List of presentations at Dyes in History and Archaeology meetings

A Zotero database listing all publications from past meetings can be accessed **here**.

DHA 45 Helsinki, Finland, 2026

Held at Faculty of Educational Sciences, University of Helsinki, 28 - 30 October 2026.

*** Published in proceedings (highlighted are in preparation)**

‡ Published elsewhere

Archaeological and UPLC-PDA-MS Chromatographic Evidence of the Use of Imperial Purple Produced from Stramonita haemastoma in the Canary Islands

Zvi Koren*, Dominique Cardon, María del Carmen Del-Arco-Aguilar, Mercedes Del-Arco-Aguilar

16th century Falnama Book of Omens organic colorants revealed by UHPLC–PDA–HRMS

Art Proaño Gaibor*, Jessica Hensel, Birgit Reissland

Barking up the apple tree. Experiments with apple tree bark in the field of textile dyeing.

Eva Eis

A comprehensive overview of the wealth of local natural dyes historically used in Norway

Kari Helene Kullerud*, Emily Leontine Halvorsen*

What a fragile berry can nourish Raman–SERS analysis for the identification of Arctostaphylos uva-ursi (sortulyng) in dyed wool and Icelandic manuscript inks

Noemí Cubas Martín*, Giulia Zorzan*, Maurizio Aceto

Finnish dyers and the dye trade in the latter part of the pre-modern era

Merja Uotila

The Colours of 18th Century Chinese Export Wallpapers: Scientific Identification of Dyes and Pigments in the Collection of the Royal Pavilion, Brighton

Amy Junker Heslip*, Marc Vermeulen*, Diego Tamburini

Purple in the Garden of Eden: a multi-modal investigation of a rare panoramic wallpaper example from the French Desfossé manufacture

Lore Troalen*, Thomas Boers, Lisa Cumming, Claire Blakey, Alison N. Hulme

The silk wall-hangings at Rosenborg Castle in Copenhagen.

Annemette Bruselius Scharff*, Augusta Mølleman Jensen, Ina Vanden Berghe, Merethe Kjeldgaard, Anna Sparr, Mikkel Scharff

Historical dye labels: a colourful journey around the world

Matthijs de Keijzer

From Kaffebraun to Bleumourant: Colour Terminology in Baltic Runaway Advertisements, 1761–1820

Liis Luhamaa

Silent colours: Tinting manuals in early cinema.

Joanne Dyer

Fleece-dyeing: an 18th c. manuscript in exile and the insight gained from combining experimental archaeology and dye-analyses

Dominique Cardon*, Paula Nabais

Reconstructing the Palette: Experimental Dyeing with Double-Coat Dog Fiber as a Proxy for the Salish Woolly Dog

Tori Gamel

Finnish historical rya rugs and natural dyes

Mari Kosunen, Peppi Toukola, Juuso Laitila, Riikka Räisänen, Merja Uotila*

Reconstructing Red Dyes from the Antwerp Manuscript: Analysis and the Development of a Shared Experimental Framework

Emile Lupatini*, Natalia Ortega Saez*

Material Analysis of Ottoman Court Caftans Dyed with Kermes (Kermes vermilio)

Recep Karadag, Naz Karadağ*

The Heart of the Scarlet Reds - Insights into the Composition and Colour Impact of Paul Gout's Tin Liquor

Mara Espírito Santo, Vanessa Otero, Dominique Cardon, Jo Kirby, Paula Nabais*

RED in 19th to 20th century textiles from Romania and worldwide

Irina Petroviciu*, Florica Zaharia, Silvana Vasilca, Florin Albu

Master dyers vs trainees: Historical challenges revealed through degradation patterns in a 16th-century Swedish tapestry

Sarah Benson*, Márcia Vieira, Silvia Russo, Paula Nabais, Marei Hacke, Sara Norrehed

‡***The perfect ground: Assessing the colour stability of blue, green and black textiles dyed with natural colorants following 18th century recipes.***

Márcia Vieira*, Mila Crippa, Mara Espírito Santo, Dominique Cardon, Sandrine Rozier, Paula Nabais

Byonsaek: The Discolouration of a Collection of Korean Textiles from the late Joseon Dynasty

Carolina Torres*, Art Proaño Gaibor, Ineke Joosten, Ana Serrano

Reconstructing 18th-Century Portuguese Dyeing Practices: Insights from the Royal Textile Manufacture of Portalegre

Paula Nabais*, Márcia Vieira, Mara Espírito Santo, Marta Manso, Sónia Domingos

Between two dyeing traditions: a newly discovered handwritten dye recipes and samples book in Riga

Anete Karlsone

Dyevolution: investigating the dyes used at Sunny Bank Mills (1888-1908)

Kathryn Raeburn McClure*, Diego Tamburini, David J. France, Rachel Moaby

Posters/Short Presentations

Between Local Tradition and Industrial Modernity: Technical Study of Geraki Textiles

