Lighting in Museums, Galleries and Historic Houses* (preprints) 119-122, Museums Association (1987)
- g. Velson Horie, & J. Barry, Solvent resistance of marking inks, *Conservation News* 41 (1990 March) 11-12
- h. C.V.Horie, Storage improvements to Manchester's mummies, in *Preprints of "Conservation of Ancient Egyptian Materials" Bristol* December 1988, United Kingdom Institute for Conservation (1988)
- i. C.V.Horie, Conservation and storage: leather objects, in *Manual of Curatorship* 2nd edn., ed. J.M.A.Thompson, Butterworths (1992) 340-346

.....

3. Papers - archaeological conservation

- a. C.V.Horie, The consolidative reduction of lead, *Conservation News* 12 (1980) 9-10
- b. C.V.Horie, review of "First Aid for Marine Finds", W.S.Robinson (1981), *Conservation News* 15 (1981) 10

- c. C.V.Horie and J.A.Vint, Chalconatronite, a by-product of conservation?, *Studies in Conservation* 29 (1982) 185-186
- d. C.V.Horie, Scalpel attachment for vibrotool, *Conservation News* 18 (1983) 7
- e. C.V.Horie, Fibre optic illuminators, *Conservation News* 21 (1983) 8
- f. Velson Horie, St Cuthbert and his Coffin, *Popular Archaeology*, October 1986, 7
- g. J.M.Cronyn & C.V.Horie, The Anglo-Saxon Coffin - further investigations, in *St.Cuthbert, His Cult and Community to 1200*, eds. D.Rollason, G.Bonner & C.Stancliffe, Boydell & Brewer (1989) 247-256
- h. T.Ramussen & C.V.Horie, Etruscan incised impasto: a case of partial authenticity, in *Proceedings of Third Congress on Ancient Greek and Related Pottery*, ed. J.Christiansen and T.Melander, Ny Carlsberg Glyptotek (1988) 478-485
- i. C.V.Horie, Conservation treatments: Technology, perception and fashion, in *Konserveringsmidler & Konservergsmethoder* [Consolidants and Conservation Methods], F.Hanseen-Bauer & K Kollandsrud eds, NFK-N (1997) 7-18

.....

4. Papers - natural history specimen conservation

- a. C.V.Horie, Sealing of Museum Jars, *Conservation News* 20 (1983) 13-14
- b. C.V.Horie, Renovation of the Bird Gallery at Manchester Museum- Conservation aspects, *Biology Curator's Group Newsletter* 3 (1983) 331-8
- c. C.V.Horie, Deterioration of fur, *Conservation News* 21 (1983) 9
- d. P.J.Ashley and C.V.Horie, A list of birds with known feather colourant systems, *Biological Curator's Group Newsletter* 3 pt.8 (1984)
- e. R.Garner and C.V.Horie, The conservation and restoration of microscope slides of mosses, *Studies in Conservation* 29 (1984) 93-99
- f. P.Hanacziwskyj, C.V.Horie & C.A.Shuttleworth, Deterioration of natural history specimens, *Guild of Taxidermists Newsletter* 14 (1985) 9-11
- g. C.V.Horie Conservation and the Specimen, in *Natural History Conservation* no. 1 (April 1986) 4-5.
- h. C.V.Horie Describing the Condition of Mounted Animals, in *Natural History Conservation* no. 2 (August 1987) 4-5
- i. P.Hanacziwskyj, C.V.Horie & C.A.Shuttleworth, Taxidermy treatments and their effect on tensile properties of skin, in *Proceedings of 'Leather-Its composition and changes with time'*, ed. C.Calnan & B.Haines, Leather Conservation Centre (1991) 51-55
- j. P.Hanacziwskyj, C.V.Horie & C.A.Shuttleworth, Effects of taxidermy treatments on DSC behaviour of deer skin collagen, in *Proceedings of 'Leather-its composition and changes with time'*, ed. C.Calnan & B.Haines, Leather Conservation Centre (1991) 56-59
- k. C.V.Horie, Damage to Skin and Bone, in *Conservation of Natural History Specimens - Vertebrates*, eds. C.V.Horie & R.G.Murphy, Department of Environmental Biology and Manchester Museum (Manchester University) (1988) 27-39
- l. C.V.Horie, Treatment for deteriorated specimens, in *Conservation of Natural History Specimens - Vertebrates*, eds. C.V.Horie & R.G.Murphy, Department of Environmental Biology and Manchester Museum (Manchester University) (1988) 49-62
- m. P.Hanacziwskyj, C.V.Horie & C.A.Shuttleworth, Hydrothermal Isometric tension apparatus and application to the study of thermal stability of preserved red deer skin, *J.Society Leather Technologists and Chemists* 73 (1989) 105-109
- n. C.V.Horie, Priorities for the conservation of natural history collections, *Natural History Conservation* 4 (1989) 3-5
- o. C.V.Horie, Deterioration of skin in museum collections, *Polymer Degradation and Stability* 29 (1990) 109-133
- p. C.V.Horie, Fading of feathers by light, in *Proceedings 9th triennial meeting of ICOM-Conservation Committee, Dresden 1990*, (1990) 431-436
- q. C.V.Horie, Preservation of natural macromolecules, in eds. N.S.Allen, M.Edge & C.V.Horie, *Polymers in Conservation* Royal Society of Chemistry (1992) 32-46
- r. C.V.Horie, Evidence to the House of Lords Select Committee on Science and Technology, *Systematic Biology Research* HL Paper 41 (1990-91) 100-103
- s. P.Hanacziwskyj, C.V.Horie & C.A.Shuttleworth, Age related changes in red deer skin, Part 1 Tensile properties, *J.Society Leather Technologists and Chemists* 77 (1993) 179-182

