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THE MAP COLLECTOR

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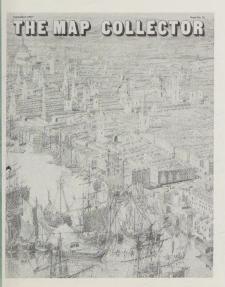
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A detail from the 'Rhinebeck' Panorama of London, c. 1810, reproduced by courtesy of its owner and the London Topographical Society, publishers of a facsimile of the whole drawing. The panorama is going on show, for the first time since its rediscovery, at the Yale Center for British Art's exhibition, 'Gilded Scenes and Shining Prospects', 9 October-15 December 1985.



Valerie G. Scott

Editorial

IT HAS BEEN another exciting three months in the map world. The dealer, collector and researcher have all been catered for and it is gratifying to see increasing numbers of people attending the various events organised for their interest.

The International Map Collectors' Society held a very successful map fair at the Forum Hotel, London, this June. Performing the opening ceremony, Brigadier G. R. Gathercole, Keeper of the Map Room at the Royal Geographical Society, said, 'The large numbers here today, many from overseas from as far as Australia and Japan and as near as Iceland and Germany, and from all parts of the United Kingdom, are evidence of the great upsurge in map collecting and the study of cartography and its history over the last six or seven years. IMCOS, incidentally, are hoping to hold their annual symposium at the RGS next year. This was followed by a three-day fair at the Bonnington Hotel - another event which is becoming a 'must' for visiting map enthusiasts from all over the world particularly as it is held regularly every month; and the annual ABA Book Fair at which a good many map dealers were present.

Researchers, librarians, collectors and some dealers gathered in Ottawa a month later for the Eleventh International Conference on the History of Cartography. (A full report and pictures will appear in the December issue). There was some 'lively' discussion on the last day about making changes in this two-yearly event - some people, particularly from the USA, would like to see it affiliated to some more formalised body which could provide funding. However, there was a body of opinion, to which I belong, which felt that an event which has been organised for 22 years so successfully under the auspices of Imago Mundi with the indefatigable Professor Eila Campbell at the helm (a remarkable lady for whom we all have the utmost affection and admiration) has many strengths which would be weakened by this move. One of the great strengths of this conference is, I feel, that it is open to everyone which a more formalised structure might alter.

We are starting a new section in this issue called 'Spotlight' to which you are invited to contribute. Short notes on new discoveries or exceptional finds will all be welcome, doubly welcome if accompanied by a black and white photograph of the item being discussed.

A word of praise for our advertisers who have really excelled themselves in this issue. Imaginative design and attractive use of colour all help to make the magazine aesthetically pleasing.

Just one additional note. Prince Andrew was presented with an antique map during his recent tour of Canada and our distributor in Ottawa, John Coles, was asked to frame it. He was only given a day but, of course, he managed it.

Happy hunting!

Valerie J Scott

Panoramas

by Ralph Hyde

This article has been written by Ralph Hyde, a leading expert on panoramas, to commemorate an exhibition being organised by him this autumn at the Yale Center for British Art in New Haven, Connecticut, USA. This will be the first major exhibition of British prospects and panoramas with more than 100 examples on display.

ON MAY 14, 1842, Herbert Ingram launched the *Illustrated London News*. Issue number 1 contained thirty wood engravings. The *ILN* was not the first London newspaper to carry illustrations, but it was the first to do it so liberally. It was also the first to give away very large engraved panoramas of towns to its subscribers as presents. The practice of publishing give-away panoramas was in due course imitated by the *ILN's* several rivals. Today, in consequence, there are a considerable number of wood-engraved panoramas the collector of town prospects and panoramas can acquire when tempted. Few of them are rare. For quality they may not compare with the coloured aquatinted panoramas of the lithographic panoramas of the '30s, '40s, '50s, and '60s. Nevertheless these give-away panoramas have qualities of their own. They are invaluable as topographical records. They are also amongst the most ambitious and impressive examples of the wood engraver's art. ¹

Herbert Ingram was born of poor parents in Boston, Lincolnshire, in 1811.² In 1834 he went into partnership with his brother-in-law, Nathaniel Cooke, and the two men conducted a successful printing and bookselling business in Nottingham. As a side-line they sold Parr Life Pills. So successful was this part of the firm's business that premises were acquired in London, in Crane Court off Fleet Street. In nearby Peterborough Court there was the engraving establishment of the brothers James and Henry Vizetelli. Henry Vizetelli and Herbert Ingram became acquainted and began to plan the publication of a weekly newspaper that would be profusely illustrated with wood engravings. A handbill announcing the new paper was printed and a million copies distributed. On it appeared a startling promise – every reader who subscribed regularly each week for the first six months would be presented with a copy of 'the splendid Colosseum Print of London'.

Ingram's offer ensured the success of the paper. It attracted subscribers and kept them. 26,000 copies were sold of the first issue and by December 1842 the circulation of the *ILN* had risen to 66,000.

Towards the end of the year the readers were anxiously awaiting the appearance of their present. They were occasionally informed of its progress. Initially the intention had been to make an engraved copy of the 40,000 sq. ft. painting of London by Thomas Hornor and E. T. Parris which lined the walls of Decimus Burton's Colosseum in Regent's Park.³ The Hornor-Parris 360° panorama showed London from the summit of St. Paul's. It could not, in consequence, show St. Paul's itself properly.⁴ Other view-points were considered. On October 29 subscribers were informed that General Maitland and the Trustees of the Duke of York's Column had given their consent for the Column to be used as the view-point. Two views would be prepared, one looking south and the other north.

Ingram, keenly interested in the latest methods of making and reproducing images, commissioned the celebrated daguerreotypist, Antoine Claudet, to take a series of daguerreotypes. From these the view was built up. An artist, Henry Anelay, was commissioned to copy the view, supplementing it where necessary with sketches made from the Duke of York's Column. When Anelay's image was complete it was redrawn by C. F. Sargent on wood. The wood used for the engraving was box which was hard but not brittle. This would be sliced across the grain to produce blocks approximately five inches square. For the 'Colosseum Print' sixty such blocks were needed. These had to be drilled and channelled underneath in order to insert brass bolts and nuts which would grip them all together.

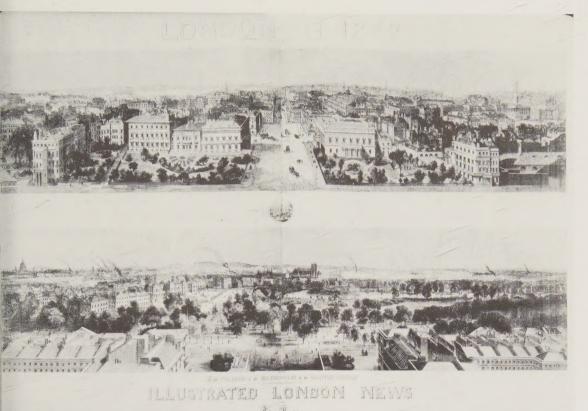
Once the view had been drawn on the blocks the next stage was to engrave it. This task was entrusted to Ebenezer Landells, who employed eighteen assistant engravers, one to do the buildings, another the foliage, a third the shading, and so on. It took two months of labour, the work never stopping day or night, it was claimed, before the operation was complete.

Every stage of the panorama's production presented new problems. No wood engraving of this size had ever been attempted before. The combined effect of moisture coming from the wet paper and heat from the press's engine was likely to cause warping and splitting. A stereotype was therefore made by Messrs Knight & Hawkes.

Once created the plates were mounted on blocks and given a final inspection. Retouchings were made. Then they were passed to the

and the Illustrated Weeklies

(Keeper of Prints and Maps at the Guildhall Library, London)





Above: Herbert Ingram (1811-1860), founder of the *Illustrated London News* (By courtesy of Guildhall Library, City of London).

Left:
London from the Duke of
York's Column, the first
give-away panorama of an
illustrated weekly,
published by the
Illustrated London News,
January 7, 1843 (By
courtesy of Guildhall
Library, City of London).

Below: Handbill announcing the Pictorial Times Thames panorama, 1845 (By courtesy of the Guildhall Library, City of London).

CIVE YOUR ORDERS IMMEDIATELY

PICTORIAL TIMES

Of SATURDAY, JANUARY 11.

On this day One Shilling will procure for all persons the

LARGEST ENGRAVING THE WORLD,

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All will go free by Post. Thirteen Postage Stamps sent to the Office, 135. Theet Street, London, will ensure the delivery of both Papers and the Emgraving to any part of Great Britain, Freland, the Color 'q., or France. steam press for printing.

It had been hoped that the print would appear before Christmas.⁷ Considering its scale and the production problems involved it was remarkable that the six-month subscribers only had to wait until January 7 to receive it. Measuring 33 inches by 46 inches (83 × 116 cms) it was regarded as something worth waiting for.

The *ILN* was able to record in its next issue: It is probable that few scenes of domestic excitement ever exceeded that of its publication . . . The numerous officials in our establishment – exceeding in number those of any other in the metropolis – became exhausted and powerless with the excess of business; and for a brief moment the office was necessarily closed. When re-opened the multitude of newsmen rushed in and then every temptation was held out to us to break faith with our subscribers. The men stood over against the railings of our spacious folding office with clusters of notes, and such exclamations as 'Who'll let me pay for 50 quires?' – 'A hundred quires here, and the money' – 'Let me leave cash and get the prints on Monday'. All were refused.

The reception given to the panorama by the other papers was little short of ecstatic. The *Morning Post* described 'London in 1842' – the title appearing on the print – as a, *tableau monstre* view of the west end of London and parts adjacent, which for neatness of finish and execution surpasses anything of the kind that we ever inspected'. The *Morning Advertiser* described it as the 'most extraordinary example of pictorial illustration which has ever yet been offered by a paper'.

To accompany the panorama a supplement was published. This contained a preface with illustrations by Kenny Meadows, two key diagrams to the Colosseum Print, ten views of old London, and a song entitled 'London, the City of the World' by E. W. N. Bayley. Such supplements became a common feature when illustrated papers gave away panoramas, and even when there was no supplement, key diagrams and a description would be supplied.

Such was the success of the *ILN* venture that in 1843 Henry Vizetelli, with his elder brother James, and Andrew Spottiswoode, started the rival *Pictorial Times*. Determined to outdo its competitor, handbills were distributed at the end of 1844 announcing the imminent publication 'for all persons – the largest engraving in the world, the Grand Panorama of London from the Thames, fourteen feet in length!'

MAGNIFICENT PERIODICAL PRESENTS

TO THE

SUBSCRIBERS TO THE

LONDON NEWS.

GRAND PICTURE EXHIBITIONS

OF THE

PRINCIPAL CITIES OF EUROPE.

ANNOUNCEMENT.

In the second week of December—and, as it were, on the threshold of another prosperous year—we are again enabled to make one of those joyous announcements to our readers, which are ever sources of pleasure to ourselves in the proportion in which their fulfilment tends to the profit and enjoyment of the Public, "for whom we live"—or, at least, of that portion of it with whom we are in weekly and friendly communion.

The perfect honesty of principle and purpose with which this Journal has continued its career, has maintained for it the undeviating confidence of those who placed reliance upon its early promise, and have had no reason to regret their trust. This is our boast; and it will be seen that we uphold our right to it.

It was in this spirit that—destined little to profit, but much to please—we prepared those magnificent commemorations of our early patronage, and afterwards confirmed prosperity—the Grand View of London—and superb Panorama of the Thames—presented, at fitting intervals, to our readers.

It is in the same spirit that now—towards the close of our Seventh Volume, and another year—with foot firm in the stirrup—gratitude inspiring, and confidence insured—we announce our intention to present our readers with Noble Presents, in appropriate form, and with the best genius and illustration that modern art can afford, and without a thought of expense,

MAGNIFICENT PICTURES

OF THE

PRINCIPAL CITIES OF EUROPE.

It is not more our determination that their production shall surprise all who receive them, than that the faithful Illustrations themselves shall become so many records and monuments of what the good-will and hearty friendship of the public enabled the first Illustrated Newspaper in the Nineteenth Century to achieve. Edinburgh and Dublin put forth their sister claims with London; and we may well aspire to reflect on a grand scale, the Chiefest Cities of Europe, when not Europe, nor any territory short of the whole known world, is able to affix a limit to our circulation.

The minute details of our plan, in presenting these Magnificent Pictures to our Subscribers, will be immediately placed at their disposal. For the present, we are glad to believe that there is not one of them who will not feel confidence and pleasure in its plain ANNOUNCE-MENT.

The Number of our Journal, with the Presentation Print, price 6d. No extra charge will be made. The first Print, a View of the City of Dublin, will be presented early in the ensuing year.

Left: Announcement of future Illustrated London News panoramas, November 13, 1845 (By courtesy of Guildhall Library, City of

London)

Right
A panorama of Plymouth,
Stonehouse and
Devonport by H. W.
Brewer, also published by
the *Graphic* on August 5,
1895 (By courtesy of John
Wood)



BIRDS-EY

Below: W. L. Wyllie (1851-1931), marine artist, who drew panoramas for the *Graphic* (By courtesy of the Guildhall Library, City of London)

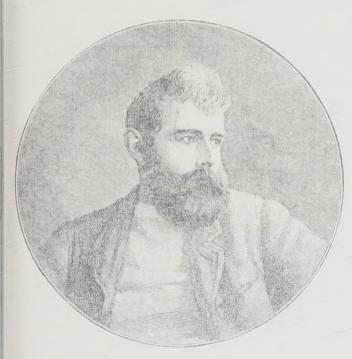
Though dated December 21, 1844, the panorama appeared on January 11, 1845. The image was divided into four strips on a sheet measuring 31½ inches by 42½ inches (80 × 107 cms). When butted up, the four strips resulted in an imaged that measured 5¼ inches by 148½ inches (12½ × 378 cms). In the margin at bottom left appeared the words 'Engraved by Henry Vizetelli'. The view extended from the Western Stone Wharf, just west of Parliament, to the Belfast, Cork, Leith, & Glasgow Steam Wharf, just to the east of St. Katharine's Dock. All the riverside buildings were portrayed with considerable care as was the great variety of river craft. Hungerford Suspension Bridge was shown not yet complete. Near the Temple Gardens the Doggett's Coat and Badge race was shown under way. A supplement accompanying the panorama provided the readers with 'antiquarian, historical, literary, and personal' notes for an imaginary trip down the engraved river. Its perioration vibrates with Victorian pride and self-confidence:

The fatal Niger, the mighty Amazon, the turpid Mississippi, the picturesque and historic Rhine, the rushing Danube, and the classic Tiber, have each their scenes, their stories, and associations; but commend us the river, whose bosom bears the ships of all nations, freighted with the richest and rarest products of the earth – whose warehouses hold in plenteous abundance the harvest of all climes and whose commerce is told in every language man can speak.

The *ILN* retaliated. On the same day it published its own 'Panorama of the Thames in 1845', which exhibited 'as distinctly as in a map, yet with beautiful picturesque effect, the "Royal towered Thame", its "Forest of Masts", its crowded Docks and Port, its Fleet of Steamers, its Noble Bridges, its busy Wharves and Quays, and the various objects of interest and beauty upon its immediate banks'. ¹⁰ The print, 'engraved in the First Style of the Art, from a most elaborate Drawing made expressly for the *Illustrated London News*', had taken the artists several months. 'Total reliance' could be placed on its accuracy. Besides being given away, the panorama was sold as a single strip in folded covers and also on a roller. In both forms it was usually hand-coloured.

The *Pictorial Times* reissued their Thames panorama too. In March 1845 they announced that it was available, folded in covers, 1s.6d. uncoloured or 2s. coloured, 'a Cheap and Elegant Present . . . an admirable companion for the Holiday Tourist . . . and a suitable purchase for all residents in the Country ¹¹ In this form it carried the title 'The Grand Panorama of London from the Thames', and the imprint of the *Pictorial Times*' publisher, Charles Evans. On Trinity Monday two years later the Duke of Wellington, as Master of Trinity House, proceeded to Deptford via Greenwich for Divine Service at St. Nicholas's Church. The *Pictorial Times* used this as an excuse for producing five additional strips of engraving, after drawings by W. H. Prior, ¹² these appearing in the issue for June 5, 1847. Then, having linked these strips to the original panorama, it announced on August 7, 'The Cheapest and Most Wonderful Engraving in the World! Panorama of London from the River. Twenty-One Feet in Length. Beautifully





Engraved, and bound in maroon-coloured Cloth and Gold... Eighteen pence'. In 1849 Charles Evans with I. Whitelaw published a new edition, more truthfully describing it as eighteen feet in length. On this version a timber wharf had been clumsily inserted into the woodblock to make Hungerford Bridge appear complete. There are also copies dated 1851 and copies with the imprint of G. Whitelaw. Azulay, giving his address as the Thames Tunnel, sold the panorama on rollers with pink or green wrappers. In 1851 Cassell's Illustrated Family News gave away a re-engraved version of the Pictorial Times panorama with their first issue. It incorporated the new Coal Exchange, the Chinese Junk, and crowds watching the Lord Mayor's river procession.

The *Pictorial Times* ceased publication in 1847, but the *ILN* continued to give its readers panoramas. When publishing a large panorama of Dublin in 1846 it had promised its readers that this would be the first of a series of views of the capital cities of Europe. ¹³ A panorama of Edinburgh, which had been in preparation for two years, appeared in 1848, and yet another of London appeared in 1861. The London panorama, taken from the highest point in Camberwell, was stated in advance publicity ¹⁴ to be after careful drawings by Edward Hull (who

had produced a most attractive panorama of Tunbridge Wells). On the panorama itself, however, the artist is given as Thomas Sulman, a pupil of Ruskin. ¹⁵ According to the *Builder's* reviewer, work on the panorama had occupied the draughtsman and the engraver several years, the detail being plotted onto the image from 'existing ground plans'. Views had been made from 'many lofty positions as well as in the various individual localitie'. Photography had been used extensively. ¹⁶

No artist or engraver appears on the *ILN's* panorama of Glasgow published in 1864, but Sulman was responsible for their Liverpool panorama in 1865 and for a second panorama of Edinburgh in 1868. One of Oxford was published in 1870 and one of Plymouth in 1872. Other cities dealt with were Paris in 1848, Rome in 1850, Florence in 1865, Paris again in 1866, Vienna in 1873, and New York in 1876.

The moment the ILN stopped publishing panoramas its new rival, the Graphic, began producing them. Its first was of Constantinople, 'Engraved from really magnificent photographs by MM Abdullah Freres', and published at the time of the Conference on the Eastern Question in December 1876. Two of the panoramas - for London and for Liverpool – were the work, in part at least, of W. L. Wyllie, later renowned as a marine artist. 17 Wyllie made sketches of London from a balloon in 1880, but because the balloon was moving the recording of detail proved impossible. ¹⁸ The artists were obliged, therefore, to make their more detailed drawings from the Victoria Tower, Westminster Abbey, shot towers, and 'the top of a house in Westminster'. The weather in May and June 1883 when they were making their drawings was favourable. On 22 May far away Woolwich was visible. Smog was a problem. Sudden gusts of wind would remove it from one spot and pile it up in great columns in another. The sun's rays 'pierced the great columnar masses . . . in a strange and eccentric manner such as would be impossible to imagine or represent without careful studies and memoranda made from Nature'.

The artist responsible for much of the detailed drawing for the London panorama was H. W. Brewer, an architectural perspectivist and romantic medievalist. ²⁰ Brewer reported a series of misadventures. Armed with his black bag, folded easel, and a map marked with crosses, he was arrested outside Parliament on suspicion of being a Fenian. On another occasion, whilst working on a particularly elaborate drawing in the Victoria Tower, the wind snatched his paper out of his hands and whirled it into the sky. Thirty-eight engravers were employed to engrave the final image on eighty-eight boxwood blocks, bolted together for printing. ²¹

Brewer was responsible for most of the *Graphic's* subsequent panoramas – Liverpool (with Wyllie) in 1885, Edinburgh (with Griffiths) in 1886, Birmingham in 1886, Glasgow in 1888, Manchester in 1889, West London in 1889, Modern London compared with Visscher's view of 1616 in 1890, and Rome (with H. E. Tidmarsh) in 1890. Brewer's final panorama for the *Graphic* was of Dublin. On earlier occasions he had politely acknowledged assistance. In Dublin he was overwhelmed



EDINBURGH IN 1886

A panorama of Edinburgh by H.W. Brewer and T. Griffiths, published by the *Graphic* on May 22, 1886 (By courtesy of John Wood).

Right:
A panorama of Birmingham by H. W. Brewer, published by the *Graphic* September 4, 1886 (By courtesy of John Wood).

A panorama of Manchester by H. W. Brewer, published by the *Graphic* on November 9, 1889 (By courtesy of John Wood).



MANCHESIER IN 1889



by the warmth of his reception and the help given. Permission to sketch was granted on every occasion. 'Officials, custodians, and even the poorer classes of the community', he reported, 'granted us every assistance, displaying a feeling of genuine politeness which we have frequently found wanting elsewhere'. The Mayor's secretary visited every public building to make arrangements for him, the builder at St. Augustine's Catholic Church rearranging the scaffolding for his convenience. One of two very poor women, engaged in an altercation, said to her adversary, 'Whilst, Biddy, lets have it out further down the street; don't ye see we are disturbing the gintleman what's drawing'.22

BIRDS-EYE VIEW

Dublin was the last of the great wood-engraved panoramas to be produced by London's illustrated newspapers. Giving away panoramas did not cease abruptly though. Brewer, who had drawn a panorama of medieval Oxford for the Builder in 1891, produced bird's-eye views of Oxford and Cambridge for subscribers to the Graphic in 1894, both of them printed by the firm of Meisenbach using the half-tone process. The last of the panoramas was Brewer's 'Bird's-Eye View of Plymouth, Stonehouse, and Devonport', a half-tone printed by C. Angerer & Goshl in 1895, that showed the scene from Mount Edgcumbe Park.

References:

- A comprehensive descriptive catalogue of the large engraved prospects and panoramas of British and Irish towns produced between 1575 and 1900 is being compiled by the present author. Publication is now anticipated in late 1986 or early 1987.
- Dictionary of National Biography; L. de Vries, Panorama, 1842-1865

- (London: Murray 1967), p.9.
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BIRMINGHAM IN 1886

- ILN, 29 Oct. 1842, p.390.
- H. & A. Gernsheim, L. J.M. Daguerre: The History of the Diorama and the Daguerreotype (London: Secker & Warburg 1956).
- ILN, 31 Dec. 1842, p.545.
- *ILN*, 31 Dec. 1842, p.534. *ILN*, 14 Jan. 1843, p.17.
- - No mention of the engraving of the panorama appears in Vizetelli's autobiography, Glances Back through Seventy Years (London: Kegan Paul 1893) and we may take it that the work was carried out under his direction rather than by him personally. By the time the panorama appeared Vizetelli had sold his shares in the *Pictorial Times* to Spottiswoode. The drawings for the panorama as issued in 1845 are in Guildhall Library's Sargent Collection.
- ILN, 28 Dec. 1844, p.406. Pictorial Times, 22 Mar. 1845.
- 12 In 1970 the drawings for the extension to the Pictorial Times' panorama were in the stock of the London print dealer, Walter Spencer. The author would be glad to learn of their present whereabouts.
- 13 ILN, 13 Dec. 1845, p.374.
- ILN, 2 Feb. 1861, p.92
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- 16 Builder, 11 May 1861 17
 - For Wyllie's methods of working for the Graphic see M. A. Wyllie, We Were One: A Life of W. L. Wyllie (London: G. Bell & Sons 1935), pp. 17-19. For his use of maps in producing panoramas see W. L. Wyllie, Nature's Laws and the Making of Pictures (London: Arnold 1903).
- 18 Graphic, 11 Sept. 1880, p.247. 19
- Graphic, 31 May 1884, p.530. 20 See introduction to Old London Illustrated, by H. A. Cox (London 'Builder' 1921); obit. in Builder, 10 October 1903.
- 21 Graphic, 31 May 1884, p.530.
- 22 Graphic, 27 Dec. 1890, p.731.

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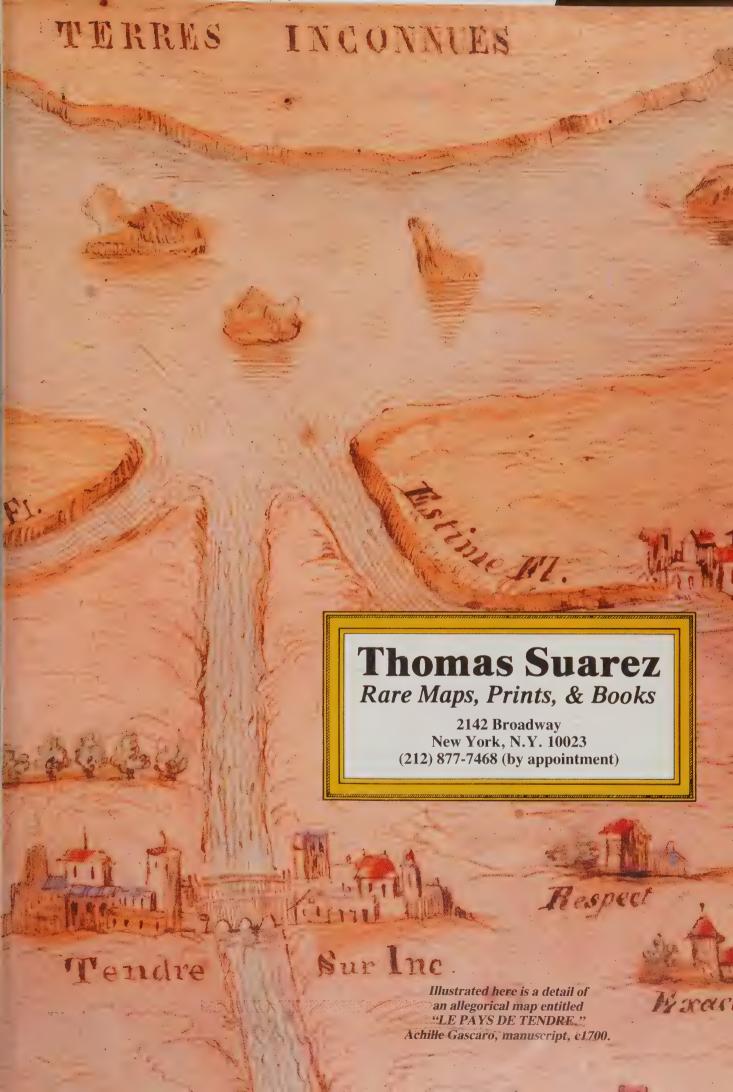
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The Cartographic Collections

by Robert W. Karrow, Jr., Curator of Maps

Part Nine in our series on treasure house libraries in the USA.

UNLIKE MOST OF the other privately endowed research libraries, the Newberry Library began not with a core of books assembled by an assiduous collector, but rather with a collection of money. Walter Loomis Newberry (1804-1868) came to Chicago in 1830 when it was still a muddy village and bought forty acres of land on the north side of the river. He became a very wealthy man, active in banking, railroads, and real estate, and had formed a respectable gentleman's library by the time of the Civil War. We know little about this library, destroyed in the fire that swept through Chicago in October 1871, but that it was admired by his daughter, who lamented the loss of 'all Papa's favorite books, that beautiful library.'1

While travelling to Europe in 1867 Walter Newberry died aboard ship. At that time there was a subscription library but no public library in the city of Chicago, and Newberry had provided in his will that half of his estate go to found a public library in the event his daughters left no heirs. This must have seemed an unlikely eventuality, but both died young, and unmarried. With the death of his widow, Julia Clapp Newberry, in 1885, the provisions of his will were carried out, and half (\$2,150,000) of his estate was set aside to establish a library on 1 July 1887.

The Library's trustees made an important decision at the very beginning: the Chicago Public Library having been founded in 1872, they agreed that the Newberry would be a non-circulating reference library. They hired as their first librarian (1887-94) William Frederick Poole, then dean of American librarians, and on 6 August they appropriated \$40,000 for the purchase of 'books, maps, and charts.' Because the Library was starting

from scratch, a special effort was made to develop a collection of catalogues and bibliographies (on which Poole was an expert), and this continues to be a major collecting interest and a particular strength. In the earliest years of the Newberry Library, there was no restriction on the scope of collecting; there were scientific and technical collections, a large medical collection, and another on fish and angling. As the books began to gather the trustees moved the Library through three crowded, temporary locations before the permanent building on Walton Street was completed in 1894, after a design by Henry Ives Cobb.

Over the years, the Newberry has evolved into a reference and research library in the humanities with particular emphasis on Western European and American history and literature from the late middle ages to the twentieth century. Among its special collections may be named the history of printing, the American Indian, the Portuguese colonial empire, western Americana, calligraphy, music, genealogy and local history, modern fine printing, modern literary manuscripts, the archives of two railroads and the Pullman Palace Car Company, the history of linguistics, and, of course, the history of cartography.

