

UCLQG213: Introduction to Conservation Practice

[View Online](#)

-
1. Caple C. Conservation Skills: Judgement, Method and Decision Making. Routledge; 2000.
<https://www.dawsonera-com.libproxy.ucl.ac.uk/abstract/9780203086261>

 2. Cleaning [Science For Conservators]. Vol 2. Conservation Unit of the Museums & Galleries Commission in conjunction with Routledge; 1992.
<http://www.tandfebooks.com.libproxy.ucl.ac.uk/ISBN/9780203989449>

 3. Adhesives and Coatings [Science For Conservators]. Vol Science for conservators. New ed. The Conservation Unit of the Museums & Galleries Commission in conjunction with Routledge; 1992. <http://UCL.eblib.com/patron/FullRecord.aspx?p=1143796>

 4. Buys S, Oakley V. The Conservation and Restoration of Ceramics. Butterworth-Heinemann; 1993. <http://ucl.eblib.com/patron/FullRecord.aspx?p=1924488>

 5. Cronyn JM. The Elements of Archaeological Conservation. Routledge; 1990.

 - 6.

Davison S. Conservation and Restoration of Glass. Butterworth-Heinemann; 2003.

7.

Hansen E. A review of selected inorganic consolidants and protective treatments for porous calcareous materials. *Studies in conservation*. 2003;48(2):13-25.
<http://www.maneyonline.com/doi/abs/10.1179/sic.2003.48.Supplement-1.13>

8.

Stephen P. Koob, Corning Museum of Glass. *Conservation and Care of Glass Objects*. Archetype in association with the Corning Museum of Glass; 2006.

9.

Larson J. The conservation of stone sculpture in museums. In: Ashurst J, Dimes FG, eds. *Conservation of Building and Decorative Stone*. Vol Part 2. Butterworth-Heinemann; 1998:197-207.
<https://www-dawsonera-com.libproxy.ucl.ac.uk/readonline/9780080502908/startPage/408>

10.

Oddy A, ed. *Restoration: Is It Acceptable?* British Museum Department of Conservation; 1994.

11.

Price CA. Conservation of architectural sculpture. In: Kahn D, ed. *The Romanesque Frieze and Its Spectator : The Lincoln Symposium Papers*. H. Miller Publishers; 1992.

12.

Pye E. *Caring for the Past: Issues in Conservation for Archaeology and Museums*. James & James; 2001.

13.

Buy S, Oakley V. Examination and recording. In: The Conservation and Restoration of Ceramics. Vol Butterworth-Heinemann series in conservation and museology. Butterworth-Heinemann; 1993:40-59.
<http://ucl.eblib.com/patron/FullRecord.aspx?p=1924488>

14.

Cleaning [Science For Conservators]. Vol 2. Conservation Unit of the Museums & Galleries Commission in conjunction with Routledge; 1992.
<http://www.tandfebooks.com.libproxy.ucl.ac.uk/ISBN/9780203989449>

15.

Buy S, Oakley V. Cleaning. In: The Conservation and Restoration of Ceramics. Vol 1993. Butterworth-Heinemann; 1993. <http://ucl.eblib.com/patron/FullRecord.aspx?p=1924488>

16.

Koob SP. Cleaning glass. In: Conservation and Care of Glass Objects. Archetype in association with the Corning Museum of Glass; 2006.

17.

J. Johnson et al. Identification of chemical and physical change during acid cleaning of ceramics. In: Pamela B. Vandiver et al., ed. Materials Issues in Art and Archaeology IV: Cancun, Mexico, May 16-20, 1994. Materials Research Society; 1995:831-837.

18.

Costaras N, Turnbull R. Master Bertram's Apocalypse triptych: to clean or not to clean. Conservation journal. 2009;(58).
<http://www.vam.ac.uk/content/journals/conservation-journal/autumn-2009-issue-58/master-bertrams-apocalypse-triptych-to-clean-or-not-to-clean/>

19.

Williams N. Dismantling and cleaning. In: Porcelain Repair and Restoration: [A Handbook]. New ed. British Museum; 1983:30-47.

20.

Paterakis AB. The deterioration of ceramics by soluble salts and methods for monitoring their removal. In: Recent Advances in the Conservation and Analysis of Artifacts: Jubilee Conservation Conference Papers. Summer Schools Press [for] University of London Institute of Archaeology; 1987:67-72.

21.

Paterakis AB. The desalination of consolidated ceramics. In: Paterakis AB, ed. Glass, Ceramics and Related Materials. EVTEK Institute of Art and Design, Dept. of Conservation Studies; 1998:144-153.

22.

Julie Unruh. A revised endpoint for ceramics desalination at the archaeological site of Gordion, Turkey. *Studies in Conservation*. 2001;46(2):81-92.
http://www.jstor.org.libproxy.ucl.ac.uk/stable/1506839?origin=crossref&seq=1#page_scan_tab_contents

23.

Jang S, Nam B, Park D, Kim H, Lee CH, Yu JE. Desalination characteristics for ceramics excavated from Taean shipwreck, Korea. *Journal of Cultural Heritage*. 2013;14(3):229-237. doi:10.1016/j.culher.2012.05.006

24.

Koob SP, Ng WY. The desalination of ceramics using a semi-automated continuous washing station. *Studies in Conservation*. 2000;45(4):265-273. doi:10.1179/sic.2000.45.4.265

25.

