

# THE MANCHESTER MUSEUM

## Annual Report 1999-2000

### **Foreword by the Chairman**

In the last Annual Report of the Museum I wrote about the start of the large Capital Development Project which had been achieved after a huge amount of hard work within the Museum and, more widely, the University. This year has seen the completion of the first phase of this development, and now as I write, the demolition contractors are well into their work which is the beginning of the second (and final) phase. The changes over the past two years in the appearance of the museum, and its facilities, are remarkable, and there is more to follow.... In the meantime as Phase 2 progresses, the staff are having to cope with some of their collections being held in safe custody elsewhere, offices moved to different parts of the University, and general turbulence and upheaval. I would once again like to put on record my appreciation and thanks, and those of my colleagues on the Museum Committee, to the Director and his staff, paid and unpaid, for their great efforts in running the Museum at the same time as carrying forward this exciting Development project, and to the Vice-Chancellor, the Chairman and members of Council and to the officers of the University for their practical support and encouragement.

The Museum can be a wonderful window on the world, igniting an interest in a previously unfamiliar topic for a visitor, and helping develop an enquiring mind which will stand a person in good stead in the future: it widens horizons. It has a very real part to play in life-long learning, and to be one the most relevant and important faces for the University on to the wider world. It gives the University 'added-value' in days when competition within Higher Education is tough. But behind this external face is an uncompromising commitment to excellence: scholarship, teaching and research, and the safeguarding of the remarkable collections that we are fortunate to hold in the Museum for the benefit of the University, the city and the wider region. There is synergy here from which all partners can benefit. I commend this Report to you, recording as it does an exciting, dynamic and challenging time for the Museum

### **Introduction By the Director**

*"Please don't spoil it."* Written on a slip of paper, this simple and direct plea came from one of our visitors. It was a response to information we had been promoting about the Capital Development Project, before it started. Those words exemplify two important principles that we forget at our peril.

First, there are many people who care about The Manchester Museum and feel it to be *their* museum. They grew up with it, and want to return to it, perhaps with their children and even grandchildren. As guardians of that public trust, we must exercise our power to develop the Museum with sensitivity and consideration for the wishes of our users. And in so doing, we must

bear in mind that we have a duty of care not just to users and potential users now, but also to benefactors of the past and to future generations!

Second, there is the special sense of place and atmosphere of the Manchester Museum. This is the result of the accumulated industry and passage of countless people over a century and more. Like the patina slowly built up on a piece of furniture that has been in the family for generations, such character is fragile, rather intangible and very easy to destroy.

The opening of the first phase of our redevelopment in July 2000 has been the proof of the pudding, so to speak or at least the first part of it. No-one, so far, has accused us of spoiling the Museum, which is good news! Even better is the fact that people have come in large numbers, larger than we expected - and seem to like what they see. At busy times, and there have been many of those, with 800 to 1,000 people in on some days, there is a real buzz about the place, with people of all ages and interests enjoying themselves and often spending several hours in the galleries. They have also been giving generously to our donations box, because we have kept admission to the Museum free to *everyone* (without the benefit of special funding received by the nationally-funded museums from the Government to provide free admission to children and retired people). All this seems to add up to a resounding vote of approval from our visitors. Not that we can afford to be complacent - there is plenty still to improve even in the Phase 1 developments.

Not all the improvements brought by the capital project are easily visible to the visiting public. We have a duty to safeguard our collections, which comprise six million items, most of which are used as a resource for scientific study, and are mostly not well suited to display. The scientifically important herbarium with over a million specimens one of the largest collections of dried plants in the UK outside Kew Gardens and the Natural History Museum in London has been completely re-housed in special archive-quality Solander boxes. It contains many scientific treasures, including specimens of plants then new to science, collected by Charles Darwin in 1836 on his voyage on HMS Beagle.

David Bellamy did us proud when he opened Phase 1. There couldn't have been a more enthusiastic champion for the inspirational and educational role that a Museum like ours can play in the lives of people. I think that Thomas Huxley, the great nineteenth century evolutionary biologist, who advised Owens College on setting up the Museum in the 1860s, would have approved. He would have understood only too well the need for the Museum to adapt not just to survive, but to flourish in a rapidly evolving and competitive world. We are a public institution and the public has the right to expect the best in return for their investment. Thanks to the Heritage Lottery Fund, the Wellcome Trust, the European Regional Development Fund and the Wolfson Foundation investing in partnership with the University, we can demonstrate once more the huge benefits that The Manchester Museum brings to the life of the University, to our visitors, to the region and to the international community.

That this funding has been spent to such good effect is a tribute to the Herculean (cap H?) labours, skills and vision of an exceptional team of people. Meanwhile, despite the way in which the capital project has dominated our lives, museum staff have continued to maintain a level of activity in many other areas of work. Staff are active in research and teaching in higher education, in giving public lectures, in contributing conferences papers, teaching schools, dealing with enquiries, providing a programme of events for the public and caring for and developing the collections. The special funding that was

awarded to the Museum for making its nationally Designated collections more accessible moved into its second year. This has meant that ICT-based projects on the botany and Egyptology collections have started. The Alderley Edge Project continues to develop vigorous offspring, including an innovative education project funded by the Heritage Lottery Fund. Front-of-house staff have developed their role to be even more customer-focused, and have enabled us to open the Museum on Sundays, which has been very popular.

The national context for the Museum continues to change. In April, *Resource*, the successor body to the Museums and Galleries Commission, came into existence. This national body will operate strategically at arms-length from Government, but has a remit to foster cross-sectoral working between museums, libraries and archives in support of the Government agenda for social inclusion, economic regeneration and lifelong learning. The Arts and Humanities Research Board from which the University derives the income to meet the majority of The Manchester Museum's running costs, continued its review of funding university museums, galleries and collections through the year. The University will be invited to bid in November 2000 for funds to continue this support for the next five years. This review has inevitably resulted in a degree of uncertainty in the process of developing the Museum's forward plan. We should know where we stand by the spring of 2001. As we move into the second year of the new millennium, sustained core funding for cultural institutions like The Manchester Museum will become an increasingly sensitive issue. One of the National Lottery-distributing bodies has recognised this issue: the Arts Council for England has provided stabilization grants to ensure the long-term viability of a number of major public cultural bodies. It will be interesting to see how soon the Heritage Lottery Fund will begin to address this matter strategically in a more positive way.

Finally, I would like to thank the Chairman and members of the Manchester Museum Committee for their support and guidance over the year.

Tristram Besterman,  
Director

### **The Capital Development Project**

The first phase of the Museum's £19.6 million refurbishment was opened in great style by Dr David Bellamy on 29 June. 700 people attended the event, and the public have been pouring in ever since. The Museum thrives on animation and activity, and seeing the newly displayed galleries full of people of all ages enjoying and learning from the exhibits and new facilities in the best possible dividend from the investment of public funds.

The capital project continues to take up a large part of the time of most staff, who have also been planning the second phase, that opens in June 2002. The new displays could not have been achieved without the support and expertise provided by academic colleagues in the University.

These include specialists in the School of Biological Sciences, the Department of Earth Sciences, the School of Medicine, Dentistry, Nursing and Pharmacy and the Centre for the

History of Science, Technology and Medicine, as well as more general support from the Registrar and Secretary's Department.

