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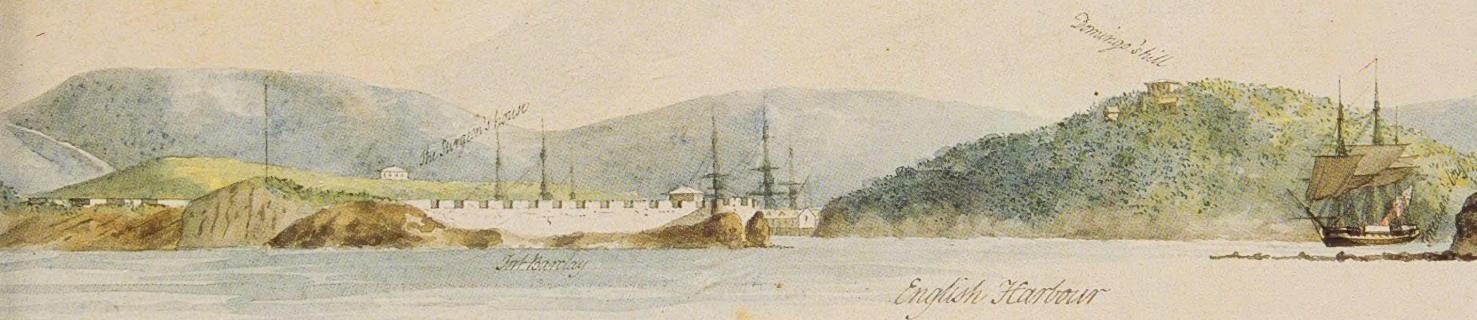
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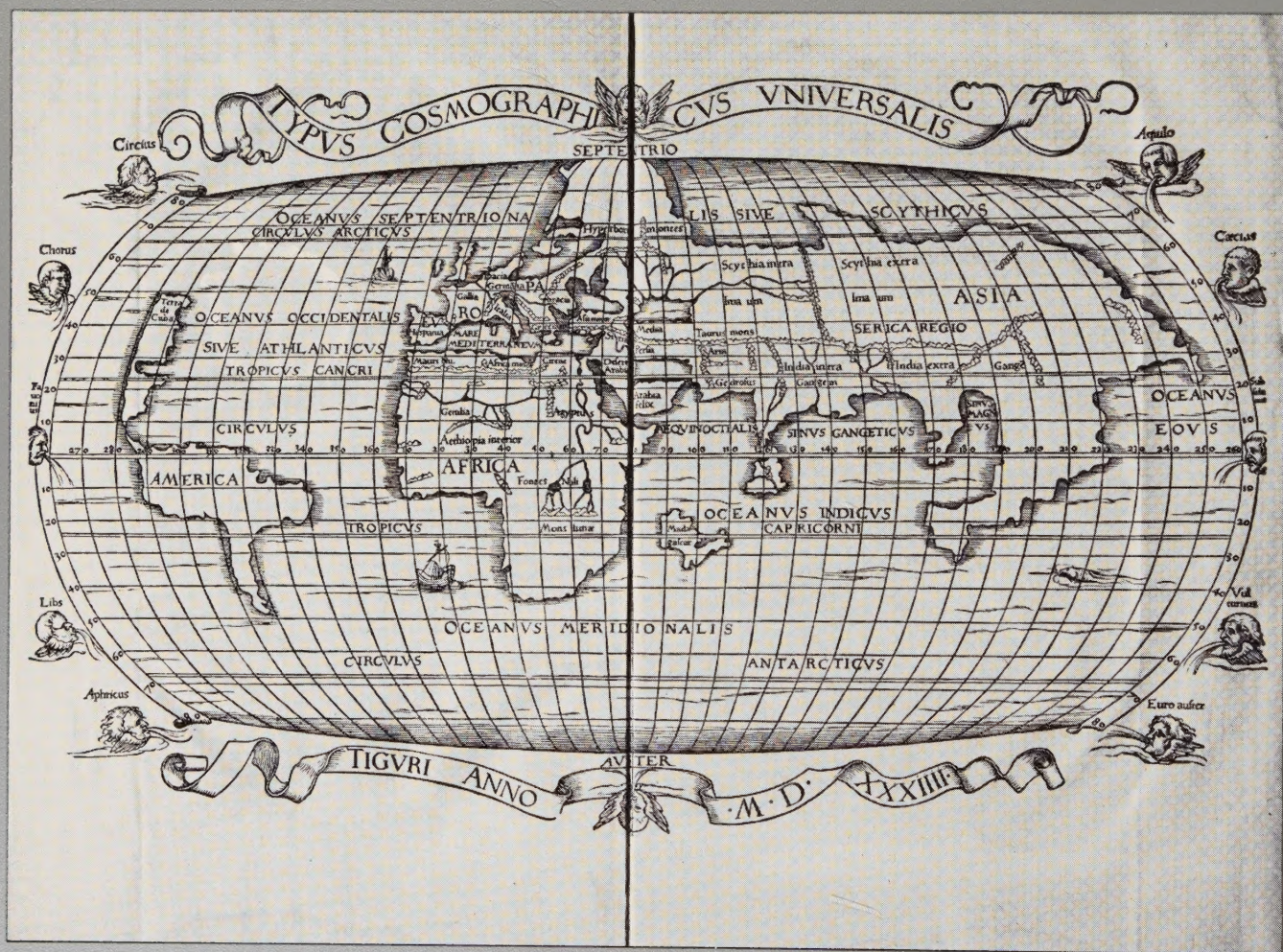
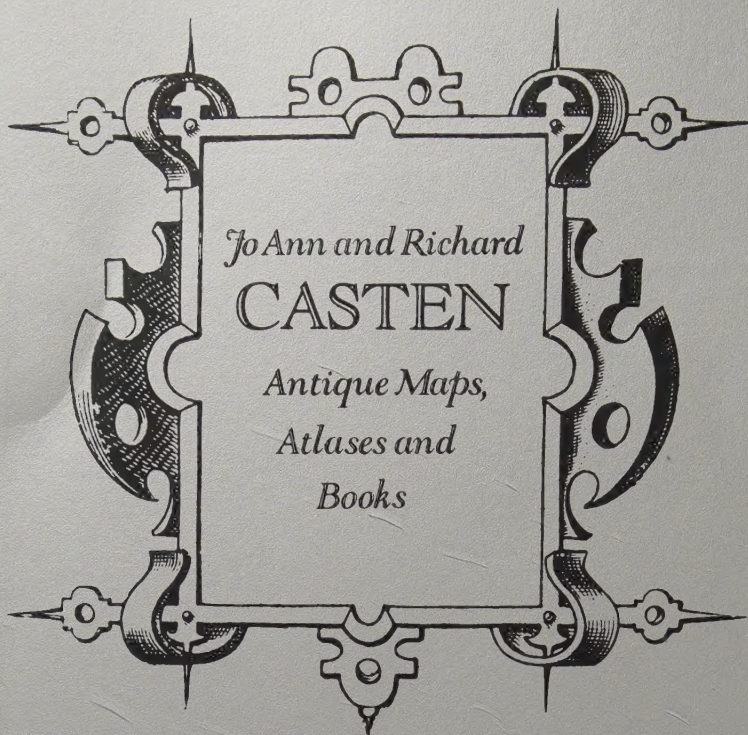
THE MAP COLLECTOR

NATIONAL MARITIME
MUSEUM ISSUE



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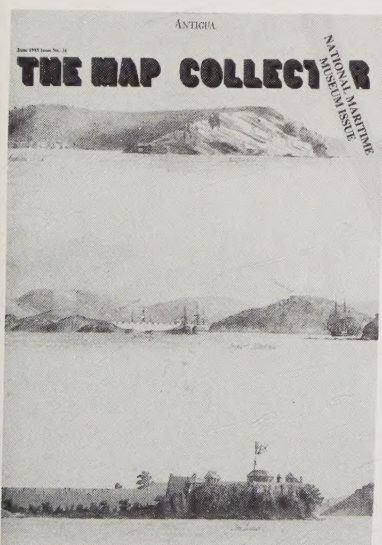
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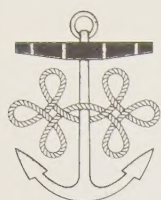
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Cover illustration:

Three views of the entrance to English Harbour in Antigua drawn by Lieutenant E. H. Columbine when second lieutenant of *HMS Sibyl*, to accompany his unpublished chart of 1789 (see 'The Seaman's View' in this issue) acquired recently by the National Maritime Museum at Greenwich.



NATIONAL MARITIME MUSEUM

Editorial

PART OF THIS issue of *TMC* is devoted to the cartographic holdings of the National Maritime Museum at Greenwich, the largest and most complex maritime museum in the world, set in the beautiful grounds of Greenwich Park and housed in an outstanding group of buildings centred around Inigo Jones' Queen's House. This is the setting for the 1985 International Map Collectors' Society Symposium on June 22 and this issue has been planned to mark the event.

We invited Lord Wardington, who has been a lover and collector of maps since 1954 and has used the Maritime Museum Library and Hydrographic Section for the past fifteen years, to write a guest editorial in appreciation.

'When Valerie Scott asked me to write this column I was rather taken aback and wondered if I was qualified but as we are fast approaching what looks to be a marvellous day out for members of IMCOS at the National Maritime Museum and because of the amount of enjoyment I have obtained there over the years, I agreed.'

Of course, there is no finer way of going to have a look at an atlas, chart or map, than to get on a riverboat at the Tower or Charing Cross Pier and go downstream to Greenwich. From there it is a short walk to the Hydrographic Section and the Reading Room of the Library. I don't begin to know the real wealth of the material available but I have seen a large amount of it over the past fifteen years. To begin with I educated myself by looking at the early atlases and what joys I found there! After reading the words of Sir George Fordham, who described some special volumes of Hubert Jallot's printing of Sanson's *Atlas Nouveau* as 'the finest specimens extant of this decorative art' (he was referring to the colouring and use of gold), I started by studying the NMM copy because I wanted a superlative for future comparison. Although I have now seen many superb copies the NMM one is the best with a much greater use of gold – even the books in the vignette of a library at the foot of the contents leaf are touched in gold.

In those days you sat in cubicles with your back to a set of fine vellum bindings of a Blaeu atlas or the *Atlas Major* by Jansson. Nowadays my main interest is in charts and I go to the Hydrographic Section and spread them out on the large desks so that I can compare and distinguish one from another.

The collection is obviously of the finest, entranced for me by Derek Howse and Michael Sanderson in the past and now by Christopher Terrell and Jenny Wetton with Mrs Patrick in charge of the Library and Reading Room. The atmosphere is very special and the setting with instruments, globes, wall maps and models all present while you work, is quite exceptional. Many may the days continue to be that I and others can enjoy it all.

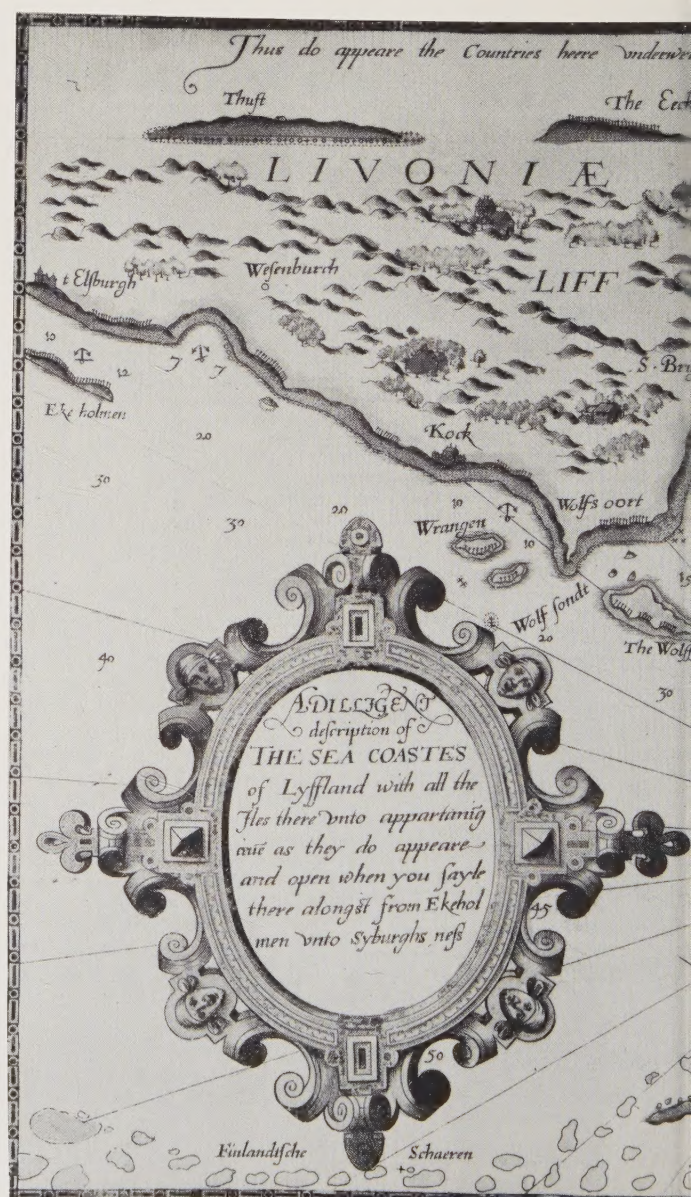
Wardington.

The

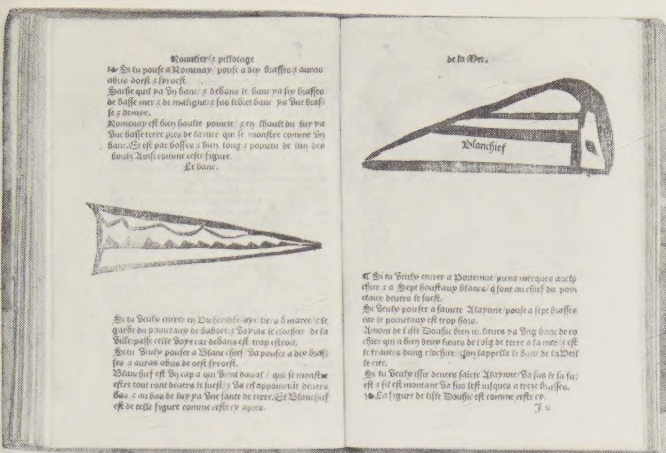
by Christopher Terrell,
Curator of Hydrography at the
National Maritime Museum, Greenwich

THE SEAMAN'S VIEW of the land has always been an individual one. Land first sighted was an event; it could either be a haven or a menace and throughout the centuries the cartographer has used his skills to assist the seaman to identify which. P. D. A. Harvey in his *History of Topographical Maps* pointed out that the concept of accurate scale mapping was a late development in human perception, at least in Western Europe. To the navigator afloat, however, the accurate assessment of direction, distance and time was essential to the planning of a safe passage, the neglect of which could lead to running upon a strange coast in the dark and to possible disaster. The interpretation of these three factors demanded working to an accurate scale and the earliest known charts produced for the seaman, the 'portolan' charts of the Mediterranean Sea, all have sea areas drawn to scale to a remarkable degree of accuracy. Designed to enable the seaman to plan a voyage out of sight of land across what was virtually a huge, tideless inland sea, the shore information provided was limited to that essential for this purpose, the names of ports, anchorages and headlands written closely along the coastline. Later, to produce a more saleable product, cartographers added decoration in the form of flags or vignettes of ports and cities but these told the seaman little he did not know already.

Though this information may have been adequate for



Seaman's View



The view of the medieval coasting seaman. This simple woodcut from the 1542 edition of one of the earliest printed pilot books, *Le Grant Routtier* . . . of Pierre Garcie, shows Beachy head (Blanchief) with directions for the passage to Portsmouth past the Seven Sisters.

Mediterranean navigators, their brothers in more northern waters operated in a different environment, a world of poor visibility, fierce tidal streams and unreliable weather, where the ability to recognise a headland glimpsed briefly between rain squalls could mean the difference between survival or shipwreck. For this reason they were slower to adopt the scale chart, relying primarily on pilot books until well into the sixteenth century. These contained detailed written information

for the coastal navigator, distances between prominent points of land, offlying dangers to be met with, times and strength of tides, and customarily included woodcut outlines of the shape of key headlands and shore features. At first kept in manuscript as a personal aide-mémoire, or for passing from master to apprentice, printed versions of these books began to appear in the first half of the sixteenth century. One of the earliest examples was *Le Grant Routtier* . . . published by the French pilot Pierre Garcie in 1521, and his stark woodcuts represent the typical land view of the medieval seaman.

So far this was knowledge of familiar trading routes being handed down the generations, but the sixteenth century saw the rapid extension of navigation by European seamen to embrace vast areas of coastline unfamiliar to them. Harbours, islands or anchorages, once discovered, had to be recorded so that those who followed could relocate them, and soon many organised voyages of exploration carried with them both a 'plattmaker' to draw plans of anchorages and a 'painter' to record views of the coast and approaches to important harbours. The influential Elizabethan writer on techniques of navigation and the conduct of ships, William Bourne, in his *A Regiment for the Sea* of 1574 was scornful of the flags, heraldic devices and other decoration found on the old portolan charts. Instead he advocated the use of spare areas of a chart for the display of coastal views; 'There is nothing more needful and necessary for seamen than this, to know the land when he seeth it, and there is no better way to make him remember it than to have notes how the land doth rise upon every side.'

While he was writing this a Dutch master pilot, Lucas Janszoon Waghenauer of Enkhuisen, was collecting information for a new guide to European waters that was to satisfy William Bourne's requirements in full measure. It is difficult to know which to admire most in Waghenauer, his vision or his industry.



The large scale coasting charts of Waghenauer's *Spiegel der Zeevaart* provided more topographic information to the seaman than had ever been available before. His chart of the approaches to Revel in the Baltic, from Anthony Ashley's English translation of 1588, gives shore detail at three levels – a bird's-eye view of terrain inland, scale profiles of conspicuous landmarks, and a continuous strip view of the coast above the high water mark.

His *Spiegel der Zeevaert*, or *Mariners Mirror*, first published in 1584, contained more information more clearly displayed than had ever been available before to the coastal navigator. His charts, which covered the Atlantic coasts of Europe from the straits of Gibraltar to the North Cape, as well as the Baltic Sea, were drawn on a sufficiently large scale to permit a wealth of land detail to be shown. This was displayed at three separate levels: first a 'bird's-eye' view showing the general nature of the hinterland, secondly detailed coastal profiles with conspicuous landmarks seen against the skyline, and finally the shore immediately behind the water's edge, shown as a continuous strip of coastal topography.

This last device, the abrupt shift from plan to elevation at the high-water mark, became a standard convention favoured by chartmakers for the next two centuries. The main advantages of the method were speed and simplicity. It avoided the necessity of landing on a possibly hostile coast in order to fix the topography in plan and was particularly well suited to a period of rapid expansion of geographical knowledge when so much of the world's coastline was being covered by running sketch surveys. The disadvantage was that shore features not accurately laid down in plan could not be used for precise position fixing offshore, but this was not of great importance to the seventeenth century seaman.

The other type of view, the coastal 'profile' without depth of focus, also quickly became popular, particularly with Dutch chart publishers. Soon no sea atlas was complete without pages of coastal profiles, and sometimes this was carried to excess. Arnold Colom's *Lighting Column of the Midland Sea* (the Mediterranean), published in the 1660s, contained no fewer than fifty-four folio pages of closely packed coastal profiles, a profusion more likely to have confused the navigator than assisted him.

Steady advances in surveying techniques in the eighteenth century began to alter the shore detail shown on charts. These advances had been led by France, and the charts of *Le Neptune François*, published at the very end of the seventeenth century,

opened a new chapter in cartography for mariners. The teams of trained surveyors who produced the charts for the *Neptune* rejected the now customary shore views in favour of the accurate placing of shore marks in plan by triangulation. Few areas are better suited to demonstrate the importance of this than the rock-encumbered coasts of Brittany, where safe navigation depended heavily on leading-marks on shore and where frequently a single church spire served as a rear mark for more than one safe channel. But while this more professional approach may have prevailed in metropolitan France the older, more romantic view of the coast still persisted further afield. Seamen have always been conservative by nature and new ideas, however logical, tended to take a generation or two to replace the familiar. Throughout the eighteenth century information for the production of charts for India and the Far East was provided by captains of the great British and French trading companies. Perhaps the best known was d'Après de Manneville who made a second career as cartographer and publisher with his *Neptune Oriental* of 1745, an impressive production quickly copied by William Herbert for the British market. Trade, not hydrography, was the principle preoccupation of these seasoned officers and their charts habitually depicted coastal features in elevation in the old manner.

The second half of the eighteenth century which saw such rapid advances in both navigating and surveying techniques also saw great improvements in the quality of view drawing. This was a period when a career as an officer in the Navy or in one of the trading companies was held in high esteem and attracted recruits from well-educated families in which drawing was taught as a desirable social accomplishment. Landscape drawing was also regarded as an important professional skill for military officers of both services and figured prominently on the curriculum of both the Naval Academy at Portsmouth (founded 1731) and the Military Academy at Woolwich (founded 1721) where it was taught by professional artists. On land it was of importance principally to the Engineers or the Artillery for the transmission of intelligence, or to plan the crossing of a river or



Right:
Après de Manneville's chart of Bombay island from the 1781 edition of his *Neptune Oriental*, derived largely from that by John Thornton of a century earlier, mixes land detail freely in elevation and plan. The high land extending eastward from Point Malabar starts in elevation and then rolls gently over into plan.