MacLeod ID, Davies JA. Desalination of glass, stone and ceramics recovered from shipwreck sites. In: Preprints [of the] 8th Triennial Meeting ICOM Committee for Conservation, Sydney, Australia, 6-11 September 1987. Vol 3. Getty Conservation Institute [on behalf of the ICOM Committee for Conservation]; 1987.

26.

Muros V, Hirx J. The use of cyclododecane as a temporary barrier for water-sensitive ink on archaeological ceramics during desalination. *Journal of the American Institute for Conservation*. 2004;43(1):75-89.

http://www.jstor.org.libproxy.ucl.ac.uk/stable/3179852?origin=crossref&seq=1#page_scan_tab_contents

27.

Burden L, Smith C, Calcutt P, Henderson M. The reconservation of 105 Bronze age ceramics. *The Conservator*. 2004;28(1):37-46. doi:10.1080/01410096.2004.9995201

28.

Down JL, MacDonald MA, Tétreault J, Williams RS. Adhesive Testing at the Canadian Conservation Institute: An Evaluation of Selected Poly(Vinyl Acetate) and Acrylic Adhesives. *Studies in Conservation*. 1996;41(1):19-44.

http://www.jstor.org.libproxy.ucl.ac.uk/stable/1506550?origin=crossref&seq=1#page_scan_tab_contents

29.

Horie CV. Materials for Conservation: Organic Consolidants, Adhesives and Coatings. 2nd ed. Butterworth-Heinemann; 2010.

30.

Koob SP. Paraloid B-72: 25 years of use as a consolidant and adhesive for ceramics and glass. In: Ambers J, ed. *Holding It All Together: Ancient and Modern Approaches to Joining, Repair and Consolidation*. Archetype Publications in association with the British Museum; 2009:113-119.

31.

Nel P. A preliminary investigation into the identification of adhesives on archaeological pottery. *AICCM Bulletin*. 2006;30(1):27-37. doi:10.1179/bac.2006.30.1.004

32.

P. Nell et al. New conservation, education and research roles for a university Cypriot pottery collection. Museums Australia National Conference 2010 Interesting times: new roles for collections 28 September–2 October 2010 University of Melbourne. Published online 2010.
https://www.academia.edu/15396397/New_Conservation_Education_and_Research_Roles_for_a_University_Cypriot_Pottery_Collection

33.

Alexiou K, Müller NS, Karatasios I, Kilikoglou V. The performance of different adhesives for archaeological ceramics under mechanical stress. *Applied Clay Science*. 2013;82:10-15. doi:10.1016/j.clay.2013.05.017

34.

Janet Ambers ... [et al.], ed. *Holding It All Together: Ancient and Modern Approaches to Joining, Repair and Consolidation*. Archetype Publications in association with the British Museum; 2009.

35.

Feller RL, Wilt M. Evaluation of Cellulose Ethers for Conservation (1990) - Ethers.Pdf. The Getty Conservation Institute; 1990.
http://www.getty.edu/conservation/publications_resources/pdf_publications/pdf/ethers.pdf

36.

Michaela Neiro. Adhesive replacement: potential new treatment for stabilization of archaeological ceramics. *Journal of the American Institute for Conservation*. 2003;42(2):237-244.
http://www.jstor.org.libproxy.ucl.ac.uk/stable/3180071?origin=crossref&seq=1#page_scan_tab_contents

37.

Oddy A, ed. *Restoration: Is It Acceptable?* British Museum Department of Conservation; 1994.

38.

Buyt S, Oakley V. Replacement of lost material. In: The Conservation and Restoration of Ceramics. Vol Butterworth-Heinemann series in conservation and museology. Butterworth-Heinemann; 1993:119-138.
<http://ucl.eblib.com/patron/FullRecord.aspx?p=1924488>

39.

Koob S. Detachable plaster restorations for archaeological ceramics. In: Recent Advances in the Conservation and Analysis of Artifacts: Jubilee Conservation Conference Papers. Summer Schools Press [for] University of London Institute of Archaeology; 1987:63-66.

40.

Stephen Koob. Obsolete fill materials found on ceramics. Journal of the American Institute for Conservation. 1998;37(1):49-67.
http://www.jstor.org.libproxy.ucl.ac.uk/stable/3179911?sid=primo&origin=crossref&seq=1#page_scan_tab_contents

41.

Risser E. A New Technique for the Casting of Missing Areas in Glass Restoration. Journal of Conservation and Museum Studies. 1997;3. doi:10.5334/jcms.3973

42.

Jonathan Thornton. A brief history and review of the early practice and materials of gap-filling in the west. Journal of the American Institute for Conservation. 1998;37(1):3-22.
http://www.jstor.org.libproxy.ucl.ac.uk/stable/3179908?origin=crossref&seq=1#page_scan_tab_contents

43.

Oddy A, ed. Restoration: Is It Acceptable? British Museum Department of Conservation; 1994.

44.

Davison S, Newton RG. Conservation and Restoration of Glass. Vol Butterworth-Heinemann series in conservation and museology. 2nd ed. Butterworth-Heinemann; 2003.
<http://www.tandfebooks.com.libproxy.ucl.ac.uk/isbn/9780080569314>

45.