- t. C.V.Horie, Conservation in Europe, in eds. C.L.Rose, S.L.Williams & J.Gisbert, in *International Symposium and First World Congress on the Preservation and Conservation of Natural History Collections 10-15 May 1992, Congress Book vol.3* Madrid Consejería de Educación y Cultura (1993) 189-197
- u. C.V.Horie, Do they do it better anywhere else?, in *Conservierung van naturhistorische collecties*, Centraal Laboratorium voor Onderzoek van Voorwerpen van Kunst en Wetenschap (1994) 97-114
- v. P.Hanacziwskyj, C.V.Horie & C.A.Shuttleworth, Age related changes in red deer skin, Part 2: Role of oxygen *J.Society Leather Technologists and Chemists* 78 (1993) 23-25
- w. G.Clelland, V.Horie & I.Wallace, Targeting collection care: costing and targeting collection care in northwest England, in eds. J.R.Nudds & C.W.Pettit *The Value and Valuation of Natural Science Collections*, Geological Society (1997) 222-226
- x. C.V.Horie expert group member for, *Standards in the Museum Care of Biological Collections*, C.Paine ed., Museums & Galleries Commission (1992)
- y. C.V.Horie expert group member for, Duckworth, W. D., H. H. Genoways, and C. L. Rose *Preserving Natural Science Collections: Chronicle of our Environmental Heritage*. National Institute for the Conservation of Cultural Property, Washington, D.C. (1993)

.....

