Dyes in History & Archaeology- Articles Contained in Volumes 1-21

DHA Volume 1: (Dyes on Historical and Archaeological Textiles) 1982 Editor:

- *Recent advances in the detection and identification of red and yellow dyes* Mark Whiting
- Analysis of dyes in fabrics recovered from the Mary Rose site John Harvey
- Detection and identification of dyes on Anglo-Scandinavian textiles George W. Taylor
- Dyes on textiles from Newcastle-Upon-Tyne and Spitsbergen Penelope Walton
- Colour specification and colour fading Roy S. Sinclair
- Natural dyes used in Scottish textiles David G. Duff
- *Problems in identifying dyes on old Scottish textiles* Helen E. Dalrymple
- *Textiles available from Middle Eastern sites* Gillian Eastwood

DHA Volume 2: (Dyes on Historical and Archaeological Textiles) 1983

- Dye identification at the National Museum of Antiquities of Scotland H.E. Dairymple
- Dye analysis at the British Museum V. Daniels
- Natural dyes of the Scottish Highlands D.G. Duff & R.S. Sinclair
- Practical work with dyes of the Scottish Highlands Su Grierson
- Lichen purples G.W. Taylor & Penelope Walton

DHA Volume 2 Continued:

- Detection of shellfish purples on textiles G.W. Taylor
- Evidence of dyeing practices from a group of late Saxon textiles from London Frances Pritchard
- Evidence of dyeplants from Viking age York and medieval Beverly A.R. Hall
- Natural dye collection- Leeds University F. Jones

DHA Volume 3: (Dyes on Historical and Archaeological Textiles) 1984

- Dyes on Scottish tartans H.E. Dalrymple
- Progress in dye analysis at the British Museum V. Daniels
- Egyptian dyes and colours G.M. Eastwood
- Workshop dyeing S. Grierson
- Survey of the insect red dyes G.W. Taylor
- American Chemical Society Meeting, Philadelphia, August 1984- comments on the papers concerned with dye analysis
 G.W. Taylor
- Progress in palaeobotanical studies of dye plants 1983/84
 P. Tomlinson & A. Hall
- Dyes on medieval textiles P. Walton

DHA Volume 4: (Dyes on Historical and Archaeological Textiles) 1985

- Anthocyanin dyes- tests using petals and berries S. Greirson
- Analysis of samples containing turmuric V. Daniels
- The recreation of historic dyes D. Hill
- Dye analysis on two fragments from Enkomi V. Daniels
- Dye analysis at the Textile Conservation Centre, Hampton Court Palace N. Easthaugh
- Insect red dyes: an update G.W. Taylor
- Dye related work at the National Museum of Antiquities H.E. Dalrymple
- The chemical constitution, colour, and fastness of natural dyes (part 1) R.S. Sinclair & C. Wilson
- Additional note, July 1986: Shellfish purple in a Coptic textile P. Walton

DHA Volume 5: (Dyes on Historical and Archaeological Textiles) 1986

- The natural pigmentation of animal textile fibres M.L. Ryder
- Observations on the analysis of dyewood dyeings G.W. Taylor
- Leeds dye project S. Grierson
- Some aspects of colour definition F. Jones
- Dyes in early Scandinavian textiles P. Walton

DHA Volume 5 Continued:

• The analysis of madder dyes H.E. Garland

DHA Volume 6:

- Further work on the dye analysis of textile fragments from Enkomi Vincent Daniels
- Leeds collection of natural colouring materials Su Greirson
- The preparation of early lake pigments: a survey Jo Kirby
- Blue dyeings from natural and synthetic indigo George Taylor
- The colourants in Israeli kermes George Taylor
- The colouring matter of Rhus cotinus Jan Wouters & Stefaan Florquin
- HPLC of insect reds Jan Wouters & André Verhecken

DHA Volume 7: 1988 Published, 1989

- *Mediterranean kermes and kermes-dyeing* D. Cardon
- The analysis of madder and related dyes M.C. Whiting
- Identification of red madder and insect dyes by thin-layer chromatography (abstract only)
 H. Schweppe
- Dyes of the Viking Age: a summary of recent work P.Walton
- Possible contaminants in indigo dyeing S.Grierson
- The use of aluminium in clubmoss as a dye mordant D.G. Duff & R.S. Sinclair

DHA Volume 7 Continued:

• 'Natural' testing of early synthetic dyeings G.W. Taylor

DHA Volume 8:

- Dye analysis at Paisley Dr. R.S. Sinclair
- The identification of safflower red dyeing Dr. G.W. Taylor
- The solubility of indigo L.R. Green
- Anomalous fading of indigo-dyed paper Dr. V. Daniels
- Archaeological records of dye plants—and update with a note on fullers' teasels Dr. A.R. Hall & P. Tomlinson
- Analysis of medieval red dyes by HPLC, with special emphasis on the insect dyes D. Cardon, A. Colombini, & B. Oger
- Analysis of the dyes on two early Chinese kesi panels Dr. G.W. Taylor
- Four black-dyed silk textiles of the late 17th century M. Findlay
- A list of dyed yarns available for analytical work S. Grierson
- *Recent publications concerning the analysis and history of dyes*

DHA Volume 9:

- Indigo in the Arab world J. Balfour-Paul
- Black dyes for wool in Mediterranean textile centres: an example of the chemical relevance of guild regulations
 D. Cardon
- Identification of mordants using analytical techniques L.R. Green & V. Daniels

DHA Volume 9 Continued:

- The Dunhuang Diamond Sutra: a study in scientific conservation techniques F.H. Jones & K.R. Seddon
- Dyes and dyeing: a select bibliography compiled by members of the Association Various
- On the nature of dyeing with madder and related dyestuffs G.W. Taylor
- Dye analysis undertaken in the National Museums of Scotland between October 1989 and September 1990
 A.Quye
- A Jouy calico print using chay root G.W. Taylor
- Recent publications concerning the history and analysis of dyes

DHA Volume 10: National Gallery, London 1991 Editor: Penelope Walton Rogers

- Was the Golden Fleece really coloured? M. L. Ryder
- Identification of flavones and flavanols on a microgram scale M. Whiting
- Solution to the enigmas of dyeing Tyrian purple and biblical tekhlet O. Elsner
- A new method for the analysis of blue and purple dyes in textiles J. Wouters
- New information on the medieval woad vat D. Cardon
- Indigo dyeing in Japan
 S. Ushida
- The chemistry of madder dyeings: application of semi-quantitative TLC G.W. Taylor
- Dyes on some 16th- and 17th-century textiles excavated in London F. Pritchard

DHA Volume 10 Continued:

- The original colour scheme of embroidered cushions from Hódmezôvásárhely A.Timár-Balázsy & A. Szôke
- An application of HPLC to the identification of natural dyes A. Quye & J.Wouters
- *Experiments in the identification of colorants in situ: possibilities and limitations* B. Guineau

DHA Volume 11: York 1992 Editor: Penelope Walton Rogers

- The International Conference on Woad in Erfurt J. Balfour-Paul
- Woad growing and manufacture in the Lincolnshire and Cambridgeshire Fens and in Northamptonshire
 N. T. Wills
- The use of N-methyl-2-pyrrolidone (NM2P) as a solvent for the analysis of indigoid dyes L. R. Green & V. D. Daniels
- Non-destructive, in situ identification of indigo/woad and shellfish purple by Raman microscopy and visible reflectance spectroscopy
 R. Withnall, R. J. H. Clark, C. J. Cooksey & M. A. M. Daniels
- Methods of dye analysis used at the Shenkar College Edelstein Center in Israel Z. C. Koren
- Plant and animal dyes formerly used in Albania
 F. Stamati
- Analysis of dyes and technique of a 20th-century Iranian carpet from the city of Nain J. Wouters and G. de Craeker
- Light-induced colour change in red and yellow organic pigments work in progress (an abstract) J. Kirby and D. Saunders

DHA Volume 12: Brussels 1993 Editor: Penelope Walton Rogers

- Furnaces in the jungle: Gambier in West Sumatra F. Sorber
- Indigo in South-West China
 J. Balfour-Pau

- Dye analysis of Chinese and Indian textiles J. Wouters
- *Red Dyes in Indian painted and printed cotton textiles* G. W. Taylor
- Cochineal and lac: a simple method for estimating mixtures D. McJunkin
- *Experiments with the dyes from European purple-producing mollusks* A. Verhecken
- Painting techniques of polychromed Antwerp altarpieces J. Sanyova & J. Wouters
- Non-destructive three-dimensional fluorescence technique S. Shimoyama & Y. Noda