Davison S. Historic cut-glass chandeliers: recording and conservation. In: Tennent NH, ed. The Conservation of Glass and Ceramics: Research, Practice and Training. James & James; 1999:208-216.

46.

Fletcher PJ, Freestone I, Geschke R. Analysis and conservation of a weeping glass scarab. The British Museum technical research bulletin. 2008;2:45-48.
<http://www.britishmuseum.org/pdf/BMTRB%202%20Fletcher.pdf>

47.

Oakley V. Five years on: a reassessment of aspects involved in the conservation of glass objects for a new gallery at the Victoria and Albert Museum. In: Tennent NH, ed. The Conservation of Glass and Ceramics: Research, Practice and Training. James & James; 1999:217-228.

48.

Oakley V. Vessel glass deterioration at the Victoria and Albert museum: Surveying the collection. The Conservator. 1990;14(1):30-36. doi:10.1080/01410096.1990.9995054

49.

Altavilla C, Ciliberto E, La Delfa S, Panarello S, Scandurra A. The cleaning of early glasses: investigation about the reactivity of different chemical treatments on the surface of ancient glasses. Applied Physics A. 2008;92(1):251-255. doi:10.1007/s00339-008-4499-x

50.

Koob SP. Cleaning glass. In: Conservation and Care of Glass Objects. Archetype in association with the Corning Museum of Glass; 2006.

51.

Carmona N, Wittstadt K, Römich H. Consolidation of paint on stained glass windows: comparative study and new approaches. *Journal of Cultural Heritage*. 2009;10(3):403-409. doi:10.1016/j.culher.2008.12.004

52.

Davison S, Newton RG. Conservation and Restoration of Glass. Vol Butterworth-Heinemann series in conservation and museology. 2nd ed. Butterworth-Heinemann; 2003.
<http://www.tandfebooks.com.libproxy.ucl.ac.uk/isbn/9780080569314>

53.

Sandra Davison. Reversible fills for transparent and translucent materials. *Journal of the American Institute for Conservation*. 1998;37(1):35-47.
http://www.jstor.org.libproxy.ucl.ac.uk/stable/3179910?origin=crossref&seq=1#page_scan_tab_contents

54.

Koob S. Detachable plaster restorations for archaeological ceramics. In: Recent Advances in the Conservation and Analysis of Artifacts: Jubilee Conservation Conference Papers. Summer Schools Press [for] University of London Institute of Archaeology; 1987:63-66.

55.

Martinez B, Pasies T, Peiro MA. Reversibility and minimal intervention in the gap-filling process of archaeological glass. *e-conservation magazine*. 2011;(20).
<http://www.slideshare.net/trosa/reversibility-and-minimal-intervention-in-the-gap-filling-process-of-archaeological-glass-por-betlem-martnez-trinidad-pases-y-m-amparo-peir-en-econservation-n-20-2011-pp-4054>

56.

Costa V. The deterioration of silver alloys and some aspects of their conservation. *Studies in Conservation*. 2001;46(2):18-34. doi:10.1179/sic.2001.46.2.18

57.

Lang J, Middleton A, eds. Radiography of Cultural Material. 2nd ed. Elsevier Butterworth-Heinemann; 2005.
<https://www-dawsonera-com.libproxy.ucl.ac.uk/abstract/9780080455600>

58.

English Heritage. Guidelines on the X-radiography of archaeological metalwork. Jones DM, ed. Published online 2006.
<https://content.historicengland.org.uk/images-books/publications/x-radiography-of-archaeological-metalwork/xradiography.pdf/>

59.

Watkinson D. Conservation, corrosion science and evidence-based preservation strategies for metallic heritage artefacts. In: Philippe Dillmann ... [et al.], ed. Corrosion and Conservation of Cultural Heritage Metallic Artefacts. Woodhead Publishing; 2013.
<http://www.sciencedirect.com.libproxy.ucl.ac.uk/science/article/pii/B9781782421542500025>

60.

Bertholon R. Archaeological metal artefacts and conservation issues: long-term corrosion studies. In: P. Dillmann ... [et al.], ed. Corrosion of Metallic Heritage Artefacts: Investigation, Conservation and Prediction for Long Term Behaviour. Vol European Federation of Corrosion publications. Woodhead Pub; 2007.
[https://app.knovel.com/web/view/swf/show.v/rclid:kpcMHAICP2/cid:kt004L6RJ3/viewerType:pdf/root_slug:corrosion-metallic-heritage?cid=kt004L6RJ3&page=1&b-toc-cid=kpcMHAICP2&b-toc-root-slug=corrosion-metallic-heritage&b-toc-url-slug=archaeological-metal&b-toc-title=Corrosion%20of%20Metallic%20Heritage%20Artefacts%20-%20Investigation%2C%20Conservation%20and%20Prediction%20for%20Long-term%20Behaviour%20\(EFC%2048\)](https://app.knovel.com/web/view/swf/show.v/rclid:kpcMHAICP2/cid:kt004L6RJ3/viewerType:pdf/root_slug:corrosion-metallic-heritage?cid=kt004L6RJ3&page=1&b-toc-cid=kpcMHAICP2&b-toc-root-slug=corrosion-metallic-heritage&b-toc-url-slug=archaeological-metal&b-toc-title=Corrosion%20of%20Metallic%20Heritage%20Artefacts%20-%20Investigation%2C%20Conservation%20and%20Prediction%20for%20Long-term%20Behaviour%20(EFC%2048))

61.