5. Papers - audio-visual materials conservation

- a. C.V.Horie and K.Howarth, review of The Preservation and Restoration of Sound Recordings, J.McWilliams (1979), *J.Soc.Archivists* 6 (1981) 512-514
- b. C.V.Horie, Ethics in the Conservation of Audio-visual Archives, in *Newsletter of the International Association of Sound Archives (UK Branch)* no.12 (Spring 1986) p.9
- c. N.S.Allen, M.Edge, J.H.Appleyard, T.S.Jewitt, C.V.Horie & D.Francis, Degradation of historic cellulose triacetate cinematographic film: The Vinegar Syndrome, *Polymer Degradation and Stability* 19 (1987) 379-387
- d. M.Edge, N.S.Allen, J.H.Appleyard, T.S.Jewitt & C.V.Horie, Cellulose Acetate: an archival polymer falls apart, in *Preprints of "Modern Organic Materials" Edinburgh*, Scottish Society for Conservation and Restoration (1988), 67-70
- e. N.S.Allen, M.Edge, J.H.Appleyard, T.S.Jewitt, C.V.Horie & D.Francis, Acid-catalysed hydrolytic degradation of historic cellulose triacetate cinematographic film : The Vinegar Syndrome, in *Proceedings of 'Water Borne and Higher Solids Coatings Symposium'* New Orleans (1988) Organised by the University of Southern Mississippi and the Southern Society for Coatings Technology.
- f. N.S.Allen, M.Edge, J.H.Appleyard, T.S.Jewitt & C.V.Horie, The nature of the degradation of archival cellulose-ester base motion picture film: The case for stabilisation, *J. Photographic Science* 36 (1988) 34-39
- g. N.S.Allen, M.Edge, J.H.Appleyard, T.S.Jewitt & C.V.Horie, Degradation of historic cellulose triacetate cinematograph film: Influence of various film parameters and prediction of archival life, *J.Photographic Science* 36 (1988) 194-198
- h. N.S.Allen, M.Edge, J.H.Appleyard, T.S.Jewitt & C.V.Horie, Degradation of cellulose triacetate cinematograph film: Prediction of archival life, *Polymer Degradation and Stability* 23 (1988) 43-50
- i. N.S.Allen, M.Edge, J.H.Appleyard, T.S.Jewitt, C.V.Horie & D.Francis, Acid-catalysed degradation of historic cellulose triacetate cinematograph film: Influence of various film parameters, *European Polymer J.* 24 (1988) 707-712
- j. N.S.Allen, M.Edge, J.H.Appleyard, T.S.Jewitt & C.V.Horie, Degradation and stabilisation of historic cellulose acetate/nitrate base motion picture film, *J.Photographic Science* 36 (1988) 103-106
- k. N.S.Allen, M.Edge, J.H.Appleyard, T.S.Jewitt & C.V.Horie, The deterioration characteristics of archival cellulose triacetate base cinematographic film, *J.Photographic Science* 36 (1988) 199-203
- l. N.S.Allen, M.Edge, J.H.Appleyard, T.S.Jewitt & C.V.Horie, Fundamental aspects of the degradation of cellulose triacetate base cinematograph film, *Polymer Degradation and Stability* 25 (1989) 345-362
- m. N.S.Allen, M.Edge, J.H.Appleyard, T.S.Jewitt & C.V.Horie, The long term stability of cellulose-ester coatings, in *Proceedings of the "Water borne and higher Solids Coatings Symposium New Orleans 1989*, Organised by the University of Southern Mississippi and the Southern Society for Coatings Technology
- n. N.S.Allen, M.Edge, T.S.Jewitt & C.V.Horie, Stabilisation of cellulose triacetate base motion picture film, *J.Photographic Science* 38 (1990) 26-29

- o. M.Edge, N.S.Allen, M.Hayes, P.N.K.Riley, C.V.Horie, J.Luc-Gardette, Mechanisms of deterioration in cellulose nitrate base archival cinematographic film, *European Polymer J.* 26 (1990) 623-630
- p. N.S.Allen, M.Edge, T.S.Jewitt & C.V.Horie, Initiation of the degradation of cellulose triacetate base motion picture film, *J. Photographic Science* 38 (1990) 54-59
- q. M.Edge, N.S.Allen, T.S.Jewitt & C.V.Horie, Inhibition of oxidative and hydrolytic degradation pathways in archival cellulose-triacetate base cinematographic films, *Polymer Degradation and Stability* 29 (1990) 31-48
- r. M.Edge, N.S.Allen, D.A.R.Williams, F.Thompson, C.V.Horie, Methods for predictive stability testing of archival polymers: A preliminary assessment of cellulose triacetate based motion picture film, *Polymer Degradation and Stability* 35 (1992) 147-155
- s. N.S.Allen, M.Edge, T.S.Jewitt & C.V.Horie, Degradation and stabilisation of cellulose triacetate base motion picture film, *J. Imaging Science and Technology* 36 (1992) 4-12
- t. M.Edge, N.S.Allen, W.Chen & C.V.Horie, Degradation of magnetic tape: Binder oxidation studies *European Polymer J.* 29 (1993) 1031-1035
- u. M.Edge, N.S.Allen, M.Hayes, T.S.Jewitt, K.Brems & V.Horie, Degradation of magnetic tape: Support and binder stability *Polymer Degradation and Stability* 39 (1993) 207-214

.....

