## References:

Ahmed Kadry, (1986), the Solar Boat of Cheops, in the International Journal of Nautical Archaeology and underwater exploration, 15.2, the Nautical Archaeology Trust Ltd.

Alok Tripathi, (1996), Marine Archaeological Exploration; Applications of Scientific tools and techniques, in Marine Archaeology: The Global Perspectives, Kuppuram, G., Kumudumani. K.

Allen Brownstein, (1981) the chemistry of polyethylene glycol, Grattan, D. (ed), Proceedings of the ICOM Waterlogged Wood Working Group Conference

Alok Tripathi, (2005), Marine Archaeology- Recent Advances, Agamkala Prakashan, India

Alwin, G. Steinmayer Jr and Jean MacIntosh Turfa, (1996) Effects of shipworm on the performance of ancient Mediterranean warships In The International Journal of Nautical Archaeology, The Nautical Archaeology Society, 25.2

Anderson D.G., Cornfield J.A., and Williams G.R., (1991), Water based Fixed Preservatives in Thompson R. (editor) the chemistry of wood preservation

Ann Brooke Craddock, (1992) Control of temperature and humidity in small collection, in Conservation concerns a guide for collections and curators, Konstanze Bachmann(Ed), Smithsonian Institute Press, Washington DC.

Anthony Crawshaw(1993), A simple method for PEG analysis



Antiquities (Amendment) Act, No 24 of 1998, printed at the Department of Government Printing, Sri Lanka

Antiquities Ordinance No.9 of 1940, Printed at the Department of Government Printing, Ceylon

Antony Firth, (1993), The management of archaeological underwater- archaeological resource management of the UK an Introduction, edited by John Hunter and Ian Ralston, Sutton Publishing Limited Institute of Field Archaeologists, UK

Antony Firth, (2006), Old shipwreck and new dredging: an Elizabethan Ship in the Thames, Robert Grenier, David Nutley and Ian Cochran (eds) in heritage at risk; underwater cultural heritage at risk: managing natural and human impacts, ICOMOS France

Archaeological Sites of National Importance Act, No 16 of 1990, printed at the Department of Government Printing, Sri Lanka

A.J. Pitman, A. M. Jones and E. A. Gareth Jones, A threat to stored archaeological timbers, The Wharf-Borer Nacerdes Melanurali

Bandaranayake, S.,(1993) the Maritime archaeology and long-range history, in Maritime Archaeology In Sri Lanka The Galle Harbour Project, Green, J. & Devendra, S. (ed), The Archaeological Department of Sri Lanka, The Central Cultural Fund, The Western Australian Maritime Museum, The Post Graduate Institute of Archaeology

Barbara, A. Purdy,(1982), Survey, recovery and treatment of wooden artefacts in Florida, in Proceedings of the ICOM Waterlogged Wood Working Group

Conference, Ottawa, 1981, Published by The International Council of Museums, Committee for Conservation Waterlogged Wood Working Group, Ottawa

Barkman, L., (1973), the Preservation of the Warship of Wasa

Barry Lord, the manual of museum management, ALTAMIRA Press

Barrykaye David, J. Cole-Hamilton and Kathryn Morphet, Supercritical drying; a new method for conserving waterlogged archaeological material

Becht-Haarlem, H.J.W.(1989), East Indiaman Amsterdam(stichting VOC- ship Amsterdam

Becker1971, Corrosion of metal in wood products in durability of building materials
University of Moratuwa, Sri Lanka.

Electronic Theses & Dissertations

www.lib.mrt.ac.lk

Bernard- Maugiron, H., Ginier- Gillet, A. and Tran, K.Q,(1991) The necessary adjustments of the Polyethylene Glycol impregnation/freeze drying method for the treatment of medium sized waterlogged archaeological wood. Ed. P.Hoffmann, Proceedings of the 4<sup>th</sup> ICOM group on wet organic archaeological material conference, Bremerhaven, 1990

Bill Jeffery,(2004), World War II Underwater Cultural Heritage Sites in Trunk Lagoon; Considering a Case of for World Heritage Listing; Paula Martin(ed) in the International Journal of Nautical Archaeology, Volume33 Number1, published for the Nautical Archaeology Society, Blackwell Publishing, 2004

Bill Jeferry ,(2006), Activities incidentally affecting underwater cultural heritage in the 2001 UNESCO Convention, Lyndel V. Prott, (2006), Finishing the interrupted Voyage, Papers of the UNESCO Asia Pacific Workshop on the 2001 Convention on the Protection of the Underwater Cultural Heritage, UNESCO, Institute of Art and Law

Bilz, M., Dean, L., Grattan, D.W., McCawley, J.C., McMillen, L.,(1993), A study of the termal breakdown of Polyethylene Glycol, Proceedings of the 5<sup>th</sup> ICOM Group on Wet Organic Archaeological Material Conference, Portland/Maine, 1993, Per Hoffmann (General Editor), Bremerhaven,

Birgitta Hafors,(1994) Improvements of the conservation programme for the tank treatment with Polyethylene Glycol at the Vasa Conservation Laboratory, Proceedings of the 5<sup>th</sup> ICOM Group on Wet Organic Archaeological Material Conference, Portland/Maine, 1993, Per Hoffmann (General Editor), Bremerhaven,

## University of Moratuwa, Sri Lanka. Electronic Theses & Dissertations

Birgitta Hafors,(1999) Procedures in selecting and evaluating the conservation liquid for the Vasa wooden material, Proceedings of the 7<sup>th</sup> ICM-CC Working Group on Wet Organic Archaeological Materials Conference, Grenoble/ France 1998-98 WOAM ICOM-CC, Celine Bonnot-Diconne, Xavier Hiron, Quoc Khoi Tran, Per Hoffmann, France