Khatibul Huda. A Note on the ffficacy of ethylenediaminetetra-acetic acid disodium salt as a stripping agent for corrosion products of copper. Studies in Conservation. 2002;47(3):211-216.
<http://www.jstor.org.libproxy.ucl.ac.uk/stable/1506874?sid=primo&origin=crossref>

62.

Matteini M, Lalli C, Tosini I, Giusti A, Siano S. Laser and chemical cleaning tests for the conservation of the Porta del Paradiso by Lorenzo Ghiberti. *Journal of Cultural Heritage*. 2003;4:147-151. doi:10.1016/S1296-2074(02)01190-1

63.

Glenn Wharton, Susan Lansing Maish and William S. Ginell. A comparative study of silver cleaning abrasives. *Journal of the American Institute for Conservation*. 1990;29(1):13-31.
http://www.jstor.org.libproxy.ucl.ac.uk/stable/3179588?sid=primo&origin=crossref&seq=1#page_scan_tab_contents

64.

The Getty Conservation Institute. Gels cleaning research (1998-2003).
http://www.getty.edu/conservation/our_projects/science/gels/

65.

Wolbers R. Cleaning Painted Surfaces: Aqueous Methods. Archetype; 2000.

66.

Wolbers R. The use of gels in aqueous conservation of paper. Published online 2013.
https://www.youtube.com/watch?v=mu7_nS-zF1c&list=PLNks1HQNOQxS8-7_qZPuRQg6NXnymx71M

67.

Cleaning [Science For Conservators]. Vol 2. Conservation Unit of the Museums & Galleries Commission in conjunction with Routledge; 1992.
<http://www.tandfebooks.com.libproxy.ucl.ac.uk/ISBN/9780203989449>

68.

Cano E, Lafuente D. Corrosion inhibitors for the preservation of metallic heritage artefacts. In: Corrosion and Conservation of Cultural Heritage Metallic Artefacts. Elsevier; 2013:570-594. doi:10.1533/9781782421573.5.570

69.

Golfomitsou S. Synergistic Effects of Additives to Benzotriazole Solutions Applied as Corrosion Inhibitors to Archaeological Copper and Copper Alloy Artefact. University College London Institute of Archaeology; 2006. <http://discovery.ucl.ac.uk/1444721/1/U592030.pdf>

70.

Golfomitsou S, Merkel JF. Synergistic effects of corrosion inhibitors for copper and copper alloy archaeological artefacts. In: Ashton J, Hallam D, eds. Metal 04 [Proceedings of the International Conference on Metals Conservation: Canberra, Australia, 4-8 October 2004]. National Museum of Australia; 2004:344-367.
http://www.nma.gov.au/__data/assets/pdf_file/0003/346062/NMA_metals_s3_p10_synergistic_effects.pdf

71.

Rimmer M, Watkinson D, Wang Q. The efficiency of chloride extraction from archaeological iron objects using deoxygenated alkaline solutions. Studies in Conservation. 2012;57(1):29-41. doi:10.1179/2047058411Y.0000000005

72.

Guilminot E, Neff D, Rémazeilles C, et al. Influence of crucial parameters on the dechlorination treatments of ferrous objects from seawater. Studies in Conservation. 2012;57(4):227-236. doi:10.1179/2047058412Y.0000000011

73.

Rimmer M, Watkinson D, Wang Q. The impact of chloride desalination on the corrosion rate of archaeological iron. Studies in Conservation. 2013;58(4):326-337. doi:10.1179/2047058412Y.0000000068

74.

Watkinson D, Lewis MT. Desiccated storage of chloride-contaminated archaeological iron objects. Studies in Conservation. 2005;50(4):241-252. doi:10.1179/sic.2005.50.4.241

75.

Watkinson D, Rimmer MB, Kergourlay F. Alkaline desalination techniques for archaeological iron. In: Corrosion and Conservation of Cultural Heritage Metallic Artefacts. Elsevier; 2013:407-433. doi:10.1533/9781782421573.5.407

76.

Costa V. The deterioration of silver alloys and some aspects of their conservation. Studies in Conservation. 2001;46(2):18-34. doi:10.1179/sic.2001.46.2.18

77.

Drews MJ, González-Pereyra NG, Mardikian P, de Viviés P. The application of subcritical fluids for the stabilization of marine archaeological iron. Studies in Conservation. 2013;58(4):314-325. doi:10.1179/2047058412Y.0000000079

78.

Sease C, Selwyn LS, Zubiate S, Bowers DF, Atkins DR. Problems with coated silver: whisker formation and possible filiform corrosion. Studies in Conservation. 1997;42(1):1-10. doi:10.1179/sic.1997.42.1.1

79.

Justo-Estebaranz A, Herrera LK, Duran A, et al. Analysis of the restoration of an historical organ: the case study of the Cavaillé-Coll organ of La Merced Church in Burgos, Spain. Studies in Conservation. 2012;57(1):21-28. doi:10.1179/2047058411Y.0000000001

80.

