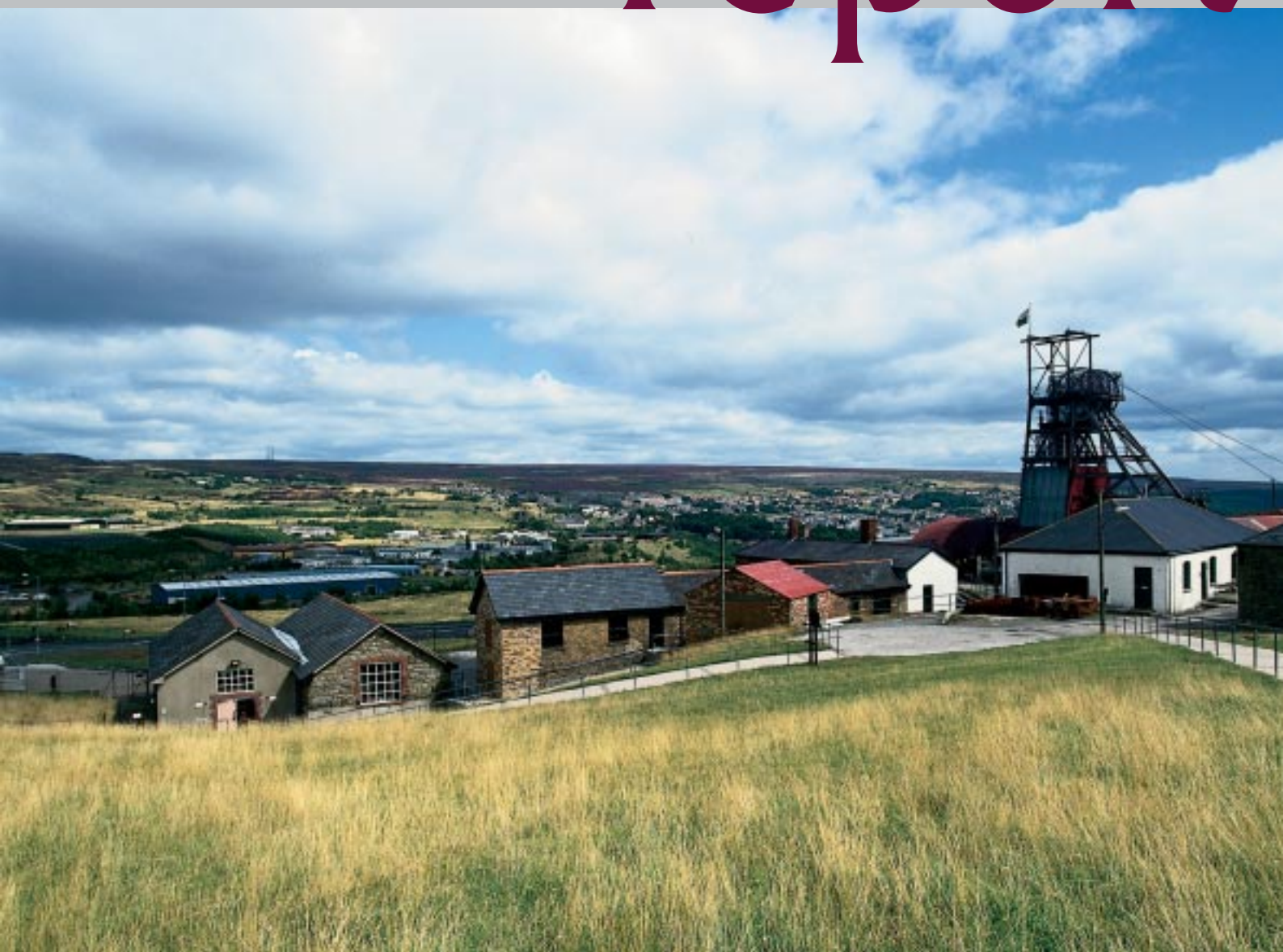




NATIONAL MUSEUMS & GALLERIES OF WALES

# report



Annual Report of the Council 2000-2001



# REPORT 2000-2001

The Ninety-third Annual Report  
of the Council

## REPORT 2000-2001

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Design & Production: Andrew Griffiths, Arwel Hughes, Mari Gordon

Printing: South Western Printers

ISBN: 0 7200 0510 8

Cover: Big Pit: National Mining Museum of Wales. Image © Wales Tourist Board

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*The Financial Report for 2000-2001 is published as a companion volume to this Report.*



The House for the Future at the Museum of Welsh Life, St Fagans

## NATIONAL MUSEUMS & GALLERIES OF WALES

### PRESIDENT'S FOREWORD

In its corporate plan, [betterwales.com](http://betterwales.com), the National Assembly has noted five strategic priorities for itself and for Wales. They are: to provide better opportunities for learning; a better, stronger economy; better health and well-being; better quality of life; and better, simpler government.

All these aspirations for our nation chime well with the strategic aims of the National Museums & Galleries of Wales (NMGW), and here I would like to use the Assembly's headings to show how well the Museum contributes to these priorities. We are very much a 'Team Wales' player.

#### **Better opportunities for learning, and better health and well-being**

As its Charter makes plain, the Museum is, above all, an educational institution. Two of our five major institutional aims are directed towards this issue. We aim to promote a wide understanding and knowledge of Wales's heritage, culture and role in world development and history, and to encourage the research, study and appreciation of the arts, humanities, sciences and technology through our collections and expertise.

I am proud that over 200,000 people participated in our educational programmes during the year. No school year is complete, it seems, without a visit to one of our sites, but for those who cannot visit we not only have an outreach collection whereby schools and other centres can have access to real museum objects, but have also been developing video-conferencing technology to deliver our expertise to diverse audiences.

During the year we created the strategic post of Head of Education, and appointed additional education officers (we now have at least one at all our main sites) and interpreters. We launched two CD-ROM resource packs and continued to develop the Schools Communities Agenda 21 Network to promote sustainable development and citizenship to schools and youth groups.

#### **A better, stronger economy**

NMGW is committed to raising the international profile and influence of Wales, and establishing it as a first-class place to live, study, visit and do business. On 1 February 2001 we integrated formally with Big Pit Mining Museum in Blaenafon. This was the culmination of the work of several years and saw the award of a grant of £4.9 million from the Heritage Lottery Fund towards the consolidation and development of the site as the National Mining Museum of Wales, helped by a further grant of £400,000 from the Wales Tourist Board.

The site lies within the World Heritage Site designated in December 2000, and I am hugely grateful to Torfaen County Borough Council for leading the partnership which gained that designation, and for ensuring the survival of Big Pit until this point. That survival has secured the future of fifty jobs in this economically-sensitive area, and I am glad that NMGW is able to contribute to the process.

We are equally committed to the redevelopment of the Museum of the Welsh Woollen Industry in west Wales, and we have submitted a Stage 2 application to the Heritage Lottery Fund to help us with that process. Our major development scheme for the



Mathew Prichard  
*President*



Willy's Meadow, Museum of the Welsh Woollen Industry,  
Dre-fach Felindre

next few years, however, will be the joint initiative with the City and County of Swansea to create a new national industrial and maritime museum for Wales that will be of international quality and standing.

Mentioning partnerships, too, enables me to name BBC Wales and Redrow Homes, who were our lead partners (amongst a host of others) in creating a

to my officers for making this long-held dream of ours a reality.

We are committed equally to improving the quality of our environment, and have a particularly important contribution to make to increasing knowledge in this vital field. We have been involved in major joint research projects, such as the EU-funded INTERREG survey of the sea-bed life of the Irish Sea, a collaborative project with Irish partners, and, further afield, have been helping to train local scientists in Africa and south America via the DETR-funded Darwin Initiative (now funded by DEFRA) and the Indian Ocean via the RGS, thus contributing to the UK's role in addressing a world-wide issue. To make this meaningful to all, our Ecofun Festival at the Museum of Welsh Life attracted 2,400 primary school pupils alone.

**Better, simpler government**

We strive continually to offer increased value for money for our services and, in the interests of increasing accountability, you will now be able to read this Annual Report, our Corporate Plan and the minutes of our Council and Court on the NMGW's web site ([www.nmgw.ac.uk](http://www.nmgw.ac.uk)). We continue to consult on the contents of our Corporate Plan, and I am particularly pleased to note that we have initiated a wide-ranging consultation exercise on the future of the display of art within the Museum, a process that will be of fundamental value as we plan for how best we can serve the people of Wales.



Inside the House for the Future at the Museum of Welsh Life, St Fagans

'House for the Future' at the Museum of Welsh Life, designed to demonstrate sustainable housing for the future. At Llanberis, too, we have been a catalyst in a public/private partnership marketing project which has attracted £250,000 of European funds into the area.

**Better quality of life**

Museums, fundamentally, are about improving the quality of life. NMGW, I believe, is in a unique position to extend access to, and awareness of, the Welsh language and our culture and heritage. We were pleased this year to be able to offer free entry to all young people under 19, those aged 60 and over, and the unwaged.

Moreover, at the very tail end of the year, the National Assembly was able to guarantee sufficient funding to enable us to provide free entry for all to our permanent displays and collections from 1 April 2001. This was not only a major achievement, but also a first for Wales, since it seems clear that the National Museums and Galleries in the rest of the UK will not be able to do so until the autumn.

We look forward eagerly – and dare I say it, perhaps with a little trepidation as to how we will manage increased numbers of visitors and their expectations – to being able to celebrate the opportunity that this gives NMGW of telling many more about Wales and the world. I am deeply grateful to the Assembly and



A young visitor enjoys Big Pit: National Mining Museum of Wales (© Ethos Photos 2001)





Jenny Randerson, Minister for Culture, Sports and the Welsh Language, visiting Big Pit (© Ethos Photos 2001)

In this context, too, we are pleased that the Assembly has seen fit to create a portfolio for Culture, Sport and the Welsh Language, and we welcome its first Minister, Jenny Randerson. Getting all the agencies and bodies that are involved in delivering and interpreting culture to the people of Wales working more closely together, whether through a cultural consortium or by any other means, and under one Minister, can only be good.

In a slightly narrower sector, we are also anxious to play our full part in discussions on future strategies

for museums, libraries and archives in Wales, and how we can best play our part in helping the Welsh nation redefine itself. I commend this Report to you as an early indicator of the role we intend to play in that process.

**Mathew Prichard**  
President of Council

## OUR CHALLENGE

The National Museums & Galleries of Wales (NMGW) is Wales's premier heritage organisation.

NMGW was established by a Royal Charter in 1907 as the National Museum of Wales. NMGW develops, cares for, studies and encourages access to its

collections for the benefit of society in perpetuity. The 1907 Charter states that this is to be achieved primarily by the complete illustration of the geology, mineralogy, zoology, botany, ethnography, archaeology, art, history and special industries of Wales and generally by collection, conservation, elucidation, presentation and publication.

Although an independent chartered body, NMGW is supported by the National Assembly for Wales as an Assembly Sponsored Public Body (ASPB) and receives its core funding through grant-in-aid.

NMGW shares a common vision with the National Assembly. Both institutions are working to create a confident, outward-looking Wales.

### OUR AIMS

- To promote a wide understanding and knowledge of Wales's heritage, culture and role in world development and history
- To provide Wales with a national museum service which is an international centre of excellence, ensuring the best possible care for our continually expanding collections of national and international renown and importance
- To encourage research, study and appreciation of the arts, humanities, sciences and technology, through our collections and expertise
- To inspire an ever-widening audience to visit and enjoy our excellent museums and benefit from their diverse resources and facilities
- To develop wisely and use creatively and effectively all our resources, ensuring maximum efficiency and value for money



Anna Southall  
Director

## OUR COMMITMENT

NMGW currently operates museums in eight locations across Wales:

National Museum & Gallery	Cathays Park, Cardiff (NMG)
Museum of Welsh Life	St Fagans, Cardiff (MWL)
Roman Legionary Museum	Caerleon, Newport (RLM)
Welsh Slate Museum	Llanberis, Gwynedd (WSM)
Museum of the Welsh Woollen Industry	Dre-fach Felindre (MWWI)
Segontium Roman Museum	Caernarfon (SRM)
Turner House Gallery	Penarth (THG)
Big Pit, National Mining Museum of Wales	Blaenafon (BP)

All our museums and galleries are committed to:

- enhancing the collections through acquisition, donation, purchase and bequest
- identifying and documenting new collections as they are acquired, and transferring and improving existing paper-based records to modern computer-based information systems, so that we know exactly what we hold, its location and condition, in order to make them more accessible to the public
- preserving the collections in the safest and best possible conditions in order to delay the rate of natural decay of all materials. This work involves continual monitoring and improvement of storage areas, many of which are, for a variety of historical reasons, unsuited for their task
- conserving and restoring those items that need to be stabilised or are being put on display, so that they are made fit for exhibition and use; this includes the provision of analytical and laboratory services to assist this work
- opening our museums to the public, ensuring through our front-of-house staff, that the collections are secure, the display areas are safe and that facilities are of the highest standard. We also recognise that it is important to promote our museums, so that they are known to the widest possible audience and that our visitors are provided with the best possible experiences
- researching collections and interpreting the results of this research either through catalogues, papers, popular publications, live interpretation, permanent displays and galleries and temporary exhibitions

## OUR ACHIEVEMENTS

Examples of NMGW support for National Assembly aims 2000 - 2001

BETTER OPPORTUNITIES FOR LEARNING	
<p><i>Investment in people and lifelong learning so that everyone, in particular our youth, can gain the range of knowledge and skills required to fulfil their potential and prosper in the new economy:</i></p>	<p><i>In 2000/2001, over 200,000 visitors participated in NMGW educational programmes. NMGW has enhanced lifelong and formal learning opportunities using video-conferencing technology to deliver our collections and expertise to diverse audiences.</i></p>
	<p><i>NMGW has created the strategic post of Head of Education; appointed interpreters specifically to cover Llandeilo Tal-y-bont church and the House for the Future at MWL and appointed an Education Officer at MWWI.</i></p>
	<p><i>NMGW has launched 'Our Celtic Family' CD-ROM to provide a Key Stage 2 resource for schools and 'Welsh Women's History' resource pack based on MWL archive materials.</i></p>
	<p><i>NMGW has worked with ESIS (Education Support and Inspection Service) to develop 'A' level study days.</i></p>
<p><i>Promotion of active citizenship, creativity and entrepreneurship:</i></p>	<p><i>NMGW continued to develop SCAN (Schools Communities Agenda 21 Network) promoting sustainable development and citizenship to schools and youth groups.</i></p>

A BETTER, STRONGER ECONOMY	
<p><i>Increasing the number and quality of jobs and reduce economic inactivity particularly in less prosperous areas:</i></p>	<p><i>NMGW has formally integrated with Big Pit Mining Museum in Blaenafon, forming the National Mining Museum of Wales, thereby securing 50 jobs, and has been awarded a grant of £4.96m for its development from the Heritage Lottery Fund. The museum lies within the World Heritage Site designated in December 2000.</i></p>
	<p><i>NMGW is committed to the redevelopment of MWWI and a Stage II HLF bid is due for submission in September 2001.</i></p>
<p><i>Raising the international profile and influence of Wales and establish it as a first-class place to live, study, visit and do business:</i></p>	<p><i>In Llanberis, NMGW has acted as a catalyst in a public/private partnership-marketing project which attracted £250,000 of European funds into the area.</i></p>
	<p><i>The NMGW has been involved in an on-going marketing initiative to raise the profile of Big Pit, promote integration to the public and increase visitors from the locality and internationally.</i></p>
<p><i>Stimulating development that conserves natural resources and respects the environment:</i></p>	<p><i>NMGW continues to work in partnership with the City and County of Swansea to progress the development of a new waterfront Museum of international quality and standing. A Stage I application has been submitted to the HLF.</i></p>
	<p><i>At the Museum of Welsh Life, we have built a House for the Future in partnership with BBC and Redrow Homes in order to demonstrate sustainable housing for the future.</i></p>