Bjordal, C.G. Nilsson, T. (2001), Observation on microbial growth during conservation treatment of waterlogged archaeological wood, in Studies in Conservation 46

Blalkman, D.J.(ed),(1971) Marine archaeology, proceedings of the third symposium of the Colston Research Society held in the University Bristol April 4<sup>th</sup> to 8<sup>th</sup> 1971, the Colston Research Society, Butterworth, London

Blanchette, R.A. Nilsson, T. Daniel. G.F., and Abad, A.,(1990), Biological degradation of wood, in Archaeological Wood, R.M.Rowell and R.J.Barbour (Ed), Advances in Chemistry Series 225, American Chemical Society, Washington DC

Bonnot-Diconne, C., Barthez, J., 1998, Study of the ageing of waterlogged archaeological leather after conservation treatment Proceedings of the 7t ICM-CC Working group on Wet Organic Archaeological Materials Conference, WOAM 98

Brownstein A., (1981) the chemistry of Polyethylene Glycol' Proceeding of the ICOM group Wet Organic Archaeological Materials Conference, Ottawa, Canada

Bump H.D., and Muncher, D.A.,(1987) Conservation of Historic Artifacts from Marine and Coastal Environments. In underwater Archaeology Proceedings from the Society or Historical Archaeology Conference, edited by A.B.Albright, Savannah, Georgia

University of Moratuwa, Sri Lanka.

Electronic Theses & Dissertations www.lib.mrt.ac.lk

Carl Olof Cederlund, (2004) the safeguarding of the paddle steamer E. Nordevall, MOSS Newsletter, Culture 2000 Programme of the European Union

Caroline Villers(Ed), (1993) the conservator, No 17, The United Kingdom Institute for Conservations

Carpenter, (1987) the uses of Soil Stabilizing Gel media in the Conservation of Large and Small Shipwreck Artefact, International Journal of Nautical Archaeology 16(2)

Carpenter, J., Godfrey, I., 1993. Conservation report: Chine-strake of a paruwa at Lathpadura, in Maritime Archaeology in Sri Lanka the Galle Harbour Project-1992,

Jeremy Green and Somasiri Devendra (Eds.). Archaeology Department of Sri Lanka, Central Cultural Fund, Western Australian Maritime Museum, Postgraduate Institute of Archaeology, Si Lanka, 1993

Carpenter, J. & Richards, V.L., (1993), Conservation in Galle, Western Australian Maritime Museum, Perth

Central Cultural Fund, (2004) Sri Lanka's Maritime Heritage (leaflet), text by Somasiri Devendra,

Charlotte Bjordal, Thomas Nilsson,(1999) Laboratory reburial experiments, Celine Bonnot- Diconne, Xavier Hiron, Quoc Khoi Tran, Per Hoffmann( editors), Proceedings of the 7<sup>th</sup> ICOM-CC Working Group on wet organic Archaeological Conference, Grenoble/France, 1998-WOAM ICOM-CC, Grenoble, France

University of Moratuwa. Sri Lanka.

Christensen, B.B. (1970), the conservation of waterlogged wood in the National Museum of Denmark, Studies in Museum Technology, No .1, National Museum of Denmark, Copenhagen

Cronyn, J.M. (1990) the elements of Archaeological Conservation London, Routledge Daniel, G., and Nilsson, T., (1997), Development in the study of soft rot and bacterial decay, in Forest Products Biotechnology

David Gilroy & Ian Godfrey, (1998) Conservation and Care of Collections, Western Australian Museum, p19

David Gregory, Degradation of wooden shipwrecks: threats, MOSS Newsletter, A shipwreck research project funded by the European Union Culture 20 Programme, Culture 2000

David Gregory ,(1999), Reburial of Ship Timbers in the Marine Environment as a Method of in situ Preservation, Proceedings of the 7<sup>th</sup> ICOM- CC Working Group on Wet Organic Archaeological Materials Conference, Grenoble/France, Celine Bonnot Diconne, Xavier Hiron, Quoc Khoi Tran, Per Hoffmann(Editors), Published by ARC –Nucleart, CEA/Grenoble, France

David Gregory, (1998), Re-burial of timbers in the marine environment as a means of their long- term storage; experimental studies in Lynaes Sands, Denmark in the *International Journal of Nautical Archaeology*, 27.4, The Nautical Archaeology Society

University of Moratuwa Sri Lanka.

David Watkinson (Ed), (1972) First Aid for Finds Rescue /UKIC Archaeology Section, London WWW.lib.mrt.ac.lk

Dean, L.R., Jones, E.B.G., Jones, A.M.,(1993) the stabilisation of ancient waterlogged oak with Polyalkylene Glycols, Proceedings of the 5<sup>th</sup> ICOM group Wet Organic Archaeological Materials Conference, Per Hoffmann(ed), Portlandmarine

Dean, L. R., Mouzouras, R., Jones, A.M., Jones, E.B.G,(1990) Are Polyalkylene Glycols biodegradable, Proceedings of the 4<sup>th</sup> ICOM Group on Wet Organic Archaeological Materials Conference, Bremarhaven

Devendra, S., Abeyrathna, M., Saman De Silva, (2006), Maritime archaeology in a developing nation: the case of Sri Lanka, Lyndel V. Prott, (2006), Finishing the

interrupted Voyage, Papers of the UNESCO Asia Pacific Workshop on the 2001 Convention on the Protection of the Underwater Cultural Heritage, UNESCO, Institute of Art and Law

Devendra, S.,(1993), Introduction to maritime archaeology in Sri Lanka history, in Maritime Archaeology In Sri Lanka The Galle Harbour Project, Green, J. & Devendra, S.(ed), The Archaeological Department of Sri Lanka, The Central Cultural Fund, The Western Australian Maritime Museum, The Post Graduate Institute of Archaeology

Devendra, S., (1993), A note on the paruwa- a distinctive Sri Lankan river craft, in Maritime Archaeology in Sri Lanka the Galle Harbour Project-1992, Jeremy Green and Somasiri Devendra (Eds.), Archaeology Department of Sri Lanka, Central Cultural Fund, Western Australian Maritime Museum, Postgraduate Institute of Archaeology, Si Lanka

University of Moratuwa, Sri Lanka.

