

National Programme 2021/2022



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Celebrating the launch of Maths Week Scotland 2021 at the National Mining Museum. © Neil Hanna.

National Programme Across Scotland

Introduction

Museums across Scotland faced another challenging year as the country gradually emerged from the pandemic. We worked closely with museum partners to build on the support implemented during lockdown and the recovery phase. Our National Programme offered loans, touring exhibitions, participation in national projects, community engagement, funding for acquisitions and free knowledge and skills development opportunities.

Our touring exhibition *The Galloway Hoard: Viking-age Treasure* travelled to Kirkcudbright Galleries, becoming the most popular exhibition at this venue to date. Two new national projects were launched, reviewing museum collections associated with colonialism and researching ways of working with community groups to explore their experiences of empire, migration and life in Britain through local collections. The National Fund for Acquisitions supported collections development for museums across Scotland and our Special Funding Scheme, set up in 2020, continued to target areas of greatest need.

Covid-19 restrictions underlined the value of digital delivery when museum visits were not possible. While we have seen a strong surge in visitor numbers following the pandemic, with 1.48 million visits to our four museums in 2021/22, we have continued to invest in and develop our digital programmes. This has enabled us to engage directly with audiences across Scotland through online delivery of our schools, adult and additional support and inclusive programmes. Our Digital Sessions for schools offered opportunities to interact with the national collections in ways not previously possible, extending our reach to geographically remote regions and areas of multiple deprivation. During the pandemic we adapted our National Training Programme for staff and volunteers in Scottish museums to deliver our workshops online. We also created a suite of online training resources which were extended during the period of this report with a new resource on photographing collections.

We look forward to working closely with new and existing partners as we adapt to the hybrid working model which, through a combination of in-person and online programming, is widening access to the national collections and the knowledge and expertise of our staff.

National Programme in Numbers

In 2021/2022 we worked in all 32 of Scotland's local authorities. Our work across Scotland included:

- 40,523 visits to our touring exhibition *The Galloway Hoard: Viking-age Treasure* at the Kirkcudbright Galleries.
- 2,696 objects on loan from the national collection to 54 organisations in 20 local authorities across Scotland.
- 36 grants worth £181,784 from the National Fund for Acquisitions, supporting acquisitions worth £604,114 and helping to develop and enhance the collections of 24 organisations in 14 local authorities across Scotland.
- 75,448 pupils from 289 schools in every local authority across Scotland involved in Maths Week Scotland 2021 and 88 organisations and individuals supported with grants.
- 23,675 pupils from 727 schools in every local authority across Scotland participating in our Digital Schools Sessions.

- 1,050 people engaged through our community outreach programme.
- 1,759 people engaged through our online events programme.
- 9 online training sessions delivering 135 learning experiences to staff and volunteers in 56 museums.
- 9,772 users accessing online training and guidance resources.

Sharing Scotland's Collections

Touring Exhibitions

The Galloway Hoard: Viking-age Treasure

With support from the Scottish Government, this exhibition toured to Kirkcudbright Galleries (9 October 2021-10 July 2022) where it was their most popular exhibition to date, attracting 40,523 visits. The exhibition brings together the richest collection of rare and unique Vikingage objects ever found in Britain or Ireland. Buried around AD900, the Galloway Hoard was discovered in 2014 and acquired by National Museums Scotland in 2017 with the support of the National Heritage Memorial Fund, Art Fund and the Scottish Government as well as a major public fundraising campaign. The exhibition reveals the detailed conservation work carried out, exciting research discoveries and some of the mysteries of the collection that scholars are working to solve. This work will continue through a £1 million three-year research project, *Unwrapping the Galloway Hoard*, led by National Museums Scotland in partnership with the University of Glasgow, which commenced in June 2021 with funding from the Arts and Humanities Research Council (AHRC).

To support promotion of the exhibition at partner venues, we developed a marketing and communications toolkit and provided handling kits, replica objects and teacher guidance notes to support a wide range of programming for local audiences. A total of 726 pupils from 24 schools visited the exhibition or benefited from outreach visits using handling boxes. Workshops and activities with community groups attracted 1,376 participants and an online lecture series was attended by 1,816 people with many more viewing on our YouTube channel. The Galloway Hoard will eventually go on long-term display at the National Museum of Scotland with a significant and representative portion displayed long-term at Kirkcudbright Galleries. The exhibition opened at Aberdeen Art Gallery on 30 July 2022.