Dorothy H. Abramitis. Statue of an old woman: a case study in the effects of restorations on the visual aspect of sculpture. The Metropolitan Museum of Art Bulletin. 1998;55(3):30-37.
http://www.jstor.org.libproxy.ucl.ac.uk/stable/3258800?origin=crossref&seq=1#page_scan_tab_contents

81.

Cooper M, Larson J. The use of laser cleaning to preserve patina on marble sculpture. *The Conservator*. 1996;20(1):28-36. doi:10.1080/01410096.1996.9995100

82.

D'Armada P, Hirst E. Nano-lime for consolidation of plaster and stone. *Journal of Architectural Conservation*. 2012;18(1):63-80. doi:10.1080/13556207.2012.10785104

83.

Dinsmore J. Conservation and storage: stone. In: Thompson JMA, ed. *Manual of Curatorship: A Guide to Museum Practice*. Butterworth-Heinemann; 1992:364-368.
<http://ucl.eblib.com/patron/FullRecord.aspx?p=2125435>

84.

Price CA, Doehne EF. Stone Conservation: An Overview of Current Research [2nd Edition]. Vol Research in conservation. 2nd ed. Getty Conservation Institute; 2010.
http://www.getty.edu/conservation/publications_resources/pdf_publications/pdf/stoneconservation.pdf

85.

Eric Hansen et al. A review of selected inorganic consolidants and protective treatments for porous calcareous materials. *Reviews in conservation*. 2003;(4).
http://www.academia.edu/2845661/A_review_of_selected_inorganic_consolidants_and_protective_treatments_for_porous_calcareous_materials

86.

Henry A, ed. Stone Conservation: Principles and Practice. Donhead; 2006.
<http://www.ucl.eblib.com/patron/FullRecord.aspx?p=4186381>

87.

Jenkins I. Cleaning and Controversy: The Parthenon Sculptures 1811-1939. Vol The British Museum occasional paper. British Museum; 2001.

88.

Larson J. The conservation of stone sculpture in museums. In: Ashurst J, Dimes FG, eds. Conservation of Building and Decorative Stone. Vol Part 2. Butterworth-Heinemann; 1998:197-207.
<https://www-dawsonera-com.libproxy.ucl.ac.uk/readonline/9780080502908/startPage/408>

89.

Michele Marincola. A standing virgin at the cloisters: the conservation and restoration of a medieval alabaster. *The Metropolitan Museum of Art Bulletin*. 1998;55(3):38-45.
http://www.jstor.org.libproxy.ucl.ac.uk/stable/3258801?origin=crossref&seq=1#page_scan_tab_contents

90.

Price CA, Getty Conservation Institute. Stone Conservation: An Overview of Current Research. Getty Conservation Institute; 1996.
http://www.getty.edu/conservation/publications_resources/pdf_publications/pdf/stoneconservation_1st.pdf

91.

Agnew N, Maekawa S. Preserving Nefertari's legacy. *Scientific American*. 1999;(October).
<http://www.nature.com.libproxy.ucl.ac.uk/scientificamerican/journal/v281/n4/pdf/scientificamerican1099-74.pdf>

92.

Allanbrook T, Normandin KC. The restoration of the Fifth Avenue facades of the Metropolitan Museum of Art. *APT Bulletin*. 2007;38(4):45-53.
<http://www.jstor.org.libproxy.ucl.ac.uk/stable/40004811>

93.

Allemand L, Bahn PG. Best way to protect rock art is to leave it alone. *Nature*. 2005;433(7028):800-800. doi:10.1038/433800c

94.

Ashurst J, Dimes FG, eds. Conservation of Building and Decorative Stone. Vol Butterworth-Heinemann series in conservation and museology. Paperback ed. Butterworth-Heinemann; 1998.
<https://www.dawsonera.com/guard/protected/dawson.jsp?name=https://shib-idp.ucl.ac.uk/shibboleth&dest=http://www.dawsonera.com/depp/reader/protected/external/AbstractView/S9780080502908>

95.

Cardano P, Ponterio RC, Sergi S, Lo Schiavo S, Piraino P. Epoxy-silica polymers as stone conservation materials. *Polymer*. 2005;46(6):1857-1864.
doi:10.1016/j.polymer.2005.01.002

96.

Franco Cariati, Laura Rampazzi, Lucia Toniolo and Andrea Pozzi. Calcium oxalate films on stone surfaces: experimental assessment of the chemical formation. *Studies in Conservation*. 2000;45(3):180-188.
http://www.jstor.org.libproxy.ucl.ac.uk/stable/1506764?origin=crossref&seq=1#page_scan_tab_contents

97.

Charola AE, Ware R. Acid deposition and the deterioration of stone: a brief review of a broad topic. In: Siegesmund S, Weiss T, Vollbrecht A, eds. *Natural Stone, Weathering Phenomena, Conservation Strategies and Case Studies*. Vol Geological Society special publication. Geological Society; 2002:393-406.

98.

Constantinides I. Traditional lime plaster: myths, preconceptions and the relevance of good practice. *The Building Conservation Directory*. Published online 1995.
<http://www.buildingconservation.com/articles/plaster/plaster.htm>

99.

Cooper MI, Emmony DC, Larson J. Characterization of laser cleaning of limestone. *Optics &*

Laser Technology. 1995;27(1):69-73. doi:10.1016/0030-3992(95)93962-Q

100.