DHA Volume 13: Edinburgh 1994 Editor: Penelope Walton Rogers

- Shellfish purple: the use of Purpura patula pansa on the Pacific coast of Mexico J. Thompson
- Making Tyrian Purple C. J. Cooksey
- Non-destructive determination of plant dyestuffs used for ancient madder dyeing, employing a three-dimensional fluorescence spectrum technique
 S. Shimoyama & Y. Noda
- An efficient HPLC analysis scheme for plant and animal red, blue and purple dyes Z. Koren
- Dye analysis in a broad perspective: a study of 3rd- to 10th-century Coptic textiles from Belgian private collections
 J. Wouters et. al.
- Identification of flavanoid type yellows in paint samples by solution absorption and fluorescence spectrophotometry
 A. Wallert
- Yellow dyes of historical importance: beginnings of a long-term multi-disciplinary study; part 1 D. Cardon

DHA Volume 13 Continued:

- Imports of dyestuffs into late 17th-century Scotland: the customs records as a source T.C. Smout
- The woad trade of Toulouse and The Second International Conference on Woad, Indigo and Other Natural Dyes
 J. Balfour-Paul

DHA Volume 14: Amsterdam 1995 Editor: Penelope Walton Rogers

- Analysis of Punic natural dyes: purple earth from Zembra and cosmetic make-up from Carthage T. Karmous, N. Ayed, M. H. Fantar & J. Wouters
- Maori black mud dyeing of Phormium tenax fibre V. Daniels
- Changes in colouring: observations on the islands of Rei Metau in Micronesia C. Petrosian-Husa
- Yellow dyes of historical importance, II: chemical analysis of weld and saw-wort C. Andary, S. Prunac & D. Cardon
- Ottoman textiles: dye analysis, results and interpretation E. Enez and H. Böhmer
- Dyes on some Kashmir shawls G. W. Taylor
- Dye analysis of Florentine borders of the 14th to 16th centuries J. Wouters
- *Recycling in the 17th-century textile industry* J. H. Hofenk de Graaf
- *TLC of the indigoid colorants in shellfish purple* C. J. Cooksey
- The Arisaig purple expedition G. W. Taylor

DHA Volume 15: Manchester 1996 Editor: Penelope Walton Rogers

• The Bühler collection of Indonesian dyeplants R. Hofmann

DHA Volume 15 Continued:

- Non-destructive analysis of Ukiyo-e prints
 S. Shimoyama, Y. Noda & S. Katsuhara
- A study of the tannins in pomegranate peel C. Ben Nasr & M. Metche
- Fading hopes for flavanoid dye analysis? A. Quye, J. Wouters & J. J. Boon
- Non-destructive analysis of dyes in a Chinese brocade S. Shimoyama & Y. Noda
- HPLC analysis of extracts, dyeings and lakes, prepared with 21 species of Relbunium C. M. Dutra Moresi & J. Wouters
- Orchil of Auvergne M. Dallon

DHA Volume 16/17: Lyon 1997 & Greenwich 1998 Editor: Jo Kirby

- *Plant dyes: from archaeology to industry* Patrick Brenac, Emmanuelle Beaur, Patrick Choisy & Anne De La Sayette
- Yellow dyes of historical importance. III: new historical / chemical evidence on a wild Mediterranean dye-plant, Daphne gnidium Dominique Cardon & Claude Andary
- The technology of silk dyeing by cochineal II : The influences of types and concentrations of cations Valery Golikov
- The technology of silk dyeing by cochineal III. The influences of pH, water quality, cream of tartar and oak galls Valery Golikov
- Synthetic alizarin the dye that changed history Alan Dronsfield, Trevor Brown & Christopher Cooksey
- *Mariano Fortuny (1871-1949):his use of natural dyes* Frances Pritchard
- Traditional recipes for natural dyeing of wool in the south of Tunisia Naceur Ayed & Abir Alatrache

DHA Volume 16/17 Continued:

- Colorants used in the material culture of Papua New Guinea Rowena Hill
- Dyeing with indigo and mud in Senegal and Mali Jenny Balfour-Paul
- The last indigo dyer in Tunisia: technology and quality control Abir Alatrache & Naceur Ayed
- Indigo and the 40 robbers: romantic transfigurations of the blue-printer's trade in modern society Georg Stark
- Revival of biblical tekhelet dyeing with banded dye-murex (Phyllonotus trunculus): chemical anomalies
 Dr Irving I. Ziderman
- Chemical studies on Nucella lapillus
 Christopher Cooksey & Robert Withnall
- The synthesis and properties of 6-bromoindigo: indigo blue or Tyrian purple? The effect of physical state on the colours of indigo and bromoindigos Christopher Cooksey
- The microbiology of the medieval woad vat Nikki Padden, Vivian Dillon, John Edmonds, David Collins, Nerea Alvarez, & Philip John
- Dye analyses using derivative UV-visible spectrophotometry & fibre-safe extraction with EDTA Recep Karadag & Harald Böhmer
- Orchil lichens of Tunisia: chromatographic identification and dyeing system Tijani Karmous & Naceur Ayed
- The possibility of differentiation and identification of red and blue 'soluble' dyewoods: determination of species used in dyeing and chemistry of their dyestuffs Witold Nowik
- The dye of Rubia peregrina. 1. preliminary investigations Jan Wouters
- A successful Talmudic-flavored HPLC analysis of carthamin from red safflower dyeings Zvi C. Koren
- Preliminary research into lac lake pigments using HPLC/electrospray mass spectrometry Raymond White & Jo Kirby

DHA Volume 16/17 Continued:

- Development of analytical techniques for the study of natural yellow dyes in historic textiles Ester S. B. Ferreira, Anita Quye, Hamish McNab, Alison N. Hulme, Dr Jan Wouters & Jaap J. Boon
- Analysis of natural organic pigments by laser desorption mass spectrometry (LDMS): preliminary study to spatially resolved mass spectrometry Nicolas Wyplosz, Ron M. A. Heeren, Gerard van Rooij & Jaap J. Boon
- The colouring of alum-tawed skins on late medieval books Cheryl Porter
- Influence of fungicides and insecticides on colour materials Oliver Hahn
- Degradation of artefacts caused by iron-containing dyes Vincent Daniels
- Recent publications concerning the analysis and history of dyes: abstracts of books and papers received since 1997
 Penelope Walton Rogers (Compiled by)

DHA Volume 18: Brussels 1999 Editor: Jo Kirby

- Woad, tattooing and the archaeology of rebellion in Britain Gilly Carr
- Adolph von Baeyer and the indigo molecule Christopher J. Cooksey & Alan T. Dronsfield
- *NMR spectroscopy of leucoindigotins and formation of deuterated indigotins* Gundula Voss
- The etymology and botany of some European lichen dyes Karen Diadick Casselman
- Botanical alternatives to alum G. W. Taylor
- The right mud: studies in mud-tannic dyeing in West China and West Surrey Deryn O'Connor & Ann Richards
- Traditional Maori dyes Rangi Te Kanawa, Scott Thomsen, Gerald Smith, Ian Miller, Claude Andary & Dominique Cardon

DHA Volume 18 Continued:

- Colour in modern Polish tapestry Katarzyna Schmidt-Przewozna
- Analysis of natural dyes from Roumanian 19th- and 20th-century ethnographical textiles by DAD-HPLC
 Irina Petroviciu & Jan Wouters
- Photo-oxidation products of quercetin and morin as markers for the characterisation of natural flavanoid yellow dyes in ancient textiles Ester S. B. Ferreira, Anita Quye, Hamish McNab & Alison N. Hulme
- Non-destructive analysis of ukiyo-e, traditional Japanese woodblock prints, using a portable x-ray fluorescence spectrometer
 Yasuko Noda & Susumu Shimoyama
- The classification of coloured organic materials in painting and applied arts on the basis of natural dyes Valeri Golikov
- The use of coloured organic materials based on natural dyestuffs in Russian icon painting of the 15th - 19th centuries
 Valeri Golikov & Zoë Zharikova