**BETTER HEALTH AND WELL-BEING**

<p><i>Improving the well-being and educational attainment of all children in need:</i></p>	<p>NMGW has developed educational resources such as graded mathematics trails for the natural history galleries in 'Maths Year 2000' that were designed to improve educational attainment at a range of levels.</p>
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**BETTER QUALITY OF LIFE**

<p><i>Achieving high standards in the management of our environment:</i></p>	<p>NMGW has been involved in major joint research projects, partly funded by the EU, DFEE and the science research boards, such as the EU-funded INTERREG survey of the sea-bed life of the Irish Sea, a collaborative project with Irish partners.</p>
	<p>In 2000, NMGW, in collaboration with Environment Agency Wales, RSPB, Forestry Commission and the Countryside Council for Wales, staged the Ecofun Festival on sustainable living at MWL which attracted over 6000 visitors. The schools day, which attracted 2,400 primary school age pupils, was heavily oversubscribed.</p>
<p><i>Extending access to and awareness of the Welsh language, our culture, heritage and sporting opportunities:</i></p>	<p>In April and May 2000, free entry provision was extended to embrace all young people under 19, those aged 60 and over; and the unemployed. In April 2001, free admission was introduced to NMGW's permanent collections.</p>
	<p>NMGW has worked with the Welsh Language Board to implement the targets in our 3 year Welsh Language Plan, giving equal provision to Welsh and English. NMGW is the only national museum in the UK to operate bilingually.</p>
	<p>NMGW has continued making acquisitions to the collections including three important tapestries formerly at St Fagans Castle; Sorbus (Rowan etc) specimens from the Wye Valley ; and two early 19th Century watercolour views in North Wales by John Varley.</p>
	<p>NMGW has continued to extend and enhance the public facilities and displays at the Museum of Welsh Life by re-erecting Llandeilo Tal-y-bont church; completing the re-erection, furnishing and interpretation of the B2 Prefab; re-displaying the kitchen of St Fagans Castle to its late 19th-century appearance; and building a House for the Future.</p>
<p>NMGW has developed and implemented a changing programme of presentations and displays for the interactive Glanely Gallery, enriching access to our collections and the scholarly knowledge we have about them for our visitors.</p>	

**BETTER, SIMPLER GOVERNMENT**

<p><i>Delivering value for money for the people of Wales, with better and more efficient services:</i></p>	<p>NMGW has published its Annual Report, Corporate Plan and Council minutes on the web and actively consulted on its Corporate Plan.</p>
<p><i>Streamlining the way we do business and giving far greater weight in our work to the needs and views of our partners and the public, including under-represented groups:</i></p>	<p>A reorganisation of NMGW's senior staff and the development of an advisory committee structure has widened its advice base and will help to raise its profile.</p>
	<p>A Nominations Panel has been formed to oversee appointments to Court, Council and Committees.</p>

## OUR GOALS

Examples of NMGW support for National Assembly aims 2001 - 2002

BETTER OPPORTUNITIES FOR LEARNING	
<p><i>Investment in people and lifelong learning so that everyone, in particular our youth, can gain the range of knowledge and skills required to fulfil their potential and prosper in the new economy:</i></p>	<p><i>NMGW will promote the availability of the collections through digital media including the internet by implementing its strategy for the digitisation of NMGW collections to contribute, for example, to the National Grid for Learning. In particular, NMGW will make a catalogue of the Stone Age Collections available on-line, develop an accessible database of key NMGW paintings and sculptures for public access in the gallery and on-line and continue the project to digitise all oil paintings and sculptures and parts of other collections as part of 'Gathering the Jewels' programme, in partnership with the National Library of Wales and other key organisations.</i></p>
	<p><i>NMGW will undertake substantial visitor research and visitor satisfaction surveys, to build up an informed profile of existing and potential visitors, so that NMGW can increase its audiences from all backgrounds, and improve visitor fulfilment.</i></p>
	<p><i>NMGW will complete and implement a wide-ranging education strategy, incorporating events and activities at all museums.</i></p>

A BETTER, STRONGER ECONOMY	
<p><i>Increasing the number and quality of jobs and reduce economic inactivity particularly in less prosperous areas:</i></p>	<p><i>NMGW will implement the physical development works at Big Pit – National Mining Museum of Wales and secure the final match-funding for the HLF project.</i></p>
	<p><i>NMGW will implement physical development works at MWWI subject to Stage II HLF bid being successful and match-funding secured.</i></p>
<p><i>Raising the international profile and influence of Wales and establish it as a first-class place to live, study, visit and do business:</i></p>	<p><i>NMGW will undertake a substantial number of collaborative and international research projects in all our disciplines and to publish the results.</i></p>
<p><i>Stimulating development that conserves natural resources and respects the environment:</i></p>	<p><i>NMGW will continue to work in partnership with the City &amp; County of Swansea to develop a new Waterfront Museum of international quality and standing and following the successful Stage I HLF bid for £11M will submit a Stage II application in June 2002.</i></p>

BETTER HEALTH AND WELL-BEING	
<i>Improving the well-being and educational attainment of all children in need:</i>	<i>NMGW will develop educational resources designed to improve educational attainment at all levels and continue to provide ever more meaningful learning experiences to over over 200,000 learners a year.</i>

BETTER QUALITY OF LIFE	
<i>Achieving high standards in the management of our environment:</i>	<i>NMGW will develop an Environment policy which will explore ways in which NMGW can work in partnership with other organisations to enhance the pubic understanding of sustainable development and biodiversity.</i>
<i>Extending access to and awareness of the Welsh language, our culture, heritage and sporting opportunities:</i>	<i>NMGW will complete the plan and develop a funding strategy for developing Phase II of the Collections Centre at Nantgarw, in order to help address out long-term storage problem and offer increased access to collections.</i>
	<i>NMGW will mount an on-line literary eisteddfod and on-line exhibition of eisteddfod related collections, targeted at Welsh societies throughout the World.</i>
	<i>NMGW will continue projects of acquisition activity directed towards enhancing our collections.</i>
	<i>NMGW will continue to extend and enhance the public facilities and displays at the Museum of Welsh Life by continuing the re-erection of Llandeilo Tal-y-bont church; dismantling the Taffs Well Police Station; opening the B2 pre-fab; and completing the re-display of rooms at St Fagans castle.</i>
	<i>In 2001/2002, NMGW will seek to maximise the impact of free admission to NMGW's permanent collections, through targeted marketing, appropriate research and the development of membership schemes.</i>

BETTER, SIMPLER GOVERNMENT	
<i>Delivering value for money for the people of Wales, with better and more efficient services:</i>	<i>NMGW will use its new ICT infrasructure to improve resource planning and management, rolling out the new Management Information System, adding Big Pit to the Wide Area Network and developing plans for an internet covering all our Museums.</i>
	<i>NMGW will act on the recent review of commercial activities by installing an electronic point of sale system at NMG and MWL, reviewing all products and harmonising buying for generic products in order to review and re-negotiate discounts with suppliers, and examining options for setting up a trading company, for example.</i>
<i>Streamlining the way we do business and giving far greater weight in our work to the needs and views of our partners and the public, including under-represented groups:</i>	<i>NMGW will pursue its Partnership Programme to increase access to the collections across Wales, through loans, collaborative research and consultancy and in particular, develop a coherent plan for a range of regional initiatives.</i>
	<i>NMGW will complete its public consultation exercise on the future "Display of Art" with the aim of producing a strategic plan for the presentation of the NMGW art collection in the context of the other disciplines at NMG.</i>

**Anna Southall,  
Director, NMGW**

## EDUCATION AT NMGW

Education and interpretation is fundamental to all activity in the National Museums & Galleries of Wales for, above all, it is an educational institution. This obligation was placed upon it by its founding Royal Charter in 1907. Appropriately, therefore, it has always wished to lead the field of educational expertise, and indeed its original Museum Schools Service (established in 1948) was long regarded as a UK leader. Recognising the continuing importance of schools education, over 200,000 visitors in education-related parties were welcomed and facilitated during the year, while nearly 115,000 participated in our outreach programmes. This latter figure includes school-children who were able to use



The *Let Paul Robeson Sing!* exhibition at the National Museum & Gallery, Cardiff

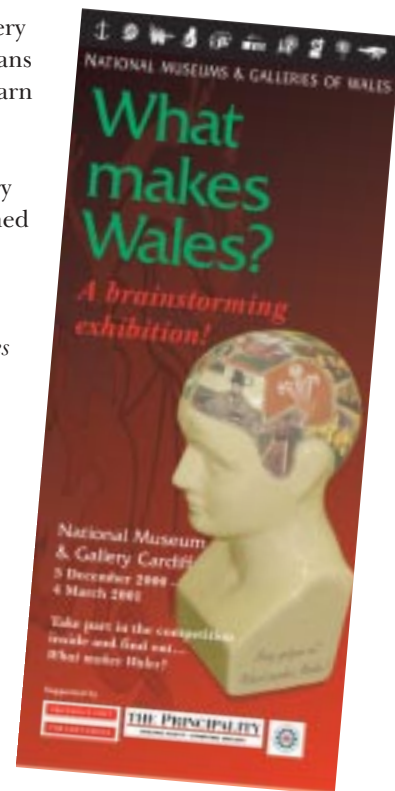
original specimens delivered to their schools – many of whom were able to discuss the material with our experts and with other schools via-video-conferencing – and others who were involved in our SCAN (Schools Communities Agenda 21 Network) computerised initiative promoting sustainable development and citizenship to schools and youth groups.

Much of our educational delivery, however, is for all ages and at many levels, whether by means of talks to Women's Institute or Merched y Wawr members, facilitating community arts and local history initiatives in the Valleys, or through participation at international scientific conferences. Recognising this and the need to integrate even better our delivery of knowledge and skills.

Much educational activity during the year was linked to creating a new strategy encompassing life-long learning for all, following from the successful

Glanelly Interactive Gallery at NMG. One major means of enabling visitors to learn is through temporary exhibitions, and a full programme of temporary exhibitions was maintained at the National Museum and Gallery.

*Pwy Ydym Ni?/What Makes Wales?* included associated events and workshops, linking schools in various regions via video-conferencing to discuss their ideas about national identity, whilst the exhibition itself developed with contributions from individuals and groups.



*Let Paul Robeson Sing!*, an American exhibition about the black socialist singer, was customised to show Paul Robeson's great impact on the mining communities of south Wales. Public response to the exhibition was most favourable, and it will now move to the Theatre Museum in London, with its educational elements touring Wales.

**Eurwyn Wiliam,  
Deputy Director NMGW,  
Director Collections & Education**



Glanelly Gallery

## NATIONAL MUSEUM & GALLERY CARDIFF

### INTRODUCTION

Over the year the National Museum & Gallery has presented a host of activities, from major exhibitions to 'hands-on' activity for families in its new Glanely Gallery, from major international academic conferences to interventions in settings around the museum and gallery by young designers, actors and musicians. The consistent feature of all the work is how the buildings, its collections and the people who care for them all inspire the different kinds of response.

Much of the activity of the National Museum & Gallery is documented here in the reports from individual curatorial departments. The four departments based at Cathays Park all balance their activity between their work on discipline-specific initiatives, and collaborative ventures which extend or apply their work to new arenas. Much of their work is generated away from Cathays Park, and is documented or presented in different ways both for our visitors and users here and by our users away from the site itself. Initiatives such as the CD-ROM 'Ancient Wales' is a good example of a facility which is a tool of value for different audiences. It is useful for visitors to the archaeology galleries, who can get specific information on what is on display; for students and specialists in schools and higher education; and for those with a general lay interest as a work of reference.

The introduction of free entry for under 19s and over 60s saw a change in the pattern of visitors. Over the year, the overall visitor figures rose by 21,974 from 204,902 to 226,876. The impact of family-orientated events such as the exhibition 'Horrible Histories' and holiday and weekend activities led to a boost in the number of visitors in family groups. Other outstanding exhibitions in the year were *Let Paul Robeson Sing!* and *Pwy Ydym Ni?/What Makes*



The *Horrible Histories: Funfair of Fear* exhibition

*Wales?* in the main exhibition space, and the stunning small exhibition 'Sisters Select' in the prints and drawings galleries. Throughout the year a changing programme focussed on art in and of Wales in the Art in Wales Gallery.



A 'Snake Talk' at Glanely Gallery

The visitor services team, of almost 100 staff, dealt with a changing audience with skill, and during the year worked on revising the services provided both at the Main Hall entrance and the Lodge entrance to improve the way visitors to the site are welcomed. Hands-on or interactive initiatives in the Glanely Gallery and other education spaces ranged from specific events such as *Insect Zoo* to contributions to themed events such as *Science in the City* or *National Archaeology Weekend*.

Many visitors attended specific events for target audiences amongst younger people and minority cultures. These included programmes involving the performing arts. *Faust* was a highly successful and innovative dramatic 'intervention'. Led by Director Firenza Guidi, members of the National Youth Theatre of Wales transformed corridors and cupboards, café counters and the main hall desk into settings for a contemporary version of the *Faust* legend. NMG also collaborated with Cardiff Waste Forum UWIC on a fashion show providing a platform for students working on designs using waste materials. NMG again collaborated with CADMAD on a programme of events as part of its 'One Tribe' festival, and on one-off events in the performing arts. The approach to these events, however dramatic and innovative, remains the introduction of our magnificent building and collections to the widest range of visitors and users.

**Mike Tooby**  
Director NMG





Perspex Welsh Dresser from the exhibition *Pwy Ydym Ni?/What Makes Wales?*

## ARCHAEOLOGY & NUMISMATICS

The Department cares for over 750,000 archaeological and numismatic objects and specimens. There has been a programme of computerised documentation since 1992 and now over half the collections have an inventory record. Although the primary aim is to improve the management of the collections, the data created also enable us to make the collections accessible to a wider audience.

The most significant advance is the production of *Ancient Wales*, which allows users to explore a map of Wales and discover archaeological sites and artefacts – an estimated 280,000 objects from the collections – from the area where they live. As well as interactive computer units in the galleries, 1,000 CD-ROMs of *Ancient Wales* have been produced for free distribution to primary schools in Wales.

During National Archaeology Weekend the Department decamped to the Roman Legionary Museum Caerleon. Visitors joined archaeologists, including *Time Team's* Mick Aston, to discover some long-forgotten Roman arts and crafts. The highlight was the creation of a colourful mosaic celebrating the Roman Legionary Museum's 150th anniversary.



National Archaeology Weekend: *Time Team's* Mick Aston visits Caerleon

This year the Department undertook two major excavations at sites in Wales. Fieldwork on the tidal island at Burry Holms, Gower, uncovered further exciting evidence of the occupation in this area during the Early Mesolithic (c. 7,000 BC). The discovery of a later prehistoric roundhouse, sited some distance from the known Iron Age promontory fort, came as a great surprise.