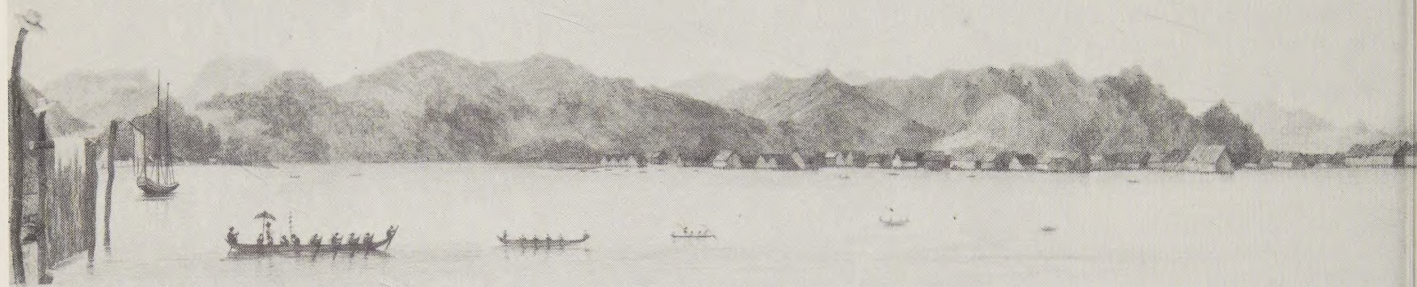
Below left:
The teams of trained surveyors who drew the French coastline for the charts of *Le Neptune François* of 1693 fixed all their topography firmly in plan by triangulation. This detail of the rock-encumbered approaches to the Quimper River in Brittany shows how essential this was to produce clearing lines and bearings for safe navigation.

Below:
This view, from W. H. Smyth's *The Hydrography of Sicily* . . . shows his survey team at work on the coast of Sicily in 1814. His atlas contained many fine views of Sicilian coastal scenes all beautifully engraved in the Hydrographic Office. Although described as 'The mole at Girgenti' (just visible at the left of the picture) it principally reflects Smyth's interest in archaeology.





SPECIMEN OF THE HOUSES AT BRUNI



THE CITY OF BRUNI



the reduction of a fortress, but for sea officers the main purpose was seen as being hydrographic.

By degrees a new professionalism became manifest in British maritime surveying. The survey teams that charted the coast of North America following Britain's victory in the Seven Years' War were led by both army engineers and naval officers and they produced charts with shore topography strictly in plan as demanded by accurate survey control. In the absence of any central Hydrographic Office to publish this information the producers of these surveys had to find commercial publishers to see their charts into print, and many might never have been published at all but for the persistence and ambition of one of the team leaders, the Woolwich-trained engineer Captain Joseph DesBarres. DesBarres was an accomplished landscape artist and his atlas of charts of the American coast, *The Atlantic Neptune*, although over-lavish and over-priced for the average seaman, was liberally provided with both coastal views and landscapes much admired by bibliophiles to this day.

There are also several examples of naval officers who were skilled amateur artists at this time. Edward Columbine, who features on the cover of this issue of *The Map Collector* was particularly gifted, and his collection of charts, views and landscapes in watercolour illustrates an active and successful career spent in the West Indies, home waters and West Africa between 1780 and 1811. Columbine took an interest in everything he saw, and the accurate detail of his drawings make them of great interest to historians as well as a delight to

students of cartography, but of the twenty-four charts and several hundred views which he produced only a handful found their way into print. Another example is William Staples who produced his own personal pilot book of views of the Channel coast, in the tradition of the medieval coaster. In explaining their usefulness, especially to officers returning home with faded memories of their home coasts after long periods of service abroad, he gives an example from his own experience when a Lieutenant in *HMS Circe* in December 1793, 'We were bound up Channel from Lisbon, and had made the Lizard with the wind SW, but from the extreme thickness of the weather, after laying off and on with small sail for two days, we dare not make the land again, nor run on, lest we should get too far to the East^d. About 10 we saw land to the North^d, but were doubtful what it was; at noon we spoke a brig, she told us it was the Needles, and that she had been close to it at about 7 that morning, the Master was still in doubt, and said it was Portland, and the Cap^t was very anxious whether to stand in or out as the night was coming on very blowy and dark. I then recollected I had a drawing of Portland by me, and on comparing it with the land it put it past a doubt that it was Portland, accordingly the Cap^t ordered to bear up and make sail, and we anchored safely in Yarmouth roads thereby escaping the necessity of beating a long winter night against a heavy gale, embayed on a dead lee shore, and in a strong tideway'.

Thus by heeding the advice of William Borough given over two centuries earlier 'to have notes how the land doth rise upon

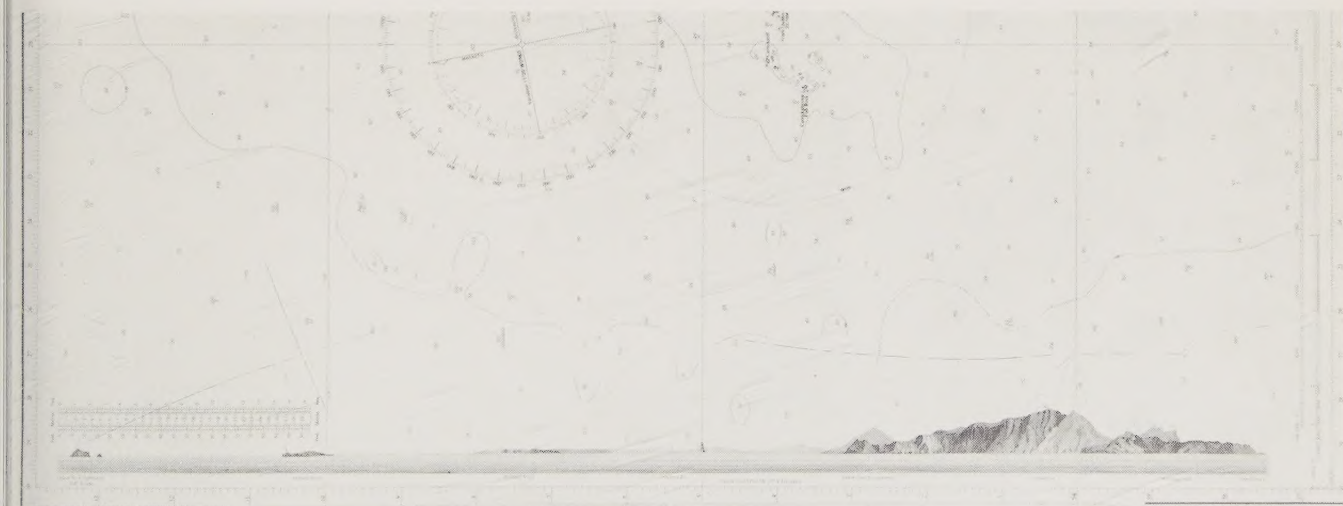


Views of the city and architecture of the Sultan's capital add greatly to the attractiveness of Captain Bethune's chart of the Brunei River of 1845. Absent, however, is any view to assist the navigator to negotiate the river entrance.

every side', Lieutenant Staples spent a night warm in his bunk instead of on watch on a dirty night in the Channel, and nothing illustrates more vividly the genuine usefulness of the accurate coastal view provided by the cartographer for the benefit of the seamen before the arrival of electronic aids to navigation.

The expansion of the Navy during the wars with Napoleon drew in many able young draughtsmen like Columbine and Staples, and many of these decided that their future lay with the newly-founded Admiralty hydrographic service which saw its greatest expansion during the first half of the nineteenth century. Although the first British Admiralty chart was not published until 1800, by 1864 there was a catalogue of 2,500. Surveyors with a gift for drawing, such as Smyth, Graves and Beechey, were able to indulge their talent freely and their efforts were supported by a standard of copper engraving that has seldom been surpassed. The fact that many of the views which resulted owe more to their creator's interest in landscape or archaeology than to the needs of safe navigation may have been a loss to hydrography but has been pure delight for the collector.

This was the high-water mark for the view. From the second half of the century the production of views went into a gradual decline, both in quality and quantity. One obvious cause was the advent of photography with its effect on the practice of amateur drawing in general. Other causes can be summed up under the now familiar word – productivity. The coming of steam propulsion allowed survey ships to be more independent of the weather and to cover more ground and as the pressure for output grew there was inevitably less time available for activities regarded as less than essential. In more recent times the availability of electronic aids to navigation, even for small craft, has made the view less important for safe pilotage, while the speed with which modern structures can both rise and fall make views expensive in resources to keep up-to-date; so that present policy is for views to be confined to Sailing Directions except where they are judged to be of exceptional value to the mariner. Despite this the view still has its friends, and it is a pleasure to find on the latest metric edition of Admiralty chart 2704 that the brigantine under full sail is still reaching out of Black Sod Bay on the west coast of Ireland as it has been since first drawn there by Captain R. B. Beechey in 1851 (see below).



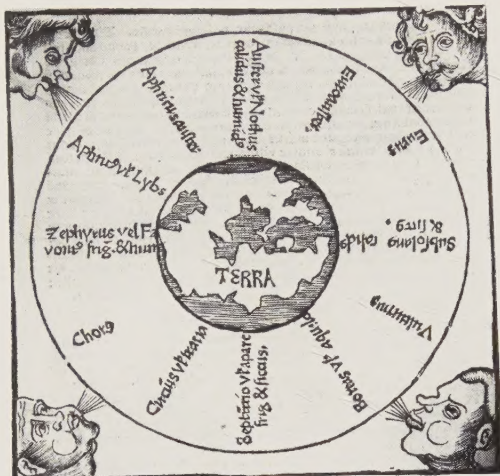
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KUNSTANTIQUARIAT MONIKA SCHMIDT

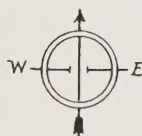
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The Cartographic Treasures

The National Maritime Museum at Greenwich contains atlases, charts, some maps and one of the largest collections of globes in Europe – all covering a period from 1420 to the present day. In this article, the Assistant Curator of the Hydrographic Section, Jenny Wetton, gives an introduction to some of these treasures explaining that one remarkable fact is that they were assembled in less than fifty years.

THE NATIONAL MARITIME MUSEUM (NMM) owes a great deal to the generosity and support of Sir James Caird who funded most of the early acquisitions, including the celebrated Macpherson and Mensing collections in 1928 and 1934 respectively. Sir James entered the shipping industry with the firm of William Graham and Company, East India merchants in Glasgow, in 1878, and later moved to London to join Turnbull, Martin and Company, managers of the Scottish Shire Line, becoming sole partner in 1903. He resigned when this line was sold in 1917 but remained on the board of some twenty-five companies. He was also a member of the Society for Nautical Research (SNR), one of whose aims, first stated in 1910, was the establishment of a National Maritime Museum. The Secretary of the SNR was Professor Geoffrey Callender of the Royal Naval College, Greenwich, who was later to become the NMM's first director.

In 1927, the collection of A. G. H. Macpherson, which

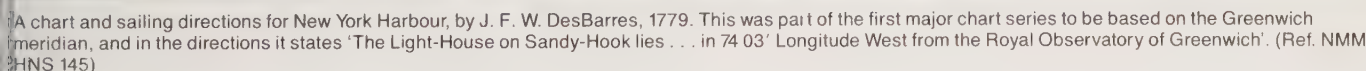
included printed books and atlases, came on to the market. Macpherson was a Gentleman, Lieutenant RNVR, and a member of the SNR, who had exhausted his available funds in acquiring and adding to his collection and could no longer maintain it. The SNR saw the collection's potential as a nucleus for the museum and organised an appeal to the shipping and associated industries for £108,000. Unfortunately, the appeal failed, which Sir James put down to 'the depression in the shipping industry', so he put up the money himself. The collection, now secured for the nation, included not only charts and atlases, but also maritime paintings, drawings, books, ship models and navigational instruments. The government also recognised its potential as a nucleus for a National Maritime Museum, and appointed a body of trustees as a preliminary towards the museum's foundation.

By 1934, the trustees had acquired not only the Macpherson collection, but also the important collection of ship models from the training ship *Mercury*, Sir James' own collection, and the original Greenwich collection previously displayed in the Painted Hall of the old Hospital and consisting mainly of paintings and ship models. They therefore felt they could reasonably ask the government to take steps towards the establishment of the museum. It had already been promised, in 1927, that the buildings of the Greenwich Hospital School, which included the Queen's House, should be the building

A view of the Naked Sand Hills on Sable Island off Nova Scotia, also by DesBarres, [1779], showing his surveying party and some of the famous wild horses (see left of picture) descended from survivors of an early shipwreck. (Ref. NMM HNS 77a)



by Jenny Wetton.



Following this, the pattern of hydrographic collecting was very erratic, and all but ceased during World War II. It picked up again afterwards to reach giddy heights during the affluent 1960's. Peaks were marked by the acquisition of private collections. One of the earliest was that of Admiral Lord Keith (Lord Elphinstone) who had a distinguished career in the Navy, where he was awarded the Order of the Bath for his skill in

In 1934, Sir James purchased Henry Newton Stevens' collection of over 800 distinct states of the *Atlantic Neptune* by J. F. W. DesBarres. This consisted of charts, views and text covering the whole of the east coast of North America from Nova Scotia to the Gulf of Mexico and was the result of a lifetime's interest by Stevens. In December of the same year he

WHEN all steady Wind in ten Fathoms Water, do not shoot your Soundings by approaching the Bar until you have brought almost *Plinius* half Way between the *Light-Hoof* and the *Color-Tree*; (the *Light-Hoof* will blow about half South) then steer across the Bar West by North, if Flood-tide, and West-North-West, if Ebb Tide, (*Regulus* is half four is the least Water on the Bar at half Flood).

[illegible]

It is High Water on the Days of the Full and Change at the Head as - 7 30
Note, That the Success of the Tide continues to be in still more at Chock at the Head of New York.
At New-York's by the East-River - 9 00
At North River - 11 00

Tides rise perpendicularly about seven Feet, but are sometimes checked to such a Degree by the Width or North
Widely Mouths as to lower the Water on the River to three Fathoms and a quarter, and Eastward or North-Eastward
Tides are frequently run in to five Fathoms.

The E A S T - R I V E R.

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LONG ISLAND SOUND

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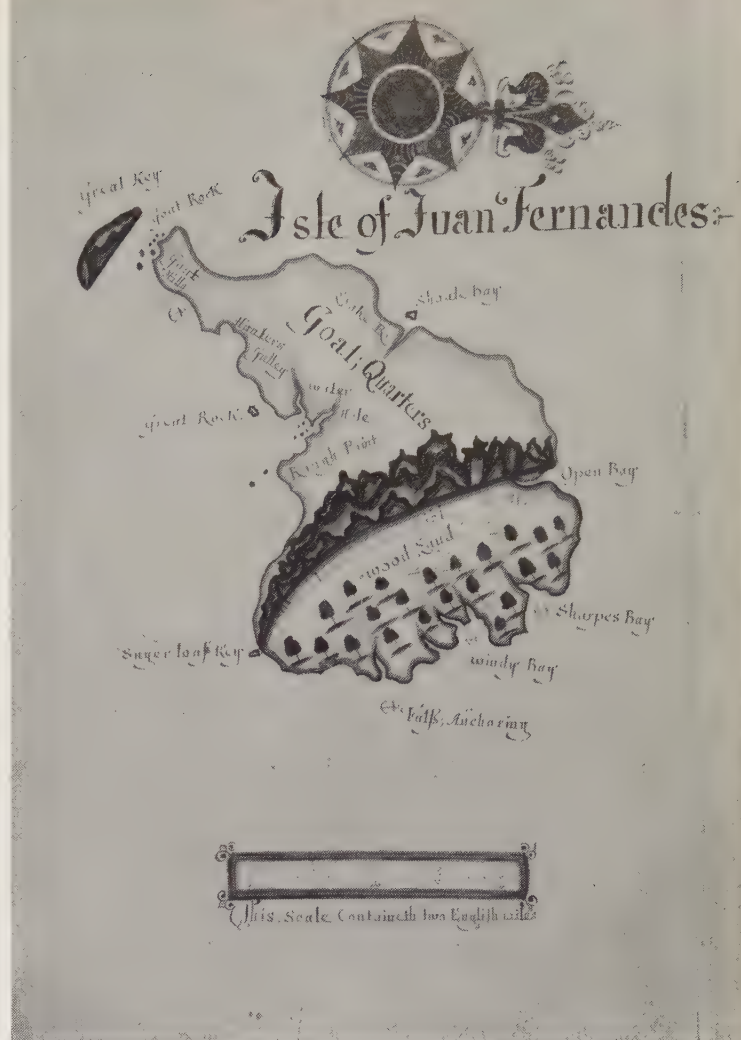
Speed's *Theatre of the Empire of Great Britain*, and the atlas of England and Wales by Christopher Saxton, 1579. (However, this article is concentrated on the hydrographic holdings in Greenwich and further details of the Museum's land atlases can be found in the *Catalogue of the Library*, Volume 3, Part 1).

Sir Geoffrey Callender wrote in April, 1933 '... we do require that the NMM should unfold the history of cartography' and the holdings certainly reflect this aim.

The most valuable charts are the portolans, hand drawn on vellum, the earliest one dated 1456 showing the Mediterranean and Black Seas with the North East Atlantic by Jacobo Bertran and Berenguer Ripol. The earliest form of navigational aid used in the Mediterranean was the *portolano*, a purely written pilot. Two outstanding examples of these, held by the Manuscripts Department, are one by the Italian Joannis Jacomo of c.1500, and one by the Portuguese Emmanuel Alvares of c.1545. The Italian *isolario* or island-guide was an intermediate step between the *portolano* and the portolan chart, being written, sometimes with poetic directions for navigation and with crudely-drawn coastlines of islands on the route between Italy and Constantinople. Two outstanding examples of the *isolario*, one by Cristoforo Buondelmonte of 1420 on paper, and the other by Bartolommeo dalli Sonetti on vellum, are also in the Manuscripts Department.

The invention of printing transformed the chart trade, enabling multiple copies without the risk of copyists' errors. In the Hydrographic Section is a woodcut print of G. A. di Vavassore's chart of the Adriatic and Eastern Mediterranean of 1541, claimed to be the earliest surviving printed passage chart, and acquired by the museum in 1938. With the rise of the Netherlands as a maritime power in the sixteenth-century, the process was quickly adopted by Dutch publishing houses which were to dominate chart and map production for the next hundred years. Our earliest Dutch examples are those by Lucas Jansz Waghenauer dated 1586. Printed charts were often assembled into large atlases, being elegantly bound and hand-coloured if destined for a gentleman's library.

From the end of the seventeenth century France's contribution to cartography increased with the founding of the Académie Royale des Sciences in 1666 and of L'Observatoire de Paris the following year. The coast of France was retraced with the aid of increased astronomical knowledge and improved instruments, although the resultant shrinkage in the boundaries was said not to have been well received by the king! In 1720 a central state hydrographical office, the Dépôt des cartes et plans, was founded to provide the navy with up-to-date charts. The first French Royal Hydrographer was Jacques Nicolas Bellin who prepared a large number of charts and the most important of these are in the NMM collections. For example, *Le Neptune*



The island of Juan Fernandez in the Pacific Ocean copied by William Hack in 1685 from an original which was captured from a Spanish ship off the West coast of South America. In 1704, Alexander Selkirk, a Scottish seaman quarrelled with his captain and demanded to be put ashore on the island where he remained alone until 1709, and provided the basis for the story of Robinson Crusoe. (Ref. NMM 33)

François covering the Atlantic coasts of Europe, *L'Hydrographie Françoise* covering the rest of the world, and his six-volume series in smaller format, *Le Petit Atlas Maritime*, one copy of which bears the coat of arms of George III. Other French atlases we have include several editions of *Après de Mannevillette's Le Neptune Oriental* and an atlas of Mediterranean charts by Roux dated 1764 which was used on HMS *Victory* by her Master, Thomas Atkinson. It shows the tracks of *Victory* and HMS *Thaseus* in the Mediterranean from 1803 to 1806 and was bought by the trustees in 1938 for £5 from an American archaeologist who found himself short of cash in Jerusalem!

The work of British cartographers is strongly represented at the NMM including the earliest sea atlas, by an Englishman, *Dell' Arcano del Mare* (Secrets of the Sea) by Sir Robert Dudley. We also have plans of coastal fortifications said to have been drawn for Samuel Pepys as Secretary to the Navy by Sir Bernard de Gomme, Chief Engineer to the Board of Ordnance in about 1667. In 1671 the first part of *The English Pilot* by John Seller appeared in an attempt to break the Dutch monopoly in sea charts and the Hydrographic Section holds fifty-three editions mostly from the Macpherson collection. English publishing firms are well represented by the works of John Thornton, who collaborated with Seller in many of his publications but who was also a hydrographer in his own right; by Mount and Page, Thomas Jeffreys, Laurie and Whittle, William Heather, J. W. Norie, and the later firm of Imray, Laurie, Norie & Wilson.

Charts published as the result of expeditions and surveys include the manuscript atlases of Basil Ringrose and William Hack, who were crew members on the English buccaneer ship,



This magnificent terrestrial globe was made by Johann Reinhold in 1588 (Ref. NMM G. 22)

the *Trinity* commanded by Captain Bartholomew Sharpe in the Pacific and Caribbean. In 1681 Sharpe captured the Spanish *Rosario* off the coast of what is now Ecuador and amongst the prizes was a book of sea charts and sailing directions for the Pacific coast from Acapulco to Cape Horn compiled in Panama in 1669. Sharpe had the charts copied by Hack and a copy of the manuscript, sometimes known as *The Buccaneer's Atlas* was presented to Charles II in 1682 (the British Library holds a copy from the Sloane collection which has the arms of Charles II on the side).

The collections also include seven editions of an atlas by Captain Grenville Collins, *Great Britain's Coasting Pilot*, the first English pilot book based on a personal survey. Charts by Edmund Halley show the results of his work on tidal streams

and magnetic variation and on loan from the Admiralty is Captain Cook's magnificent chart of the St Lawrence River (over 3 metres or 9.84 feet long), surveyed following General Wolfe's successful assault on Quebec in 1759. The NMM also has charts resulting from the expeditions of Captain Cook to the Pacific (c.1770), Matthew Flinders to Australia (1790), George Vancouver to the Pacific coast of N. America (1798), and charts published by Alexander Dalrymple who was Hydrographer to the East India Company from 1779, and appointed as the first Hydrographer to the Navy in 1795.