Dring, M.J., (1982), The Biology of Marine Plants, Edward Arnold (publishers)

Limited, London

Eaton R.A. and Hale, M.H (Eds), (1993), Wood. Decay, Pests and Protection, Chapman and Hall, London

Eaton R.A., (1985), Preservation of marine timbres, in Preservation of Timbers in the Tropics

Eero Sjostrom, (1981) Wood Chemistry Fundamentals and Applications, Academic Press, New York

Elizabath Pye and Janey Cronyn, (1987) the archaeological conservation reexamined; a personal view

Enamul Haque, (1978), Conservation problems of waterlogged wood large size wooden antiquities in Dacca Museum, in International Symposium on the Conservation and Restoration of cultural property- conservation of wood-1977, Tokyo National Research Institute of Cultural Properties, Tokyo, Japan

Erickson, P.A., (1979), Environmental Impact Assessment; Principles and Applications, Academic Press, New York

Feist W., (1990) Outdoor wood weathering and protection in Rowell R.M., and Barbour R.J., (editors), Archaeological Wood Properties, Chemistry and Preservation

Findlay. W. P. K., (1985), the nature and durability of wood, in Preservation of Timbers in the Tropics, Martinus Nijhoff/Dr W.Junk Publishers, Dordrecht, The Netherlands

Floodgate (1971), referred from David Gregory, (1998), Re-burial of timbers in the marine environment as a means of their long- term storage; experimental studies in Lynaes Sands, Denmark in the *International Journal of Nautical Archaeology*, 27.4, The Nautical Archaeology Society

Florian, M.L.E., (1987), the underwater environment In C. Pearson (Ed) Conservation of Marine Archaeological Objects Butterworths, London

Gareth Jones et al (1976) referred from David Gregory, (1998), Re-burial of timbers in the marine environment as a means of their long- term storage; experimental studies in Lynaes Sands, Denmark in the *International Journal of Nautical Archaeology*, 27.4, The Nautical Archaeology Society

Geymayer, P., Glass, B., Leidl, E. (1990), Oxidative degradation of Polyethylene glycols, per Hoffmann (ed) Bremerhaven

Godfrey, I.M., (1993), wood Identification-Sri Lanka1993. Western Australian Maritime Museum, Perth

Grattan, D.W., (1982a), a practical comparative study of several treatments for waterlogged wood, Studies in Conservation 27

Grattan, D.W., (1982b), a practical comparative study of several treatments for waterlogged wood, Part II, the effect of humidity on treated wood, Grattan and Clarke, R.W(eds) in Proceedings of the ICOM waterlogged wood working group conference, ICOM, Ottawa

Grattan and Clarke, R.W., (1987), Conservation of waterlogged wood, Pearson, C. (ed) in Conservation of marine archaeological objects, Butterwort series in conservation and Museology

Grattan, D., (1986) the conservation of waterlogged wood, in Proceedings of the International Conference on Wet Site Archaeology, Florida

Grattan, D.W, (1987), Waterlogged wood In C. Pearson(Ed), conservation of Marine Archaeological Objects, Butterworths, London and Boston

Green ,J,N., Millar, K. and Devendra ,S. 1992, Maritime Archaeology in Sri Lanka: the Galle Harbour Project-1993, Archaeology Department of Sri Lanka ,the Central Cultural Fund ,the Western Australian Museum, No.65

Green, J.N. and Devendra, S., 1993ii, Interim report on the joint Sri Lanka, Australian maritime archaeology training and research programme, 1992, 3. International Journal of Nautical Archaeology, 22.4

Green, J.N. and Devendra, S., 1993iii, Maritime Archaeology in Sri Lanka: the Galle Harbour Project -1992. Archaeology Department of Sri Lanka the Central Cultural Fund the Western Australian Maritime Museum and the Postgraduate Institute of Archaeology

University of Moratuwa: Sci Lanka.

Electronic Theses & Dissertations www lib mrt ac lk

Green, J. Devendra, S. and Robert Parthesius, (1998), Sri Lanka Department of Archaeology Report on the Joint Sri Lanka – Australia-Netherlands Galle Harbour Project 1996-1997; Archaeology, History, Conservation and Training, Special Publication No.4 Australian National Centre of Excellence for Maritime Archaeology, Western Australia

Gregory, S. Young, Ian, N. M. Wainwright, (1982), Polyethylene Glycol treatments for waterlogged wood at the cell level, Grattan, D.(ed), Proceeding of the ICOM Waterlogged Wood Working Group Conference, Ottawa, 1981, Published by The International Council of Museums, Committee for Conservation Waterlogged Wood Working Group, Ottawa

Gregory, S. Young, Ritchie Sims, Microscopical determination on Polyethylene Glycol in treated wood – the effect of distribution on dimensional stabilization

Gregson C.W, (1975), Progress on the conservation of the Graveney Boat

Guido Carducci, (2006), Introduction to the UNESCO Convention on the Protection of the Underwater Cultural Heritage, Robert Grenier, David Nutley and Ian Cochran, (Eds) Underwater Cultural Heritage at Risk: Managing Natural an Human Impacts, ICOMOS

Guido Carducci(2006), the UNESCO Convention 2001: A crucial compromise on salvage law and the law of finds, Lyndel V. Prott, (ed), Finishing the interrupted Voyage, Papers of the UNESCO Asia Pacific Workshop on the 2001 Convention on the Protection of the Underwater Cultural Heritage, UNESCO, Institute of Art and Law

University of Moratuwa, Sci Lanka.