Maps and atlases were widely purchased, particularly as they bore on central collecting interests, such as history, geography, and travels. Cartographic acquisitions in the first few years of the Library's history set the tone: the map catalogue of the New York State Library (1857), Napoleon's *Description de l'Egypte*, with its elephant-folio atlas volumes (1809-22), editions of Champlain (1632) and Charlevoix's *Nouvelle France* (1744). Bernard Romans' *Natural History of East and West Florida* (1776), the *Proceedings and Journal of the Royal Geographical Society* (1831-89), Filson's *Kentucke* (1784), Ptolemy's *Geographia* (1541, 1542, and 1552 editions), the Nordenskiöld *Facsimile Atlas*, and De Bry's *Americae* were all in place by 1892. But the real founder of the Newberry's cartographic



Above right: The Newberry Library, designed by Henry Ives Cobb, was completed in 1893. (Photo by F. Peter Weil)

Left:
On his death in 1868 Walter
Loomis Newberry left half
his estate towards founding a
library. His portrait was painted
by G. P. A. Healy c. 1865.
(Photo by F. Peter Weil)

Below right:
The collection of Edward
E. Ayer forms the backbone
of the Newberry Library's
cartographic holdings. E.A.
Burbank's portrait of Ayer was
painted in 1897 (Photo by
F. Peter Weil)

of the Newberry Library

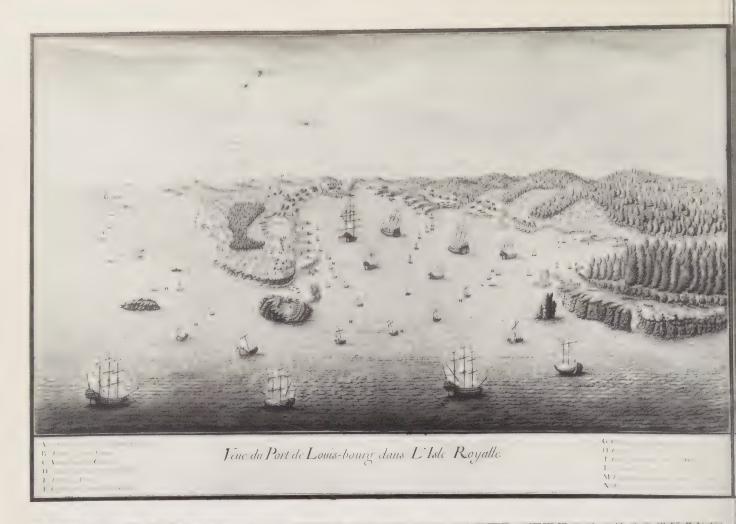


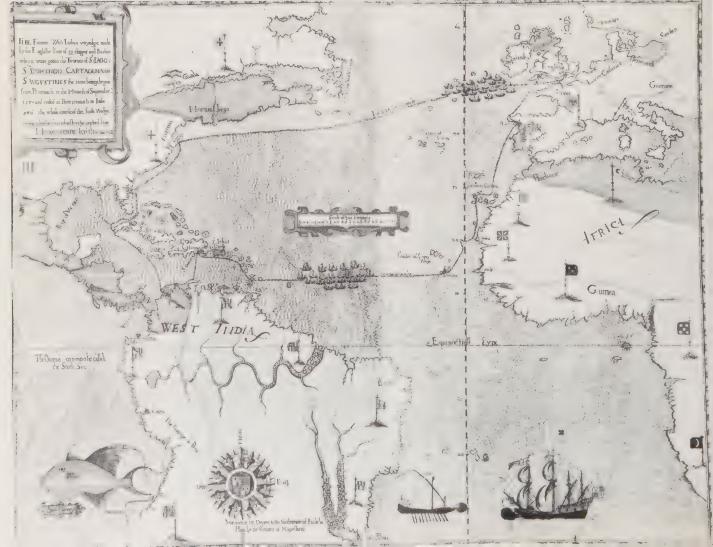


collections was still to come in the person of Edward E. Ayer, whose collection was added to the Library during the tenure of librarians John Vance Cheney (1894-1909), William N. Carleton (1909-1919), and George B. Utley (1920-1942).

As a young, unread man from rural Illinois serving in the Union Army in Arizona during the Civil War, Ayer had a chance encounter with Prescott's *History of the Conquest of Mexico* which affected him profoundly. He began to develop an abiding interest in American history, and, in particular, the early contacts between native Americans and Europeans. In later life, having made his fortune in railroad ties, Ayer became the consummate collector, not only of books and maps but of Indian and other artifacts now in Chicago's Field Museum of Natural History. As early as 1895, Ayer, by then a trustee of the Library, had moved most of his books, maps, and atlases to the Newberry and, although the collection was formally given to the Library in 1911, he continued actively to maintain and develop it until his death in 1927.

To profile the maps and atlases in the Ayer Collection is to give the backbone of the Newberry's cartographic holdings.4 Here is one of the finest gatherings of Ptolemy's Geographia, acquired by Ayer from Henry Stevens in 1898. The Stevens/Ayer collection includes forty-five of the fifty-one editions printed before 1730. Renaissance astronomy, cosmography, and navigation are well covered, and the French, German, and Swiss centres of cartographic activity are exemplified by the works of Apian, Fine, Münster, Honter, Vopel, and others. Thanks largely to the Ayer collection, but backed up by the considerable strengths of the general collections and the John M. Wing Collection on the history of printing, the Newberry possesses all the major sixteenth- and seventeenth-century atlases, often in considerable depth: Ortelius (thirty-one editions), Mercator-Hondius (nine editions), Blaeu (eight editions, including a magnificent twelve-volume Grand Atlas in original vellum binding), de Jode, Braun and Hogenberg, Waghenaer, Lafreri.







Above left:

This view of Louisbourg (1716) is from a set of *Cartes Marines* in the Ayer Collection composed of plans and views of French colonial outposts. (Photo by F. Peter Weil)

Above:

This map of the Far East exemplifies the highly decorative engravings from Jan van Linschoten's *Voyages* (1598) in the Ayer Collection. (Photo by F. Peter Weil)

Below left:
Baptista Boazio's map (1589) in the Ayer Collection traces 'The Famous West Indian voyadge made by the Englishe fleete'. (Photo by F. Peter Weil)

and others

Ayer's holdings of manuscript maps were very rich, and included the earliest maps now in the Newberry's collections, marginal illustrations in a manuscript of Dati's La Sfera (c. 1425). There are portolan charts by Roselli (1456), Millo (1567), Olives (1568), Martines (c.1581 and 1583), da Corte (1592), Oliva (1594), Voltius (1595), Maiolo (1600), and Tatton (1606), as well as eight portolan atlases (c. 1440 -- c. 1565) by Freducci, Agnese, Lopes, and others. One of the most important of these is the atlas on vellum by Sebastião Lopes, of c. 1565. It contains twenty-four charts of the world's coasts, and its lettering and painting are extraordinary. Cortesão, who reproduced it in Portugaliae Monumenta Cartographica, considered it 'one of the most beautiful and precious specimens of early Portuguese cartography.' Another Ayer treasure is the set of 115 manuscript 'Cartes Marines.' These are uniformlycoloured maps of French colonial outposts dating from the first quarter of the eighteenth century, and offer spectacular plans and views of some of the most crucial sites in American history. Also in the Ayer Collection is a remarkable corpus of material, still largely unstudied, relating to the history of the French Dépôt de la Marine, collected by Paul Carles and acquired in 1903. This collection consists of some 4,000 sheet maps, of which about 3,000 are tracings of manuscript maps in the Dépôt.

Well aware that he could not begin to build a comprehensive collection of manuscripts relating to American history, Ayer embarked on an ambitious programme of acquiring transcripts, and an important corpus of map tracings and photostats, which today constitutes a unique resource, began to be built in the Ayer Collection. On May 3, 1927, Edward Ayer died, aged eighty-five, secure in the knowledge that his collections would be preserved and augmented by a generous endowment. Miss Clara A. Smith, who had served as Ayer's librarian since about 1890, published her List of Manuscript Maps in the E. E. Ayer Collection, which remains the most inclusive (although unfortunately far from current) listing of manuscript holdings. Also in 1927, Ruth Lapham Butler, a young Ph.D. in American history, joined the staff as Miss Smith's assistant. After Miss Smith's retirement in 1931, Ruth Butler, as Custodian of the Ayer Collection, devoted a good deal of energy to augmenting the cartography collections, particularly in the area of photostats of manuscript maps. In addition, Mrs. Butler acquired a number of reference works on cartography and early geography 'so that the collection [might] be as complete as possible for students of 15th, 16th, and 17th century geography.'6 Thanks in large part to her efforts, the Ayer Collection is exceptionally strong in this area.

Through the 1940s and 50s, under librarian Stanley Pargellis (1942-62), bibliographers maintained the collections of cartobibliographies and works on the history of cartography at a comprehensive level although there were few acquisitions of antiquarian maps or atlases. The year 1962 brought a new librarian, Lawrence W. Towner, and a period of vigorous collecting which affected most quarters of the library and had a far-reaching impact on cartography. These new acquisitions

began with Everett D. Graff's bequest in 1964. Known as one of the pre-eminent collections of western Americana, the Graff Collection includes some 800 maps, many included in rare books. Frank Deering's collection of early Americana (acquired in 1966) included a fine copy of Des Barres' Atlantic Neptune, the first in a series of important atlases from the Revolutionary War period to be added. It has since been joined by Jefferys' American Atlas (1768), Faden's North American Atlas (editions of 1776, 1777 and 1778), and twenty-nine of Faden's Revolutionary War battle plans.

In 1967, the Library acquired the collection of Franco Novacco, which includes fifteen manuscript maps and atlases, among them a portolan atlas by Francesco Ghisolfo (c. 1580) and a map of the South Pacific by Quiros dated 1598. But the great strength of the Novacco collection is its Italian printed maps, and its acquisition at once made the Newberry one of the three or four outstanding collections of sixteenth-century Italian cartography in the world. Many maps in the collection are known in only a few copies, and several are thought to be unique. Among the more unusual items are the Dürer-Stabius world map of 1515 in its 1781 edition, Gastaldi's Universale of 1546, Ritter's world map on a gnomonic projection (1610), Vopel's twelve-sheet map of Europe (1597), Veneziano's 1532 map of Austria, the first separate printed map of Italy (by Gourmond, 1548), forty-seven rare maps and views of Rome (1540-1620), Gastaldi's wall map of Africa (1564), views of various events in the Turkish wars, and the large city views of Venice (1500) and Rome (1593) by Barbari and Tempesta, respectively.8

The map collection of Baron Johan Gabriel Sack had been in the Sack family home at Bergshammar, Sweden, until a few years before it was acquired by the Newberry in 1968. It could serve as a remarkable case study of 'taste and technique' in eighteenth-century map collecting. Sack (1697-1751) gathered some 1,300 printed maps of Western Europe, most of them published in the period 1690-1750, had many of them splendidly coloured, and bound some in massive calf-covered volumes. The collection is strong in national and regional maps by cartographers like Covens and Mortier, Schenk and Valck,

Sanson, Wit, Visscher, Homann, and Jaillot.9

Several smaller groups of maps, acquired in the past decade, have served to enrich the collections. The Visscher Collection consists of 128 engraved maps and plans by C. J. Visscher (1587-1652). Twenty-four of these are plans of battles and sieges depicting events in the war between Spain and Holland (1621-47), and many of them are in the form of broadside 'newsmaps', with letterpress text in the margins describing the action. The Low Countries are also the focus of a four-volume 'Polder Atlas' comprising 151 maps by R. and J. Ottens, Pieter Schenk, Nicolaes Visscher, and others. A number of the maps in these volumes are on several sheets intended to be mounted on walls,

and are splendidly illuminated.

The Newberry's strong holdings in European military history were augmented by a collection of 189 military maps (including 124 manuscripts) of the wars of the Polish succession (1733-38), the Austrian succession (1740-48), the Seven Years' War (1756-63) and the Napoleonic Wars (1795-1814), as well as by Kausler's massive atlas of military history (published 1831-37).

Wright Howes' gift of 144 nineteenth-century folding travellers' maps significantly strengthened our holdings of these influential and attractive items. The Rudd-McLeod collection of American automobile road maps, and subsequent gifts of similar items, bring the collections well into the twentieth

century.

The Library continues to acquire maps and atlases, and continues to rely on private funds for its operation. The original endowment, considerably augmented over the years, provides the bulk of the funds required for operations and current accessions. Funds recently established by Andrew McNally III and Arthur Holzheimer will make possible occasional antiquarian map purchases while the Library will continue to rely heavily on gifts to fill gaps in its collections. Most recently, Hermon Dunlap Smith's bequest provided the Library with his large and important collection of maps, atlases, and middle western travel narratives. From current publishing output the Library purchases historical maps and atlases (i.e. modern works illustrating historical events or periods), facsimile maps and atlases, medium-scale topographic maps, and monographs and journals in the history of cartography. A ten-story bookstack building completed in 1982 provides optimum storage conditions for the Library's 1.4 million books, over 5 million manuscripts, and 60,000 maps (a figure which includes maps in books and atlases). In the Cobb building, renovated in 1985, there are a separate map reading room and improved facilities for our conservation laboratory, whose staff includes a specialist in paper conservation.

References:

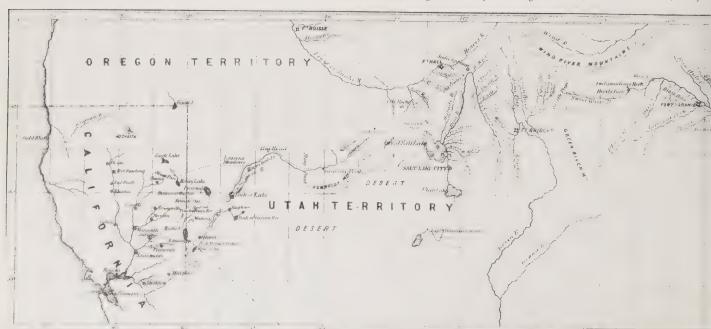
1 Margaret Ayer Barnes and Janet Ayer Fairbank, Julia Newberry's Diary (New York: W. W. Norton, 1933), p. 168. See also Rachel B. Towner, Julia Newberry (Chicago: The Newberry Library, 1982) and Lawrence W. Towner, 'The Newberry Library', in Allen Kent et al., Encyclopedia of Library and Information Science, reprinted by the Library in 1977 as The Newberry Library . . . A Brief History.

2 Proceedings of the Trustees of the Newberry Library . . . from July 1, 1887 to January 5, 1888 (Chicago: Knight & Leonard, printers, 1888), p.7. This is the first annual report of the Library. Most details of early accessions in this

account are taken from subsequent volumes of the annual report.

3 Frank C. Lockwood, *The Life of Edward E. Ayer* (Chicago: A. C. McClurg, 1929).

4 Printed material in the Ayer Collection is listed in the *Dictionary Catalog of the Edward E. Ayer Collection*, I6 vols. (Boston: G. K. Hall, 1961), with supplements in 1970 and 1980. Atlases in the Ayer and other collections are included in *Atlases in Libraries of Chicago: A Bibliography and Union Check List* (Chicago: University of Chicago Libraries, Document Section, 1936).





Above:

Franco Novacco's collection, acquired by the Library in 1967, includes many early, rare and unusual maps. Among them is this 1610 world map on a gnomonic projection by Franz Ritter. (Photo by F. Peter Weil)

Below:

William Wadsworth's National Wagon Road Guide (1858) including the 'Map of the Overland Route' is from Everett D. Graff's collection of Western Americana (Photo by F. Peter Weil)



The most detailed listing of Ptolemaica in the Library is [Ruth L. Butler], The Geography of Claudius Ptolemy: Editions in the Edward E. Ayer Collection of the Newberry Library ([Chicago: The Library, 1938]).

5 Clara A. Smith, List of Manuscript Maps in the Edward E. Ayer Collection (Chicago: The Newberry Library, 1927).

6 The Newberry Library, Report of the Trustees for the Year 1934. (Chicago: The Library, 1935), p.21.

7 Colton Storm, A Catalogue of the Everett D. Graff Collection of Western Americana (Chicago: For the Newberry Library by the University of Chicago Press, 1968) and a separate index to the maps compiled by Brenda Berkman (Chicago: Hermon Dunlap Smith Center for the History of Cartography, the Newberry Library, 1972).

8 No printed catalogue of the Novacco collection is available, but David Woodward's *La Geografia Moderna: The Work of the Sixteenth-Century Italian Cartographers (Mapline Special number 4, May 1979)* is the catalogue of an exhibition which drew heavily on the Novacco collection.

9 David Bosse, 'Johan Gabriel Sack and his Maps,' *Mapline*, 26 (June 1982): [1-4].

10 The basic group of maps is listed in Tony Campbell, 'Claes Jansz. Visscher: A Hundred Maps Described' Map Collectors' Series 46 (1968).

Access to the Newberry Library

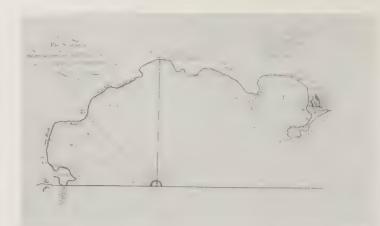
It is located at 60 West Walton Street, Chicago, Illinois 60610. Telephone (312) 943-9090. The Map Reading Room, where most map and atlas consultation occurs, is open from 9am-5pm Tuesday to Saturday, as is the Main Reading Room, which is also open Tuesday, Wednesday, and Thursday evenings until 10pm.

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Part 9 DORSETSHIRE

DE1 Bayly, John: A Map of Dorsetshire, From Actual Surveys and Records of the County, by J. Bayly 1773. London, J. Bayly, 1773.

Scale $\frac{1}{2}$ inch = 1 mile.

Includes an inset of A Draught of Portland the Shambles and the Race of Portland.

Shows Borough and market towns, villages, gentlemen's seats,

farms, castles and religious houses.

DE2 Dessiou, Joseph Foss: The Coast of Dorset, Hampshire and Sussex, from St. Alban's Head to Selsea Bill and the Park; Including the Isle of Wight, ... Compiled from the Maritime Survey of Admiral Knight .. By Joseph Foss Dessiou, Master of the R.N. London, Published by Wm. Faden, Geographer to His Majesty, Charing Cross. Augt. 12th. 1813. London, W. Faden, 1813. 625 x 1520mm.

Scale 11% inches = 4 leagues

DE3 [Geological Survey of England and Wales. Dorsetshire]. Sheets 15-18, 22 and 22

Scale 1 inch = 1 mile

London, 1834.

DE4 Greenwood, Christopher and John: Map of the County of Dorset from an Actual Survey Made in the Years 1825 & 1826. By C. & J. Greenwood, ... The Proprietors Greenwood, Pringle & Co. Regent Street, Pall Mall, London. Published Septr. 11th 1826. London, Greenwood, Pringle & Co., 1826. 6 sheets, total dimensions 1030 x 1550mm.

Scale 1 inch = 1 mile

Has a large vignette View of Melcombe Regis, near Weymouth. Shows boundaries, towns, villages, roads, churches, chapels, castles, canals, railways, woods, parks, mills etc.

DE5 Norie, John William: A New Chart of Part of the South Coast of Devon Extending from Lyme Regis to the Start including Exmouth, Teignmouth and Torbay ... London, Published as the Act directs, Feby. 24th. 1816, by J. W. Norie & Co. in the Navigation Warehouse and Naval Academy, No. 157 Leadenhall Street. London, W. Faden & Co., 1816, 770 x 605mm.

Scale $5\frac{1}{2}$ inches = 9 nautic miles

Has inset charts of Lyme Regis, Dartmouth, Exmouth and

DE6 [Ordnance Survey of England and Wales: Dorsetshire]. Old series, hill-shaded. Sheets 15-18, 21 and 22.

Scale 1 inch = 1 mile

London, Ordnance Survey Office, 1805-44.

DE7 ibid.: Another edition [1853?]. DE8 ibid.: Another edition 1862-74

DE9 [Ordnance Survey. Dorsetshire and part of the adjoining counties surveyed by Lt Col Mudge]. Sheets 15-18.

Scale 1 inch = 1 mile

London, Ordnance Survey Office, 1811.

DE10 [Ordnance Survey of Dorsetshire]. Surveyed in 1862-89. Without contours. 182 sheets and index.

Scale 6 inches = 1 mile

Southampton, Ordnance Survey Office, 1886-89.

DE11 ibid.: Another edition with contours.

Southampton, Ordnance Survey Office, 1888-93.

DE12 ibid.: [Ordnance Survey of Dorsetshire]. Surveyed in 1862-89 14 vols.

Scale 25.344 inches = 1 mile

Southampton, Ordnance Survey Office, 1866-90.

DE13 Outhett, John: The County of Dorset, distinguishing its Divisions, Hundreds, & Liberties, and Exhibiting the Mail, Direct, & Principal Cross Roads, Gentlemens Seats, Canals, &c. &c. By John Outhett. Published April 21st. 1826. by Richd. Holmes Laurie, No. 53, Fleet Street, London. Folding into a slip-case entitled A New Map of the County of Dorset ... by John Outhett. London, R. H. Laurie, 1826. 545 x 715mm.

Scale $\frac{1}{2}$ inch = 1 mile

DE14 Price, William: A New Chart of the Coast of Dorsetshire and Devonshire from St Alban's Head, to Sidmouth. Containing chiefly Portland and Weymouth Roads with the Point and Race of Portland, by William Price, Master of His Majesty's Ship Theseus. London, Published by Richd. H. Laurie. No. 53 Fleet Street, with Additions to 1827. London, R. H. Laurie, 1827.

Scale $7\frac{1}{4}$ inches = 1 mile

DE15 Steel, David: A Chart of the Coasts of Sussex, Hampshire, & Dorset, from Selsea Park to Poole Harbour; Including the Isle of Wight, ... regulated by the grand Trigonometrical Survey, embellished with Views taken by John Knight Esqr. Rear Admiral of the White. by David Steel. London: published by P. Steel, at the Navigation Warehouse, Little Tower hill, 5th. Septr. 1804. London, P. Steel, 1804. 705 x 1150mm.

Scale 2 inches = $2\frac{1}{4}$ nautic miles

DE16 ibid.: Second edition. Steel's New Accurate Chart London Publish'd by Norie & Co. Chart-Sellers, to the Honle. Boards of Admiralty &c. &c. at their Navigation Warehouse; No. 157, Leadenhall Street, near the Royal Exchange. March 25th, 1813. New Edition, 1833, Revised & Corrected by J. W. Norie, Hydrographer, &c. London, J. W. Norie, 1833. 705 x 1150mm. Scale 2 inches = $2\frac{1}{4}$ nautic miles

DE17 Taylor, Isaac: Dorsetshire. To the Rt. Honble. the Earl of Shaftsbury, ... The Map of the County of Dorset, (Surveyed and Engraved by Himself) Is Dedicated By their most Humble Servant, Isaac Taylor. Ross Jany. 1t. 1765. Ross, I. Taylor, 1765. 6 sheets, total dimensions 1020 x 1530mm.

Scale 1 inch = 1 mile

First edition with large vignettes of Maiden Castle, Corfe Castle, Dorchester Amphitheatre, Lulworth Castle, Horton Observatory, Sherbourne Castle. The map shows churches, farms, mills, beacons, barrows, stone quarries etc.

DE18 ibid.: The County of Dorset, Surveyed and Engraved by Isaac Taylor, The Second Edition revised and corrected. London. Published by Wm. Faden ... Charing Cross June 1st 1795. London, W. Faden, 1795. 6 sheets and index sheets, total dimensions 1020 x 1530mm.

Scale 1 inch = 1 mile

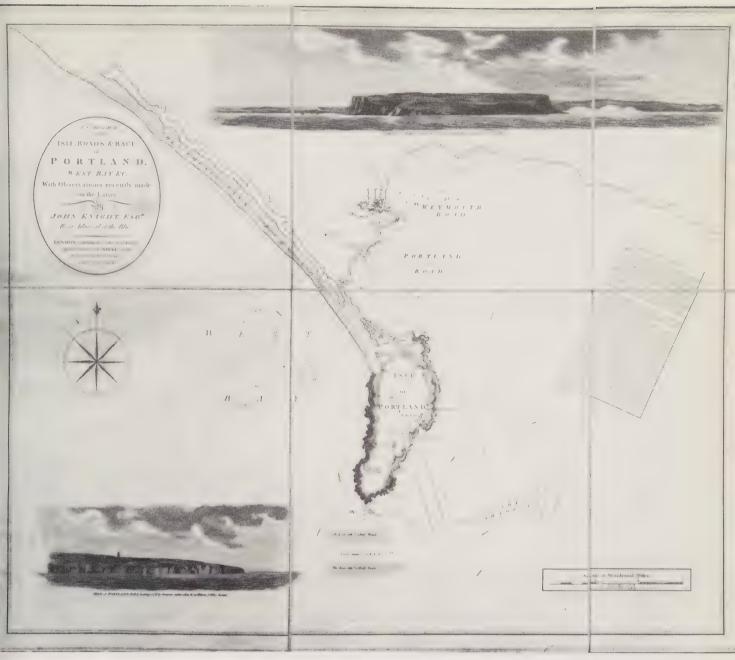
DE19 ibid.: The County of Dorset Surveyed by Isaac Taylor Reduced from the large Map in Six Sheets and Planned by a Scale of two Statute Miles to one Inch, Published by W. Faden ... July 1st. 1796. London, W. Faden, 1796. 550 x 755mm.

Scale $\frac{1}{2}$ inch = 1 mile

DISTRICT MAPS

DE20 Arthur, Pierse: Pierse Arthur's, Trigonometrical Map of Weymouth, and Melcombe-Regis. 1857. Pierse Arthur CE W. Spreat, Lith: Exeter. Entered at Stationers' Hall. [London?], P. Arthur, 1857. 2 sheets, total dimensions 1170 x 765mm. Scale 3 inches = 10 chains

DE21 Knight, John: A Chart of the Isle, Roads & Race of Portland, West Bay &c. With Observations recently made on the Latter. by John Knight Esqr. Rear Admiral of the Blue. London,



John Knight's 'Chart of the Isle, Roads, & Race of Portland' (1802) concentrates on the famous Dorsetshire landmark of Portland Bill. (By courtesy of the British Library).

Published as the Act directs, April 5th. 1802, by D. Steel, at the Navigation Warehouse, Little Tower Hill. London, D. Steel, 1802, 490 x 570mm.

Scale 11/4 inches = 1 mile

DE22 Price, Benjamin: [Dorchester] To the Worshipful R. T. Kingston Esqr: Mayor, and to the Aldermen of the Corporation. This Plan, engraved at their expence; is humbly inscribed by the Author. B. Price delin. Bayly sculpt. St. Thos. Apostle Queen Street. London, B. Price, [c.1800]. 315 x 238mm.

Scale $\frac{3}{4}$ inch = 100 yards

DE23 Reekes, Thomas and William Tucker: A Plan of the County and Town of Poole Surveyed by Thomas Reekes and William Tucker J Mynde sculp. Impensis Pet. Thompson EQ Aur. 1751. 585 x 760mm.

Scale $3\frac{1}{2}$ inches = 1 furlong

DE24 Rendel, James M. James M. Rendel F.R.S., Engineer in Chief, John Coode, Resident Engineer, Chart of Portland & Weymouth Roads, showing the intended Harbour of Refuge, and Breakwater. Maclure, Macdonald & Macgregor, Lithogrs. Draughtsmen &c. 3, Bow Church Yard, London. First stone deposited by H.R.H. Prince Albert, July 25th. 1849. London,

Maclure, Macdonald & Macgregor, [c.1849]. I sheet with map and view of Portland Roadstead and the Breakwater works. Map 177 x 555mm, total dimensions 500 x 605mm.

Scale $1\frac{1}{2}$ inches = 1 mile

DE25 Upjohn, William: Shaftesbury ... To the Right Honourable Anthony Ashley Cooper, Earl of Shaftesbury ... this Plan of the Town, is by Permission humbly dedicated by His obedient Servant Wm. Upjohn. Published according to Act of Parliament. Octr. 20, 1799, by W. Upjohn, Land Surveyor. Survey'd by W. Upjohn Engrav'd by T. I. Woodman. Shaftesbury, W. Upjohn, 1799. 486 x 460mm.

Scale $2\frac{3}{4}$ inches = 1 furlong

DE26 Wood, John: *Plan of Lyme-Regis and Environs 1841. John Wood, Surveyor 53 Threadneedle Street London Turner & Co. sc. Edinr.* London, J. Wood, 1841. 595 x 555mm.

Scale 1 inch = 3 chains

DE27 Dorchester: [Ordnance Plan of the Town of Dorechester]. Scale 10.56 feet = 1 mile

Southampton, 1888. 17 sheets and index sheet.

DE28 Dorchester and Weymouth: [Ordnance Survey of Dorchester and Weymouth].



The first large-scale map of Dorsetshire was both surveyed and engraved by Isaac Taylor and published in 1765. It is embellished with six views of local antiquities. (By courtesy of the British Library).

Scale 1 inch = 1 mile Southampton, 1899

DE29 Poole: [Ordnance Plan of the Town and County of Poole]. Scale 10.56 feet = 1 mile

Southampton, 1888. 14 sheets.