The scope of improvement achieved in Phase 1 has been restricted to the natural history galleries in the Alfred Waterhouse building of 1885 and part of the 1912 building housing archaeological and Egyptological exhibits and new learning facilities. New stairwells, a new lift and new bridge provide better access and orientation for all our visitors.

The new Fossils Gallery harmonises the old and the new: over 1,000 fossils specimens are interpreted using especially commissioned graphics and models in the restored ambience of Waterhouse's Victorian gallery. The displays feature new specimens purchased for the gallery, including a complete herbivorous dinosaur from the USA, *Tenontosaurus*. A glittering array of new mineral specimens grace the cabinets in the new Rocks and Minerals Gallery. *Science for Life*, the Wellcome Trust funded exhibition about the human body and medical research now installed on the top floor of the Museum, also features current and historical medical activities in Manchester.

The diversity and splendour of the Museum's invertebrate collections are revealed in twenty-seven newly displayed cases around the atrium well of the Bird Gallery. These contain several hundred specimens including butterflies, beetles, shells, scorpions and crabs. The Museum's Vivarium and Aquarium, now relocated to the second floor of the Museum, has been completely rebuilt to provide spectacular, reconstructed natural environments for the Museum's live reptiles, amphibians and fish.

In the ancient Egypt Funerary Gallery an entirely new section describes the most recent research of the Manchester Mummy Project. In particular, it focuses on the mummy of Asru, a Chantress of Amun in the Temple of Karnak, whose mummy and coffins are displayed here.

The Discovery Centre provides teaching rooms for the Museum Education Department and has been located on the ground floor of the Museum, emphasizing the Department's increasingly important role in widening access to the Museum's collections. All Museum Keepers have been involved in the selection of material for these areas. Two areas, to be used for pre-booked groups, were completed in June. These are the archaeology and Egyptology room and the ethnology areas entitled *Peoples of the World*. When the second phase of the refurbishment is completed, a third Natural History will be completed and the Discovery Centre will open to the public when not in use by pre-booked groups. (Photographs of the new Fossils Gallery and Science for Life)

## **Research**

In spite of the increased workloads generated by the capital development project, museum staff have continued to maintain a level of activity in research. In the Egyptology Department, Dr Rosalie David, Keeper of Egyptology, has continued to lead this project on the epidemiology of schistosomiasis in ancient and modern Egypt, in association with the Egyptian Ministry of Health. A particularly interesting discovery has been the apparent survival of antibodies against this disease, found in tissue taken from one of the Manchester mummies. Further tests are being carried out to confirm

these findings; if they support the result of the initial test, then it will prove for the first time that antibodies can survive for thousands of years. Dr Patricia Lambert-Zazulak, Kay Hinckley Research Associate, has continued her work on the International Egyptian Mummy Tissue Bank, and mummy tissue donations have been received from institutions in Britain, USA, Canada, Australia, Chile, Germany and Greece. Mrs Patricia Rutherford, Kay Hinckley Research Associate in Immunology, visited Egypt in October 1999, for discussions with the VACSERA laboratory, Manchester Museum's partner laboratory at the Egyptian Ministry of Health for the Schistosomiasis Research Project. The Leverhulme Trust funded the visit. In addition to the studies on disease in mummies, there is a major programme to identify and study the use of narcotic substances in ancient Egypt. This is being carried out in conjunction with Hall Analytical Laboratories and Micromass.

Led by Dr John Prag, work on the joint Museum-National Trust Alderley Edge Landscape Project has continued, concentrating on the ordering and expansion of the archive and on preparing the results for publication. Carolanne King won a Millennium Award for six-week secondment to the Regional Research Laboratory in the School of Geography to develop her skills with Geographical Information Systems (GIS), important for further work on the project. Probably the most important event in the story of the Alderley Edge Project was the announcement in June of a grant of £90,000 from the Heritage Lottery Fund for the Alderley Edge Landscape Project Heritage and Education Resources scheme (*AELPHER 2000*).

The Museum's collaboration with the Unit of Art in Medicine on facial reconstruction continues. The joint project with the Department of Biomolecular Sciences at UMIST to detect DNA in human remains from early Greece has won further funding from the Institute of Aegean Prehistory in New York, and will now move into the next stage, that of seeking to detect familial relations in the Bronze Age populations at Mycenae and other sites in the Argolid Co-ordinated by Dr John Prag, collaborative work continues with the Central Laboratory for the Research Councils at Daresbury to investigate ways of using synchrotron radiation to study the manufacture and composition of ancient pottery.

Work by Dr Kay Prag on the Jerusalem ceramics and the next volume of final reports for the Ancient Jerusalem Project made good progress during the year.

Dr John Nudds, the Keeper of Geology has been occupied this year with a major bibliographic paper on the fossil record of cnidarians (a group of marine invertebrates that includes jellyfish, sea anemones and corals). This paper, which cites the first and last occurrence of every known fossil cnidarian family, was presented at the Eighth International Symposium on Fossil Cnidaria in Sendai, Japan in September 1999. In July 2000 Dr Nudds obtained a permit to visit the Burgess Shale World Heritage Site in British Columbia as part of his joint research with Dr Paul Selden (Dept of Earth Sciences) into fossil lagerstätten. (Photo in Burgess Shale Quarry - David Green to scan)

Colin Johnson, Keeper of Entomology and Michael Taylor of Chios, carried out

fieldwork on Chios Island, Greece (1999) with a view to compiling a list of the beetles of the island, which lies close to the Turkish coast. All parts of the island were visited and samples of beetles from diverse habitats were collected. Curating and researching the many thousand specimens collected will take several years.

In the Department of Mineralogy, a research project to analyse the mechanism of formation of sulphide whiskers on certain mineral specimens while they are in museum storage was begun in September in collaboration with MSc student Michaela Farrow and Dr Richard Patrick in the Department of Earth Sciences. Dr David Green, the Keeper of Mineralogy also began a study of mineralisation in the Shap Granite in collaboration with Dr Max Wirth of Bowness. This has already revealed a far more complex mineral assemblage than hitherto suspected. A project to collate information on the low temperature lead-zinc-copper mineralisation at Coldstones Quarry was begun in conjunction with the Russell Society (NW branch). Analytical work as part of a long-term project to characterise the supergene mineralisation at Tynagh Mine in Co. Galway continued and there is now no doubt that this locality is one of the most complex and diverse in Europe. Sadly, relatively little specimen material was preserved while the mine was open. Raspite and parasymplectite were discovered on specimens submitted for analysis from abandoned mines in Cumbria. Both of these are first British occurrences. The rare barium copper vanadate mineral vesignieite was discovered on a specimen submitted for analysis from Castletown mine, Lochgilphead, Scotland. All of these, and also milarite from the Shap Granite, Cumbria, and ramsbeckite and schulenbergitte from Cumbria and Cornwall are the subject of papers to be published in the Journal of the Russell Society. Analysis of an unusual specimen from Tynebottom Mine, Cumbria purchased in 1998 showed it to be an as yet unknown copper calcium rare-earth sulphate. Work towards characterising this as a new mineral species will continue if more material can be found.