Electronic Theses & Dissertations www lib mrt ac lk

Hans van Tilburg, (2006), Key principles of marine archaeology: the Annex, Lyndel V. Prott, (ed), Finishing the interrupted Voyage, Papers of the UNESCO Asia Pacific Workshop on the 2001 Convention on the Protection of the Underwater Cultural Heritage, UNESCO, Institute of Art and Law

Hans Van Tilburg, (2006), Japanese Midget Sub at Pearl Habor: collaborative maritime heritage preservation, Robert Grenier, David Nutley and Ian Cochran(eds) in heritage at risk; underwater cultural heritage at risk: managing natural and human impacts, ICOMOS France

Hedges, J.I., (1990), the chemistry of archaeological wood in Rowell R.M. & Barbour R.J. (Eds), Archaeological wood; properties chemistry and preservation American Chemical Society

Hoffmann, (1986), the Bremen Cog sails a new course, the International Journal of Nautical Archaeology and Underwater exploration, The Nautical Archaeology Trust Ltd

Hoffmann, P. (Ed), (1993), Proceeding of the 5<sup>th</sup> ICOM Group Wet Organic Archaeological Materials Conference, Portland Maine

Hoffmann, P. (Ed), (1997), the conservation of the Bremen Cog- between the steps, in Proceeding of the 6<sup>th</sup> ICOM Group Wet Organic Archaeological Materials Conference, York 1996; Eds. Per Hoffmann et al., ICOM, Committee for Conservation, Working Group on Wet Organic Archaeological Materials, Bremerhaven

Hoffmann, P., Short note on the conservation program for the 'Bremen Cog' Conservation of waterlogged wood, UNESCO Was Sci Lanka.

Electronic Theses & Dissertations www.lib.mrt.ac.lk

Hoffmann, P.,(1985), on the stabilization of waterlogged Oak wood with PEG; Molecular size versus degree of degradation, in waterlogged wood study and conservation proceedings of the 2<sup>nd</sup> ICOM Waterlogged Wood Working Group Conference, Grenoble, 1984. ICOM Committee for Conservation, Grenoble,

Hoffmann, P., (1986), on the stabilization of waterlogged oak wood with PEG. Part2. Designing a two step treatment for multy quality timbers, in Studies in Conservation31

Hoffmann, P., (1989), HPLC for the analysis of Polyethylene Glycols (PEG) in wood, I. MacLeod(ed), Conservation of wet wood and metal, Western Australian Museum, Fremantle

Hoffmann, P., Kristiane Straetkvern, James, A. Spriggs David Gregory(2005), Proceedings of the 9<sup>th</sup> ICOM Group on Wet Organic Archaeological Materials Conference, Copenhagen 2004, International Council of Museums(ICOM), Committee for Conservation Working Group on Wet Organic Archaeological Materials, Bremerhaven

Hoffmann, P.,(1986), the Bremen Cog sails a new course, the International Journal of Nautical Archaeology and Underwater exploration, The Nautical Archaeology Trust Ltd

Hoffmann, P. (2001) to be and to continue being a og: the conservation of the Bremen Cog of 1380, in the International Journal of Nautical Archaeology, 30.1, The Nautical Archaeology Society

Howard Murray(1982), the conservation of artefacts from the Mary Rose, in Proceedings of the ICOM Waterlogged Wood Working Group Conference, Ottawa, 1981, Published by The International Council of Museums, Committee for Conservation Waterlogged Wood Working Group, Ottawa

Ian Oxley,(1998), the investigation of the factors that affect the preservation of underwater archaeological sites, in Maritime Archaeology – A Reader of Substantive and Theoretical Contributions, Lawrence E. Babits and Hans Van Tilburg (Editors), New York

International charter on the protection and management of underwater cultural heritage, International Council on Monuments and Sites, in International Journal of Nautical Archaeology (1998)27.3

Ishimaru y., (1976) Absorption of Polyethylene Glycol on Swollen wood, Molecular Weight Dependence, Journal of the Japan Wood Research Society, volume 22, No 1

Jacqui Watson, (1987), Suitability of waterlogged wood from British Excavations for Conservation by Freeze Drying

Jacqui Watson (1982), the application of freeze –drying on British hardwoods from archaeological excavations, Proceedings ICOM Waterlogged wood Working Group Conference, Ottawa

James A. Spriggs,(1982), the conservation of timber structures at York- a progress report, Grattan, D.(ed), Proceeding of the ICOM Waterlogged Wood Working Group Conference, Ottawa, 1981, Published by The International Council of Museums, Committee for Conservation Waterlogged Wood Working Group, Ottawa

James Black, (1987), Recent Advances in the Conservation and Analysis of Artefacts Jubilee Conservation Conference Papers, Summer Schools Press, University of London

James, A. Tuck, (1981), conservation of waterlogged wood at a 16<sup>th</sup> Century Whaling Station, Grattan, D. (Ed), Proceeding of the ICOM Waterlogged Wood Working Group Conference, Ottawa