A Roman coin hoard discovered at Monknash, Vale of Glamorgan

Excavation at the Viking-period settlement at Llanbedrgoch, Anglesey, ongoing since 1994, focused on a stone-lined pool constructed around a spring in the early medieval period; a bread oven; a 9th/10th-century paved lane through the site and further work on the defences. Prehistoric features included a crouched burial, probably of Early Bronze Age date.

Once again, the excavation was made accessible through a bilingual diary, 'Digging for Vikings', on



Ancient Wales CD ROM



Burry Holms, Gower: excavation of an Early Mesolithic site

the Museum's website. This proved to be very popular and the project earned a 'highly commended' in the Channel 4 ICT Award category at the British Archaeological Awards.

Expertise in scientific research provides essential underpinning to all aspects of the conservation and



A 15th-century gold ring found near Usk and declared treasure

curatorial work of the Department. The ability to understand our collections has increased immeasurably with the arrival of a scanning electron microscope, part-funded by NMGW, at Cardiff University. This has allowed, for example, new research on items from the famous Llyn Cerrig Bach votive deposit of Iron Age metalwork and a greater understanding of material composition of a range of Iron Age enamels and metalwork from Wales.

The Department has a key statutory role in the operation of the Treasure Act in Wales. Objects declared treasure and

acquired for the national collections include a gold, electrum and copper hair ring of Late Bronze Age date from Gower, a hoard of Roman silver *denarii*, buried c. AD 150, from Monknash, Vale of Glamorgan and a late medieval gold iconographic ring from a site near Usk.

The Department continues to support the Portable Antiquities Scheme, initiated by the Department for Culture, Media and Sport, which promotes the voluntary reporting and recording of archaeological finds in England and Wales. The reporting, and eventual acquisition, of a rare miniature shield decorated in insular La Tène art from near Barmouth was a direct result of outreach work and clearly demonstrates the benefit of the Scheme. The success of the Scheme was acknowledged at the British Archaeological Awards, where it won the Spear & Jackson Silver Trowel for the best initiative in archaeology and the Virgin Holidays Award for the archaeological project best presented to the public.

ART

*Acquisitions and collection care*

The year saw the acquisition of half the collection of British and continental silver assembled by Sir Charles Jackson (1849-1923), one of the principal collectors and scholars in this field. Jackson had business interests in Cardiff, and his collection has been on loan to the museum since his death. Over 200 pieces have now been bought with the assistance of a substantial tax concession, and grants from the National Heritage Memorial Fund, the National Art Collections Fund, and the Worshipful Company of Goldsmiths. The collection is particularly rich in 16th and 17th century objects, and contains an unparalleled series of early spoons.

NMGW also acquired a portrait of one of the leading figures of Tudor Wales, William Herbert, 1<sup>st</sup> Earl of Pembroke (1507-1570), which became the centrepiece for a redisplay of our

early portraits. Penry Williams (1802-1885) was one of the most successful painters working in mid 19th-century Rome, and his *Mass for the Reapers* of 1858 was added to our already extensive holdings of his work. Two landscapes by Thomas Jones (1742-1807) were also acquired, one bequeathed by Mrs Evan-Thomas, the other, *Classical Landscape with a River*, 1794, allocated in lieu of inheritance tax by HM Government.



Two-handled cup and cover, silver, attributed to George Bowers, London, 1668-1669, part of the Jackson silver collection

NMGW has a commitment to contemporary art in Wales, and acquired work by, among others, Mary Lloyd Jones, Bethan Huws and Ken Elias. Frank Auerbach's *Park Village East – Winter*, 1998, was also added to the modern collection with the support of the Derek Williams Trust and the National Art Collections Fund.

The re-documentation of the art collection continues apace, with more than half of our 41,000 works of art now recorded on computer, including all oil paintings, sculpture and Welsh ceramics.



*Welsh Artists Talking* exhibition in the Art in Wales gallery



*Sisters Select: Works on paper from the Davies Collection* exhibition

### *Exhibitions and interpretation*

*Painting the Dragon*, a survey of three hundred years of Welsh art by Tony Jones, linked to a BBC TV series, was the most successful exhibition to date in the Oriel Celf yng Nghymru/Art in Wales Gallery. The boundaries of 'art in Wales' were extended by an exhibition of amateur art from the coalfield communities, and the year ended with *Welsh Artists Talking*, marking a book of the same name by Tony Curtis.

The paintings and sculpture given by Gwendoline and Margaret Davies are well-known; less so the drawings and watercolours included in their gift. These formed the subject of *Sisters Select: Works on Paper* from the Davies Collection shown in the Prints and Drawings Galleries, and subsequently toured to venues in Wales and England. Its catalogue was supported by the Friends of the National Museums & Galleries of Wales. The five-yearly *British Art Show* returned to Cardiff, September – November 2000, and was shown at the National Museum & Gallery and other venues in the city.

A busy programme of loans out to international exhibitions meant many minor changes in the Art Galleries. An 'exhibit of the month' features a topical work from the Prints and Drawings collection.

### *Research*

The Department has begun a two-year conservation survey of its forty-five paintings by Richard Wilson, funded by the Getty Program, which is producing valuable information on his working methods.



*William Herbert, 1st Earl of Pembroke*, unknown artist (Netherlandish school) c. 1565

## BIODIVERSITY & SYSTEMATIC BIOLOGY

### *Increasing Demand for Taxonomic Expertise*

Identifying and classifying objects are essential to our understanding of the world around us. From these activities we create a common language on names, and on this base we formulate all subsequent knowledge. The diversity of plants and animals is enormous and it is estimated that we have only described and catalogued some 40% of species. The science of naming (taxonomy) and classifying (phylogenetics) is in great demand through the current interest in the environment and conservation of nature, yet the experts available are in decline.

Museums are the last stronghold of this expertise, and the collections the record of this diversity. The depth of this expertise in NMGW is now unparalleled in any other single Welsh institution and is in ever-increasing demand locally and internationally. The majority of work carried out by the department deploys this expertise and the majority of our partnerships arise through this demand. In this year we have been involved in a large number of surveys, joint research and research contracts.

We have investigated rare Welsh species of plant such as hawkweeds and whitebeams and carried out fieldwork to supply correctly identified seeds to the National Botanic Garden for cultivation. With funding from oil companies, we have undertaken the identification of marine molluscs from the oil exploration fields west of Shetland. Recent insect surveys and re-identification of collections led to the



Entomologists in Lebanon, l-r John Deeming, Brian Levey, Mark Pavett, Mike Wilson



Curating the British Bryological Society's collection of mosses

discovery of over 30 species of beetle new to the Welsh fauna. Our expertise in fossil plants led to a successful NATO grant which will combine Welsh, European and North American investigations. We have embraced the new technology of molecular (DNA) sequencing and are working in partnership with universities on mosses and freshwater mussels.

The marine surveys of the Irish Sea have led to the discovery of over a thousand species and demand for this expertise led to the successful bid to study the offshore sand banks in collaboration with the Countryside Council for Wales and UC Bangor.

The East African Darwin project nears completion and there are now at least 50 species new to science awaiting description. Similarly the Shoals of Capricorn programme in the Seychelles benthic project has begun to yield new species to science. Insect expertise is constantly in demand, especially in less developed countries. This year, our co-operation was requested by Lebanon and Indonesia. This type of collaboration often has a practical side and is frequently related to agricultural pests.

Taxonomic research and the data emerging are in constant development and growth, so that much is ongoing. This is most apparent in the national and international initiatives in which we are currently involved, with much initial effort required to establish them. Access to the large data sets generated by these projects is being facilitated through on-line sites within NMGW but also through national networks such as MarLIN (Marine Life Information Network) and the National Biodiversity Network. Through these we hope to support the need for this data by the UK Biodiversity Action Plan and the Local Biodiversity Action Plans devised by each Unitary Authority. Access to our

international data is more complex, but we are awaiting developments in the Global Biodiversity Information Facility and Species 2000.

Facilitating taxonomy is as important as the original research. With support from the Environment Agency we have contributed to a new guide to the freshwater clams of the British Isles and have a key to lichens at manuscript stage. Our international projects have strong elements of capacity building within them and trainees from the Darwin Galapagos project will visit NMGW this year, following successful training visits completed by our staff. We have undertaken workshops in identification for amateur groups and project a growing interest in such courses.



Field training in sampling methods, Santa Cruz Island, Galapagos, Ecuador

Through this expertise we intend to establish NMGW as a centre for biodiversity studies in Wales, for Wales, and to give Wales an international reputation in this field. In order to promote this, the planning stage of a review of the role of NMGW in the Environment and Sustainability Agendas has been completed. Next year, via wide external consultation, we will examine the various roles in survey, research, information and public awareness open to the museum.

### Collections

Expertise is essential, but the collections and library are the primary tools. Access to the collections increases, and this year has seen more than 24,000 specimens added to our databases. Conservation of the collections has focused on two major reviews of

the vertebrate and parasites stored in spirit and on continued research of the herbarium, where past preservatives remain problematic.

The major acquisition has been that of the British Bryological Society's (BBS) collection of mosses. This collection contains the voucher material for many new records and is widely consulted by recorders and researchers. By acquiring this collection and maintaining a partnership with the BBS, NMGW is at the heart of this field of botany.

We have also acquired the Horton collection of moths and butterflies, collected mostly in SE Wales, and this has already attracted local enthusiasts to use our facilities.

The Viader collection of shells, which dates from the 1930s, was donated by René Viader's grandson (now residing in Cardiff). Of Mauritian origin, Viader was in frequent contact with Tomlin (the benefactor of our core collection) and these collections are historically linked. Previously thought lost, this collection contains some type specimens and is the voucher collection for the last published checklist.

The care of, curation and access to the collections has been extensively reviewed over this year as part of the preparation of a strategy to remove the curatorial backlog and take advantage of the electronic communication media.



*Murex antelmi*, a type specimen from the René Viader collection

## GEOLOGY

### *Collections*

The appointment during the year of temporary contract staff in both the Palaeontology and Mineralogy/Petrology sections has enabled us to begin to make significant inroads into the backlog of uncurated specimens, enhancing accessibility to several thousand additional items in the collections.

### *Research and International Co-operation*

Visits by staff to Sweden and Belgium in connection with the Gondwana Project, and to Chile for a symposium on Andean metamorphism at the Ninth Chilean Geological Congress emphasised the continuing importance of international liaison within the remit of the Department's research programmes. Closer to home, projects included taxonomy and



A trilobite from Llandrindod Wells; this remarkable form has the two compound eyes merged into one enormous visual organ that enabled the animal to see in all directions. It was probably mesopelagic, living at a depth of perhaps 150-200 metres below the surface of the Ordovician sea, about 460 million years ago



An unusual form of iron pyrites from the Prince Edward Mine. The image, taken on the recently acquired scanning electron microscope, is 500 microns across. The specimen was collected during field investigations into the origins of the gold-bearing mineral veins in the Dolgellau Gold Belt area of Wales.

palaeogeography of Ordovician trilobites from central Wales, and the Tertiary igneous history of the Irish Sea region. The Department was involved in running field trips to south Wales for overseas delegates to the Millennium Brachiopod Conference, based at the Natural History Museum, London.

Geological conservation issues continued to form an important facet of the Department's work, and the year saw the completion of the MINESCAN project. Included in the various lines of enquiry that it has generated was a seminar for mineral planners held at the Museum, and research into the mineralogy of the Dolgellau gold deposits; one result of the latter was the discovery of an unusual form of the common mineral pyrite (iron sulphide). Images produced of this and other geological specimens using the newly commissioned scanning electron microscope have demonstrated the exciting potential of this state-of-the-art equipment.

### *Exhibitions and external liaison*

Project managers of the Johnson Geocenter, St John's, Newfoundland, having been inspired by the



*Evolution of Wales* gallery, seconded expertise from the Department of Geology for several months to advise on the setting up of their geological displays.

Linked with preparatory work for the forthcoming *Flight* exhibition, a highlight of the year was the presentation at the Museum by astronauts Dafydd Rhys Williams and Bonnie Dunbar on science on board the Space Shuttle, following which they shared the stage with Assembly First Secretary Rhodri Morgan and Education Minister Jane Davidson to announce the local winners of the International Space School Educational Trust's *Science in Space 2001* competition for school students. A reception hosted by the Department of Geology afforded an opportunity for staff and sponsors of the Flight exhibition to meet the astronauts.



Presentation of plaques to Department of Geology staff by visiting NASA personnel, at an informal reception at the National Museum & Gallery, February 2001. L-r: Mr Geoff Mules, Director of ISSET; Mr Dafydd Rhys Williams, Shuttle astronaut; Prof. Michael Bassett, Keeper of Geology; Dr Bonnie Dunbar, Shuttle astronaut and Assistant Director of NASA; Dr Robert Owens, Assistant Keeper of Geology.

## LIBRARY

Besides placing the records of all new acquisitions onto the computerised Library Management System (LMS), the Tomlin Library of molluscan books was also added. This material, consisting of some five thousand books and pamphlets, is one of the most important collections in the Library. The rare books in the Main Library, largely early natural history and Welsh topographical books, are also now on the LMS, as are the accessions for 1995 and 1996. Thus, there are now almost 30,000 records on the system.

With the assistance of the Friends of the NMGW, a start has been made on creating a database of late eighteenth- and early nineteenth-century prints to be found in published accounts of tours in Wales and the Marches. The database will be fully searchable, and will include subject terms and lists of artists.

The special collections have benefited from three outstanding acquisitions purchased at auction. The first is an account of a tour of north and south Wales undertaken by the 5th Duke of Rutland in 1797. Only a limited number of copies were printed when the book was published in 1803, and this was the first time for very many years that a copy had appeared on the market. The volume contains a number of aquatints, possibly based on drawings by the Duchess of Rutland.

The second item concerns James Spence, owner of the Melingriffith Tinplate Works just outside Cardiff. He was presented in 1888 with an album of photographs of Wales when he retired as Chairman of the Tinplate Manufacturers Association, the album being in an elaborate binding by the famous London firm of Zaehnsdorf.

In 1983 Gwasg Gregynog produced an edition of extracts of the writings of the Revd Francis Kilvert, Curate of Clyro. Illustrated with wood engravings by Sarah van Niekerk, the Library purchased a copy of the James Brockman special binding, with additional prints by the artist.



*Torrent Walk, Dolgellau*: one of a series of Welsh views from the James Spence presentation album

## MUSEUM OF WELSH LIFE ST FAGANS

In many ways the Museum of Welsh Life found itself at the mercy of the elements this year. Record rainfall adversely affected visitor numbers and building programmes alike and the outbreak of foot-and-mouth disease actually forced the complete closure of the site in March. Despite these tribulations, however, significant progress was made on all fronts and there are a number of noteworthy achievements to record.

The most high-profile of these developments was the completion of the House for the Future, a radical departure for the Museum. This project offered architects the opportunity to portray their vision of the way they saw housing in Wales developing over the next fifty years.

The House was designed by London-based architects Jestico+Whiles, and built by Welsh house-builders Redrow Homes. The interior furnishing was coordinated by leading Welsh designer Angela Gidden and the futuristic garden was the result of collaboration between designers Richards, Moorhead & Laing and landscape contractors Gerald Davies. Also involved in the project was United Welsh Housing Association, who hope to use some of the innovative features of the building in the properties they manage.

The House was lived in for a period by the Powell family from Bridgend, and the whole project was the subject of a series of three television programmes broadcast on BBC Wales. The project caught the public imagination in the most remarkable way and generated an immense amount of publicity for the Museum. The innovative nature of the partnership between the Museum and Redrow Homes attracted £40,000 from Arts & Business, the largest single



The House for the Future

grant ever made in Wales. The House was scheduled to open on 1 March, but unfortunately this had to be postponed because of foot-and-mouth disease.