Degryse P, Elsen J, Waelkens M. Study of ancient mortars from Sagalassos (Turkey) in view of their conservation. Cement and Concrete Research. 2002;32(9):1457-1463.
doi:10.1016/S0008-8846(02)00807-4

101.

Delegou ET, Avdelidis NP, Karaviti E, Moropoulou A. NDT&E techniques and SEM-EDS for the assessment of cleaning interventions on Pentelic marble surfaces. X-Ray Spectrometry . 2008;37(4):435-443. doi:10.1002/xrs.1101

102.

Rodrigues JD, Valero J. A brief note on the elimination of dark stains of biological origin. Studies in Conservation. 2003;48(1):17-22.
<http://www.jstor.org.libproxy.ucl.ac.uk/stable/1506820>

103.

Eric Doehe et al. Evaluation of poultice desalination process at Madame Johns' Legacy, New Orleans. Lukaszewicz JW, Niemcewicz P, eds. Proceedings of the 11th International Congress on Deterioration and Conservation of Stone, 15-20 September 2008, Torun', Poland. Published online 2008.
http://www.academia.edu/2845645/Evaluation_of_poultice_desalination_process_at_Madame_Johns_Legacy_New_Orleans

104.

Doherty B, Pamplona M, Selvaggi R, et al. Efficiency and resistance of the artificial oxalate protection treatment on marble against chemical weathering. Applied Surface Science. 2007;253(10):4477-4484. doi:10.1016/j.apsusc.2006.09.056

105.

Domasłowski W, ed. Preventive Conservation of Stone Historical Objects. Wydawnictwo Uniwersytetu Mikołaja Kopernika; 2003.

106.

M. Favaro et al. A novel approach to compatible and durable consolidation of limestone. In: Łukascewicz JW, Niemcewicz P, eds. 11th International Congress on Deterioration and Conservation of Stone, 15-20 September 2008, Torun, Poland : Proceedings : Volume 2. Uniwersytetu Mikołaja Kopernika; 2008:865-872.

107.

Getty Conservation Institute. Preservation of Lime Mortars and Plasters Bibliography. Published online 2003.

http://www.getty.edu/conservation/publications_resources/pdf_publications/lime_mortar_plasters_category.html

108.

Carol A. Grissom. Neolithic statues from 'Ain Ghazal: construction and form. American Journal of Archaeology. 2000;104(1):25-45.

http://www.jstor.org.libproxy.ucl.ac.uk/stable/506791?origin=crossref&seq=1#page_scan_tab_contents

109.

Grossman JB, Podany J, True M, J. Paul Getty Museum. History of Restoration of Ancient Stone Sculptures. J. Paul Getty Museum; 2003.

<http://www.getty.edu/publications/virtuallibrary/0892367237.html>

110.

Kerstin Elert, Carlos Rodriguez-Navarro, Eduardo Sebastian Pardo, Eric Hansen and Olga Cazalla. Lime Mortars for the Conservation of Historic Buildings. Studies in Conservation. 2002;47(1):62-75. <http://www.jstor.org.libproxy.ucl.ac.uk/stable/1506835?origin=crossref>

111.

Larson J. Sculpture conservation: treatment or reinterpretation? In: Lindley P, ed. Sculpture Conservation: Preservation or Interference?. Scolar Press; 1997:69-81.

112.

Mitchell DJ, Searle DE, eds. Stone Deterioration in Polluted Urban Environments. Science Publishers

113.

Turkington AV, ed. Stone Decay in the Architectural Environment. Vol Special paper / Geological Society of America. Geological Society of America; 2005.

114.

Price CA. Predicting environmental conditions to minimise salt damage at the Tower of London: a comparison of two approaches. *Environmental Geology*. 2007;52(2):369-374. doi:10.1007/s00254-006-0477-9

115.

Price C, Brimblecombe P. Preventing salt damage in porous materials. In: Roy A, Smith P, eds. Preventive Conservation: Practice, Theory and Research : Preprints of the Contributions to the Ottawa Congress, 12-16 September 1994. International Institute for Conservation of Historic and Artistic Works; 1994:90-93.

116.

Clifford Price, Keith Ross and Graham White. A further appraisal of the 'lime technique' for limestone consolidation, using a radioactive tracer. *Studies in Conservation*. 1988;33(4):178-186.
http://www.jstor.org.libproxy.ucl.ac.uk/stable/1506313?origin=crossref&seq=1#page_scan_tab_contents

117.

Rowe S, Rozeik C. The uses of cyclododecane in conservation. *Studies in Conservation*. 2008;53(Supplement-2):17-31. doi:10.1179/sic.2008.53.Supplement-2.17

118.

Sweek T, Simpson SJ. An unfinished Achaemenid sculpture from Persepolis. The British Museum technical research bulletin. 2009;3:83-88.
http://www.academia.edu/3489697/An_unfinished_Achaemenid_sculpture_from_Persepolis

119.

Webb AH, Bawden RJ, Busby AK, Hopkins JN. Studies on the effects of air pollution on limestone degradation in Great Britain. Atmospheric Environment Part B Urban Atmosphere. 1992;26(2):165-181. doi:10.1016/0957-1272(92)90020-S

120.