Naomi Rosenkranz*, Thiago S.Puglieri, Sharon E. J.Gerstel

Dyestuffs and dyeing practices in the north-eastern Baltic region from the Migration Period to the 14th century

Ina Vanden Berghe, Alexia Coudray, Jonas Veenhoven, Riina Rammo*, Krista Wright, Irita Žeiere, Riikka Räisänen

Incarnaet Incarnated: A Material and Cultural Reconstruction of an Early Modern Colour Term

Anne-Nynke Knol, Natalia Ortega Saez*

The Story of an Eighteenth-Century Rural Wedding Skirt Told Through Dyes

Liis Luhamaa*, Riina Rammo, Ina Vanden Berghe, Jonas Veenhoven, Riikka Räisänen

Connecting the 'blotches': Understanding the stability of dyestuffs present in a group of 19th-century silk dresses with a characteristic 'blotched' discolouration

Ana Serrano

Coupled effects of ionizing radiation and freeze-thaw stress on organic colorants: a multi-analytical approach

Silvana Vasilca*, Daniel Negut, Irina Petroviciu, Valentin Moise

Multi-Analytical Investigation of 10th–11th Century Anatolian Textiles: Simultaneous Dyestuff Characterization and Antioxidant Profiling via On-line HPLC-CUPRAC methodology

Zeynep Atasayar*, Özden Ormancı, Ali Metin Büyükkarakaya, Saliha Esin Çelik

Blue ghosts: Illuminating gaps between current scientific knowledge and global material knowledges relating to indigo

Ash Alberg

Fly Blue, Wagon Blue, 'Haint' Blue: how international indigo dyeing traditions created an insect-repellent paint

Phillipa McDonnell*, Celeste Sturgeon*

Tracing an 'invisible' trade: woad in the eastern Baltic, 13th–15th centuries

Mihkel Mäesalu, Riina Rammo*

Black Magic: Analytical Strategies to Rediscover Methods for Dyeing Black 18th-century Woollens from Leiden's Staalmeesters Sample Books

Rian Lenting*, Birgit Reissland, Ineke Joosten, Maarten van Bommel, Ana Serrano

The Art of Red: Lake Pigments and the Illusion of Fabric

Václava Antušková*, Radka Šefců, Štěpánka Chlumská

Red flags: Analysis of the irregular fading of a red dyed 16th century knitted jacket

Kyna Biggs*, Laura Maccarelli,

Recognising anthraquinoid vat dyed textiles in UK heritage collections

Kathryn Raeburn McClure*, David J. France, Anita Quye

The Color of Combat: Investigating the Evolution and Impact of Khaki Dye in American and British Military Uniforms

Anna Milliken

DHA 44 Ottawa, Canada, 2025

Held at the National Gallery of Canada, 7 - 9 October 2025.

*** Published in proceedings (highlighted are in preparation)**

‡ Published elsewhere

The Colors of Tutankhamun: An archaeological study and documentation of the natural dyes found in the Tutankhamun textile collection

Islam Shaheen*, Paola Buzi, Margarita Gleba, Paula Nabais, Maria João Melo, Nagmeldeen Hamza

Comparing related Paracas mantles and clothing objects: dyes, dates, and more data

Ruth Ann Armitage*, Ann H. Peters, Avi Dragun, Malak Shehab, Jaime Williams, Imani Peterkin, Kathryn Jakes, John Southon, Collin Sauter and James Moran

Non-Invasive Characterization of Meso-American Organic Yellow Dyes

Cynthia Connelly Ryan, David Kim

****Dyed not Dead: An Exploration of Medieval Icelandic Dyeing Tradition Using Reflectance Spectrometry (FORS and Spectragryph)***

Noemí Cubas Martín, Ian King

‡ ***The Use of Natural Dyes in the 15th-19th Century Textiles in East and West***

Jian Liu*, Ruqian Wang, Anikó Moór

Dyes analysis of an Iranian Lampas textile panel from the LACMA's collection

Laura Maccarelli, Ashley A. Freeman

Cross craft colours: the unusual mauve washes observed in Hans Bol's drawings

Joanne Dyer*, Samantha Taylor, Rebecca Snow, Emma Turner, Andrew Meek, Olenka Horbatsch and Charlotte Wytema

International Trade with Red Lake Pigments in the Late Renaissance Mediterranean: Understanding Composition of the Pellet from the Cargo of the Merchant Ship Gagliana grossa (Gnalić Shipwreck)

Katarina Batur, Adelphine Bonneau*, Maarten van Bommel, Irena Radić Rossi, “

Chevreul, Color Juxtaposition, & the ‘Flat Tints’ of Chinese Painting

Delanie Linden

Dyeing with a coffee cup? Challenging recipes from a 19th century dyer's handbook

Eva Eis

An optimized mild extraction method for the analysis of historical dyes by HPLC-DAD-Orbitrap-MS with application to Finnish historical dyes

Peppi Toukola*, Juuso Laitila, Susanne K. Wiedmer, Petri Heinonen, Riikka Räisänen. “

The Endangered Material Knowledge Programme: Dyes and Pigments as key elements of traditional material knowledge systems