DE30 Sherborne: [Ordnance Plan of the Town of Sherborne].

10.56 feet = 1 mile

Southampton, 1887. 13 sheets and index sheet.

DE31 Weymouth: [Ordnance Plan of the Town of Weymouth].

Scale 6 inches = 1 mile

Southampton, 1866. 13 sheets and title.

DE32 *ibid*.: [Ordnance Survey of Weymouth].

1 inch = 1 mile

Southampton, 1899.

ROGER MASON



Manuscript chart of Aboukir Bay with the dispositions at the Battle of the Nile. A contemporary French pin-hole MS in ink and coloured washes on a scale of c.1:50,000; $15\frac{1}{9}$ x 20"; in gnarled condition. The survey was probably executed soon after Napoleon had landed at Alexandria on 1st July 1798. Neither fleet possessed a local chart, but Napoleon had brought a corps of engineers and Brueys had ordered Capt. Barre and Lt Vidal to survey the coast. The French line of battle is drawn correctly but several British ships are mis-placed. The Culloden, stranded on what is now known as Culloden Reef, is drawn two miles too far to the south. Although it presents a contemporary picture of one of the greatest battles in the history of the Royal Navy, and the most complete victory of the Navy's greatest commander, perhaps the most interesting feature of this chart is the apparent attempt by the draughtsman to suggest that the French commanders were not as inactive and inept as they seemed. In the period following the revolution officers had to justify themselves in defeat lest they suffer disgrace or dismissal. It is possibly against this background that a frigate and a bomb vessel have been inserted ahead of the

French van, to suggest that precautions against Nelson doubling the line had in fact been taken. Perhaps most important are the proposal that the squadron should anchor in a line N.E.-S.W. against the shoals of Aboukir Island, and the note against the battery that 24 canons would enfilade the line's northern flank. This plan is attributed to Capt. du Petit-Thouars who, having died in the battle, would not have been able to confirm or deny it. The battery in fact comprised four guns and a mortar.

If this chart is an effort to avoid culpability a date of early 1799 is appropriate; this would accord with the confused order of Nelson's fleet, and with the misapprehension that the Culloden was the "premier vaisseau Anglois", leading the in-shore squadron. The other date on the chart refers to the camp of the Legion Nautique, established in brumaire an.7e; this would certainly have moved when Mustapha Bey occupied the Aboukir peninsula in July 1799. Of one thing there can be no doubt, "Almighty God has blessed His Majesty's Arms in the late battle by a great victory over the Fleet of the enemy, who I attacked at sunset on the 1st of August, off the mouth of the Nile".

Fine maps of all periods.

Organiser of Antiquarian Map and Print Fairs at the Bonnington Hotel, London.

States of Uncertainty: A Cartobibliographical Conundrum

by Francis Herbert (Royal Geographical Society Map Room, London)

This article and the fuller cartobibliography (to be published elsewhere) was sparked off by the author reading 'The Northpart of America' by Coolie Verner and Basil Stuart Stubbs (Academic Press Canada, 1979). He noticed that in a listing of maps of the Arctic by the Arrowsmiths two quite distinct editions owned by the Royal Geographical Society were not mentioned. This started a line of investigation which led to Canada and other parts of the world and fresh information kept emerging.

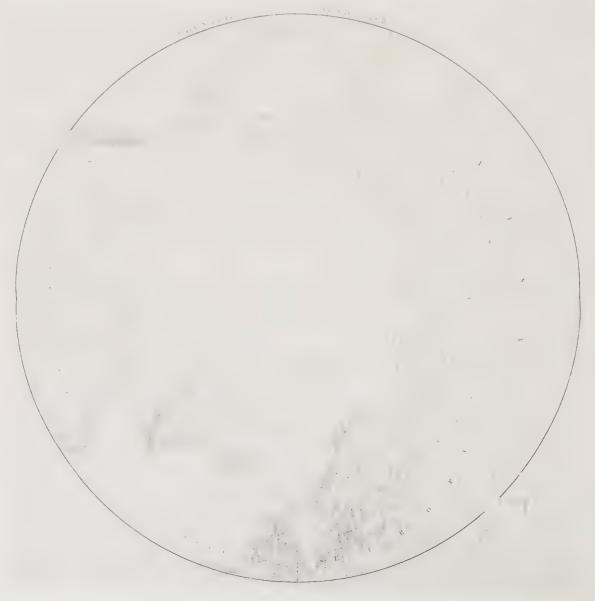
THERE ARE AT least nine known 'editions' of Christopher Saxton's atlas of county maps of England and Wales from 1579 until as late as c.1772. Brian Hooker has listed twenty-seven states of James Wyld's 'Chart of New Zealand' ranging from 1834 to about 1870. The Arctic provides a hitherto unsuspected example of another map that both survived a long time and went through numerous states.

During 1818, for instance, at least seven different maps of the Arctic were issued by London publishers.³ John Barrow, as Second Secretary to the Admiralty, was a key figure behind this

unusual concentration of interest in a single region. It was he who inspired renewed British efforts to test the feasibility of short-cut routes across the Arctic and to continue the search for a northwest passage in particular. Aaron Arrowsmith's 'Map of the countries round the North Pole' of February 1 was the earliest of this 1818 group. It is remarkable that during the ensuing 110 years some thirty-eight states and variants were issued by members of his family firm and later by that of Edward Stanford.⁴

The following states and variant forms have so far been identified:

1818	1878
1824 [i.e. 1827]	1878 (for The two voyages in
1838	the "Pandora" in 1875 and
1850	1876 by Allen Young
1850 [i.e. 1851]	(London: Stanford, 1879)
1852 (2 states)	[1887]
1853	[1893]





Photographic 'carte-de-visite' of Edward Stanford jr (1856-1917) aged about 22 By courtesy of the Map Room, Royal Geographical Society, London).

Below left:

The original 'Map of the countries round he North Pole' was engraved by Sidney Hall and published by A. Arrowsmith n London, February 1, 1818 (60 cm diameter). Subsequent states were issued by Aaron Arrowsmith jr, Samuel Arrowsmith and John Arrowsmith up to 1859 (By courtesy of the Map Library, British Library).

Right:

The Athenaeum no. 2483, May 29, 1875 advertised 'Stanford's map of the countries ound the North Pole' which was issued n various forms to at least 1928. The advertisement incorporates part of a review aken from Nature describing one of the earliest of the five states with the identical mprint date of April 19, 1875 (By courtesy of the British Library).

1854 [1894] 1859 (2 states) [1895] 1875 (5 states – all with [1896] [1901] identical date) 1903

1875] (for Yachting in the 1907 Arctic seas by James 1909 (for The North Pole by Lamont (London: Chatto & Windus,

1876))

[1910] 1876 1910 1914

1925

1928

Peary Robert E.

Hodder & (London: Stoughton)

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The SATURDAY REVIEW finishes a very favourable review by

The SATURDAY REVIEW finishes a very favourable review by saying,-

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Other evidence would indicate that these thirty-four certain states should be boosted by at least four further states, even though none of these has been positively identified and located as yet. Firstly the wording, 'Additions to 1819, 1824', on the 1824 state implies a state of 1819⁵; this can be seen incompletely erased on states up to 1859. Secondly, the alteration of the imprint date to '1824' presumably occurred in that year, yet the only copy so far discovered shows exploration up to 1826, news of which did not reach London until September 1827.

Thirdly, Coolie Verner's reference to a state of 1835, likewise unlocatable, seems likely given the amount of new discovery in North America and Novaya Zemlya between the states of 1824 and 1838. The last of the hypothetical states would be later than any yet seen. An annotated copy of List of maps and books published by Edward Stanford Ltd (1939) in the library of George Philip and Son Ltd. makes apparent reference to a revised state of 1937. While it is possible that further states will eventually be found, it is unlikely that any will belong to the period after the firm was bought by George Philip and Son Ltd in 1946.

It is not surprising, given the length of life of the plate and the variety of uses to which it was put, that the title changed several times:

'Map of the countries round the North Pole' (1818-1859)

'Stanford's map of the countries round the North Pole' (1875 and 1876)

'A map of the north polar region' (1875 in 1876 book)

'The countries round the North Pole' (1878, and 1878 in 1879 book)

'Map of the countries round the North Pole' (1887-1901)

'The Arctic regions' (1903-1909, and 1910-1928)

'Map of the Arctic regions shewing Commander Peary's route to the North Pole' (1910 book).

The Arrowsmith-Stanford map was always issued as a flat, separate sheet, except for the 1875, 1878 and 1910 book illustrations noted above.

After Stanford had taken over the plate in 1874 the map was also published in dissected form, mounted and folded, with a label on the cover. Although it usually appeared as plate 4 in *Stanford's London atlas of universal geography . . . folio edition* from 1887 onwards, it had not formed an integral part of John Arrowsmith's forerunner to that work, issued with a similar title. The Arctic map's connection with the Stanford atlas was spelled out from 1893 in the additional wording below the bottom left-hand border, 'London Atlas Series.'

The original circular map of 1818, oriented with British Isles at the bottom, was engraved on copper by Sidney Hall, but his name was removed from the plate after John Arrowsmith

bought his cousin Samuel's property in 1839. It was only after John Arrowsmith acquired the plate that the hand-colouring, used to distinguish the three continents involved, became standardized. Europe was tinted pink up to 1838 and light orange from 1850; North America, originally lime or blue, became pink from 1850; and Asia, alternatively yellow or light orange in the early instances, became consistently yellow from 1850.

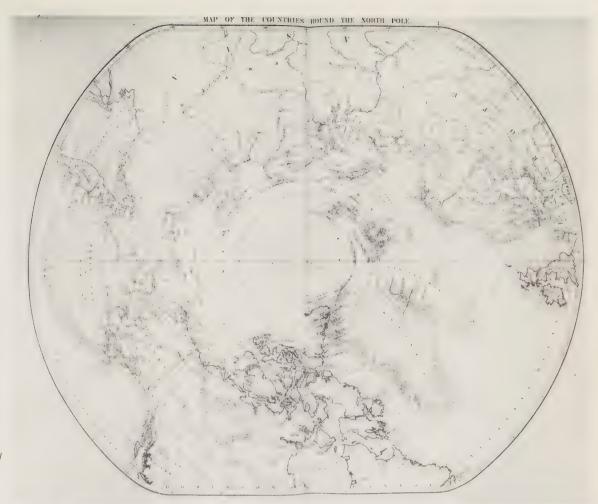
John Arrowsmith died in 1873 and Edward Stanford purchased his material in July of the following year. Shortly afterwards Stanford had the Arctic map transferred to lithographic stones, this time adding oceanographic colouring to complement the more refined treatment of political boundaries. 'Open water' in dark blue was now contrasted with the light blue of 'Sea usually occupied by Pack Ice'. A further addition was a separate red overprint setting out the names and dated discoveries of 'Arctic Worthies' from 1497 to 1873. This feature appears on all subsequent states, although it was re-engraved three times in 1887, 1895 and 1925. Keeping this overprint up to date, too, must have been a daunting task. Differences to the information it contains allow five states of April 19, 1875 to be distinguished, yet these must all belong to the eighteen months period before the imprint was altered to November 6, 1876.

Towards the end of 1884, Stanford had the map redesigned. North America was moved down the sheet – a way both of emphasising the Canadian section where most discoveries were occurring and of responding to the demands of English-speaking purchasers. At the same time, the upper and lower borders were straightened out and all the oceans tinted light blue.

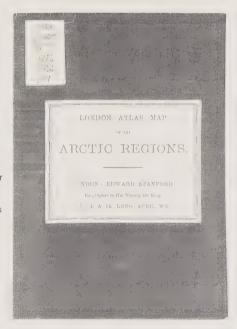
The concentration of eight states in the 1850s bears witness to the search expeditions – both governmental and privately

This detail of North America and the Pole is taken from the 1910 state of 'The Arctic regions' in *Stanford's London Atlas . . . folio edition* (1904, [i.e. 1914 issue]). A scale statement of 1:14 636 160 appeared on states of 1903 onwards (By courtesy of the author. Photo John Freeman & Co.).





Right above: Apart from the 1910 state used for Peary's book The North Pole (London edition), this 'Map of the countries round the North Pole' was the reorientated and re-shaped version issued from 1887 onwards (51 × 61cm). Its earliest appearance was as plate 4 in the first edition of Stanford's London Atlas of Universal Geography, . . . folio edition (By courtesy of the Map Library, British Library).



Right below: This example of 'The Arctic regions' map (1914 state), dissected and folded to $c.18 \times 12$ cm. is mounted on cloth and board and bears the cover label 'London Atlas map of the Arctic regions'. The designation 'London Atlas Series' was applied to states of 1893 onwards and the Long Acre address from December 1900 (By courtesy of the Dartmouth College Library Map Collection, Dartmouth College,

Hanover, New Hampshire).

sponsored – sent out after the disappearance of Sir John Franklin's expedition of 1845-7. The 1870s-1890s was another time of heightened activity in the Arctic (fourteen states). In the period leading up to the First World War there were many further discoveries which prompted corrections to the outline and internal detail of the Canadian Arctic, Greenland and Svalbard (Spitsbergen). However, such was the Arrowsmiths' and Stanford's alacrity – or just plain carelessness – in altering the plate to accommodate newly-received information, that the map's imprint date was frequently misleading. Some of the geographical changes distinguishing one state with identical imprint from another (1875, for example) can take considerable time to verify.

Here, I feel I must crystallize some thoughts on the general problem. In the past explorers set out in a state of uncertainty, and cartographers delineated areas of uncertainty by means of dotted or pecked lines. Today's collectors are presumably uncertain, as I am, how many states of this particular Arrowsmith-Stanford Arctic map remain to be discovered and described – and (perhaps?) disseminated in the form of a portfolio of facsimiles.⁶ Any further information which readers could supply would be welcomed.

References

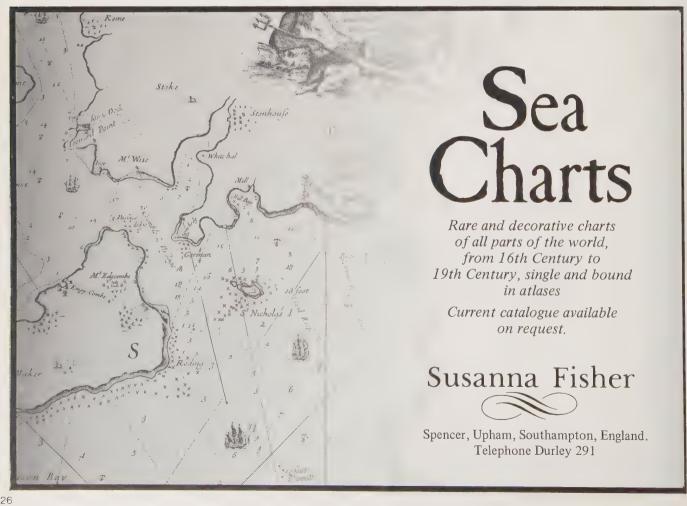
- 1 David Kingsley, *Printed Maps of Sussex 1575-1900* (Lewes: Sussex Record Society, 1982), pp. 8-11.
- 2 Brian Hooker, 'Some preliminary notes on the original and revised issues of the McDonnell-Wyld 1834 chart of New Zealand', *The Turnbull Library Record*, 16 (1983), 111-25.
- 3 1 February: 'Map of the countries round the North Pole' (engraved by S. Hall, published by A. Arrowsmith).
- 14 February: untitled map of the north polar regions (Capt. T. Hurd, Hydrographical Office, Admiralty).
- **2 March:** Map of the countries round the North Pole . . . '(engraved by J. Smith for the new edition of *The possibility of approaching the North Pole asserted*' by D. Barrington, published by T. & J. Allman).
- asserted' by D. Barrington, published by T. & J. Allman).

 24 March: 'A map of the North Polar regions . . .' (engraved by Neele and Son, for the compiler and publisher, Lt. H. M. Leake).
- 13 April: Map of the countries round the North Pole (engraved by [James] Gardner [Senior], published by C. Smith).
- 20 May: 'Map of the countries round the North Pole' (drawn by J. Wyld, lithographed in the Quarter Master General's Office). With six pages of accompanying text 'Voyages that have been attempted to discover a Northern Passage to the Pacific Ocean' (Information regarding text kindly provided by Margaret Wilkes, National; Library of Scotland).
- **20 October:** 'Map of the Arctic Regions' (engraved by J. Walker, for A Chronological history of voyages into the Arctic regions undertaken chiefly for the purpose of discovering a North-east, North-west, or Polar passage between the Atlantic and Pacific . . . 'by J. Barrow, published by J. Murray).
- **4** The full cartobibliography with descriptions and locations will appear in a forthcoming issue of a Canadian cartographic journal.
- 5 Coolie Verner, 'Explorers' maps of the Canadian Arctic 1818-1860', Cartographica, monograph no. 6 (1972), p. 4.
- 6 There are at least three states of the Admiralty Hydrographical Office chart of the North Pole region with the identical 14 February 1818 imprint. Is anybody willing to investigate this?

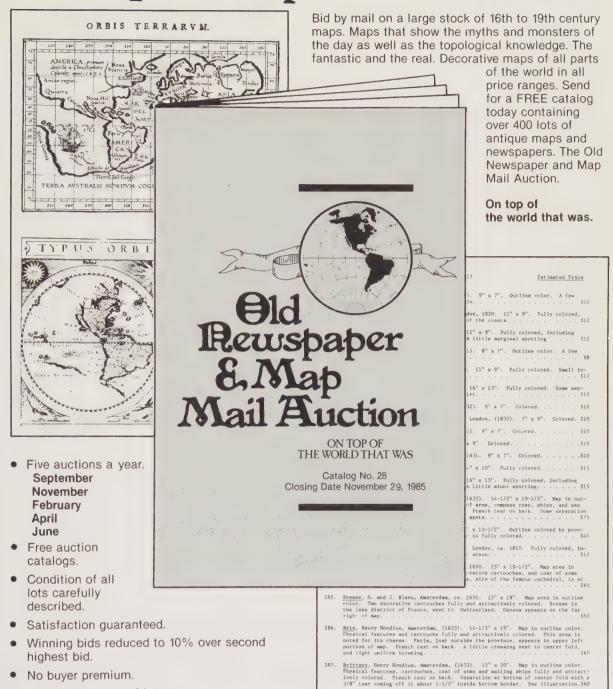
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Mount Etna and the Distorted Shape of Sicily on Early Maps

by R. W. Bremner

MAPS, BOTH OLD AND NEW, have always held a fascination for me, but it was only some five years ago, that I started to collect those of Sicily. You may well ask, why should an Englishman, living in Portugal, be interested in Sicily? The main reason was that by chance the same shop in Lisbon had two maps of the island, by Mercator and Blaeu, and the price was not too unreasonable. Also, Sicily is an attractive shape and, as a bonus, has a volcano!

My collection has grown considerably since then, although there are still many gaps, which I am slowly trying to fill. Recently, however, my interest has turned more to the study of the maps themselves, and in particular the very earliest ones. These are highly distorted even though it might have been supposed that the island would have been well known and mapped, being at the centre of the ancient world and the home of Dicaearcus of Messina. He was a pupil of Aristotle and seems to have initiated a more scientific approach to cartography by drawing a line from west to east through Gibraltar and Rhodes to Persia. After several years study, which has led me into many different fields, such as ancient history, magnetism, model-making, astronomy and navigation, I believe I have found the answer to this paradox in the apparent ease with which the island could be surveyed, simply by climbing Mount Etna.

I have demonstrated elsewhere² that the shape of Sicily, as shown in the printed editions of Ptolemy, represented the apparent outline of the island as seen from Mount Etna. Due to

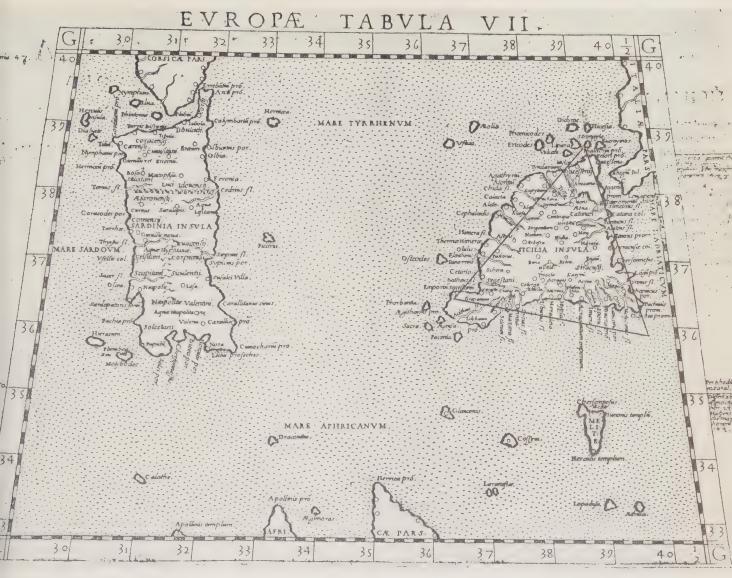
the distances involved, it was impossible for the observer to distinguish between the true coastline, when he could see it, and the line of the intervening mountain ridge projected onto the sea. This resulted in some of the hill tops being displaced far from their true positions in a similar way to that which occurs in aerial photography to all features which are not immediately below the camera and not exactly in the plane of the land

Because of the curvature of the earth and the distances involved, some features, relatively low and far away, will appear nearer than others which are relatively high and near. As the observer climbs, the relatively low but distant features will apparently move further away, whereas the relatively high features nearby will seem to come closer. This means that the observer, as he climbs, does not get a better but a different view of the island and this may have given rise to different versions of the Ptolemaic outline, depending on the height of the observer.

The principal characteristics of the Ptolemaic map of Sicily are the convex north-west coast, the absence of any range of hills except those near the town of Enna – the others having been mistaken for the coastline – and the anti-clockwise twist given to the island. Another form of the outline of Sicily first appears in print in Münster's *Cosmographia* (c. 1550), with a slightly different version illustrating the modern section of the 1561 edition of Ptolemy. Its main characteristics are a concave north-west coast and an even more exaggerated twisting. It was drawn, I believe, by some method which effectively measured

Mount Etna as it appears to visitors today.





he problem of mapping Sicily by combining a view from Mt Etna with knowledge of the coastline led to inconsistencies among ancient cartographers and istorians. In this example, the dimensions recorded by Scylax in 350 BC are superimposed on the map of Sicily in Ptolemy's Geographia of 1561.

he bearing and distance to points on the apparent outline. This ould most easily have been achieved by plane-tabling, although other more laborious methods may have been used. Again, if he observer could not distinguish between the real coastline and intervening hills projected onto the sea, he would have neasured either the distance to the true coastline, when he ould see it, or the distance to the hills.

The ancient authors all describe Sicily as triangular, hence its same of Trinacria or three-caped, first recorded in Thucydides who was writing about 430 BC. In reality, it is more of a runcated triangle with a definite west coast.

Dimensions of the island given by various authors:

			Authority	Length of Coasts					
Author	Date		quoted	Date	N.W. S.		E.	Total	
cylax		350 BC	· -		1500	1500	1500	(4500)	stadia ³
Diodorus		20 BC	Timaeus	300 BC	1700	1500	1140	4360	stadia4
trabo	AD	20	Poscidonus	60 BC	1720	(1550)	1130	4400	stadia ⁵
liny	AD	70	Agrippa	AD 10	142	200	186	528	mites6
m., 4 b	AT	150	Timerathonon	260 P.C	1700	1600	1360	(4660)	etadia7

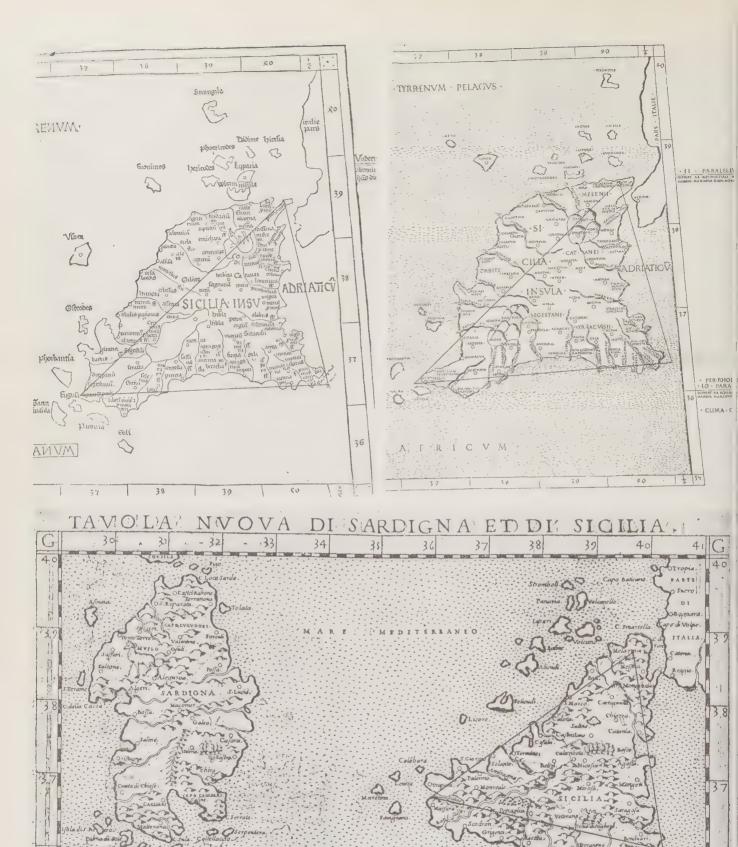
Taking 10 stadia to the mile and 50 miles to each degree, as used by Ptolemy, it is a simple matter firstly to convert the distances given by the ancient authors to degrees and then to uperimpose the triangular figures onto the maps according to the stated measurements. Obviously, none of these triangles wear much relation to the true shape of Sicily, but the information given by the first three authors does seem to fit the tersions of Ptolemy's map in the 1561 Venice, 1478 Rome and 482 Ulm editions, which I believe were drawn from 2600, 2900 and 3200 metres on Mount Etna respectively. It is perhaps just coincidence that this chronological sequence indicates

observations taken at steadily increasing heights.

Pliny's data have been much discussed and most authorities have come to the conclusion that the figure of 142 miles for the north-west coast must be a mistake. Bearing in mind though that Pliny also gives the sum of the three lengths, there would have to be two errors. It seems possible that the figures themselves are correct but have been wrongly allocated and should refer to the east, south and north-west coasts. Certainly, a triangle with these dimensions corresponds to the shape of the map in Münster's *Cosmographia*, which unfortunately has no scale. However it is reasonable to assume the map covers 6° of latitude, from which one can obtain an estimate of the size of the degree and can again superimpose the triangular form indicated by Pliny. The shape indicated by Agathamere is significantly different and seems to conform to the 'modern' map in the 1561 edition of Ptolemy.

From this it can be seen that before the time of Thucydides¹⁰ a pictorial version of the Ptolemaic map of the island was in existence and that eighty years later, by 350 BC, a rudimentary idea of its size was known. By the time of Poseidonus, quoted by Strabo, the dimensions had been more exactly determined. In fact, to draw the Ptolemaic version of the island to scale would have required the calculation of the height of the observer and this would probably only have been possible after the time of Dicaearcus of Messina (c.300 BC). He is credited¹¹ with devising a method for determining the heights of mountains and this he would surely have applied to Mount Etna, the highest place in his world.

By the time of Agrippa, Pliny and Agathamere (if not

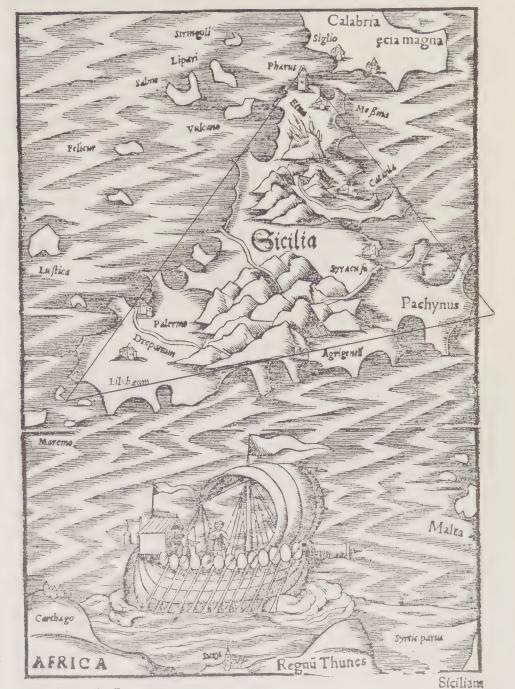


Top left:

Measurements given by Diodorus in 20 BC differ from those of Scylax and are here matched with the Sicily which appeared in the 1478 Rome edition of the Geographia.

De Italia 250 SICILIAE INSVLAE atque totius regni eius descriptio,

secundumuariam eius habitudinem.