Wheeler G, Getty Conservation Institute. Alkoxysilanes and the Consolidation of Stone. Vol Research in conservation. Getty Conservation Institute, Windsor; 2005.

121.

Giovanni Verri et al. Assyrian Colours: pigments on a neo-Assyrian relief of a parade horse. The British Museum technical research bulletin. 2009;3:57-62.
http://www.academia.edu/3489625/Assyrian_colours_pigments_on_a_neo-Assyrian_relief_of_a_parade_horse

122.

Zafiropulos V, Balas C, Manousaki A, et al. Yellowing effect and discoloration of pigments: experimental and theoretical studies. Journal of Cultural Heritage. 2003;4:249-256.
doi:10.1016/S1296-2074(02)01205-0

123.

Doyal S. Condition survey of Barkcloth at Exeter Museums, with particular reference to the African collections. In: Wright MM, ed. Barkcloth: Aspects of Preparation, Use, Deterioration, Conservation and Display : Seminar Organised by the Conservators of Ethnographic Artefacts at Torquay Museum on 4 December 1997. Vol Conservators of Ethnographic Artefacts. Archetype; 2001:10-19.

124.

Johnson A. Evaluation of the use of SC6000 in conjunction with Klucel G as a conservation treatment for bookbinding leather: notes on a preliminary study. *Journal of the Institute of Conservation*. 2013;36(2):125-144. doi:10.1080/19455224.2013.815646

125.

Kite M. Collagen products: glues, gelatine, gut membrane and sausage casings. In: *Conservation of Leather and Related Materials*. Vol Butterworth-Heinemann series in conservation and museology. Butterworth-Heinemann; 2006:192-197.
<https://www.dawsonera-com.libproxy.ucl.ac.uk/readonline/9780080454665/startPage/215>

126.

Kite M, Thomson R. *Conservation of Leather and Related Materials*. Vol Butterworth-Heinemann series in conservation and museology. Butterworth-Heinemann; 2006.
<https://www.dawsonera.com/guard/protected/dawson.jsp?name=https://shib-idp.ucl.ac.uk/shibboleth&dest=http://www.dawsonera.com/depp/reader/protected/external/AbstractView/S9780080454665>

127.

Norton RE. Conservation of artifacts made from plant materials. In: *The Conservation of Artifacts Made from Plant Materials*. Getty Conservation Institute; 1990:195-286.
http://www.getty.edu/conservation/publications_resources/pdf_publications/pdf/cons_artifacts.pdf

128.

Smith C, Winkelbauer H. Conservation of a Māori eel-trap: practical and ethical issues. *Studies in Conservation*. 2006;51(Supplement-2).
<http://www.maneyonline.com.libproxy.ucl.ac.uk/doi/abs/10.1179/sic.2006.51.Supplement-2.128>

129.

Wills B, ed. *Leather Wet and Dry: Current Treatments in the Conservation of Waterlogged and Dried Archaeological Leather*. Archetype for the Archaeological Leather Group; 2001.

130.

Canadian Conservation Institute. Care of alum, vegetable, and mineral tanned leather - CCI Notes 8/2. <http://www.cci-icc.gc.ca/resources-ressources/ccinotesicc/8-2-eng.aspx>

131.

Canadian Conservation Institute. Care of rawhide and semi-tanned leather - CCI Notes 8/4. <http://www.cci-icc.gc.ca/resources-ressources/ccinotesicc/8-4-eng.aspx?pedisable=true>

132.

Dorge V, Howlett FC, eds. Painted Wood: History and Conservation. Getty Conservation Institute; 1998.
http://www.getty.edu/conservation/publications_resources/pdf_publications/paintedwood.html

133.

Driggers JM, Mussey RD, Garvin SM. Treatment of an ivory-inlaid Anglo-Indian desk bookcase. Wooden Artifacts Group of the American Institute for Conservation. Published online 1991. http://cool.conservation-us.org/coolaic/sg/wag/1991/WAG_91_driggers.pdf

134.

I. M. Godfrey, E. L. Ghisalberti, E. W. Beng, L. T. Byrne and G. W. Richardson. The analysis of ivory from a marine environment. Studies in Conservation. 2002;47(1):29-45.
http://www.jstor.org.libproxy.ucl.ac.uk/stable/1506833?origin=crossref&seq=1#page_scan_tab_contents

135.

Hocker E, Almkvist G, Sahlstedt M. The Vasa experience with polyethylene glycol: A conservator's perspective. Journal of Cultural Heritage. 2012;13(3):S175-S182.
doi:10.1016/j.culher.2012.01.017

136.

Kennedy A, Pennington ER. Conservation of chemically degraded waterlogged wood with sugars. *Studies in Conservation*. 2014;59(3):194-201.
doi:10.1179/2047058413Y.0000000109

137.

Esmay F, Griffith R. An investigation of cleaning methods for untreated wood. *Wooden Artifacts Group of the American Institute for Conservation*. Published online 2004.
http://cool.conservation-us.org/coolaic/sg/wag/2004/esmay_griffith_04.pdf

138.

Gregory D, Jensen P, Strætkvern K. Conservation and in situ preservation of wooden shipwrecks from marine environments. *Journal of Cultural Heritage*. 2012;13(3):S139-S148.
doi:10.1016/j.culher.2012.03.005

139.