Dr George Banks, the Keeper of Ethnology undertook research for two papers: *Exploring Africa in Manchester* and *Modern Potters using prehispanic technology in north Peru and southern Ecuador*. Also archival and bibliographic research was undertaken on the Museum's prehispanic textiles from Peru in preparation for a presentation to the South American Archaeology Seminar to be held in London in December 2000.

Other projects include research on historical changes in Scottish wildlife as evidenced by archival material, biometrics of Natterer's Bat, Barn Owl ecology and diet, and Rook ecology by Henry McGhie, the Curator of Zoology and a research project into the Roman provincial coinage of Minoa, a town on the Cycladic island of Amorgos by Keith Sugden, the Keeper of Numismatics.

### **Acquisitions and disposals**

As in previous years, the Museum's collections continue to expand through donations and purchases, that have been made primarily for the new displays that opened in July

2000.

The Geology and Mineralogy Departments in particular have acquired some exciting new specimens. The Keepers of Geology and Mineralogy visited the Tucson Gem and Mineral Show in February 2000 to purchase further specimens for the new gallery displays, including a dragonfly and a floating crinoid from the Jurassic Solnhofen Limestone, banded ironstone from Australia, a 2.5 billion-year-old stromatolite from Morocco and a fine, iridescent ammonite from Alberta, Canada. Examples of the rare minerals pottsite and chetlemanskiite, which were donated by dealers. The visit was sponsored by the Tucson Show organisers.

The Keeper of Geology also collected Carboniferous corals and stromatolites during a research field trip to the Akiyoshi Terrace of Yamaguchi Prefecture, Japan. Rare dinosaur eggshell was also collected during a field trip to Nanxiong, China, as part of his visit to Guilin Institute of Geology to discuss joint research projects and possible student exchange. In November Dr Nudds organized a joint expedition with Maastricht Museum to the underground caves of Guelhemmerberg near Maastricht in the Netherlands, to collect a sample of the "K/T" boundary. This rock sample, now on display in the gallery, records the exact point in time of the end-Cretaceous extinction, 65 million years ago, the time at which many animals, including the dinosaurs became extinct. The expedition was sponsored by KLM excel.

Important specimens acquired for the mineral collections include a large pseudomorph of barite after barytocalcite from Wellhope Shaft in Northumberland. This specimen was collected from a cavity discovered by the famous mineralogist Sir Arthur Russell in the 1930's (when the Wellhope Shaft was still working). A team of three, including the Keeper of Mineralogy took two days to carry it half a mile underground, negotiating 9 deep shafts in the floor. It was then winched it 420 feet to safety at the shaft collar, by members of the Wirksworth Mines Research Group. The Irish collections held by the museum continue to be boosted by donations from Dr Stephen Moreton, which this year include a suite of rare secondary minerals from Tynagh Mine in County Galway. The collection of Irish minerals has been into one of the most important held by any museum.

In the Numismatics Department The most interesting and useful acquisitions during the year were: a final parcel of material for our archive of E. Carter Preston's medallic work, including specimens of most of the artist's finished medals and medallions: a selection of 66 Scottish communion tokens (the collection previously contained only 2 examples), donated in memory of Mrs C. Linsley and two very rare early sets of Maundy coins and one particularly elusive individual piece, making our collection almost complete up to the reign of the present Queen. The first two were donated to the Museum.

The Alderley Edge Project continues to yield important and interesting objects. These include a Bronze Age palstave found in July 1991 which was presented to the Museum by its finder, John Laverack, in February 2000, and a 19th-century AD mining hammer found in Waterfall Wood, Alderley Edge, was given to the Museum in accordance with the agreement with the National Trust, the site's owners. The palstave, whose significance was already known to the Museum, was one of the pieces of evidence that

inspired the Alderley Edge Landscape Project.

Other acquisitions include a wooden mask with a fibre fringe from Borneo given by Jason M. Rothwell, a mate and bombilla from Argentina given Lorenzo Cañas Bottos and a metal pendant, probably from the Indian subcontinent, given by Philip A. Sykas to the Ethnology collections and the Simon Archery collection acquired a scrap book for the 'Severn Valley Yeoman Foresters History' (78) archery club and ten Easton Aluminium arrows made the year that they were first marketed (1984).

## **EDUCATION**

### **Teaching in Higher Education**

The Manchester Museum continued to provide resources, use of galleries, collections and staff expertise to both this and other universities. Museum academic staff regularly teach at undergraduate and postgraduate level in partnership with this University's academic departments, supervise dissertations and act as examiners. Day schools and special lectures are provided for the public under the auspices of both the Museum itself and the Department of Continuing Education.

### **Undergraduate Courses**

Department of Civil Engineering

*First year geotechnics*

Department of Earth Sciences

*Second year palaeontology*

Department of Religion and Theology

*Third year Egyptology*

Department of Art History & Archaeology

First year Ancient History and Archaeology

*Third year archaeology*

### **Postgraduate Courses**

Department of Art History and Archaeology

MA in archaeology

MA in art gallery and museum studies

MA in ancient world studies

School of Biological Sciences

MSc in biomedical and forensic studies

(for which the Keeper of Egyptology is course director)

Department of Earth Sciences



MSc in resources and hazards

### **Adult Education**

Centre for Continuing Education.

Certificate in Egyptology (for which the Keeper of Egyptology is course director).

Taught and distance learning versions.

### **Supervision of M.Phil and PhD students.**

Department of Religions and Theology

3 students

Ph.D.

Department of Religions and Theology

2 students

School of Biological Sciences

4 students

School of Medicine and Dentistry

1 student

### **Teaching Children**

In spite of the disruption caused by the Capital Development project it was business as usual for the Education Department in their temporary accommodation in the Museum's former workshop. With reduced facilities the classes in Greeks, Romans, ethnology, ancient Egypt and natural sciences continued and the number of school children visiting for formal sessions exceeded 16,000.

Demetria, a 2000 year old mummy on display in the Ancient Egypt galleries, was the focus to mark the new Millennium Worksheets and guides were produced. The Department was delighted when sponsorship from Brooke Bond was secured and for the first time the Museum *Education Newsletter* could be produced in full colour.

In June the Museum was awarded a grant of £90,000 from the Heritage Lottery Fund, with partnership funding of £4,000 from Macclesfield Borough Council and £1,000 from the Duchy of Lancaster, for the Alderley Edge Landscape Project Heritage and Education Resources scheme (*AELPHER 2000*), a three-year scheme intended to provide a multi-media web-based vehicle for both young people and adults to gain additional insight and appreciation of archaeology, environment, literature and local history through the story of Alderley Edge, drawing in particular on the works of Alan Garner and on the archive of research and family papers, pictures and tape-recorded interviews built up by the Project since 1996.

The completion of Phase One of the capital project brought with it many exciting changes for the Education Department at the Museum. The *Discovery Centre* opened to schools, with new, themed study rooms containing displays relating on Egyptology, archaeology and '*Peoples of the World*'. Hands-on sessions are now held in these rooms using our extensive handling collections and supported by superb additional displays. Towards the end of the year, the Museum appointed Bernadette Lynch to the new post

of Education Manager. Bernadette brings a wealth of experience in community-orientated education gained in Canada. Her job in Manchester is to establish public programmes throughout the year for all sectors of the community and work on specially designed collaborative projects to address lifelong learning initiatives.