Left:

The Sicily of the 1482 Ulm edition of the Geographia seems to be consistent with the measurements given by Strabo in 20 AD

Bottom left:

The dimensions of Sicily given by Agathamere in 150 AD are here superimposed on the 'modern' map in the 1561 edition of the Geographia

The data given by Pliny in 70 AD appear to be inaccurate, but some measurements may have been wrongly allocated. Once this is corrected, the dimensions fit. They are shown drawn on a map of the island from Sebastian Münster's Cosmographia.

Timosthenes) a different map must have existed, which was that later published by Münster and others. This resulted from a definite attempt to survey the island and to produce a map whose outline could not be confirmed by the naked eye. This marked a considerable step forward in mapmaking.

I should add that it is not possible to photograph the island today from Mount Etna because of volcanic dust and pollution and I had to calculate how the island would appear, using a small computer.

References

- 1 Leo Bagrow, History of Cartography, revised and enlarged by R. A. Skelton (London, 1964), p.33
- 2 Paper read at the 4th International Reunion for the History of Nautical

- Science and Hydrography, Lagos, Portugal, July 1983. (Awaiting
- 3 Karl Müller, Geographi Graeci Minores, 2 vols (Paris, 1855-61).
- 4 This total is 20 more than the sum of the three separate lengths. Diodorus of Sicily, *History*, translated by C. H. Oldfather (London: Heinemann; New York: Putnam, 1933-), book V. Loeb Classical Library.
- 5 Bracketed figures are those not actually stated. Strabo is not definite in his measurements and indicates for the east coast both 1120 and 1130 stadia. Strabo, Geography, translated by H. C. Hamilton and W. Falconer (London, 1903), book VI
- 6 Pliny, Natural History, translated by H. Rackham (London: Heinemann; Cambridge Mass.: Harvard University Press, 1938-). Loeb Classical Library.
- 7 Müller, op.cit.
- 8 I did not allow for the effect of refraction, hence these heights should be considered as relative indications only with the true figures perhaps 200/300
- 9 Biagio Pace, Arte e civiltà della Sicilia antica, 3, (Genoa, &c: Società Anonima Editrice Dante Alighieri, 1945), pp. 75-138.
- 10 Thucydides, translated by B. Jowett (Oxford, 1900), book VI, para. 2.

 11 Lloyd A. Brown, *The Story of Maps* (Boston, 1949), p.34.

Mount Etna

Test of different

Lloyd A. Brown in The Story of Maps, page 284, says European geographers in 1885 were using no less than 1148 different conventional signs. Among them was one for volcanoes, but it cannot have been common and I have certainly never seen it used. Generally, the representation of volcanoes has been left to the discretion of the mapmaker and it is interesting to see some of the many different styles which have been used over the last five hundred years.

The examples illustrated here all show Mount Etna and most, although of considerable charm, do not call for any special comment.

Generally collectors recognise the work of the various mapmakers by an instinctive process, which takes into account the combination of type of paper, overall design and layout, style of decoration and engraving, etc. It is rather more difficult to determine the author if one can only see a small area of the map.

However, this difficulty is less if there is only a limited number of names from which to choose. Test your knowledge of different mapmakers by allocating to each illustration the cartographer and title of each respective map, taken from the list given here. The correct listing appears on page 56.



on Maps

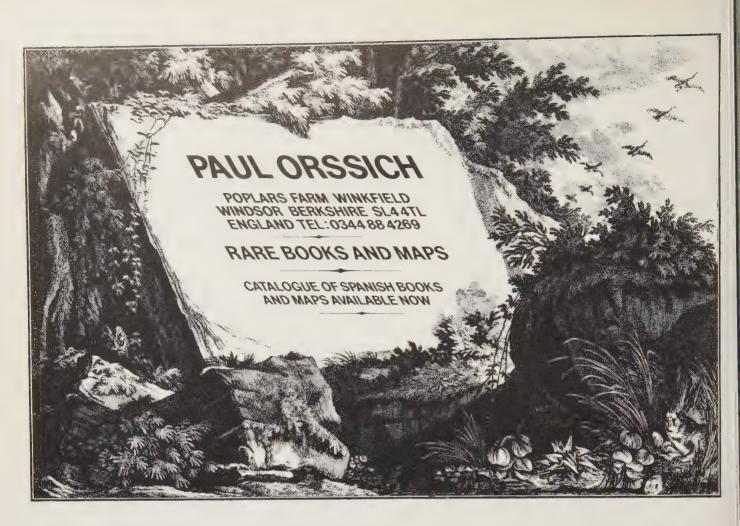
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Claudius Ptolemy. 'Tabula Sete.' *Cosmographia*. [1477] Claudius Ptolemy. 'Tabula Septima de Europa.' *Geographia*. [1482] Claudius Ptolemy. 'Tabula VII Euro.' *Geographia*. [1525] Benedetto Bordone. 'Sicilia Secondo Tolemeo.' *Isolario*. [1534] Benedetto Bordone. 'Sicilia Secondo Moderni. *Isolario*. [1534]

D. Macpherson. 'Sicilia. Provincia Romanorum . . .' 1807

John Cary, 'Sicily,' [1819] SDUK. 'Ancient Italy Part III and Sicily'. [1829] Hachette. 'Italie Meridionale.' [1895] Vicenzo Maria Coronelli. 'Trinacria boggidi Sicilia . . .' [1696]









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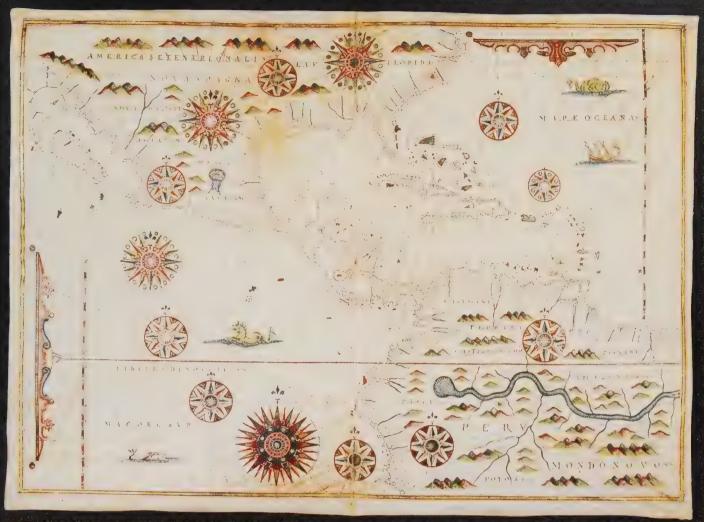
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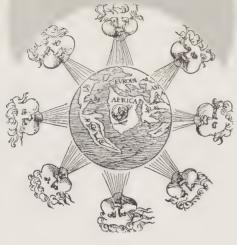
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Spotlight



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The Cook Pacific Chart. (By courtesy of Christie's)

A discovery anticipated

THE MAP ILLUSTRATED here was produced by Jodocus Hondius Junior in 1617, and is the unique known copy of the oldest identified map of the British Isles to display the contrasting borders of costume figures and town plans so beloved of the early seventeenth century Dutch. The existence of a version complete with panels was anticipated when a cut-down copy was described in Robert Douwma's Catalogue 22 (1979), no.21. (That example is now on display in the British Library's 'Mirror of the World' exhibition). It was not uncommon for the decorative borders to be trimmed from the plate so that the map would fit one of the standard atlases. The 1617 map would end up in the 1631 Mercator-Hondius atlas with its side panels and author's name removed, and an identical fate awaited a second bordered map produced by Jodocus Hondius about 1625 (of which only one copy is known). That would later be absorbed into the Blaeu atlas.

By analogy with other bordered maps of the British Isles – for example, C.J. Visscher's of c. 1623 and Pieter Verbist's of 1629, a copy of which has recently been acquired by the British Library – the missing town plan in the top border was probably Canterbury. Enough remains of the damaged panel to its right to identify it as Cambridge.

Further Reading

Shirley, Rodney W. Early Printed Maps of the British Isles 1477-1650: a Bibliography, 5 parts (London: Map Collectors' Circle, 1973-74), nos 384, 390, 410, 411, 435; plates 66, 74, 75. (By courtesy of the Magna Gallery. Photo by B. Harris.)

A Cook Mystery Solved

A RECENT ACQUISITION by the Map Library of the British Library resolves a long-standing confusion about different versions of Captain Cook's North Pacific chart and explains why a commercial publisher, William Faden, could issue a version more elaborate than that in the authorized atlas

The ships of Cook's third and final Pacific expedition returned to London in 1780, yet it was not until 1784 that the narrative of the voyage was finally published. Its three text volumes included a number of charts but the two largest were issued in a separate folio atlas, along with views and ethnographic studies. The folding charts cover the world and North Pacific respectively. From contemporary correspondence in the British Library (Egerton MS 2180), analysed by Dr. Helen Wallis, it is clear that the passage of the North Pacific chart from fair drawing to finished engraving was far from smooth. Indeed, the letters talk of two rival versions. Historians could only speculate as to the appearance of the unsuccessful form until an example was auctioneed by Christies on 17 April 1985, in conjunction with a collection of the atlas engravings in their pre-publication proof forms.

Cook's death at Hawaii in 1779 left to others the task of editing his charts and journals for publication. Disputes, especially those involving the content of the folding charts, divided the protagonists into two camps. Ranged on one side was Cook's long-standing rival Alexander Dalrymple, supported by Sir Joseph Banks; on the other Henry Roberts, master's mate on the Resolution and compiler of the charts in question, Captain James King, responsible for draughting the journal entries after Cook's death, and Canon John Douglas, the (anonymous) overall editor. A letter from King to Douglas in December 1783 described how Dalrymple and Banks were 'determined to have their Polar map and not mine'. Both sides vied for the ear of the First Lord of the Admiralty; in the end, King's (more properly Roberts') chart (engraved by W. Palmer) was suppressed and another version (engraved by T. Harmar) prepared for the atlas in its stead. Speculation as to the fate of the rejected chart supposed either that the plate had been melted down or that it was to be identified with a far smaller chart illustrating the supplement to Thomas Pennant's Arctic Zoology (1787).

It can now be confirmed that the suppressed chart and one published by William Faden are one and the same. Completed as early as July 1783 (as we know from the letters) Roberts' original version was transferred to Faden, who issued it in July 1784, a month after the atlas was published. Apart from its absent imprint, the British Library's newly acquired chart is identical to the Faden form, whose claim to have been prepared 'under the immediate Inspection of Capt Cook' can now be substantiated. Both versions are concerned with the Alaskan coastline and Bering Strait, whose complexities only became know through Cook's exploration in 1778. Yet the rejected Roberts-Faden chart includes a number of Alaskan place-names not found on the authorized version, among them strangely, Snug Corner Cove, subject of a separate engraving in the atlas. The more obvious addition is the interior detail for North America, though 'note proper' by the Banks-Dalrymple faction and intentionally omitted from their version. The Roberts chart, by contrast, is the first published map to show the results of Samuel Hearne's epic journey through northern Canada to the sea in

Appropriately, the unique identified example of Roberts' chart in its original form has now been reunited after two centuries with Banks' own copy of the atlas in the British Library (X.C.180.h.11.), which contains a complementary set of proof engravings and the officially approved form of the North Pacific chart.

References:

- Helen Wallis, 'Publication of Cook's Journals: See New Sources and Assessments', Pacific Studies 1 (1978), 163-94.
- Coolie Verner and Basil Stuart-Stubbs, The Northpart of America (Academic Press Canada Limited, 1979), pp. 108-11.

(Note by Tony Campbell)

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Jodocus Hondius, Creator of the Decorative Map Border

by Günter Schilder

OVER THE YEARS, artistic styles on maps have changed considerably. They have been affected by new scientific advances and new mapmaking techniques and it is possible to

distinguish various stylistic periods.

One of these occurred towards the end of the sixteenth century, when the enthusiasm of the Flemish and Dutch engravers set an example to other Europeans, particularly in the area of decoration on map borders. The initiator of this new style was the well known Flemish engraver, Jodocus Hondius (1563-1612), who left Ghent in 1583 to seek religious liberty in London. Initially, he earned a living as a stamp-cutter (engraver of dies), with portrait engraving, book illustration and map engraving as sidelines. Hondius possessed some important qualities for a map engraver – he had a gift for mathematics, geography and astronomy combined with an artistic bent and a keen business instinct.

His earliest, although undated, work was the engraving of three charts for the *Mariners Mirrour* in about 1588. These were for an adapted version of Lucas Janszoon Waghenaer's *Spieghel der Zeevaerdt* by Anthony Ashley. But his first dated engravings were a small oval world map, a map of America, and Talbot's Rose, all dated 1589. (NB: Talbot's Rose is a record of Knights of the Garter, 1486-1589 see plate 102 in A. Hind, *Engraving in England*). The America map is only recorded in a re-issue by Jean le Clerc of 1602. In the 1590's, Hondius engraved three small maps of England, France and the Low Countries, all with beautifully ornamented borders, which are the subject of this article. They represent the earliest example of maps with figures used as border decoration', an art form which came to maturity in the seventeenth century.

The oldest of the three maps is one of England, Wales and Ireland (150 x 210mm, 5¾ x 8¼in) entitled 'Typus Angliae' which has the imprint: 'Iodocus Hondius fecit Anno 1590'. ¹ This is based on Christopher Saxton's map of England and Wales (1579) but Ireland still has the coarse outline of an earlier map by Abraham Ortelius (1570). A large part of Scotland is lost under the portrait of Elizabeth I⁵ whose virtues are praised in biblical texts in one of the cartouches, while the country's prosperity is lauded in another. The map is appropriately

adorned with Tudor roses.

A fragment of this small map made history when it was found, pulped together with many other prints, in a shelter on Nova Zemlya. In 1871 the Norwegian captain, E. Karlsen, found a bundle of prints and maps which had been left by Willem Barentsz in 1596. They had been used for barter with the 'savages' during Barentsz' third attempt to discover a north-east passage. The restoration department of the Rijksmuseum in Amsterdam did a wonderful job on the finds and many of them have been restored to their former glory. The fragment illustrated in this article was found by an Englishman, C.L.W. Gardiner, who visited the same hut a few years later and found more material. It is amazing to think that it had withstood the arctic climate for 280 years in a small wooden hut built by Barentsz' crew.

Hondius' map served as the model for another vary rare map of England which was published in Cologne by Peter Overradt and engraved by Conrad Goltzius. Instead of Hondius' imprint it has the words 'Jodocus Hondius figuravit' and, with the exception of the two cartouches, the border decoration has been reversed.*

The second map is of France entitled 'Gallia' (260 x 300mm, 10½ x 11½in) and is dedicated to the French ambassador to the Protestant court of Elizabeth. It is signed by Hondius, 'Jodocus Hondius Fland. Anno 1591' and the border decoration depicts a remarkable piece of history and religious bloodshed. In 1589, bonfires had been lit outside the walls of Paris by the 'guisards'



to celebrate the death of Henry III. He had been murdered by a dominican monk in revenge for the killing of Henri Duc de Guise and his brother Cardinal Louis de Guise. In 1591, the date of the map, the Protestant Henri of Navarre was waiting to be crowned King of France, but it was not until February 1594, that the coronation eventually took place in the cathedral of Amiens with a mass to follow a month later in Notre Dame. The illustrations on the Hondius map forecast the ceremony though not its Catholic nature. The central medallion contains the portrait of Henri IV and a divine hand holds the crown on his head. On the left is the 'third angel' (Revelations 16.5) who is trampling on 'Tyranni' (a reference to Henry III, known to the French as the 'tyrant'). On the right, 'Veritas' or truth is represented by another angel who is crushing the root of all evil. The four snakes wearing respectively the papal tiara, the episcopal mitre, the cardinal's hat and an abbot's bonnet, are all symbols of conspiracy, taken from the Lutheran New Testament. This map decoration would certainly have been condemned by the Catholic convert, Henri IV!

The forceful personality of the king, his wit and willpower, and his enthusiasm to restore his country's economy and agriculture are represented in the border by figures of the nobility, the urban bourgeois and peasants, and also the symbols of military trade, science, music, the arts, and agriculture.

The third map, also engraved by Hondius while he was in London, is of the Seventeen Provinces (the Low Countries) (160 x 215mm, 6½ x 8½in). The last no date or title but obviously originates from about the same year as the map of England with which it has much in common. Hondius' signature appears in the lower border which also contains figures from folklore and other objects. The medallions at the top of the map are of the nobility and those at the bottom show a Dutch merchant and a young lady with a lace-making pillow. Between these figures to



A portrait of Jodocus Hondius (1563-1612) taken from the Mercator-Hondius atlas of 1606. (By courtesy of the University Library, Amsterdam)

Above:

A map of England, Wales and Ireland, dated 1590, by Hondius. A cartouche under Ireland contains the dedication to Robert, Earl of Essex. The two figures either side of Elizabeth I are nobility and the two at the bottom are citizens of London. The objects in between all symbolise the country's economic wealth. Hondius' imprint is at top right. (By courtesy of the British Library, London)

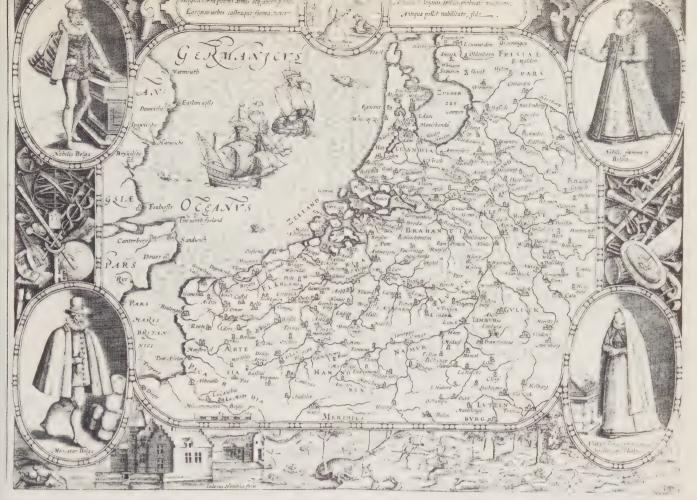
Below:

A fragment of the 1590 map by Hondius which was found after 280 years in a hut on Nova Zemlya. It had been used by Willem Barentsz as barter with the 'savages' during his third attempt to discover a North East Passage. (By courtesy of the Rijksmuseum, Amsterdam)









The 1590 map by Hondius was copied by Peter Overradt in about 1600. Instead of the Hondius imprint it now says Jodocus Hondius figuravit' and the only other difference is that all the figures and symbols are reversed. (By courtesy of the Staatsarchiv, Nuremberg)

Another map engraved by Hondius while he was staying in London. It shows the Seventeen Provinces. No date is shown but it was probably engraved about the same year as the map of England, Wales and Ireland. Hondius' imprint appears along the lower border. (By courtesy of the University Library, Amsterdam) Left below

A map of France engraved by Hondius in 1591. It is dedicated to the French ambassador to the Protestant court of Elizabeth. Hondius' name is in the title cartouche under the map. (By courtesy of the British Library)

the left, trade, science and the arts are symbolised and, to the right, war and engineering. In the upper border a kneeling woman 'Belgia' is praying to Jehova for peace in front of a burning city and scenes of murder and war illustrating the dark times - 'Post tenebras spero lucem' (after darkness I hope for light). Either side of this scene are lines of text praising the Netherlands. Gerard Mercator's design for his map of the Netherlands of 1585 served as the model for this map.

These three early maps by Hondius were forerunners of a new type of border decoration for single maps. However, the pictures took up a lot of space and maps in atlases could not as a rule afford the luxury. Consequently, any illustrative information had to fight for space within the map itself. Braun and Hogenberg in their Civitates Orbis Terrarum of 1572, issued in Cologne, had combined figures with city views and it is possible that this served as an example to Hondius.

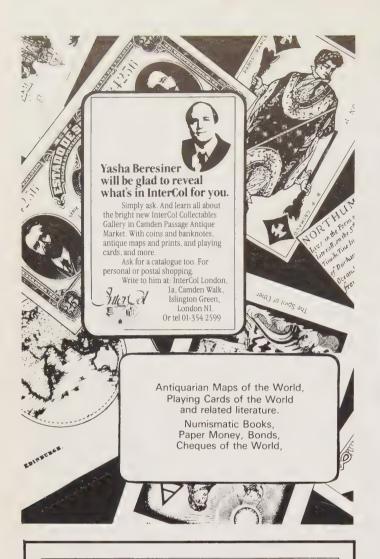
It is interesting that the birth of this new type of map happened in London. After Hondius and his brother-in-law, Pieter van den Keere, had returned to Amsterdam, they engraved a wall map of Europe on fifteen sheets which had a richly decorated border. When issued in 1595 this heralded a new era in Dutch cartography." The attractive designs were quickly copied by other Amsterdam engravers and publishers with Willem Janszoon Blaeu in the lead. To the vignettes were added town views, city plans and a wealth of other themes.

Further development of this new style meant that the decoration on the map began to dominate the geographical contents. Eventually, some lost their reliability altogether and became obsolete. It is evident, however, that the art of both mapmaking and decoration have their own special character and before long this short but glorious love affair came to its logical conclusion - each went its own way. Happily, the artistic element

never disappeared but went on to characterize future Dutch mapmaking.

References

- 1 For the development of this subject see the study by M. Simon, Claes Jansz. Visscher (Freiburg, 1958) pp.63ff.
- A summary of Hondius' separate published cartographic work is given in volume II of my Wall-maps of the 16th and 17th centuries (Amsterdam: N. Israel, 1978)
- A. M. Hind, Engraving in England in the sixteenth & seventeenth centuries, Part I, The Tudor Period (Cambridge, 1952) offers a short description of the map of England and France on page 166. The map of the Low Countries was unknown, until recently.
- Two copies are known. British Library, London, Maps 1175 (21); Bute Granger, vol. III, Huntington (quoted by Hind, op. cit.) R. W. Shirley, Early printed maps of the British Isles, 1477-1650 (London 1973)
- no. 159 and pl. 34.
- 'Restauratie, conservatie en onderzoek van de op Nova Zembla gevonden zestiende-eeuwse prenten', (Amsterdam, 1980) pp. 43-79 Bulletin van het Rijksmuseum, 28, 2
- Rijksmuseum Amsterdam, inv. no. NM 7745.
- 8 This is also a rare single-sheet map. Shirley, op. cit. no. 223 mentions two copies of which one was offered for sale by Weinreb & Douwma in 1970. I found a nice copy in the Staatsarchiv, Nuremberg (Nbg. Karten und Pläne und Karten) no. 1210.
- 9 To the only known copy quoted by Hind in the British Library, London, Maps 14280 (23), I can add the following copies in the Bibliothèque Nationale, Paris: Estampes, Hennin T 10 (982); Cartes et Plans, Res. Gr. Fol. La 25.6 (42v) and Lb 35.23 (1).
- The only known copy was found recently bound in Hadriani Ivnii Hornani, Medici, Batavia. Lvgdvni Batavorum, Ex officina Plantiniana, Apud Franciscum Raphelengium, 1588. Offered for sale by Nico Israel, Catalogue 15 (1974) no. 84 and acquired by the University Library of Amsterdam
- 11 Two copies are known. The copy preserved in the Havard College Library (Cambridge, Mass. USA) was reproduced by C. Koeman in full size as Supplement no. 5 of Imago Mundi (Amsterdam: N. Israel, 1967). I found another well-preserved copy, however without text borders, in the Staatsarchiv, Nuremberg.



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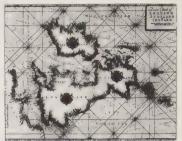


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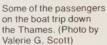
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'Captain' of the 9.30 cartographers' special from Charing Cross Pier down river to the National Maritime Museum at Greenwich. (Alias Rodney Shirley, President of IMCOS). (Photo by Valerie G. Scott)









The Duke of Abercorn (left) presenting the Tooley/ IMCOS award to Rodney Shirley for his work on Mapping of the World. (Photo by David Webb)



Pictured at the opening of the IMCOS map fair and exhibition at the Forum Hotel, London, are, from left to right: Malcolm Young, chairman of IMCOS, Themis Strongilos, a director of IMCOS, Faith Ashwood, Advertising Manager and Symposium Secretary, and Brigadier Gathercole of the Royal Geographical Society. (Photo by David Webb)



IMCOS Take to the Water

'THERE HAS BEEN a great upsurge of interest in map collecting over the past six or seven years and the International Map Collectors' Society has done a great deal to spread this interest,' said Brigadier Gathercole, the new Keeper of the Map Room and Deputy Director of the Royal Geographical Society, in his opening speech at the IMCOS annual map fair this June.

He also said that the fair was filling a need for the collector who owes a considerable debt of gratitude to the dealers and the committee of IMCOS who have set high standards.

Dealers, collectors and browsers packed the fair which was held at the Forum Hotel in London for the fifth year running. It attracted an increased number of visitors and more than thirty dealers from countries including England, the USA, the Netherlands, and Germany, who had display stands.

Malcolm Young, chairman of IMCOS, told *TMC* that this was the Society's most successful fair so far – an event which has now established itself as a 'must' for collectors and dealers from all over the world and which contributes to making London the centre of the map trade.

Running alongside the fair was an exhibition of portolan charts belonging to Clive Burden, a dealer from Rickmansworth, Herts. It included a chart of the Dutch East Indies by Blaeu dated 1672, thought to be the only surviving copy 'signed' by him in private hands, and an early chart of the Mediterranean by Nicholas Comberford dated 1626. Comberford was a chartmaker belonging to the Thames School and until this chart was found, the earliest known work by him was dated 1641. Visitors were also able to bring their maps in for valuation and identification. Rodney Shirley, the Society President, was in charge of this service which was used by more than 100 people.

The map fair was the culmination of a weekend of events organised by IMCOS for its members many of whom had travelled long distances to be there. The 'fun' began on Saturday morning, June 22, when more than eighty people gathered at Charing Cross Pier for a trip up the River Thames to the National Maritime Museum at Greenwich.

The morning had started well with shafts of sunlight breaking through the leaden London skies, and some very good advance publicity in several national newspapers including *The Times* collecting column.

'It is a good thing the river route from Charing Cross pier to Greenwich is just a matter of raising anchor and proceeding upstream,' wrote Sarah Jane Checkland in *The Times*, 'If the navigation was at all complicated the captain of today's 9.30 am special would be overwhelmed with advice. His passengers are members of the International Map Collectors' Society, hundreds of collectors from all over the world on their way to their annual symposium this year at the National Maritime Museum'. Another publication described it as the 'most important gathering of map collectors, dealers and academics worldwide.'

After landing, the party wended their way to the lecture hall at the Museum to be met by the Curator of Hydrography, Commander Christopher Terrell and his assistant, Jenny Wetton.

Valerie Scott, editor of *The Map Collector*, was the chairman and welcomed all the participants.

We are quite overwhelmed by the presentation of members from overseas day, she told the audience. 'They have come om as far away as Guatamala, Greece, eland, Nigeria and the Netherlands. We also awe with us Susan Gole from India who has ritten two books on the mapping of India and any members from across the Atlantic.' The Deputy Director of the Museum, (ir. Philip Annis, gave a welcome on behalf of reenwich and apologised for the fact that most the buildings were shrouded in polythene and affolding due to renovation work being arried out.

Two talks were given in the morning session, ne on the anatomy of the sea chart by hristopher Terrell and another by Susanna isher a dealer in charts from Southampton. For fuller details of these talks see *The Map collector*, Issue 31, June 1985). After lunch in the of the local hostelries everyone regrouped or a talk by Jenny Wetton on the Hydrographic ollections at the NMM after which there was a rivate viewing of some globes, charts and classes on display in the Hydrographic department.

On Saturday evening, the annual dinner was eld at the Royal Overseas League in St James' reet, London, with the guest speaker being e Duke of Abercorn, who is a director of the orthern Ireland Development Board and has een a member of the European Communities conomic and Social Committee and the ouncil of Europe. Malcolm Young, chairman f the Society, introducing the speaker, said that s family had been 'collectors and conservators books, paintings and works of art that help to ake up our heritage.' The Duke spoke about e ways in which maps had helped him in arious projects during his life including a onsortium in which he has been involved for e past two years which is drilling for gas and l in the north west carboniferous basin. 'Prior drilling, and when carrying out seismic esting, we soon realised that the map was one f the most useful tools in unravelling the eology of a country,' he said.

He then went on to explain that when he as a Member of Parliament, a map was dispensable and of particular importance to m since not only did he represent the most estwardly constituency in the United ingdom but this constituency had some sixty iles of border with the Irish Republic. lowever, he stressed that the problems of reland will not be solved by a remapping xercise and concluded by assuring the audience nat in spite of fifteen years of adverse media porting and community strife there were any positive factors which unite the Northern eland community. 'I believe that your nternational Society – although young in years at mature in talent – is an excellent example of contribution towards better understanding nd therefore I would like to congratulate the ounders for their vision and determination providing such an excellent forum for ommunication.' Themis Strongilos. presentative from Greece, thanked the Duke. Following the dinner a presentation was made Rodney Shirley, the Society's president for s contribution to cartography. This was the ird year the IMCOS/Tooley award had been resented. Previous winners were Valerie . Scott, editor of The Map Collector, and enneth Nebenzahl, organiser of the Kenneth ebenzahl lectures held annually in America. Announcing the award, Valerie Scott, nairman of the award committee, said that odney Shirley's recently published book The dapping of the World was an example of

instaking research and attention to detail

hich it would be difficult to emulate. Of the

many books produced on the history of cartography over the past year or so this one stood out as an 'outstanding contribution' to the subject.