MacGregor A. Bone, Antler, Ivory & Horn: The Technology of Skeletal Materials since the Roman Period. Croom Helm; 1985.

140.

Macchioni N, Pizzo B, Capretti C, Giachi G. How an integrated diagnostic approach can help in a correct evaluation of the state of preservation of waterlogged archaeological wooden artefacts. *Journal of Archaeological Science*. 2012;39(10):3255-3263.
doi:10.1016/j.jas.2012.05.008

141.

Canadian Conservation Institute. Care and cleaning of unfinished wood - CCI Notes 7/1.
<http://www.cci-icc.gc.ca/resources-ressources/ccinotesicc/7-1-eng.aspx>

142.

Canadian Conservation Institute. Care of furniture finishes - CCI Notes 7/2.
<http://www.cci-icc.gc.ca/resources-ressources/ccinotesicc/7-2-eng.aspx>

143.

Hacke M. Weighted silk: history, analysis and conservation. *Studies in Conservation*. 2008;53(Supplement-2):3-15. doi:10.1179/sic.2008.53.Supplement-2.3

144.

Landi S. The Ardabil carpet. In: *The Textile Conservator's Manual*. Vol Butterworth-Heinemann series in conservation and museology. 2nd ed. Butterworth-Heinemann; 1998:277-285.
<https://www-dawsonera-com.libproxy.ucl.ac.uk/readonline/9780080518749/startPage/296>

145.

Johnson E. The deacidification and conservation of a Samoan tapa at the Manchester Museum. In: Wright MM, ed. *Barkcloth: Aspects of Preparation, Use, Deterioration, Conservation and Display : Seminar Organised by the Conservators of Ethnographic Artefacts at Torquay Museum on 4 December 1997*. Vol Conservators of Ethnographic Artefacts. Archetype; 2001.

146.

Tetley H. Underfoot and overlooked: conservation treatment of eighteenth- and nineteenth-century British carpets in historic houses. *Studies in Conservation*. 2012;57(s1):S295-S304. doi:10.1179/2047058412Y.0000000046

147.

Brooks M, Lister A, Eastop D, Bennett T. Artifact or information? Articulating the conflicts in conserving archaeological textiles. *Studies in Conservation*. 1996;41(Supplement-1):16-21. doi:10.1179/sic.1996.41.Supplement-1.16

148.

Hocker E, Almkvist G, Sahlstedt M. The Vasa experience with polyethylene glycol: A conservator's perspective. *Journal of Cultural Heritage*. 2012;13(3):S175-S182. doi:10.1016/j.culher.2012.01.017

149.

Hoffmann I, Oppel C, Prévost S, et al. The influence of polymers, surfactants and salt on the fine structure of cotton revealed by SANS. *Colloids and Surfaces B: Biointerfaces*. 2012;91:175-180. doi:10.1016/j.colsurfb.2011.10.054

150.

P. Orlofsky [...et al.]. Recording change: 1978-2008: the cleaning of a needlework sampler. In: Lennard F, Ewer P, eds. *Textile Conservation: Advances in Practice*. Vol Butterworth-Heinemann series in conservation and museology. Butterworth-Heinemann; 2010:163-171.

151.

Toth M. Lessons learned from conserving metal thread embroidery in the Esterházy Collection, Budapest, Hungary. *Studies in Conservation*. 2012;57(s1):S305-S312. doi:10.1179/2047058412Y.0000000056

152.

Carter D, Walker AK. *Care and Conservation of Natural History Collections*. Butterworth-Heinemann; 1999.

153.

The Convention on Biological Diversity. About the Nagoya Protocol.
<https://www.cbd.int/abs/about/>

154.

Collins C. Standards in the care of wet collections.
<http://conservation.myspecies.info/node/33>

155.

Eklund JA, Thomas MG. Assessing the effects of conservation treatments on short sequences of DNA in vitro. *Journal of Archaeological Science*. 2010;37(11):2831-2841. doi:10.1016/j.jas.2010.06.019

156.

Hebert PDN, Cywinska A, Ball SL, deWaard JR. Biological identifications through DNA barcodes. *Proceedings of the Royal Society B: Biological Sciences*. 2003;270(1512):313-321. doi:10.1098/rspb.2002.2218

157.

Howie FM, ed. *The Care and Conservation of Geological Material: Minerals, Rocks, Meteorites and Lunar Finds*. Vol Butterworth-Heinemann series in conservation and museology. Butterworth-Heinemann; 1992.
<http://www.tandfebooks.com.libproxy.ucl.ac.uk/ISBN/9781315042626>

158.

López-Polín L, Ollé A, Cáceres I, Carbonell E, Bermúdez de Castro JM. Pleistocene human remains and conservation treatments: the case of a mandible from Atapuerca (Spain). *Journal of Human Evolution*. 2008;54(5):539-545. doi:10.1016/j.jhevol.2007.07.011

159.

Marte F, Pequignot A, von Endt DW. Arsenic in taxidermy collections: history, detection, and management. *Collection forum*. 2006;21(1-2).
http://www.sphc.org/media/assets/cofo_2006_V21N12.pdf

160.

Natural Sciences Collections Association. A matter of life and death: natural science collections: why keep them and why fund them? Published online 2005.
<http://natsca.org/sites/default/files/publications-full/A-Matter-Of-Life-And-Death.pdf>