Significant progress was also made on the Museum's other building projects. The late medieval church from Llandeilo Tal-y-bont reached wall-plate level, and a full-time interpreter was appointed to realise the tremendous educational potential not only of the



The *Bardou Job* rose

building, but also of the building process itself. The work of conserving the B2 Pre-fab from Gabalfa, Cardiff was completed and the building moved into position on the site. The long-standing problem of water ingress in St Fagans Castle

was finally resolved, and good progress subsequently made on the furnishing of the first floor rooms. This task was boosted by two important acquisitions – a set of three Mortlake Tapestries which formerly hung in the Castle and a 17th-century raised-work picture of *The Judgement of Paris*. The purchase of both was supported by grants from the National Art Collections Fund. Equally fortuitous was the chance rediscovery of the *Bardou Job* rose, one of the original roses planted in the Castle Rosery, which was found, of all places, in the Governor's Garden on Alcatraz, the former island prison in San Francisco Bay.

One of the Museum's smaller historical buildings was completed during the early part of the year with the installation of the water wheel and milling machinery in the Deheufryn Gorse Mill, from the Conway valley. The work was carried out with the help of Bridgend College. The final quarter of the year also saw a start made on the Museum's next major re-erected building project with the recording and dismantling of the Taffs Well Police Station and its removal to St Fagans.

There was a distinctly innovative feel to the Museum's annual events programme this year. 'Wales and the World' was the theme for the May Fair, which featured a variety of performances and activities reflecting the diverse cultures characterising modern Wales. The event, which attracted 17,000 visitors, featured musicians, dancers, artists and craftsmen from the Indian, Sri Lankan, Irish, African, Caribbean, Chinese and many other ethnic communities now living in Wales.

As its name suggests, Ecofun was an environmental festival organised in partnership with the Environment Agency, the RSPB, The Countryside Council for Wales, The Forestry Commission and many local groups and societies. The event was officially opened by Sue Essex AM, the National Assembly's Environment Minister. Friday, 19 May was a schools day and attracted 2,400 school-age students who were all engaged and enthused by the exhibitions and activities on site.

Early June saw the staging of the Miners' Gala, the last of three such events to be sponsored by Tower Colliery. This year's procession included three bands and five lodge banners, including that of the Bevin Boys, the young men who performed their war service in the coal mines during World War II. The guest orators were Paul Flynn MP, Christine Chapman AM, Tyrone O'Sullivan, and Graham Henry. Once again the annual Open-air Theatre Festival was a spectacular success, with the three

plays attracting audiences totalling 13,300. Halloween was as popular as ever, attracting 3,600 visitors despite the torrential rainfall which had caused extensive damage to parts of the Museum on the previous evening. Finally, the Christmas Tree Event was outstandingly successful, attracting almost 13,000 visitors – 4,400 of them on the Saturday alone.



*The Judgement of Paris*, 17th-century raised-work picture

Unfortunately, on the last day of February the Museum was closed to the public as a precaution against the spread of foot-and-mouth disease. Front-of-house staff were diverted to other activities, and performed sterling service in tackling various data-inputting backlogs and in undertaking maintenance and conservation work on the site.

Fortunately the closure did not continue for too long and the Museum, and indeed the whole of the Welsh tourist industry, was officially re-opened from the House for the Future by Mike German AM, Deputy First Minister and Philip Evans, Chairman of the Wales Tourist Board – an invaluable publicity boost which was to have dramatic consequences for the current year.

On a sadder note, colleagues and friends were stunned to hear of the sudden death of John Owen Huws on 19 March. As Visitor Services Manager at the Museum of Welsh Life, John was responsible for all the Museum's front-of-house activities and was instrumental in establishing many of its more popular events, working tirelessly and with great enthusiasm to ensure their success. He will be very much missed by all who knew him.

## INDUSTRY

### *Collections care and access*

The year was dominated by preparation for, and implementation of, the move of the Department, including the small artefact collection, archive and photographic collection and library from 126 Bute Street to the Collections Centre, Nantgarw. Eight recent conservation graduates were recruited to undertake the extensive conservation and packing programme for the move, which took place in September and October. The collections now enjoy greatly improved storage and are more accessible both to staff and, by appointment, to the public.

Conservation survey projects were carried out at Nantgarw on the mines rescue breathing apparatus collection and on the modern industry collection, highlighting the conservation requirements of artefacts composed of mixed materials and of modern materials.

### *Future development*

Members of curatorial staff have been deeply involved in planning for the proposed National Waterfront Museum at Swansea, leading to the submission of the Stage I bid to the Heritage Lottery Fund in June. Planning continues whilst the bid is being determined.



The refurbished Blacksmiths' Shop at Big Pit

Big Pit Mining Museum became integrated with NMGW in February. The Coal Curator, who is partly based at Big Pit, and members of conservation staff have refurbished the displays in the blacksmiths' shop and in the surface stables, and excavated the mine's mortar mill. Planning of displays continued



Moving the Department of Industry

whilst the funding package was completed for the improvement and re-display of Big Pit.

### *Collections management*

In addition to preparing for and participating in the move, collections management staff entered over 5,250 artefacts onto the collections management system during the year. Priorities for the coming year will be the continued updating of records as a result of the move, commencing accessing the Big Pit collection, and accessing the contents of the Welsh Slate Museum that Gwynedd Council transferred to NMGW last year.

### *Accessions*

The nationally important collection of mine lighting, numbering 1,200 items, assembled over a lifetime's collecting across south Wales by Mr M.G. Tancock of Seven Sisters was purchased; we intend in due course to display as many items from it as possible at Big Pit and Swansea. Other significant accessions include a wide range of products and company literature from modern Welsh industry, particularly toy manufacturing; the Cacwn, a River Seiont salmon boat; and a collection of tramroad and early railway artefacts assembled by the late Mr H. Townley, a noted historian in this field.

Staff contributed to the *Pwy ydym Ni?/What makes Wales?* exhibition at NMG which included artefacts and works of art from the Department's collection.

**WELSH SLATE MUSEUM  
LLANBERIS**

This has been another busy and successful year for the Welsh Slate Museum, with its continued increase in visitor attendance reversing the trend at many other visitor venues in the north of Wales.

The Llanberis Project – an innovative combination of private and public sector partners, including WSM, and drawing down matched European funds – plays an important part in promoting the area as a first rate visitor destination. It was gratifying, then, that both the Welsh Slate Museum and the Llanberis Project were nominated this year for Whitbread Walker/Wales Tourist Board Awards, the former as Visitor Attraction of the Year, the latter as a Marketing Consortium. Both achieved a top three position, although the main award eluded us this time.

Conservation repair of the De Winton waterwheel has now been completed, while work got under way in January 2001 on the water main and tank above the wheel. All are Scheduled Ancient Monuments, and a pleasing element here has been the co-operation between NMGW, Cadw and Gwynedd Archaeological Trust staff in devising a conservation methodology that will

ensure the continued operation of the wheel – the largest on mainland Britain – for another century.

In December 2000, Cadw launched their new guidance book, *Caring for the Industrial Heritage of Slate*, at WSM. In addition, conservation work on two former WIMM model steam locomotives, a GWR 15XX replica and a Beyer Peacock Welshpool & Llanfair replica, has now been completed. Both are



Welsh Assembly Minister for Culture, Sport and the Welsh Language, Jenny Randerson, with children from Ysgol Penrhyndeudraeth during a visit to the Welsh Slate Museum.

in full working order, and were demonstrated during the February 2001 Model Railways event.

Jenny Randerson AM, the newly appointed Minister for Culture, Sport, and the Welsh Language, visited WSM in November 2000. She congratulated WSM staff on the success of their redeveloped Museum, and was given a tour of the site.

November 1900 witnessed the start of what was to become the “Penrhyn Lockout” at Penrhyn Slate Quarry, Bethesda, Gwynedd, an epic three year struggle that left an indelible impression both on the community and on the history of labour disputes in Wales. WSM commemorated the Lockout in several ways, primarily by working with Brenda Wyn Jones, the author of *Bwli a Bradwr* – a recent study of the period, aimed at primary school pupils – and providing a series of workshop sessions in the Quarrymen’s Houses.



The Quarry Engineer’s House.

### SEGONTIUM ROMAN MUSEUM CAERNARFON

During 2000-2001 a total of 8,810 people visited Segontium Roman Fort. Several groups took part in animation and education activity, these often led by the Archaeology Education Officer based in Cardiff. New 'brown' tourist signing to the site was installed for visitors arriving in Caernarfon.

The level of activity on the site was, however, affected at the end of the year by the foot-and-mouth outbreak, which led to the effective closure of the site from 1 - 21 March 2001.

Over the last year discussions about the future investment in and management of this important site



Celtic Pottery Workshops at the Segontium Roman Museum

developed, with the steering group of partners involved in the management of the site joining with local authorities and others to begin work on how the site could best be approached in the future. This laid the foundations for work which will continue in 2001 - 02.

### ROMAN LEGIONARY MUSEUM CAERLEON

The year 2000 was a memorable one for the Roman Legionary Museum, as it celebrated its 150th anniversary. A programme of events was organised to mark this very special occasion in the Museum's history. The events began on 6 April with a VIP evening which officially opened the new Pegasus Centre. This multi-purpose building, kindly sponsored by Save and Prosper, has provided the Roman Legionary Museum with additional space for

events and lectures and an undercover picnic area for schools. During the evening the Ermine Street Guard led a procession of guests to the Priory Hotel where food specialist Sally Grainger had prepared a feast of Roman food; this banquet was preceded by an interactive Roman murder mystery.

Junior Legion day was held on 8 April. Six local schools, consisting of 450 'soldiers', enlisted in the Junior Legion and marched from the University of Wales College Newport to the Amphitheatre dressed in armour and carrying the standards of their schools. The Ermine Street Guard drilled the soldiers using only Latin commands as they performed in the Amphitheatre.

The main event of the year, co-funded by Cadw, was 'The Empire Strikes Back' in July. A century of legionary soldiers was joined by the cavalry and performed a spectacular display in the Amphitheatre. The Amphitheatre was also the venue for the first gladiatorial combat in approximately two thousand years; nine gladiators travelled from Italy to join the anniversary celebrations. This successful weekend attracted over 7,000 visitors.

To celebrate both the Museum's birthday and the birthday of the Second Augustan Legion we held a birthday party,



Italian Gladiators in the Amphitheatre at the Roman Legionary Museum

complete with a cake in the shape of the Roman Legionary Museum. During the day a Roman village was created in the garden and in the evening there was a torchlit performance in the Amphitheatre.

Throughout the celebrations we held an art competition entitled 'Art and Archaeology', which aimed to encourage local artists to use Roman

Caerleon as their inspiration. The work of the successful artists was on display during the year.

'Art in Archaeology' was also the theme of the National Archaeology week. The event was organised and run by the Archaeology department, with a variety of activities organised to encourage visitors to explore their own perceptions of the archaeological heritage of Caerleon.



Celebrating the RLM's 150th birthday – *The Empire Strikes Back*



The 150th celebrations were brought to a close with the Day School held at the University of Wales College Newport. The anniversary was also marked by a new RLM guidebook, written by Richard Brewer, Keeper of Archaeology & Numismatics.

In addition to the anniversary celebrations a series of temporary exhibitions were displayed in the Gallery, with topics ranging from the foundation of the Museum to Roman wall plaster. A kind donation from the Friends of the National Museums & Galleries of Wales allowed us to purchase twenty sets of new armour for the Capricorn Centre.

The success of the anniversary year is reflected in visitor numbers, which totalled 58,995, showing an increase of 3,359 over the previous year.

## MUSEUM OF THE WELSH WOOLLEN INDUSTRY DRE-FACH FELINDRE

### *Place, People and Product*

As lead museum for wool and the NMGW flagship site in west Wales, MWWI formulated redevelopment plans to create a national museum of quality – lively, informative, educational and dynamic – where the national collections relating to the woollen industry are preserved, curated and presented to the highest modern standards. It was also a year which further confirmed the importance of the relationship between landscape, people and the textiles they produced in the history of the Welsh woollen industry.

### *Place*

During 2000, CADW published *Landscapes of Special Historic Interest: Drefach Felindre*, which noted this site's essential role in the area's history, firstly as home to the Cambrian Mills, the largest in the area, built at the turn of the 20th century, and latterly as one of the few remaining working mills and a museum of national and international importance to the history of the woollen industry.

Adam Gwilt, NMGW's Curator of Later Prehistory, and colleagues in the Department of Archaeology prepared a report, *Early Peopled Landscapes: the*



The Woollen Mill



Willy's Meadow

*Archaeology of the Drefach Felindre Area*. It provides an overview from the last Ice Age to the medieval period – from the time the Teifi river valley and its tributaries were covered in ice, through the wide range of recorded settled enclosures and promontory forts in surrounding parishes, to Capel Penrhiw at the centre of the village, thought to be a chapel converted from an existing barn and now re-erected at the Museum of Welsh Life.

On a more contemporary note, Cambria Archaeology completed an *Industrial Archaeological Survey* of the site, with a brief to provide a technological, constructional history of the mill and an assessment of its influence in the village and the wider community. Alongside the usual suite of archaeological survey and recording techniques emerged two more unusual elements for an industrial site; the recording of oral tradition and the *in situ* recording of the graffiti throughout the site. This graffiti records daily events, gossip, movement of staff and has even established the date of major roof repairs.

In summer 2000 we purchased 3.5 acres of land called 'Willy's Meadow'. Situated on the west side of Nant Bargod, which runs through the site, it has provided increased river frontage and the potential for environmental studies. In the heyday of the industry the meadow was used to accommodate tenter frames – to stretch blankets to dry on 'tenter hooks'.



## People

In September, we appointed the first Education Officer dedicated to the site and the woollen industry. Llinos Thomas from north Wales, a history graduate, has also studied on the renowned Museum Studies Course at Leicester University. Pippa Murphy joined the team as Project Assistant for the redevelopment of the site, while Tracey Morris, AMA, completed a six-month contract to audit and produce an Action Plan for Collections Management, described as 'magnificent' by documentation staff. Vicky White and Amie Gutteridge joined the part-time staff at front of house. Further good news was the approval for the appointment of a Curatorial Assistant (Collections Care & Access) – the first post in Wales dedicated to the research, care and access of the woollen industry collections.

## Product

The major donation of the Goodwin Collection from Ffatri Conwil in Cynwyl Elfed has been a highlight of the year. The donor, the late Miss Ann Wilkins, provided not only a unique archive of fabrics and memorabilia but the opportunity for MWWI to create

a tangible link with colleagues in the Textile Museum in Newtown, Powys – once known as “the Leeds of Wales”. Meanwhile, the National Flat Textile Collection has been completely rereaked with a system designed by Nigel Lee, precision engineer, to standards approved by the NMGW Textile Conservator.

A staff development project by Olga James, Shop and Café Assistant, conducted a survey of the type of products made at Cambrian Mills, using her family and the community as willing sources of information. The surprising variety of garments and the range of flannel/blankets manufactured will inform the discussion for 'heritage products' to be produced for resale at all NMGW shops.

Finally, the year was dominated by two major events – one bad and one good. Towards the end of the year, the foot-and-mouth crisis had a considerable effect on the movements and morale of both visitors and the communities in west Wales. The good news, however, was the approval by the Heritage Lottery Fund of the First Stage Application for the redevelopment of the museum, followed closely by the beginning of work on the more detailed Second Stage submission.