### **Curatorial and outreach services.**

Museum staff continue to provide information for researchers, to give lectures to organisations and loans to other museums both in Britain and overseas. In the Department of Zoology alone, requests for information were received from over 200 institutions, including many universities and museums, and from several hundred members of the public both for information and identifications. In Mineralogy, some 30 analyses of minerals by X-ray diffraction and numerous elemental analyses using a Scanning Electron Microscope were made of samples submitted to the department, largely by amateur collectors

As a consequence of the Treasure Act (1996) the Department of Culture, Media and Sport established six Finds Liaison Officers as part of a pilot scheme to enhance knowledge of history and archaeology through the recording of archaeological finds made by members of the public, mostly metal detector enthusiasts. The scheme has proved a great success, with over 1500 finds recorded in the North-west over the last three years: Nick Herepath, the officer for the region, has been based at Liverpool Museum, but the interest in treasure and portable antiquities and the demand for his services and advice in the Manchester/Cheshire area have been such that he now works from the Manchester Museum on Fridays. He also gives welcome assistance in the identification of artifacts brought to the Museum.

Curatorial work was carried out on the internationally important collection of type molluscs and on the papers of Henry Dresser, a prominent ornithologist. Catalogues of these are in preparation.

Significant loans were organised to travel to the following venues: The Metropolitan Museum, New York, for the exhibition *Ancient Faces: mummy portraits from ancient Egypt* (February 14 - May 7, 2000); the Museum of Fine Arts, Boston, for the exhibition *Pharaohs of the Sun: Akhenaten, Nefertiti, Tutankhamen* (November 14, 1999 - February 6, 2000), which was subsequently displayed at the Los Angeles County Museum of Art, California (March 15 - July 10, 2000), and the Art Institute of Chicago (July 17 - September 24, 2000). Four items, one North American Indian headdress, one Naga hat and two East African headdresses, have been lent for five years to *Hatworks* gallery at Stockport Museum. Two Plains Indian beaded charms lent to Whitworth Art Gallery for their *Rites of Passage* exhibition. Loan of large Burmese Buddha from the Museum's temporarily closed *Explorers and Encounters* gallery is on loan to Salford Museum and Art Gallery at Peel Park until January 2002. Reconstructed heads and associated material was loaned to the Royal Institution in London, and research collections of pottery and stone to Daresbury Laboratory.

Dr Green, Keeper of Mineralogy, took thirty minerals that were to be part of the museum's new British Isles collection to an exhibition at Haywards Heath in Sussex in

November. This exposed the collection to a large and interested audience from the southeast that would otherwise not have seen them. In February, the Geology Keepers took an exhibition of fluorite from the north of England to the Tucson Gem and Mineral Show in the USA. It was seen by many thousands who attended the show.

The Museum has welcomed many distinguished visitors this year including Dr Irina Bakanova (Pushkin Museum, Moscow), Dr Margaret O'Hea (University of Adelaide, Australia), Dr Leonhard Sassmanshausen (University of Tübingen), Dr Elena Savostina (Museum of Russia Abroad, Moscow) and Ms Pita Tsakona (Benaki Museum, Athens).

Numerous lectures have been delivered to groups and societies both locally and nationally, these have included *The History of Coins* to several different groups in the North West and *A Numismatic Ramble through Tourist Turkey* to the Lancashire and Cheshire Numismatic Society in November 1999 and to the Chester and District Numismatic Society. Mrs Clare Pye, archivist on the *Alderley Edge Landscape Project* gave lectures on the Project to MA students at Chester College, at Alderley Edge, and to the Oxford University Archaeological Society. A WEA Day School at Dunham Massey and a course of lectures to the Wilmslow Guild also featured the *Alderley Edge Landscape Project*.

## **Marketing**

The Manchester Museums and Galleries Project, a partnership between Manchester Museum, the Museum of Science and Industry in Manchester and Manchester City Art Galleries delivered several successful joint projects over the year. A major launch of all three capital development projects took place at Manchester Town Hall and was attended by over 250 people. Branded postcards, media packs, and stationery were produced to support this. In February marketing and education staff from The Manchester Museum and the Museum of Science and Industry attended North West Tourist Board's *Great Days Out Fair* in Bolton and in March the *Education Show* in Birmingham. Print highlighting the benefits of all three projects was distributed via the North West Tourist Board and Arts About Manchester to hotels, tourist information centres, libraries and other attractions in Greater Manchester, West Yorkshire and Liverpool. Alongside this campaign the Manchester Museum used print to retain its visitor profile throughout the Phase one partial closure. The marketing officer also worked with personnel from the marketing departments of other Wellcome funded science centres on joint marketing initiatives.

Market research continues to be an important activity and in October the Museum commissioned a number of focus groups to evaluate designs for the new fossils gallery. The findings resulted in a substantial re-design of the displays.

In June 2000, The Manchester Museum embarked on a major advertising campaign to launch the new galleries at the beginning of July. The campaign comprised a combination of press, radio and outdoor advertising. Unit Communications in Manchester were engaged for the media buying and Tucker Clarke Williams Creative produced the visuals and artwork. The campaign was a great success and in the first month of opening the Museum received over four thousand visitors per week in the first

weeks of opening.

The Phase 1 galleries, largely on natural history, were opened by Dr David Bellamy, on the 29 June. This event was attended by over 700 people and was covered by BBC Television and Granada Television, BBC Radio and the local press.

### **Access**

For eleven months of the period under review, approximately two thirds of the Museum remained closed for refurbishment. However, in spite of this, the Museum was able to attract some 84,522 visitors over this time. The number of virtual visitors to the Museum's website has grown from 140,428 to 158,386. During the year, the Museum has significantly improved the quality of access to its collections. The new galleries which opened in July provide far better physical access to the galleries whilst understanding and enjoyment are better served by new interpretative techniques. This work will continue as Phase 2 is completed in June 2002. The Museum has introduced Sunday opening and is now open seven days a week, 360 days a year.

As a result of three year project-funding from the Designation Challenge Fund the Museum joined forces with the Whitworth Art Gallery, the National Museum of Labour History, Manchester City Art Gallery and the Museum of Science and Industry in Manchester to acquire a new Collections Management System. In April the contract for this was awarded to KE Software of Australia to supply their KE EMu software for this purpose. The system will be going 'live' for parts of Egyptology and Botany collections. In Egyptology, Project Assistants are using KE EMu to produce a database of all objects in the Manchester Museum from Petrie's excavations at Kahun. Using multimedia applications the Museum will link to similar work at the Petrie Museum, University College London, to provide a joint public interface for material in the two collections. The Botany project will create a catalogue of all the species of the British Flowering Plants. This will provide the basis for a CD-ROM of specimen classification with a searchable database of all British flowering species represented within the Victorian collections, together with selected images of herbarium sheets and images of living plants in flower.

The Museum's Access Working Group has met twice during the year under review. The main topics for discussion were the signage for Phase 1 of the Museum refurbishment, a funding bid to the HLF Museums and Galleries Access Fund for the post of an outreach officer to work with Manchester's Asian community and the development of the Museum's new logo.