Paula Granados-Garcia

Research on the red color of the Lielvarde woven belt in Latvia

Anete Karlsone

A Simple Black: Traditions of Using Iron-Rich Mud for Dyeing in Eastern Baltic Region

Liis Luhamaa, Riina Rammo*, Krista Wright, Riikka Räisänen

Red dyes in transition: investigating natural and synthetic colorants in Javanese batik textiles via HPLC-DAD-MS/MS and SERS

Lynn Chua*, Diego Tamburini, Miki Komatsu, Peter Lee, Naomi Wang, Darryl Lim, Alexandra Green

Dye Analysis of 20th century textiles from the Toropalca Region of Bolivia

Burkhard von Rabenau, Victor J. Chen*, Gregory D. Smith

Threads of war: scientific analysis of the dyes, fibres and mordants used in the production of Afghan war rugs

Diego Tamburini, Zeina Klink-Hoppe

title?

Jocelyn Piirainen

Colours of FANS: Multiple uses, facets and materials under examination of non-invasive and contactless spectroscopic techniques (18th-19th C., Musée d"Aquitaine, Bordeaux, France)

Aurélie Mounier, Julie Guiraud, Sarah Petitcolas, Sophie Fontan

‡***Reproducing Orchil: A Technical and Analytical Challenge***

Pauline Claisse, Charlotte Marembert, Faustine Massera, Sarah Petitcolas, Rémy Chapoulie, Mohamed Dallel, Aurélie Mounier

LC-MS characterization of dyes in a Robe à la Circassienne. First evidence of Parelle D'Auvergne

Maria Goretti Mieites Alonso, Elena Basso

Beyond the Green: Arsenic-Containing Synthetic Blues and Toxicological Risks in Early 20th-Century Commemorative Textiles
Marc Vermeulen, Sanne Berbers

Posters/Short Presentations

Identification of Dyes in the Amo-Oghle Carpet for the Regeneration of Color and Introduction of Dyeing Methods

Zahra Ahmadi, Mahdi Safi, Neda Dahesh

Synthetic organic pigments in modern Czech paintings

Václava Antušková, Radka Šefců

Purple from Madder: A Lost Recipe?

Hortense de La Codre, Giovanni Verri, Madeline C. Meier, Maria Kokkori

Investigation into an Orchil Lichen Dye

Caitlin Gallupe

The proof of the poison is in the purple pesticide? Synthesizing magenta dye in the 19th Century

Timothy Greening

A Foray into Fungal Dyes

Stephanie Guidera, Heather Hodge, Kathleen Martin

Dyes for life and death: Characterization and insights into the dyeing techniques of Alero Mazquiarán textiles, SW Chubut, Argentine Patagonia

Lucía Gutiérrez, Adelphine Bonneau, María Ana Castro, Analía Castro Esnal

Natural red dyes from bark and wood of the Wichís of central-western Formosa (Argentina): ethnobiological and chemical aspects

Anahí N. Herrera Cano*, Marta Maier, Eugenia Tomasini, María Eugenia Suárez

Color, Technique, and Colonial Entanglements: Exploring Surinamese Textile Histories from the Prize Papers Archive

Viveca Mellegård, Oliver Finnegan, Marc Vermeulen

Dyes on cotton. Woven motifs in late 19th to early 20th century interior towels from Transylvania, Romania

Irina Petroviciu, Florica Zaharia, Silvana Vasilca, Florin Albu

Red dyes in the 18th-19th-century Estonian and Latvian textiles

Riina Rammo, Liis Luhamaa, Ina Vanden Berghe, Jonas Veenhoven, Anete Karlsone, Leva Pigozne, Riikka Räisänen

Exploring beauty standards in early 20th century Quebec: A study of cosmetics from a hotel and a private residence in Laval

Marine Tipa, Adelphine Bonneau, Agnès Gelé

Blue moments with berries and flowers – examining blue based on the ethnographic sources from Finland and Estonia

Krista Wright, Liis Luhamaa, Debbie Bamford, Saara Tahvanainen, Riikka Räisänen

DHA 43 Leeds, United Kingdom, 2024

Held at the Cloth Hall Court, Leeds (Society of Dyers and Colourists) , 23 - 25 October 2024.

*** Published in proceedings (highlighted are in preparation)**

‡ Published elsewhere

Let the lead tags talk

Regina Hofmann-de Keijzer, B. Petznek, I. Radman-Livaja, I. Bogensperger, A. Heiss

The Identification of Tekhelet on an Ancient Egyptian (Dynasty XVIII) painted votive textile

Jennifer Poulin, M. Veall, C. Paulocik, K. Bladek

A mysterious purple: a multi-analytical study of two Chavin textiles with fanged heads

Rachel Lackner, E. Phipps, M. Leona, N. Shibayama, M. Fusco, R. Hanson

A comparison of the fading of dyestuffs as textile colorants and lake pigments

Jo Kirby and David Saunders

TooCOLD: Toolbox for studying the Chemistry of Light-induced Degradation, a review