6. Papers - polymers in conservation

- a. C.V.Horie, Reversibility of polymer treatments, in *Resins in Conservation*, eds. J.O.Tate, N.H.Tennent and J.H.Townsend, Scottish Society for Conservation and Restoration (1983) ch.3
- b. C.V.Horie, Materials in glass conservation, 165-185 in *Glass Conservation*, eds. R.G.Newton and S.Davison, Butterworths (1989)
- c. Velson Horie, Silicones seal specimens, *BDH News* July 1989, 4
- d. C.V.Horie, Resins; useful but a problem, in *Resins Ancient and Modern* eds. M.M.Wright and J.H.Townsend, Scottish Society for Conservation and Restoration (1995) 1-3
- e. C.V.Horie & J.S.Mills, Resins, in *Dictionary of Art*, Macmillans (1996)
- f. C.V.Horie, Consolidants, in *Dictionary of Art*, Macmillans (1996)
- g. I.K.L.Vestergaard & C.V.Horie, A comparison of the interaction of five adhesives with mastadon tooth adherends, in *Proceedings 11th triennial meeting of ICOM-Conservation Committee, Edinburgh 1996*, (1996) 938-843
- h. C.V.Horie, Does what we want exist? in *Adhesives and Consolidants*, CCI (2011)
- i. Velson Horie, Animal Glues, in *The Conservation, Restoration, and Repair of Stringed Instruments and Their Bows*, ed. Tom Wilder, Archetype Publications (2011) v.1 488-493
- j. Velson Horie, Adhesives, consolidants, coatings, in *The conservation of panel paintings and related objects Research agenda 2014 -2020*, eds. Nico Kos and Paul van Duin, NWO (The Hague) (2014) 91-114
- k. Velson Horie, Consolidation in conservation - An overview, in *Konsolidieren und Kommunizieren*, ed. Angela Weyer, Michael Imhof Verlag, (Petersberg) (2018), 29-37

.....

7. Papers - management and professional

- a. C.V.Horie, Museums Collections: Use or abuse (1981 Museums Association Conference), *Conservation News* 17 (1982) 6-7
- b. C.V.Horie, Conservation Grants- an analysis, *Conservation News* 28 (1985) 2-5.
- c. C.V.Horie, Who is a curator?, *Int.J.Museum Management and Curatorship* 5 (1986) 267-272.
- d. C.V.Horie, Professional accreditation of conservators: the development of professionalism in the conservation profession, *NPO Journal*, 5 (1999)
- e. C.V.Horie, Industrial standards of terminology for conservation, in *Terminology for Museum Documentation*, ed. D.A.Roberts, Museums Documentation Association (1990) 473-486
- f. C.V.Horie, Industrial standards of terminology for conservation of museum objects, in *Standardization News*, 17 (4) (1989) 40-43 [republication of 7d at the request of American Society for Testing and Materials]
- g. S.Keene (for the Working Party), *Collections Condition Surveys*, Museum of London (1991)
- h. C.V.Horie, The role of the informed client, recognising the need for specialist studies, in *Delivering a Successful Museum Building*, ed. M.Cassar, Royal Armouries Museum (1999) 45-50

- i. C.V.Horie, A massive step sideways, Professionalisation in Europe, *Conservation News* 68 (1999) 4-5
- j. C.V.Horie & J.Navarro, Writing for Conservation, *Conservation News* 69 (1999) 11-15
- k. C.V.Horie (Chair) for Joint Accreditation Group, *Professional Accreditation of Conservator-Restorers (documents 1-5)*, National Council for Conservation-Restoration (1999). Current documents are at
- l. C.V.Horie, Professional Accreditation of Conservators: The development of professionalism in the conservation profession, *NPO Journal*, 5 (1999) 6-7
- m. C.V.Horie, Standards in Conservation *Museums in Britain*, 1 (2000) 5-6
- n. Velson Horie, Can conservators read (or write)?, *Icon News*, (Jan 2007) 60

.....

8. Paper - paper conservation

- a. Barry Knight & Velson Horie, The Identical Books Project, *International Preservation News*, 42 (2007) 18-21
- b. Velson Horie, The Identical Books Project –a survey of condition of paper across 6 UK libraries, *Proceedings of the Durability of paper and Writing II conference, Ljubljana* (2008)
- c. Velson Horie, The Identical Books Project, in *Advances in Paper Conservation Research*, ed. C.V.Horie, British Library (2009)
- d. Velson Horie, Measurements of Identical Books in the Legal Deposit Libraries, in *Advances in Paper Conservation Research*, ed. C.V.Horie, British Library (2009)
- e. Velson Horie, The smell of old books: Novel methods of measuring volatile organic compounds, *Mass Matters* 59 (July 2009) 17-18
- f. Gibson, L. T., A. Ewlad-Ahmed, B.Knight, V. Horie, G. Mitchell, C. Robertson. Measurement of volatile organic compounds emitted in libraries and archives: an inferential indicator of paper decay?, *Chemistry Central Journal* 6 (2012).