### **Special Events**

In December 1999 the University was host to the 43rd Annual Research Meeting of the Palaeontological Association, organised jointly by Dr Nudds and Dr Paul Selden of the Earth Sciences Department. Over 200 international delegates were treated to more than 50 talks and post-conference field trips. A reception was held in the Museum

The Education Department held a wide range of public events during the year. Throughout the summer, art workshops were run by Museum stewards and this was followed by a mask-making workshop attended during October half-term. The February half-term Chinese workshops run by the Chinese Craft Centre included Chinese writing techniques, origami and crafts. During Easter, our young visitors were invited to decorate an Easter egg and complete a quiz around the Museum.

The annual Delta Travel day-school in the autumn of 1999 was on *Chios and Samos - two Greek islands*. It was the twenty-fifth such event, and the fourteenth to have been supported by Delta Travel. It was once again well attended by participants from all over the country. The study-tour, which followed in April 2000, was marked out by problems ranging from stormy weather to the Greek election but emerged triumphant, to the delight of all those who took part.

### **The Museum Shop**

Slow trading in the early part of the year caused by gallery closures, resulted in a review and rationalisation of the shop's stock lines. The late spring was then spent sourcing new stock ready for the grand opening in July. This coincided with a shop move to the new temporary premises by the new entrance in what will ultimately be the new Minerals gallery. The shop was fully stocked for the opening and in the first month trading was the busiest it has been since the Museum took over the management of the shop four years ago.

### Appendix 1

#### **The Manchester Museum Committee 1999-2000**

Ex Officio members

The Vice Chancellor  
The Chairman of Council  
The Treasurer  
The Director of the Museum

Appointed by University Council

Admiral Sir John Kerr (in the Chair)  
Professor R J Balment (nominated by Senate)  
Mr B J Kemp (nominated by the British Academy)  
Professor J V Pickstone (nominated by Senate)  
Mrs S Good (Primary school teacher)  
Councillor Mrs Joyce Keller nominated by Manchester City Council  
Dr Penelope Harvey  
Mr J Blundell  
Mrs Barbara Harris  
Mr P I Mayne  
Dr David Watkin

Mr John Adams

## Appendix 2

### Staff list

#### **Directorate and administration**

Director  
PA to Director  
Services Manager  
Marketing and Development Officer  
Registrar  
Finance Officer  
Clerical Assistant

Tristram Besterman, MA, FMA, FGS  
Carole Higginbottom  
Brian Davies, BA  
Dorothy Fenton, BA, DipM  
Robert Morris, BA, MsocSci  
Ian Grandidge  
Serena Ronan

#### **Collections – Humanities**

##### **Archaeology**

Keeper  
Hon. Res. Assoc.  
Ancient Jerusalem Project Research Affiliate  
Alderley Edge Landscape Project Surveyor  
Alderley Edge Landscape Temporary Archivist  
Assistant Surveyor

A. John N.W. Prag, DipClassArch, MA, DPhil, FSA  
Martin Petch, BA  
Kay Prag, DipPalArch, BA, DPhil, FSA  
Carolanne King, BEd, MA  
Clare Pye, MA  
Tom Burke, BA

##### **Egyptology**

Keeper with status of Reader  
Kay Hinckley Research Assoc. (Tissue Bank)  
Kay Hinckley Research Assoc. (Immunology)  
Hon. Res. Assoc.

A. Rosalie David, BA, PhD, FRSA  
Patricia Lambert-Zazulak, BA, PhD  
Patricia Rutherford, MSc  
George Fildes, MB, ChB  
Desmond Norton, MBBS, MRGCP, MPhil  
Sheila Wolfenden

##### **Ethnology**

Keeper

George Bankes, BA, PhD, AMA

##### **Simon Archery**

Hon. Keeper  
Hon. Cur. Assoc.

A. Wendy Hodkinson  
Frank Lockwood, BSc(Tech)  
Duncan Massey, BA

##### **Numismatics**

Keeper (p/t)  
Hon. Cur. Assoc.

Keith Sugden, BA, MPhil, FCA, FSA  
Phyllis Stoddart, BA

#### **Collections – Natural Science**

##### **Botany**

Keeper  
Curatorial Assistant

Sean Edwards, BSc, PhD  
Lindsey Stables, BSc  
Tony Hill  
Sue Outerside, BSc  
Win Collingbourne, BSc  
Jack Smith, MA, FLS  
Prof. Brian Fox, MSc, PhD, FLS  
John Lowell, DPhil

Hon. Res. Assoc.

##### **Entomology**

Keeper  
Tech. Asst.

Colin Johnson  
Philip Rispin

Hon. Res. Assoc.

Roger Dennis, BA, PhD, FRES, FLS  
Stan Bowstead, ATD, FRES

## **Geology**

Keeper  
Keeper of Mineralogy  
Cataloguer  
Hon. Cur. Assoc.

John Nudds, BSc, PhD, FGS, CGeol  
David Green, BSc, PhD  
Simon Riley, MSc  
Ralph Brownell  
Alan Burgess  
H. Tony Brown, BA  
Harry Holliday  
Norma Rothwell, BSc  
Arthur Ball  
D. Wilde, BSc  
Joyce Little  
Mary Howie, BA  
R. Michael Eagar, DSc, PhD, FGS

Hon. Res. Assoc.

## **Zoology**

Keeper  
Assistant Keeper (Invetebrates)  
Curator, Cannon Aquarium  
And Vivarium  
Hon. Res. Assoc.

Michael Hounsome, BSc, PhD  
David Penney, BSc, PhD

Andrew Gray  
J. Gordon Blower, MSc  
Laurence Cook, PhD  
Stan Dobson, CENT, MIEE, BScTech, MSc

## **Conservation**

Keeper  
Conservators

C. Velson Horie, BSc, FIIC, FMA  
Roy Garner  
Christine Murray, BA, DipCons  
Michaela Augustine-Jeutter

## **Display and Design**

Keeper  
Asst. Designer (Graphics)

Andrew G. Millward, FMA  
Jane Sherry, BA

## **Humanities**

Technical Asst.

Susan Martin, BSc., MA. Pg of Dip

## **Education Service**

Teacher/Coordinator  
Teacher/Development  
Secretary  
Contract Teachers

Tom Goss, BA  
Lynette Millward, Med, DME, Dip.Ed  
Lynne Andrew  
Susan Bulleid, BSc, PhD  
Matthew Hyde, BSc, MA  
Adèle Finley

Saturday Club

Siobhan Stevenson, BA

## **Museum Shop**

Manager  
Assistants

Michael Whitworth, BA  
Julie Patten, BA  
Sorrell Mayisi  
Craig Bradley

## **Technical Services**

Chief Technician  
Photographer  
Workshop Technician  
Information Technology Asst.

Gordon Clewarth  
Geoff Thomson  
Robert O'Connor  
James Loftus

## **Front of House Services**

Museum Receptionists (p/t)

Deirdre Schofield  
Phyllis Stoddart, BA

Head Museum Steward  
Deputy Head Steward  
Stewards

Alan Kelly  
Mick Rooney  
Robert Kelly  
Karen Prescott  
Vincent O'Neil  
Philip Marley  
Daniel Howard  
Joseph Patton  
Tariq Nasir

Cleaning Supervisor  
Cleaners (p/t)

Jean Headlam  
Lil Nembhard  
John Moores  
Andrew Cataham

## **Capital Development Project**

Fundraising and overall  
Accountability for the Project  
Museum co-ordination/information  
Chairman, Project Management Team (Phase 1)  
Chairman, Project Management Team (Phase 2)  
Financial accounts  
Marketing and PR  
Project co-ordinator  
Project conservator  
Project documentation asst.