Maarten van Bommel, I. Groeneveld, M. den Uijl, B. Pirok, F. Ariese, G. Somsen, P. Schoenmakers

Deciphering ageing effects in green-dyed English woollen carpet yarns from the 1840's

Terry Schaeffer, J. Mobberley, L. Maccarelli

Dye identification in Palestinian garments from the late19th/early 20th century

Diego Tamburini, L. Durand, Z. Klink-Hoppe

Behind the curtain: unveiling the chemistry of Gino Carlo Sensani's stage costumes

Adele Ferretti, T. Nacci, D. Petrocchi, S. Porcinai, L. Triolo, I. Degano

Anthraquinoid vat dyes: fastness, fabrics and fashion

Katie McClure, D. J. France, A. Quye

Francis H. Jennison's "The manufacture of lake pigments from artificial colours"– a critical review of the first book on the production of lakes from synthetic dyes

Francesca Sabatini, E. Eis, A. Ferretti, R. Laursen, I. Degano

Sequencing analysis and dating of yarn fragments from six Paracas mantles from bundle WK12-382

Ruth Ann Armitage, A. Peters, J. Williams, A. Dragun, K. Jakes, J. Southon, J. Moran

Dating textile heritage: new insights with ^{14}C analysis of anthraquinone-based red dyes

Ana Serrano, L. Hendriks, C. Spack, C. Portmann, N. Haghipour, M. R. van Bommel

The codification of error, insights in the evolution of knowledge through an 18th-century dyer's manual

Emelie Lupatini, N. Ortega Saez, G. Van der Snickt, B. De Munck

Rediscovering Forgotten Colors: The Legacy of Historical Color Terminology

Natalia Ortega Saez

Let it Boyll: Dyes Recorded by Scottish Women after 1690

Sarah Rich

Cudbear and the colours of the Atlantic Rainforest

Vanessa Habib

Insect Dyes Identified in Archaeological Textiles Discovered In Northwest China

Jian Liu, X. Kang, F. Zhao, W. Li

Combining HPLC-DAD-HRMS Analysis with Taxonomy for the Characterisation of Lac Dye from Kerria Species

Mila Crippa, D. Tamburini, F. Palmas, D. Cardon, P. Nabais, T. Kondo

‡ ***Tikuna/Magüta blue: chemical composition and considerations for community-based participatory research (CBPR) in technical art history***

Thiago Sevilhano Puglieri and Laura Maccarelli

****Dye Plants used in Fish Skin Artefacts by the Indigenous Peoples of the Amur River: Nivkh, Nanai and Ulchi***

Elisa Palomino

****Use of alkalis in traditional dyeing technologies with plants***

Anete Karlstone

****Rotting for Red: Archival and Experimental Research on Estonian Traditions of Decomposing Alder Buckthorn Bark Before Dyeing***

Liis Luhamaa, R. Rammo, D. Bamford, I. Vanden Berghe, J. Veenhoven, K. Wright, R. Räisänen

The 15th-Century Visconti-Sforza Tarocchi Cards: Insights into a Mysterious Yellow Dye Using LC-QTOF-MS on Minimized Samples

Hitomi Fujii, M. Goretti Mieites Alonso, F. Pozzi, E. Basso

****Hidden Treasures: Precious Textiles from the St Eustace Head Reliquary***

Joanne Dyer, D. Tamburini, C. Cartwright, A. Harrison, E. O'Connell, N. Speakman

Posters/Short Presentations

‡ ***Non-destructive spectroscopic analysis and multivariate cluster analysis to potentially elucidate red dye mixtures on woollen historical textiles***

Jocelyn Alcantara Garcia, I Degano, C Celani, K Booksh, A Speed, C Chen, O Jaeger, M F Delgado-Cornelio

Unlocking black secrets in 18th century Netherlands: the Leiden textile sample books (1690-1791) in Museum De Lakenhal

Jenny Boulboullé, Ana Serrano, Jori Zijlmans, Birgit Reissland, Inez van der Werf, Ineke Joosten, Art Proano Gaibor, Roos Kliphuis, Edith Greuter, Maarten Van Bommel

Milking the orchil

Isabella Whitworth, Victor J. Chen, Gregory D. Smith

‡ ***Unveiling the mysteries of logwood ink recipes: a spectroscopic and mass spectrometric investigation***

Adele Ferretti, Eva Vermeersch, Francesca Sabatini, Peter Vandenabeele, Ilaria Degano

Cochineal Reds in Iberia and France: A comparative study of wool dyeing recipes from 18th-Century sources

Mara Espírito Santo, Rafael Díaz Hidalgo, Luis Ferreira, Dominique Cardon, Paula Nabais

Identification of modern synthetic colorants by high performance liquid chromatography

Markéta Havlová, Václava Antušková, Radka Šefců

Honouring ancestral Afro-spiritual Winti textiles of Suriname pre-1850: sources and colours of natural red dyes

Charlene Jordan, Anita Quye, Sally Tuckett, Jelmer Vos

Approach to the Color Study in A Valencian Silks Collection from the 16th-19th Centuries: Non-Invasive Methodology.