Loans

In 2021/22, 2,696 objects were on loan from the national collection to 54 organisations in 20 local authorities across Scotland.

Whithorn Trust

The skull of Bishop Walter of Whithorn, a gold finger ring and a silver-gilt paten and chalice from Whithorn Priory were lent to the Whithorn Trust for the exhibition *Face to Face with Whithorn's Bishops*, 1 April-31 October 2022. As part of the ongoing Cold Case Whithorn joint research project with the Trust, Dr Adrián Maldonado, Galloway Hoard Researcher at National Museums Scotland, and Dr Shirley Curtis-Summers from the University of Bradford have used radiocarbon dating, osteology and stable isotope analysis to provide new insights into Whithorn's story and the lives of the people who lived there. Facial reconstructions can be made combining forensic skeletal analysis with ancient DNA which reveals biological details such as hair and eye colour. Using measurements taken from the skull, a reconstruction of the head of Bishop Walter, who died in 1235, allowed visitors to the exhibition to see, for the first time, what he would have looked like.

Elgin Museum

Fossil fragments from an early tetrapod named *Elginerpeton pancheni*, literally 'creeping thing from Elgin', were lent to Elgin Museum for their 2021 exhibition *At the Water's Edge*. The animal, whose fossilised remains were found near Elgin in the late 19th century, showed some of the earliest adaptations that ultimately allowed life to move out of the water and onto land some 275 million years ago. Elgin Museum received funding from the Weston Loan Programme, a partnership between Art Fund and the Garfield Weston Foundation which supports museums and galleries to borrow objects from national collections for public display. Funding was used to purchase two new display cases and upgrade the Museum's environmental monitoring system, improvements that will provide significant opportunities for securing loans in the future.

National Fund for Acquisitions

National Museums Scotland administers the <u>National Fund for Acquisitions</u>, an annual grant of £150,000 provided by Scottish Government to help museums throughout Scotland to acquire objects for their collections. In 2021/22 the Fund contributed 36 grants worth £181,784, helping to develop and enhance the collections of 24 organisations in 14 local authorities across Scotland. The total purchase value of the objects to which the Fund contributed was £604,114. By 31 March 2022, a further 13 grants with a total value of £76,748 had been committed and were awaiting payment.

Our <u>Special Funding Scheme</u>, which supports museums which are struggling to raise match funding, can offer grants of up to 100% of purchase price. The Scheme operates alongside our normal funding stream which offers up to 50% grants. Details of acquisitions supported can be found in the <u>NFA Annual Report</u>, including the following:

- £19,000 to the Paxton Trust to acquire a mahogany secretaire cabinet, designed and made c1774-79 by Thomas Chippendale the Elder (1718-1779) and Younger (1749-1822), the most celebrated cabinet makers of the 18th century. Part of the Recognised Collection of furniture commissioned for Paxton House by Ninian and Penelope Home, the acquisition is helping to tell the story of the family's links to colonialism and slavery.
- £6,230 to the Highlanders Museum to purchase at auction the First World War papers of Captain Duncan Warrand (1877-1946) of the 2nd Seaforth Highlanders. The collection includes a letter, written on Christmas Day 1914, giving a first-hand account of the famous Christmas truce when British and German soldiers met in no man's land and exchanged gifts, took photographs and played football.
- £3,000 to Leisure & Culture Dundee for a *Denise the Menace* costume designed and made by Ellie Diamond of Dundee for a performance on *Ru Paul's Drag Race UK*. The costume was chosen to represent DC Thompson's *Beano*, an iconic aspect of Dundee's cultural life, and extend contemporary collecting to represent diverse identities.