Jayathilake, G.,(1993), The Sri Lanka Sub-Aqua Club, maritime archaeology and Galle Harbour, in Maritime Archaeology In Sri Lanka The Galle Harbour Project, Green, J & Devendra ,S.(ed), The Archaeological Department of Sri Lanka, The Central Cultural Fund, The Western Australian Maritime Museum, The Post Graduate Institute of Archaeology, Sri Lanka

Jeremy Green (2006), Pathways and pitfalls on the road to the implementation of the UNESCO Convention 2001: the Asian perspective ,Lyndel V. Prott, (ed), Finishing the interrupted Voyage, Papers of the UNESCO Asia Pacific Workshop on the 2001 Convention on the Protection of the Underwater Cultural Heritage, UNESCO, Institute of Art and Law

Jeremy Green, Somasiri Devendra (Ed),(1993), Maritime Archaeology in Sri Lanka, The Galle Harbour Project 1992, a PGIAR publication, Sri Lanka

Jeremy Green, Somasiri Devendra, Robert Parthesius, (1998), Sri Lanka Department of Archaeology Report on the Joint Sri Lanka- Australia- Netherlands Galle Harbour Project 1996-1997; Archaeology, History, Conservation and Training, Special Publication No.4 Australian National Centre of Excellence for Maritime Archaeology, Western Australia

Jeremy Green, Somasiri Devendra and Robert Parthesius (Ed),(1998), Report for the Sri Lanka Department of Archaeology Galle Harbour Project 1996-1997. Australian National Centre of Excellence for Maritime Archaeology Special Publication No 4, Western Australia

John M.A.Thompson (Ed), (1984), Manual of Curatorship, a Guide to Museum Practice, Butterworths, the Museum Association

Jon Carpenter, Ian Godfrey,(1993), Conservation report: chine-strake of a paruwa at Lathpadura, in Maritime Archaeology in Sri Lanka the Galle Harbour Project-1992, Jeremy Green and Somasiri Devendra(Editors), Archaeology Department of Sri Lanka, Central Cultural Fund, Western Australian Maritime Museum, Postgraduate Institute of Archaeology, Si Lanka

Jones, A. M. and Rule, M.H., (1990), Preserving the wreck of the Mary Rose, Proceeding of the 9TH ICOM Group Wet Organic Archaeological Material, Hoffmann(ed)

Jong, de, J., The conservation of shipwrecks by impregnation with Polyethylene Glycol

Kahanov.Y. (1997), wood conservation of the Ma'agan Mikhael shipwreck, the International Journal of Nautical Archaeology 26.4, The Nautical Archaeology Society

Katherine, R. Singley,(1982), the recovery and conservation of the Boewn's Ferry vessel, Grattan, D. (Ed), Proceeding of the ICOM Waterlogged Wood Working Group Conference, Ottawa, 1981, Published by The International Council of Museums, Committee for Conservation Waterlogged Wood Working Group, Ottawa

Electronic Theses & Dissertations www.lib.mrt.ac.lk

Keith Muckelroy, Introducing Maritime Archaeology- A Reader of Substantive and Theoretical Contributions, The Plenum Series in Underwater Archaeology, Lawrence, E. Babits and Hans Van Tilburg, Institute of Nautical Archaeology, Texas, 1998

Kim, Y.S., & Singh, (1996) Micromorphological characteristics of waterlogged archaeological woods attacked by marine micro organisms, in Donaldson, L.A (Eds), Recent Advances in wood Anatomy, New Zealand Forest Research Institute Ltd, p.389-399

Kim.Y.S., Singh,A.P., and Nilsson, T.,(1996), Bacteria as important degraders in waterlogged archaeological woods, Holzforschung, p.5

Konstanze Bachmann, (1992), Conservation Concerns- a Guide for collectors and curators, Smithsonian Institution Press, Washington DC

Kristensen,(1969) referred from David Gregory(1999), Reburial of Ship Timbers in the Marine Environment as a Method of in situ Preservation, Proceedings of the 7<sup>th</sup> ICOM- CC Working Group on Wet Organic Archaeological Materials Conference, Grenoble/France, Celine Bonnot Diconne, Xavier Hiron, Quoc Khoi Tran, Per Hoffmann(Editors), Published by ARC –Nucleart, CEA/Grenoble, France

Kuhne,H.,(1971), The identification of wood boring crusteans, E.B.G .Jones and S.K. Eltrinham (Eds), Marine Borers, Fungi and Fouling Organisms of Wood O.E.C.D Paris

Lars- Ake Kvarning/Bengt Ohrelius (2002), the Vasa, the Royal Ship, translated by Joan Tate Atlantis, Stockholm, Sity of Moratuwa, Sri Lanka.

Electronic Theses & Dissertations www.lib.mrt.ac.lk

Lawrence E., Babits and Hans Van Tilburg, (1998), Maritime Archaeology A reader of substantive and Theoretical Contributions, Institute of Nautical Archaeology, Texas A & M University, Plenum Press, New York

Leesa Vere-Stevens, Anthony Crawshaw, Ian Panter, James A.Spriggs, (1999), Further research into the Copper/ Silver ion sterilisation system as applied to treatment of archaeological Oak wood in PEG solutions, Procedures in selecting and evaluating the conservation liquid for the Vasa wooden material, Proceedings of the 7th ICM-CC Working Group on Wet Organic Archaeological Materials Conference, Grenoble/ France 1998-98 WOAM ICOM-CC, Celine Bonnot-Diconne, Xavier Hiron, Quoc Khoi Tran, Per Hoffmann, France

Leightley, L.E. and Eaton, R.A. (1979), marine rot fungus

Lodewijks, J., Ethic and aesthetics in relation to the conservation and restoration of waterlogged woodenshipwrecks

Louis. C.W.NG, Conservation and management of Ceramic Archaeological Sites along the Maritime Silk Route, Section I; Cultural routes; the challenges of linear settings for monuments and sites