The IMCOS Chairman's award for the best contribution to the Society's journal went to Dee Longenbaugh, a dealer in Alaska, for her article, 'How to do Research on a Map'. The award was collected in her absence by Mrs. D. M. Green, President of the Washington Map Society.

Cartography – The Way Ahead

Report by Jeffrey Stone

EVERY YEAR, the Royal Scottish Geographical Society sponsors a one-day conference on a broad theme of current concern, with the intention of attracting a wide spectrum of participants. This year, the Aberdeen branch of the Society is celebrating its centenary and it was therefore appropriate that the conference was hosted by the Geography Department of Aberdeen University, although the meeting was also arranged in collaboration with the British Cartographic Society.

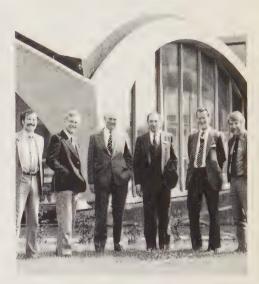
The theme of the way ahead in cartography was chosen with local skills and interests in mind, since Aberdeen is the base for much of the off-shore oil extraction of the North Sea and the oil industry is involved in high technology map making. Although the meeting was mainly concerned with the maps of the future, there was much to interest the map collector. The shrewd collector who knows the cartography which is soon to be obsolete, knows what to put aside while still readily available and with collecting interests already well advanced into the twentieth century, today's waste paper basket contains tomorrow's collectables.

The morning session was chaired by Dr. Richard Jennings and the opening talk was by Mr.. John Price, Region Controller of the Ordnance Survey in Scotland. Any members of the Charles Close Society would have been encouraged to set aside current editions of the Ordnance Survey metric series in the knowledge that public demand for conventional maps on paper is envisaged for many years to come, and that a national digital topographic data base will be built up in parallel, rather than instead of, well designed sheet maps. This was a position reiterated in the purely commercial field of map publishing, by Mr Robin Orr, Cartographic Director of John Bartholomew & Son Ltd. Mr. Orr foresaw a strong demand for conventional map sheets for some time to come. He envisaged the technology revolution occurring not in the product but in production techniques, with little commercial future in maps in the form of magnetic tape. Conventional map collectors of the future take heart! Then Dr Jeffrey Stone drew on the wealth of recent bibliographic work on early Scottish maps and map makers to try to discern some potentially fruitful areas of study, so that paradoxically, even Ptolemy appeared on the

The afternoon session chaired by Professor William Ritchie turned more specifically to the cartographic potential of the computer.

Professor Gordon Petrie looked forward to





The speakers and some of the organisers for the morning session at 'The Way Ahead' Symposium. From left to right: Mr L. MacLean (conference organiser), Dr J. C. Stone (speaker/Aberdeen University), Dr J. R. G. Jennings (chairman), Mr J. Price (speaker/Ordnance Survey), Mr R. Orr (speaker/John Bartholomew and Son Ltd.) and Mr Wood (Convener). (Photography by J. Livingston)

terrain surface models of entire countries, using computer based techniques first applied in civil engineering but now coming to the fore for many purposes. Mr. Tom Waugh spoke of computer based geographic information systems which can provide information cartographically. He also spoke ruefully of his unsuccessful attempt to see what he believed to be the most advanced electronic map in the world, on a Staten Island ferry. Mr. Russell Vincent was concerned with taking computer based maps into the working area, whether conference room or oil rig, but in the process he had created colour plots which would grace any collector's wall. Mr. Robert Wright explored the potential of a semi-automated method of land use mapping based on remotely sensed data. That collectors' piece of the 1930s, the first National Land Use Survey of Britain has a future counterpart

Miss Margaret Wilkes personified her choice of phrase when she spoke of map curators as user friendly interfaces. Access to cartographic library holdings are likely to be greatly facilitated in the future, although information storage on disc raises the possibility of disposal of traditional maps, or perhaps their storage until they become collectors' items and can be sold to offset the cost of new technology. Here was another role for the collector in the future.

The conference was convened by Mr. Michael Wood and Dr Jeffrey Stone, with the assistance of Mr. L. McLean. The proceedings will be published in the RSGG Symposia Series, by Geo Books of Norwich.

Unique Copper Plate of London Fetches £50,000

LOT 393 in Sotheby's London sale on July 23 was an extremely unusual item. It was an engraved copperplate which forms part of an otherwise lost oldest known plan of London. On the reverse it had an oil painting showing the Assumption and Coronation of the Virgin attributed to the circle of Frans Franken [1620]. The plate reached its estimated price of 450 000

John Goss, the map expert at Sotheby's told TMC that this was the 'remarkable survival' of a copperplate. It is on a scale of approximately 34 inches to a mile and is a true plan with perspective views of buildings and other features viewed from an imaginary point above the south bank of the Thames. The large scale of the plan, probably originally engraved in as many as twenty plates or sections, seems to indicate an extent comparable to that of the Braun and Hogenberg single-sheet plan of London and Westminster published in 1572 In fact, their plan may have been based on the copperplate just sold. There is other evidence to suggest that this map could not have been made any later than 1559

Mr. Goss cannot suggest the authorship of the plan although the influence of mixed Dutch, English and Italian spellings is reminiscent of the work of Anthony van den Wyngaerde, who made a panoramic drawing of London in about 1558. Oddly enough, the ancestors of Mr. and Mrs. Oddy, who were selling the copperplate, originated in Flanders.



The unique engraving on the copperplate. (By courtesy of Sothebys)

Mapping the Commonwealth

MORE THAN THIRTY people attended a conference organised jointly by the Map Division of the British Library and the Education Department of the Commonwealth Institute which was held on May 23 and 24.

The first day of the conference was hosted by the British Library and held in their lecture hall. Following a welcome by Alex Wilson of the Library, an illustrated talk on the mapping of the commonwealth to 1700 was given by Peter Barber, Senior Research Assistant in the Department of Manuscripts. He told the audience that apart from the Chinese maps of the pre-christian era onwards, the earliest Commonwealth maps with any claim to scientific precision, if ill-placed in fact, were those of Cyprus and Malta by early fourteenth century Italian and Catalan cartographers. From the early sixteenth century the Portuguese, and to a much lesser extent the Spanish, provided the earliest relatively accurate western maps of lands outside Europe. A lively discussion followed his talk,

Dr Helen Wallis, Map Librarian, spoke next about cartography in the eighteenth and

Pictured at the recent Commonwealth Conference in London are, from left to right back row, Alex Wilson (British Library); Terry Kay (British Library); Maggie Butcher (Commonwealth Institute). Front Row, Indira Nandha (Commonwealth Institute) and Dr. Helen Wallis (British Library)



nineteenth centuries showing examples from Africa, Australia, Canada, India, New Zealand and the West Indies. She explained that with the loss of the American colonies in 1783 Canada became the bulwark of 'British North America' and its rapidly advancing frontiers encouraged the activities of town planners, surveyors and cartographers. James Elliott, also from the Map Library followed with a talk about the controversial Peters Projection which first appeared in May 1973. During discussion time Harold Fullard of the International Cartographic Association and a map publisher said he could not find any positive qualities in the projection and felt that the distortion was dangerous as it would be used for propoganda.

During the afternoon the Map Library and the Manuscript Department put on special exhibitions. The second day of the conference was held at the Commonwealth Institute. Lieutenaut Commander Andrew David presented the keynote address in a talk entitled 'Charting the Commonwealth 1750-1900'. He explained that in 1750 there was no national organization to conduct maritime surveys or to publish them. A key figure was Alexander Dalrymple, appointed Hydrographer of the East India Company in 1779, a post he combined from 1796 with his appointment as Hydrographer to the British Admiralty.

Ian O'Brien, a former president of the British Cartographic Society, took up the theme of African surveys from 1890 to 1940. He discussed the progress of topographical mapping during this period with particular reference to the British sphere of influence which extended from Cairo to the Cape of Good Hope. Financial stringency and the lack of a trained corps of African surveyors, in the majority of the territories concerned, meant that the progress of topographical survey work was slow.

The afternoon session commenced with Barbara McHugo of the Directorate of Overseas Surveys discussing the mapping of the

Commonwealth in the post Second World War period until the present day. Three separate papers under the joint title 'Atlas-making for the Commonwealth' were then presented by Harold Fullard, Alan Poynter and Bill Willet who between them had recorded over a hundred years service with the well known publishing firm George Philip and Son. Harold Fullard discussed the trend towards atlas-making in several commonwealth countries thus ending the sole production of such atlases in Europe. Alan Poynter concentrated his talk on the techniques of modern multi-coloured map making for atlases. The last of the three papers concerned with the topic of atlas-making was presented by Bill Willet. This covered the modern social, political and financial contexts of atlas-making as well as touching upon future developments such as a tendency towards an increased use of computer technology.

The final speaker of the day was Dr Chris Bird, a remote sensing specialist currently employed by the Hunting Geology and Geophysics Ltd., a company which has wide experience of remote sensing projects on a world-wide basis.

Maggie Butcher of the Commonwealth Institute and Dr. Helen Wallis, Map Librarian of the British Library, took the chair for the discussion at the close of the conference. In summing up Dr Wallis said that the history of twentieth century mapping was in many ways a neglected subject. Historians of cartography had tended to concentrate on earlier periods whereas the current practitioner of cartography was often more concerned with keeping abreast of the latest technical developments. She added that this had been a matter of concern to the International Cartographic Association who had decided to undertake a project to record the reminiscences of cartographers in order to build up an archive for future use and study.

A programme for the Conference, containing a brief abstract of each paper, is available on request from the British Library, Map Library, Great Russell Street, London WC1B 3DG.

Around and About

John Reps, author of nine books including the recent publication Views and Viewmakers of Urban America: Lithographs of Towns and Cities in the United States and Canada, has been awarded an honorary Doctor of Arts and Letters degree. Professor Reps is professor of city and regional planning in the College of Architecture at Cornell University in Ithaca, New York, and in addition to his books has written a number of articles dealing with historical and contemporary urban planning. In 1980 he received the Beveridge prize for the beest book in American history. The degree presentation was made at the University of Nebraska-Lincoln.

Congratulations to Vladimiro and Costanzo Valerio on the birth of their son, Francesco, on June 12 this year. Vladimiro is an editorial advisor to *The Map Collector* in Italy and a well known collector of maps. He works in the Faculty of Architecture, University of Naples.

Mr. David Bathurst has resigned as chairman of Christie's in London after allegedly giving false information to the press about an auction in 1981. He apparently claimed that a Van Gogh and a Gauguin worth several million dollars had been sold in a New York auction when they had not. Mr. Bathurst was the auctioneer and president of Christie's, New York, at the time. He has resigned from the main board of Christie's International and the New York board but remains a director of Christie's in London.

Barbara McCorkle, Curator of Maps at Yale University Library is currently on research leave in England and Scotland. She is working on a carto-bibliography of eighteenth century English language geographies.

Dr. Brian Harley of the Geography Department at the University of Exeter, coeditor of the *History of Cartography* (due out shortly) and one of the editorial advisors to *The Map Collector*, has been awarded the degree of Doctor of Letters (D Litt) by the University of

Birmingham. The degree is awarded only after the examination of a candidate's published work by three independent assessors. In Brian's case, this consisted largely of studies in the history of cartography appearing in the last twenty five years and subsequent to his PhD in 1960.

A \$500 award is offered by the Department of History at the University of Texas at Arlington for the best essay of 10,000 words or less on the topic 'The History of North American Discovery'. This is the Webb-Smith Essay Competition in conjunction with the Walter Prescott Webb Memorial Lectures due to be held on March 12 and 13, 1986, at the University of Texas. Manuscripts for 1986 judging must be submitted by February 1, 1986, to: The Walter Prescott Webb Memorial Lecture Committee, Department of History, Box 19529, The University of Texas at Arlington, Arlington, Texas 76019.

For the convenience of their many trade customers, Nigel Garwood & Co. have opened premises in London at 8, Chamberlain Street, Regents Park Road, London NW1, Tel. 01/586 3217. Opening hours will be Thursday to Friday from 11-5. Other times by appointment on 0480 54887 (Head Office). They will be specialising in decorative and topographical prints and engravings of all parts of the world, antique maps and fine illustrated books with emphasis on travel, topography and decorative art.

James, the Norwich based auctioneers and dealers, announce the opening of a new retail premises in London's West End at 51, Whitcomb Street (off Leicester Square). Managing Director, David James, announced the plans in a recent interview on Radio Norfolk, 'We are finding that our retail premises in Norwich and Bury St Edmunds are increasing turnover, and this success is probably due to the firm's ability to meet customers' requirements over a wide range of hobbies.' Their London manager will be Dennis



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Our sympathy is extended to Canadian dealer, Brendan M. Moss, who had to cancel his booth at the IMCOS map fair at the last minute due to his son being killed in a motorcycle accident just twelve hours before he was due to leave for England. Mr. Moss is a well known dealer in Vancouver.

California Map Society and the Society of University Cartographers are holding a weeklong meeting of functions, presentations and other events designed to be a 'special treat' for all map connoisseurs. It is to be held from September 11 to 17 in two parts – the first four days in Southern California and the remainder in Northern California. Included in the events will be visits to the UCLA Map Library and the Huntington Library.

Seventeenth Century Atlas for Australia

ONE OF THE few surviving copies of a seventheenth century atlas the first nautical atlas produced by an Englishman has been acquired by the National Library of Australia.

The atlas is a two-volume work by Sir Robert Dudley, illegitimate son of the Earl of Leicester, known as the 'Arcano del Mare' (Secret of the Sea). It was originally published in 1646 but was reissued, slightly expanded, in 1661, twelve years after Dudley's death. The copy acquired by the Library is from the second edition.

The Library had been searching for more than five years for a copy of this atlas to complement their copy of the Doncker Sea Atlas of 1659 and were delighted when they heard that one was coming up for sale at Sotheby's, New York. After having it examined by an Australian conservator they bought the atlas by private treaty. The amount paid had not been revealed in accordance with their policy. The Curator at the Library, Ms Glenys McIversaid, 'The atlas is a prime document for the

study of the spread of knowledge of Australian and the Pacific Ocean to southern Europe. Previously, knowledge of the area was largely confined to the Dutch, but now their discoveries were made public and further exploration invited.' The atlas is now available for researchers in the map reading room.

Research Fellowships Awarded

THE JOHN CARTER BROWN Library at Brown University, Providence, Rhode Island, USA, has awarded research fellowships to eight scholars from around the world. Three of the new Fellows are among the first to receive awards in memory of Jeannette D. Black, past Curator of Maps at the Library. The Fellows will be coming to the Library throughout the academic year of 1985-6, for periods of one to four months.

Amongst the Fellows is Dr. Graham N. G. Clarke, Rutherford College, University of Kent, England, for 'The map as cultural text: early

American maps and their significance as literary and pictorial images' and Professor Roger Joseph of California State University, USA, for 'A discourse on power: Europe discovers America.'

Symposium on Globes

The Coronelli Society, devoted to research on old globes and spheres, is organising a symposium in September 1986 in Amsterdam. This is to be organised jointly with the Nederlands Scheepvart Museum.

The theme of the conference will be old globes, spheres, planetaries etc. and their makers. There will be introductory papers on the development of these artefacts and further papers are invited. An excursion will also be organised to the Boerhaave Museum at Leyden.

Dates for the conference are September 11-14, 1986, and it will be held at the Nederlands Scheepvart Museum, Amsterdam. The address for information is: International Coronelli Society, Dominikanerbastei 21/28, A-1010 Vienna.



'Gilded Scenes and Shining Prospects'

PROSPECTS, PROFILE VIEWS, perspective views, bird's-eye views, long views, balloon views, and panoramas form a distinct and fascinating print genre. Initially substitutes for town plans, by the eighteenth century town prospects had become records of Britain's often ancient urban topography, the market for them being the nation's growing band of enthusiastic antiquaries. Later they would become related to the great show panoramas – the vast 360° paintings and moving canvases that delighted and instructed our forefathers. In the Victorian period seaside stationers published panoramas to attract visitors. Artists employed to produce panoramas included Wenceslaus Hollar, the brothers Samuel and Nathaniel Buck, Michael Angelo Rooker, Robert Havell Junior, and W.

North America's rich panorama heritage has long been the subject of critical investigation. Britain's, in sharp contrast, has been woefully neglected. And this despite the abundance of material. Over 500 different large prospects and panoramas of British towns have been traced in recent years, and of these 100 will be featuring in 'Gilded Scenes and Shining Prospects', an exhibition being staged at the Yale Center for British Art in New Haven, Connecticut, from October 9 – December 15 this year. Exhibits will include the unique 'View of the Cittye of London from the North Towards the Sowth'. c. 1596, from the University of Utrecht; the only complete copy of John Norden's 'Civitas Londini', 1600, from the Royal Library, Stockholm; and three examples from a previously unidentified series of large two-sheet prospects of Wakefield, Leeds, and Lincoln, executed by Samuel Buck, from the Bodleian Library and the Society of Antiquaries. Most striking of all will be the celebrated Rhinebeck' Panorama of London - the original



Maps on display in Arabia

Pictured at the opening of a map exhibition being held in Arabia are from left to right, Dr. Abdul Aziz Al-Sheikh, Dean of the College of Arts at King Saud University, Riyadh; Malcolm Dexter, Representative of the British Council in Saudi Arabia; Stuart McMinn, the owner of the collection; and other delegates. 'Maps of Arabia' has been organised under the auspices of the British Council and is touring the country providing a unique opportunity for the general public to view early cartography. All the maps are from the collection of Stuart McMinn and depict the mapping of the Arabian Peninsula from the earliest printed map to the present day (Photograph by courtesy of the British Council, Saudi Arabia).

drawing for Havell's 'Aeronautical View', 1831 – found inside a barrel when an attic was being cleared in Rhinebeck, N.Y. This exhibition provides the first occasion for the display of that panorama since its rediscovery.

'Gilded Scenes . . .' has been organized by Ralph Hyde, Keeper of Prints and Maps at the Guildhall Library, City of London. It will be accompanied by an illustrated catalogue.

International Panorama and Diorama Society Launched

by Ralph Hyde

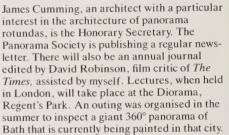
'OUT THERE IS surely the nucleus of an International Panorama and Diorama Society', observed T.V. personality, Bamber Gascoigne, scanning his seventy-strong audience when chairing a seminar devoted to panoramas at the Victoria and Albert Museum in July 1983.

On Saturday, November 10, 1984 Mr Gascoigne's proposal became a reality. At an inaugural meeting in the Apse Theatre at the Victoria and Albert Museum the International Panorama and Diorama Society was formally established.

The Panorama Society brings together dispersed enthusiasts who until very recently were quite unaware that anyone else was interested in the subject. They include cartographic historians, print collectors, art historians, theatre and cinema historians, and collectors of toys.

The President of the new Society is Professor Richard Altick, author of *The Shows of London*, and the chairman is Brian Polden, Curator of the Widescreen Museum, Worthing.

One of the items which will be on display in the exhibition 'Gilded Scenes and Shining Prospects' This panorama of Brighton in a Tunbridge case is by Amon Henry Wilds, published by W. Mason, 1833. (By courtesy of Phillips, Son and Neale)



The link between panoramas and maps is an exceedingly close one. Further information about the society can be obtained from the Honorary Secretary, The International Panorama and Diorama Society, 28A Manchester Street, London W1M 5PF, U.K.

Panoramas for sale

PHILLIPS' SALE OF fine decorative prints on October 7 in London will include a number of panoramas as well as an extensive section of English, European and American topographical views and prospects of towns.

Amongst the panoramas is a very rare example printed on silk of the 'View of the North Bank of the Thames from Westminster Bridge to London Bridge, showing that part of the improvements suggested by Col. Trench which it is intended to carry into execution, lithographed by T. M. Baynes, published in 1825. Also offered for sale will be a panorama of the Bosphorous and one example of the work of the brothers Samuel and Nathaniel Buck, 'South-east Prospect of Newcastle upon Tyne' estimated to fetch between £100 and £200. An unusual railway panorama engraved by Smart and Reeve published 1825 will be offered together with a panorama of Zürich and one of the Great Exhibition at Cyrstal Palace.

A catalogue is available, price £6.

Alert to Dealers

MAPS BY C. & J. Greenwood have been stolen from Leicester University. One is of Yorkshire, dissected and mounted on cloth (coloured) and the other of Staffordshire in one sheet, also coloured. Both were in brown leather slipcases. Any dealer offered these maps under suspicious circumstances are asked to contact the Security Officer of the University on Leicester 554455.



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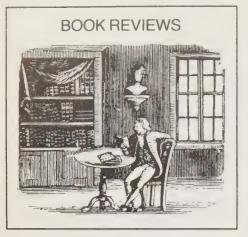
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ONTARIO'S HISTORY IN MAPS by R. Louis Gentilcore and C. Grant Head, with a cartobibliographical essay by Joan Winearls. (Toronto, Buffalo and London: University of Toronto Press for the Ontario Historical Studies Series. 1984.) xiii + 284 pp. 268 maps. 315×415 mm. Canadian \$65.00. ISBN 0-8020-3400-4.

In his historical survey of the study and collecting of maps R. A. Skelton recognized three classes of facsimile atlases1. The classification was based on the principles which has determined the selection of maps for inclusion and the largest class consisted of atlases which illustrated the mapping of a region or country. Skelton's examples of this class were in no way unrepresentative but on inspection each is found to contain a preponderance of general as distinct from thematic maps i.e. maps which show assemblages of features rather than the distribution of a single class - or closely linked classes - of phenomenon. Two years before Skelton's study was published (but four year after the lectures on which it was based) the Historical and Scientific Society of Manitoba published a facsimile atlas intended to give an 'understanding of the historical and geographical development of the area which is Manitoba today through facsimile maps, selected to show the main events and cultural processes that were important in the growth of the whole or any part of the area from the time of the earliest map, made in 1612, to the present.² It was a distinctive - perhaps novel - variant of the class recognized by Skelton in that it contained a high proportion of thematic maps, included commentaries which dealt with the circumstances and content of the maps and focussed on the geographical development of the area rather than its discovery and exploration as reflected in maps. Fifteen years later, Manitoba's larger, wealthier and more populous eastern neighbour has produced an equivalent. Like its predecessor it is published by an organization which seeks to foster the understanding of the Province's history and written by two geographers. How does it compare?

Physically and aesthetically the Ontario volume is much more attractive than its predecessor. It benefits from having a larger format, containing colour reproductions (more than half of all the 268 maps) and achieving far higher reproduction standards. It has accomplished this by retailing at approximately twice the price (allowing for fifteen years of inflation) and with the aid of substantial funding from the Government of Ontario and others. Improved printing and book-making technologies have, of course, also played a part.

The maps, plans, bird's-eye views and a few air photographs and satellite images are arranged and described in seven chapters, each of which has an explanatory introduction. 'The Land Revealed' contains twenty maps from the period 1616 to 1740. For the most part these are printed maps, most of which are fairly well known. One would like to have seen more manuscript maps here and one wonders when the Canadians will begin to re-search the French archives. In recent years they have relied too heavily on pre-1940 photocopies and tracings of French manuscript maps. 'Making a Province' reproduces maps and plans which were made during the period 1682-1915 for defensive, organizational and delimitational purposes. Many of these are made from manuscripts and range from crude but interesting to interesting and exquisite. 'The Grand Design' contains maps from a brief period towards the end of the eighteenth century, when the British authorities began to plan settlement. Many of the reproductions are of early survey plans. 'Taking up the Land' covers the period 1781-1960 and contains cadastral surveys of towns and agricultural lands. The final three chapters contain many thematic maps. They cover 'Geology and Forests' (why other aspects of the natural environment are excluded is not explained), 'Circulation' (from wagon roads to airports) and 'Urban Places' (bird's-eye views as well as plans). On balance the atlas does not cover as wide a range of topics as that for Manitoba. Explorer's maps are not well represented and there are relatively few thematic maps of agricultural, demographic or cultural distributions.

The chapter introductions and map commentaries are helpful, well written and informed and the cartobibliographic descriptions are of a high standard. Joan Winearl's nine-page 'Sources for Early Maps of Ontario' is a model of clarity, perfectly intelligible to the uninitiated and a necessary beginning for anyone wishing to search for further maps of Ontario.

Who should know of and use this atlas? Ontarians will find it full of interest, pleasing and, doubtless, a source of pride. Canadians indeed Americans - with an interest in the maps of their own province or state will find that it mirrors many of the developments in cartography which characterized the continent as a whole. For specialist historical geographers and historians it will provide a source of ideas and a stimulus to further research. Map librarians throughout the world will want to add it to their collections. Map collectors - particularly those with an interest in nineteenth and twentieth century maps - will find that it widens their awareness of what is collectable. All will be grateful to the authors and to their enlightened sponsors.

G. Malcolm Lewis (University of Sheffield)

References:

1 R. A. Skelton, Maps: a Historical Survey of their Study and Collecting (Chicago and London: University of Chicago Press, 1972), pp. 93-4

John Warkentin and Richard I. Ruggles, Historical Atlas of Manitoba . . . (Winnipeg: The Historical and Scientific Society of Manitoba, 1970), p.1

MAPS OF THE HEAVENS by George Sergeant Snyder. (London. Andre Deutsch Ltd. 1985). 144 pp; 75 illustrations (50 in colour). Cloth. ISBN 0-223-97721-X. Available from map Collector Publications (1982) Ltd., 48 High Street, Tring, Herts HP23 5AE. Price £23 (UK); £24 (Rest of the World). Price includes postage and packing.

This is a beautiful book. The first maps of the sky date back for many centuries; well before the discovery that the earth was not important in the universe as a whole and artists did their best to depict the sky in terms of poetry and legend. The author has traced the story of celestial cartography from its misty beginnings through to the end of the eighteenth century, when sober science began to take the place of romance - and he has done so very well.

The chief merit of Maps of the Heavens lies in the choice and reproduction of the illustrations. Look, for instance, at the French thirteenth century representation of the Creation from an illuminated manuscript on vellum, or at the fifteenth century Zodiac by Cunico of Naples. The beauty of the pictures is not diminished by the fact that the artists had a totally wrong conception of the nature of the universe. Later we come to the charts of the constellations and the wonderful planispheres by Andreas Cellarius in Holland. Also, the first printed maps by Albrecht Durer of 1715. There are reproductions of the work of men like William and John Cary who produced some of the first real celestial globes and Nicolas Louis de Lacaille, who surveyed the far southern stars and created new constellations with unlikely names such as the Chemical Furnace (Fornax Chemica) and the Airpump (Antilia Pneumatica). Some of the suggested constellations, such as the 'Gladii Electrotales Saxonici' have been rejected now, but perhaps not entirely forgotten.

The text is fully adequate. True, there are a few careless mistakes. For instance, Tycho Brahe never observed the stars through a telescope because he died almost a decade before telescopes were invented, and the Jesuit astronomer, Cysat, never observed any of the satellites of Saturn. It is also wrong to say that Hevelius' names for features on the moon are still used since we now accept the basis of the system laid down by Riccioli in 1651. But these are minor quibbles and do not detract from the

value of the book.

Really authoritative and well illustrated accounts of early celestial cartography are rare. This is one and it will become a collector's item. The reproductions of the old maps and charts could hardly be bettered and both author and publisher should be congratulated on a notable contribution to the literature of scientific history.

Patrick Moore

(NB A review of 'The Sky at Night', a programme in which Patrick Moore took part, also appears in the Books and Letters section of this issue. Ed)

THE SKY AT NIGHT. Forgotten Constellations.

(Review of a broadcast by Patrick Moore in December, 1984 by Terry Kay of the Map Room at the British Library)

THE POPULAR BBC television astronomy series 'The Sky at Night' featured examples of celestial cartography from the sixteenth century onwards in a programme first transmitted in December of last year. Subtitled 'Forgotten Constellations' the broadcast discussed the various ways that astronomers and celestial cartographers had grouped the stars into constellations on their celestial maps.

Patrick Moore, the presenter, mentioned in passing the constellations as depicted by non-Western cultures such as the Chinese and Egyptian patterns but his main theme was the Western tradition of celestial cartography from the original forty-eight constellations of Claudius Ptolemy onwards. Rather than treating the history of star maps and their constellations

in a chronological manner, he selected a number of major map-makers and concentrated on the constellations they had devised.

The importance of patronage, especially royal patronage, was no doubt a good reason for the appearance of politicians and monarchs on many maps. Robur Carolinum was a constellation devised by Edmund Halley to represent the oak tree in which Charles II hid after his defeat at the Battle of Worcester. Lilium, the Lily, was devised in honour of Louis XIV of France; Taurus Poniatowski (the Polish Bull), in honour of Stanislas II of Poland, and Psalterium Georgianum (George's Lute) was proposed by Maximilian Hell, the Hungarian astronomer, in honour of George III of England and Hanover.