M. Julia Martinez Garcia, M. Betlem Gámez Serrano, M. Luisa Vázquez de Agredos-Pascual, Álvaro Solbes García, Giani Gallello, Lucia Rojo Iranzo

How does Kew's 19th century archival collection contribute to the revival of indigo dyeing in West Bengal?

Viveca Mellegard

Dyeing and the weight of sorrow: Endurance of natural dyes on Victorian mourning dress

Maria Goretti Mieites Alonso, Sarah Scaturro, Federico Carò, Marco Leona

Dyes in suzani Central Asian embroideries from the collection of The National Museum of Art of Romania

Irina Petroviciu, Iolanda Turcu, Silvana Vasilca, Florin Albu

The Blue that Once Was: Preparation of Aniline Blue Model Fabrics for Investigating the Light fading Characteristics of the Historic Textile Dye

Gracile Roxas, Anita Quye

Effects of visible light and heat as an index of deterioration of cultural textiles and cultural paper products dyed with Amur cork tree.

Yoshiko Sasaki, Ken Sasaki

Enlightening Dragon's Blood compound identification through HPLC-MS analysis

Natércia Teixeira, Tiago Filipe P. Alves, Nuno Mateus, Victor de Freitas, Paula Nabais, Márcia Vieira, Maria João Melo

Assessing ionizing radiation-driven effects on early synthetic dyes via supramolecular solvents extraction

Silvana Vasilca, Irina Petroviciu, Daniel Negut, Marian Virgolici, Valentin Moise

Metal salts weighting of silk: an exploration of historical practices and manufacturing processes

Chiara Vettorazzo, Alina Krotova, Natalia Ortega Saez, Koen Janssens, Matija Strlič, Geert Van der Snickt

Historic tapestries dye analysis- A comparative study between hyperspectral imaging and high liquid performance chromatography

Constantina Vlachou-Mogire, Ina Vanden Berghe, Moira Bertasa, John Gilchrist, Jon Danskin, Kathryn Hallett

"Like the Colour of the Fox" - Archival Records and New Experiments for Dyeing Red with Alder Bark

Krista Wright, Liis Luhamaa, Riina Rammo, Saara Tahvanainen, Riikka Räisänen

DHA 42 Copenhagen, Denmark, 2023

Held at the Center for Textile Research, University of Copenhagen and the Royal Danish Academy, 31 October - 3 November 2023.

*** Published in proceedings**

‡ Published elsewhere

Travels and Mysteries of an 18th C. French Manuscript on Wool Dyeing with Sample Sheets

Dominique Cardon

An Unknown 18th-Century Flemish Dyers Manuscript from Antwerp

Emile Lupatini, Bert De Munck, Geert van der Snickt, and Natalia Ortega Saez

‡ ***Mémoires de Teinture: The Yellows From an 18th-Century Recipe Book by Paul Gout***

Mara Santo, Mila Crippa, Dominique Cardon, and Paula Nabais

Practical Dyeing and Technical Imaging: The Identification of Cochineal Dye and Dyeing Methods Used to Produce a Mesoamerican Feather Insignia

Renée Riedler, Julia Zeindl, María Olvido Moreno Guzmán, Nikoletta Sárfi, Martina Griesser, Annette T. Keller, and Leticia Arroyo Ortiz

Historic Uses of Natural Dyes on Eggshell in the Ukrainian Craft of Egg Batik and Present-Day Adaptations

Mar'yana Svarnyk

Traditional Fish Leather Dyeing Methods with Indigenous Arctic Plants

Elisa Palomino, Lotta Rahme, Katrín María Káradóttir, Mitsuhiro Kokita, and Sigmundur Freysteinsson

In Search of the Orcein Used in the Hanging of the Lady and the Unicorn: Recipe, Experimentation and Identification

Pauline Claisse, Charlotte Marembert, Rémy Chapoulie, Mohamed Dallel, and Aurélie Mounier

Towards the Identification of an Unknown Lichen Dye Source in a Medieval Tapestry

Rachel Lackner, Kisook Suh, Shirin Fozi, Maria Mieites Alonso, Solenn Ferron, Joel Boustie, H. Thorsten Lumbsch, and Nobuko Shibayama

Tapestry The Relief of Leiden: History, Materials and Restoration Insights

Art Proaño Gaibor and Jori Zijlmans

Tapestry Manufacture Reverse Engineering: Exploring the Use of Dyes with Hyperspectral Imaging

Constantina Vlachou-Mogire, Moira Bertasa, John R Gilchrist, Jon Danskin, and Kathryn Hallett

‡ ***The Long Industrial Road to Synthetic Indigo***

Matthijs de Keijzer and Maarten R. van Bommel

Natural Indigo Production in Southern India: Tracing History from Pre-colonial Times to Present Day