Lindblom, I.,(2003) Collection management and storage issues at the Vasa Museum, first International Conference on Maritime Heritage, Wessex Institute of Technology, United Kingdom

Lucy, E. Weier (1973), the deterioration of inorganic materials under the sea, in Institute of Archaeology Bulletin, 11

Malcolm Bilz, Lesley Dean, David.W. Grattan, J. Clifford McCawley, and Leslie McMillen, (1993), A study of the thermal breakdown of Polyethylene Glycol, Proceeding of the 5th ICOM group Wet Organic Archaeological Materials Conference, Portland, Maine

Malmberg, L.,(2003) management planning for historic ships, Brebbia, C.A., Gambin, T.(eds), Maritime Heritage, University of Malta Wessex Institute of Technology, United Kingdom

Marion Elliget and Harry Breidahl(1991), Time and tide – A Guide to the wreck of the Barque William Salt house Vitoria Archaeological Survey Conservation and Environment, Melbourne

Maritime Zones Law, No.22 of 1976, 1st September 1976, printed at the Department of Government Printing, Sri Lanka

Mark Jones (Ed), For Future Generations Conservation of a Tudor Maritime Collection, The Archaeology of the Mary Rose Volume 5, Mary Rose Trust Ltd, England 2003

Mark Jones(Ed), Mary Rose timbers in studies in Conservation

Martijn Manders, (2003) Safeguarding: The physical protection of underwater sites, MOSS Newsletter, A shipwreck research project funded by the European Union Culture 2000 Programme, The Board of Antiquities Finland

Martijn Manders, (2003) Preliminary results of the investigation into the ship construction of the BZN 10 wreck, MOSS Newsletter, A shipwreck research project funded by the European Union Culture 2000 Programme, The Board of Antiquities Finland

Electronic Theses & Dissertations

Martijn Manders, (2004) why do we safeguarding shipwreck?, MOSS Newsletter, A shipwreck research project funded by the European Union Culture 20 Programme, Culture 2000

Martijn Manders, (2004), safeguarding a site: the Master Management Plan, MOSS Newsletter, A shipwreck research project funded by the European Union Culture 20 Programme, Culture 2000

Martijn Manders, (2004), the safeguarding of BZN 10, MOSS Newsletter, A shipwreck research project funded by the European Union Culture 20 Programme, Culture 2000

Manders, M. R.(2006), the in situ protection of a 17<sup>th</sup> Century trading vessel in the Netherlands, Robert Grenier, David Nutley and Ian Cochran(eds) in heritage at risk; underwater cultural heritage at risk: managing natural and human impacts, ICOMOS France

Manders, M. R.(2006), the in situ protection of a Dutch colonial vessel in Sri Lankan waters, Robert Grenier, David Nutley and Ian Cochran(eds) in heritage at risk; underwater cultural heritage at risk: managing natural and human impacts, ICOMOS France

Martin Dean,(1992), Ben Ferrari, Ian Oxley, Mark Redknap and Kit Watson, Archaeology Underwater, the NAS Guide to Principles and Practice, Nautical Archaeology Society, Archetype Publication

Masaaki Sawada, (1978) conservation of waterlogged wooden materials from the Nara Palace Site, in International Symposium on the Conservation and Restoration of cultural property- conservation of wood-1977, Tokyo National Research Institute of Cultural Properties, Tokyo, Japan Chicago

Masaaki Sawada,(), Some problems of setting of PEG 4000 impregnated wood (Contracting of Impregnated PEG Solutions upon Setting and its Effects on Wood Nara National Cultural Properties Research Institute, Nara, Japan

McCawley, J.C., (1977) waterlogged artefacts: the challenge to conservation, CCI Journal of the Canadian Conservation Institute Vol.2

Meadows, P.S., Campbell, J.I.,(1988), An introduction to Marine Science, 2<sup>nd</sup> edition, Blackie Academic & Professional, New York, Halsted Press, USA

Mills Reid, N.K., MaCLeod, I.D. and Sander, N.,(1984), Conservation of Waterlogged Organic Materials: Comments on the Analysis of polyethylene Glycol and the treatment of leather and rope, Preprints of 7<sup>th</sup> ICOM Triennial Meeting, 16<sup>th</sup> July 1984

Mouzouras et al (1990), refereed from Pearson, C., (1987) Conservation of marine archaeological objects, Butterworths

Myra Shackley, (1981), Environmental archaeology, George Allen & Unwin publishers Ltd., London

Muncher, D.A. (1991), the conservation of WLF-HA-1: the WHYDAH shipwreck site in the International Journal of Archaeology ,20.4, the Nautical Archaeology Society

North, N.A. and MaCleod, I.D.,(1987), Corrosion of metals, In C. Pearson(Ed)

Conservation of Marine Archaeological Objects London. Butterworths

University of Moratuwa, Sri Lanka.

Oddy, W.A., (1975), Problems in the conservation of waterlogged wood, Proceedings of the Symposium of the National Maritime Museum 1973, Reports and Monographs No.16 NMM. British Museum Research Laboratory, Greenwich

Patrick J .O'Keefe(2006) Protection and international collaboration: the legal framework of the UNESCO Convention 2001, Lyndel V. Prott, (2006), Finishing the interrupted Voyage, Papers of the UNESCO Asia Pacific Workshop on the 2001 Convention on the Protection of the Underwater Cultural Heritage, UNESCO, Institute of Art and Law

Paul Stumes, (1978), structural rehabilitation of deteriorated timber in historic building, in International Symposium on the Conservation and Restoration of cultural

property- conservation of wood-1977, Tokyo National Research Institute of Cultural Properties, Tokyo, Japan

Payton, Robert(Ed), (1992), Retrieval of objects from archaeological sites, Archetype Publication, Wales

Pearson, C., The use of Polyethylene Glycol for the treatment of waterlogged wood its past and future

Pearson, C., (1987) Conservation of marine archaeological objects, Butterworths

Pearson, C.,(1977), On- site conservation requirements for the marine archaeological excavation, the International Journal of Nautical Archaeology and underwater exploration ,6.1

University of Moratuwa, Sri Lanka.