Other astronomers were responsible for constellations celebrating technology and newly invented instruments. The eighteenth century French astronomer, Abbé Nicolas Louis de Lacaille, devised technological constellations such as a marine compass, a chemical furnace and an air pump. In 1801 Johann Bode of Berlin introduced constellations of a typesetting press, a balloon and of an electrostatic generator (Machine Electra).

Animal constellations were also a feature of the atlases of various astronomers. For instance John Hill, in his Urania of 1754, introduced various small animal constellations that in retrospect appear to have exerted no influence whatsoever on other astronomers. Lumbricus, the common earth-work, composed of a series of conspicuous and informal stars between the signs Cancer and Gemini, was one such constellation offered to the astronomical world by Hill.

Patrick Moore also referred to the schemes of Schiller and Schickard that had attempted to depaganise the skies. Wilhelm Schikard of Tubingen provided Biblical chapter and verse references for all the constellations and converted all the classical groups into Biblical ones. Julius Schiller in his atlas Coelum Stellatum Christianum replaced all the Zodiacal constellations of Ptolemy with the Twelve Apostles.

Sir John Herschel commented in 1870 that the constellations had been designed so as to cause as much confusion and inconvenience as possible. In 1932 this celestial anarchy was finally brought under control by the International Astronomical Union, the controlling body of world astronomy. Ptolemy's original forty-eight constellations were accepted, together with another forty. The boundaries of these officially approved constellations were also standardised by the

International Astronomical Union.

Patrick Moore and The Sky at Night team are to be congratulated on having presented to a wide audience the beauty and fascination of old star maps. Mr Moore is a first class television presenter who is also a respected authority on astronomy, and is the author of over sixty books on the subject and a former president of the British Astronomical Association. Many of the photographs used in the programme were supplied by Deborah J. Warner of the Smithsonian Institution, author of The Sky Explored, a bibliography of celestial cartography from 1500 to 1800.

The Sky at Night is the longest-running BBC series, having been first transmitted in 1957. The episode 'Forgotten Constellations' was, in fact, the first in the series to have exclusively featured antique celestial maps and charts. It is to be hoped that the team will find a good reason (or excuse!) for further exploring old star maps in the not too distant future.

LES ATLAS FRANÇAIS XVIe-XVIIe SIÈCLES: RÉPERTOIRE BIBLIO-GRAPHIQUE ET ÉTUDE by Mireille Pastoureau with the collaboration of Frank Lestringant for A. Thevet's 'Insulaire' (Paris; Bibliothèque nationale, Département des cartes et plans, 1984). pp.viii, 698, including 166 illustrations. 31 × 22 cm. Price 750 F. ISBN 2-71777-1686-6

TOO MANY books are described as 'long awaited', and the word 'indispensable' has been cheapened through overuse. But Dr Pastoureau's keenly anticipated Les Atlas Français is going to prove so indispensable it is hard to imagine how we did without it. Among general works of cartobibliographical reference it should surely be placed in the top three. judged on usefulness, along with Koeman's study of Dutch atlases and Phillips' account of the Library of Congress holdings.

'Pastoureau' will inevitably be dubbed the 'French Koeman', but that is a little premature, since the nominal cut-off point for this first volume is only 1700, in contrast to Professor Koeman's 1880. In addition, the quantity of French maps from the sixteenth and seventeenth centuries, with a mere thirty authors, ninety-eight titles and about 300 editions considered, is far smaller than the equivalent Dutch productions of the period. That Les Atlas Français is almost as thick as two of the Koeman volumes is due to the greater amount of detail provided for the French entries, in accordance with the aim that each distinct map should be traceable to a particular

Frontispiece to Johannes Hevelius' atlas of fifty-six copper engraved maps Firmamentum Sobiescianum sive Uranographia (Danzig, 1687). Hevelius is depicted offering his work to Urania, the Muse of Astronomy, whilst great astronomers of the past such as Ptolemy, Tycho Brahe and Copernicus look on (By courtesy of the British Library).

Right: Julius Schiller, a Catholic, living in Augsburg, redefined all the constellations in his atlas *Coelum Stellatum* Christianum (1627). The constellation Hercules, for example, was replaced by the three Magi (By courtesy of the

British Library).







atlas. Given that few French atlases have reverse text - the means by which particular Dutch editions are pinpointed - there is more concentration here on the engraved surface, with useful comparisons between similar maps.

Les Atlas Français XVIe-XVIIe siècles is not strictly true to its title in terms either of chronology or scope, though surely only a pedant would criticize on those grounds. The 1488 Lyons edition of Breidenbach is a case in point since it is one of two editions which antedate the period supposedly covered, and it is by no stretch of the imagination an atlas. Only one of its seven illustrations, the sheet covering Palestine and Jerusalem, could even be considered a map. This is the most extreme instance of the sensible decision to sidestep the definition of the term 'atlas', beyond excluding made-up atlases by insisting on a publisher's intention to produce a homogeneous work. The inclusion of city views, engineering plates and what are essentially books with maps may distort some of the statistics about French cartographic activity which will be derived from this work; but they offer a salutory reminder the development of commercial cartography has always been influenced by these neighbouring disciplines. As can be seen from the panoramas and diagrams that occupy many of the book's illustrations, few map publishers were such single-minded specialists as some of those who study them today.

Since Mme Pastoureau follows editions of a particular work through to the bitter end, and since de Fer's entire output is considered, not just that part produced before 1700, this first volume of Les Atlas Français describes a number of eighteenth century works. Indeed, the chronological index only ends with the 1817 edition of Bougard's Petit Flambeau de la Mer.

'French' is also loosely interpreted, to take in on the one hand the Paris editions of Coronelli's Morée, and on the other the London translation of Bougard, as well as Dutch copies of Jaillot's Atlas Nouveau and the Neptune Français. Despite this it is possible to gain a valuable overall view of French atlas-making through the first two centuries. After a hundred years of derivative productions, the earliest significant native efforts began to appear at the end of the sixteenth century: André Thevet's Grand Insulaire, an atlas of the world's islands (1586-92), for which Frank Lestringant provides the commentary, and Maurice Bouguereau's Le Théâtre François of 1594, the first atlas of France. It was not until about 1620, however, that Paris began to rate as a significant mapproducing centre, with a reduced reliance on Holland for the supply of both engravers and prototype maps. The discovery by Melchior Tavernier of the young Nicolas Sanson in Abbeville was to be the turning-point; yet Sanson's Cartes générales de toutes les parties du monde (1658 and later) was to be the only collection of single sheet maps produced in France in direct rivalry to the atlases of Blaeu and Jansson. Strangely, the word 'atlas', coined by Mercator, was not used in France until Jailot's Atlas Nouveau of 1681.

For the collector and cartobibliographer, the book's greatest value will presumably reside in the map-by-map analysis of the different atlases of the period. For the more prolific authors, such as Beaulieu, Duval, de Fer, Sanson and Tassin, this can run to ten or more distinctitles, each in several editions. Since a cartobibliography is a practical working tool, and since the coded system adopted in this case is a complex one which it took this reviewer some effort to crack, it might be useful to explain the classification is some detail. Without a clear understanding on this point, Les Atlas Français, will remain largely inaccessible.

We might consider the illustrative example buried in the middle of the introduction on p.iv, 'TASSIN VII-4 Aa,7, an encoded reference to one specific map. Tassin is obvious, the publisher Christophe Tassin, and there is little difficulty in indentifying 'VII' as a reference to the 'première partie' of his Les plans et profils de toutes les principales villes . . . de France. Working from the table of contents it is also clear that '4' refers to the section on Normandie, followed by 'A' for the first edition, as distinguished purely by title-page date, and 'a', for some other differentiating characteristic within the 'edition'. The final '7' denotes the unique bold number given, à la Koeman, to a particular map. Apart from the complexity of this hierarchy, confusion arises from the fact that the order of elements in the cited example, 'TASSIN VII-4 Aa, 7', is at variance to that found in the text - in this case, 'TASSIN VII Aa 4,7' (p.455). The geographical index makes matters worse by truncating this to 'TASSIN VII-4, 7'.

This point has been laboured because it is vital. Approaching, as most people would, via the geographical index, many users are going to be baffled, and unnecessarily so. Were it true, as claimed on p.iv, that the geographical index followed the same principles as Koeman's the work would be easy to use. Instead, the admirable chronological order of Atlantes Neerlandici, which enables one to see priority and development at a glance, has been rejected in favour of an alphabetical sequence of verbatim titles. Indeed, dates are omitted altogether. Less convenient still is the use of citations in the cumbersome form already described, instead of simple page references. Experiments show that the Koeman reader is likely to reach his destination about four times as fast as the user of Pastoureau. It is hoped that serious consideration will be given to simplifying the system for subsequent volumes. It would also have been helpful had all, rather than just some of the running heads, specified atlas title as well as publisher's name.

Following Koeman in this respect at least, references are made to the holdings of 140 French and foreign institutions, information obtained personally by the author or extracted by questionnaire. This is both a measure of rarity (some new editions emerging in the process) and a vital ingredient in future research. Of even more value, however, is the depth of scholarship that informs the general introduction, those to each author section and the commentaries on individual atlases. Mme Pastoureau's doctoral thesis was on Sanson, but notarial archives, contracts and inventories have been systematically ransacked for all publishers of the period. Given that a printed map is first and foremost an object of merchandise, the plunder includes many new details about the commercial practices of the time and the relations, sometimes far from brotherly, between fellow publishers. A few examples: we learn that Louis XIV intervened in 1668 to force Mariette to sell the Sanson maps

separately, largely because they were needed by his army officers; that Tavernier was guilty of some 'indelicacy' in putting his name to Sanson's maps; that some twenty-three commissions survive addressed to Pierre Duval as royal geographer, revealing that he was at least nominally concerned to teach geography to the royal household; that an average atlas needed to sell 250 copies to recoup its costs.

With insights such as these, Mme Pastoureau has given us, in effect, a history of early French map publishing. Many will be impatient to see the eighteenth century volume, covering the age of French fulfilment; meanwhile, only cost (and the price is not unreasonable) can excuse the absence of *Les Atlas Français* from the bookshelves of genuine map enthusiasts and historians.

Tony Campbell (British Library, Map Library)

Catalogues Received

ALFIERI (Antique Maps), Spey Lodge, Newick Lane, Mayfield, East Sussex, England. Tel: (0435) 872589. Antique Maps, Charts, Plans and Views of Europe. 36pp., 460 entries, 39 ills. ANTIQUE MAPS AND PRINTS, 30 St Mary's St, Stamford, Lincolnshire PE9 2DL, England. Tel: (0780) 52330. Catalogue codenamed Hydrangea. 43pp. listing maps and views of Britain, including schools and colleges, some foreign items, animal and bird prints.

THE BOOKSTALL, 708 Sutter St, San Francisco, Ca 94109, USA. Tel: (415) 673 5446. 3pp. offering Blaeu's *Seespiegel* for sale.

E. J. BRILL, P.O. Box 9000, 2300 PA Leiden, The Netherlands. Tel: (071) 312624. *Short-title catalogue 1985*. 217pp. listing the wide range of books and periodicals published by Brill.

THE BRITISH LIBRARY, 2 Sheraton St, London W1V 4BH, England. Tel: (01) 636 1544 ext. 242/284. *British Library Publications 1985 Catalogue.* 57pp. listing books, serial and microform publications available from all the departments.

IVAN R. DEVERALL, Antique Maps, Duval House, The Glen, Cambridge Way, Uckfield, Sussex TN22 2AB, England. Tel: (0825) 2474. (Catalogue) Summer 1985. 10pp., 57 entries, each illustrated. Maps of all parts of the world. RICHARD FITCH, Old Maps & Prints & Books, 2324 Calle Halcon, Santa Fe, New Mexico 87505, USA. Tel: (505) 982 2939. Americana Catalogue No. 42. 104pp. including bibliography, 328 entries with notes, 160 ills. Includes many maps. Catalogue price; \$2 North America, \$4 elsewhere.

MRS. D. M. GREEN, Antique Maps, 7 Tower Grove, Weybridge, Surrey KT13 9LX, England. Tel: (0932) 241105. *Map List No. 8 South Eastern and Home Counties*. 12pp.

HAUS DER BÜCHER AG, Erasmushaus, Bäumleingasse 18, CH-4051 Basel, Switzerland. Tel: (061) 23 30 88. *Katalog 832 Quodlibet*. 64pp., 277 entries with notes, 7 ills. Includes some atlases and books on travel and topography, with a section on Switzerland.

HES Uitgevers BV, Oude Gracht 206, Utrecht, The Netherlands. Postbus 129, 3500 AV Utrecht. Tel: 030 316977. General Catalogue 1984-1985. Includes some modern books on mapping in the Netherlands.

D & E LAKE Ltd, 106 Berkeley St, Toronto, Canada M5A 2W7. Tel: (416) 863 9930. Catalogue No. 72 Canadiana & Americana. 49pp., 291 entries with notes, 1 ill.

SEYLÂ MARTAYAN, 36 West Ninth St, New York, NY 10011, USA. Tel: (212) 674 6840. Rare Books, Maps and Prints. 40pp., 75 entries and index, 12 ills. Inserted are 7pp. listing 49 maps relating to the Americas.

BERNARD QUARITCH Ltd, 5-8 Lower John St, Golden Square, London W1R 4AU, England. Tel: (01) 734 2983. Australia America The Pacific Catalogue 1044. 92pp., 183 entries with notes, 20 ills. Mainly books on exploration.

RUSSBOROUGH, P.O. Box 422, Station R., Toronto, Ontario, Canada M4G 4C3. Tel: 416 425 2457. Canadian Towns and Cities Part Three of our Catalogue Number 10 continuing the iconography of Canada's Towns and Cities. 71-106pp. with bibliography, 182 entries with notes, 79 ills.

- Catalogue Eleven The Great Lone Land. The Iconography of the Riel Rebellions 1869 and 1885. Including an outline history of Manitoba and North West Canada. 38pp., with index and bibliography, 111 entries with notes, 103 ills.

HENRY STEVENS, SON AND STILES, P.O. Box 1299, Williamsburg, Va 23187, USA. Tel: 804 220 0925. Also 4 Upper Church Lane, Farnham, Surrey GU9 7PW, England. Tel: (0252) 715416. Historical Americana 1. 18pp., 72 entries with notes. Some maps, but mainly books on a range of subjects including exploration.

PAULUS SWAEN Old Maps and Prints, Postbox 317, 5660 AH Geldrop, The Netherlands. Shop at Hofstraat 19, 5664 HS Geldrop. Tel: 040 853571. A selection of 300 fine and decorative old maps. 48pp., 305 entries, 38 ills (8 in colour). Maps of all parts of the world. TOOLEY ADAMS & CO. Ltd, Antiquarian Maps and Atlases, 83 Marylebone High St, London W1M 4AL, England. Tel: (01) 486 9052. Cartography a List of Bibliographies and Works of Reference on all Aspects of

Cartography. 6pp., 48 entries.

- A List of Carto-bibliographies and Reference Books. 10pp., 124 entries

- June 1985 Map Catalogue. 56pp., 367 main entries, 21 ills and a bibliography. Maps of all parts of the world. Inserted are 6pp. of *Recent Acquisitions* listing 59 maps.

CHARLES W. TRAYLEN, Castle House, 49-50 Quarry St, Guildford GU1 3UA, England. Tel: (0483) 572424. *1985 Catalogue 98 British Topography, Local History, Heraldry and Genealogy*. 44pp., 572 entries listing books.

L. WALTON, 41 Woodland Road, Levenshulme, Manchester M19 2GW, England. Tel: (061) 224 6630. Americana-A. Supplement No. 1. to Catalogue Four. 5pp. listing maps and views

- Americana-B. Supplement No. 2. to Catalogue Four. 11pp., 147 entries, 19 ills. Maps and views. WARWICK LEADLAY Gallery, 5 Nelson Road, Greenwich, London SE10 9JB, England. Tel: (01) 858 1317. List Number 3 Australasia. Antique Prints and Maps of Australasia. 10pp., 151 entries, 1 ill.

H. TH. WENNER GmbH, & Co., Abt. Buchund Kunstantiquariat, Heger Str. 2-3, D-4500 Osnabrück, W. Germany. Tel: (0541) 3310366. Antiquariatsangebot 320 Alte Stadtansichten und Landkarten. 28pp., 702 entries, 16 ills. Includes maps by Mercator, Bodenehr and Homann.

Antiquariatsangebot 321 Dekorative Graphik.
 28pp., 598 entries, 11 ills. Includes European views and maps by Merian and Robert de Vaugondy.

Mr. P. W. Roper of Keyworth, Nottingham, has asked us to point out that in connection with his letter (p.51, Issue 30) about the Hotchkiss maps there are in fact 300 maps in the collection not a mere three as appeared in print!

LETTERS TO EDITOR



This detail from Walton's 'Europe' shows the Lord Protector (i.e. Oliver Cromwell) looking very stern, presumably weighed down by the responsibility on his snoulders (By courtesy of the Trustees of the Boston Public Library).

Dating Inconsistency

Madam,

My letter (Issue 17, December 1981) describing a previously unpublicised and apparently unique set of five maps by Robert Walton may be misleading. George Ritzlin of Chicago has called my attention to an inconsistency. A copy of the Europe map in his possession has a border medallion containing the head of Charles II with the inscription 'Charles ye 2d: King of Eng: Scot: Fr: &: Ire:' (a similar copy is illustrated in Compass Points, June 1981). The date of 1658 which I gave for the European map would appear to be incorrect since Charles II had not yet taken the throne. However, I re-examined the copy in the Boston Public Library, and was greeted by the stern, but penevolent, gaze of 'The Lord Protector.' Cromwell was installed as Lord Protector in 1653 and died in 1658, consistent after all with he engraved date. There is no sign of rework on he plate indicating any earlier portrait. It seems safe to assume that the map was engraved between 1653 and 1658, most likely in 1658 as ndicated on the map. Walton's maps may have been geographically outdated, but he seems to nave kept them politically current.

There is a map by John Overton very similar o Walton's Europe entitled A New and Most Exact map of Europe . . . Printed Colloured and are to be Sould by John Overton at the White hors, in Little Brittaine Neare the Hospitall 1668.' Although not an exact copy of he Walton map, all medallions are identical, and similar wording appears in the Charles II nedallion.

Mr. Ritzlin's astute observation shows map

decorations can occasionally provide useful information about the history of a map.

David Jolly, P.O. Box 1003 Brookline, Massachusetts 02146

Maps of Africa

The review of Dr. Norwich's Map of Africa in Issue 29 of The Map Collector makes only a passing, and by implication un-noteworthy, reference to the section entitled 'Historical Survey' (pages 13-33). This section does indeed contain a number of errors and omissions, at least one of which is worthy of detailed response. This deals with early Chinese knowledge of the geography of Africa, which is briefly described on pages 15 and 16. The assertion is that two Chinese maps dated 1320 and 1402 demonstrate a considerable knowledge of the geography of the continent well before the Portuguese discovered the sea route to the Indian Ocean, through Diaz in 1487-88 and de Gama in 1497-98.

The authority for this claim is a paper presented to the 1969 International Conference on the History of Cartography by Professor Keui-Sheng Chang from which Fig. iii has been reproduced, and which shows the voyages of Admiral Cheng Ho between 1405 and 1433 as probably extending to the southern extremity of Africa and across the Southern Ocean in the latitudes of Crozet and Kerguelen Islands (45-50°S). However, in his subsequent paper in Imago Mundi Professor Keui-Sheng Chang omitted this (speculative) illustration¹, and more significantly made it clear that early Chinese geographical knowledge of Africa was obtained from Arab sources. There was a considerable Arab traffic to China by sea as early as the eighth century A.D., and large Arab settlements grew up in Southern China. Indeed, it was Arab maritime activity which stimulated the Chinese to voyage westwards to India by the twelfth century A.D., and later to commission the seven voyages of Cheng Ho between 1405 and 1433.

With regard to the maps themselves, there is no extant original of the 1320 map, but only a revised version dated to the mid-16th century. This is also referred to by Fuchs² in dealing with the 1402 map, which he states is also a later copy, from the end of the fifteenth century. So, an early date for independent Chinese knowledge of Africa is ruled out, and the earliest, and indeed only, occasion on which the Chinese reached the East African coast, as distinct from the Horn of Africa, is 1417-19, during the fifth voyage of Cheng Ho³. Moreover, apart from this brief interlude, the dominant Chinese philosophy before and after Cheng Ho's achievements was isolationism and contempt for all things foreign.

This explanation begs the question as to how the Arabs obtained their knowledge of Africa, and in particular the sea link between the Atlantic and Indian Oceans and the existence of large rivers and lakes in the interior. This is a subject not mentioned by Norwich, and one deserves separate consideration.

J. R. Masson Bon Accord. P.O. Box 906, Mbabane. Swaziland

References:

- 1 Keui-Sheng Chang. Africa and the Indian Ocean on Chinese Maps of the 14th and 15th centuries. *Imago Mundi*, 24 (1970).
- W. Fuchs. Was South Africa already known in the 13th century? Imago Mundi, 10 (1953).
 J. J. L. Duyvendak, China's Discovery of Africa,
- (London, 1949).

Fortification Plans for Identification

However, one subject at a time.

Madam,

I have two manuscript maps concerning fortifications of Campredon in the Eastern Pyrenees and Barcelona in Spain and they are drawn in red and green ink.

Because of the subject I would expect them to have a connection with a war or political situation between France and Spain. Search in history books, biographies of politicians and military leaders, histories of the Ingénieurs Géographes Militaires (whose work was very similar) has led to no definite attribution. Comparison with other plans, the opinion of the editors of the Atlas de Barcelona, and the relations between France and Spain at the time suggest a date of between 1690 and 1695.

A search through most of Nicolas de Fer's atlases of fortifications etc. shows that the plan of Campredon is almost exactly the same as one by Inselin published in 1700. That of Barcelona does not show much resemblance to any plans I have seen.

I do hope some reader can help in identifying and dating these plans.

Philip A. Humble Flat 2 33 Westville Road Ilkley West Yorks

Philip Humble's manuscript plan of Campredon which is a small town about 7km south of the frontier between France and Spain in the Eastern Pyrenees (left), and (right) his/manuscript plan of Barcelona showing the city's outer defences at the time. Any help readers can give with identification would be welcomed.





Beaver Map

I have only just seen the December 1984 issue of The Map Collector which contains an article by Edward Dahl on the original 'Beaver' map by

When I was working for Henry Stevens Son and Stiles I was always fascinated by the Moll 'Beaver' map of North America. Perhaps attention should be drawn to the other map by Moll which in a way, forms its companion. It is known to us as the 'Cod Fishery' map of North America. The view on de Fer's map of the curing of cod is copied in reverse by Moll in this other map.

John G. Garratt 20 Marston Road Farnham Surrey GU9 7BN

Cary's **Burial Place**

Madam

Sir Herbert George Fordham records in his biography of the cartographer John Cary, which was published in 1925, that he 'died aged 81 . . buried at Kensington, 22 August 1835'. It may interest your readers to know that I have recently traced a death notice in The Times of Thursday, August 20, 1835 which reveals that this famous mapmaker, in fact died at Mortlake in Surrey on

The entry in The Times, reads as follows: Died 'on the 16th inst. at Mortlake in his 81st year, Mr. John Cary, of the King's-road, Chelsea'

I am enclosing a photograph of John Cary's map of Surrey (18a) which marks Mortlake. The new information adds a poignancy and new focus of interest to the map.

Terry Kay, Research Assistant Map Library **British Library** London





Another Paradise Map by Ortelius?

Madam

My attention was drawn to this map by Francis Herbert of the Map Room at the Royal Geographical Society by whose courtesy it is published for the first time. Among the features are a globe suspended from the title cartouche, a ship flying a crusaders' flag, another the Turkish flag and a large vignette showing Adam and Eve in a domestic landscape bordered by two rivers. Bible history is told showing the Israelites' exodus from Egypt, their numbered encampments and adventures in the desert. A watermark suggested to Edward Heawood in his book Watermarks (No. 2636) (Amsterdam 1970) and the Addenda, that the map had been printed by Plantin for Ortelius. RGS Composite Atlas (Plate 40, 34 × 36 cm. No text on back of map).

In order to prevent duplication, readers may like to know that I consulted the following works: L. Bagrow, A. Ortelius Catalogue (1928-30) J. Denucé, Old Dutch Mapmakers Working with Plantin, (Antwerp, 1913 and 1920). E. Plewe, Catalogue of Carl Ritter's Library and Map Collection (Facsimile edition of the original auction catalogue by Weigel, 1861) W. C. Poortman, Bijbel en Print (Den Haag, 1983). See also the Catalogue of an Exhibition held in Antwerp in 1982 entitled Het Aards Paradijs.

Fred Plaut 19 Elaine Grove London NW5 5QG

New York map for Identification

I have for some time been trying, without success, to find the source of the map of New York seen in the book The City by Emrys Jones and Eleanor van Zandt, published by Aldus Books and Jupiter Books. I have contacted the authors, the publisher, the Map Department of New York Library, and the National Geographic, all without success

The map concerned shows a three-dimensional view of the buildings in Manhattan, as might be seen from an aircraft a few thousand feet somewhere over the East River. It is amazingly detailed, each building being, as far as I can tell, accurately portrayed in a sort of isometric view.

May I, through your columns, ask whether anyone can give me positive information as to where I could obtain this map. I would also be interested in locating a large scale 1920-30 Ordnance Survey map covering the one inch series 171 with particular emphasis on the

Shooters Hill to Bexley area (Before the present build-up commenced).

Roy S. Moore 20 Windsor Road Cronulla New South Wales 2230 Australia

Moule's English Counties

Thank you for publishing Tony Campbell's important and informative article on the original monthly issues of Moule's English counties

He draws attention to the survival of George IV's cipher on the Berkshire map until 1837 as an example of the difficulty and expense of amending plates. However, this cipher would also have been suitable for George's IV's successor, William IV, as 'Gulielmus Rex', the name used on his coins. Extensive alterations were made on the second state of the map, yet the GR cipher remained. I feel sure it would have been removed if it had been considered inappropriate. It was not, in fact, removed until the fifth state.

I have so far identified nine different states of the Berkshire map. No doubt variants of other county maps are equally numerous.

Eugene Burden Lake House Kings Ride Ascot, Berkshire.

Tony Campbell comments: I am grateful to Mr. Burden for drawing attention to the extended use of the GIV cipher, which could have general relevance to maps produced in England in the period 1820-37.

The solution to the quiz about the mapping of Mount

- Jan Janssonius
- В Giovanni Francisco Camocio
- Claudius Ptolemy 'Tabula Sete.' Claudius Ptolemy 'Tabula Septima.'
- Vicenzo Maria Coronelli
- Jacques Nicolas Bellin
- Jodocus Hondius Claudius Ptolemy 'Tabula VII Euro.'
- Benedetto Bordone 'Silicio Secondo Tolemeo'
- SDUK
- John Cary
- Nicolas Sanson
- D. Macpherson
- Guillaume de L'Isle Benedetto Bordone 'Sicilia Secondo Moderni'
- Hachette
- Robert Morden



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A continuous record of important items sold in auction.

Compiled by Tessa Campbell.

Lot descriptions for atlases realising over £300 (or its equivalent) in auction are reproduced here, sometimes in abbreviated form. Books, whose value is in the maps they contain, are also included. Although auction results are helpful in forming judgements on general price trends, it can be misleading to base a conclusion on the price realised for any individual lot. Prices can vary from auction to auction depending on particular circumstances. Condition is also very important and, however well described, can only be judged by personal examination. Every effort is made to report all major auctions as soon as possible, but occasional delays may occur in obtaining information and some reports may have to be carried over to subsequent issues.