Spinning mule demonstration

## TURNER HOUSE GALLERY

This attractive late Victorian gallery in suburban Penarth has long provided a venue for temporary exhibitions of modern and contemporary Welsh art. During the first half of the year, it saw two group exhibitions, the 105th Annual Exhibition of the South Wales Art Society, and an exhibition of work by members of the Watercolour Society of Wales. Between these came *Ken Elias – The Pictures*, a dream-like series of images from the artist's Neath childhood.

During the latter part of 2000-01, and in the months that followed, the Gallery was used for a year-long

celebration of the work of Graham Sutherland (1903-1980), one of the most acclaimed British artists of the mid-20th century. The Pembrokeshire landscape was a fundamental influence on Sutherland, both in the mid 1930s and during the last fifteen years of his life. NMGW has an outstanding collection of Sutherland's oil paintings, watercolours and drawings, as well as designs for the decorative arts, painting materials and the *objets trouvés* from which he drew inspiration. With changing thematic sections of graphic work, the Sutherland season enabled visitors to explore the wide range of his artistic activity.



*Road to Porthclais*, Graham Sutherland (© Graham Sutherland Estate)

**PRIMARY PERFORMANCE INDICATOR FIGURES****VISITOR FIGURES FOR THE PERIOD** 1 April 2000 - 31 March 2001

	Actual 2000/01	Actual 1999/00
National Museum & Gallery	226,876	204,902
Museum of Welsh Life	321,810*	323,566
Roman Legionary Museum	58,997*	55,612
Welsh Slate Museum Llanberis	53,890*	46,963
Museum of the Welsh Woollen Industry	9,036*	12,047
Turner House Gallery	10,554	8,939
Segontium Roman Museum	8,810*	8,833
<b>TOTAL</b>	<b>689,973</b>	<b>660,862</b>

\* Museums closed to the public from 1st-20th March inclusive owing to the Foot & Mouth crisis.

The Museum's performance measured against its Primary Performance Indicator targets set by the National Assembly for Wales is as follows:

	Target 2000/01	Actual 2000/01	Actual 1999/2000
1. Visitor Numbers ('000s)	738	690	662
2. Percentage of collections documented for inventory control	19.63%	25.60%	9.40%
3. Percentage of time open <sup>a</sup>	52%	45.5%	-
4. Self-generated income as a percentage of net operating spend <sup>a</sup>	4.64%	6.6%	-
5. Number of people visiting NMGW to participate in educational programmes ('000s)	170	201	163

a During 1999/00, NMGW took part in a DCMS review of Performance Indicators in National Museums. A revised set of Performance Indicators was adopted following this review, in consultation with the National Assembly for Wales, and this included new and re-defined indicators.

**COURT OF GOVERNORS** (at 31 March 2001)

**PRESIDENT**

Mathew Prichard CBE, DL, BA

**VICE PRESIDENT**

Alun Thomas BA, FCA (to July 2000)  
Roger G. Thomas OBE, LLB, CIMgt (from Oct 2000)

**TREASURER**

G. Wyn Howells ACIB

**MEMBERS OF THE COUNCIL NOT OTHERWISE MEMBERS OF THE COURT**

Sir R. Hanbury-Tenison KCVO, JP, KStJ, FRSA (to Mar 2001)  
Mrs A. Carey-Evans  
R. G. Thomas OBE, LLB, CIMgt (from Jan 00)  
J.W. Evans CBE, MA

**APPOINTED BY THE LORD PRESIDENT OF THE PRIVY COUNCIL AND THE SECRETARY OF STATE FOR WALES**

Dr Susan J. Davies BA, PhD  
Dr Peter Warren CBE, MA  
Linda D. Quinn  
C. Malcolm Parry  
Eirlys Pritchard Jones BA  
Dr Nancy M. Edwards BA, PhD, FSA

**THE NATIONAL LIBRARY OF WALES**

T. A. Owen (deceased), MA (OXON), MA (WALES), FRSA

**THE UNIVERSITY OF WALES**

Roderic Bowen, QC, MA, LLD (to Nov 2000)  
Mair Waldo Thomas (from June 2000)  
Professor John King (from Nov 2000)

**WELSH JOINT EDUCATION COMMITTEE**

Councillor D. Parry Jones

**MEMBERS OF PARLIAMENT FOR WALES**

Barry Jones BSc  
Dafydd Wigley AM  
W. Griffiths  
3 vacancies

**APPOINTED BY THE COURT**

T. G. Jones BA (to Mar 2001)  
J. A. Davies BSc, MA, PhD (to Mar 2001)  
D. C. Jones-Davies OBE, JP, MPhil, FRSA (to Mar 2001)  
Sir D. C. Mansel-Lewis KCVO, JP, BA, KStJ, FRSA (to Mar 2001)  
Capt. Gwyn D. Pari-Huws (to Mar 2001)  
H. Jones  
D. Bowen Lewis

**REPRESENTATIVES OF LOCAL AUTHORITIES**

Councillor A. Earle (deceased)  
Councillor J. G. Jenkins  
Councillor R. W. Hughes  
Councillor P. G. Larsen  
Councillor P. M. Thomas  
Councillor D. Phillips (to Nov 2000)  
Dr C. Grace  
Councillor R. Francis Davies  
Councillor D. Rogers  
Councillor J. A. H. Harries

Councillor R. Cass

Councillor R.H. Poole

Councillor J. Huish

Councillor D. I. Bowen (from Nov 2000)

**ORGANISATIONS IN WALES**

Cambrian Archaeological Association: K. Mascetti  
The Council of the  
Royal National Eisteddfod: G. E. Humphreys  
The National Museum of Wales Society: H. Looker  
The Council of Museums  
in Wales: J. Pembridge (to June 2000)  
Councillor R. Francis Davies  
(from Jan 2001)  
Wales TUC Cymru: Ms A. Wellington  
The Welsh Council of the CBI: D. K. Jones, BSc  
(to Mar 2001)  
The National Trust: M.A. McLaggan  
The Arts Council of Wales: Sybil Crouch  
Wales Tourist Board: Jonathan Jones  
The Welsh Wildlife Trusts Ltd: Mrs J. Raum,  
BSc, MIBiol, CBiol  
(to Feb 2001)  
Countryside Council for Wales: P. Loveluck  
Council for British Archaeology: F. L. Llewelyn  
The Federation of Museums and  
Galleries in Wales: C. J. Delaney, BSc  
(to Feb 2001)

**COUNCIL** (at 31 March 2001)

**PRESIDENT**

Mathew Prichard, CBE, DL, BA

**VICE PRESIDENT**

Alun Thomas, BA, FCA (to July 2000)  
Roger G. Thomas OBE, LLB, CIMgt (from Oct 2000)

**TREASURER**

G. Wyn Howells, ACIB

**APPOINTED BY THE SECRETARY OF STATE FOR WALES**

Dr Susan J. Davies, BA, PhD  
Mrs Eirlys Pritchard Jones, BA  
Dr Nancy M. Edwards, BA, PhD, FSA  
Dr Peter Warren CBE, MA

**ELECTED BY THE COURT OF GOVERNORS**

M. J. M. Clarke MA, DL (to Oct 2000)  
D.K. Jones BSc (to Mar 2001)  
D. Bowen Lewis

**ELECTED BY THE COUNCIL**

Sir R. Hanbury-Tenison KCVO, JP, KStJ, FRSA (to Mar 2001)  
Mrs A. Carey-Evans  
R. G. Thomas OBE, LLB, CIMgt (to Oct 2000)  
J. W. Evans CBE, MA



Mike Knowles  
 Brynley Latham  
 Andrew Lee  
 David Lloyd  
 Neil Mathews  
 Jim McNeil (to 30/6/00)  
 Gill Mellings  
 Narinder Singh Mann  
 (to 4/8/00)  
 Malcolm Morgan  
 Margaret Morgan  
 Victoria Mynard  
 Steve Owen  
 Alan Parker  
 Dennis Pellow  
 Doug Pugh  
 Colin Rees  
 Dean Rogers  
 Sarah Scadden (from 12/9/00)  
 John Sendell  
 Bob Styles  
 Joe Taylor  
 David Thomas  
 Stephen R Thomas  
 Peter Thomas  
 Sylvia Thomas  
 Terry Thomas  
 Allen Tyler  
 Celia Vincent  
 Bryn Williams  
 David Williams (to 23/7/00)  
 Rhys Wynne Williams  
 Malcolm Williams  
 David Young (from 1/2/01)  
*Cleaners*  
 Wendy Batten  
 Pat Blow (to 28/2/01)  
 Carol Clark  
 John Charles  
 Ronnie Power  
 Jenny Eccles  
 Joyce Feneck  
 Jackie Fulthorpe  
 Sandra Giles  
 Peter Gough  
 Jackie Horne  
 Margaret Hardy  
 Bev Jenkins  
 Lynne Murphy  
 Marilyn Pooley  
 Paula Powell  
 Kay Purcell  
 Chris Sargeant  
 Ellen Simmons  
 Margaret Shanahan

#### **COLLECTIONS & EDUCATION**

##### **Office of Director**

*Senior Personal Secretaries*  
 Laura Harris  
 Helen Lovell  
 Alison Jones (from 2/1/01)

##### **Education & Interpretation**

*Head of Education*  
 Carolyn Heeps (from 24/7/00)  
*Assistant Director*  
 Ian Fell  
*Senior Personal Secretary*  
 Gaynor Williams

*Operations Manager*  
 Phil Gibbins (to 30/4/00)  
*Senior Education Officer*  
 Geraint Price  
*Visual Arts Education Officer*  
 Eleri W Evans  
*History Education Officer*  
 Nia Williams  
*Archaeology & History Education Officer*  
 Ken Brassil  
*Natural Sciences Education Officer*  
 Judith Scott (to 15/8/00)  
 Ciara Charnley (from 30/10/00)  
*Scan Officer*  
 Danielle Cowell  
*Exhibitions Co-ordinator*  
 Deborah Spillards  
*Events Officer*  
 Sian Edwards (from 1/4/00)  
*Project Cambrensis Officer*  
 Essex Havard  
*Branch Co-ordinator*  
 Rhian Thomas  
*Illustrator*  
 Liz Forrest  
*Technician*  
 Tom Davies  
*Loan Collection Manager*  
 Bryony Spurway  
*Storesman / Van Driver*  
 Paul Evans  
*Administrative Assistant - Exhibitions*  
 Martha da Gama Howells  
 (to 3/11/00)  
*Departmental Secretary*  
 Dave Elliott  
*Administrator - Education*  
 Esther Barnett

##### **E&I - MWL**

*Education Officer*  
 Matthew Davies  
*Assistant Events Officer*  
 Juli Paschalis  
*Education Co-ordinator*  
 Ffion Kynaston  
*Education Interpreter*  
 Betsan Evans  
*Education Assistants*  
 Sonia Jenkins  
 Jayne Murphy  
*Departmental Secretary*  
 Eleanor Jones

##### **E&I - RLM**

*Education Officer*  
 Nigel Cross  
*Education & Events Facilitator*  
 Victoria Hutchings

##### **E&I - WSM**

*Education Officer*  
 Celia Wyn Parri

##### **Library**

*Librarian*  
 John R Kenyon  
*Assistant Librarian*  
 Louise Carey

*Library Assistant*  
 Melanie Taylor  
*Library Typist*  
 Eleanor Jones

##### **Documentation**

*Head of Documentation*  
 Gayle Evans  
*Assistant Documentation Officer*  
 Sally Carter  
*CMS Assistants - Art*  
 Bryony Dawkes  
 Jennifer Thomson (from 17/7/00)  
*CMS Assistants - BioSyB*  
 David Slade (from 19/10/00)  
*CMS Assistant - Geology*  
 Graham Davies  
*CMS Assistant - MWL*  
 Lowri Roderick

##### **Conservation**

*Head of Conservation*  
 Robert E Child  
*Senior Conservator*  
 Caroline Buttler  
*Senior Conservator (Prints & Drawings)*  
 Christine Mackay  
*Conservation Officer*  
 Julian Carter  
*Conservation Mount Cutter*  
 Anette Townsend  
*Assistant Conservators*  
 Lisa Childs  
 Hugh Chilcott  
*Conservation Officer*  
 Vicky Purewal  
*Personal Secretary*  
 Lynn Weaver

##### **Buildings & Estates Management**

*Head of Buildings & EM*  
 Mark Richards (to 30/11/00)  
 Elfyn Hughes (from 5/3/01)  
*Buildings Manager*  
 Peter O'Hanlon  
*Building Services Engineer*  
 Paul Brookes  
*Technical Services Manager*  
 Ian Holden  
*Technician - Audio Visual*  
 Paul Dancey (from 1/9/00)  
*Security Co-ordinator*  
 Steve Davies  
*Energy & Cost Co-ordinator*  
 Wayne A Childs  
*Painter*  
 Michael Dean  
*Building Surveyor*  
 Richie Garland  
*Museum Technicians*  
 Colin Knapman  
 Bernard Larsen  
 Phillip Tunnicliffe  
*Maintenance Technicians*  
 Mark Westerland  
 Michael Dean  
*Departmental Secretary*  
 Pam J Hudson

##### **Information Technology**

*IT Manager*  
 Beth Lawton  
*ICT Project Manager*  
 John Williams  
*IT Trainer*  
 Chris Bowler  
*Computer Officers*  
 Gavin T Jones (Networks)  
 Jayson Tyler (Networks)  
 Prakash Dabasia (Support)  
 Emma Ashely (Support)  
*Assistant Administrative Officer*  
 Angela Jones (from 26/6/00)

##### **Glanely Gallery**

*Manager*  
 Susannah Bulpin  
*Facilitators*  
 Ciara Charnley (to 29/10/00)  
 Sally Pointer  
 Heather Jackson (from 10/2/01)

##### **Photography**

*Senior Photographer*  
 Kevin Thomas  
*Photographic Officer*  
 Jim Wild  
*Photographic Officer*  
 Tony Hadland

##### **Waterfront Project**

*Project Manager*  
 Richard E Bevins  
*Project Administrator*  
 Lisa Huish

##### **ADMINISTRATION**

*Head of Administration*  
 Tony Lloyd  
*Administrative Officer*  
 Neil Harrison  
*Assistant Administrative Officers*  
 Katie Byrne (to 31/8/00)  
 Alison Hall (to 2/2/01)  
*Typist*  
 Alison Hall (to 31/8/00)  
 Emma Kitto (from 19/3/01)

##### **Finance**

*Head of Finance & Audit*  
 Nick Srdic  
*Purchasing Officer*  
 Gordon F Anderson  
*Accounts Supervisor*  
 Ray Anthony  
*Financial Services Officer*  
 Mark W Rainey  
*Assistant Financial Services Officer*  
 Andy Hoey  
*Purchasing Assistant*  
 Linzi Tierney  
*Salaries & Wages Officer*  
 Julie Burke  
*Sales Income Officers*  
 Dawn Edmonds  
 Susan Canter (to 5/5/00)  
*Purchase Ledger Officer*  
 Jonathan W Marsh  
*Departmental Secretary*  
 Elsie Aubrey

**Personnel**

*Head of Human Resources*  
Denise Williams (to 30/4/00)  
Phil Gibbins (from 1/5/00)  
*Personnel Officer*  
Gwylan Williams  
*Grading & Remuneration Officer*  
Stephen Haynes  
*Assistant Personnel Officers*  
Cerian Goodbourn  
Elizabeth Martin  
*Personnel Assistants*  
Siân Layton  
Leanne Cowley (to 22/9/00)  
Laura Cureton (from 13/11/00)  
*Departmental Secretary*  
Elaine Roszkowska