Engaging and Inspiring People

Maths Week Scotland

Maths Week Scotland, funded by the Scottish Government and co-ordinated by National Museums Scotland, is a focused week of events and activities, supported by a year-round programme, encouraging engagement with maths. The theme of Maths Week Scotland 2021 (27 September-3 October) was 'Our World', highlighting maths in the world around us and exploring how maths can help us to understand the climate emergency. We worked with over 25 organisations across Scotland on a programme which included events, activities, resources and support for schools, early years centres, colleges, universities, communities and members of the public. A total of 75,448 pupils from 289 schools representing every local authority in Scotland took part, an increase of 88% on the previous year. A new grant funding stream supported eight organisations, including universities and science centres, to deliver events and resources for a wide range of audiences, both online and in person. A new Maths in Museums fund supported six museums to highlight the maths in their collections and create new resources for schools and families. Successful applicants included the National Mining Museum Scotland, Scottish Maritime Museum, East Lothian Council Museums Service, Summerlee Museum, South Lanarkshire Leisure and Culture and Gairloch Museum. As part of our National Training Programme, we organised a workshop on 3 March 2022 to encourage more museums to highlight maths and numeracy in their learning and engagement offer for Maths Week Scotland 2022. More information can be found on the Maths Week Scotland website.

Schools

The Learning and Engagement team at National Museums Scotland received the Sandford Award for the schools' programme at the National Museum of Scotland. This award by the Heritage Education Trust, held for five years, is independently assessed by a team of judges and provides quality assurance for curriculum-linked learning at heritage sites across the UK. The judges commented on the '*knowledgeable and enthusiastic*' team and commended the '*comprehensive and extensive learning programme ... a clear commitment to providing a wide range of experiences for all*'.

Digital Schools Sessions

In November 2020, in response to the Covid-19 pandemic when schools were unable to visit our sites, the Learning and Engagement teams at the National Museum of Scotland and the National Museum of Flight introduced <u>Digital schools sessions</u>. These have continued, connecting schools from across Scotland with the national collections and increasing reach and accessibility. Topics have included Ancient Egypt, the Romans, dinosaurs, biodiversity and a Galloway Hoard themed week in September 2021. The sessions gave pupils opportunities to see our collections, take part in quizzes or challenges and ask questions. During the 2021/22 school year, 23,675 pupils from 727 schools in every local authority in Scotland participated in digital sessions. Data from the Scottish Index of Multiple Deprivation showed an increase in the number of bookings from schools located in areas with the highest levels of deprivation. In our evaluation of the initiative, almost two-thirds of teachers thought participating in a digital session contributed to their schools' work toward narrowing the attainment gap. The sessions attracted new audiences and opportunities for pupils and teachers from schools across Scotland to interact with the national collections in ways not previously possible due to geographic or financial constraints. One teacher wrote:

"We live in Moray and so Edinburgh is too far away for a day trip ... this is the very reason why your online digital sessions are important to us."

We were delighted to receive the following comment from one of the pupils who took part:

"I would like to tell you that I loved the session and I thought it was very cool that you had lots of props like skulls, dead, stuffed animals, dead insects etc. I enjoyed the layout and how we got to play some exciting games during the lesson, to make it more fun for us. Overall I had a blast and would do another one on a different topic in a heartbeat. I would also be very interested in going to another one of your museums!"

Community Engagement

Scotland 365

Scotland 365, funded by the National Lottery Heritage Fund, explored new ways to engage young people aged 16-25 with museums and heritage through our collections. In the final phase of the project, we worked with some 700 young people across Scotland and recruited a Youth Engagement Team, in partnership with Young Scot, whose members contributed an impressive 890 volunteer hours. In an intensive programme of co-design and co-delivery, team members supported delivery of six projects over a 15-month period. They worked with museum staff and external professionals to test engagement methods with and for young people, refine ideas for an ongoing youth engagement programme and deliver a raft of recommendations to consider when planning for youth engagement. Our first co-designed marketing campaign with young people, for young people, <u>Find Your Thing</u>, went live. Our Young Evaluators helped to produce a comprehensive evaluation and disseminate the learning from the project in workshops and conferences. Although the *Scotland 365* grantfunded project has been completed, the young people involved have brought fresh perspectives and exciting new beginnings for museums to work with young people in the future. More information on the project can be found on our Scotland 365 webpage.

Additional support and inclusive programmes

Online delivery brought our additional support and inclusive programmes to a wider audience. Our dementia-friendly Museum Socials made our collections accessible during the pandemic for some of our most vulnerable audiences. Inspired by our collections and exhibitions, topics included traditional live music and Fair Isle knitting, Audubon's Birds of America, and COP26, the UN Climate Change Conference in Glasgow in November 2021, with an international reach for some events. Sessions for D/deaf and visually impaired children, supported by Drake Music and The Yard, kept us connected to local audiences with additional support needs. We worked with the Thistle Foundation to deliver mindful art sessions for adults with mental health needs. Working online and offsite with South Asian community organisation Networking Key Services (NKS), we supported a small team with access to curatorial and interpretation expertise to co-create a label for a new display connected to their cultural heritage. An online session with live performance engaged children from Licketysplit Theatre Children & Families Network, many of whom have English as a second language and additional support needs. A film was created, welcoming visitors to the National Museum of Scotland and exploring imagination and play, and later screened to a larger audience of families across Scotland.