Auction Houses featured in this report:

(Premiums are added to the hammer price)

CA Christie's, Cornelis Schuystraat 57, 1071 JG Amsterdam

8 May 85. Premium 10%

Christie's, 502 Park Ave., New York, NY 10022

14 May 85. Premium 10%

Christie's South Kensington, 85 Old Brompton Rd, London SW7 3JS 29 Mar 85; 31 May 85. No Premium

HK Hartung & Karl, Karolinenplatz 5a, 8000 München 2

7-9 May 85. Premium 15%

Phillips, 7 Blenheim St, New Bond St, London W1Y 0AS

28 Mar 85; 18 Apr 85; 23 May 85. Premium 10%

PNY Phillips, 406 East 79th St, New York, NY 10021

3 Apr 85. Premium 10%

Reiss & Auvermann, zum Talblick 2, D-6246 Glashütten im Taunus

16-20 Apr 85. Premium 15%

Sotheby's, 34 New Bond St, London W1A 2AA

2 & 3 May 85; 14 & 28 May 85. Premium 10%

Notification of forthcoming sales have been received from the following Auction Houses:

Christie's South Kensington 27 September 3 October

3 October Swann Galleries, 104 E. 25th St, New York, NY 10010

10 October Swann Galleries

15-19 October Reiss & Auvermann 17 October Taviner's, Prewett St,

Redcliffe, Bristol BS1 6PB 19 October Galerie Simonson, rue de

l'Aqueduc 38-40, 1060 Brussels

24 October Phillips

24 October Swann Galleries 4-8 November Sotheby's, London. Topography and travel week.

5-8 November Hartung & Karl 14 November **Phillips** 21 November Taviner's

27-30 November F. Dörling, Neuer Wall 40-2,

200 Hamburg 36

29 November Christie's South Kensington

early December F. Dörling Phillips 5 December

James, 33 Timberhill, Norwich 7 December NR13LA

19 December Taviner's

19 December Swann Galleries (main map &

atlas sale)

29-31 December Zisska & Kistner, Unterer

Anger 15, 8000 München 2

Exchange rates for this report (March to May) £ = DM3.7946 to 3.905£ = \$1.233 to 1.26

£ = f14.2785 to 4.4

ATLASES

ANVILLE, J. B. B. d'. Nouvel Atlas de la Chine. The

Hague, 1737 Gr. Fol. 1255., 42 Karten, Pgt. Koeman I, Anv 1. Die Kupfer in kräftigen Abderucken. Eine der Karten von Tibert mit hinterlegtem Einriß oben. Sauber u. wohlerhalten.

HK 7-9 May 85 lot724

BADESLADE, T. & W. H. TOMS. Chorographia Britanniae. London, 1742 Col. dedication, 46 col. maps, some split along centrefold,

dishound

P 28 Mar 85 lot 333 BARCLAY, J. Universal Dictionary. [London, c.1840] Front, title, 49 maps and plans by Moule, cont. cf gt. 4to

P 18 Apr 85 lot 344

BELLIN, J. N. Le Petit Atlas Maritime, vols. 2-5 (of 5).

Titles, contents leaves and 475 charts, maps and plans (as called for in indexes), coloured in outline, contemporary half calf, worn, most fore-edges uncut [cf. National Maritime Museum Catalogue 3:211], small folio.

S 2 & 3 May 85 lot 242 £3,190

BLAEU, W. & J. Atlas Maior, 9 vols. Dutch text. Amsterdam, [1648]-65

Amsterdam, [1648]-65
Is parts in 9 vol., allegorical title, 9 titles, 7 divisional titles, 597 maps (of 599: wanting Surrey in vol. IV and Kirkudbright in vol. V), coloured in outline, all embellishments fully so (the main title sheets heightened with gold) in a contemporary hand, several leaves of preliminary text in vol. I transposed, occasional light browning mostly in the Scottish and Italian volumes (but less prominently so than is often the case), small wormholes affecting a few guards in the French vol., one or two splits at centre-folds without loss of engraved surface, uniform contemporary gilt-panelled vellum, g.e. [cf. Koeman I, Bl 57], folio (550 by 360mm.)

S 2 & 3 May 85 lot 103 €44,000

Another edition, vol. 3 [N. Europe]. Latin text. [Amsterdam, 1662]

Gr.-Fol. 9 kolor. Karten. 2 Bll., 62 (recte 66) S. Roter Ldrbd. (um 1800) mit reicher Vergoldung; Rücken u. Kanten im gleichen Stil erneuert. Koeman Bl 56. Recht breitrandig und kaum gebräunt. Durchgehend neu

RA 16-20 Apr 85 lot 3453

Theatrum Orbis Terrarum, vol. I. German text. Amsterdam, 1635

Title with printed title pasted on, preliminary text on 4 leaves (dated March 10 1634), 156 maps (including several in proof states), without dedication leaf, one or two minor repairs at centre-folds or margins (one, Franconia, with slight loss of engraved surface, occasional faint discoloration, but generally in fine impressions throughout. ownership inscription in ink in a contemporary hand 'Johann Hartman von Rosenbach Anno 1639' at foot of title, contemporary blind-panelled vellum boards, rebacked [cf. Koeman I, pp. 88-94, collation differing from Bl 5 (calling for 155 maps only in vol. 1)] folio (499 by 320mm.). AN APPARENTLY UNRECORDED COPY OF THE Theatrum in its early form.

The atlas contains what is perhaps only THE THIRD RECORDED EXAMPLE of the North America and West

Indies section of the second Blaeu 'West-Indische paskaart' in place of the normal 'Insulae Americanae' map.

THE PRESENCE OF THIS CHART INDICATES A VERY EARLY FORM OF THE THEATRUM, issued sometime after March 1634 but before the 1635 edition of the company of according to Koeman. [F. C. Wieder, *Monumenta Cartographica* I, pp. 70/71, 84-85; Koeman I, pp. 86-87]. The presence of a number of maps in proof state indicates hasty production of the atlas. [Full notes of these and other unusual maps, together with a bibliography are given in the catalogue]. S 2 & 3 May 85 lot 92

- Another edition, vol. 1. Spanish text. Amsterdam, 1659 Title with printed title- and imprint-slips pasted on, 49 mapsheets. THE TITLE HEIGHTENED WITH GOLD) AND MAPS FINELY COLOURED IN A CONTEMPORARY HAND, faint marginal waterstain towards end just touching one or two plates (slight damage by adhesion on one), BUT OTHERWISE A FINE COPY, by aneston on one), BUT OTHERWISE A FINE COPT, contemporary gilt-panelled vellum, central and corner arabesques, slightly soiled [cf. Koeman I, Bl 60B (variant, see footnote)], folio (555 by 362mm.). The atlas includes the twin-hemispherical World map normally found only in the Geographia Blaviana from 1662 onwards [Shirley 428], together with northern Europe and Denmark. The maps of Slesvig are not present, and not called for in the index. The title-page is the same as that used for the *Theatrum* series, but with the imprint-slip dated 1659. Koeman does not record this.

S 2 & 3 May 85 lot 97

BONNE, R. and others. Atlas Moderne. Paris, Lattré & Delalain, [1771]

Delaian, [1771]
2 vol., title, advertisement and index leaves, 77 mapsheets dated between 1762 and 1771, neatly coloured in outline, contemporary half russia, gilt [cf. Phillips, Atlases 646; National Maritime Museum Catalogue 3:215 (and edition of the colour of the c [1776] with 73 maps only)], folio (395 by 285mm.). A FINE COPY.

S 2 & 3 May 85 lot 114

BOSWELL, H. Historical Descriptions ... of the Antiquities of England and Wales. London, [1786] Additional title (cut round and mounted), 50 maps by T. Kitchin and c. 400 subjects showing views and antiquities, modern half calf [cf. Chubb CCLVII], folio.

S 2 & 3 May 85 lot 56 £484

BOWEN, E. A Complete System of Geography, vol. I (of 2). London, 1744

Title, 51 mapsheets (of 70, but including 6 of the Americas), 2 other plates, some creasing, a few tears (one or two affecting engraved surfaces), occasional faint discoloration,

original boards, uncut, folio (445 by 290mm.). S 2 & 3 May 85 lot 107 £968

Another edition, 2 vols. London, 1747

Titles, 71 mapsheets many neatly coloured in outline, a few tears or creases without significant loss of engraved surface, one of two leaves of text defective, contemporary calf, gilt, worn, folio; sold as an atlas, not subject to return. S 2 & 3 May 85 lot 215

BOWLES, C. Bowles's Universal Atlas. London, [1794]

Title incorporating contents list, 38 mapsheets fully coloured in wash and outline, some foxing and dust-soiling, one or two tears or frayed margins without loss, publisher advertisements on front paste-down, contemporary boards,

defective [cf. Phillips, Atlases 681], folio (550 by 410mm.).
Includes the Pacific Northwest [Wagner 597], the United States (after the Treaty of 1783) and an issue of Evan's map of the Middle British Colonies (fifth issue, [Stevens & Tree

S 2 & 3 May 85 lot 115

BRUÉ, A. H. Atlas Classique . . . Ancienne & Moderne. Paris, 1830

Gr.-Fol. 3 gest. Bll. (incl. Tit.), 1 Bl., 35 grenzkolor. gest. Ktn. Hldr. d. Zt. mit Rverg. Phillips 6. Breitrandig, sauber u. frisch. Einbd. mit kl. Wurmgängen, etw. bestoßen u.

HK 7-9 May 85 lot 727

DM 1495

BUACHE, P., see Delisle, G.

CAMDEN, W. Britannia [Bll maps]. London, 1626

Allegorical title, 51 maps (of 52: wanting 'A Tipe of England' at B^4v which is blank), occasional faint waterstains or faint browning, but the maps generally in fine impressions, a few manuscript annotations in ink in a contemporary hand, contemporary limp vellum boards, gilt [cf. Skelton 15], oblong 4to. S 2 & 3 May 85 lot 46

 Another edition [Morden maps]. London, 1695
 Port., (loose), 9 plates, 50 maps, Hampshire torn along fold, some offset on Cambridgeshire, cont. cf, upper cover detached, folio.

- Another edition [mostly Seller maps], London, 1701

2 vol., portrait of Camden in both vol., 60 maps, one or two minor stains, but generally a clean copy, contemporary panelled calf [Skelton 122], 8vo. With the exception of Scotland and Ireland, the maps are reprinted from John Seller's Anglia Contracta [1694] and The History of England (1696). S 2 & 3 May 85 lot 49

Another edition [Morden maps]. London, [1722]

vol., titles, portrait, 51 maps, 10 other plates, numerous illustrations in the text, waterstain throughout, Scottish maps shaved at neatlines, contemporary calf, defective [Chubb CXV], folio. S 14 & 28 May 85 lot 123

Another edition [Morden maps]. London, 1722

2 vol., folio, 50 maps, nine plates, illustrations, occasional light marginal worming, affecting two maps, contemporary calf, rebacked, worn

Cs 31 May 85 lot 271 €1 100

 Another edition [Cary maps]. London, 1806
 3 vol., 104 plates, 57 maps, some slight spotting and offsetting, contemporary russia, skilfully rebacked and repaired, folio.

S 2 & 3 May 85 lot 57 £495

- Another edition, London, 1806

4 vol., folio, portrait, 58 maps, 100 plates, contemporary calf, gilt, lightly rubbed.

CAREY, H. C. & L. LEA. A Complete . . . American Atlas. Philadelphia, 1822

Folio, 455 by 314mm., on guards, contemporary half morocco gilt, covers badly worn, some maps torn at central folds, a few reapried, some staining. FIRST EDITION, 46 colored maps with broad text borders, colored charts, uncolored plate of comparative heights of mountains and elevations in the world. Phillips 1373a. Sold not subject to

CNY 14 May 85 lot 265

- Another edition. Philadelphia, 1823

Folio, 53 maps and tables, title lightly soiled, contemporary half-morocco, rubbed. Cs 29 Mar 85 lot 170

£1.500

- Another edition. Philadelphia, 1827

Title, 46 maps (neatly coloured, most within letterpress text borders), 2 thematic plates, numerous tables, occasional dust-soiling, one or two short tears without loss, contemporary half calf, worn [Phillips, Atlases 1227], folio 1453 by 315mm.

S 2 & 13 May 85 lot 392 £1.870

CARY, J. Cary's New Universal Atlas. London, 1808

FIRST EDITION, title and 60 mapsheets in fine, bright wash and outline colouring, printed contents list pasted inside upper cover, list of subscribers, title slightly discoloured, but generally a fine copy, modern half calf [cf. Phillips, Atlases 714; National Maritime Museum Catalogue 3:311], edge-bound oblong folio (520 by 630mm.). S 2 & 3 May 85 lot 117

£1.100

- Another edition, London, 1811

Title, 60 mapsheets, neatly coloured in wash and outline manuscript contents list, occasional repairs without loss of engraved surface, light dust-soiling, nineteenth-century boards, slightly worn [this edition not in Phillips, Atlases, but cf. 714 (the edition of 1808) or National Maritime Museum Catalogue 3, but cf. 311 (1808 edition)], folio (555) by 360mm.).

\$ 2 & 3 May 85 lot 118

Another copy
 Folio, title, 43 coloured maps only, old half-calf, worn; sold not subject to return.

Cs 29 Mar 85 lot 286

- New and Correct English Atlas. London, 1787

Title, dedication, 46 maps on 47 mapsheets, coloured in outline, first and last few leaves stained, some maps very lightly stained in upper inner corner, advertisement leaf at beginning, contemporary tree calf, slightly worn, spine gilt,

S 14 & 28 May 85 lot 116

- New English Atlas. London 1811

46 col. maps, col., folio, [Chubb CCCXXXIV]. P 18 Apr 85 lot 424 £440

CELLARIUS, A. Harmonia Macrocosmica. Amsterdam, Jansson, 1661

FIRST EDITION, second issue, allegorical title, 29 charts, fully coloured throughout in wash and outline, one or two splits at centre-folds and elsewhere repaired without loss of surface, small marginal waterstain mostly affecting the text, contemporary gilt-panelled vellum, g.e., slightly soiled [cf. Koeman IV, Cel I and 2; Brown, Astronomical Atlas, pp., 40-41], folio (505 by 330mm.). \$ 2 & 3 May 85 lot 99

Another edition. Amsterdam, Schenk & Valk, 1708

Gr.-Fol. 2 Bll., 26 (st. 29) kolor. Ktn. Ldr. d. Zt. Koeman IV, Cel 3; Phillips 4274; BM, Cat. of Printed Maps IV, 28 Ausgabe Ohne Text. Es fehlen der Kupfertit. u. die Karten 24, 27 u. 28. Nur gering finger- u. stockfl. Vereinz. Bugeinrisse. Kte. 29 knitterfaltig u. mit kl. Rand- u.

Bugschäden. HK 7-9 May 85 lot 728 DM 12,075 COLE, G. & J. ROPER. The British Atlas. London, 1810 col. maps, 20 uncol. plans, cont. cf, rebacked, 4to. P 18 Apr 85 lot 425

DELISLE, G., P. BUACHE & J. A. DEZAUCHE. Atlas

Géographique. Paris, 1789

2 vols... large folio, 555 by 420mm., on guards, contemporary calf, badly worn and broken, titles and each map with perforated library stamp, vol. 1 dampstained as far as may 35 and from maps 70-86, some less severe dampstaining in vol. 2, map of Southern Hemisphere badly torn and renaired some lears to central felds and other torn and repaired, some tears to central folds and other tears, lacks maps of Ancient Greece and Ancient Italy, 2 title-pages, 2 lists of contents and 152 mapsheets, all maps colored in outline, with printed numeration including the preliminary leaves and bis- numbers from 1-156 (lacking nos. 144 and 148). Phillips 671. Sold not subject to return. CNY 14 May 85 lot 279

DEZAUCHE, J. A., see Delisle, G.

DIX, T. & W. DARTON. The Counties of England. London, [1835]

42 maps neatly coloured throughout, occasional light offsetting, contemporary half russia, gilt, slightly rubbed, bookplate of Thomas Cubitt [edition not in Chubb, but cf. CCCLXXXVII [1822 edition); Hodson (Hertfordshire) 76 (locating only the Allen copy, Preston)], folio S 2 & 3 May 85 lot 59 £1.870

DOWER, J. A New General Atlas of the World. London, Teesdale, 1835

Title, index, 46 maps, 1 thematic plate, neatly coloured in wash and outline, one map inserted from another copy, occasional faint offsetting, modern boards [Phillips, Atlases 772], folio (372 by 260mm.). S 2 & 3 May 85 lot 123

ENGLISH PILOT. [Part I] Southern Navigation . . . [Part III] Mediterranean. London, 1771

[Part I]. title with woodcut royal arms, 22 charts (2 defective), numerous engravings or woodcuts in the text. Part III title with woodcut royal arms, 17 charts, numerous engravings & woodcuts in the text, together 2 works in 1 vol., some dampstains or slight discoloration, many charts loose, disbound within boards, housed in modern box Ineither edition in British Library, Phillips, Atlases, nor National Maritime Museum Catalogue 3, but cf. 423 (Part I, edition of 1776) and 425 (Part III, edition of 1767)], folio (481 by 320mm.)

S 2 & 3 May 85 lot 243 £1.540

FLAMSTEED, J. Atlas Celeste. Paris, 1795

30 charts, contemporary calf-backed boards, lightly rubbed.

Cs 31 May 85 lot 31

[FRENCH ADMIRALTY]. 1775

37 charts, cont. cf, defective, folio. P 18 Apr 85 lot 421

FULLARTON, A. The Royal Illustrated Atlas. Edinburgh,

Folio, title and 75 maps, coloured in outline, lightly rubbed. Cs 31 May 85 lot 284.

GASPARI, A. C. Allgemeiner Hand-Atlas. Weimar, [1804] Gr.-fol. Tit. u. 57 (statt 60) grenzkol. Ktn. Hldr. d. 2 stark bestoßen u. Rücken geplatzt. Nicht bei Phillips. Tit. geknittert, eingerissen u. angestaubt. Karten sauber. Mit schöner Australien-Karte. – Es fehlen: Niedersächs. Schweden/Norwegen u. Amerika. RA 16-20 Apr 85 lot 3460 DM 3105

GREENWOOD, C. & J. Atlas of the Counties of England. London, 1834

Title, 31 col. maps, 3 torn along fold, offset on many maps, lacks upper cover, folil P 18 Apr 85 lot 416

HALL, S. A New General Atlas, London, 1830

Title, index, 53 maps, brightly coloured in outline, occasional marginal spotting, some defects affecting mostly the European section, contemporary half russia, defective, morocco gilt label on upper cover, bookplate of National Maritime Museum (inserted in error while on deposit) [Phillips, Allaes 756], folio (602 by 482mm.).

S 2 & 13 May 85 lot 122

HEVELIUS, J. Selenographia. Danzig, 1647 Fol. Tit. (mit kl. Ansicht Danzigs unten), Porträtkupf., 109

(statt 111) Taf. auf 89 (20 beiderseitig bedr.) Bll. u. 26 Textkupf. 14 Bl., 563 S. Prgt. d. Zt; 3 kleine Fehlstellen im Rücken, Bibl. Dt. Mus., Libri rari 135; Roller-Goodman I, 538; Waller 12059; Graesse III, 267; Wolf, Hist. of Science I, 182 f.; NDB IX, 59 ff. Gutes, kaum fleckiges Exemplar. Stellenweise kurze Unterstreichungen von alter Hand. den 1-40 num. Mondphasen-Karten fehlen die beiden mittleren (Nr. 20 u. 21); bei S. 547 ist eine zusätzliche, nicht im Tafelverz, genannte Tafel mit der Signatur "RRR" eingefügt, die jedoch, zwischen Taf. "QQQ" und "T*" plaziert, sicher zum Werk gehört, mindestens zu einem Teil der Auflage (in vielen Expl. nicht vorhanden.!). RA 16-20 Apr 85 lot 611 DM 7130

& HEIRS. [Composite Atlas]. HOMANN, J. B.

Nuremberg, 1729-45

32 altkol. Karten bei J. B. Homann (21), Homann Eerben (10) u. M. Seutter (1), Gr.-Fol. 3 Bll. Drucktext am Schluß: "Africae tabula synoptica". Ldr. d. Zt, berieben. Im ganzen gut erhalten. 2 Ktn. (Norwegen u. Afrika) mit kleinem Braunfleck, 5 Ktn. mit kleineren Bug- od. Randeinrissen meist unten. 3 mit leichtem Wasserrand oben, 1 (Balkan mit Griechenland) mit 2 längeren Einrissen unten bis ins Kartenbild. DM 5175 RA 16-20 Apr 85 lot 3463

Kleiner Atlas Scholasticus von Achtzehen Charten.

Nuremberg, Hamburg or Leipzig, [1750]

Allegorical additional title, printed title incorporating contents list, 18 maps coloured in wash and outline, without Hübner's text, a few stains and repairs without significant loss of engraved surface, contemporary calf-backed vellum boards, worn [not traced in Phillips, Atlases], folio (530 by

S 2 & 3 May 85 lot 108

S 2 & 3 May 85 lot 110

- Stadt-Atlas. Nuremberg, 1762

Title incorporating index, 95 mapsheets all fully coloured in a contemporary hand, occasional faint discoloration, one or two tears skilfully repaired without loss of engraved surface, contemporary blind-stamped calf, rubbed, spine and corners neatly repaired [cf. Sandler, Johann Baptista Homann (1979), p. 99 ff.], folio (528 by 330mm.). S 2 & 3 May 85 lot 112

HÜBNER, J. Iohann Hübners bequemer Schul-Atlas.

[Nuremberg, Homann, or Hamburg, Hübner], 1754
Title incorporating contents list (cut round and mounted), 18 maps coloured in wash and outline, laid on thick paper throughout, a few stains and repairs with occasional slight loss of engraved surface, contemporary limp blind-stamped calf lettered 'Atlas scholasticus' [not traced in Phillips, Atlases], folio (505 by 310mm.).

IRISH RAILWAY COMMISSION. Atlas to accompany 2d Report of the Railway Commissioners Ireland 1838. 1838 Tille and six engraved or aquatint maps, the geological map fully hand-coloured, some staining or light offsetting, limp cloth, morocco gilt label, large folio (660 by 500mm.). The

first use of three separate statistical techniques, devised by Henry D. Harness, and the first geological map of Ireland, by Richard Griffith. The three maps by Harness show the density of population, projected density of traffic by means of 'flow lines', and projected quantity of that traffic by means of shaded bands. These types of mapping appear for the first time in any atlas. The geological map, signed by Griffith, apparently precedes by one year its official

publication. S 2 & 3 May 85 lot 60

JANSSON, J. Atlas Novus, vol. 3, part 2 [America]. Amsterdam, 1645 Gr.-Fol. Tit. mit altkol. Bordüre u. 21 altkol. Karten; 1 Bl.

(Indice). Mod. Pp., alter Goldschnitt. Die Karten mit den Signaturen bbbbb - ttttt stimmen jedoch mit denjenigen der französ. Ausg. von 1639 überein (= Koeman Me 93B, No. 95-112 bzw. Phillips 3422, No. 94-111). Davon sind 9 H. Hondius excudit bezeichnet (die 1. ist 1631 dat.), 5 J. Janssonius excudit u. 4 unbezeichnet bzw. Bez. getilgt. Die Kte. fffff (Nova Virginiae tabula) vielleicht aus anderem Kte. fffff (Nova Virginiae tabula) vielleicht aus anderem Expl. ergänzt, ein wenig enger beschnitten u. im Bug geplatzt. – Die 3. zusätzl. Brasilien-Ktn. mit den Signaturen Y, Aa3, Z mit den Tit. "Capitaniarum de Phernambuco, Itamaraca, Paraiba, et Pio (sic) Grande nova delineatio" (unbez.); "Capitaniae de Cirii et Parnambuco" (unbez.) und "Olinda de Phernambuco". Die zusätzl. Ktn. Y u. Z mit latein. Rückendtext, Aa3 ohne Rückentext. – Teilw. gleichmäßig schwache Papierbräung. 4 Ktn. mit meist kleineren Bugeinrissen (bei einer hinterlegt), die Kte. "Nova Hispania et Nova Galicia" unten mit hinterlegtem Einriß neben dem Bug bis ca. 5 cm unten mit hinterlegtem Einriß neben dem Bug bis ca. ins Kartenbild hinein

RA 16-20 Apr 85 lot 3464 - [Sea-Atlas]. Amsterdam, 1650

Title with printed paste-on slip, 33 mapsheets coloured throughout in a contemporary hand, the title (heightened with gold) and all embellishments fully so, browning throughout (as usual) one or two splits repaired without significant loss, contemporary gilt-panelled vellum, g.e., soiled [cf. Koeman IV, Me 164], folio (500 by 335mm.) S 2 & 13 May 85 lot 238 £3.080

- Zee-Spiegel, Amsterdam, 1652/53

2 parts in 1 vol., title with printed title pasted on, 2 printed titles, 65 charts and views, numerous diagrams (2 with moveable volvelles) and coastal profiles in the text, engraved title repaired, several margins shaved affecting engraved surface, some waterstaining or browning throughout, contemporary boards, worn [cf. Koeman IV, M. Ja 2 (64 charts); Goos 17], folio (442 by 280mm.). The atlas appears to collate as the 1650 edition of Pieter Goos's Zee-Spiegel. which was issued by Jansson (with his imprint in 1652 However, the present copy with printed titles dated 1653 appears to be unrecorded. S 2 & 3 May 85 lot 239 £5,280

KEERE, P. van der., see Speed, J.

Keulen, J. van. Flambeau de la Mer. Amsterdam, 1684-89 5 parts in 1 vol., 5 allegorical titles, 136 map-sheets, the titles and charts finely coloured throughout in a contemporary hand, most heightened with gold, numerous

DM 18,400

woodcut coastal profiles and smaller detail charts in the text also hand-coloured, occasional errors in pagination (as often found), one or two short tears at centre-folds without loss, marginal repairs to chart 20 in Part V without loss, chart 24 in the same repaired with some loss (mostly in the sea areas), a few creases, occasional faint browning mostly in the text, contemporary gilt-panelled calf, modern brass corner pieces and shields at head and tail of spine. Part 1, 34 charts, including Blaeu's 'Nova Totius Terrarum Orbis' [1662] [Shirley 428], (a scarce issue of this plate). 'Paskaart van de Zuyder Zee' is not present and appears not be called for in the chapter index: it is in Part II. Title dated 1684: Koeman does not cite an edition of Part I of this date with French text; collation approximates to Keu 33B; Part II, 38 charts. 'Paskaart van de Zuyder Zee' in place of the Texel chart. Title dated 1681, collation approximating to Keu 57B and 82A; Part III, 17 charts. Title dated 1689, the last digit in manuscript: not cited by Koeman with French text; collation approximates to Keu 87A and 102B, 102C; Part IV. 24 charts. 'Pascaarte van de NoorderZee custen van America' transposed from Part V. Title dated 1689, the last digit in manuscript: again, not so cited by Koeman with french text; otherwise collation as Keu 109B and 118A, 118C; Part V, 23 charts. Title dated 1684: Koeman does not cite an edition of Part V of this date with French text; otherwise similar to Keu 123B. S 2 & 3 May 85 lot 241

KITCHIN, T., see Boswell, H.

LA FUEILLE, D. de. [Les Tablettes Guerrieres]. Amsterdam, 1708

Schm.-8vo. 31 (st. 32). Taf. 15 u. 16 S. Text. Mod. Ldr. Koeman, LaF 7. – Hubscher Taschenatlas zur illustration der Ereignisse des spanischen Erbfolgekrieges. Ganz leicht gebräunt. In den Faltstellen manchmal etwas eingerissen. Es fehlen Tit. u. Karte 12. RA 16-20 Apr 85 lot 3472

DM 1495

LANGEREN, J. Van. [A Direction for the English Traveller. London, 1636]

Circular general map, 39 maps with distance tables, table showing distances in Wales, 3 leaves of text, lacking title, occasional flaws affecting engraved surface of one or two plates including repaired tears, slight waterstain, seventeenth-century law calf, slightly worn [cf. Skelton 21; STC 104211, 8vo. S 2 & 3 May lot 48

LATTRE, see Bonne, R.

LE CLERC, J. Atlas de la Géographie Ancienne [etc.] Amsterdam, Covens & Mortier, [1705]

Additional engraved title, two printed titles, supplementary printed title (see footnote), 94 mapsheets (including 2 folding calendar tables), printed index listing 100 subjects (including titles, preliminaries and maps), the maps neatly coloured in outline, occasional light browning at folds, one or two minor repairs, contemporary gilt-panelled calf [cf. Phillips, Atlases 3283 (92 maps only); Koeman II, C&M 15 (89 maps only); ibid. III, Mor 4 (the same)], folio (532 by 335mm.). The supplementary title indicates that this copy once formed part seven of a multi-volume composite atlas (in at least seven volumes), assembled by one Charles François Custis of Brugge, Belgium in 1740. The binding is slightly oversized indicating presumably the set was bound to this size.

S 2 & 3 May 85 lot 101

LENGLET DU FRESNOY, N. Kurz verfasste Kinder-

Geographie, Nuremberg, 1746
Kl.-fol, Mit 8, kol. Ktn. 2 Bll., 55 S. Hldr. d. Zt., Rücken
ifol, mit 8, kol. Ktn. 2 Bll., 55 S. Hldr. d. Zt., Rücken
gez (andere Ausg.), – Seltener Atlas für die Jugend. 3 der
hübsch kol. Ktn. mit kl. Tintenflecken, 1 mit kurzem, hinterl. Randeinriß. RA 16-20 Apr 85 lot 3474

LE ROUGE, G. L. Atlas Nouveau Portatif, Paris, 1756.

(Printed title and text to L'Introduction de la Géographie), engraved title, 90 maps, coloured in outline and one plate of flags mounted on guards (one or two maps shaved), contemporary mottled calf, gilt spine, morocco label (slightly rubbed), 4to.