**Planning**

*Planning Co-ordinator*  
Diane Dollery (from 1/8/99)  
Judith Scott (from 16/8/00)

**STRATEGIC COMMUNICATIONS****Office of Director**

*Senior Personal Secretary*  
Angela Jones  
**Development**  
*Development Manager*  
Richard Tynen  
*Development Officers*  
Llinos James  
Liz Emrys  
Tracy Ogden  
*European Development Officer*  
Mark Beynon (from 19/6/00)  
*Membership Assistant*  
Lyn Hudson  
*Membership Officer*  
Elaine Cabuts  
*Development Secretary*  
Claire E Davies

**Publications & Design**

*Head of Publications & Design*  
Penny Fell (to 16/3/01)  
*Acting Head of Design*  
*Graphics Officer (Publications)*  
Arwel Hughes  
*3-D Designer*  
Simon P Tozzo  
*Graphics Officer*  
Martin Rees  
*Web Officer*  
Iwan Standley  
*Acting Head of Publications*  
*Translator/Editorial Assistant*  
Elin ap Hywel  
*Assistant Translator*  
Aled Gwyn (from 27/9/00)  
*Departmental Secretary*  
Mari Gordon

**Marketing**

*Head of Marketing & Public Relations*  
Huw Thomas (to 10/11/00)  
*Acting Head of Marketing*  
Helen Jones (from 13/11/00)  
*Press Officer*

Julie Richards (from 1/12/00)  
*Promotions Officers*  
Clare Reddy  
Julie Williams  
*Marketing Assistants*  
Kathryn Jenkins  
Eirian Jones (to 7/8/00)  
*Press & Public Relations Assistant*  
Esyllt Lord  
*Assistant Officer Press & Promotions*  
Deborah Andrews (from 27/11/00)  
*Departmental Secretary*  
Margaret A Williams

**Commercial**

*Commercial Manager*  
Jo Collins  
*Administrative Assistant*  
Megan Griffiths  
*Shop Supervisor (NMG)*  
Diana Gwyndaf  
*Shop Supervisor (MWL)*  
Peter Webb  
*Shop Assistants*  
Emma Canter  
Sarah Chandler (to 29/10/00)  
Diana Davies (from 4/9/00)  
Jane Fenton  
Elizabeth George (to 30/9/00)  
Gwen Griffiths  
Marie Hipplesley  
Margaret Johanson (to 30/9/00)  
Margaret John  
Einir Lewis  
Sian Lougher (from 27/11/00)  
Zoe Rixon  
Clive Roper  
Rosina Worth

**MUSEUM OF WELSH LIFE****Office of Director**

*Senior Personal Secretary*  
Bethan Aur Lewis  
*Administrator*  
Carys Davies (to 24/10/00)  
*Departmental Secretary*  
Meinir Williams  
*Assistant Administrative Officer*  
Anwen Jones

**Department of Cultural Life**

*Curator*  
Beth Thomas  
*Assistant Curator: Traditional Music, Sports & Customs*  
Emma Lile  
*Librarian*  
Niclas Walker  
*Archivist*  
Arwyn Lloyd Hughes  
*Archival Assistant*  
Joy Bowen

*Sound Technician*  
Hywel Evans  
*Sound Archive Assistant*  
Meinwen Ruddock

**Department of Domestic & Rural Economy**

*Assistant Keeper of Domestic & Rural Economy*  
Christine Stevens  
*Assistant Curator of Domestic Life*  
Gareth Beech  
*Research Assistant (Domestic Life)*  
Mared Sutherland  
*Research Assistant (Furniture)*  
Sioned Non Williams  
*Curatorial Assistants*  
Dylan Jones  
Jonathan Wheeler  
*Conservator, Social History*  
Susan Renault  
*Assistant Conservation Officer, Social History*  
Mary Beckett (from 17/7/00)  
*Conservation Officer, Rural Life*  
Brian Davies  
*Conservation Officer / Housekeeper*  
Janet Rees  
*Textile Conservator*  
Clare Stoughton-Harris  
*Conservation Officer, Furniture*  
Michael Dos Santos (to 30/11/00)  
Emyr Davies (from 01/11/00)  
*Wheelwright/Coachbuilder*  
Eurwyn Rees  
*Assistant Keeper, Folklore*  
Robin Gwyndaf

**Department of Historic Buildings & Commerce**

*Assistant Keeper*  
Gerallt Nash  
*Research Assistant (Buildings)*  
Sioned Hughes  
*Senior Conservation Officer, Re-erected Buildings*  
Ray Smith  
*Conservation Officer/Stone Mason*  
Anthony L Griffiths  
*Stone Mason*  
Paul Sullivan  
*Bricklayer*  
Andrew Price  
*Trainee Mason*  
Gavin Beech  
*Conservation Painter*  
Clive Litchfield  
*Temporary Assistant Conservation Painter*  
David Thomas  
*Conservation Carpenter*  
Ian C Morgan  
*Metal Conservator/Fabricator*  
Anthony R Lewis  
*Labourer*  
Michael Conway  
*Temporary Labourers*  
Christopher Evans  
Mark Smith

*Architectural Draftsman*  
Ian Long (from 19/6/00)

**Estates**

*Estate Manager*  
Andrew Dixey  
*Telephonist / Receptionist*  
Linda Ladd  
*Telephonists*  
Sharon Ellis  
Gina Wilmot  
*Senior Garden Conservator*  
Deborah Jane Evans  
*Garden Conservator*  
Juliet Hodgkiss

**Exhibiting Craftsmen**

*Cooper*  
Andrew Finch  
*Weavers*  
Gareth Jenkins  
Dewi Jones  
*Saddler*  
Peter Mason  
*Miller*  
Geraint Rhys Thomas  
*Interpreter / Demonstrator*  
David Rhys Price  
*Senior Agricultural Technician*  
Keith Jones  
*Agricultural Technicians*  
Ian Smith  
Emma Edwards (from 17/7/00)  
*Gardeners*  
Martin Crabbe  
Peter Joyce  
Paul Meech  
Terence Smith  
Malcolm Thomas  
Paul Williams  
Handymen  
Dafydd Jones  
David Richards  
Patrick Taylor

**Visitor Services Management**

*Visitor Services Manager*  
John Owen Huws (to 19/3/01)  
*Deputy Visitor Services Manager*  
Glyn Williams  
*Assistant Visitor Services Manager*  
Robert Karl Davies  
*Museum Assistants / Interpreters*  
Dafydd Jones  
Phyllyp Griffiths  
Ffion Gruffudd (from 12/6/00)  
Calvin Rees  
Glan Jones  
*Museum Assistants*  
Sharon Beaumont  
Geraint Bowyer  
David Heath Davies  
Iwan Davies  
J Alun Davies  
Lisa Davies  
Hywel Davies  
Magali Davies  
William Davies  
Catrin Doyle (from 4/9/00)  
David Gareth Evans  
David Howard Evans  
J Stanley Evans  
Peredur Evans

Gwynfor Griffiths  
 Phylip Griffiths  
 Ronald Arthur Higgins  
 Rhian Hopkins (from 4/9/00)  
 Nigel Richard Hughes  
 Derrick Jenkins  
 Angela Suzanne Jones  
 Arwyn Jones  
 Carwyn Rhys Jones  
 Clodwyn Jones  
 Gerald Jones  
 Dafydd Jones  
 Endaf Jones  
 Gareth Jones  
 Gwenda Eirlys Jones  
 Hugh Glanville Jones  
 Iwan Bryn Jones (to 28/2/01)  
 Jonathon Jones  
 Brian Jones  
 Lowri Orinda Towyn Jones  
 Robert Jones  
 Sali Jones (from 4/9/00)  
 Dylan Jones Roberts  
 Alun Jones  
 William Owen Jones  
 Bryant Keddy  
 Menna Edith Langford (to 15/9/00)  
 Philip Lewis  
 Rowland Lewis  
 Stuart Lewis (to 21/2/01)  
 Colin George Mathews  
 Louise McNaughton  
 Rhian Morris  
 Colin Murphy  
 Bethan Page  
 Geraint Parfitt  
 Trefor Parry  
 Hywel Price Jones  
 Calvin Rees  
 Carla Louise Rees  
 John Eryl Roberts  
 Leighton Sault-Jones  
 Siân Ceri Shapland-Davies  
 Andrew Snell  
 William Spurrier (from 2/1/01)  
 Annette Strauch (from 4/9/00)  
 Nicola Sulivan (from 4/9/00)  
 Gareth Thomas  
 Bleddyn Williams  
 D Arthur Williams  
 Matthew Williams (2/1/01)  
*Cleaners*  
 Angela Bulman  
 Rosalind Davies  
 Margaret Dymott (from 4/9/00)  
 Patricia Edwards (from 1/2/01)  
 Josie Evans  
 Colin Goddard  
 Pamela Griffin  
 Beverley Hicks  
 Anthony Hughes  
 Susan Hughes  
 Heather M James  
 James Magee  
 Valerie Maqueline  
 Lynne Morris (from 16/10/00)  
 Linda Palmer  
 Susan Searle  
 Ann Warner  
 Christine Wood  
 Teresa Done  
 William Tucker  
 Patricia Tucker

**MUSEUM OF THE WELSH WOOLLEN INDUSTRY**

*Museum Manager*  
 Sally Moss  
*Technician*  
 Keith Rees  
*Education Officer*  
 Llinos Thomas (from 2/10/00)  
*Administrative Assistant*  
 Marlene James  
*Museum Assistant/Demonstrator*  
 Geoff Ifans  
*Technician*  
 Non Evans  
*Project Assistant*  
 Phillipa Murphy (from 26/9/00)  
*Cafe/Shop/Admissions Assistant*  
 Olga James  
*Museum Assistants*  
 Amie Gutteridge (from 10/7/00)  
 Victoria White (from 10/7/00)  
 Helen Miles (to 30/9/00)  
 Seven Brash (to 15/9/00)  
*Cleaner*  
 Claire Davies

**INDUSTRY**

*Senior Curator, Maritime & Transport Collections*  
 David Jenkins  
*Curator, Heavy Industry*  
 Robert Protheroe Jones  
*Curator, Coal*  
 Ceri Thompson  
*Curator, Modern & Contemporary Industry*  
 Richard Davies  
*Documentation Officer*  
 Carolyn Charles  
*Curatorial Assistants*  
 Mark Etheridge  
 Peter H Bennett  
*Administrative Assistant*  
 Judith Martin  
*Conservation Officers*  
 Robert Davies  
 Russell Ellis  
*Technicians*  
 Christopher Perry  
 Philip Tuck  
 Norman Williams

**WELSH SLATE MUSEUM**

*Keeper*  
 Dafydd Roberts  
*Administrative Officer*  
 Nia Hughes  
*Administrative Assistants*  
 Tina Burgess  
*Promotions Officer*  
 Julie Williams  
*Exhibitions Officer*  
 Tudur Jones  
*Collections Inventory Assistant*  
 Lucinda Willis

*Technicians*

David Davies  
 Dennis R Jones  
*Exhibiting Craftsmen /Technicians*  
 Elwyn Wilson Jones  
 Haydn Lewis  
 Dylan C Parry  
 Owen G Roberts  
*Supervising Museum Assistant*  
 Dilys Jones  
*Museum Assistants*  
 Douglas Ellis  
 Gilbert Jones  
 Maldwyn Owen Jones  
 Gareth Rolant Davies  
 Meinir Jones  
 John Williams  
*Cleaners*  
 Joan Allsup  
 Lynda Parry  
 Carol Roberts  
 Margaret Roberts  
*Catering Manager*  
 Rhian Elis (to 30/9/01)  
*Catering Assistants*  
 Mairwen Baylis  
 Margaret Morris  
 Helen Jones

**ROMAN LEGIONARY MUSEUM**

*Museum Manager*  
 Bethan Lewis  
*Curatorial Officer*  
 Julie Reynolds  
*Administrative Officer*  
 Martin Studdard  
*Education Support Officer*  
 Martin Collier (to 30/4/00)  
*Education & Events Facilitator*  
 Victoria Hutchings  
*Education Facilitator*  
 Ruth Davies  
*Museum Assistants*  
 Emlyn Jones  
 Helen Bolton  
 Mary Nichol  
 Mary Johnson (to 19/5/00)  
 Lyn Parfitt (from 15/6/00)  
*Cleaner*  
 Anne Clarke

**SEGONTIUM ROMAN MUSEUM**

*Museum Assistants*  
 Dennis Jones  
 John Parry (to 23/10/00)

**TURNER HOUSE GALLERY**

*Museum Assistants*  
 Tony Lace  
 Ron Norman  
*Cleaner*  
 Christine Bowen

**BIG PIT**

*Mine Manager*  
 Peter Walker  
*Administration Officer*  
 Vivienne Heward  
*Banksman/Repairer*  
 Gerald Long  
*Catering Assistants*  
 Sylvia Gait  
 Gillian Harris  
 Jane Hatherall  
 Rosina Long  
 Pauline Page  
 Cindy Pearce  
 Kate Powell  
 Claire Scandrett  
 Vrina Wilkinson  
*Catering Manager*  
 Diane Smith  
*Cleaners*  
 Desrie Catley  
 Angela Dash  
*Education Officer*  
 Sharon Ford  
*Electrical Engineer*  
 Graham Gatton  
*Electrician*  
 Alan Jones  
*Electrician/Guide*  
 Barrie Stevenson  
*Finance Officer*  
 Patricia Edwards  
*Fitter*  
 Kenneth Holley  
*Guides*  
 Gerald Andrews  
 Michael Curtis  
 Colin Dunn  
 Glyn Hallett  
 Michael Keenan  
 Eric Marshall  
 Terence Mason  
 Gavin Rogers  
 Charles Scandrett  
 James Tibbs  
 John Tovey  
 Kenneth Willis  
 Royston Willmott  
*Mechanical Engineer*  
 Jeffrey White  
*Mine Deputy*  
 Michael Read  
*Mining Mechanic*  
 Antony Williams  
*Relief Cleaner*  
 Joanne Dash  
*Repairers*  
 Albert Mason  
 Richard Richings  
*Retail Assistants*  
 Valerie Coles  
 Norah Evans  
 Emma Harvey  
 Anne Ide  
*Retail Manager*  
 June Timothy  
*Shaftsman*  
 Leonard Howell  
*Surface Maintenance*  
 Michael Perham  
*Winderman*  
 Colin Read



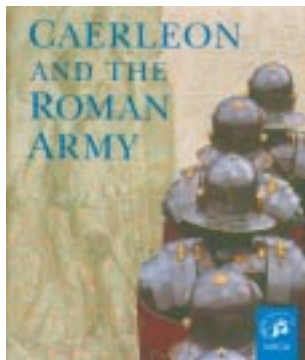
## LIST OF PUBLICATIONS

## NATIONAL MUSEUMS &amp; GALLERIES OF WALES PUBLICATIONS

AP HYWEL, E. 2000. *Y Celtaid Cythryblus*.

AP HYWEL, E., WILLIAMS, N., BRASSIL, K., BURROW, S., GWILT, A., and HILL, P. 2000. *Our Celtic Family/Ein Teulu Celtaidd Ni*. CD ROM.