Tristram Besterman, Director

Velson Horie, Keeper of Conservation  
John Nudds, Keeper of Geology  
George Bankes, Keeper of Ethnology  
Ian Grandidge, Finance Officer  
Dorothy Fenton, Marketing and Development Officer  
David Bentley  
Hilary Shorthouse  
Peter Ogilvy

Project assistants

Ralph Bankes  
Michaela Farrow  
Louise Hargreaves  
Stephen Jenkins  
Federica Menon

Project craftsperson/packer  
Consultant Project manager  
Lead design consultant  
Consultant quantity surveyor  
Consultant services engineer  
Consultant structural engineer  
Consultant health and safety adviser  
Access consultant  
Display designers

John Miller  
Peter Twist, Appleyard and Trew  
Charlie MacKeith, Ian Simpson, Architects  
Rex Proctor Partners  
Ibsec Ltd  
Oscar Faber, Ltd  
NJSR (Planning supervisor)  
Full Circle Arts  
Ivor Heal Design  
MET Studio Design Ltd  
Rosie Tiffany

## **University Support**

Registrar and Secretary's Department.  
Finance and accounts  
Personnel  
Estates Office  
Manchester Museum Committee

Adrian Jarvis  
Ian Cameron  
David Smith

Staff changes during the year

Mr Andrew Millward, Keeper of Display, retired in July 1999 after 24 year's service.

Mrs Carole Higginbottom retired in June 1999 after 34 year's service



Mrs Lynette Millward, Education Development Officer, retired in July after 24 year's year's service

It is with deep regret that we report the deaths of

HRA Prof. Brian Fox, in April 1999, who had just completed the revision of the herbarium's lichen collections, and who also bequeathed his own valuable collection to the Herbarium.

and

Mrs Siobhan Stevenson, BA in December 98, who led the Museum's Saturday Club for children and is sadly missed .

## **Appendix 3**

### **Publications**

#### **1. Authored Books.**

David, A.R. (2000), *The Experience of Ancient Egypt*. Routledge, London.

#### **2. Edited Books and Other Works.**

Bankes, George (2000). Ceramic Arts of Peru and Ecuador: Echoes of the Prehispanic Past and Influences of the Tourist Present. Pp. 209 - 222. In Hitchcock, M. and Teague, K. (eds.) *Souvenirs: The Material Culture of Tourism*. Ashgate, Aldershot, Hants, U.K.

Bowstead, S. (1999). A Revision of the Corylophidae (Coleoptera) of the West Palaearctic Region. *Instrumenta Biodiversitatis* No. 3. 202 pp., 424 figures, Muséum d'histoire naturelle, Geneva.

David, A.R. (2000), Mummification. In Nicholson, P. and Shaw, I. (eds.) *Ancient Egyptian materials and technology*, Cambridge University Press, Cambridge.

David, A.R. (2000), Mummification. In Silverman, D. (ed.) *The Oxford Encyclopaedia of Ancient Egypt*, Oxford University Press, Oxford.

David, A.R. (2000), Mummification; State Religion; The Town of Kahun; Mortuary Beliefs. In Bard, K. (ed.) *Encyclopaedia of the Archaeology of ancient Egypt* Routledge, London and New York.

Ling, R. and Prag, A.J.N.W. (in press) Macedonian tomb painting. In Roger Ling (ed.), *Making Classical Art: Process and Practice* Tempus, Stroud & Charleston.

Prag A.J.N.W. (2000) Greek geometry overseas: a new Carian krater in Manchester. In Tstetskladze, G.R., Prag A.J.N.W. and Snodgrass, A.M. (eds), *Periplous: Papers on Classical art and archaeology presented to Sir John Boardman*. Thames and Hudson, London.

Prag A.J.N.W., Neave, R.A.H. and Smith, Denise (1999). The face of Pelops. In Betancourt, P.P., Karageorghis, V., Laffineur, R., Muhly, J. and Niemeyer, W.-D (eds)

*MELETEMATA: Studies in Aegean Archaeology present to Malcolm H. Wiener (Aegeum - Annales d'archéologie égéenne de l'Université de Liège et UT-Pasp, 20)* University of Liège/University of Texas at Austin.

Tsetskhladze, G.R., Prag, A.J.N.W. and Snodgrass A.M. (eds) (2000) *Periplous: Papers on Classical Art and Archaeology Presented to Sir John Boardman* Thames & Hudson, London.

### **3. Academic Journal Papers**

Betterton, J., Green, D.I. and Mason, J. (2000) Famous mineral localities: Penberthy Croft Mine, St. Hilary, Cornwall, England. *UK Journal of Mines and Minerals*, **20**, 7-37.

Brown, T. A., Brown Keri A., Flaherty, C. E., Little, L. M. and Prag, A.J.N.W. (in press). DNA Analysis of bones from Grave Circle B at Mycenae: a first report. *Annual of the British School at Athens* **95**.

Dennis, R.L.H. (2000). The comparative influence of source population size and migration capacity on the persistence of butterfly species on a small offshore island. *Entomologist's Gazette* **51**, 39-52.

Dennis, R.L.H., Donato, B., Sparks, T.H. & Pollard, E. (2000). Ecological correlates of island incidence and geographical range among British butterflies. *Biodiversity & Conservation* **9**(3), 343-359.

Dennis, R.L.H. & Hardy, P. (1999). Targeting squares for recording: Predicting richness and incidence of species for a butterfly atlas. *Global Ecology & Biogeography Letters* **8** (6), 443-454.

Dennis, R.L.H. & Thomas, C.D. (2000). Bias in butterfly distribution maps: the influence of hot spots and access. *Journal of Insect Conservation* **4**(2), 73-77.

Edwards, S.R., Sheffield, E. and Stern, R.C. (2000). *Zygodon conoideus* var. nov. *lingulatus*, a distinctive new variety of moss from southern England. *Journal of Bryology* **22**(1), 35-42.

Green, D.I., McCallum, D., and Wood, M. (2000). Famous mineral localities: The Brownley Hill Mine, Alston Moor District, Cumbria, England. *Mineralogical Record*, **31**(3), 231-249.

Lambert-Zazulak, P. (2000), The International Ancient Egyptian Mummy Tissue Bank at the Manchester Museum. *Antiquity* **74**, 44-48.

McGhie, H.A. (1999). Persecution of birds of prey in north Scotland 1912-69 as evidenced by taxidermists' stuffing books. *Scottish Birds* **18**, 211-222.

McGhie, H.A. (2000). East Ross rookeries in 1998-9. *Scottish Birds* **18**, 300-307.

McGhie, H.A. & Summers R.W. 2000. Crossbill egg sizes in Scotland. *Scottish Birds* (in press).

McGhie, H.A. 2000. Density and habitat associations of Barn Owl in East Ross. *Scottish Birds* (in press).

Nudds, J.R., MacDermot, C.V. & Ni Bhroin. New records of Solenodendron (Rugosa) and its stratigraphic occurrence in Ireland. *Special Papers in Palaeontology*. (in press).