Perkin- Elmer Corporation., (1982), in Analytical Methods for Atomic Absorption

Spectro Photometry

Ravindra, R. Dawson, J.E., Lafontaine, R.H.(1980) the storage of untreated waterlogged wood ICC-Canadian Group Journal 5

Rick Stanley, (2006), It's All About the 'P's, Robert Grenier, David Nutley and Ian Cochran (Eds) Underwater Cultural Heritage at Risk: Managing Natural an Human Impacts, ICOMOS

Rob Oosting(2003), Monitoring and safeguarding wrecks in the Ijsselmeerpolders, MOSS Newsletter, A shipwreck research project funded by the European Union Culture 20 Programme, Culture 2000

Robert Grenier, (2006), Introduction: Mankind, an at Times Nature are the True Risks to Underwater Cultural Heritage, Robert Grenier, David Nutley and Ian Cochran (Eds) Underwater Cultural Heritage at Risk: Managing Natural an Human Impacts, ICOMOS

Robert Grenier, (2006), The Annex: Archaeology and the UNESCO Convention 2001, Lyndel V. Prott, (ed), Finishing the interrupted Voyage, Papers of the UNESCO Asia Pacific Workshop on the 2001 Convention on the Protection of the Underwater Cultural Heritage, UNESCO, Institute of Art and Law

Robert Parthesius the Avondster project: an integrated maritime heritage research project around the historic port city Galle in Sri Lanka, Brebbia, C.A., Gambin, T.(eds) in Maritime Heritage Wit Press Southampton Boston

Robert Parthesius, Karen Millar, Somasiri Devendra, Jeremy Green, (2003), Sri Lanka Maritime Archaeological Unit Report on the Avondster Project 2001-2002, the Amsterdams Historisch Museum, the Netherlands. The Mutual Heritage Centre, Sri Lanka

Robert Parthesius, Karen Millar, Bill Jeffery, (2005), Preliminary report on the excavation of the 17<sup>th</sup> Century Anglo- Dutch East Indiaman Avondster in Bay of Galle, Sri Lanka, in the International Journal of National Archaeology, 34.2, The Nautical Archaeology Society

Roland Silva(1990) Mantai- the Great Emporium of Cosmos Indicopleustes in Ancient Ceylon; No14; Journal of the Archaeological Survey Department of Sri Lanka, Director General of Archaeology Sri Lanka

Roland Silva,(1993), the First steps in underwater archaeology in Sri Lanka in Maritime Archaeology in Sri Lanka the Galle Harbour Project, Green, J. & Devendra, S. (ed), The Archaeological Department of Sri Lanka, The Central Cultural Fund, The Western Australian Maritime Museum, The Post Graduate Institute of Archaeology

Schniewind, A.P. (1990), physical and mechanical properties of archaeological wood in Archaeological Wood, Advance in Chemistry Series 225 American Chemistry Society, Washington DC

Shelley, M. (1987) the care and handling of art objects, New York, Metropolitan Museum of Art University of Moratuwa Sri Lanka.

Electronic Theses & Dissertations www.lib.mrt.ac.lk

Sila Tripathi,(2000), Maritime Archaeology; historical descriptions of the seafaring of the Kalinga, National Institute of Oceanography, Goa, New Delhi

Simon Knell, care of collections, Routledge

Singh, A.P., (1987) Conservation and museum techniques, Agam Kala Prakashan, Delhi

Somasiri Devendra,(1993) A note on the paruwa- a distinctive Sri Lankan river craft, in Maritime Archaeology in Sri Lanka the Galle Harbour Project-1992, Jeremy Green and Somasiri Devendra(Editors), Archaeology Department of Sri Lanka, Central Cultural Fund, Western Australian Maritime Museum, Postgraduate Institute of Archaeology, Si Lanka

Stamm, A.J., (1970), wood deterioration and its prevention, in conservation of stone and wooden objects, IIC, London

Stephen Hackney(Ed), (1983), the conservator, NO; 07, The United Kingdom Institute for Conservations

Suthers T., The treatment of waterlogged oak timbers from Ferriby Boat III using Polyethylene Glycol

Suzanne Keene, (1981), Waterlogged wood from the city of London, Grattan, D. (ed) Proceeding of the ICOM Waterlogged Wood Working Group Conference, Ottawa

Suzanne Keene, (1996), Managing Conservation in Museums, Butterworth Heinemann, Oxford

University of Moratuwa, Sri Lanka.