The collection of nineteenth-century British Admiralty charts is a large and ever-growing one which includes several atlases and folios published by the Admiralty and about 2,500 charts of world-wide coverage. These are kept in the Hydrographic Section together with the collection of W. W. Grenville, presented to the museum by Sir James Caird in 1940. This consists of maps and charts largely published in the second half of the eighteenth century and was probably assembled while Grenville was Foreign Minister from 1791-1801. It is contained in 131 slip cases and two loose bundles. The maps show aspects of military policy and include some intelligence about the strength of the French military and naval forces and financial administration. They also cover British territories in North America and other areas of contention or British interest such as the West Indies, Canada and India.

The Section also has a magnificent collection of about 240 globes and globe gores – one of the largest in Europe – which was mainly acquired in the 1930's. The dates range from 1492 to 1971, and include works by Islamic, Dutch, Italian, French and German makers. Most of the globes have come from private collections, although their acquisition has sometimes been haphazard. For example, the dealer Frank Maggs in 1937 found, in a 'curio shop', two 'very remarkable English brass globes, the terrestrial one bearing the date 1651 . . .'. The museum bought these for £240.

Dr. Callender's statement of 1933, ' . . . we do require that the NMM should unfold the history of Cartography', still forms the basis of our collecting policy and we buy as opportunity arises giving priority to British hydrography. Like most institutions these days our finances are constrained, and we have to share a common purchase budget with all the other museum departments. Last year, for the first time, the Section received generous help from the National Heritage Memorial Fund to buy the Columbine collection of watercolour charts, landscapes and views. However, perhaps the most remarkable fact about the collection is how one of such size and quality could have been built up in just half a century.

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Access to the Hydrographic Collections

Hydrographic Section: Curator – Mr. C. C. W. Terrell ext. 219.
 Caird Library: Librarian – Mrs. M. Patrick ext. 273.
 Manuscript Section: Curator – Mr. R. A. Morris ext. 269.
 Opening hours: 10-5, Mon-Fri.

A telephone call beforehand is appreciated as space is limited. No car parking at the museum but available in Greenwich. Train and bus services to/from London.

ROGER MASON



Set of three MS maps of Valetta and the Three Cities executed in coloured inks, washes, and gold paint, c.1671-1681; each 18 $\frac{5}{8}$ " x 13 $\frac{3}{8}$ ", consisting of a general map (illustrated) and two larger-scale plans of fortifications, one of the area south of the Grand Harbour, from Coradino to Ricasoli, the other of Valetta, Floriana, and the Isoletto. They are pin-hole MSS, in exceptionally good condition, at one time bound into a French collection.

They show the fortifications proposed by Count Antonio Valperga in 1670 with some improvements suggested by Count Verneda, chief engineer to the Venetian Republic, in 1671. Old and new works are distinguished by colour. They are drawn with the utmost clarity on the two larger-

scale maps. The profile at the bottom of the general map is a cross-section from the bastion parapets to the glacis of Valperga's Cotonera lines.

Each map has a baroque scale cartouche and a compass-rose; the general map has the superb title-piece illustrated above, and both its cartouches are richly embellished with gold paint; the other two have baroque title-cartouches, and are also decorated with twenty finely-drawn sailing vessels, all flying the flag of the Knights of St John. The care in execution and the highly-finished nature of this set argue an exceptionally distinguished provenance.

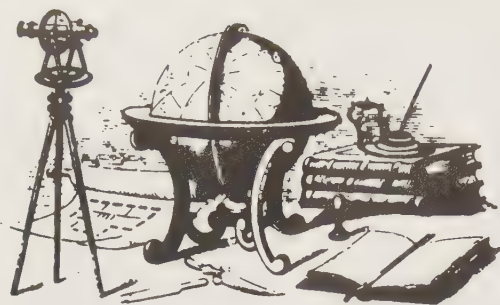
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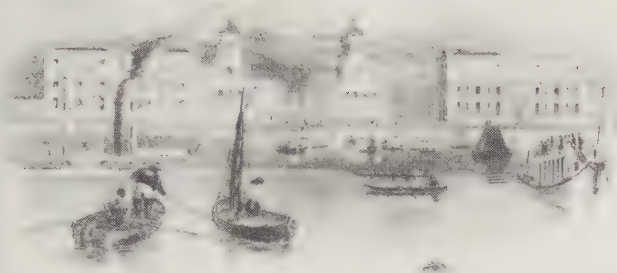
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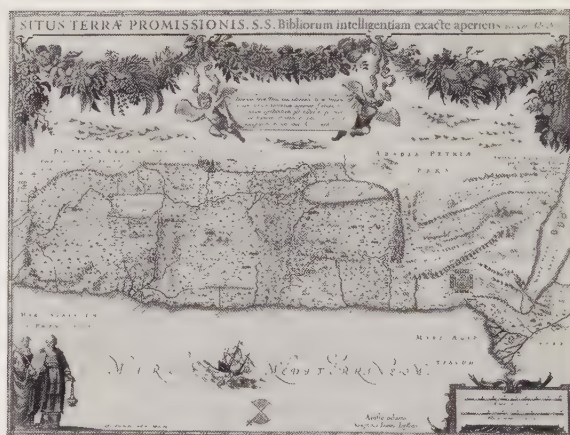
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The 'Blueback' Charts

by Susanna Fisher

THE GREAT EXPANSION of seaborne trade in the nineteenth century opened up more coasts to British merchant ships than ever before and the charts they used were not Admiralty charts but independently published 'bluebacks'. '99 masters out of 100 in the merchant service do not even know of the existence of such a thing as an Admiralty chart', wrote a correspondent to the *Nautical Magazine* in 1840.¹ The great achievements of British naval surveyors during the century and the excellence of their charts make it easy to forget that there was a popular alternative – the blueback.

Bluebacks derived their name from the cheap blue sugar paper backing which English chart-sellers used to protect the charts they sold as loose sheets rather than in atlases. The term gradually came to stand for any independently published chart as opposed to the officially published Admiralty charts, and is particularly associated with the very large rolled charts of the mid-nineteenth century. It normally only refers to charts published in Britain or the United States,² because these were the countries where a significant private chart trade survived after government charting agencies were set up. In many countries, once there were official charts, it became illegal to sell any others.

There is a Mount and Page chart of 1730 with a blue paper backing in the collection at the National Maritime Museum, but that was exceptional as most charts were still sold in atlases until the turn of the century. One of the earliest charts, which always seems to have been backed in blue and did not appear in a bound version, was William Morris' chart of Wales. It was published in 1800, neatly coinciding with the appearance of the first Admiralty chart and the moment when British chart publishing divided into the two distinct streams of officially printed and privately printed. By 1850 blue backs were almost universal on private charts, though there were variations such as linen bound edges, and linen backs which could be either blue or natural coloured. James Imray's 1866 catalogue offered charts in three versions; the standard bluebacked version, and two more expensive versions, 'on cloth for Captains' use' and 'on cloth and rollers for Counting-House, coloured and varnished'.³ As the Admiralty never backed charts with blue the colour became associated solely with private charts.

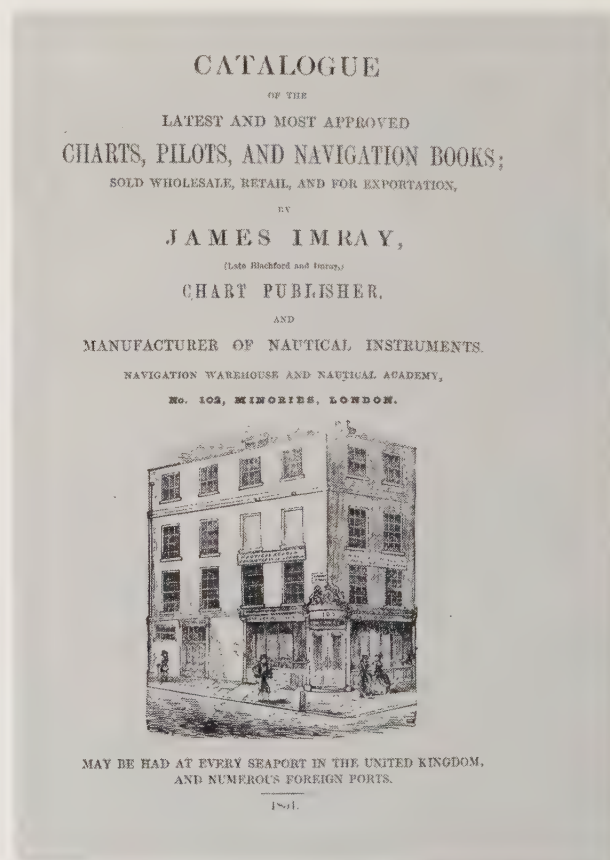
It was the increasing popularity of the loose chart which made backing necessary. Although publishers, including the Admiralty, continued to offer collections of bound charts as an option in the first half of the nineteenth century, sales were falling because the atlas had become too inflexible a format. In 1792 the last edition of Grenville Collins' *Coasting Pilot* was published with many of the charts unchanged since they first appeared nearly a hundred years earlier, a lifespan soon to be unthinkable. More accurate methods of navigation were generating a steady flow of good hydrographic information and this meant charts needed frequent updating and replacement. Loose charts had the advantage that they could be bought singly as required and replaced when out of date. The more accurate charts could also be used in new ways: it now became possible to use the chart for plotting and actual position finding, but to do this a loose chart which could be laid flat on a chart table was needed. Charts were also becoming larger; more information meant more detail to be fitted in, and clarity often demanded a larger chart.

There was a continuous tradition of commercial chart publishing in England stretching back 150 years, and most nineteenth century blueback publishers were the direct successors of firms active in the eighteenth century. Richard Laurie was successor to Robert Sayer, James Imray to John Hamilton Moore, and John Norie to William Heather.⁴ For the first half of the nineteenth century the existence of the Admiralty chart was relatively little threat to them. Admiralty charts were not even offered for general sale until 1823, and

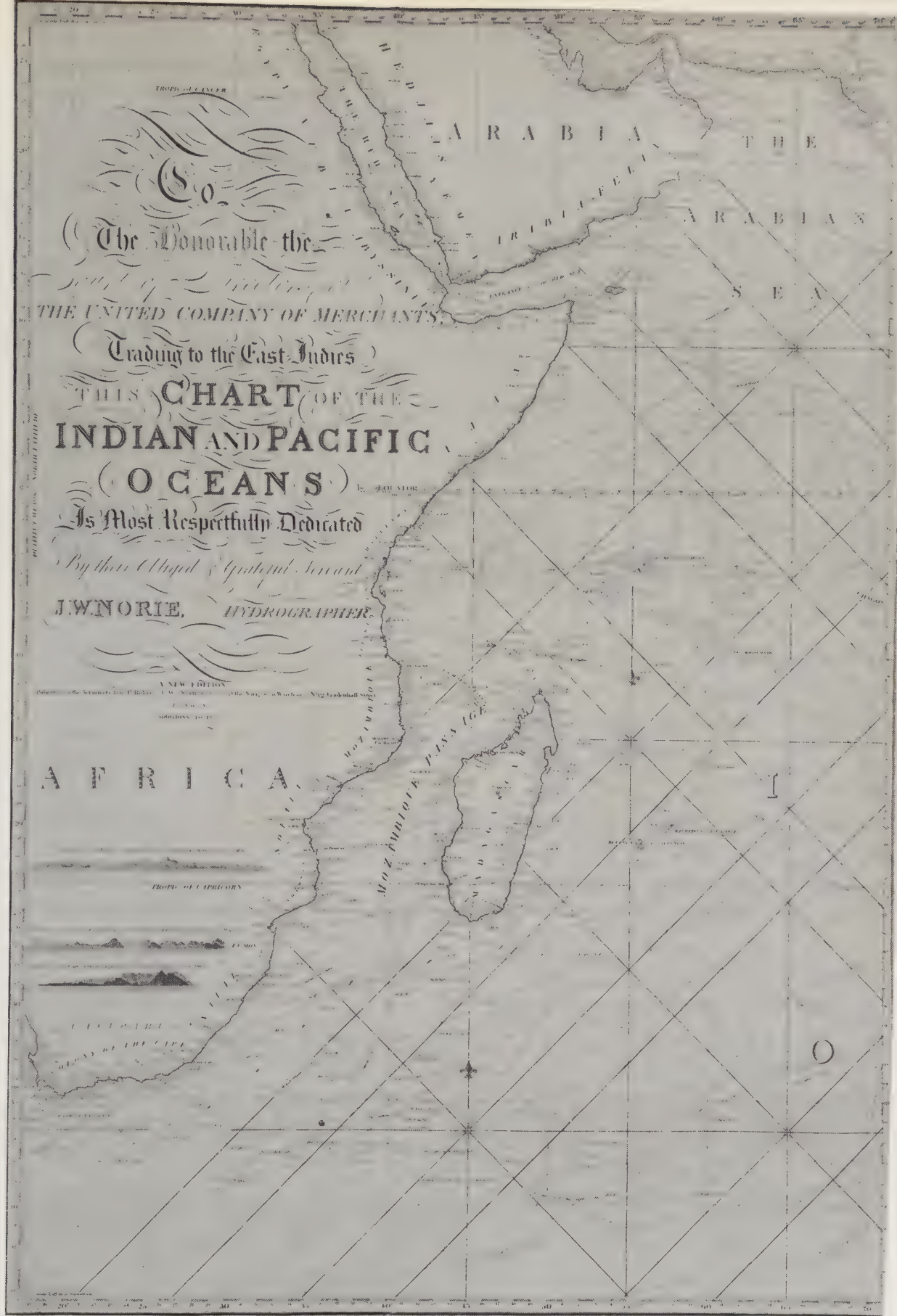


John William Norie (1722-1843), a prolific chart publisher and author of a standard navigation textbook and several volumes of sailing directions. (Drawn by Adam Buck after a miniature by Williams). (By courtesy of the National Portrait Gallery, London)

James Imray, Senior, was active from 1836 until his death in 1870. His 1851 catalogue listed 134 charts. The shop in the Minories, London, also housed his navigation school run by James Gordon. (Photograph by John Freeman)



although they were vastly superior to anything previously available they were at first produced for the needs of the Royal Navy rather than the merchant fleet. Even in the 1830s a high proportion of Admiralty charts covered areas such as South America and the east coast of Africa where they were ahead of British trade. The fine new surveys provided the private publisher with badly needed new material for his own charts,



The left-hand sheet of Norie's Indian and Pacific Ocean chart of 1833 is typical of pre-1860 bluebacks with its elaborate title, rhumb lines and printed recommended tracks (Photograph by John Freeman)

but did not as yet threaten his sales. The bluebacks of this period had more in common with eighteenth century charts than with the new Admiralty charts. The title was still made a decorative feature, though this was now done by using extravagantly florid lettering rather than by framing it in a cartouche. Fairway tracks were printed and rhumb lines still

criss-crossed the whole chart. This last feature was criticised by purists but it was probably useful to coasting skippers who may not have been using such up to date aids as parallel rulers even 250 years after their invention! The charts were large, often printed on several sheets joined together, so they could be up to six feet or more long and had to be rolled. The scale was

relatively small so that a whole voyage could often be covered on one chart.⁵ Large scale plans of harbours were not published separately but included as insets on the main charts. There were often as many as a dozen of these; Imray's 1853 chart of the Caribbean, for example, had fourteen, and later charts frequently had even more. The Admiralty chart was different in every way. It was never larger than the standard double elephant size, large scale harbour plans were published separately, and the general style with its very fine engraving gave the chart a quite different appearance.

Hydrographic information available to the blueback publishers during the first half of the century still came from a wide variety of sources. The difficulty is to discover what these sources were as the publishers were generally reluctant to reveal them, hiding instead behind a phrase such as 'from the latest authorities'. Their charts were frequently based on information which was out of date or pirated from competitors, in spite of the confident title which so often began 'A New and Correct Chart of . . .'. From the beginning of the century they did however begin to date the editions of their charts, which gave seamen some help in assessing the information in them. Usually the original imprint was left untouched and the date of the new edition

added elsewhere, but sometimes just the date of the imprint was changed with no indication that it was not a completely new chart.

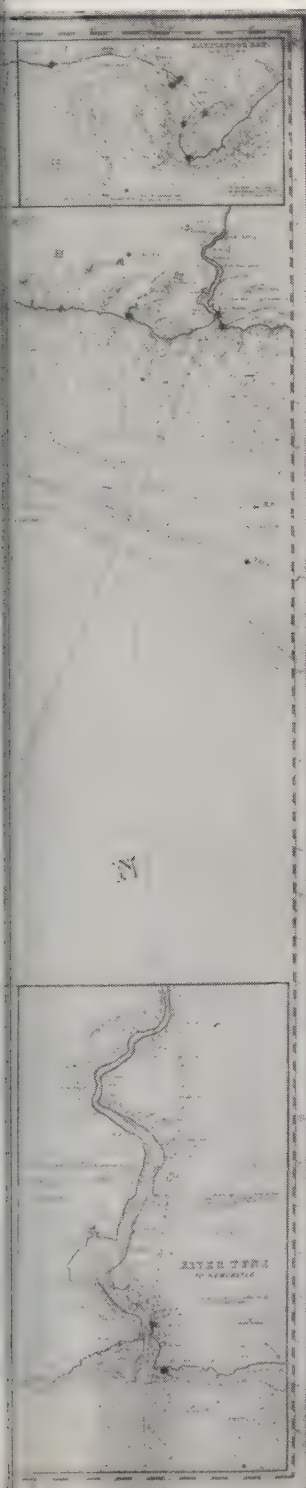
Occasionally, where there was an obvious need of a chart for a commercially important route, a private publisher commissioned a survey, but this was rare. In general they were dependent on information brought in by sea captains of the merchant service. They encouraged such contributions, and the appeal for material in the front of Steel and Goddard's 1817 catalogue is typical: 'Gentlemen, possessing Original Surveys, or Documents and who are inclined to part with the Result of their Labours for the Benefit of the Nautical World, are respectfully informed that on Application to the Proprietors they will be engraven with Elegance, Accuracy and Expedition - Any Hints or Communications, tending to the Improvement or Correction of Charts and Nautical Publications in general, will be thankfully received'.⁶ The fruits of such solicitations were bound to be at best haphazard and of very varying quality, and they were usually incorporated into existing charts without acknowledgement.

Charts of the Irish Sea are a good example of the process of building up a small scale chart over the years from a large

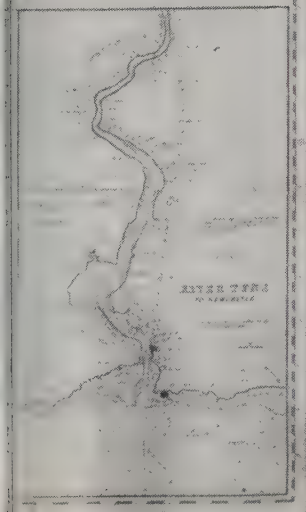


number of different sources. It was a dangerously confined area used by a large number of ships trading to Bristol, Liverpool and the Clyde, and in 1777 the publisher Robert Sayer asked Joseph Huddart, an East India Company commander, for a survey. Huddart chartered a ship for one summer, but relied heavily on the work of Murdoch Mackenzie for the main outline of his chart published in 1779. It continued in print with corrections to detail until the 1820s under the imprint of Sayer's successors Laurie and Whittle, and with more extensive revision it was still appearing under R. H. Laurie's imprint until the Admiralty survey by Beechey in 1846. It undoubtedly also lived on unacknowledged in the charts of other publishers. John and Alexander Walker's popular Irish Sea chart of 1845, for example, simply acknowledges 'trigonometrical surveys and other authentic documents', but must have been compiled from sources going back as far as Mackenzie, Huddart and William Morris, supplemented by Mudge's triangulation and Admiralty work on the west coast of England during the 1830s.

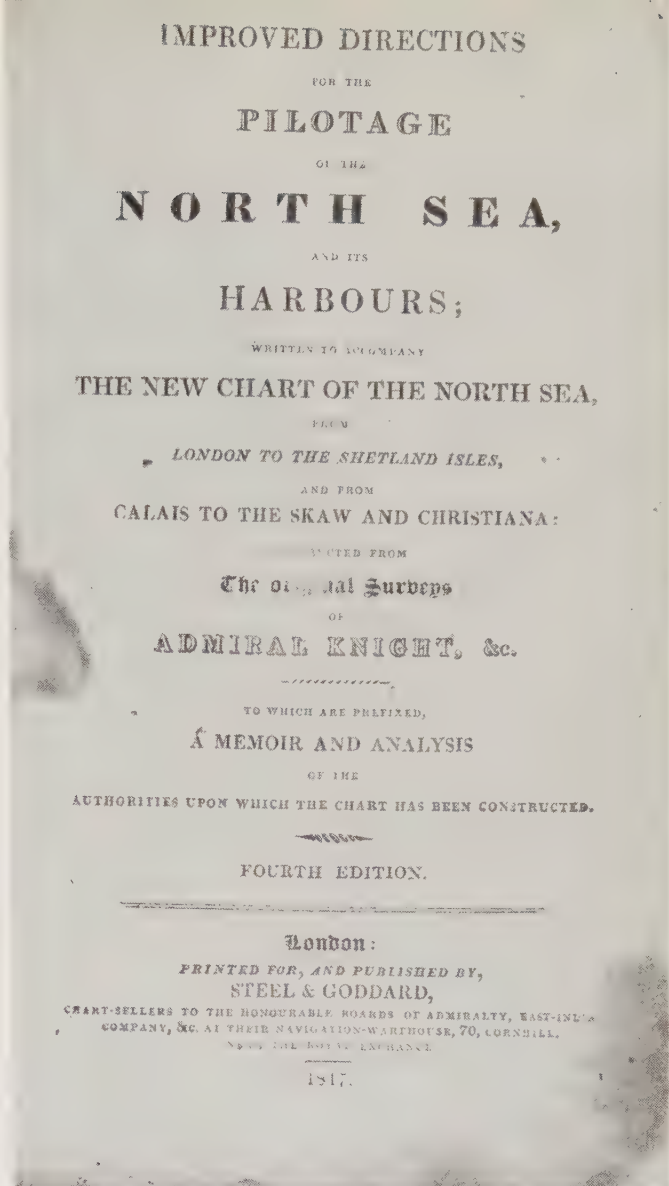
The work of drawing up the charts from whatever information was available was sometimes done by the publisher himself as in the case of John Norie or James Imray or, increasingly as the century advanced, by a new type of professional hydrographer



Right
Steel and Goddard, the publishers of Admiral Knight's North Sea chart, provided the usual accompanying sailing directions but were exceptional in including an analysis of the sources used in compiling the chart.
(Photograph by John Freeman)



Left
Part of a coal trade chart compiled by J. S. Hobbs in 1849 for the publisher Charles Wilson. The whole chart printed on four sheets is 8 feet long (2.438m) and had to be rolled.
(Photograph by John Freeman)



who was not necessarily himself either a seaman or a publisher. John Purdy and Alexander Findlay who worked for R. H. Laurie, and J. S. Hobbs, whose charts were published by Charles Wilson, fall into this category. This was in contrast to the way an Admiralty chart was prepared, where the professional seaman who made the survey and took the soundings also drew the chart.