Smitha Shankar and Indira Holla

****Probing Indigo Dye in Japanese Textiles with External Reflection FTIR Spectroscopy***

Ludovico Geminiani, Francesco Paolo Campione, Cristina Corti, Moira Luraschi, and Laura Rampazzi

****Dyes From the Amazon Forest: Blue Colorants from Ticuna Masks***

Thiago Sevilhano Puglieri, Laura Maccarelli, and Ashley A. Freeman

Faking It: Colour and Imitation in Early Modern Italian Fashion

Paula Hohti

****Dyestuff Identification in 17th-century Waistcoats: A Multi-Analytical Approach***

Paula Nabais, Jane Malcolm-Davies, Beatrice Behlen, and Natércia Teixeira

The Technology of Dyeing Outside the Text

Anete Karlsone

Analyses of Methods and Materials Used for Manufacturing of a Silk Wall Hanging From 1714 at Rosenborg Castle, Copenhagen

Augusta Møllemand Jensen, Mikkel Scharff, Ina Vanden Berghe, Merethe Kjeldgaard, Anna Sparr, Julie Nogel Jæger, and Annemette Bruselius Scharff

Natural Dyes in Embroideries of Byzantine Tradition: The Collection of Embroidered Aëres and Epitaphioi in the National Museum of Art of Romania

Irina Petroviciu, Emanuela Cernea, Iolanda Turcu, Silvana Vasilca, and Florin Albu

‡ ***Mystery, Adventure of Historical Sof Fabric, and Their Chemical, Physical, and Trade Analyses***

Recep Karadag and Muge Burcu Ozdemir

The History of Κοκκινάδικη βαφή at Ampelakia, Thessaly

Sofia Tsourinaki

The Shades of Red-pink Historical Inks: Investigation of the Degradation Pathway of Dyes in a 19th-20th Century Collection

Adele Ferretti, Ellen Hunt, and Ilaria Degano

From Scarlet to Crimson: Analytical and Historical Insight into Recipes with Lac Dye

Mila Crippa, Paula Nabais, Dominique Cardon, and Anita Quye

Compound Specific Radiocarbon (14C) Dating of Anthraquinone based Colourants in Historical Textiles

Laura Hendriks, C. Portmann, N. Haghipour, A. Serrano, and Maarten van Bommel

Colours of Early Mycenaean Textiles: First Observations

Stella Spantidaki and Christina Margariti (Presented by Cecilie Brøns)

"A Charlatan's Bogus Dye"? The 7th/8th Century Coptic Dyeing Recipe Papyrus Berlin P.8316 Revisited

Tonio Sebastian Richter

Analysis of the Materials in the Late 15th-Century Islamic Manuscript by Micro-Destructive Analysis Methods and the Contribution of the Results to Conservation Works

Emine Torgan Güzel and Recep Karadag

New Dye Analyses of Haithabu Textiles

Ulla Mannering, Charlotte Rimstad, and Ina Vanden Berghe

Textile Dyes of the Golden Horde Era on the Results of a Research of Archaeological Textile in Kazakhstan and Ukraine

Tatiana Krupa

Posters

‡ ***Identification of the Unknown Type B Brazilein Derivative Marker Found in Brazilwood Dyed Textiles***

L. Hendriks, R. Martinent, and C. Portmann

The Colours of Textiles and Braids in an Early Medieval Hoard Buried in Galloway, Scotland in C. 900 CE

Alexandra Makin, Ina Vanden Berghe, and Susanna Harris

Effects of Base Material (Silk or Paper) on the Use of Amur Cork Tree as an Indicator of Deterioration

Yoshiko Sasaki and Ken Sasaki

Organic Pigments in the Excavation Findings and Monuments that are Under the Supervision of the Ephorate of Antiquities of the Thessaloniki Region

S. Vivdenko, M. Tsiapali, L. Achilara, M. Tsimpidou-Avlonitou, A. Vasileiadou, I. Karapanagiotis, and N. Zacharias

Proteomics Approach to the Biomolecule Degradation of Indigo Dyeing Vessel Deposits

Takumi Nishiuch, Hideki Saito, Natsuki Murakami, Seiji Nakayama and Shinya Shoda

‡ ***Dressed to Afterlife - Dyes in Late Iron Age Children's Clothing in Finland***

Krista Wright, Jenni Sahramaa, and Ina Vanden Berghe

Identifying Red Pigments Used in Paintings via High-Performance Liquid Chromatography

M. Havlová, V. Antušková, and R. Šefců

Which Pigments for Which Clothes? Reflections on the Colours and Materials Used to Depict Everyday Clothing in Gallo-Roman Wall Paintings

Nicolas Delferrière and Emeline Retournard

Colour4CRAFTS Research on the Cultural Tradition of Sustainable Bio-Based Colourants and Dyeing

Riikka Räisänen, Krista Wright, Riina Rammo, Liis Luhamaa, Debbie Bamford, and Ina Vanden Berghe

Multi-Analytical Methodology for the Identification of Organic Dyes and Materials in Finnish Karelian Traditional Costumes