In partnership with City of Edinburgh Council's *Discover* programme, we delivered outdoor learning sessions for *Get into Summer*, a national initiative funded by the Scottish Government. Children and families in three locations across Scotland were supported by artists and performances from the Imaginate Festival. In June 2021, in partnership with the National Galleries of Scotland, we ran a series of outdoor learning and art sessions for

Granton Primary School pupils on urban biodiversity at the National Museums Collection Centre and the wider Granton area. In October 2021 we partnered with Pilton Youth and Children's Project in North Edinburgh to deliver sessions led by outdoor learning specialists. Participants baked bread over an open fire on the beach, learned about local marine and urban biology and visited the National Museums Collection Centre to meet curatorial staff and discover the collections connected to their themes and learning. From January to March 2022, we ran a series of object handling outreach sessions at the Royal Edinburgh Hospital, using art therapy to encourage patients with complex mental health issues to engage with our collections.

Online events

During the Covid-19 pandemic we introduced a programme of free online events to engage audiences with our collections when they were unable to visit our sites. We have continued to offer this programme which shares information on exhibitions and research and plays a significant role in increasing access to the national collections. All the events are recorded and can be viewed on demand at <u>nms.ac.uk/exhibitions-events</u>

Cryoarks: Animal Biobanking on 7 July 2021, chaired by zoologist, writer and broadcaster Jules Howard, focused on the UK's first comprehensive zoological biobank in which National Museums Scotland and the Royal Zoological Society of Scotland are partners. Dr Andrew Kitchener, Principal Curator of Vertebrate Biology, and conservation geneticists Dr Gill Murray-Dickson and Dr Helen Senn, discussed how gathering and preserving the DNA, tissues and cells of wild and zoo animals will provide information that can support worldwide conservation management. In Rediscovering Viking-age Scotland with Michael Wood on 26 October 2021, the historian and broadcaster was joined by Dr Adrián Maldonado, Glenmorangie Research Fellow, to discuss Adrián's new book, Crucible of Nations: Scotland from Viking Age to Medieval Kingdom, which reassesses National Museums Scotland's 9th-12th-century collections. The discussion took a fresh look at some of the iconic objects on display in the National Museum of Scotland with a live Q&A session chaired by writer and broadcaster Sally Magnusson. Art and Science - Communicating the Climate Emergency on 4 November 2021 coincided with COP26, the UN Climate Conference in Glasgow. Artists Luke Jerram and Philip Pinsky, responsible for installations at the National Museum of Scotland, joined Ashleigh Whiffin, Assistant Curator of Entomology, and Ellie Swinbank, Curator of Technology, to discuss the climate and biodiversity crisis, the research and technology being used to tackle it and how art can help communicate this critical message and inspire change. Other events included Revealing the Secrets of the Rosemarkie Sunfish on 13 May 2021, In Conversation - Inspiring Walter Scott on 26 August 2021, Celebrating Black Fashion on 26 November 2021 and The Joy of Birds on 31 March 2022.

Digital research project

National Museums Scotland and the National Galleries of Scotland took part in a 12-month research project from April 2021, led by Professor Gobinda Chowdhury of the University of Strathclyde in collaboration with the University of Edinburgh. *Digital footprints and search pathways: working with National Collections in Scotland during Covid-19 lockdown to design future online provision* was funded by the UKRI/AHRC *Towards a National Collection* programme. The project analysed the digital pathways of visitors to our website to explore how people engaged with national collections online during the lockdown and post-lockdown period. The project aims to help cultural institutions to be better prepared for digital service provision in general and particularly during a crisis situation. More information can be found on the project webpage:

<u>Digital Footprints – Working with national collections in Scotland during the Covid-19</u> lockdown to design future online provision (strath.ac.uk)

Strengthening Skills and Expertise

National Training Programme

Our National Training Programme offers free collections knowledge and skills training for staff and volunteers in museums across Scotland. In 2021/22 we delivered nine online training events, providing 135 learning experiences to staff and volunteers in 56 museums. We were delighted to receive the following comment from one of our participants:

"I have found National Museums Scotland's series of workshops and sessions is of immense value to my own development but also embedding new skills and knowledge across institutions."