Some of the best bluebacks in the early years of the century were the work of naval officers. These were exceptions to the general rule, and the publishers were only too proud to acknowledge them. Even after the setting up of the Admiralty Hydrographic Department it was quite common for naval officers to have charts, which they had drawn while on naval service, privately published. Faden, Steel, and Arrowsmith were active in publishing this type of chart, and J. F. Dessiue, Admiral John Knight, James Johnstone, and E. H. Columbine prominent among the officers who supplied surveys or compiled charts. Knight in particular took every opportunity he could to make a survey. He began with large scale plans of ports of interest to the Royal Navy, but he soon moved on to areas with a wider appeal to general shipping with charts of Ireland, the Channel, and the North Sea, all published by Steel. The North Sea chart, first published in 1804, is one of the very few for which the publisher revealed the sources used. A six page analysis appeared in Steel's *Directions for the Pilotage of the North Sea*, published to accompany the chart. Knight apparently provided some 1200 well fixed soundings himself, and the sources used for other positions include Murdo Downie, Dutch and Danish charts, and numerous individual contributions.

As the century advanced the blueback publishers inevitably



Imray's chart of Peru dated 1855 with additions to 1865, was 'drawn chiefly' from the *Beagle* surveys of Fitzroy. The blue paper back can be seen on the rolled portion of the chart. (By courtesy of the National Maritime Museum, Greenwich)

became more and more dependent on Admiralty surveys for their information, and made their living by adapting them for the specialised needs of their customers. The Admiralty seem to have had no objection to the use of their material in private charts. They were somewhat half-hearted suppliers of charts to the public themselves; it was a troublesome business and resulted in extra wear on chart plates. In 1901 the Hydrographer of the Navy summarised the Admiralty's attitude: 'Their Lordships cannot admit that it is otherwise than proper to permit the Mercantile Marine of this country to supply themselves at as low price as possible with charts prepared at the cost of the taxpayer primarily for the use of H. M. Ships but generally for the benefit of the whole community. Their Lordships would also point out that the character and scope of the charts prepared by . . . private publishers and those issued by the Admiralty is so different that they can scarcely be held to compete with one another'.⁸

Nevertheless, there had earlier been resentment in naval circles that information provided by naval officers working in hard and dangerous conditions was being used for private profit. In 1840 the *Nautical Magazine* published an article⁹ on naval surveying which included a blistering attack on the blueback publishers. The writer condemned them as 'irresponsible monopolizers of the results of our surveyors works, seizing them like cormorants of Hydrography, and retailing them, with their own manufactured additions to the honest, but too gullible John Bull merchant skippers . . .' His two main criticisms were that Admiralty surveys were not only copied but copied incorrectly, and that agents who stood to make a higher profit on more expensive bluebacks promoted them at the expense of the better

and cheaper Admiralty originals.

However, for the purchaser, the higher cost of bluebacks was offset by the fact that he needed fewer of them as they were planned to cover a voyage in the lowest possible number of charts. In 1852 a voyage from the Thames to the west coast of South America could have been covered with seven of Imray's charts at a cost of three guineas, whereas more than thirty Admiralty charts would have been needed at a cost of £3 12s 6d, even without buying all the Admiralty large scale harbour plans that Imray included as insets on his charts. The Admiralty did provide much better accuracy and detail but this was not necessarily needed by the merchant skipper. His priority was to make the voyage safely in the shortest possible time; this meant keeping to the open sea, well clear of dangerous coasts for which he would have needed a detailed chart, and he evidently liked the simplicity of having everything on one large chart.

The best evidence that the bluebacks were filling a need in the middle years of the century, in spite of the superiority of Admiralty charts, is their popularity. The market was sufficiently buoyant for publishers to extend their coverage continually to new parts of the world, and the average merchant ship master was buying five or six times as many bluebacks as Admiralty charts. Over the years I have noticed that collections of charts which all belonged to one man are consistent in composition. A typical group dating from any time between 1840 and 1880s consist of about fifteen to twenty charts bought over about ten years. They are normally in a very grimy roll because the size of bluebacks makes it difficult to protect them from the ravages of time. Conventional bluebacks usually account for at least half the collection, the remaining ones being a mixture of foreign charts, East India Company charts, and British Admiralty charts, of which there are probably not more than one or two. The impression these collections give is that for the merchant service the chart for general navigation was the blueback with the occasional Admiralty chart to fill a specialized need.

In the latter part of the century blueback sales began to dwindle. There had been half a dozen or more private publishers in 1800, but with all hydrographic information now coming from the Admiralty there was only room for one. Between 1899 and 1903 the last three businesses combined to form the firm of Imray, Laurie, Norie & Wilson, which still publishes charts for a specialized market.

Bluebacks from the first part of the nineteenth century do not need any special pleading to point out their interest today because many contain original survey material not available elsewhere. It is the later bluebacks, based entirely on Admiralty surveys, that tend to be dismissed by historians because of their derivative nature. Although they have at least three other interesting attributes.

Firstly, their very popularity gives a clue to one reason which should recommend them – their survival today. All charts suffer badly from wear and tear, and in addition Admiralty charts were actually supposed to be destroyed when out of date. Bluebacks have survived better than most. Their owners seem to have been reluctant to part with them when they should have been replaced. When they finally came ashore for the last time they tended to roll them up and put them in the attic to show their grandchildren.

Secondly, they are of interest to anyone studying the development of particular trades. The charts were designed to cover what was needed by a particular trade and the ports it used were included as insets. The very titles of some of the charts suggest topics: the cotton ports of Georgia and Carolina; the rice ports of India, or on a larger scale the eastern passages to China, or the route to Australia.

Thirdly, and this is the most important point, bluebacks often have a historical feature which makes them unique. Until the nineteenth century, charts were not sufficiently accurate to use for actual plotting of day by day positions. Many owners of bluebacks did use them for this, and it is not uncommon to find them with a large number of dated tracks recording each voyage made over fifteen years or more. Sometimes the owner has entered the names of his ships and the ports to which they were bound. Logs of merchant ships were not systematically



Detail from a South Atlantic chart by J. and C. Walker, 1846, with manuscript tracks recording eleven voyages round Cape Horn in the *Pantoleon* in the 1860s. Comments include 'Kain's islet very doubtful' and J. McCarthy was lost overboard.' Kain's Islet had been reported in 1828 and its existence was still not fully ascertained. (Photograph by John Freeman)

preserved like the logs of Royal Naval ships, and relatively few have survived, so anyone with a blueback chart marked with a named and dated track has a piece of original historical information probably available nowhere else.

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- 6 *A New Catalogue of the latest and most Approved Pilots, Charts, Books on Navigation . . . published and sold by Steel & Goddard* (London, 1817).
- 7 *Improved Directions for the Pilotage of the North Sea and its Harbours written to accompany the New Chart of the North Sea . . . constructed from the Original Surveys of Admiral Knight &c.*, fourth edition (London: Steel & Goddard, 1817).
- 8 Vice Admiral Sir Archibald Day, *The Admiralty Hydrographic Service 1795-1919*. (London: HMSO, 1967), p.128.
- 9 'Nautical Surveys and Naval Surveyors', *Nautical Magazine* (1840) p.82 et seq.

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CELESTIAL CHARTS & BATTLE PLANS
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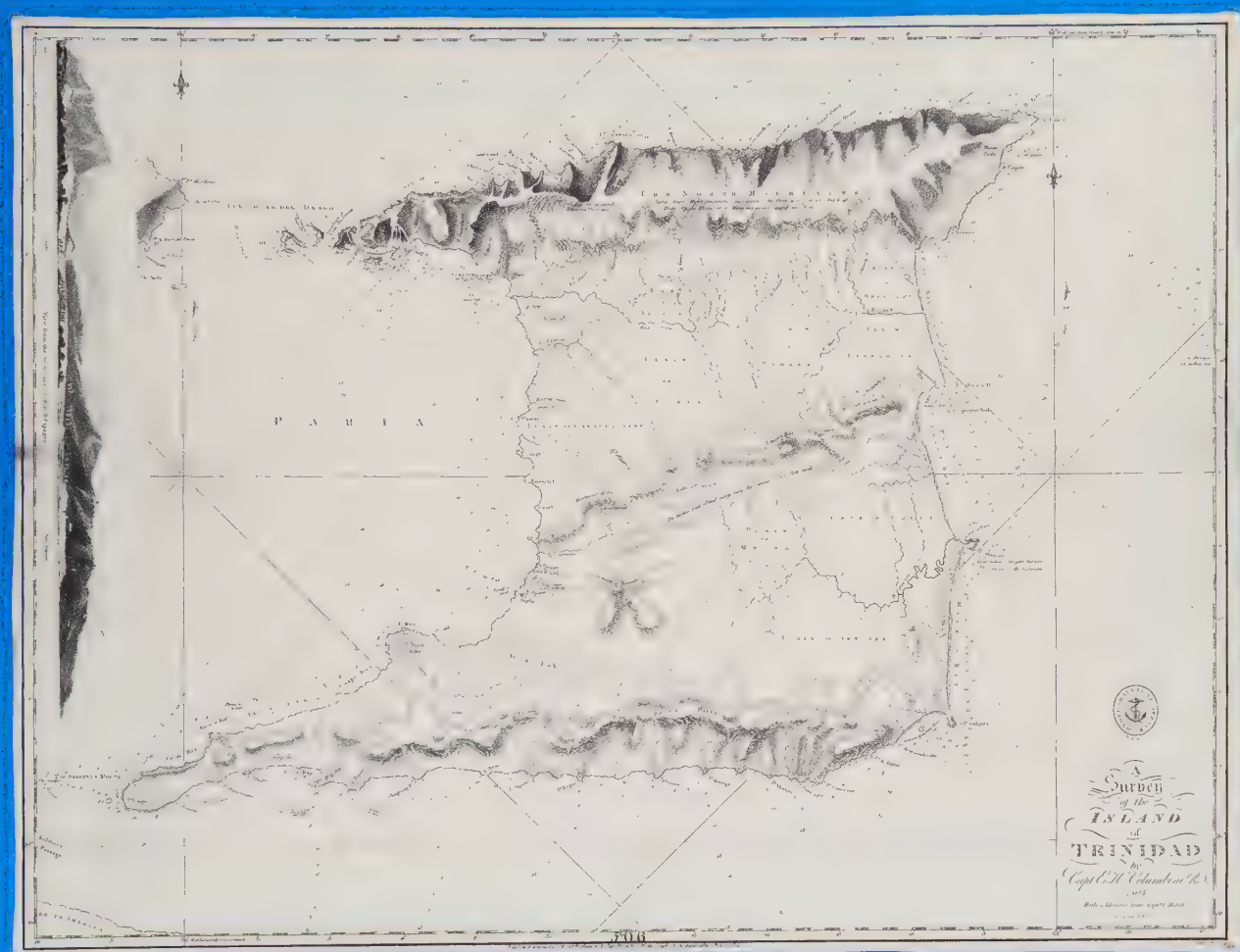
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The Original Monthly Numbers

by Tony Campbell

Moule's *'English Counties'* has long been admired for its ornate maps, the last decorative county series to be published. The recent discovery of a set of the monthly numbers, the only one of the original 10,000 known to have survived, allows the work's seven-year development to be described for the first time. Tony Campbell, who works in the British Library Map Library, examines one of the Library's more interesting recent acquisitions, answering some questions and posing others.

IN THE PREFACE to his two-volume topographical description of 1837, *The English Counties Delineated*, Thomas Moule admitted that at one period he had been left 'without even a hope of his labours being completed.'¹ All those who appreciate the handsome maps with which the work is adorned are grateful that Moule's pessimism proved unfounded. Some idea of the difficulties which gave rise to it can be inferred, however, from an investigation of Moule's book in its original serial form. The only known example of this was acquired recently by the British Library, offering the first opportunity to trace the seven-year development of Moule's best-known work.

The 1837 preface stated clearly that publication had started in May 1830, and six of the maps in the second volume bear dated imprints, proceeding at monthly intervals from 1 May to 1 October 1830. Except for this clear hint of monthly serial publication, little further was known of the work's progress despite the attentions of cartobibliographers since the beginning of this century. Separate examples of numbers XIX (Hertfordshire)² and XXVIII (Norfolk)³ had been located in public collections (to which can now be added No. XXX, Suffolk)⁴; the Cheshire map (No. XXXI) was assigned to 1833, on unknown evidence, although it actually appeared in November 1832⁵; a strange gathering of the first eight maps was described in Cowling's Shropshire bibliography of 1959⁶; and an incomplete early run passed through a dealer's hands a few years ago.⁷ The discovery of a complete run of the first fifty-six numbers, even if lacking the final handful, is thus of relevance to English county collectors and cartobibliographers alike.

The monthly numbers

Each number is enclosed in flimsy yellow wrappers measuring 11¼ × 9 in (28.5 × 22.5 cm). The front cover comprises a type-set title let into a wood-engraved design, bearing the joint imprint of three London booksellers, George Virtue, Simpkin & Marshall and Jennings & Chaplin. The issue number, the county name, the judicial circuit and the date would be altered when necessary, and there were to be changes of printer, but the front covers of the first and last numbers are essentially the same. The upper part of the back cover was habitually used for an index to that number's text while the rest of the page was put to varied use; prospectus, reviews, an account of progress and future plans, advertisements, and so on. Each number is the size and shape of the map, which invariably precedes the sections of text.

Publications of this kind are often referred to as 'part-works' but the terms 'number' and 'part' have different meanings. Moule announced initially that the work would 'form Six Parts . . . comprised in about Forty-eight monthly Numbers'. The obvious implication, that each part was intended to contain eight numbers, seems to be contradicted by a confusing volume in the Bodleian.⁸ This comprises the maps and text for the first eight numbers, bound in logical rather than publication order. These are preceded by the front cover of 'Part 1', dated 1830, with, on the reverse, the combined index for the first three counties only. The figure in the price statement, '3s[hillings] plain (even when altered from a printed '5s)' tends to confirm Cowling's hypothesis that a part contained three, not eight monthly numbers, since each number was sold individually at 1s uncoloured.⁹ Unfortunately, no other part covers can be traced to explain why Monmouth is bound on its own in the Bodleian volume, while the other six county maps are arranged in groups

of three, and the plan of Oxford is in its rightful place.

Phased publication has long been a favoured way of simultaneously spreading out the large investment involved and attracting the non-book-buying public.¹⁰ Charles Dickens was to use this method for his novels from 1836 onwards. Part-works were aimed at those with small incomes and the 'Critical Notices' in No. VII agree on the cheapness of Moule's *English Counties*. Yet the survival of just one set out of the 10,000 which Moule later claimed had been subscribed for¹¹ is not exceptional for works of this nature. Unless the original subscriber sustained his interest and kept the separate numbers together, safe from dirt and damage, he would not have a complete and presentable book to send off for binding at the end. The chance of a heap of numbers in their fragile wrappers withstanding the normal rigours of library use for a century and a half would be very slight. But if the numbers were ultimately redeemed, the printed wrappers – the unique distinguishing feature of the original serial publication – would usually be discarded.

It is probably fortunate, therefore, that the original recipients of this set, the 5th and 6th Viscounts Galway, by narrowly failing to complete it, caused the numbers to be left as they were issued. Because of the 5th Viscount's habit of dating the numbers on receipt, we can, in most cases, add a particular month to the year printed on the outside of the number. Hence this unique set provides for the first time a precise and reliable date for the majority of the Moule maps. Moreover, as an added bonus, each of the crisply engraved maps is set off in the attractive colours of the time, while the finer lines of the etched views are left to speak for themselves. In this way they are revealed as their creators intended, in contrast to the pale shadows found in James Barclay's *Universal English Dictionary* of the 1840s and 1850s.¹²

The sequence in which the maps was issued is seen clearly in the Table, three of whose central columns set down the different dating statements found on the maps or in the numbers that contain them. Moule's *English Counties* is arranged according to the six judicial circuits, a convenient way of linking neighbouring counties. Although this logic was adhered to up to No. XXIII (see the relevant column in the right half of the Table), delays with the London text meant that the Home Circuit was split into two sequences. This was only one of the many adjustments forced on Moule by circumstances. Even if that had not been the case, it is unlikely that anyone would have been able to deduce from the 1837 bookform publication the order in which the numbers had appeared, since, having decided to start with the second volume, Moule broke off to introduce volume 1 after completing only two of its three circuits.

The engravers

Most of the maps are signed by their engravers. A glance down the column concerned shows immediately that James Bingley, William Schmollinger and John Dower were not employed simultaneously to speed up production, as might reasonably have been supposed. Nor did each entirely supplant the other. The reasons for the frequent switches of engraver remain to be fathomed. Schmollinger replaced Bingley at No. XVII but the latter's name reappeared later. Then again, although Dower's imprint predominates towards the end, four of the maps that must have been in the final missing numbers bear Schmollinger's name.

The situation is further complicated by the fact that some engraver's imprints were later altered. For reasons as yet unexplained, Bingley's name was removed and Schmollinger's inserted on at least three maps (Lincolnshire, Nottinghamshire and the environs of London), while the reverse occurred on two others (Hertfordshire and Warwickshire). On two more (Leicestershire¹³ and Inland Navigation, sheet 1) both Bingley and Schmollinger forms are known, although their printing sequence remains to be established. In addition, the plan of

of Moule's 'English Counties'



James Bingley's elegant map of Oxfordshire is one of the most attractive in Moule's *English Counties*. This example from the fourth monthly number in the British Library's recently acquired set shows the map's early form before, for example, the addition of the University arms beneath the Radcliffe Camera. (By courtesy of the British Library)

Oxford, engraved by Cleghorn, would later bear Bingley's name. Subsequently the engraver's imprints were all removed anyway. On the London plan (Schmollinger) this happened in 1834; with Gloucestershire (Bingley) and Norfolk (Schmollinger) it had occurred by 1837. It is not obvious, either, why Bingley, who had inserted his address¹⁴ on the map of Shropshire in No. V should later add it to the already published map of Oxfordshire, but not to his three earliest maps. By the same token, Schmollinger had been producing maps for over a year before he decided to include his address, but would later add it, apparently, to just two of his thirteen previous maps.¹⁵

It is, of course, for their visual appeal that the Moule maps are generally valued. The ornate etched borders with their finely detailed views, which are considered to typify the series, are, however, the creations of Bingley and Schmollinger alone. The close similarity of their work, together with the interchange in their imprints and the fact that their workshops were within 300 yards of each other on either side of City Road, Islington, suggest collaboration rather than rivalry. In contrast, the productions of Cleghorn, Dower and the anonymous artist responsible for some of the later maps are more restrained. Besides his two signed maps, J. Cleghorn's intermittent contributions include the wood-engraved title for the separate numbers, vignettes on wood in No. VII and the 1833 prospectus.¹⁶ There are sufficient similarities between Cleghorn's style and that of the four unsigned maps issued in the period September to December 1834 to leave open the possibility that all are by the same man. Although Schmollinger returned near the work's completion to produce four more county sheets, few elaborate maps were issued after late 1833. While this may reflect no more than the varying abilities of the engravers, it might indicate a desire to cut production costs.

Only seven of the maps specify that the engraver was also responsible for the draughtsmanship,¹⁷ but further differences between the work of the various men suggests that this was the general rule. For instance, Bingley usually included a scale whereas Schmollinger habitually omitted one (again, see the Table). Although the few cartobibliographers to discuss the sources for the Moule maps found them largely unoriginal, it remains to be seen whether the various engravers were supplied with their models or made decisions of a cartographic kind themselves.

The text

Interest among *The Map Collector's* readers is naturally focussed on the fifty-seven maps¹⁸ found in the *English Counties*, which will be discussed later. Nevertheless, these form only a small part of a two-volume work which runs to well over 1000 pages of text. Moule's stated model was Thomas Cox's *Magna Britannia*, published a century earlier and illustrated with reissues of the small Robert Morden county maps.¹⁹ A latter-day Saxton, Moule claimed to have visited every part of England apart from Devon and Cornwall in the search for suitable material.²⁰ Since he wrote all the densely packed text himself (except for the London commentary) it is not surprising that difficulties were encountered in producing the sixteen pages of text promised with each number. As can be seen from the Table, Moule was remarkably consistent in the quantity, month in, month out, for some five years; and this despite his other literary commitments, such as the *Essay on Roman Villas* (1833). However, Moule was already having to apologize in No. IV for the delay in compiling the account of Monmouth.

Despite his original intention that every county should form a single number 'complete in itself', the predictable problems arising from the varying amounts of description appropriate to the different counties eventually caught up with him. The right hand side of the Table explains the precise textual make-up of each number and shows how the overflowing Surrey text of No. XXIII caused map and text to get out of phase, how the expanded London section necessitated additional starred pages, and how towards the end, all semblance of order was lost. The confusion between map and text reached its peak with No. XXXII where a number labelled 'Cheshire' contained, in addition to part of the county's second-volume text, a map of England and the tail-end of the Suffolk commentary from

volume 1. Moule, as a former inspector of 'blind letters' in the Post Office,²¹ would no doubt have taken that in his stride, but what Viscount Galway made of it all he never revealed.