Peppi Toukola, Arvind Negi, Mari Kosunen, and Riika Räisänen

Textile Dyes as Samples for the Colouring of Ancient Sculptures

Heinrich Piening

Logwood from the bottom of the sea

Kari Helene Kullerud

“Blinded by the Light”: Impact of Daylight Fluorescent Pigment Composition on Product Color and Light Stability

Sarah J. Schmidtke Sobeck, Victor J. Chen, and Gregory Dale Smith

Traditional Iranian Dyeing Technique: Insights from a Hands-On Workshop Experience

Malihe Sotoudeh, Paula Nabais, and Vanessa Otero

Van Gogh’s Use of Logwood Ink in France

Han Neevel

DHA 41 Visby (Gotland), Sweden, 2022

Held at the Swedish National Heritage Board, 11 – 13 October, 2022.

*** Published in proceedings**

‡ Published elsewhere

Plantae tinctoriae: the 1759 dissertation on dye plants by Engelbert Jörlin

Regina Hofmann-De Keijzer

Increased Colorant Import during the 18th Century reflects the Start of the Consumer Society in Norway

Margaret Knudtzon

Mapping materials and dyes on historic tapestries using hyperspectral imaging

Constantina Vlachou-Mogire, Yingwang Gao, John R. Gilchrist Mika Takami, Kate Orfeur and Kathryn Hallett

Application of DESI–MS for dye analysis of historical textiles

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*[*Determination of the Malacological Provenance of Archaeological Purple Pigments via the "Di-Mono" Index*]

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*[*Ancient Chromophores and Auxiliaries: Phrygian Colorants from Tumulus MM at Gordion, Turkey, c. 740 BCE*]

Mary Ballard, G. Asher Newsome, Elizabeth Simpson and Brendan Burke

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‡ *[Yellow Dyes of Historical Importance. V. A handful of weld yellows from the 18th-century recipe books of French master dyers Antoine Janot and Paul Gout]*

Paula Nabais, Mara Santo, Adelaide Clemente and Dominique Cardon

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David Peggie, Helen Howard & Jo Kirby

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Kateřina Hricková, Radka Šefců, Václava Antušková and Karolína Hricková

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Barbara Błyskal

‡***Changes in the production of Burmese textiles in the long 19th century – a focus on dye and fibre characterisation of Karen garments from the British Museum's collection***

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Natércia Teixeira, André Neto E Silva, Luís Cunha-Silva, Paula Nabais, Maria Rangel, Fernando Pina, Victor de Freitas and Maria João Melo

DHA 40 London, United Kingdom (online), 2021

Hosted on-line by the British Museum in London, 15 – 19 November 2021.

*** Published in proceedings**

‡ Published elsewhere

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Hortense de La Codre, Laurent Servant, Remy Chapoulie & Aurèlie Mounier

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Alessandro Ciccola, Ilaria Serafini, Flaminia Vincenti, Kathryn Raeburn McClure, Camilla Montesano, Manuel Sergi, Gabriele Favero, Paolo Postorino & Roberta Curini

‡***Bordering on Asian paintings: Dye analysis of textile borders and mountings to complement research on Asian pictorial art.***

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Valda Valkovska & Liana Orola

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Karla Muñoz-Alcocer, Laura Fuster-López & Ma. Luisa Vázquez de Ágredos Pascual

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Eugenia Geddes da Filicaia, David Peggie & Richard Evershed

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Ilaria Serafini, Flaminia Vincenti, Kathryn Raeburn McClure, Alessandro Ciccola, Camilla Montesano, Manuel Sergi, Gabriele Favero & Roberta Curini

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Victor J. Chen, Robin Hanson, Robert E. Minto, Nicolas Manicke &Gregory D. Smith

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‡***Dyes in traditional Saxon and Romanian costumes.***

Irina Petroviciu, Iulia Teodorescu, Silvana Vasilca, Laura Troșan & Florin Albu

DHA 39 Sibiu, Romania, 2020

Hosted on-line by the ASTRA Center for Heritage, ASTRA Museum in Sibiu, 15 - 16 October 2020.

‡ Published elsewhere

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Márcia Vieira

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Marc Holly

DHA 38 Amsterdam, The Netherlands, 2019

Held at the University of Amsterdam, 6 - 9 November 2019.

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‡ Published elsewhere

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Ana Serrano

‡ ***Disclosing medieval Iberian iron-gall inks recipes through the use of historically accurate reconstructions***

Natércia Teixeira

DHA 37 Lisbon, Portugal, 2018

Held at the NOVA University of Lisbon Caparica Campus, Lisbon, 25 - 26 October 2018.

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‡ Published elsewhere

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Susan Kay-Williams

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Held at the Hotel Zamca, Suceava, Romania, 21-22 September 2006.