Digital Schools Sessions

On 15 June 2021, we delivered an online training session on our Digital Schools Sessions which were established in November 2020 in response to the need for remote learning and engagement during the pandemic. The workshop was delivered by Helyn Long and Hilary Easson from our Learning and Engagement Team and Brandy Frazier who prepared the Digital Schools Sessions evaluation report. They looked at how we developed and delivered the programme, techniques and approaches used to gather feedback from teachers, and key findings from the project evaluation. We received the following feedback from one participant:

"I just love NMS knowledge sharing events as the staff are always so friendly and down to earth ... I find NMS events are always well paced with team members being excellent speakers. Being able to attend online and engage with people directly has been massively helpful and enjoyable for us ..."

Representing Migration in Museums

An online symposium, *Representing Migration in Museums* on 14 December 2021, explored the representation of modern migration in museums and how objects can tell stories of the movement of people in the 21st century. Led by Dr Sarah Laurenson, Senior Curator and Acting Principal Curator of Modern & Contemporary History at National Museums Scotland, and Dr Emma Bond, Reader in Italian and Comparative Literature, University of St Andrews, the event included speakers from the Migration Museum, London; Galata Museo del Mare, Genoa; Mudec Museum (Museo delle Culture di Milano), Milan; Haus der Geschichte, Bonn; and the Gallery of Modern Art, Glasgow. Topics explored included what to collect and why, good practice in collecting and displaying objects, the importance of community engagement and linking historic migration to contemporary stories. Here are some of the comments we received from participants:

"Excellent workshop that was very engaging... left with loads of ideas buzzing in my head."

"There were some fabulous tips and techniques offered for methodology, project development and simply how to engage and involve people. There was so much inspiration to follow and expand upon from this workshop."

"I gained new knowledge of the scope, issues and possibilities of museums representing migration in collections [which] will help me to create collaborative opportunities for research into the migration stories hidden within my institution's collections."

Maths in Museums

Maths in Museums on 3 March 2022 introduced participants to finding the maths stories in their own museum collections and creating maths-focused school and family programming and events. The workshop was led by Katie Oldfield, Maths Week Scotland Coordinator, who shared the information and resources available from Maths Week Scotland. She was joined by Yvonne Somerville from Education Scotland, who talked about maths and numeracy in the Curriculum for Excellence, and Tom Briggs, Mathematics Educator and Museum Learning Consultant, who showed participants how to look for the maths in their museum collections, often in surprising places. Gillian Brogan and Mark McLeod demonstrated how they had used the collections at Summerlee Museum and Gairloch Museum respectively to engage audiences during Maths Week Scotland 2021. Here are some of the comments we received from participants:

"I think my conception of maths was very narrow – but Tom's session really helped widen this."

"Really appreciated the chance to review what other museums had done for Maths Week and consider how to approach encouraging an interest in maths in visitors."

"I am completely new to Maths Week Scotland so I learned a lot! It was especially interesting to hear about the different types of maths we should consider in our activities and how these link to museum collections."

Online training resources

To support museums through the pandemic when in-person training was not possible, we created a range of self-guided online collections care resources. We delivered online events to introduce these resources and provide opportunities for live question and answer sessions relating to specific collections. A workshop on care of collections for staff and volunteers at the National Trust for Scotland took place on 2 July 2021 and a session on integrated pest management on 29 September 2021 looked at the threat which pests pose to museum collections and how to identify and monitor pests and prevent and deal with infestations.

A new photography training resource was created to share our approach to digital photography and get the most from available equipment and resources. Taking high quality images of museum collections is important for identification, research and monitoring the condition of objects and can make collections more accessible to the public. Topics covered include how to plan a shoot and improve productivity, how to apply lighting and colour management and how to edit images.