The first of a series of apologies for delays in the production of the London section (written by W. H. Leeds) is found in No. XXII. At first expected 'in a month or two', this was later due 'to be published shortly' (No. XXVIII). It finally appeared, almost eighteen months late, spread unevenly over six numbers and with its text inflated from a planned thirty-two pages to eighty.²²

Increases of this kind obviously forced modifications to Moule's original scheme, which had been to produce a work containing no more than 'a new map of London and a series of forty county maps, with vignette views of remarkable places, and armorial decorations, chiefly from the seals of county towns'.²³ The work was expected to run to about forty-eight numbers. Yet No. IV was already announcing that the City and University of Oxford would form a separate number. Latching onto the figure of forty-eight and failing to notice other unscheduled additions, Viscount Galway solemnly annotated the successive numbers as he received them with intricate mathematical calculations designed to establish how many remained outstanding. Galway was still working on his original assumption when he made his final comment ('five more') on No. XLIII. Two months later, on 2 February 1834, he died, aged 52, 'from a rapid effusion of water on the chest'.²⁴ The obituary of this 'amiable nobleman' further described him as 'one of the best patrons of topographical and antiquarian works'. Disappointingly, his only extensive annotation to the text concerns no more than the names of country house owners and incumbents in the vicinity of his family seat at Serlby Hall in Nottinghamshire.²⁵ Starting in January 1834, when the 5th Viscount was presumably already incapacitated, the numbers are signed without date by the future 6th Viscount, who only troubled to cut open a few of the subsequent pages.

Expansion and development

Confusingly, No. XLV announced that 'this work is now drawing towards its completion'. In fact, as already explained in the 1833 prospectus, the *English Counties* was due to run to 'about Sixty monthly numbers' – still an understatement, given the final tally of sixty-five engraved sheets in the completed work. This unplanned increase was due partly to special pleading from readers.

The Kentish Isle of Thanet does not normally merit a separate map in a county collection but one was included at 'the request of more than one subscriber'.²⁶ Other initiatives were forced on Moule. He met the major political event of 'the present momentous period', the passage of the Reform Bill in 1832, by issuing his double-sized map of England in one, not two numbers, in December of that year, because of the 'approaching General Election'.²⁷ Ten months later he included another folding map to show changes brought about by the Reform Bill, this time to the Metropolitan Boroughs.

It is well known that railways were added to the Moule maps in their later states. His growing awareness of their significance can be traced through the serial issue of his *English Counties*. Although an unnamed railway is already shown in 1830 on the second map (that of Gloucestershire), the prospectus on the back of the first number drew specific attention only to 'navigable canals and principal roads'. When reset for the 1833 prospectus, the last two words were altered to 'principal railroads', but by 1837, when the introduction to the book was written, more than two pages were devoted to the topic.

The back covers also allowed Moule to carry on an intermittent correspondence with helpful or critical subscribers, even if the brief and often encoded messages could have meant little except to the person concerned. Various people were simply thanked, by name or initials,²⁸ for their contributions, on one occasion with the comment that 'information from a respectable source will always be attended to'.²⁹ Poor Mr. Hanshall, though, was publicly humiliated, being told in no uncertain terms that his 'letter has been received; and he is informed that his assistance will not be required'.³⁰ Moule was still soliciting further suggestions as late as No. XLIX. He

It no need, however, to lay all his cards on the table and we are fit to infer the weight of mail he received from the University of Oxford as a result of the many incorrect foundation dates originally shown on the map. Having, one presumes, stirred up the academic hornets' nest, he omitted this type of information from the later Cambridge plan.

The loss of Cambridge dons was slight compared to that of subscribers living in Wales, who had good reason to complain at a work whose original title included a reference to a descriptive view of the present state of England and Wales', should omit the Principality entirely. Right up to the last number in the British Library set Moule kept alive false hopes, promising 'an epitome of the County History in . . . North and South Wales'.

Advertisements

One advantage of serial issue was that it offered regular opportunities for advertising other books, and these notices in turn provide valuable bibliographical information. Strangely, it was not until No. XIV that Jennings & Chaplin, one of the work's co-publishers, first drew attention to Thomas Moore's illustrated *History and Topography of Devon*, of which they had already issued twenty-one numbers. Marching hand in hand with Moule's work, Moore's *Devon* was documented as far as its number 47.

Nos XLVII and XLVIII of the *English Counties* included advertisements placed by a publisher other than one of those listed on the front cover of the numbers. John Bennett, bookseller of Three Tun's Passage and hence near-neighbour of George Virtue in Ivy Lane, took space for two books on the first occasion and a round dozen the second time. Mostly reissues of previous tracts, the second group included a work apparently untraceable today, H. M. Jones' *The Atlas of Modern Geography for Youth of both sexes*. This admirably non-discriminatory work was talked of in provisional terms and seems never to have been published.

Bennett's second advertisement required the whole of the back cover, for once relegating the material normally found there to the other side of the sheet. This need to sell advertising space and Bennett's failure to repeat the experiment – may reflect, and have contributed to, the financial difficulties admitted by Moule and over which, as editor, he had little control.³¹ In his 1837 preface he explained that the proprietors of the work had changed 'more than once'.³² This statement is hard to reconcile, on the one hand, with the presence of the same three booksellers' names on the first and last numbers of the British Library set and, on the other, with the continuity implied by George Virtue's signature on the first map and 1837 volume alike.³³ Nevertheless, there was an evident hiatus at the end. Even if the Table's theoretical distribution, among a further eleven numbers, of those elements present in the 1837 bookform edition but absent from the surviving numbers proved incorrect in detail, it is still likely that a mere ten monthly numbers were issued in 1835 and 1836 combined. The tendency for periodical publications of this period to falter towards the end was admitted in an otherwise reassuring letter from Viscount Galway's supplier, the Oxford Street bookseller Bowdery & Kerby.³⁴ In this respect, Moule's *English Counties* seems to have run true to form.

The monthly numbers and volumes compared

A comparison between the monthly numbers and copies of the two-volume 1837 edition might have had one of two possible results. Had there been no discernible differences between the two forms, it would have been highly likely that the bookform edition had been made up from sets of numbers by the publisher or subscriber. Alternatively, the 1837 edition might have been updated and its text reset. The complicated printing history that emerged, which is heavily summarized here, combined elements from both these hypotheses.

County bibliographers had already drawn attention to fundamental inconsistencies involving the Moule maps. Hodson, for example, noted the presence of both the first and fourth states of the Hertfordshire map in various copies of the 1837, 1838 and 1839 editions of the *English Counties*.³⁵

Bibliography and cartobibliography seem in conflict here, until it is remembered that publishers have been habitually careless about storage of impressions of engraved maps. Whoever controlled the map stock in this case must obviously have added new printings to the top rather than bottom of each separate pile. The Table's relevant columns contrast the map states from the monthly series with those in various bound sets, noting which are unfinished proofs and identifying the variant forms. While it is generally true that the monthly numbers have the maps in their earliest form, as would be expected, this is not invariable. The presence of the plan of Bath and the map of Cornwall in proof forms in different copies of the 1837 edition provides an incentive for all copies of the work to be checked in case other unexpected proofs may be lurking. In the same way, the numerous inconsistencies in the make-up of the various 1837 sets make it impossible to arrange the surviving copies into a single printing sequence.

Changes to the maps

The analysis of variant map states, set out by means of letters in the Table and explained more fully in the Appendix, should be considered a provisional picture of the situation up to 1837.³⁶ Nevertheless, differences have been noted between half the maps in the monthly numbers and their equivalents in one or more of the 1837 sets. In four cases, two stages of amendment had occurred by 1837 and in one instance (Oxford) no fewer than four early states can be identified. Apart from the value of this information to bibliographers and collectors, it also provides a useful pointer to the order in which elements were engraved, while simultaneously revealing the concerns of the maps' editor.

It has to be admitted that little cartographic improvement was made to the Moule maps until 1838, with the single exception of the sheet covering the environs of Bath and Bristol. The expense and inconvenience of altering an existing engraving was evidently sufficient to curb additional references on the maps to Britain's fast-growing railway network in the period up to 1837. Similarly, George IV's cipher was allowed to remain on the map of Berkshire, which had first appeared in May 1830 two months before his death. On the other hand, it was felt important to alter a number of heraldic details, Moule's personal speciality, such as the coats of arms on the map of Staffordshire and the motto on Westmorland.

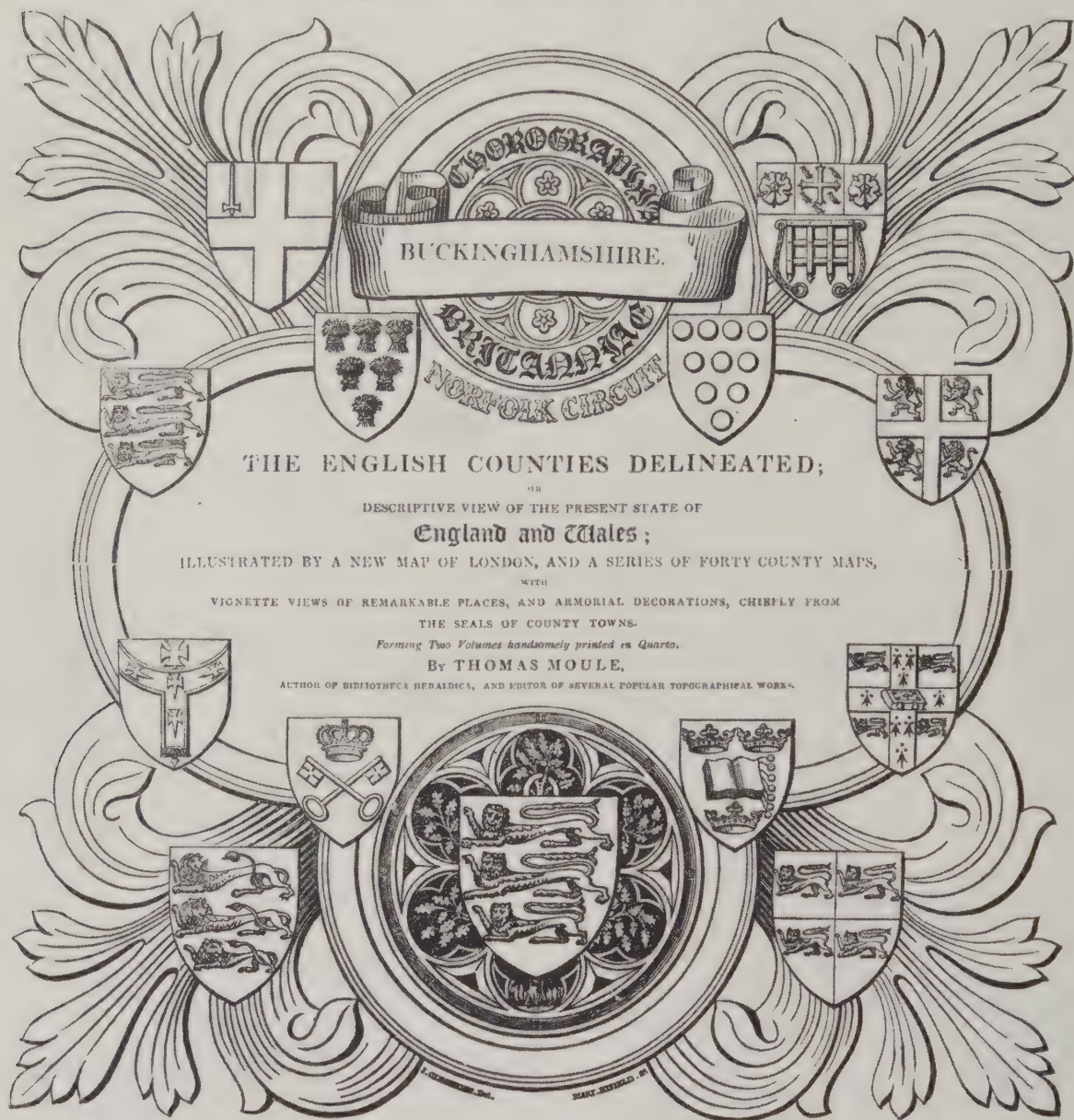
Eight of the maps have been designated as unfinished proof forms. Each of the Moule plates combines engraved outlines and lettering with etched decoration. Most of the elements absent from the maps' earliest forms were due to be etched, whether parts of the surrounding ornament, relief shading or symbolization for trees and parkland. The most common single addition was shading. Since etching, or the use of acid to bite into the plate, achieved a darker line through repeated application, the proof forms of some of the marginal views are noticeably fainter than the completed versions – the opposite situation to that found with engraving.

The number of Moule maps issued to the public in unfinished form can be explained by the overriding need to include the relevant sheet in that month's number whether completed or not. The subsequent reappearance of map proofs up to seven years later in copies of the finished work was probably due to inefficiency in George Virtue's organization. The plan of London, issued in August 1833 and known in a second state of 1834, is the only instance where the date of change can be determined with certainty; and it is notable that two of the four 1837 copies examined contained the redundant 1833 form. On the assumption that the 1837, 1838 and 1839 title-pages of Moule's *English Counties* provide an accurate date for the issue of the volumes concerned, even if some of their matter had been printed earlier, it can be said with certainty that all the other changes documented in the Appendix had occurred by 1837 at the latest.

Text changes

Whereas the random use of map stock by publishers was a relatively common practice, it is surprising to find that the same applies to Moule's text. A printer's usual procedure was to set

MOULE'S ENGLISH COUNTIES.



LONDON:

G. VIRTUE, 26 IVY LANE; SIMPKIN AND MARSHALL, STATIONERS' COURT;

JENNINGS AND CHAPLIN, 62 CHEAPSIDE;

AND MAY BE HAD OF ALL BOOKSELLERS.

RICHARD TAYLOR, PRINTER,

1832.

RED LION COURT, FLEET STREET.

The annotations made to the front covers of the monthly numbers allow many of the accompanying county maps to be accurately dated for the first time. The original recipient of the British Library's set, the 5th Viscount Galway, whose mathematical calculations can be seen at the foot of this No. 25, was misled into thinking that forty-eight numbers were planned, and hence that twenty-three remained outstanding. (By courtesy of the British Library)

the copy, print it and then distribute the type, so as to free a valuable capital asset for other work. In the case of Moule's *English Counties*, though, the type remained standing, at least up to 1838, as can be established from the distinctive broken letters. That at least two printers were involved makes this additionally surprising, and this aspect of Moule's *English Counties* invites investigation by a printing historian.

The front covers of successive numbers attribute the printing of Nos I-XL to Richard Taylor and Nos XLIX-LIV to Jacob Unwin (the others being unsigned). Yet the labour of two printers, and probably more, must all have been in Unwin's hands in 1837 when he placed his imprint on the dated title-pages and ran through the press the original settings, in many cases slightly rearranged. One must presumably visualize,

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Crutched Friars..... 71	Northumberland Alley.. 71	St. George, Botolph Lane 71	

In consequence of the extra size of the Map of London, accompanying this Number, for which the Proprietors have been put to a great additional expense, they are under the necessity of charging double:—but even then, without the hope of remuneration.

The division of this Work into Counties, for the convenience of Subscribers who may be disposed only to purchase the descriptions relative to their own immediate neighbourhood, combined with the determination of the Proprietors to adhere to their original Prospectus, by publishing every Number at the same price, has rendered it absolutely necessary to continue the description of the larger Counties in more than one Number, while that of the smaller Counties sometimes occupies less. Oxfordshire, with the University, is accordingly a double Number; Lincolnshire, the third county with respect to size in the kingdom, occupies a double Number, or thirty-two pages; and Norfolk, also a double Number, extends to forty-two pages in description; but Rutlandshire, Huntingdonshire, Bedfordshire, Herefordshire, and some others, are described in a less compass than is required for one Number.

The Numbers of this Work already published contain Descriptions of

Berkshire,	Rutlandshire,	Bedfordshire,
Gloucestershire,	Lincolnshire,	Buckinghamshire,
Herefordshire,	Northamptonshire,	Cambridgeshire,
Oxfordshire,	Nottinghamshire,	Huntingdonshire,
Shropshire,	Warwickshire,	Norfolk,
Staffordshire,	Essex,	Suffolk,
Oxford,	Hertfordshire,	Cheshire,
Monmouthshire,	Kent,	Cumberland,
Worcestershire,	Middlesex,	Isle of Man,
Derbyshire,	Surrey,	Durham,
Leicestershire,	Sussex,	Lancashire.

In the course of Publication,

THE HISTORY AND TOPOGRAPHY OF THE COUNTY OF DEVON, BY THE REV. THOMAS MOORE.

INCLUDING

OUTLINES OF THE PHYSICAL GEOGRAPHY, GEOLOGY, AND NATURAL HISTORY OF
THE COUNTY,

By E. W. BRAYLEY, JUN. A.L.S.

WITH HIGHLY FINISHED ENGRAVINGS

FROM ORIGINAL DRAWINGS, TAKEN EXPRESSLY FOR THIS WORK, BY

G. B. CAMPION, W. H. BARTLETT, T. H. WILLIAMS, AND OTHER EMINENT ARTISTS.

Numbers 1 to 16 have already been published, price 1s. octavo, and 2s. quarto; or neatly done up in Parts, price 3s. octavo, and 6s. quarto. Or, Vol. I. being now completed may be had, price 2l. 11s. quarto, and 1l. 5s. octavo.

The back cover of each monthly number was always put to good use. No. XXXIX shows a typical mixture of the usual elements: an index; various comments, in this case announcing the long delayed folding map of London and explaining why county maps and their descriptions had sometimes become separated; 'the story so far'; and an advertisement for another part-work, Moore's *Devon*. (By courtesy of the British Library)

Therefore, well over a hundred printing forms (each containing four pages of text) being trundled up Fleet Street from Taylor's press in Red Lion Court towards those of his successor Unwin in St Peter's Alley, off Cornhill.

The textual alterations took various forms. On page 62 of the second volume, for example, Moule, the heraldry expert, added at the end of the first column an italicized passage about the

arms of Monmouth. Other changes affected the printer's 'signature', the alphabetical sequence traditionally placed at the foot of the page to indicate to the binder the order of the printed sections – in a quarto work like this, usually of eight pages each. The unplanned expansion of the work during publication had destroyed any logic there might have been in the succession of signatures and unsuccessful attempts were made to rationalize

this.³⁷ In other cases the existing type was slightly adjusted, causing differences to the line endings.

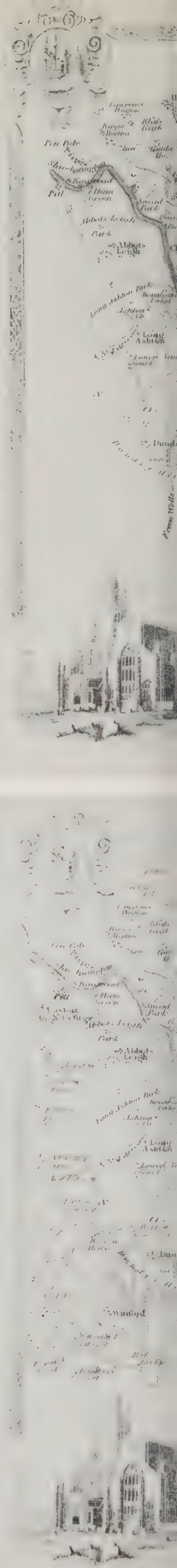
Most of these alternative versions of the text can be arranged into a printing sequence, in much the same way as maps can be ordered into states. Yet a comparison between the monthly numbers on the one hand, and four copies of the 1837 edition and one of the 1838 on the other,³⁸ found that no one copy was consistently earlier or later than any other. The printed sections must have been pre-printed and as carelessly stored as the maps, so that the examined copy of the 1838 edition was in some respects closer to the monthly numbers than the 1837 examples. In the six numbers signed by Unwin as printer a note drew the reader's attention to the fact that a 'very extensive reprint of the early numbers has been made, – Subscribers may now complete their sets of ordering of their respective Booksellers'. With the type left standing, there is no obvious way that any reprinted numbers could be distinguished from the original versions. On at least two occasions, though, sections of text were entirely reset.³⁹ The presence of the original setting for these passages in the 1837 set in Cambridge University Library and the perfect match of its signatures with those in the British Library's monthly numbers, identify, with some degree of certainty, the Cambridge volumes as the only ones (of the four examined) to have been compiled from the original numbers.

This study of Moule's most celebrated work has demonstrated, I hope, the need for the twin disciplines of cartobibliography and bibliography to be brought to bear on works which combine maps with significant quantities of text. Nevertheless, sufficient questions remain unanswered to leave plenty of scope for future investigation, particularly into the variant states of those maps not covered by recent county studies.