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Identification of Six Natural Red Dyes by HPLC

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HPLC analysis of discoloured safflower

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****Differentiation and identification of some varieties of red wood used in dyeing by HPLC-DAD***

Witold Nowik

****Dye analyses by derivative UV/Vis Spectrophotometry***

Harald Böhmer and Recep Karadag

The analysis of plant dyes in medieval book illuminations

Robert Fuchs

Red dyes - the terms and their interpretation in medieval recipes

Doris Oltrogge

The Palmyra textiles

Andreas Schmidt-Colinet

The amphoras of Lipari and the alum trade of Antiquity

Philippe Borgard

Indigo and the 40 robbers - romantic transfigurations of the blueprinters trade in modern society

Georg Stark

New developments in four colour printing using plant colourants

Phil Shaw

Orchil lichens of Tunisia: chromatographic identification and dye elaboration

Tijani Karmous and Naceur Ayed

Traditional recipes for natural wool-dyeing in the south of Tunisia

Naceur Ayed and Abir Alatrache

Preliminary research into lac lake pigments using HPLC/electrospray mass spectrometry

Jo Kirby

Tartan dyes of the 18th - early 19th century - a progress report

Anita Quye

Dye analysis of Asiatic textiles

André Verhecken

(to be added)

Zvi Koren

Tyrian blue

Chris Cooksey and Robert Withnall

The last indigo dyer in Tunisia: technology and quality control

Abir Alatrache and Naceur Ayed

Indigo and mud in Mali and Senegal

Jenny Balfour-Paul

(to be added)

Christian Doelsch

Presentation of the textile conservation and restauration workshop of the museum

Marie Schoefer

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The use of Tyrian Purple in manuscripts

Cheryl Porter

A study of the precursors to Tyrian Purple

Chris Cooksey and Robert Withnall

Vegetable colorants in screen process printing inks

Phil Shaw

The source of early blue dye in the Near East and Mediterranean: woad or indigo?

Hero Granger-Taylor

A tale of two insects

Zvi Koren

The use of CZE and Mass Spectrometry in the analysis of natural dyestuffs

Bill Cooke and Chris Carr

Evidence of new dyestuffs from northern Peru: lac and madder in the Lambayeque textiles from Pacatnamu

Ran Boytner and Arie Wallert

HPLC analysis of extracts, dyeings and lakes, prepared with 21 species of the genus Relbunium

Claudia M D Moresi and JanWouters

Non-destructive determination of plant dyestuffs used for coloured threads of an ancient Chinese brocade, interwoven with gold and coloured threads, employing a three dimensional fluorescence spectrum technique using fibre optics

Yasuko Noda and Susumo Shimoyama

The Buhler Collection - Indonesian dyeplants

Regina Hofmann

An unorthodox use of a 19th century basic dye by some Miao in China

Deryn O'Connor

Orseille: collecting and dyeing in Auvergne, France

Michèle Dallon

Mediterranean yellow dye-plants of historical importance, Part III

Claude Andary, Dominique Cardon and A Gargadennec

Daphne gnidium: a little known yellow dye-plant

Claude Andary, Dominique Cardon and A Gargadennec

Fading hopes for flavanoid dye identification?

Anita Quye, Jan Wouters and Jaap Boon

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V. Daniels

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C. Petrosian-Husa

Saffron in Anglo-Saxon England

C.P. Biggam

Yellow Dyes of Historical lmportance, II: Chemical Analysis of Weld and Saw-wort

C. Andary, S. Prunac and D. Cardon

Ottoman Textiles: Dye Analysis, Results and lnterpretation

N. Enez and H. Böhmer

Dyes on Some Kashmir Shawls

G.W. Taylor

Dye Analysis of Florentine Borders of the 14th to 1 6th Centuries

J. Wouters

Recycling in the 17th-Century Textile lndustry

J.H. Hofenk de Graaff

TLC of the Indigoid Colorants in Shellfish Purple

C.J. Cooksey

The Arisaig Purple Expedition

G.W. Taylor

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J. Thompson

Making Tyrian Purple

C. J. Cooksey

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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

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

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Furnaces in the jungle: Gambier in West Sumatra

F. Sorber

Indigo in South-West China

J. Balfour-Pau

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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

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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

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***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

****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

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J. Balfour-Paul

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D. Cardon

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L.R. Green & V. Daniels

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

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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

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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

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G.W. Taylor

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Vincent Daniels

Leeds collection of natural colouring materials

Su Greirson

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Jo Kirby

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George Taylor

The colourants in Israeli kermes

George Taylor

The colouring matter of Rhus cotinus

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S. Grierson

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F. Jones

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P. Walton

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S. Greirson

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V. Daniels

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D. Hill

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Dye analysis at the Textile Conservation Centre, Hampton Court Palace

N. Easthaugh

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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

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H.E. Dalrymple

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V. Daniels

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G.M. Eastwood

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S. Grierson

Survey of the insect red dyes

G.W. Taylor

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G.W. Taylor

Progress in palaeobotanical studies of dye plants 1983/84

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P. Walton

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H.E. Dairymple

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V. Daniels

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D.G. Duff & R.S. Sinclair

Practical work with dyes of the Scottish Highlands

Su Grierson

Lichen purples

G.W. Taylor & Penelope Walton

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

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Mark Whiting

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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