Our online training and guidance resources were accessed by 9,772 users during the period of this report: <u>Training and guidance for museums | National Museums Scotland (nms.ac.uk)</u>

Collaboration and Capacity Building

Exchange: Community-Led Collections Research

National Museums Scotland, with Royal Museums Greenwich, received a £250,000 Arts and Humanities Research Council (AHRC) grant for a year-long pilot project to enable organisations around the UK to work with community groups to explore experiences of empire, migration and life in Britain. Led by Dr Yahya Barry, Community Collections Research Hub Manager, the partnership gathered evidence for best practice guidelines, provided expert guidance and distributed funding to seven partner organisations around the UK. They included Museums & Galleries Edinburgh, Glasgow Life, David Livingstone Birthplace, Tyne and Wear Archives and Museums, SS Great Britain, the Museum of the Home and the National Museum of the Royal Navy. Working with South Asian, African and Caribbean diaspora organisations, each partner took a community-led approach to designing and delivering a collections-based project which challenged and expanded established representations of diaspora experiences. These led to a range of creative outputs including a Tingatinga party at David Livingstone Birthplace on 25 June 2022. An art exhibition, specially commissioned film and zine were presented alongside musical performances, and food in partnership with the Congolese Community of Motherwell. Glasgow Life and their community partners, Bangladesh Association Glasgow and young people from Our Shared Cultural Heritage project, hosted a theatre performance on the Tall Ship Glenlee, an academic seminar presenting multiple aspects of Lascar history and showcased their project at the Glasgow MELA festival. To inform future practice and investment, National Museums Scotland and Royal Museums Greenwich are evaluating the process, impact and barriers to realising this work. More information can be found on the project webpage: Exchange National Museums Scotland (nms.ac.uk)

Reveal and Connect: African and Caribbean Collections in Scottish Museums

Funded by a £60,000 grant from Museums Galleries Scotland, this national project is led by National Museums Scotland in partnership with Glasgow Life; The Hunterian, University of Glasgow; and University of Aberdeen Museums and Special Collections. The project will run until December 2023 and will publish a national review of African and Caribbean collections in Scottish museums and establish a collaborative network with museums in Africa and the Caribbean and descendant communities in Scotland. Project Curator, Nikki Grout, is working with a Steering Group of institutional, academic, source and diaspora community experts to design, develop and deliver the review, and produce guidance and training materials to support museums and communities to work with African and Caribbean collections. More information can be found on the project webpage: Projects | Global Arts, Cultures and Design department | National Museums Scotland (nms.ac.uk)

Curatorial advice and support

Identification, care and storage of fossil, rock and mineral collections at Nairn Museum

Staff from the Natural Sciences Department visited Nairn Museum to advise on their fossil and geology collections. Dr Yves Candela, Curator of Invertebrate Palaeobiology, and Vicen Carrio, Geological Conservator, Palaeobiology, gave advice on the identification, care and storage of the fossil collection. Some specimens were found to be infected with pyrite decay and these were disposed of or bagged to prevent the decay spreading to other parts of the collection. Identification of the collection of about 150 invertebrate fossils has improved accessibility for audience engagement programmes. Dr Rachel Walcott, Principal Curator Earth Systems, and Peter Davidson, Senior Curator Mineralogy, gave advice on Nairn Museum's rock and mineral collection. Using a variety of mineral identification tools, they identified and labelled the specimens and advised on the care and storage of the collection, which includes specimens from the important collection of Karl Ludwig Giesecke (1761-1833).

Cataloguing the costume collection at Paxton House

Supported by an Art Fund Jonathan Ruffer curatorial grant, Dr Emily Taylor, Assistant Curator European Decorative Arts, worked with Dr Fiona Salvesen Murrell, Consultant Curator for the Paxton Trust, to assess and catalogue the historic costume collection at Paxton House in the Scottish Borders. The collection consists of some 400 items and research undertaken clarified dating and connections to the Home family who owned the house. A rare collection of gentleman's clothing, dating from c1750, belonged to Patrick Home who built Paxton House. It includes a knight's costume and matching horse regalia worn at King Frederick II's Berlin Carousel in August 1750. A new exhibition, *Parallel Lives, Worlds Apart*, drew on the costume collection to explore the lives of Paxton's owners and those of the enslaved African people who worked on their sugar estates in the Caribbean. Find out more about the project in this blog post: <u>Unwrapping stories: revisiting the costume collection at Paxton House | National Museums Scotland Blog (nms.ac.uk)</u>