- Atlas Portatif des Militaires, vol. 2. Paris 1759

Title and 101 maps, mounted on guards, hand-coloured (a lew maps slightly browned), contemporary mottled calf, gilt spine, morocco labels, 4to. CA 8 May 85 lot 394 £5130

- Receuil des Côtes Maritimes de France. Paris, 1757

Fittle, key map and 50 maps, contemporary mottled calf, gilt spine, morocco label, 4to.

CA 8 May 85 lot 395

MAELEN, P. van der. Atlas Universel. Brussels, 1827 7 vol. including statistical tables to vol. 1, titles, 6 (of 7)

index maps, 381 lithographed mapsheets (mostly coloured in outline) as called for on index sheets, 2 plates showing altitudes (one only called for, the other from a contemporary French atlas), printed prospectus on front paste-down of first vol., occasional faint mostly marginal dampstains, titles forvior, occasional fain monty marginal aumpsiants, titles a little spotted, contemporary boards, worn (some spines defective), gilt labels [cf. Koeman III, Vdm 1; National Maritime Museum Catalogue 3:179; Phillips, Atlases 749], large oblong folio (565 by 740mm.) and folio (565 by 380). Estimates of the total number of maps vary. Aside from the missing provisional index sheet in vol. IV, the present 381 maps appear to be as called for in the index although some sheet numbers differ from those given by Koeman – the Library of Congress copy [Phillips 749] contains 379 maps only. For example, vol. I is numbered from 1 to 27 only and vol. IV contains only one sheet 57bis as called for. It would seem that the duplicate numbers given by Koeman refer to provisional editions of those sheets.

S 2 & 13 May 85 lot 121

MERCATOR-HONDIUS. Atlas. Amsterdam, 1619

Gr.-Fol. Kolor. Tit., 2 Bll. Index, Portr., 1 Bl., 28 SS., 1 unn. Bl., SS. 29-378 (ohne 97-8, 199/200, 301/2) meist als Doppelbll. mit 153 (st. 156) kolor. Ktn., 3 (st. 4) kolor. gest Zwischentit., 18 Bll. Index. Pgt. d. Zt. mit ornament. Verg. Koeman II, Me 26B. – Der fast vollständige Atlas mit den dekorativen Karten in prachtvollem altem Kolorit, ausnahmslos breitrandig u. von ausgezeichneter ausnahmslos breitrandig u. von ausgezeichneter Erhaltung. Die Falze vollst. sorgfältig erneuert und am Bug meist mit dünnem Japan verstärkt und nur vereinzelte leichte Quetschfalten bzw. Einrisse kaum sichtbar hinterlegt. 2 Textbll. mit leichten Randausbesserungen. 1 hinterlegt. 2 Textbll. mit leichten Randausbesserungen. 1 Kte. re. angerändert (bei vollem Plattenrand). Unbedeutend fleckig. – Es fehlen d. Zwischentit, für Belgien, 2 Widmungen, dat. 1609, d. Epitaph zum Tode Mercators, die Ktn. von Rußland, Flandern u. Verona. Tit. ausgeschn. u. etwas defekt aufgezogen, die beiden Indexbll. mit Einrissen u. Klebspuren, alle lose. Das schöne große Doppelportr. von Mercator u. Hondius mit einigen Schabstellen. Ab S. 1 ausgezeichnet erhalten. Einbd. fleckig, Kratzspuren, Rücken, Kanten u. Gelenke sorgfältig restauriert. HK 7-9 May 85 lot 734 DM 48,300

- Another edition, Amsterdam, 1632

Qu.-4°. Daraus: SS. 119-120, 405-406 u. 411-541 mit 34 Karten. Koeman Me 200. Ungenau paginiert. Etwas ebräunt u. gering fleckig. Einige Bll. lose. HK 7-9 May 85 lot 735 **DM 3070**

-[Atlas Minor, Amsterdam, 1610]

Ouer-4to. Mit I gest. Allegorie u. 154 Karten. 3 (statt 4) Bll., 684 S. u. 1 Bl. nach S. 260. Ldr. d. 19. Jh., Kanten leicht berieben. Koeman Me 189 A; Phillips 429. "Lyonnois" ist versehentlich doppelt abgedruckt, die an ihre Stelle gehörige Kte. "Lotharingia Meridiona" ist dafür auf 1 Extrabl. (nach S. 260) ohne Rückentext eingefügt. Wie bei Phillips ohne die von Koeman erwähnte zusätzl. Kte. "Tierra del Fuego". – Meist schwach gebräunt. Am Anfang u. Schluß schwache Wasserändchen meist nur in den Rändern. Fehlt der gest. Titel; dafür sind am Anfang zugefügt: Doppelporträt Hondius/Mercator in Federzeichnung; Porträtkupf. Mercators von N. L'Armessin; gefalt. Kupfertit. von Mercators "Atlas sive cosmographiae meditationis" von 1630.

DM 10.580 RA 16-20 Apr 85 lot 3477

- Another edition. Amsterdam, 1651

2 vol. in 1, 2 titles, 215 maps (including one extra map, of Cleve and Muers, on a leaf Hh5 between pp. 248 and 249 of first vol. not mentioned by Koeman), worming in inner lower corners through first part of first vol., one or two minor repairs elsewhere, half calf [cf. Koeman II, Me 204; Phillips, Atlases 461], oblong 4to. £2.640

S 2 & 3 May 85 lot 95

- see also Jansson, J.

MOGG, E. A Survey of the High Roads of England and Wales. London, 1817 Vol. I [all published], additional title (dated January 2

1822), general map and 223 road maps in strip form on 112 plates, neatly coloured, occasional light stains, modern half calf [not in Chubb, but cf. Fordham, p. 54 (an edition of 1817)], 4to. Not in British Library in this form. Neither Fordham nor Kingsley (Sussex), Addenda 16, mentions the additional title dated 1822. The work was probably issued in parts from 1814 or 1815, but apparently never completed. S 2 & 3 May 85 lot 58

Another copy
Additional title (dated September 1, 1816) general map 223
road maps on 112 plates, neatly coloured, occasional light
stains or slight offsetting, modern cloth preserving russia
spine [cf. Fordham, p. 54; Kingsley (Sussex), Addenda
[Kijii] Ar. 16(iii)], 4to. £385

S 14 & 28 May 85 lot 124

MOLL, H. Atlas Manuale. London, 1709 FIRST EDITION, title, 43 maps occasional faint browning, contemporary panelled calf, upper joint weak [cf. Phillips, Atlases 553; National Maritime Museum Catalogue 3:395], £605

S 2 & 3 May 85 lot 102

- Atlas Minor, London, [1732]

Title incorporating contents advertisement leaf, 62 maps neatly coloured in outline throughout, title slightly soiled, one map (of the British isles) torn and repaired with loss of engraved surface, several of the folding maps strengthened: Templeman (T.) A New Survey of the Globe, title, list of subscribers, 35 tables. [1729], together 2 works in 1 vol., contemporary quarter calf, worn [cf. Phillips, Atlases 574 (1729), edition with Theodometry 1, 2579]. (1729 edition with Templeman) and 5781, oblong 4to. Although Phillips 574 includes Templeman's work in the 1729 edition, the present copy of Moll's atlas (with the T

Bowles and J. Bowles imprint) is datable to 1732. Phillips does not call for the Templeman Survey in this edition. The map of New England is one of the earliest published showing the post roads.

S 2 & 3 May 85 lot 105

- Another edition. London, [1736]

Title (incorporating contents), contents list, 56 (of 62) maps coloured in outline, one or two tears affecting engraved surfaces, contemporary calf [cf. Phillips, Atlases 585], 4to. S 2 & 3 May 85 lot 106

- see Salmon, T.

MORDEN, R. Atlas Terrestris. London, n.d.

12mo., title, 73 maps only most on guards, 14 coloured in outline, list of maps lacking, title soiled, crudely coloured and laid down, library stamp affecting title and borders of seven maps, map of New England laid down, some margins soiled, later sheep, rubbed and scuffed; sold not subject to return. Cs 29 Mar 85 lot 234

- Magna Britannia et Hibernia. London, 1714-31

oval, additional title showing Queen Anne, 47 maps, 3 plates, 40 tables of distances numerous woodcut illustrations in the text, engraved title torn without loss, occasional discoloration affecting text, contemporary calf, properly a slightly work [Modewn 129], 410spines gilt, slightly worn [Hodson 128], 4to. \$ 2 & 3 May 85 lot 54

MOULE, T. English Counties Delineated. London, 1839 2 vols., 59 col. maps and plans, some text stained, hf cf gt, 4to, w.a.f.

P 18 Apr 85 lot 304 £616

- see Barclay, J.

MÜNSTER, S. Cosmographia. Basel, Petri, 1592

Title (with portrait of Münster), 26 woodcut maps with printed title and woodcut headpiece on verso of each, 70 printed title and woodcut neadpiece on verso of each, 70 other maps, plans and views (2 folding, defective) and approximately 1280 woodcuts in the text, portrait and several headpieces coloured in an early hand (several heightened with gold), some browning throughout, a few margins just shaved, a few repairs, a few irregularities of pagination and signature, vellum boards, repaired, soiled [cf. Burmeister 82; Sabin 51394], folio; sold not subject to return. S 2 & 13 May 85 lot 93

 Another edition. Basel, [1628]
 Wanting title and all before A¹, all after CCCcc⁶, and several leaves of text, 61 maps and views, numerous others in the text, the 2 large panoramic views defective, many repairs, some stains and browning, modern boards [cf. Burmeister 861, folio, sold not subject to return. S 14 & 28 May 85 lot 158

- see Strabo

NORDENANKAR, J. & G. KLINT. [Sveriges Sjö-Atlas. Stockholm 1788-1816]

33 charts of Northern Europe to the Atlantic coast of the Straits of Gibraltar, bound together, large atlas folio, 700 by 525mm. on guards, old half roan, broken and defective, ink library stamps on each sheet, maps 17, 21, 26 and 33 with perforated library stamp, some stains, small tears and occasional minor defects, typed list of contents bound at front, each map with earlier ink numeration and several with original printed numeration, this numbering superseded at the time of binding and the sequence complete. Not in Phillips (see 2854 for a later atlas by Klint with 61 maps dated 1832-45). Sold not subject to return.

ORTELIUS, A. Theatrum Orbis Terrarum. French text. Antwerp, 1581

Fol. Tit., Porträt u. 93 Ktn., sämtlich koloriert. 6 Bll. Vorstücke u. 6 Bll. Reg. Ldr. d. Zt. mit Rvg Deckelfileten u. ornamentalem Mittelstück, etwas bestoßen und Kanten beschabt. Koeman, Ort. 17. Wohlerhaltenes, sauber koloriertes Exemplar mit nur wenigen kleinen Mängein. Tit. verstaubt u. geknittert, seitl. hinterlegt. Mexikokte. mit kl. Riß u. Loch; Sevilla mit Ausriß im weißen Rand, ebenso Poitou; Anjoy in der Mitte eingerissen. Einige unbedeut. Randhinterlegungen. 2 Karten verbunden. Schlußblatt geknittert, beschäd. u. Ränder hinterlegt. Sehr Schildbolat geknitert, vessinder versinder versinder beitrandig, weisser Rand stellenw. etwas waserfle, kaum einmal bis ins Bild. Register stark wasserfleckig.

RA 16-20 Apr 85 lot 3479

DM32,200

- Another edition. Latin text. Antwerp, 1612

3 parts in one, large folio, 505 by 335mm., on guards, contemporary blindstamped goatskin, covers badly worn. title remargined and with perforated library stamp which appears again in the margin of map 97, a few sheets browned and brittle, the others slightly darkened, map 23 (Gallia) and orthee, the others stignity darkened, map 23 (Odilla) parted at central fold, a few central folds creased, a few slight old marginal repairs and remnants of later blue paper tabs stuck down to a few margins, Parergon lacks preliminary text leaf, FINAL AND MOST COMPLETE LATIN EDITION, title with coat-of-arms of King Philip of Spain on verso, epitaph to Ortelius, portrait of Ortelius, 5 engravings in text; Parergon title, Nomenclator title with Old World map, 166 mapsheets (128 + 38) including the two plates of coat-of-arms of the German States and the

CNY 14 May 85 lot 347

OWEN, J. & E. BOWEN. Britannia Depicta. London, 1720 VEN., J. & E. BOWEN. BITIAINIA DEPICTAL EDITION, 1720 I vol. in 2, FIRST EDITION, first issue, title, two leaves of tables 273 pages of maps intercollated with blank leaves, GENERALLY A CLEAN COPY, IN FINE IMPRESSIONS THROUGHOUT, contemporary panelled calf, gilt, slightly rubbed [Hodson 149], 8vo. S 2 & 3 May 85 lot 50

Another edition. London, 1720 [but c.1723]

FIRST EDITION, a later issue, title and two leaves of index, 273 pages of maps, publisher's catalogue at end, occasional faint soiling, adhesive tape marks affecting front fly-leaf, contemporary calf, gilt, slightly worn [Hodson 154; issue not in Chubb], 8vo. S 2 & 13 May 85 lot 51

- Another edition. London, 1724

Fourth edition, title, tables on two leaves, 273 pages of maps, inscription on title, modern blind-panelled calf [cf. Hodson 155; Chubb CL], 8vo. a fine copy, in slip-case. S 2 & 3 May 85 lot 52

PORCACCHI, T. L'Isole piu famoso. Venice, 1576 3 parts in one, folio, 298 by 200mm., old quarter morocco

gilt, backstrip broken and detached, some occasional spotting or browning, ink accession number on dedication. Second Edition, title, 47 maps inset in text, ornamental woodcut initials and headline ornaments. Phillips 167:

CNY 14 May 85 lot 350

\$1,155

PTOLEMY, C. Geographia [trans. Pirckheymer]. Lyon,

Fol. 50 Ktn. u. einigen Holzschn.-Fig. im Text. 149 S., 1 Bl. 98 Bll. (Kartenteil). 38 Bll. Index. Mod. Prgt. BM, French Books 367; Sanz 169; Phillips 364; Nordenskiöld 22; Sabin 66483. Breitrandiges, insgesamt wohlerhaltenes Expl. Til u. Schlußbl. verstaubt u. restaur. Erste Textbll. mit restaur. Einriß. Schweizkte. mit kl. Braunfleckchen. Fries-Weltkarte etwas gebräunt. 6 Register-Bll. restauriert u. angerändert. Libyenkte. am Bildrand fleckig u. 3 Löcher sorgfältig restauriert (etwas Bildverlust).

RA 16-20 Apr 85 lot 3480 DM28.750

- Another edition [trans. Ruscelli Gastaldimaps,]. Venice, 1561

3 parts in 1 vol., 27 maps of the ancient, 37 of the modern world all on vellum guards (one or two misbound), numerous woodcut diagrams in the text, occasional light stains, small wormholes affecting first few leaves touching some letters, inscription in ink on main title, sixteenth-century Italian olive morocco inlaid with arms in black. brown and red morocco, and vellum, gilt, spine gilt, repaired, g.e. gauffered in an arabesque design [cf. Nordenskiöld Collection 2:216; Phillips, Atlases 371; Sabin 665031, 4to.

arms decorating the binding appear to be those Don Alvaro de Bazán, first Marqués de Santa Cruz (1526-

S 2 & 3 May 85 lot 88

 Another edition. [Gastaldi maps]. Venice, 1548
 Title borders, woodcut portrait of Ptolemy, 26 maps of the ancient world and 34 of the modern world. numerous woodcut diagrams in the text, woodcut device on registro leaf and at end, lacking elaves + VI, VII and portions of + V and teaj and alena, tacking etuves + , and portions y + and the state of t

S 2 & 3 May 85 lot 86 £2,420

- Another edition [ed. Magini]. Arnhem, Jansson, 1617

2 Tle, in 1 Bd. 4to. 1 Tit., 1 gest. Titelbordüre, 64 Karten sowie zahlr. Holzschn.-Fig. im Text. 3 Bll., 47, 182 S., 21 Bll. (I. w.); 288 (falsch 284) num., 28 nn. Bll. Ldr. d. Zt.; etw. bestoßen u. Rücken beschäd. Sanz No. 45; Phillips 432. Durchgehend leicht gebräunt. Am Anfang von Tl. 2 (zwischen Bl. 8 u. 9) sind die Bünde gerissen, so daß der Buchblock hier auseinanderklafft. 3 Ktn. sind über andere,

wohl falsch abgedruckte, geklebt. RA 16-20 Apr 85 lot 3476

RAPIN DE THOYRAS, P. [The History of England. c.1750] Atlas vol. only, manuscript contents list, 73 mapsheets. Contemporary calf-backed boards, worn, folio. S 2 & 3 May 85 lot 109

REILLY, F. J. J. Atlas Universae . . . Post-Atlas. Vienna,

Gr.-Fol. Tit., Textbl., 40 kolor. Ktn., 5 gest. gefalt. Bll. Reg. Hpgt. Am Schluß ein großes gest. Ortsregister. – Tit. u. Textbl. etwas angestaubt, an d. Rändern verstärkt, die Karten breitrandig, kaum fleckig. Die Reg.-Bll. etwas angeschmutzt, kl. Einrisse hinterlegt.

HK 7-9 May 85 lot 737 DM 3450

ROBERT DE VAUGONDY, G. Atlas Portatif. Paris, 1748[-9] Tit, 2 Bil. Inhlt, 1 Schemataf. u. 208 grenzkol. Ktn. Ldr. d. Zt. m. Rvg. u. Rsch. etwas berieben u. Ecken bestoßen. Phillips 608. Breitrandig u. fast fleckenfrei. Kupfertit. mit hs. Besitzvermerk, die letzten beiden Ktn. mit leichter

DM 5175

RA 16-20 Apr 85 lot 3481

ROBERT DE VAUGONDY, G. & D. Atlas Universel. Paris, 1757[-8]

Allegorical title, printed advertisement leaf and 20 leaves printed text including lists of subscribers, 107 maps variously dated between 1750 and 1758, coloured in outline, many in fine impressions, a few stains, dampstains or minor repairs without loss of engraved surface, vellum-backed boards, slightly worn [cf. Phillips, Atlases 619; National Maritime Museum Catalogue 3:266/ folio (510 by 375mm.), Paris.

S 2 & 3 May 85 lot 113

RUSSELL, P. & O. PRICE, England Displayed. London, 1769

2 vol., title, advertisement, 51 maps, 81 plates showing views, list of subscribers, without the engraved title and map of Cornwall, a clean copy throughout, contemporary sprinkled calf, spines gilt [cf. Chubb CCXXXVI, Hodson (Hertfordshire), 31(vi)], folio S 2 & 3 May 85 lot 55

SALMON, T. Modern History. London, 1744-46

3 vol., third edition, titles, 43 maps and plans (mostly by H. Moll) and 48 plates showing 62 subjects, one folding map torn without loss, a clean set, publisher's calf-backed boards, worn, uncut, folio. S 2 & 3 May 85 lot 233

SANSON, N. Die gantze Erd-Kugel. 1679

ANSON, N. Die gantze Erd-Kuget. 16/9
4 Tle. in 1 Bd. Ffm., 4°. 2 Bll., 184; 78 SS., 1 w. Bl., 71; 79
SS., 64 (1 grenzkolor.) Kupferktn. Pgt. d. Zt. Minimal gebräunt, Teil II, S. 53 ff. tlw. mit Wurmgang. Einige Ktn. mit kl. Defekten. Linke Hälfte d. Kte. S. 162 vom Bug gelöst, Teil III, Kte. S. 30 im w. Rand hinterlegt. Einbd. gedunkelt u. gering fleckig, Vorderdeckel etw. aufgebogen. Vorderes Gelenk eingerissen, Kapitale etw. lädiert. HK 7-9 May 85 lot 739

SAXTON, C. & P. LEA. [The Shires of England and Wales. London, Willdey, c.1730]
Untitled, but with manuscript contents list neatly written in

ink, 39 maps (see footnote), coloured in outline in a contemporary hand, and generally in good impressions, one or two minor tears repaired without loss, margins of map of Ireland frayed with some loss of borders, occasional faint stains or dust-soiling, contemporary limp paper boards, rather worn (lettered 'Mapps of England, Ireland, Wales, Isle of Wight &c: &c.') [cf. Skelton II2 (notes); Evans and Lawrence p. 53 ff.; Whitaker VIIIb (see note); Hodson 183 (especially pp. 145-146)], folio (480 by 305mm.) several address most.

31 maps are the Lea re-issues of Saxton's [1693] states with George Willdey's imprints: 2 (Devon and Northumberland) are by Lea after Saxton, Devon engraved by Francis Lamb, with Willdey's imprints; and one each by Lea himself (the Isle of Wight and other islands), John Speed (Caernaryon, the Bassett and Chiswell issue without George Willdey after William Petty (Ireland), and Jonas Moore (Cambridgeshire), again with Willdey's imprint. No map of Staffordshire is present and is not called for in the list of contents.

No two copies of this late edition of Saxton's atlas appear to collate alike: Hodson (pp. 145-146), ascribing a date of c.1732 to Wildledy's atlas, notes five known copies, all of which are different. The nearest equivalent appears to be that described under Whitaker VIIIb. It is not possible to be certain of the date of the first publication of Willdey's edition; he seems to have sold the sheets singly (price 4d.) for several years from the 1720s until his death in 1748

\$ 2 & 3 May 85 lot 53

SCALE, B. An Hibernian Atlas. London, Sayer & Bennett,

Title and dedications, 37 col. maps, cont. cf gt, covers detached, 4to.

P 23 May 85 lot 415

SCHILLER, J. Coelum stellatum Christianum. Augsburg, Qu.-Fol. Mit 47 (statt 49) Sternkarten, 2. Himmelskarten

u. 1 Kupf. mit arab. Sternnamen, alle mit Drucktext verso. 118 (statt 134) S. In losen Blättern. Zinner 5078 Es fehlen: Gest Titel, 1 Bl. Privileg etc., aus dem gedr. Vorwort (S 1-28) die SS. 5-8 u. 11-16, die Sternbildktn. 9 (= S. 47/48) u. 40 (= S. 103/104), sowie J. Bartsch's Tabulae canonicae (S. 131-134/Schluß). Teilw. mit leichten Fingerspuren u. in den außersten Rändern etw. gebräunt. Taf. 4 mit Eckabriß unten u. etwas Bildverlust, Taf. 5 mit längerem Einriß unten. 3 Taf. im Unterrand hinterlegt, sonst nur vereinzelt geringfügige Randläsuren. Wenige Taf. meist nur im linken Seitenrande etw. knapper beschnitten.

RA 16-20 Apr 85 lot 3462 DM 1380

SENEX, J. [Modern Geography. London, 1708-25] 33 maps, one plate showing the Solar System, an additional map of the Netherlands (Laurie and Whittle 1794) inserted, the maps coloured in outline, one map damaged at outer margin with slight loss of surface (but without loss of geographical detail), occasional light dust-soiling, new half calf, gilt, in slipcase [cf. Phillips, Atlases 550 (an edition of 1725 or later); Stevens and Tree, Comparative Cartography (Addenda) 61(å)]. large folio (690 by 550mm.). - A New General Atlas. London, 1721

Title, ded. leaf, 3 page list of subscribers, 14 pages of arms, 3 uncol. town plans, 30 col. maps. English Empire in America with tear in centre fold (repairable), all clean with wide margins, old sheep rubbed, folio. P 18 Apr 85 lot 426

The Roads Through England Delineated, London, 1757 Oblong 4to, title, general map and 101 road maps only on 51 leaves, six additional road maps bound in, modern cloth; sold not subject to return. Cs 31 May 85 lot 287

SPEED, J. Theatre of the Empire of Great-Britaine. London, 1616

Latin text edition, allegorical title, royal achievement plate, 4 woodcut royal arms, 67 maps coloured in outline, the title, and map embellishments fully so, discoloration throughout, some repairs or strengthening, contemporary vellum, gilt, g.e., wanting ties [cf. Skelton 11; Chubb XXIVa], folio (422 by 305mm.).

\$ 2 & 3 May 85 lot 45

- Theatre of the Empire of Great-Britaine . . . together with a Prospect. London, 1676 Portrait frontis, laid down & 84 maps, only (of 96). (lacking

Anglesey. Cambridge, Ireland, World, Italy, Virginia, New England, Jamaica, Carolina, East India, Russia & Canaan). Disbound, some browning and separating to centrefolds of maps, fo. Sold as a collection of maps only, not subject to return

PNY 3 Apr 85 lot 298

\$6,820

- Another copy

Engraved additional title and achievement of Charles II frontispiece, printed title three sectional titles. 68 maps of the British Isles. 5 printed tables of road distances; Prospect, printed title, and 28 maps of all parts of World a few centre-folds and margins split or torn (several repaired), some nearlines shaved, occasional staining and creasing, nineteenth-century half calf, defective [cf. Skelton 92, Phillips, Atlases 488], folio (410 by 280mm.). S 2 & 3 May 85 lot 104

England Wales Scotland and Ireland Described, "Miniature Speed" [van den Keere maps]. London, Humble, 1627

Title (shaved), engraved Catalogue and 62 (of 63: Isle of Wight wanting, supplied in facsimile) maps, one or two minor tears repaired, small wormhole affecting a few leaves with minor loss, occasional soiling, contemporary limp vellum, soiled [cf. Skelton 17], oblong 8vo. The map 'Midia' (listed as no 64 in the printed contents list, is omitted from this and all later editions [Skelton, p. 57]).

S 2 & 3 May 85 lot 47

- Another copy Title and catalogue of shires, 63 maps, title soiled, one or two neatlines just shaved, but the maps generally in fine impressions, modern cloth [cf. Skelton 17], oblong 8vo. S 14 & 28 May 85 lot 122

STRABO, Rerum Geographicarum, Basel, Petri, 1571

Title (defective, repaired affecting letters), 27 woodcut maps (after Münster) and 6 smaller in the text (after Honter), device at end, occasional slight browning, but the maps generally good impressions, seventeenth-century vellum, soiled and rather worn [cf. Phillips, Atlases 3390; Nordenskiöld Collection 2:287], folio.
S 2 & 3 May 85 lot 87 £935

TAYLOR, T. England Exactly Described. London, [after

Title cleanly torn and 42 maps, six cleanly torn along folds.

Northumberland cleanly torn with loss, four folding tables, contemporary calf, worn. Cs 29 Mar 85 lot 48

TEESDALE, H., see Dower, J.

THOMSON, J. A New General Atlas. Edinburgh, 1817

HOMSON, J. A New General Atlas. Edinburgh, 1817 Dedication, two tables, 74 mapsheets neatly wash and outline coloured, occasional light offsetting or browning, one or two margins a little frayed, contemporary half calf, worn [cf. Phillips, Atlases 731], folio (540 by 430mm.). S 2 & 3 May 85 lot 119

- Another copy

Dedication, two tables, 74 mapsheets neatly coloured in wash and outline, one or two minor tears or light creases, contemporary half morocco, worn [cf. Phillips, Atlases 31], folio (545 by 420mm.). S 2 & 3 May 85 lot 120

WELLS, E. A New Sett of Maps. Oxford, [c.1700]

Folio, 37 maps only, several browned along fold or repaired at margins, title detached, later wrappers; sold not subject

Cs 31 May 85 lot 211

ZATTA, A. Atlante Novissimo, vol. I. Venice, 1779

Title, divisional title and 64 (of 70) maps and diagrams, the mapsheets coloured in outline, the embellishments fully so, light waterstain affecting a few margins, contemporary calf, worn [cf. Phillips, Atlases 650], folio (393 by 280mm.) £1.375 S 14 & 28 May 85 lot 159

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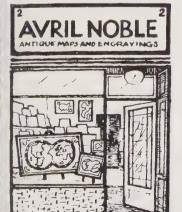
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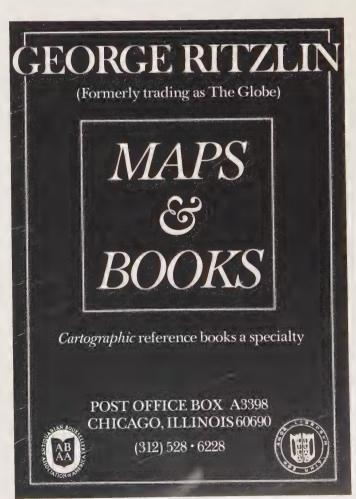
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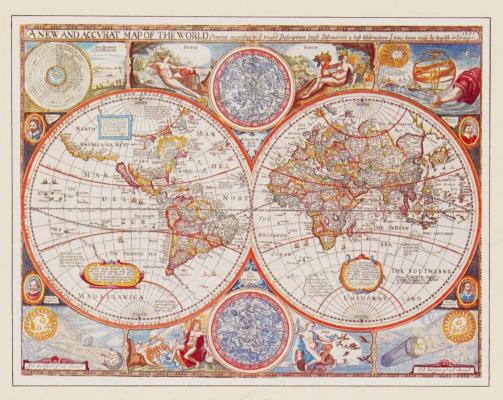


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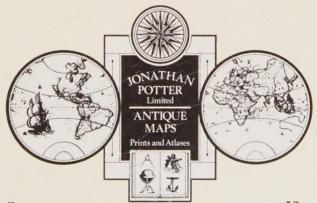


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