Penney, D. (1999). Hypotheses for the Recent Hispaniolan spider fauna based on the Dominican Republic amber spider fauna. *Journal of Arachnology*, **27**, 64-70.

Penney, D. (2000). Miocene spiders in Dominican amber (Oonopidae, Mysmenidae). *Palaeontology*, **43** (in press).

Penney, D 2000. Anyphaenidae in Miocene Dominican Republic amber (Arthropoda, Araneae). *Journal of Arachnology*, **28** (in press).

Tang, C.C., Maclean, E.J., Roberts, M.A., Clarke, D.T., Prag, A.J.N.W. and Pantos, E. (in press). The study of Attic black gloss potsherds using synchrotron X-ray diffraction. *Journal of Archaeological Science*.

Wyse Jackson, P.W., Nudds, J.R. & Higgs, B. (in press). Phanerotinus cristatus (Phillips, 1836): a large spiny gastropod from the Lower Carboniferous of Ireland. *Irish Journal of Earth Sciences*.

#### **4. Conference Contributions Refereed.**

David, A.R. 5000 years of schistosomiasis in Egypt. *Proceedings of III World Congress of Mummy Studies, Arica, Chile, 1998*. (in press).

David, A.R. Benefits and disadvantages of some conservation treatments for Egyptian mummies. *Proceedings of III World Congress of Mummy Studies, Arica, Chile, 1998* (in press).

Nudds, J.R. & Löser, H. The fossil cnidarian record. *Bulletin of the Tohoku University Museum* **1** (in press).

#### **5. Review Articles.**

Prag, K. (2000). 'Crusaders abroad'. Review of Boas, A.J. (1999) *Crusader Archaeology. The Material Culture of the Latin East*. Routledge: London. *British Archaeology* **53**, June 2000, 28-29.

Prag, K. (2000). Review of Auld, Graeme and Margreet Steiner (1996) *Jerusalem I:*

*from the Bronze Age to the Maccabees. Cities of the Biblical World. The Lutterworth Press: Cambridge. Journal of Semitic Studies* **45**, 146-147.

Prag, K. (2000). Review of Edelman, Diana Vikander (ed.) (1995) *You Shall Not Abhor an Edomite for He is Your Brother*. *Archaeology and Biblical Studies* 3. Scholars Press: Atlanta. *Journal of Semitic Studies* **45**, 162-163.

## **6. Professional Journal Papers**

No details submitted for this financial year.

## **7. Editorships, Journals.**

Dr Green continues as editor of the *UK Journal of Mines and Minerals*.

Colin Johnson is a member of the Board of Governors for the journal *The Coleopterist*.

Dr John Nudds is editor of *The North West Geologist*.

K. Prag continued to edit *Levant*, the Journal of the Council for British Research in the Levant

## **8. Journal letters, Notes etc.**

Bankes, George. (October 1999) Sequel to the Glasgow Ghost Dance Shirt. *Museum Ethnographers Group Newsletter*, 1999, 1.

Bankes, George (October 1999) The Chase Manhattan Gallery of North America at the British Museum. *Museum Ethnographers Group Newsletter*, October 1999, 4-5.

McGhie, H.A. (Summer 2000). Notes on the Muir of Ord ponds. *Highland Biological Recording Group Newsletter*.

McGhie, H.A. (Summer 2000). Large snails in the Highlands. *Highland Biological Recording Group Newsletter*.

McGhie, H.A., (Summer 2000). Persecution and spread of Pine Marten in north Scotland 1912-69. *Highland Biological Recording Group Newsletter*.

Prag, A.J.N.W. (1999). The Technique of Facial Reconstruction. In Tzedakis Y. and Martlew, Holley (eds) *Minoans and Mycenaeans - Flavours of their Time* (exhibition catalogue: National Archaeological Museum, Athens, 12 July -17 November 1999) Athens, Greek Ministry of Culture 218.

Prag, A.J.N.W. (2000). Putting Flesh on Bone. *Scientific American Discovering Archaeology* **2.1** (Jan/Feb 2000), 62-3.

Prag, K. (1998). Re-excavating Jerusalem: the Work of the Joint Expedition, 1961-1967. *Bulletin of the Anglo-Israel Archaeological Society* **16**,127-129. [Publication date 2000].

Prag, K. (1999). The Ancient Jerusalem Project. *CBRL News. Jerusalem*. No. 1, 3

Prag, K. (1999) Vronwy Hankey. *Levant* **31**, iii.

Prag, K. (1999). Research Rights and Rites. The Edinburgh Symposium 'On Scrolls, Artefacts and Intellectual Property'. *BANEA Newsletter* **11-12**, 1998-1999, 81.

Prag, K. (1999). Conference on the Nabataeans at Petra. *BANEA Newsletter* **11-12**, 1998-1999, 82.

## **8A. Posters**

### *1. SANS/SAXS et cetera en Temps Homerique*

Guenter Grossmann, Nick Terrill, Geoff Mant, Greg Diakun, Richard Strange, Laurie Murphy, Miroslav Papiz, Suzan Girdwood, Mark Tobin, Chris Corrigan, Alan Brown, Manolis Pantos, Tom Broekmans, Mieke Adriaens, Sally Colston, Andrew Jupe, Winfried Kockelmann, Stephen King, Olwyn Byron, Claire Ackerman and Kay Prag

Poster at SRS User Meeting 14-15th September 1999, Daresbury Laboratory; and at Workshop: SR in Archaeometry, Daresbury 19-20 November 1999.

### *2. Synchrotron Radiation in Archaeometry*

Manolis Pantos, C.C.Tang, E.J.MacLean, K.C.Cheung, R.W.Strange, P.J.Rizkallah, M.Z.Papiz, S.L.Colston, M.A.Roberts, B.M.Murphy, S.P.Collins, D.T.Clark, M.J.Tobin, M.Zhilin, K.Prag, and A.J.N.W.Prag

Poster at 8th Annual Fibre Diffraction and Non-Crystalline Diffraction Workshop, St. Andrews University, 15-17 June 1999 and SRS User Meeting 14-15th September 1999, Daresbury Laboratory; and at Workshop: SR in Archaeometry, Daresbury 19-20 November 1999.

### *3. Porosity Characterisation of Ancient Ceramics by Small-angle X-ray Scattering*

Gunter Grossmann, Manolis Pantos, Dave Clarke, Olwyn Byron, Claire Ackerman, Hartmut Kutzke, Mickie Zhilin, Kay Prag and John Prag

EMAC99 5th European Meeting on Ancient Ceramics, Athens October 99 and at Workshop: SR in Archaeometry, Daresbury 19-20 November 1999.

## **9. Conference Contributions, Other**

## **Directorate**

Tristram Besterman, Director, led a seminar for a Directors Group from the National Museum of Denmark on the Capital Development Project at The Manchester Museum in September 1999. Also in September he lectured to The Friends of Buxton Museum and Art Gallery on *'The Manchester Museum into the new Millennium'* and attended the annual Museums Association Conference in Edinburgh. In October 1999, he delivered a presentation at the Museum Study Seminar in the University of Manchester and attended a Creative Industries Conference in London. During November 1999, he gave a paper on *'The Ethics of Disposal'* on the Congress on Selection and Deaccessioning of Museum Collections in the Netherlands. Mr Besterman delivered a paper on *'Repositioning the Museum – becoming more customer focused'* at a Federation meeting in February 2000. During May the Department for Cultural Media and Sport Conference on *'Museums and Lifelong Learning'* jointly hosted by Ministers of State from DCMS and DfEE at Westminster, London.