Electronic Theses & Dissertations

The No. 248/1 Gazette of the Republic of Sri Lanka (Ceylon) on 15<sup>th</sup> January 1977
The UNESCO Convention on the Protection of the Underwater Cultural Heritage (2001), UNESCO, November 2001

Thomas Bergstrand, Charlotte Gjelstrup Bjordal & Thoas Nilsson, Carola Bohm & Eva Christensson, David Gregory, Inger Nystrom, Elizabeth Peacock, Viki Richards & Ian Macleod Reburial as a method of preserving archaeological remains, a presentation of the Marstrand Project

Thomson, G., (1986), Museum Environment, 2<sup>nd</sup> Edition, Butterworths London

Thomas Nilsson, (1999), Microbial degradation of wood- an overview with special emphasis on Waterlogged Wood, Celine Bonnot- Diconne, Xavier Hiron, Quoc Khoi Tran, Per Hoffmann, Proceedings of the 7<sup>th</sup> ICOM-CC Working Group on Wet

Organic Archaeological Materials Conference, Grenoble/France 1998-98WOAM ICOM-CC Published by ARC-Nucleart, Grenoble, France

Thomas Nilsson, (1999), Microbial Degradation of Wood with Special Emphasis on Waterlogged Wood, Celine Bonnot(Ed), Proceeding of- an Overview the 7<sup>th</sup> ICOM-CC Working group on wet organic archaeological materials Conference, WOAM-98

Thomas, W.Daley, Lorne D.Murdock, (1992), excavation and raising artefacts from a marine environment, Payton, Robert (Ed), in Retrieval of objects from archaeological sites, Archetype Publication, Wales

Turner, (1971 a, b), referred from David Gregory, (1999), Reburial of Ship Timbers in the Marine Environment as a Method of in situ Preservation, Proceedings of the 7<sup>th</sup> ICOM- CC Working Group on Wet Organic Archaeological Materials Conference, Grenoble/France, Celine Bonnot Diconne, Xavier Hiron, Quoc Khoi Tran, Per Hoffmann(Editors), Published by ARC—Nucleart, CEA/Grenoble, France

www.lib.mrt.ac.lk

U. S. Navy, History of Diving, in Maritime Archaeology- A Reader of Substantive and Theoretical Contributions, The Plenum Series in Underwater Archaeology, Lawrence, E. Babits and Hans Van Tilburg, Institute of Nautical Archaeology, Texas, 1998

UNESCO, (2001) Information kit: Recent examples of successful excavations (including information kit contributing UNESCO to the celebration of the 2002 United Nations Year for Cultural Heritage

UNESCO, (2001), Information kit: The facts: An increase in the number of illicit excavations and lootings of the underwater cultural heritage (including information

kit contributing UNESCO to the celebration of the 2002 United Nations Year for Cultural Heritage

UNESCO,(2001) Information kit: The treats to underwater cultural heritage,( information kit was prepared for the purpose of promoting the UNESCO Convention on the Protection of the Underwater Cultural Heritage adopted in 2001 by the Gereral Conference at its 31<sup>st</sup> Session),Paris

UNESCO/Sri Lanka Cultural Triangle Archaeological Conservation Training Course lecture notes

Victoria Heritage strategy shipwrecks, 2005, Heritage Victoria, October 2000

Victoria Jenssen, Lorne Murdock, (1981), Review of the conservation of Machault ships timbers, Grattan, D.(ed), Proceeding of the ICOM Waterlogged Wood Working Group Conference, Ottawa

Vitharana, V., (1992), the Oru & Yathra, traditional Out -Rigger Water Craft OF Sri Lanka, Sponsored by the Sri Lanka National Library Services Board, Sridevi Printers (Private Limited), Dehiwala, Sri Lanka

Von Arbin1995, David Gregory, (1998), Re-burial of timbers in the marine environment as a means of their long- term storage; experimental studies in Lynaes Sands, Denmark in the *International Journal of Nautical Archaeology*, 27.4, The Nautical Archaeology Society

Walton .D.W.H and Allsopp d., (1977) A new test cloth for soil burial trials and other studies on cellulose decomposition, International Bio deterioration, Bulletin

Warren Riess, Geoff Daniel, (1997), Evaluation of preservation efforts for the Revolutionary War Privateer Defence in the *International Journal of Nautical Archaeology 26.4*, The Nautical Archaeology Society

Wendy Rohinson, (1998), First Aid for Underwater Finds, Archetype Publication, Nautical Archaeology Society in association with the National Maritime Museum, London

Werner, A.E.A., (1978), consolidation of deteriorated wooden artefacts, in International Symposium on the Conservation and Restoration of cultural property-conservation of wood-1977, Tokyo National Research Institute of Cultural Properties, Tokyo, Japan

University of Moratuwa, Sci Lanka.

WHC, 1972, Convention concerning the Protection of the World Cultural and Natural Heritage, UNESCO, Paris (http/www.unesco.org)

Electronic Theses & Dissertations

Young, G.S., Sims, R.,(1989), microscopical determination of polyethylene glycol in treated wood- the effect of distribution on dimensional stabilisation, MacLeod, I.D.(ed) Proceedings of the ICOM conservation working groups on wet organic archaeological materials and metals, Western Australian Museum, Fremantle

Young, G.S. and Wainwright, I.N.M, (1982), Polyethylene Glycol treatments for waterlogged wood at the cell levels. In proceedings of the ICOM Waterlogged Wood Working Group Conference, ICOM Committee for Conservation, Ottawa, Zachary et al 1978

Following references have been referred for this thesis

Clark and Kenk 1963

Cundell & Mitchell 1977

Cutter and Rosenberg 1971

Dean 1976

Eougerousse 1971

Godfrey1996

University of Moratuwa, Sri Lanka. Electronic Theses & Dissertations www.lib.mrt.ac.lk

Grattan 1989

John Hallam, 1984

Marilyn de Von Flindt

Mc Carthy 1982

Mortom 1978

Nair, 1975

Nylinder-Norman et al, 1974

Prusch et al 1982

Santhakumaran and Jain 1981

Selim Morcos, 1965

Watkinson, D.E. 1982

Zainal and Ghannoum 1981

Website:

http://www.nba.fi/en/mmf-park (Marine archaeological underwater parks)

University of Moratuwa, Sri Lanka.

http://www.unesco.org/legal.lib.mrt.ac.lk