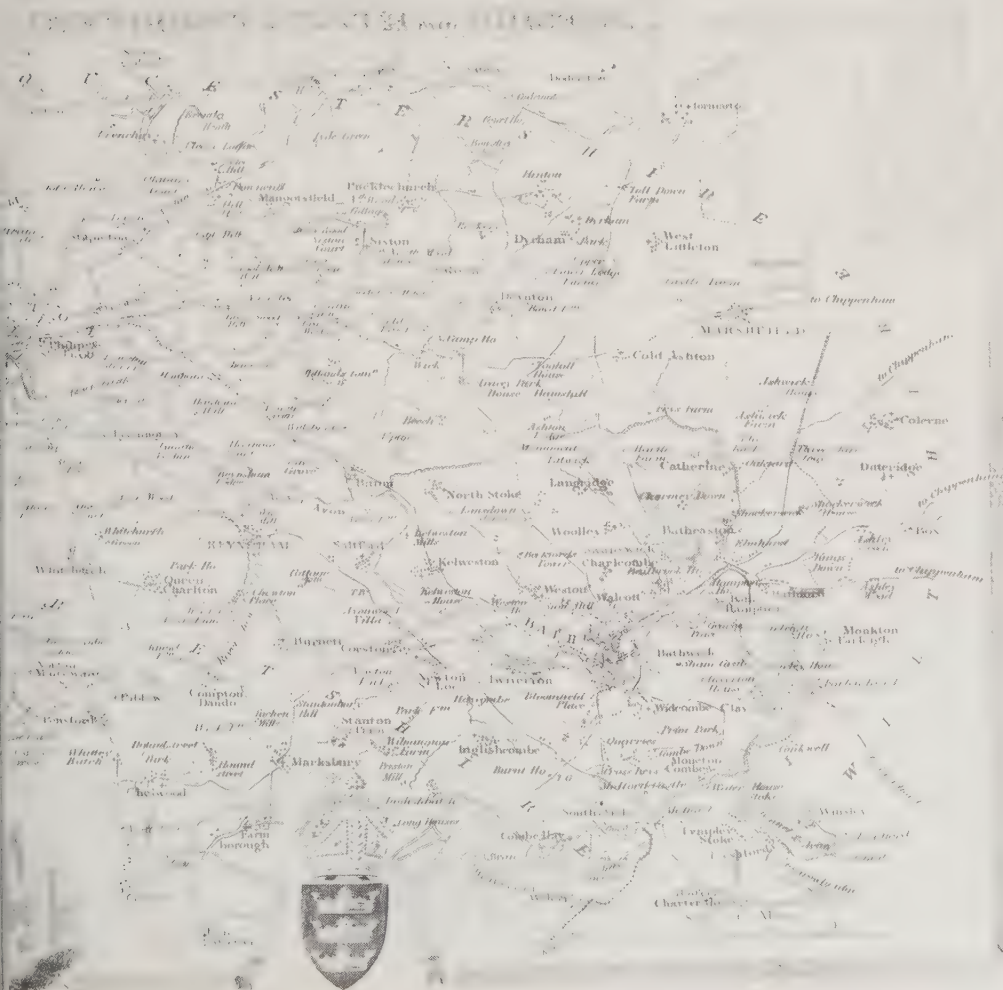
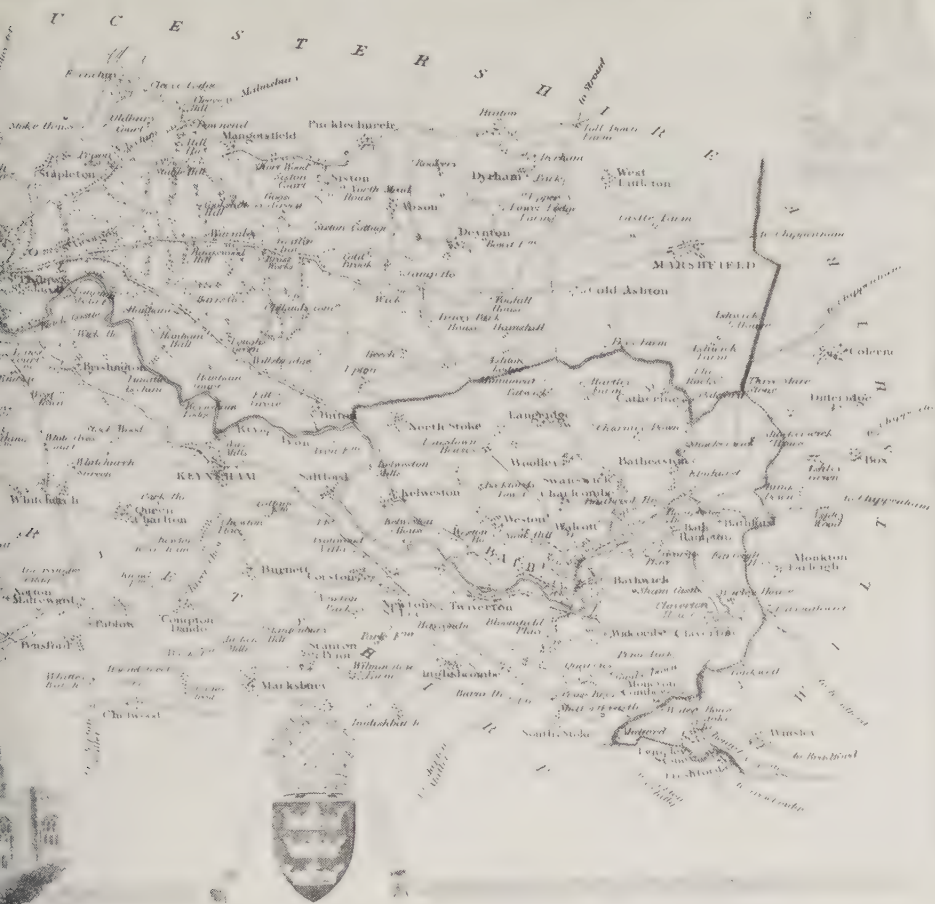
References

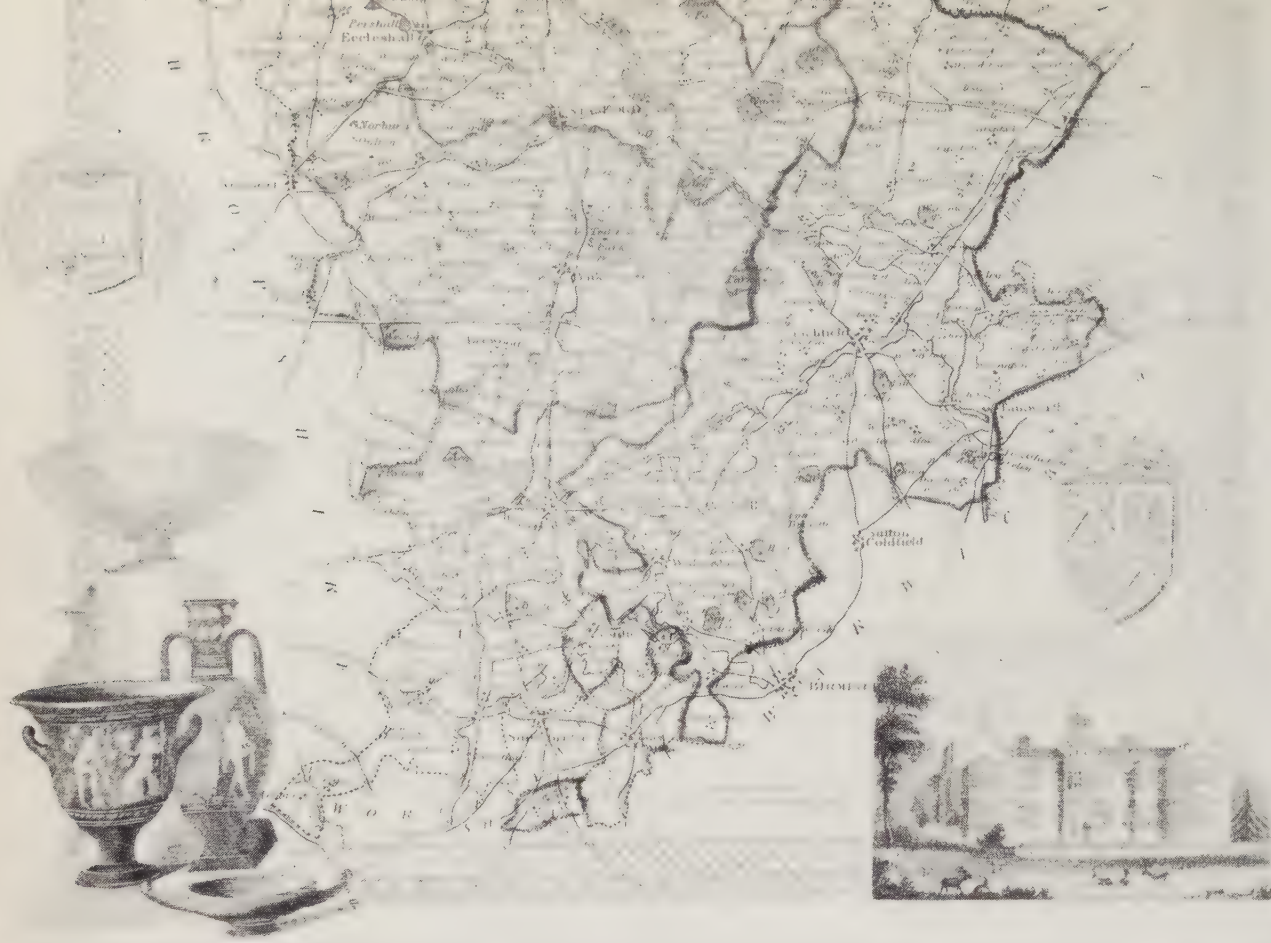
- 1 Thomas Moule, *The English Counties Delineated*, 2 vols (London: George Virtue, 1837), I, iv.
- 2 Hertfordshire Central Library, St Albans, Y001.33; see Donald Hodson, *The printed maps of Hertfordshire 1577-1900* (London: Dawsons, 1974), p.135.
- 3 Norfolk Central Library, Norwich, C942.61; see Thomas Chubb, *A descriptive list of the printed maps of Norfolk, 1574-1916* (Norwich, 1928), p.115.
- 4 Norfolk Central Library, ZS 942.64.
- 5 Harold Whitaker, *A descriptive list of the printed maps of Cheshire 1577-1900* (Chetham Society, 1942), p.127.
- 6 Geoffrey C. Cowling, *A descriptive list of the printed maps of Shropshire A.D. 1577-1900* (Salop County Council, 1959), p.123.
- 7 Nos 1-11, 18-21, 24-26. They were sold by David Bannister of Cheltenham to private collectors.
- 8 Bodleian Library, C17 d.25.
- 9 Whereas the printed statement on each monthly number listed an alternative price of 1s[hilling] 6d[pence] if the map was coloured, the Bodleian part makes no mention of a coloured issue. A note on the back of No. XXII, however, offered parts both plain and coloured.
- 10 Other nineteenth century atlases which survive in their serial form include Fullarton's *Companion Atlas* of c.1852-60 (British Library, Maps 42, f.7.). The Society for the Diffusion of Useful Knowledge, who communicated their approbation of Moule's work (No. VII), were simultaneously engaged in their own part-work, *A Series of Maps* (British Library, Maps 177j.1.). The major collection of serial works contains no cartographic material, see *The Arents Collection of Books in Paris and associated literature: a complete checklist* – with an introductory survey by Sarah A. Dickson (New York Public Library, 1957), and *A Supplement to the Checklist 1957-1963*, compiled by Perry O'Neill (New York Public Library, 1964).
- 11 No. XXIX.
- 12 For a general account of the successive issues of Moule's maps, see David Smith, *Antique maps of the British Isles* (London: Batsford, 1982), pp.176-78.
- 13 Basil L. Gimson and Percy Russell, *Leicestershire maps: a brief survey* (Leicester, 1947), p.35.
- 14 57 Charles Street, Goswell Road (or City Road).
- 15 '27 Goswell Terrace' appears first on the map of Cheshire (No. XXXI). It was later added to Cambridgeshire and Suffolk.
- 16 Inserted into No. XXXIX. On Bingley, Cleghorn and Dower see Basil Hunnisett, *A dictionary of British steel engravers* (Leigh-on-Sea: F. Lewis, 1980), although the connections with Moule's *English Counties* are not mentioned.
- 17 The Environs of London (Bingley), Cornwall and Somerset (Dower), Wiltshire and the three Yorkshire Ridings (Schmollinger).
- 18 Excluding the 'Principal Hills' diagram and treating the four-sheet map of the Inland Navigation as a single map.
- 19 Preface to *The English Counties*, I, iii. See Donald Hodson, *County atlases of the British Isles published after 1703. Volume I: Atlases published 1704-1742 and their subsequent editions* (Tewin Press, 1984), no. 128 – one of several eighteenth century part-works described in the bibliography.

Changes to the Moule maps, between their sometimes rushed inclusion in the monthly numbers and their definitive forms in the 1837 volumes, usually affected no more than the etched ornamentation. The map of the Bath and Bristol neighbourhood is the main exception to this rule, with its cartographic detail extended to the edges of the sheet after the map's first appearance in 1835 (top, Maps C.27c.5; bottom, Maps 5.b.4. – both by courtesy of the British Library)



ENVIRONS OF BATH AND BRISTOL





About half the Moule maps were to be altered between the monthly numbers and the bookform edition of 1837. These contrasting details of the lower half of James Bingley's map of Staffordshire show how on the later form (bottom) the awkward bowl of 1830 has been replaced by an urn, while the two coats of arms have also been redrawn. (top, Maps C.27c.5.; bottom, Maps 5.b.4. — both by courtesy of the British Library)



20 *The English Counties*, I, iv.
 21 *The Dictionary of National Biography*, largely repeating the obituary in the *Gentleman's Magazine*, New Series, XXXVI (August 1851), 210-11.
 22 The London section was offered separately 'in boards' at 5 shillings (No. XLIV) but no example appears to have been traced.
 23 The front cover of each number.
 24 William George Monckton-Arundell, 5th Viscount Galway (succ. 1810, d. 1834). Obituary in the *Gentleman's Magazine*, New Series, I (1834), 437.
 25 No. XVI (vol. 2, pp.236-38).
 26 No. XLIII.
 27 The 1832 prospectus inserted in No. XXXII.
 28 Twemlow of Hatterton (XIII), R.H. (XV), P.G. (XXIII), A.B. (XXV), J.J. (XXIX & XLIII), Josiah Stokes (XLI).
 29 Addressed to 'Amicus' (No. VII).
 30 No. XXVI.
 31 No. XXIX. Moule explains to J.J. that '... the plan of publication is not exactly within the Editor's province.'
 32 *The English Counties*, I, iv.
 33 Though the combined signature of Virtue and Simpkin & Marshall on the advertisement inserted into No. XXXIX and its repetition on the engraved title to vol. I is significant.
 34 'We beg to inform your Lordship Moule's Counties will be made complete

when finished. Periodicals are often incomplete in the letterpress before finished'. The letter, dated 28 February 1831, is attached inside the front cover of No. X.
 35 Hodson, *Hertfordshire*, p.135.
 36 Only a few copies were examined and some points could not be checked because the foot of the map is often lost in the gutter of bound volumes.
 37 Although some signatures were altered twice, the 1838 volumes are, if anything, more chaotic than the monthly numbers or the 1837 edition.
 38 For the 1837 editions see note 'a' to the Table; the 1838 edition is Cambridge University Library, Atlas 6.83.12-13.
 39 No. XXXV (vol. 2, p.310), where the last word of the first line, 'curiosities', becomes 'curi-' in the reset version; and No. XLI (vol. 1, pp.81-88), which, for example, begins the second column of p.88 with 'and' (original) and 'lead' (resetting).

Acknowledgements

I wish to thank the following for their assistance: Betty Fathers (Bodleian Library), Peter Barber, Elizabeth James, Terry Kay (British Library), Roger Fairclough (Cambridge University Library), Vivienne Prowse (Hertfordshire Central Library), Bernard McTigue (New York Public Library, Arents Collections), C. Wilkins-Jones (Norfolk Central Library), David Bannister, Donald Hodson and Mary Walshaw.

Appendix: Observed Map Variants

Ways in which the monthly numbers (MN) differ from four copies of the 1837 edition:— (1) British Library, Maps 5.b.4, (2) British Library, 10353.c.5, (3) Guildhall Library, S.914/2 MOU, (4) Cambridge University Library, Atlas 6.83.6-7. Reference is also made to the numbers in the Norfolk Central Library and the Bodleian's 'Part I'.^a

Bath (LIII)

A (proof) – (1)
 B – adds shading, e.g. behind the title wording, inserts a criss-cross pattern inside the border, and places vegetation and other features on the common land in the gardens (MN.2,3,4).

Bath and Bristol, environs (LV)

A – (MN)
 B – adds a scale (4)
 C – incorporates major changes, with the detail extending to the edges of the sheet. Additions include shading for Bristol, hills and parks, and relief (1,2,3). *See illustration.*

Boston (XIV)

A – (MN,4)
 B – adds trees, e.g. in St John's Church Yard (1,2,3).

Buckinghamshire (XXV)

A (proof) – (MN.2,3,4)
 B – adds relief, and sky around the label 'Eton College' (1).

Cambridgeshire (XXVI)

A – (MN,3,4)
 B – adds Schmollinger's address (1)
 C – The engraver's name has been entirely trimmed off (2)

Cornwall (L)

A (proof) – (4)
 B – adds four coats of arms, and a title beneath the Land's End view (MN,1,2,3)

Dorset (LI)

A (proof) – (MN,4)
 B (proof) – brackets the hundreds into groups lettered A-I (2)
 C – adds identifications to the seals of the abbots of Abbotsbury and Shaftesbury, and to the arms of Dorchester (1,3)

Gloucestershire (II)

A – (MN,1,4)
 B – Adds shading for the R. Severn, and parallel lines in the general border and around the three views (Bodleian, 2)
 C – Bingley's signature, lower right, removed (3)

Herefordshire (III)

A – (MN,4)
 B – adds relief and decorative detail, e.g. the lower view is boxed in (Bodleian,1,2,3)

Hertfordshire

see Hodson, *Hertfordshire*, no.94, editions i-iv)

Land Navigation, sheet I (XXXIV)

5ch. – with Schmollinger's signature (plus address) as engraver (MN,2,4)
 3i. – with Bingley's signature (without address) as engraver (1,3)
 The sequence is unclear

Lincolnshire (XIII)

A (proof) – (MN,2,3,4)
 B – removes Bingley's signature and shades the arms of Grimsby Castle (1)
 The British Library also holds a loose example of a subsequent state with Schmollinger's imprint (3355.(29.))

London (XXXIX)

Howgego 349(1),^b dated 1833 and due to be altered on state 2 to 1834, with the removal of Schmollinger's name (MN,3,4)
 Howgego 335(2), the undated state 2 of Virtue's map of 1831 (1,2)

London, environs (XXIX)

A. Howgego 315(1), with Bingley's name (MN – although the 1828 imprint of Cowie & Strange, if that is what it is, has been almost entirely trimmed off)
 B. Howgego 315(2) = 349a, with Schmollinger's name replacing Bingley's and additional shading, e.g. heavy horizontal lines above the Post Office view (1,2,3,4)

London, Metropolitan Boroughs (XL)

Howgego 338
 A – (MN,2,4)
 B – adds three railways: the Birmingham (Enabling Act, May 1833, opened 1837-8), the Greenwich (E.A., May 1833, opened 1836-8), and Southampton (E.A., July 1834, opened 1838) (1,3)

Middlesex (XXI)

A – (MN,3)
 B – adds shading to London (1,2,4)

Monmouth (VIII)

A – (MN)
 B – adds shadowing, e.g. alongside the coats of arms (Bodleian,1,2,3,4.)

Norfolk (XXVIII)

A – (MN, Norfolk Central Library)
 B – adds horizontal shading behind the title (1,3,4)
 C – removes Schmollinger's name from the bottom (2)

Northumberland (XXXVII)

A – (MN,1,3,4)
 B – adds shading behind the 'Reference to the Wards' and the equivalent panel to the right (2)

Oxfordshire (IV)

A (proof) – (MN,3,4)
 B – inserts Bingley's address, adds relief and decorative shading and further decorative detail, such as the University arms beneath the Radcliffe Library (Bodleian,1,2)

Oxford, city (VII)

A – (MN)
 B – adds 'Charwell' to 'River' (4)
 C – four college foundation dates have been added, among them Magdalen (1457), and seven have been altered, e.g. University College from 872 to 1280 (Bodleian,3)
 D – Cleghorn's name is replaced by Bingley's and shading is added behind the city arms in the lower border (1,2)

Plymouth and Devonport, environs (XLIX)

A (proof) – (MN,2,3,4)

B – shades in areas of woodland and downland with the appropriate symbols (1)

Shropshire (V)

A – (MN,1,3,4)
 B – adds a double-line frame around the detached portion of the county to the west (Bodleian,2)

Somerset (published later than No. LVI)

A – undated (1,3,4)
 B – adds 1836 in the lower border (2)
 Traces of the final digit of the date can be made out on the clearly later state which includes railways (British Library, 12982.h.10.)

Staffordshire (VI)

A (proof) – (MN)
 B – the arms of Stafford, formerly within a circular frame, have been redrawn within a shield. The awkward bowl beneath has been replaced by an urn containing flowers. There has been additional hatching, e.g. to the sycamore pods around the title, 'Litchfield' in the title to the cathedral view has been corrected to 'Lichfield'. The coat of arms, lower right, has been redrawn and enlarged so as to incorporate the 'K' of Warwicksh[ire] (Bodleian,1,2,3,4). *See illustration.*

Suffolk (XXX)

A – (MN, Norfolk Central Library 1,4)
 B – adds Schmollinger's address (2,3)

Sussex

(see Kingsley's no.110, editions i & ii)

Westmorland (LII)

A – (MN,2,3,4)
 B – alters 'desdichardo' in the motto to 'desdichado' (1)

Worcestershire (IX)

A – (MN,4)
 B – adds shading, e.g. to the roundles in the episcopal arms (1,2,3)

Notes to the Appendix

- a Seven of its eight maps appear in the following list and in each case the Bodleian copy is in a later state than that found in the monthly numbers. Gloucestershire and Herefordshire, which belong to the 1830 Part 1, must therefore have reached their second states before 1831; but the same cannot necessarily be said for the others whose part-titles – perhaps with later dates – have been lost.
- b James Howgego, *Printed maps of London circa 1553-1850*, second edition (London: Dawson, 1978).
- c David Kingsley, *Printed maps of Sussex 1575-1900*, Sussex Record Society Volume 72 (Lewes, 1982), no. 110.