On 29<sup>th</sup> June 2000, Tristram Besterman and Sir John Kerr hosted a lunch in the Museum's new Discovery Centre attended by Professor Paul Langford, Chief Executive and Chairman of the Arts and Humanities Research Board, Dr Laurence Smaje, Director of the Medicine, Society and History Division of The Wellcome Trust, together with senior officials from the Heritage Lottery Fund.

Tristram Besterman continued to serve on a number of museum bodies: The Museums Association Ethics Committee (Convener); the national working party on The Return of Cultural Property (under the aegis of the National Museum Directors' Committee), Resource Registration Committee; the North West Museums Service Board of Management, Executive Committee and Advisory Panel (Chair); University of East Anglia Board of Management for the Sainsbury Centre for Visual Arts; Pitt Rivers Museum, University of Oxford reviewing committee; University College London, Museums and Heritage Committee.

## **Archaeology**

Dr John Prag lectured extensively on facial reconstruction, to member societies of the National Decorative and Fine Arts Societies in Bury St Edmunds and Shrewsbury, to the Classical Association (Exeter branch) and elsewhere, and on the Haworth collection of Wedgwood to the Bowdon Historical Society. During November he co-organised the workshop on "Synchrotron Radiation in Archaeometry" at Daresbury Laboratory, and gave the opening address. In March he was invited to speak at the 21st birthday conference of the Skeletal Dysplasia Society in Oxford. He also took part in the fifth Ancient DNA conference, held at UMIST in July.

With Dr John Salmon (Nottingham University) Dr John Prag led the Manchester Museum/Delta Travel study-tour to the Greek islands of Chios and Samos in April. Dr John Prag and Dr Kay Prag both acted as guest lecturers for Andante Travels in Greece and Israel.

Dr John Prag continued to serve on the Council of the British School at Athens, and on the Advisory Committee of the Warburg Institute (University of London)..

Dr Kay Prag gave a paper on Bronze Age Syria at a British Museum lecture day in October 1999; during May 2000 she lectured on Jerusalem in the Bronze Age to the Manchester University Archaeological Society; participated in a publication workshop

held in Edinburgh on the site of Jerablus Tahtani, Syria; lectured on current research in the Jerusalem and Iktanu projects to the Faculty of Divinity and to the Carsten Niebuhr Institute of Copenhagen University; and presented a paper at the Second International Conference of the Archaeology of the Ancient Near East in Copenhagen.

### **Entomology**

Colin Johnson attended the Annual Conversazione of the Verrall Association of Entomologists at Imperial College, London in March 2000 and the 7<sup>th</sup> meeting of Collection Managers of Major UK Insect Collections in the University Museum of Zoology, Cambridge, in September 1999.

### **Ethnology**

Dr George Bankes attended the Museum Ethnographers Group Annual Conference *Developing Dialogues-Museums and their communities* at the Royal Albert Memorial Museum, Exeter, in May 2000. He gave a paper called *Exploring Africa in Manchester* in the *Museum Constituencies* section of the conference. Also in May 2000 he attended the *International Colloquium on Pre-Columbian and Ethnographic Collections of Latin America* at the National Museum of Ethnology in Leiden, Holland. There he gave a paper entitled *Modern Potters using prehispanic technology in north Peru and southern Ecuador*.

### **Egyptology**

Dr Rosalie David gave the British Council Medal Lecture on September 24, 1999, at the Anglo-French Medical Society's Annual Scientific Meeting, held at Avignon, France. The subject of the lecture was "Ancient Egyptian Mummies: a research resource for the study of disease and medicine." The medal was presented by Dr. Sally Goodman, Head of Science, Governance and Society at The British Council, Paris.

Dr Rosalie David lectured on "Ancient Egyptian Palaeopathology" to the University of London Diploma in the History of Medicine course (October 2, 1999). She gave invited lectures and papers to the Manchester Literary and Philosophical Society (October 13, 1999); the Hull Literary and Philosophical Society (November 16, 1999); the Elgee Memorial Lecture at the Teeside Archaeological Society (December 3, 1999); the Nottingham Medical Society (February 23, 2000); the Embassy of the Arab Republic of Egypt, London (February 10, 2000); and the Biological Science Society, University of Manchester (December 14, 1999). She gave an invited lecture (June 20, 2000) at the Whitworth Art Gallery, University of Manchester, to accompany the exhibition "The Times of our Lives: Endings." The subject of the lecture was "Death and the Afterlife in ancient Egypt."

Dr Rosalie David was Guest Lecturer on a Swan Hellenic cruise to Egypt, Jordan, Saudi Arabia and Oman (March 15-30, 2000). She attended the inauguration ceremony by the Secretary of State for Culture and the Arts of the Imperial War Museum of the North (January 5, 2000), and the Opening by Her Majesty the Queen of the Wellcome Gallery at the Science Museum, London (June 27, 2000).

Dr. David was Guest Speaker at the Women of the North Luncheon in Manchester (May 3, 2000).

Dr Rosalie David continued to serve as a member of the Advisory Board, Department of Archaeological Science, University of Bradford; and as Honorary Secretary of the Northern Branch of The Egypt Exploration Society.

### **Geology**

Dr John Nudds attended the Eighth International Symposium on Fossil Cnidaria, Sendai, Japan, September 12-21 1999 and presented a poster jointly with Dr Hannes Löser (Staatliches Museum für Mineralogie und Geologie Dresden) on "The fossil cnidarian record". From October 28 to 31 1999 he attended Geological Curators' Group Study visit to Paris. The 43rd Annual Meeting of the Palaeontological Association, was hosted by the Manchester Museum and the Earth Sciences Department of The University of Manchester and organised by Dr John nudds and Dr Paul Selden December 19-22, 1999.

### **Numismatics**

Mr Keith Sugden and Mrs Phyllis Stoddart attended the Lecture Weekend of the British Association of Numismatic Societies in Oxford in September, 1999, and the Annual Conference of the same association in Glasgow in April, 2000.

### **Simon Archery**

Mrs Wendy Hodkinson the Society of Archer-Antiquaries Antiquarian Shoot at the Royal Toxophilite Society, Burnham, Buckinghamshire on 8 August 1999; the 51st Meeting of the "Ilkley Arrow" Society on 17 September 1999 followed by the British Longbow Society AGM on 18 September 1999 both also held at the Royal Toxophilite Society; the Society of Archer-Antiquaries AGM on 5 March 2000 again at the Royal Toxophilite Society; the Rufus 2000 Tournament held in the New Forest on 23 April 2000 to commemorate the 900th Anniversary of the Death of William 11, "Rufus" son of William the Conquer; and the British Long-bow Society Spring Clout Meeting at the Woodmen of Arden's Ground, Meriden near Coventry on 10 June 2000.

## **10. Other Media**

Dr.David's work was featured in "Woman's Hour" (December 2, 1999), and in television films made for Australia, the "Discovery Channel", and the BBC. Filming has also continued in Egypt and Manchester for a 50-minute documentary about the Manchester Mummy Project's research which will be transmitted in the autumn, 2000.