SIDDLE, H.J., BROMHEAD, E.N. and BASSETT, M.G. (eds) 2000. *Landslides and Landslide Management in South Wales*. Geological Series 18.



BREWER, R. J. 2000. *Caerleon and the Roman Army*.

BREWER, R. J. 2000. *Caerllion a'r Fyddin Rufeinig*.

BURROW, S. 2001. *Cymru'r Henfyd: eich map i'r gorffennol/Ancient Wales: your route map to the past*. CD ROM.

BURROW, S., REDKNAP, M., CHAPMAN, E., LODWICK, M. and JACKSON, H. 2000. *Digging for Vikings: the 2000 season*. [<http://www.nmgw.ac.uk/archaeology/anglesey/>]

CLEAL, C.J., PARDOE, H.S. and FRASER, H.E. 2001 *Bibliography of European palaeobotany and palynology*

COWELL, D. 2000 *The flower diary project*. [http://www.scan-online.org/flower\\_diary/index.htm](http://www.scan-online.org/flower_diary/index.htm)

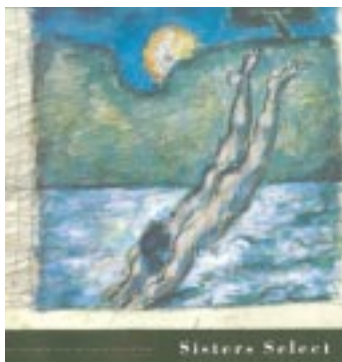
COWELL, D. 2000 *The Waterbabies project*. <http://www.scan-online.org/Waterbabies/worksheets/waterbobs.htm>

EVANS, E.W. (comp.), 2001. *Our Museum and Gallery: A family guide to the Art Galleries at the National Museum & Gallery Cardiff/Ein Hamgueddfa ac Oriel: Llawlyfr i'r teulu ar gyfer yr Orielau Celf yn yr Amgueddfa ac Oriel Genedlaethol*.

GARROD, A., ROUTH, H. (comp.) 2001 *House for the future*.

JONES, A. 2000 *Painting the Dragon*.

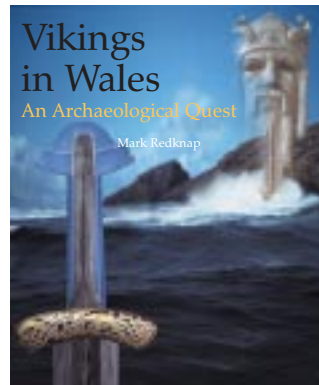
JONES, A. 2000 *Paentio'r Ddraig*.



M<sup>C</sup>INTYRE, B. 2000. *Sisters Select: works on paper from the Davies Collection*.

M<sup>C</sup>INTYRE, B. 2000. *Chwaeth y Chwiorydd: gweithiau ar bapur o Gasgliad Davies*.

OWENS, R.M., Lane, P.D., Thomas, A.T. Fortey, R.A., Siviter, D.J., Owen, A.W., Dean, W.T. and Sheldon, P.R. 2001. *Third International Conference on Trilobites and their Relatives. Post-conference Excursion Guide. South Wales and the Welsh Borderland, 7-11 April 2001*. Geological Series 18. In conjunction with The Palaeontological Association.



REDKNAP, M. 2000. *Vikings in Wales: An Archaeological Quest*.

REDKNAP, M. 2000. Y *Llychlynwyr yng Nghymru: Ymchwil Archaeolegol*.

RICH, T.C.G. and M<sup>C</sup>DONNELL, E. J. 2001. *Distribution and conservation of Hieracium cyathis, Chalice Hawkweed*.

RICH, T.C.G. 2001. *Distribution and conservation of Hieracium cillense, Craig y Cilau Hawkweed*.

RICH, T.C.G. 2001. *Distribution and conservation of Hieracium asteridiophyllum, Llangattock Hawkweed*.

WHITE, R., RICH, M.D.B., WRIGHT, Y., DAVIES, C. and RICH, T.C.G. 2001. *Merthyr Tydfil Pond Survey 1999-2000*.

STEVENS, C., SUTHERLAND, M., THOMAS, B., and WILLIAMS, N. 2000. *Hanes Merched Cymru/Welsh Women's History 1900-1918*. Picture Pack and CD.

TANGNEY, R., CLIFFE, K. and ORANGE, A. 2000. *A survey of the bryophytes of flush areas at the Llanwonno Rd and Tylorstown Tips, Rhondda Valley*. (For Hyder Consulting).

KANE, A., BAKER, E., LIVESEY, K. CAREY, J., SPEARS, R., TIPPER A.D. and RICH T.C.G. 2001. *Catalogue of the C.T. & E. Vachell herbarium, National Museums & Galleries of Wales, Cardiff*.

Various authors, 2001. *Museum of Welsh Life: Visitor Guide*. (Reprint).



**PUBLICATIONS BY NATIONAL MUSEUMS  
& GALLERIES OF WALES STAFF IN 2000-2001**

- BASSETT, M.G. (co-authored with Sutton, M.D, and Cherns, L.) 2000. The type species of *Lingulella* (Cambrian Brachiopoda). *Journal of Paleontology*, 74(3): 426-38.
- BASSETT, M.G. (co-authored with Sutton, M.D, and Cherns, L.) 2000. Lingulate brachiopods from the Lower Ordovician of the Anglo-Welsh Basin, Part 2. *Monograph of the Palaeontographical Society*, 61-114. (Publ. No.613, part of Vol. 154 for 2000).
- BASSETT, M.G. (co-authored with Holmer, L.E., and Popov, L.E.) 2000. Early Ordovician organophosphatic brachiopods with Baltoscandian affinities from the Alay Range, southern Kyrgyzstan. *GFF*, 122: 367-75.
- BASSETT, M.G. (co-authored with Holmer, L.E., Koneva, S.P., and Popov, L.E.) 2001. Cambrian – early Ordovician brachiopods from Malyi Karatau, the western Balkhash region, and Tien Shan, Central Asia. *Special Papers in Palaeontology*, 65: 1-180.
- BESLY, E. 2000. Towards a single currency. *Amgueddfa* 3: 69-71.
- BESLY, E. 2000. Short entries on coin finds. *British Numismatic Journal* 69: 238, 240.
- BESLY, E. 2001. The coins: Kwiksave and Peacocks. In Marvell, A. G. (ed.), *Investigations along Monnow Street, Monmouth*. British Archaeological Reports, British Series 320: 65.
- BESLY, E. and REDKNAP, M. 2000. Declared Treasure. *Amgueddfa* 3: 25-27.
- BEVINS, R.E. (co-authored with Aguirre, L., Robinson, D., Morata, D., Vergara, M., Fonseca, E. and Carrasco, J.) 2000. A low-grade metamorphic model for Miocene volcanic rocks in the central Andes. *New Zealand Journal of Geology and Geophysics*, 43: 83-93.
- BEVINS, R.E. (co-authored with Carney, J., Horák, J.M., Pharaoh, T.C., Gibbons, W., Wilson, D., Barclay, W.J., Cope, J.C.W. and Ford, T.D.) 2000. *Precambrian rocks of England and Wales*. Geological Conservation Review Series, 252pp.
- BEVINS, R.E. (co-authored with Rubinstein, N., and Robinson, D.) 2000. Low-grade Metamorphism in the Argentine Precordillera: a record of extension at the margin of Gondwanaland? *Actas IX Congreso Geológico Chileno*, 2: 524-27.
- BEVINS, R.E. (co-authored with Melchiorre, E., and Williams, P.A.) 2000. An oxygen isotope thermometer for cerussite: applications at the the Block 14 Mine, Broken Hill, New South Wales. *Journal and Proceedings of the Royal Society of New South Wales*, 133: 22-25.
- BREWER, R. J. 2001. Caerleon and the archaeologists: changing ideas on the Roman Fortress. *The Monmouthshire Antiquary* 17: 9-34.
- BREWER, R. J. (ed). 2000. Archaeological Notes. *Morganwg* 53: 83-97 (with contributions from Macdonald, P., Walker, E. A., Gwilt, A. and Redknap, M.)
- BURROW, S. 2000. *Gateway to Gower: an interactive guide to the archaeology collections of Swansea Museum*. Swansea Museum, Swansea. CD ROM
- BURROW, S. 2000. Unlocking archaeology: a digital access project at the National Museums & Galleries of Wales. *Museums Computer Group Newsletter*. Spring: 4-5.
- BURROW, S. (co-authored with Driver, T. and Thomas, D.) 2001. Bridging the Severn Estuary: two possible earlier Neolithic enclosures in the Vale of Glamorgan. In: Darvill, T. and Thomas, J. (eds), *Neolithic enclosures in Atlantic Northwest Europe*. Oxbow Books 91-100.
- WYSE JACKSON, P.N., BUTTLER, C.J. and KEY, M.M. 2001. *Dianulites petropolitana* Dybowski 1877 and *Diplotrypa petropolitana* Nicholson 1879 (Bryozoa): proposed conservation of the specific names. *Bulletin of Zoological Nomenclature*, 58(2): 1-5.
- CARTER, J. 2000. Hidden treasures: conservation making natural science collections accessible. *Natural Sciences Conservation Group Newsletter*. 14: 16-19.
- CARTER, J. 2000. The conservation of molluscan collections. *The Biology Curator*, 18: 17-20.
- CLEAL, C.J. and THOMAS, B.A. 2001. Tectonics, tropical forest destruction and global warming in the Late Palaeozoic. *Acta Palaeobotanica*.
- CLEAL, C.J., (co-authored with Mckerrow, W.S., Macniocail, C., Ahlberg, P.E., Clayton, G. and Eagar, R.M.C.) 2001. *The Late Palaeozoic relations between Gondwana and Laurasia, in Orogenic processes: quantification and modelling in the Variscan Belt*. Geological Society.
- DEEMING, J.C., (co-authored with MCGOWAN, A., Broderick, J., Godley, B.J., and Hancock, E.G.) 2001. Dipteran infestation of loggerhead (*Caretta caretta*) and green (*Chelonia mydas*) sea turtle nests in northern Cyprus. *Journal of Natural History*, 35: 573 - 581.
- DEEMING, J.C., and PONT, A.C. 2001. A shoot-fly *Atherigona tritici* sp. n. (Diptera: Muscidae), attacking wheat *Triticum aestivum* in Egypt. *Bulletin of Entomological Research* 91: 297-300.
- CLEAL, C.J. and EVANS, B.G. 2000. Exposures of the Westphalian Series in the upper Neath and Swansea Valleys, South Wales – a geoconservation project. *I.U.G.S Carboniferous Newsletter* 18: 23-25.
- FAIRCLOUGH, O. 2000. In the richest and most elegant manner: a suite of furniture for Clive of India. *Furniture History* 36: 102-14.
- GWILT, A. 2000. The Pottery. In: Haselgrove, C. C. and McCullagh, R., *An Iron Age coastal community in East Lothian: the excavation of two later prehistoric enclosure complexes at Fisher's Road, Port Seaton, 1994-95*. Scottish Trust for Archaeological Research Monograph 6.
- GWILT, A. (Contributor) 2000. *Understanding the British Iron Age: An agenda for action*. [<http://www.rdg.ac.uk/~lascretn/IAagenda.htm>]
- HORÁK, J.M. and GIBBONS, W., 2000. Wales, south east of the Menai Strait. In *Precambrian Rocks of England and Wales*, Carney, J.N. et al, Conservation review Series 20: 129-130. Joint Nature Conservation Committee, Peterborough.
- HORÁK, J.M. and GIBBONS, W., 2000. Anglesey and the Lleyn Peninsula. In *ibid.*: 145-48. Joint Nature Conservation Committee, Peterborough.

- HORÁK, J.M. 2000. Tyddyn Gyrfar, Maen-Gwyn Farm, Gwalchmai GCR site. In *ibid.* 20: 151-55. Joint Nature Conservation Committee, Peterborough.
- HOWE, S.R. 2000. The Gower Peninsula: where better for fieldwork? *Teaching Earth Sciences*, 25: 203-8.
- HOWLETT, P. 2000. Report on bird ringing in Wales in 1998. *Welsh Birds*, 2(5): 232-41.
- JENKINS, D. 2000. Co-editor, *Cymru a'r Môr/Maritime Wales* 21.
- JENKINS, D. 2000. Shipbuilding and shipowning in Montgomeryshire; the Evans family of Morben Isaf, Derwenlas, *Montgomeryshire Collections* 88: 63-86.
- KENYON, J. R. 1999. Recent literature relating to Wales. *Archaeology in Wales* 39: 166-70.
- KENYON, J. R. 2000. *Castle Studies: Recent Publications – 13*. Castle Studies Group.
- KENYON, J. R. (co-authored with Curnow, P. E.) 2000. 'Mortimer's Tower', in Shoesmith, R. and Johnson, A. (eds), *Ludlow Castle: its History and Buildings*, Logaston Press: 195-200.
- KENYON, J. R. 2000. Recent castle studies and Carmarthenshire, *Carmarthenshire Antiquary* 36: 47-57.
- KENYON, J. R. 2000. 'Post-medieval Britain and Ireland in periodic literature in 1999', *Post-Medieval Archaeology* 34: 392-98.
- KENYON, J. R. (co authored with Spurgeon, C. J.) 2001. *Coity Castle, Ogmere Castle, Newcastle (Bridgend)*. Cadw: Welsh Historic Monuments.
- LEVEY, B. 2001 Two new localities for *Hemicoelus nitidus* (Herbst) (Col.; Anobiidae) *Entomologist's Record*, 113: 84.
- LEVEY, B. 2001 An old record of *Melandrya barbata* (Fabr.) (Col.: Melandryidae) from North Hampshire. *Entomologist's Record*, 113: 86.
- LEVEY, B. 2001 Eridge Park, E. Sussex, a little known site for Saproxylid Coleoptera. *The Coleopterist*, 9: 19-23.
- LEVEY, B. and PAVETT, P.M. 2000 Llanover Park Saproxylid Invertebrates. CCW Contract Science Report 354. 61pp.
- LEVEY, B. and PAVETT, P.M. 2000 Dinefwr Park Saproxylid Invertebrates. CCW Contract Science Report 353. 67pp.
- LILE, E. 2000. Hanesion 'Erchyll' a 'Thragalarus': Ychwanegiad i Gasgliad Baledi Amgueddfa Werin Cymru. *Llafar Gwlad Awst*: 18-19.
- LILE, E. 2000. The 'Honest' Millers of Welsh Traditional Song. *Canu Gwerin* 23: 46-58.
- LILE, E. 2000. Professional pedestrianism in south Wales during the nineteenth century. *The Sports Historian* 20 (2): 94-105.
- MACDONALD, P. 2000. The ironwork (excluding brooches). In Barrett, J. C., Freeman, P. W. M. and Woodward, A., *Cadbury Castle, Somerset: the later prehistoric and Romano-British archaeology*. English Heritage Archaeological Report 20: 122-32.
- MACDONALD, P. 2001. The Portable Antiquities Scheme in Wales. In: *Portable Antiquities Annual Report 1999-2000*. Department for Culture, Media and Sport: 27-28.
- MACDONALD, P. and BREWER, R. J. 2000. Finding Our Past. *Amgueddfa* 3, 71-73.
- MACDONALD, P. (co-authored with McKenna, M.) 2000. The face of a possible early Welsh man and the face of a devil: two highlights of the first year of the Portable Antiquities Scheme in Wales. *The Searcher* 178: 39-40.
- MACKAY, C. (co-authored with Sarkar, A.) 2001. *Kalighat Paintings*. Joint publication of NMGW and Rolibooks, New Delhi. Reproductions NMGW.
- MACKIE, A.S.Y., (co-authored with Wilson, J.G., Rees, E.I.S., O'Connor, B.D.S., Nic Aonghusa, C. and Darbyshire, T.) 2000 The South-West Irish Sea Survey (SWISS) of seabed life: preliminary results. *Maritime Ireland/Wales INTERREG Special Report*, 13-19.
- MACKIE, A.S.Y., (co-authored with Fiege, D. and Frank) 2000 A partial review of the European Magelonidae (Annelida: Polychaeta): *Magelona mirabilis* redefined and *M. johnstoni* n. sp. Distinguished. *Journal of the Marine Biological Association of the United Kingdom*, 80: 215-34.
- MACKIE, A.S.Y., (co-authored with Wilson, J.G., O'Connor, B.D.S., Rees, E.I.S. and Darbyshire, T.) 2001 Benthic Biodiversity in the Southern Irish Sea 2: The South-West Irish Sea Survey. *Studies in Marine Biodiversity and Systematics from the National Museum of Wales. BIOMÔR Reports* 2(1): 1-143.
- MACKIE, A.S.Y., (co-authored with Rees, E.I.S., and Wilson, J.) 2000. Benthic Ecology Network for the Southern Irish Sea – BENSIS. *Maritime Ireland/Wales INTERREG Special Report*: 83-84.
- OLIVER, P.G. and ZUSCHIN, M. 2000. Additions to the bivalve fauna of the Red Sea with descriptions of new species of *Limopsidae*, *Tellimidae* and *Semelidae*. *Journal of Conchology*, 37(1): 17-37.
- OLIVER, P.G. and ZUSCHIN, M. 2001. Minute Veneridae and Kelliellidae from the Red and Arabian Seas with a redescription of *Kellia milicea* Issel, 1869 *Journal of Conchology*, 37(2): 213 - 30.
- KILLEEN, I. and OLIVER, P.G. 2000. *The Status and Distribution of the Freshwater Pearl Mussel in Cumbria*. NMGW. (For The Environment Agency).
- Insect Survey of Tylorstown Tip. For Hyder Environmental.
- Survey of Freshwater Macroinvertebrates and Aculeate Hymenoptera of Rhoose Quarry.
- Survey of Aquatic & Semiaquatic Insects of Railfreight Terminal Site. For Hyder Environmental.
- Survey of Aquatic Insects of Rhymney & Western Valley Pipeline Sites. For Hyder Environmental.
- Survey of Aquatic & Semiaquatic Insects of Cardiff Interceptor Sewer Sites. For Hyder Environmental.
- Survey of Aquatic Insects (S.E. Coastal Strategy). For Hyder Environmental.
- Survey of Aquatic Insects of Church Village Site. For Hyder Environmental.
- Survey of Aquatic & Semiaquatic Insects of Acer Peripherals Site. For Hyder Environmental.
- Aquatic Insect Survey of Wilkinson Distribution Centre, Gwent Euro Park, Magor. For Hyder Environmental.