Table showing the make-up of each

MAP INFORMATION

VARIANT STATES ^a										
NUMBER	MAP COVERAGE	PUBLISHER (VIRTUE)	ENGRAVER (a = address given)	SCALE	BRITISH LIBRARY		(P – proof)	GUILD- HALL (3)	C.U.L. (4)	DATE ON MAP/SHEET
					(1)	(2)				
I	BERKSHIRE	V	Bingley	S						1 May 1830
II	GLOUCESTERSHIRE	V	Bingley	S	A	A	B	C	A	1 June 1830
III	HEREFORDSHIRE	V	Bingley	S	A	B	B	B	A	1 July 1830
IV	OXFORDSHIRE	V	Bingley	S	A(P)	B	B	A(P)	A(P)	1 August 1830
V	SHROPSHIRE	V	Bingley (a)	S	A	A	B	A	A	1 September 1830
VI	STAFFORDSHIRE	V	Bingley (a)	S	A(P)	B	B	B	B	1 October 1830
VII	PLAN OF OXFORD	V	Cleghorn		A	D	D	C	B	
VIII	MONMOUTHSHIRE		Bingley (a)	S	A	B	B	B	B	
IX	WORCESTERSHIRE		Bingley (a)	S	A	B	B	B	A	
X	DERBYSHIRE		Bingley	S						
XI	LEICESTERSHIRE		Bingley (a)	S						
XII	RUTLAND		Bingley (a)	S						
XIII	LINCOLNSHIRE		Bingley (a)		A(P)	B	A(P)	A(P)	A(P)	
XIV	PLAN OF BOSTON		Bingley (a)	S	A	B	B	B	A	
XV	NORTHAMPTONSHIRE		Bingley (a)							
XVI	NOTTINGHAMSHIRE		Bingley (a)							
XVII	WARWICKSHIRE		Schmollinger							
XVIII	ESSEX		Schmollinger							
XIX	HERTFORDSHIRE		Schmollinger							
XX	KENT		Schmollinger							
XXI	MIDDLESEX		Schmollinger		A	B	B	A	B	
XXII	SURREY		Schmollinger	S						
XXIII	SUSSEX		Schmollinger	S						
XXIV	BEDFORDSHIRE		Schmollinger							
XXV	BUCKINGHAMSHIRE		Schmollinger		A(P)	B	A(P)	A(P)	A(P)	
XXVI	CAMBRIDGESHIRE		Schmollinger		A	B	?	A	A	
XXVII	HUNTINGDONSHIRE		Schmollinger							
XXVIII	NORFOLK		Schmollinger		A	B	C	B	B	
XXIX	ENVIRONS OF LONDON		Bingley	S	A	B	B	B	B	(1828?)
XXX	SUFFOLK		Schmollinger		A	A	B	B	A	
XXXI	CHESHIRE		Schmollinger (a)							
XXXII	ENGLAND (folding)		Schmollinger (a)	S						
XXXIII	CUMBERLAND		Schmollinger							
XXXIV	INLAND NAVIGATION, N.E. (Sheet 1)		Schmollinger (a)	S	Sch.	Bi.	Sch.	Bi.	Sch.	
XXXV	DURHAM		Schmollinger (a)							
XXXVI	LANCASHIRE		Schmollinger (a)							
XXXVII	NORTHUMBERLAND		Schmollinger (a)		A	A	B	A	A	
XXXVIII	ISLE OF MAN	V	Bingley	S						1 June 1833
XXXIX	LONDON (folding)		Schmollinger (a)	S	1833	(different map)		1833	1833	... for 1833'
XL	METROPOLITAN BOROUGH (folding)		—	S	A	B	A	B	A	

monthly number

TEXT INFORMATION

DATE ON OVER	DATE NOTED BY RECIPIENT	NUMBER HEADING	JUDICIAL CIRCUIT ^h	VOL.	PAGES	TEXT COVERAGE	NUMBER OF PAGES
1830	May 1830	Berkshire	O	2	1-16	Berkshire	16
1830	June 1830	Gloucestershire	O	2	17-36	Gloucestershire	20
1830	July 1830	Herefordshire	O	2	37-50	Herefordshire	14
1830	August 1830	Oxfordshire	O	2	67-82	Oxfordshire	16
1830	September 1830	Shropshire	O	2	99-118	Shropshire	20
1830	October 1830	Staffordshire	O	2	119-138	Staffordshire	20
1830	November 1830	Oxford	O	2	83-98	Oxford	16
1830	December 1830	Monmouthshire	O	2	51-66	Monmouthshire	16
1831	January 1831	Worcestershire	O	2	139-154	Worcestershire	16
1831	February 1831	Derbyshire	M	2	155-170	Derbyshire	16
1831	March 1831	Leicestershire	M	2	171-186	Leicestershire	16
1831	May 1831	Rutlandshire	M	2	243-250	Rutland	8
1831	June 1831	Lincolnshire	M	2	187-202	Lincolnshire	16
1831		Lincolnshire	M	2	203-218	Lincolnshire	16
1831		Northamptonshire	M	2	219-234	Northamptonshire	16
1831	August 1831	Nottinghamshire	M	2	235-242 235 ^h -242 ^h	Nottinghamshire	16
1831		Warwickshire	M	2	251-266	Warwickshire	16
1831	October 1831	Essex	H	1	1-16	Essex	16
1831	November 1831	Hertfordshire	H	1	17-32	Hertfordshire	16
1831	December 1831	Kent	H	1	33-48	Kent	16
1832	February 1832	Middlesex	H	1	49-54 55-64	Kent Middlesex	16
1832	March 1832	Surrey	H	1	97-112	Surrey	16
1832	March 1832	Sussex	H	1	113-116 117-128	Surrey Sussex	16
1832	April 1832	Bedfordshire	N'k	1	129-136 137-144	Sussex Bedfordshire	16
1832	May 1832	Buckinghamshire	N'k	1	145-148 149-160	Bedfordshire Buckinghamshire	16
1832	July 1832	Cambridgeshire	N'k	1	161-168 169-176	Buckinghamshire Cambridgeshire	16
1832	August 1832	Huntingdonshire	N'k	1	177-184 201-208	Cambridgeshire Huntingdonshire	16
1832	August 1832	Norfolk	N'k	1	209-210 211-224	Huntingdonshire Norfolk	16
1832	September 1832	Norfolk	N'k	1	225-240 (Index leaf)	Norfolk	16
1832	October 1832	Suffolk	N'k	1	241-252 253-256	Norfolk Suffolk	16
1832	1 November 1832	Suffolk	N'k	1	257-272	Suffolk	16
1832	December 1832	Cheshire	N'n	1 2	273-280 267-274 (Inserted note)	Suffolk Cheshire	16
1833	January 1833	Cheshire	N'n	2	275-290	Cheshire	16
1833	February 1833	Cumberland	N'n	2	291-306	Cumberland	16
1833	March 1833	Durham	N'n	2	307-308 309-322	Cumberland, I. of Man Durham	16
1833	May 1833	Lancashire	N'n	2	323-330 331-338	Durham Lancashire	16
1833	June 1833	Lancashire	N'n	2	339-354	Lancashire	16
1833	July 1833	Northumberland	N'n	2	355-364 365-370	Lancashire Northumberland	16
1833	August 1833	London	H	1	65-72 (2 advert. leaves)	London	8
1833	October 1833	London	H	1	73-80	London	8

Table showing the make-up of each

MAP INFORMATION *continued*

VARIANT STATES ^a										
(P = proof)										
NUMBER	MAP COVERAGE	PUBLISHER (VIRTUE)	ENGRAVER (a = address given)	SCALE	(MN)	BRITISH LIBRARY		GUILD- HALL (3)	C.U.L. (4)	DATE ON MAP/SHEET
						(1)	(2)			
XLI	INLAND NAVIGATION, N.W. (Sheet 2)		Bingley							
XLII	INLAND NAVIGATION, S.W. (Sheet 3)		Dower							
XLIII	ISLE OF THANET		Dower	S						
XLIV	INLAND NAVIGATION, S.E. (Sheet 4)		Dower							
XLV	PLAN OF CAMBRIDGE		Dower							
XLVI	PRINCIPAL HILLS		Dower 'from a drawing by E. I. Smith'							1834
XLVII	DEVONSHIRE		Dower							
XLVIII	HAMPSHIRE		Dower	S						
XLIX	PLYMOUTH & DEVONPORT, ENVIRONS		Dower	S	A(P)	B	A(P)	A(P)	A(P)	
L	CORNWALL		Dower	S	B	B	B	B	A(P)	
LI	DORSET		—		A(P)	C	B(P)	C	A(P)	
LII	WESTMORLAND		—		A	B	A	A	A	
LIII	PLAN OF BATH		—		B	A(P)	B	B	B	
LIV	ISLAND OF WIGHT		—	S						
LV	BATH AND BRISTOL, ENVIRONS		Cleghorn (Signs 'Redcliff Renovated')		A	C	C	C	B	
LVI	PORTSMOUTH, ENVIRONS		Dower	S						

MISSING FINAL NUMBERS (A POSSIBLE RECONSTRUCTION):-

(LVII)	SOMERSET		Dower			A	B	A	A		1836 on Variant 'B'
(LVIII)	WILTSHIRE		Schmollinger								
(LIX)	YORKSHIRE, EAST RIDING		Schmollinger	S							
(LX)	YORKSHIRE, NORTH RIDING		Schmollinger								
(LXI)	YORKSHIRE, WEST RIDING		Schmollinger								
(LXII)	ENGRAVED TITLE (vol. 1) ^c	V. Simpkin & Marshall	—								1836
(LXIII)	WILLIAM IV (frontispiece vol. 1)	V	—								1836
(LXIV)	ENGRAVED TITLE WITH GREENWICH VIEW (used for vol. 2)	V	Hinchliff after Bartlett								
(LXV)	CANTERBURY CATHEDRAL (frontispiece vol. 2) ^c	V	Lacey after Baynes								1837
(LXVI)	PRINTED TITLE (vol. 1)	V									1837
(LXVII)	PRINTED TITLE (vol. 2)	V									1837

Notes to the Table

- a. Copies examined: Monthly Numbers (MN) British Library, Maps C.27c.5.; (1) BL, Maps 5.b.4.; (2) BL, 10353.c.5.; (3) Guildhall Library, S.914/2 MOU; (4) Cambridge University Library, Atlas 6.83.6-7.
- b. Judicial Circuits: Home (H), Midland (M), Norfolk (N^k), Northern (Nⁿ), Oxford (O), Western (W).

TEXT INFORMATION *continued*

DATE ON COVER	DATE NOTED BY RECIPIENT	NUMBER HEADING	JUDICIAL CIRCUIT ^b	VOL.	PAGES	TEXT COVERAGE	NUMBER OF PAGES
1833	November 1833	London	H	1	81-92	London	12
1833	November 1833	London	H	1	93-96 97 ^c - 104 ^e	London	12
1833	December 1833	London	H	1	105 ^c - 128 ^e	London	24
1834		London	H	1	129 ^d - 144 ^g	London	16
1834		Cambridge	N ^c k	1	185-200 (loose advert.)	Cambridge	16
1834		Northumberland	N ^c n	2	371-386	Northumberland	16
1 March (advert.)		Devonshire	W	1	297-312	Devonshire	16
1834		Devonshire	W	1	313-328	Devonshire	16
June ^d 1834		Devonshire	W	1	329-340 281-284	Devonshire Cornwall	16
August 1834		Cornwall	W	1	285-296 297 ^c - 300 ^c	Cornwall	16
September 1834		Cornwall	W	1	301 ^c - 312 ^e 341-344	Cornwall Dorset	16
October 1834		Westmorland	N ^c n	2	387-388 389-402	Northumberland Westmorland	16
November 1834		Dorsetshire	W	1	345-360	Dorset	16
December 1834		Hampshire	W	1	361-368 369-376	Dorset Hampshire	16
1835		Hampshire	W	1	377-392	Hampshire	16
1835		Hampshire	W	1	393-406 487-488 (i.e. 407-408)	Hampshire Islands in Channel	16
			W	1	409-424	Somerset	16
			W	1	425-440	Somerset	16
			W	1	441-450 451-456	Somerset Wiltshire	16
			W	1	457-472	Wiltshire	16
			W N ^c n	1 2	473-484 403-414	Wiltshire Yorkshire	24 ^d
			N ^c n	2	415-430	Yorkshire	16
			N ^c n	2	431-446	Yorkshire	16
			N ^c n	2	447-462	Yorkshire	16
			N ^c n	2	463-478	Yorkshire	16
			N ^c n	2	479-494	Yorkshire	
				1	iii-xxiv	Preliminaries ^f	38
			--	2	495-582	Index	88

This number and the five following were printed by J. Unwin, who dated each on the back cover.

This exception to the usual sixteen pages is indicated by the printer's signatures.

Not present in all copies of the 1837 edition.

Page xi in the Introduction refers to the 1837 report of the Poor Law Commissioners, but the statistics quoted actually derive from the 1836 report. The reference to the opening of the London and Greenwich Railway on 14 December 1836 (p.xv) is, however, sufficient evidence that the bookform edition could not have been issued before 1837 -- the statements of various earlier cartobibliographers and the 1836 engraved title to volume I notwithstanding.

IMCOS in Manchester

Report by Valerie G. Scott

TRUE TO ITS reputation, Manchester produced pouring rain all day for the International Map Collectors' one-day seminar and annual general meeting held on Saturday, March 23. But map collectors, being the tough characters they are, were not going to let a mere shower of rain dampen their enthusiasm, and more than forty people attended a most enjoyable and informative event.

The venue was the lovely building housing the John Rylands University Library which was founded in 1888 in memory of the multi-millionaire textile manufacturer, John Rylands, who came from Widnes in Lancashire. It was the first building in the area to have electricity and in 1972 became merged with University of Manchester. It has since acquired many different collections.

The success of the day was in no small measure due to the efforts of the organisers, Alan Hulme, a Chester map dealer, Ray Hutchinson, Membership Secretary of IMCOS, and Chris Perkins, the Map Curator at the Library.

After a welcome by Alan Hulme and also Glynis Matheson, Keeper of Manuscripts, who explained the history of the Library, Professor William Brice of Manchester University gave a fascinating talk on the evolution of atlases. He explained that the word 'atlas' is a coinage of the late sixteenth century and was a pun on the title page of Mercator's atlas which showed the strong man, *Atlas*, holding up the world. Professor Brice confessed that Ptolemy was his hero and he described the *Geography* as a 'remarkable achievement'. However, he added that it had remained fossilised for about 1,000 years – long after it should have been updated. It was only with the discovery of the New World



Pictured in the John Rylands Library, Manchester, are the two organisers and the speakers at the IMCOS Seminar. From left to right: Alan Hulme (organiser); Dr. Paul Hindle and Professor William Brice (speakers), and Ray Hutchinson (organiser).

that geographers had begun to realise that Ptolemy might need amending and by the early sixteenth century new maps were drawn incorporating the newly found lands.

The whole history of cartography was based on the mapping of the Orient, Professor Brice told the audience. With the proliferation of printed maps the picture changed completely and it was Mercator and Ortelius who re-introduced the idea of the atlas.

A 'working' lunch was followed by a talk by Dr. Brian Hindle of Salford University taking up the story of the atlas where Professor Brice had left off. He explained that he was an admirer of Bowen and Kitchin who produced county maps in the eighteenth century, and that there are a whole host of different ways of looking at an atlas. He feels it is important to place the maps in the context of what was going on in the world at large during the period they were produced. An exhibition of early atlases had been arranged by the two speakers ranging from the Ulm Ptolemy of 1486 to an SDUK atlas of 1845.

Rodney Shirley, President of IMCOS, thanked the speakers and the Society's annual meeting then followed. It was the first meeting which Malcolm Young, the chairman, had ever missed. As Alan Bartlett, the chairman in Malcolm's absence said, 'an outstanding record.'

It was reported that membership of the Society had increased steadily over the year to 396 in the UK and 211 overseas and they now have a sound financial position. From next year onwards the annual meeting will be held in conjunction with the map fair and symposium in London.

Alan Bartlett, International Secretary, said the Society now has twenty representatives outside the UK including Guatemala, Israel and Japan.

Alan Hulme asked for members of the Society to give more support to members in the north of England. A well earned cup of tea ended the day and everyone left refreshed and ready to face the rain.

'Raleigh and Roanoke', moves to the USA

Report by Dr. Helen Wallis, Map Librarian at the British Library

THE BRITISH LIBRARY exhibition 'Raleigh and Roanoke', which was on display in the Map Gallery in 1984, has transferred to the North Carolina Museum of History, Raleigh, where it will be on show until June 6. It was planned as part of North Carolina's three-year celebrations of the arrival of the English on the Outer Banks in 1584.

About 600 dignitaries, state officials, members of the General Assembly and patrons from the Museum of History Associates attended the opening ceremony on March 6, 1985, at which welcoming speeches were made by the Governor of North Carolina, James G. Martin; Secretary of Cultural Relations, Patric Dorsey; together with Eve Smith, President of the Museum of History Associates, and Ronald E. Geesey, President of

Dr. Helen Wallis is pictured showing the Governor of North Carolina, James G. Martin, and his wife, round the exhibition 'Raleigh and Roanoke' which recently moved to the USA.



Maps of Arabia: 500 Years

AN EXHIBITION DEPICTING the mapping of the Arabian peninsula from the earliest printed maps to the present day, is currently touring Saudi Arabia. Over the next year it will travel to all the major urban centres in the country providing a unique opportunity for the general public to view early cartography.

The opening at the new King Saud University Campus was well attended particularly by the Saudi faculty members and students, plus television, radio and newspaper reporters. 'Maps of Arabia' has been organised under the auspices of the British Council by their representative for the Middle East, Mr. Malcolm Dexter, O.B.E. The maps form part of the private collection of Stuart McMinn of Yanbu Al-Sinaiyah in Saudi. An exhibition catalogue is available in English and Arabic. In the introduction it states that 'this exhibition depicts the mapping of the Arabian peninsula from the earliest printed maps, published over 500 years ago, to the present day. Included are those that show imaginary rivers and lakes and non-existent mountain ranges criss-crossing areas that are now known as desert. Many of them are by such famous map makers as Mercator, Gastaldi and Ortelius. There are maps printed from hand-cut woodblocks over 500 years ago, and showing monsters in the oceans, and a hand-drawn map by the twentieth century explorer, Philby.'

History of Discoveries AGM

Report by Barbara B. McCorkle

THE ANNUAL MEETING of the Society for the History of Discoveries was held from November 1-3 in Arlington, Texas, hosted by the Special Collections division of the University of Texas-Arlington Library. John Volter was Programme Chairman and Charles Colley was in charge of local arrangements.

Registrants and guests were greeted on the opening night with a reception in the spacious lounge of the Special Collections area and had the opportunity to tour the collections and view the several exhibits which had been put on display. A great 1688 three-and-a-half foot diameter Coronelli globe dominated the entrance to the exhibits, and maps in Waves

from the Gulf: Exploring and Taming the Texas Coast documented the cartographic development of Texas. The handsome facilities of the Cartographic History Library and Jenkins Garrett Library were open for tours and consultation.

Two busloads of attendees were transported to the Aggie Pate ranch and transportation museum for a truly Texan barbecue banquet on Friday evening, where they feasted on ribs and chicken and other local specialties, and were entertained after dinner by a lively troupe of young dancers. They also had a chance to see the Pate's collection of vintage automobiles, airplanes, and other vehicles.

A number of the papers presented were of interest to readers of *The Map Collector*: Carol



Urness on Bering and the maps of Johann Baptist Homann; Jonathan Lanman on names on Chinese maps; Elizabeth John on the cartographer Juan Pedro Walker; and Robert Martin on John Hamilton Robinson's maps of the southwestern United States.

This enormous map of Vienna, Austria, which is made up of twenty-four separate engraved sheets measuring 11ft 4ins when mounted together, was acquired recently by the Library of Congress.

It was engraved in 1777 and was prepared by Joseph Daniel von Huber, a former military engineer attached to the Austrian General Quartermaster Staff, from surveys that he made from 1769 to 1774. It is the earliest detailed view of Vienna with each building shown in perspective and numbered to correspond to its census identification number. The first census of the city was made just prior to its preparation.

A particularly interesting feature is that whilst the geographical representation is accurate the military fortifications around the city are distorted because royal permission was only granted to von Huber on the understanding that the fortifications were inaccurate in order to confuse potential enemies.

There are only five copies known of this map which was presented to the Library by Ian Woodner of New York City. Full title is 'Scenographie oder Geometrisch Perspect. Abbildung der Kayl: Königs: Haupt u. Residenz Stadt Wienn in Oesterreich.'



Maps of Jerusalem on Display

This attractive map of Jerusalem by D. R. M. Mathes, published in Amsterdam in 1609, is just one from the collection of Alfred Moldovan which was on display from September, 1984 until March this year

at the Hebrew Union College - Jewish Institute of Religion at Brookdale Center, New York. Over sixty of Dr. Moldovan's maps were on display showing how Jerusalem has been seen by mapmakers of the past. The exhibition also included the 'lost' map of Jerusalem by Antonio de Angelis described by Dr. Moldovan in an article in Issue 24 of *TMC*. A catalogue is available with a foreword by Harry M. Orlinsky, Professor Emeritus of Bible, Hebrew Union College, in which he says, 'if some maps on display at this exhibit show Jerusalem as the center of the world, the geography may not be accurate, but for the Jewish people the fact of Jerusalem's centrality in the world is very real.'

ABA Move to Central London

A SIGNIFICANT MOVE has been made by the Antiquarian Booksellers' Association - from Book House, Wandsworth, to central London. The new address will be 26 Charing Cross Road which should be more accessible for members.

The new centre is on the first floor of a building overlooking Cecil Court which has housed bookshops since the turn of the century and today is monopolised by nineteen antiquarian bookshops run by some of the best known London dealers.

The ABA was founded in 1906 and demands high standards of integrity and knowledge of its 320 members who are based all over the country. The term 'antiquarian book' embraces the rare and valuable from incunabula to modern first editions, out of print books, private press works as well as autograph material, manuscripts, atlases, prints and musical scores. They offer a free advice service on collecting, valuations and buying and selling.

Their telephone number is 01-379 3041.



Maps Discussed on Radio

by Terry Kay

DR. HELEN WALLIS, Map Librarian of the British Library, and H. A. G. 'Bunny' Lewis, co-editor of the *Times Atlas*, comprised the expert panel when maps and mapmaking were featured on the B.B.C. programme *Tuesday Call* broadcast on April 16th.

About twenty detailed questions were put to the panel by listeners telephoning the studio during the hour-long programme, and included, questions on the history of cartography, a general enquiry about the origins of mapmaking from the earliest times, one on the latest research on the Piri Reis map and one on the history of the Ordnance Survey. The panel were also asked about modern developments in cartography such as the application of remotely sensed imagery by satellite and the computer production of maps. The controversial Peters Projection provided the subject for the liveliest of the telephone debates.