DHA Volume 19: Edinburgh 2000 Editor: Jo Kirby

- An historical and analytical study of red, pink, green and yellow colours in quality 18th- and early 19th-century Scottish tartans Anita Quye, Hugh Cheape, John Burnett, Ester S. B. Ferreira, Alison N. Hulme & Hamish McNab
- LC-ion trap MS and PDA-HPLC complementary techniques in the analysis of flavonoid dyes in historical textiles: the case study of an 18th-century herald's tabard Ester S. B. Ferreira, Anita Quye, Alison N. Hulme & Hamish McNab
- LC-Ion trap MS and PDA-HPLC complementary techniques in the analysis of different components of flavonoid dyes: the example of Persian berries (Rhamnus sp.) Ester S. B. Ferreira, Alison N. Hulme, Hamish McNab & Anita Quye
- Did the medieval illuminator know how to prevent oxidative damage? Brian H. Davies
- Pharmacy price-lists as a new type of documentary source for research into historical artists' materials: the Münchner taxenprojekt Christoph Krekel & Andreas Burmester

DHA Volume 19 Continued:

- Sir Nathaniel Bacon's 'pinke' Jo Kirby
- *Color in the Andes: Inca garments and 17th-century colonial documents* Elena Phipps
- Organic colorants in the 17th-century Parsuna of Patriarch Nikon from the State Historical Museum, Moscow
 Olga Lantratova & Valery Golikov
- The reproduction of a traditional votive figure based on the non-destructive analysis of colorants Yasuko Noda, Susumu Shimoyama & Masahiro Kasamatsu
- An experimental system of analysis of the uses of saffron in Moroccan culture Jérôme Dupont
- Identification of six natural red dyes by high-performance liquid chromatography Masako Saito, Akiko Hayashi & Mariko Kojima
- New dye research on Palmyra textiles Harald Böhmer & Recep Karadag
- Analysis of dyes on Jordanian textiles from Khirbet Qazone John A. Fields
- Blue and purple dyestuffs used for ancient textiles Masanori Sato & Yoshiko Sasaki
- Dyeing a purple shade using fresh leaves of the Japanese indigo plant Satoshi Ushida & Mitsuyo Kawasaki
- Chemical studies of the purple dye of Purpura pansa Rob Withnall, Dharmesh Patel, Chris Cooksey & Ludwig Naegel
- *Pre- Perkin synthetic routes to purple* Chris Cooksey & Alan Dronsfield
- Indigos with uncommon properties
 Gundula Voss & Carlo Unverzagt
- The application of transmission electron microscopy (TEM) in the research of inorganic colorants in stained glass windows and parchment illustrations Peggy Fredrickx, Jan Wouters & Dominique Schryvers

DHA Volume 19 Continued:

- *Iron-sensitized degradation of black-dyed Maori textiles* Nicole More, Gerald Smith, Rangi Te Kanawa & Ian Miller
- The use of cyclododecane for the fixation of bleeding dyes on paper and textiles: a critical evaluation of application methods Annemette Bruselius Scharff & Ingelise Nielsen

DHA Volume 20: Amsterdam 2001 Editor: Jo Kirby, Published 2005

- A concise history of dye analysis André Verhecken
- *Possible future developments in the analysis of organic dyes* Jan Wouters
- The analysis of dyes with HPLC coupled to photodiode array and fluorescence detection Maarten R. van Bommel
- Studying dyes by time of flight secondary ion mass spectrometry F. Delamare & M. Repoux
- Analysis of coloured compounds found in natural dyes by thermospray liquid chromatographymass spectrometry (TSP LC-MS) and a preliminary study of the application to analysis of natural dyes used on historic textiles Nobuko Shibayama, Ryohei Yamaoka & Masanori Sato
- *TLC and HPLC analysis on red and violet cotton yarns of Indonesian textiles* Regina Hofmann-de Keijzer & Maarten R. van Bommel
- Dye analyses helped to determine the treatment of two historically important textiles Sharon Little
- Stabilization of cellulosic textiles decorated with iron-containing dyes Gerald Smith, Rangi Te Kanawa, Ian Miller & Glen Fenton
- Components of mordants and the silk fabrics treated with them Masako Saito, Mizuho Uehara & Kazuki Yamazaki
- Madder (Rubia tinctorum L.) and gromwell (Lithospermum erythrorhizon Sieb. & Zucc.) Dyeing with alum in the Nara era, 8th century, in Japan duplicate mordanting Jiro Komiyama, Mario Suematsu, & Shojiro Ogawa
- Historical dyes in Poland and their revival (poster presentation) Katarzyna Schmidt-Przewoz'na

DHA Volume 20 Continued:

- Description and analysis of four Moroccan uses of saffron. saffron, body and sexuality: art and ritual (poster presentation)
 Jérôme Dupont
- Processing of indigo plants and dyeing with indigo in Japan: impressions of a visit in autumn 2000 Ursula Klingelfuss-Schneider
- Colour variations in Tyrian purple dyeing C.J. Cooksey & R.S. Sinclair
- The first optimal all-murex completely natural purple dyeing in the eastern Mediterranean in a millennium and a half and its colorimetric characterization Zvi C. Koren
- The purple fermentation vat: dyeing or painting parchment with Murex trunculus Inge Boesken Kanold
- *Chinese green, an enduring mystery* C.J. Cooksey, A.T. Dronsfield & Jo Kirby
- It happened by chance: the discovery of malachite green C.J. Cooksey & A.T. Dronsfield
- Dyes (and pigments) as food additives (and adulterants) Brian H. Davies
- The compatibility of transmission electron microscopy and micro-raman spectroscopy: application to parchment illustrations (poster presentation)
 P. Fredrickx, P. Vandenabeele, J. Wouters, L. Moens & D. Schryvers
- A mass spectrometric study of the red naphthol PR170 as pigment and in acrylic emulsion paint (poster presentation) Beatrice Marino, Jerre van der Horst, Tom Learner & Jaap J. Boon

DHA Volume 21: Avignon and Lauris, France 2002 Editor: Jo Kirby

- Dye analysis of selected textiles from three Roman sites in the eastern desert of Egypt: a hypothesis on the dyeing technology in Roman and Coptic Egypt Jan Wouters, Ina Vanden Berghe, Ghislaine Richard, René Breniaux & Dominique Cardon
- Dyestuff analysis of two textile fragments from late antiquity Regina Hofmann-de Keijzer & Maarten R. van Bommel

DHA Volume 21 Continued:

- A new HPLC-PDA method for the analysis of Tyrian purple components Zvi C. Koren
- The biblical dye Tekhelet and its use in Jewish textiles I. Irving Ziderman
- Indigo-reducing bacteria from the medieval woad (Isatis tinctoria L.) vat: some aspects of their interaction with indigo Philip John, Stylianos Arghyros & Sonja Nicholson
- Woad production in Catalonia and Roussillon at the end of the Middle Ages Anthony Pinto
- The identification of purple in manuscripts Cheryl Porter
- *Missal blue: anthocyanins in nature and art* Maria João Melo
- Sanguis draconis, dragon's blood: the use and analysis of a manuscript illuminators' colorant Arie Wallert & Maarten R. van Bommel
- Some aspects of medieval and renaissance lake pigment technology Jo Kirby
- *Monitoring of damage to historic tapestries (MODHT): a newly initiated EU project* Anita Quye, with an Addendum by Kathryn Hallett
- Dye analysis of braids used for Japanese armour dating from the 14th to the 16th century (poster presentation)
 Yoshiko Sasaki, Masanori Sato, Mari Omura & Ken Sasaki
- Chromatographic and spectroscopic differentiation of insect dyes on East Asian paintings (poster presentation)
 Jennifer Giaccai
- A study of model carminic acid lakes prepared using cochineal, collagen and different mordant salts
 Valery Golikov & Zoë Zharikova
- Natural dyes used in Polish workshops in the 17th and 18th centuries Katarzyna Schmidt-Przewoźna

DHA Volume 21 Continued:

- Archaeology and dyeing traditions in West Africa (poster presentation) Marie Marquet
- Chinese green: experimental investigations (poster presentation) Christopher J. Cooksey, Alan T. Dronsfield & Jo Kirby
- Logwood under the microscope Brian H. Davies
- Edward Schunck: forgotten dyestuffs chemist? Christopher J. Cooksey & Alan T. Dronsfield
- Spectroscopic studies (FTIR, SIMS, ES-MS) on the structure of anthraquinone- aluminium complexes (poster presentation) Jana Sanyova
- Computation of a visible light absorption spectrum, a semi-empirical quantum mechanical approach: application to the colour determination of alizarin complexes in solution or chemisorbed onto cellulose François Delamare & Bernard Monasse
- Evaluation of consolidants for black iron tannate-dyed Maori textiles (poster presentation) Rangi Te Kanawa, Gerald J. Smith, Glenn A. Fenton, Ian J. Miller & Cara L. Dunford
- In the circle of colour: natural dyeing of flax, silk and wool (poster presentation) Katarzyna Schmidt-Przewoźna & Witold Przewoźny