- ORANGE, A. 2000. *Verrucaria elaeina*, a misunderstood European lichen. *Lichenologist* 32: 411-422.
- ORANGE, A. 2000. *Dermatocarpon deminuens*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Dermatocarpon intestiniforme*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Dermatocarpon leptophyllodes*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Dermatocarpon leptophyllodes*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Dermatocarpon meiophyllizum*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Dermatocarpon rivulorum*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Thelidium fontigenum*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Thelidium papulare*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Thelidium pluviium*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Verrucaria* (freshwater species). In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Verrucaria aethiobola*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Verrucaria aethiobola*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Verrucaria aquatilis*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Verrucaria elaeomelaena*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Verrucaria latebrosa*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Verrucaria margacea*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Verrucaria pachyderma*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Verrucaria praetermissa*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. 2000. *Verrucaria rheitrophila*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- ORANGE, A. and Fletcher, A. 2000. *Cladonia alpina*. In *Lichen Atlas of the British Isles* (M.R.D. Seaward, ed). British Lichen Society.
- KILLEEN, I.J. and OLIVER, P.G. 2000. A new species of *Abyssochrysos* (Gastropoda: Loxonematoidea) from the Oman margin. *Journal of Molluscan Studies*, 66(1): 95-98.
- ZHOU ZHIQIANG, SIVETER D.J. and OWENS, R.M. 2000. Devonian proetid Trilobites from Inner Mongolia, China. *Senckenbergiana lethaea*, 79(2), 459-499.
- OWENS, R.M. 2000. The Carboniferous trilobites from Ireland described by Phillips, Portlock, M'Coy and Woodward. *Irish Journal of Earth Sciences*, 18: 1-32.
- OWEN, A.W., CLARKSON, E.N.K., INGHAM, J.K. and OWENS, R.M. 2001. *Third International Conference on Trilobites and their Relatives. Pre-conference Excursion Guide. Scotland and northern England, 28 March - 2 April 2001*. The Palaeontological Association.
- PAVETT, P.M. and LEVEY, B. 2001. New and noteworthy Coleoptera from Wales. *The Coleopterist*, 9(3): 149-54.
- POPOV, L. E., NIKITIN, I. F. and COCKS, L. R. M. 2000. Late Ordovician brachiopods from the Otar member of the Chu-Ili Range, south Kazakhstan. *Palaeontology*, 43(4).
- POPOV, L. E. 2000. Late Ordovician (Ashgill) microbrachiopods from Zharyk beds, north-central Kazakhstan. *Geobios*, 33(4): 419-35.
- POPOV, L. E. 2000. Late Ordovician (Caradoc) linguliformean microbrachiopods from north-central Kazakhstan, *Alcheringa*, 24: 257-75.
- POPOV, L. E. (co-authored with Holmer, L.E., and Bassett, M.G.) 2000. Early Ordovician organophosphatic brachiopods with Baltoscandian affinities from the Alay Range, southern Kirgizia. *GFF*, 123: 367-75.
- POPOV, L. E. 2000. Relative sea-level changes in Baltoscandia in the Cambrian and early Ordovician: the predominance of tectonic factors and the absence of large scale eustatic fluctuations. *Tectonophysics*, 320: 35-407.
- POPOV, L. E. (co-authored with Holmer, L.E., and Bassett, M.G.) 2000. Early Ordovician organophosphatic brachiopods with Baltoscandian affinities from the Alay Range, southern Kirgizia. *GFF*, 122: 367-75.
- POPOV, L. E. (co-authored with Holmer, L.E., Koneva, S. P. and Bassett, M. G.) 2001. Cambrian - early Ordovician brachiopods from Malyi Karatau, the western Balkhash Region, and northern Tien Shan, Central Asia. *Special Papers in Palaeontology* 65: 1-180.
- POPOV, L.E. (co-authored with Tolmacheva T., Koren T.N., Holmer L.E., and Raevskaya, E.) 2001 The Hunneberg Stage (Ordovician) in the area east of St. Petersburg, north-western Russia. *Paläontologische Zeitschrift*, 74/4: 543-61.
- PRYCE, R.D. and HUTCHINSON, G. (eds) 2000. *BSBI Welsh Bulletin*, 67.
- PRYCE, R.D. and HUTCHINSON, G. (eds) 2000 *BSBI Welsh Bulletin*, 68.
- REDKNAP, M. 1999. Further Work at Glyn, Llanbedrgoch, Anglesey. *Archaeology in Wales* 39: 56-61.
- REDKNAP, M. 2001. Objects of copper alloy. In Marvell, A. G. (ed), *Investigations along Monnow Street, Monmouth*. British Archaeological Reports, British Series 320: 66-76.
- REDKNAP, M. and HILL, P. 2000. The medieval crucifix figure from Kemeys Inferior. *Amgueddfa* 3: 51-3.
- RICH, T.C.G. 2000. Book review: British Plant Communities, volume 5: Maritime communities and vegetation of open habitats. *British Wildlife* 11(6): 453-54.

- RICH, T.C.G. 2000. Catalogue of *Rubus* specimens at the National Museum & Gallery, Cardiff (NMW). *BSBI News* 85: 35.
- RICH, T.C.G. 2000. Wildlife Reports. Flowering Plants - England. *British Wildlife* 11(6): 442-44.
- RICH, T.C.G. 2000. Meadow Clary (*Salvia pratensis* L.) in Middlesex. *London Naturalist* 79: 49.
- RICH, T.C.G. and BROWN, N. 2000. *Suaeda vera* J. F. Gmel. (Chenopodiaceae), Shrubby Sea-blite, present in Anglesey (v.c. 52), Wales. *Watsonia* 23: 343-44.
- RICH, T.C.G. and HOUSTON, L. 2000. Conservation of Britain's biodiversity: *Hieracium taxense* (Asteraceae), Black Mountain Hawkweed. *Watsonia*, 23: 311-16
- RICH, T.C.G. and Nicholls-Vuille, F.-L. (2001). Taxonomy and distribution of European *Damasonium* (Alismataceae). *Edinburgh Journal of Botany*, 58: 45-55.
- RICH, T.C.G. 2000. A reanalysis of the Mistletoe (*Viscum album* L.; Loranthaceae) survey data from the 1970s and 1990s. *Watsonia* 23: 338-39.
- RICH, T.C.G. 2000. A comparison of four methods used to survey hedges: The Cardiff Hedgerow Survey 1998. *Journal of Environmental Management*, 60: 91-100.
- RICH, T.C.G. 2000. A comparison of the ponds in the County of Cardiff with the national statistics from the Lowlands Ponds Survey 1996. *Proceedings of Ponds Conference 1998*, 27-33. The Ponds Conservation Trust, Oxford.
- RICH, T.C.G. 2000. Conservation of Britain's biodiversity: *Hieracium cambricum* (Asteraceae), Welsh Hawkweed. *Watsonia*, 23: 305-10
- RICH, T.C.G., JONES, R.A. and JEBB, M. 2000. Three new British sites for *Carex depauperata* With. (Cyperaceae) represented in the Irish National Herbarium, Glasnevin. *Watsonia* 23: 340-41.
- RICH, T.C.G. and BIRKINSHAW, C. 2001. Conservation of Britain's biodiversity: *Carex depauperata* With. (Cyperaceae), Starved wood-sedge. *Watsonia* 23: 401-11.
- RICH, T.C.G. 2000. *Galium constrictum* probably not in Pembrokeshire. *BSBI Welsh Bulletin* 67: 10.
- RICH, T.C.G. 2000. Meadow Clary (*Salvia pratensis* L.) in Middlesex. *London Naturalist* 79: 49.
- RICH, T.C.G. 2000. On the Pembrokeshire record for *Ajuga genevensis* L. *BSBI Welsh Bulletin* 67: 10.
- RICH, T.C.G. 2000. Rigid Buckler-fern *Dryopteris submontana* rediscovered in V.c. 42 Brecon. *BSBI Welsh Bulletin* 67: 13.
- RICH, T.C.G., JONES, R. A. and LOCKTON, A. 2000. On the Anglesey records for *Asparagus prostratus* Dumort., Wild Asparagus. *BSBI Welsh Bulletin* 67: 11-12.
- RICH, T.C.G. 2000. *Asparagus prostratus*, Wild Asparagus, in West Sussex. *Sussex Botanical Recording Society Newsletter* 50: 3.
- RANDALL, R.D. and RICH, T.C.G. 2001. Conservation of Britain's biodiversity: *Rubus dasyococcus* (Rosaceae), Thick-berried Bramble. *Watsonia* 23: 437-42.
- RANDALL, R.D. and RICH, T.C.G. 2001. Conservation of Britain's biodiversity: *Rubus trelleckensis* (Rosaceae), Trelleck Bramble. *Watsonia* 23: 317-22.
- STEVENS, C. 2000. 'Packages lately come from London': English silks worn by Welsh gentry. In *Seidengewebe des 18. Jahrhunderts: die Industrien in England und in Nordeuropa/18<sup>th</sup> century silks: the industries of England and northern Europe*: 78-84. Abegg-Stiftung, Riggisberg.
- SEDDON, M. (co-authored with Tattersfield, P., Meena, C., Kayumbo, N. and Kasiwegwa, P.F.) 2000. Ecology and conservation of molluscan biodiversity in the Eastern Arc Forests. *Journal of East African Natural History Society* 87: 119-38.
- TANGNEY, R.S. (co-authored with Quandt, D., Frahm, J.P. and Frey, W.) 2000. A molecular contribution for understanding the Lemnophyllaceae (Bryopsida) based on noncoding chloroplast regions (cpDNA) and ITS2 (nrDNA) sequence data. *Journal of the Hattori Botanical Laboratory* 89: 71-92.
- THOMAS, B. 2000. Golud y Gorffennol? Cofnodi'r Tafodieithoedd. In Jenkins, G.H. and Williams, M.A. (eds) *Eu Hiaith a Gadwant?*: 405-20. University of Wales Press.
- THOMAS, B. 2000. The Riches of the Past? Recording Welsh Dialects, in Jenkins, G.H. and Williams, M.A. (eds) *Let's Do Our Best for the Ancient Tongue*: 421-38. University of Wales Press.
- TIPPER, A.D. 2000. A curator's conundrum. *The John Clare Society Newsletter* 70: 12-13
- WALKER, E.A. (ed.) 2000. Paviland Cave: the curatorial and scientific history of the museum collections. In Aldhouse-Green, S. (ed.), *Paviland Cave and the 'Red Lady': a definitive report*: 265-74. Western Academic and Specialist Press.
- WILLIAM, E. 2000. Concealed Horse Skulls: Testimony and Message in Owen, T.M. (ed), *From Corrib to Cultra. Folklife essays in honour of Alan Gailey*: 136-49. Institute of Irish Studies.
- HOWARD, F.W. and WILSON, M.R. 2001. Hemiptera: Auchenorrhyncha. *Sap-feeders on Palms in Insects on Palms*, 128-60. By F.W. Howard et al. CABI Publishing.
- WILSON, M.R. (co-authored with Kirby, P. a Stewart, A.J.A.) 2001. True bugs, leaf-and planthoppers, and their allies. In Hawksworth, D.L. (ed.) *The Changing Wildlife of Britain and Ireland*. 262-299. Taylor & Francis.

## NMGW SITES

### **National Museum & Gallery**

Cathays Park  
Cardiff  
CF10 3NP  
Tel: 029 2039 7951 Fax: 029 2037 3219

### **Museum of Welsh Life**

St Fagans  
Cardiff  
CF5 6XB  
Tel: 029 2057 3500 Fax: 029 2057 3490

### **Big Pit: National Mining Museum of Wales**

Blaenafon  
Torfaen  
NP4 9XP  
Tel: 01495 790311 Fax: 01495 792618

### **Welsh Slate Museum**

Gilfach Ddu  
Llanberis  
Gwynedd  
LL55 4TY  
Tel: 01286 870630 Fax: 01286 871906

### **Roman Legionary Museum**

High Street  
Caerleon  
Newport  
NP18 1AE  
Tel: 01633 423134 Fax: 01633 422869

### **Segontium Roman Museum**

Beddgelert Road  
Caernarfon  
Gwynedd  
LL55 2LN  
Tel: 01286 675625 Fax: 01286 678416

### **Turner House Gallery**

Plymouth Road  
Penarth  
Vale of Glamorgan  
CF64 3DM  
Tel: 029 2070 8870

### **Museum of the Welsh Woollen Industry**

Dre-fach Felindre  
Llandysul  
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SA44 5UP  
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