STOP PRESS

A reward is being offered by Bruce Marsden of *Cartographia* in Southampton Street, London WC2, for the return of an aluminium trunk containing over fifty maps, 200 engravings and antiquarian books which went missing after the Washington Antiques Show on March 22-24. The show was organised by Bellman Promotions Inc. The missing books include *Gazzatierra Americana* c.1770 containing the Zatta maps and amongst the missing maps are the Scull of Philadelphia c.1770; Ortelius of Cuba c.1580; Mercator's World c.1630; Hondius' Virginia c.1630; Blaeu's Holy Land c.1630 and Mercator's Holy Land c.1630. The engravings were of flowers, fruit and other natural history subjects including works by Besler and Brookshaw. If anyone can provide information please contact Bruce on 01-240 5687-8.



Opening of Hermon Dunlap Smith Exhibition Center

Part of the newly-designed Hermon Dunlap Smith Exhibition Center at the Newberry Library in Chicago. The maps in the background formed a section of the first exhibition held in the new center called 'Gardens of Delight'. It consisted of maps and travel accounts of Illinois and the Great Lakes taken from the collection of Hermon Dunlap Smith, who on his death in 1982 had willed them to the Library. He had been collecting material on the history of the Midwest for about sixty years and the exhibition was able to display most of the outstanding pieces marking the development of Illinois history from the French period to the present time.

Many of the maps were large pieces and had to be displayed in specially-constructed cases. They were of interest to students in the history of cartography but even more, perhaps, to those interested in the fusion of printed and cartographic material. This would have pleased Hermon Smith whose collecting aim was 'the marriage of history and cartography'. The exhibition had a catalogue, *Gardens of Delight*, prepared by Robert Karrow and David Buisseret (see *Publications Received*. Ed.).

Forthcoming Events

June 4-7, 1985

Annual Conference of Association of Canadian Map Libraries at University of Manitoba, Winnipeg, Canada.

June 22, 1985
9.15am

IMCOS symposium at National Maritime Museum, Greenwich. Meet at Charing Cross Pier, London, at 9.15 am for boat trip to Greenwich.

June 20-Aug 20, 1985

Raleigh and Roanoke Exhibition at New York Public Library where it will feature as the core of 'New World Voyages and Discoveries in the age of Elizabeth I'.

June 22, 1985
8pm

IMCOS annual dinner at Royal Overseas League, St James St., London SW1. Also presentation of awards.

June 23, 1985
11am

Map Fair (one-day) and exhibition of portolan charts at the Forum Hotel, Cromwell Road, London SW6.

June 25, 26 and 27, 1985
July 8-12, 1985

Antiquarian Book Fair at Park Lane Hotel, London.

Eleventh International Conference on the History of Cartography at Public Archives of Canada, Ottawa, Canada. IMCOS symposium in Helsinki, Finland, in conjunction with Chartarum Amici.

September 26-30, 1985

Society for the History of Discoveries annual meeting in Washington, DC. In conjunction with the Smithsonian Institution's Symposium on Charles Wilkes.

November 14-16, 1985

PROFILE

A Man of Many Talents

by Valerie G. Scott



Bruce Marsden pictured in his London gallery. (Photo by Timothy Scott)

SPENDING A COUPLE of hours with Bruce Marsden is rather like sitting opposite a time bomb which may go off at any minute - to America or Europe; to the swimming baths; to his architectural business; to his map business; to continue his studies for a PhD in Science; to practice the art of calligraphy; to listen to classical music or to visit his four children. His amazing energy enables him to pack into a day more activities than most people manage in a week.

The majority of us would be satisfied with one career as well but not Bruce. He manages to combine being an architect with being sole director of a successful map and print gallery called *Cartographia* with premises in Southampton Street, near Covent Garden 42

in the West End of London. The gallery was previously owned by Stanley Gibbons International, was subsequently taken over by Letraset, and was called *Mapsellers*. Bruce joined as manager in 1980 just before the takeover and he made an offer for the business which was finally accepted in December 1982.

Surprisingly perhaps, he is not a personal map collector. 'This is my collection,' he explained, pointing to the stock in his gallery, 'but it is a transient collection and if I sell a beautiful Visscher world map today I shan't regret it because tomorrow I shall replace it with something equally attractive.' The only item he has which he will not sell is a manuscript map of Harrow Borough dated 1862 on eight sheets and measuring about 20 feet square when put together. It comes in three volumes and he is particularly fond of it after living in Harrow for the past twenty years.

Bruce was born in a mining village near Newcastle on Tyne in 1939; his father was later to become Principal of the Vote Office at the House of Commons which brought the family to London. After being educated at Quintin School, he studied architecture at the London Polytechnic and was awarded the outstanding student prize for his thesis which was also

published in several newspapers. After qualifying he won the RIBA scholarship to study in Paris. For eight years after this he was employed as an architect but then left to set up his own business.

Asked how he got into the map business, Bruce remarked that he had always been interested in geography and the history of architecture which is concerned with town plans, design and development of individual buildings and towns. In his own words, 'a natural connection.' But he must be the only person who decided maps were a better investment than a pension! 'The firm I was working for at the time offered me a pension but I thought that if I bought some maps this would be my pension fund. There were very few dealers around then so I bought good quality material and gradually moved into the buying and selling,' Bruce explained. Then, in 1976, he left salaried employment and began to run his own architectural business, alongside the maps, from his home until joining *Mapsellers* as a manager of the Map Department in 1980.

In the last two years he has built up his own company joining with Yole Ross, the Italian dealer in Boston, Massachusetts, who specialises in decorative prints and engravings.



Bruce provides the map expertise and now spends several months every year in the USA. Last year he was also joined in the business by his brother, Peter, who is particularly interested in county maps of the British Isles. A rather fascinating sideline is Bruce's collection of Victorian Valentine cards which he was displaying in the gallery window when I visited him. He has the philosophy that the customer who buys a Valentine card for £5 is equally as important as the customer who spends thousands.

He has been a Fellow of the Royal Geographical Society since 1982, was a founder member of the International Map Collectors' Society, and was recently elected a member of the Antiquarian Booksellers Association.

He is a champion swimmer and is rated in the national top ten for butterfly and back stroke for his age group. He swims nearly every day at the YMCA pool near the gallery and is also very

fond of classical and modern music which he plays frequently for the benefit of his customers! For the past four years he has been divorced and has four children whom he likes to see as often as possible although three of them live with their mother in Lincolnshire. They are Dominic, aged 22, who is married, Eliot 12, Holly 10, and Saffron 8.

Despite being qualified as an ARIBA he is currently studying for a PhD in the scientific aspects of architectural design at University College, London. The only cloud on his horizon is that the development of Covent Garden into a fashionable shopping area has meant increased rents for the long-established shops in the area. His present premises are obviously in a very good position from many standpoints – they are in a thriving tourist area and in an established position. Let us hope he will be able to remain there and continue to promote and sell his maps in the same efficient way as ever.

Around and About

Seymour H. Amkraut of Rye Brook, New York, has been elected President of the New York Map Society.

On March 13, the Washington, New York and Philadelphia map societies had a joint meeting at the National Geographic Society in Washington, D.C. About eighty people participated in a tour of the cartographic facilities in the Society's new building which was dedicated fifteen months ago. Dr. John Garver, Chief of the Society's Cartographic Department and the heads of the Map Supplement, Page Maps and Computer Mapping Sections explained the operations of their several units.

The International Map Collectors' Society are to have an overseas symposium in Helsinki from September 26-30. It will be held in conjunction with Chartarum Amici, a society of collectors in Helsinki. This will give map collectors an opportunity to view items from the Nordenskiöld collection which is not normally open to the public. There will also be visits to the State Archives and the National Board of Survey map collections and an outing to the ancient town of Porvoo and its library. Details from: Alan Bartlett, St Raphael, 2b Fontmell Park, Ashford, Middlesex TW15 2NW.

The book *British County Maps. Reference and Price Guide* by Yasha Beresiner, a London dealer in coins, early bank notes, antique maps and prints, and playing cards, was highly commended in the yearly awards of the Library Association. This book was published by the Antique Collectors' Club. Yasha Beresiner was born in Turkey and has been a keen collector since childhood. He is also author of *The Paper Tiger. The Story of Paper Money and Collector's Guide to Paper Money*.

'The Forgotten History' is an educational documentary film about British maps and their makers which is being made at the moment. It is planned to cover map making from Roman times to the Industrial Revolution and will include the practical aspects of early survey techniques and printing processes. Locations will include the library at Longleat House (by kind permission of the Marquess of Bath) and there will be a practical demonstration of copper plate map engraving and printing on an old press. The film is planned to last thirty minutes.

Two exhibitions of maps have been held recently in Finland. The Postal Bank organised an exhibition of town plans and 'The Senate Maps' in Helsinki, and a shipping company, John Nurminen Oy celebrated the opening of a new building and office with a display from the collection of maps owned by the Nurminen family. Sadly, parts of this collection, particularly some sea charts, were destroyed some years ago in a fire. Despite this, the exhibition included maps by Ptolemy, Mercator, Ortelius and Münster and other representative maps up to the eighteenth century. A third exhibition entitled 'Mapping of the Nordic Calot' opened in Helsinki on May 8 sponsored by Scandinavia Airlines.

Would all dealers in maps and atlases please return their form for a free entry in our *Directory of Dealers* which we hope to publish, in conjunction with IMCOS, at the end of this year. Spare forms are provided with this issue for those who have mislaid the earlier one. Bookings for advertising in the directory are still open but please let us know whether you will require a full or half page.

While Dr. Helen Wallis, Map Librarian at the British Library, was in America recently for the opening of her exhibition 'Raleigh and Roanoke', she was called to Davidson College, Davidson, North Carolina, for a special convocation to award her an Honorary Degree of Letters for her distinguished work in the history of cartography and for map librarianship. She has had a long association with the college and in particular with Professor and Mrs W. P. Cumming, whose work on the cartography of North America will be well known to readers of *The Map Collector*. During the course of the ceremony, she gave an address entitled 'The Significance of Cartography as a Human Endeavour'. Dr. Wallis talked about evaluating the art and science of mapmaking, showing how its origins can be documented from 2000 BC and how it developed to the nineteenth century when thematic mapping sprang up and the word 'cartography' was coined.

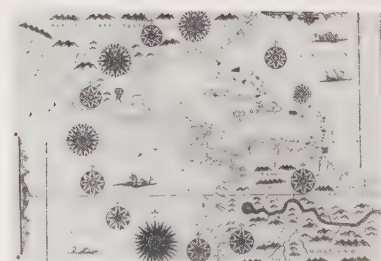
Map and print dealer, Paul Orsich, who has lived and worked in Minorca for the past fifteen years, has now moved to Windsor, England. He had been a professional photographer before 'falling in love' with Minorca and deciding to settle there. He started by collecting maps of the Balearic Islands and then, encouraged by the tremendous local interest in Minorca, he decided to become a dealer. He has moved back to England for family reasons and deals from his home, Poplars Farm, Winkfield, Windsor (Tel: 0344 88 42 69) by appointment only. Paul is currently compiling a bibliography of maps of the Balearics and would be interested to hear from readers who can provide him with any information. His dealing specialities are rare books, maps and prints, particularly of Spanish-speaking countries.

Dr. Douglas Marshall, who recently set up as a dealer, and was formerly in charge of the maps at the William L. Clements Library, Michigan University, Ann Arbor, USA, was married on May 25 to Heidi Amenda. They plan to work together on their new business which specialises in maps, charts, prints and views of North America and the Western Hemisphere. We wish them happiness.

Americana on Sale at Sotheby's

ON THE last day of 'a Week of Americana', 2 February 1985, Sotheby's in New York held what they described as 'one of the finest sales of books relating to travel and natural history to take place in New York for some years'. Not surprisingly, the American items sold well: John Mitchell's 1755 'Map of the British and French Dominions in North America' bound with Thomas Jefferys' 'Most Inhabited Part of New England' (1755) reached \$12,100 (including 10% premium) and had been estimated at \$8,000-10,000; Henry Popple's 'British Empire in America' (1733) made \$8,800 (estimate

\$5,000-7,000); while John Senex's 'Virginia, Maryland [etc.]' (1719) with three other American maps reached \$1,650 – twice its estimate. There was a striking contrast between the Americana and other cartographic material, much of which made prices below their estimates. One unique item was a portolan atlas of the world and *Isolario* of the Mediterranean (c. 1615) by Joannes Oliva containing sixteen charts finely coloured, heightened with silver and gold and described as 'in magnificent condition'. Estimated at \$150,000-200,000, it reached only \$132,000.



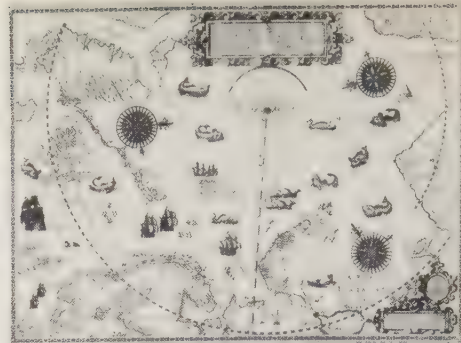
Joannes Oliva's portolan atlas of c. 1615 containing nine charts covering the world and seven maps of Mediterranean islands was sold at Sotheby's New York on 2 February 1985 (lot 67).



Arctic Adventures

One of the maps on display in an exhibition entitled *Arctic Adventures: Early Conceptions and Contemporary Corrections by the Great Explorers and Mapmakers from 1561* at McMaster University Art Gallery in Hamilton, Ontario, Canada. The exhibits are from the collection of the Map Room, Exploration House, Birch Avenue, Toronto; a private collection in Toronto and the permanent art collection of McMaster University.

The opening reception and talk were given by Neil Sneyd of Exploration House on Sunday, March 24.



America Emergent

ON MARCH 1 Yale's Beinecke Rare Book and Manuscript Library opened an exhibit of ninety maps and atlases selected from the 500-year cartographic record of North America. The display, called 'America Emergent', will be on view until May 29.

Drawn from Yale's Map Collection and the collections of the Beinecke Library, the exhibition was organized by Barbara B. McCorkle, Curator of Maps, in honour of Alexander Orr Victor (1913-81). Mr. Victor, who was personally responsible for the prodigious growth of Yale's Map Collection during his thirty-five years as its curator, was a scholar, bibliographer, collector, and benefactor who made Yale one of the leading repositories of historical Americana.

An initial sequence of large maps traces the emergence of the American landmass from its first sketchy representation in the fifteenth century through the early nineteenth century, when maps had assumed their now familiar form. Premier examples of Spanish, Dutch, Italian, French, and English mapmaking are featured here, including Yale's controversial Vinland map, an atlas assembled by George Washington, and John Mitchell's epoch-making 'A Map of the British Colonies in North America' of 1775, which was used to establish an United States/Canadian border after the American Revolution. The lure of gold, the abortive search for a navigable Northwest

Passage, and the conflicting territorial claims of European nations all contributed to the growing accuracy of the cartographic representation of North America during these early years.

Regional maps document in detail the discoveries of European explorers in America: Cartier and Champlain in Canada and the Great Lakes region; John Smith in New England and Virginia; Juliet, Marquette, and LaSalle in the Mississippi Valley; and Captain Cook in the Northwest. The explorations of Lewis and Clark along the Missouri River and in the American West are illustrated by manuscript field maps written by the two captains in 1805 and 1806. An original engraving of the Mason-Dixon line from 1768 records one of the historic boundary disputes, and also shown are maps from the California Gold Rush and the lesser-known Pennsylvania Oil Rush a decade later. Maps to record settlement range from a rough 1766 manuscript map of irregular lots along the New York/Vermont border to sophisticated printed maps of the Midwest, showing the progress of the Rectangular Survey across the United States. Sea charts, educational aids, folk maps, and state atlases are other types of special purpose cartography on display.

The Beinecke Library is open to visitors weekdays between 8.30am and 5pm on Saturday from 10am until 5pm.

Spring Sale at Sotheby's

Report by Tessa Campbell

ONCE AGAIN, SOTHEBY'S London Auction Rooms were offering some rare and interesting items in their large spring sale on 2-3 May.

A map of Warwickshire and Leicestershire by Christopher Saxton added a footnote to the history of English cartography: it bears a contemporary manuscript annotation explaining that 'Iohannes Colcellus' bought the map in 1579 from John Wight, and so proves that single Saxton maps were on sale from the beginning of their publishing history.

Unfortunately this unique lot, estimated at £1,000-1,500, was eventually bought in at £950.

Two other unusual maps were 'Carte topographique de la Frontière Turco-Persane' (1853-70?), which includes the wild areas now occupied by the Kurds and torn by the present Iraq-Iran conflict. It was sold for £660, including 10% premium (estimate £300-400). A wall-map of Africa also reached a good price - £2,211 (estimate £1000-1500). Janvier and Longchamps' 'L'Afrique' (1754) included its elaborate border with nineteen vignettes, which made it a particularly rare item.

About forty manuscripts were sold. The earliest two were a portolan chart by Baldasare Maggiolo (1592), which was withdrawn, and Antonio Millo's *Isulario et Portolano* (1582) which made £13,000 (estimate £8,000-10,000). Most of the other manuscripts were eighteenth century French and Spanish. The French maps were mainly of European areas whereas the Spanish related to military and trading ambitions in America. High prices were achieved by "the most important eighteenth century chart of the whole California coast" (as the catalogue puts it) by Miguel Costanso (1770) - £46,000 (estimate £20,000-30,000) - and Antonio Velez y Escalante's map of the Spanish Southwest (1777) - £23,100 (estimate £15,000-18,000).

Two items added to stories already told in earlier issues of *The Map Collector*. Among a collection of maps of Palestine and Jerusalem was Humphrey Cole's Holy Land (1572) which had featured in issue 25, p.37 in Alan Hulme's article on "A Rare Find". A copy of this first known map engraved and signed by an Englishman fetched £1,200 - as estimated - but the unusual first volume of Willem Blaeu's *Novus Atlas* (1635) containing several proof states of maps and the masked 'West-Indische Paskaart' discussed in issue 30, pp.36-8, went way above its estimated £15,000-18,000 and reached £33,000.

Other interesting atlases - including the rare Saxton-Lea-Willdey *The Shires of England and Wales*, c.1730, and a Turkish atlas, c.1800, will be listed in our *Collectors' Barometer* in the September issue.

Holy Land Maps in Auction

Christie's, the auctioneers in South Kensington, London, are holding an important sale of Maps of the Holy Land on July 19. The maps range in date from the sixteenth to the nineteenth century and include examples by Jansson, Visscher and De Wit.



Paul and Mona Nicholas of Waterloo Fine Arts Ltd. are pictured in their new map and print gallery at 40 Bloomsbury Way, London WC1. Previously they have dealt from home in Reading and are regulars at the Bonnington Hotel Map Fair

Nebenzahl Lectures on Monarchs, Ministers and Maps

THE EIGHTH ANNUAL Kenneth Nebenzahl Jr. Lecture Series in the History of Cartography will have the theme 'Monarchs, Ministers, and Maps: The Emergence of Cartography as a Tool of Government in the Early Modern Europe'.

Speakers will include Professor John Hale of University College, London, speaking on 'Princes and Republics of Italy', David Buisseret of the Newberry Library on 'The Kings of Sixteenth and Seventeenth Century France'; Professor Michael Mikos of the University of Wisconsin, Milwaukee, on (Monarchs and Magnatas: Maps of Poland in the Sixteenth and Eighteenth Centuries', and Peter Barber of The British Library on 'The Monarchs of Sixteenth Century England'.

The lectures will be from November 7 to November 9 at the Newberry Library, Chicago, Illinois.

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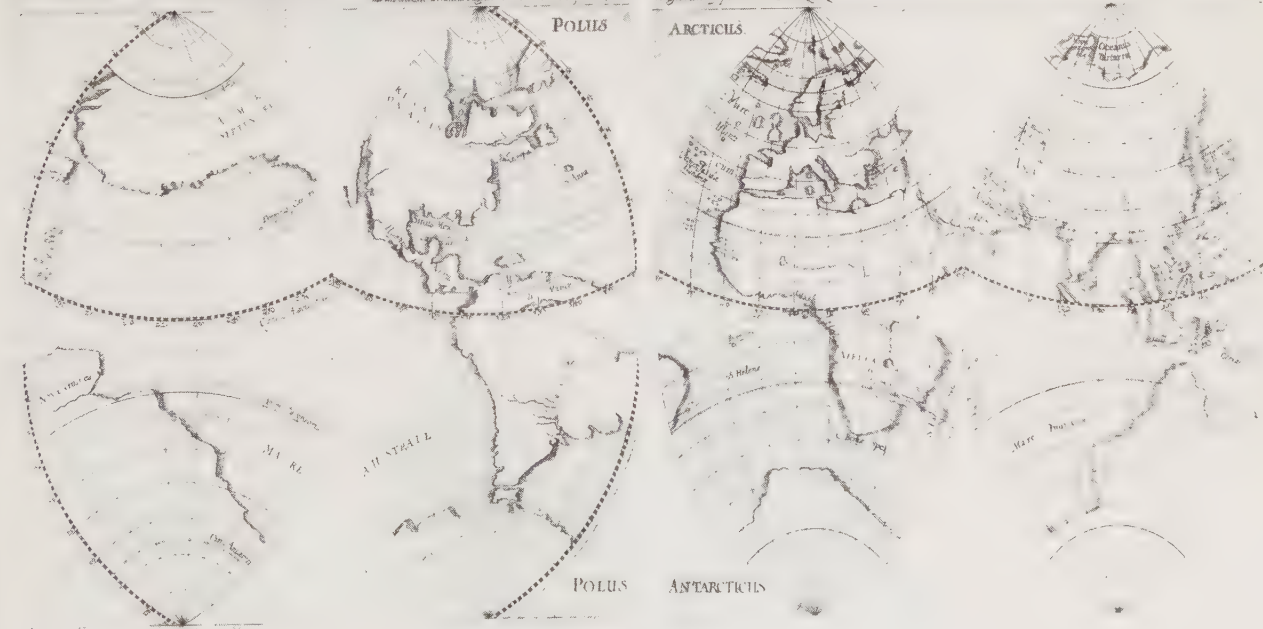
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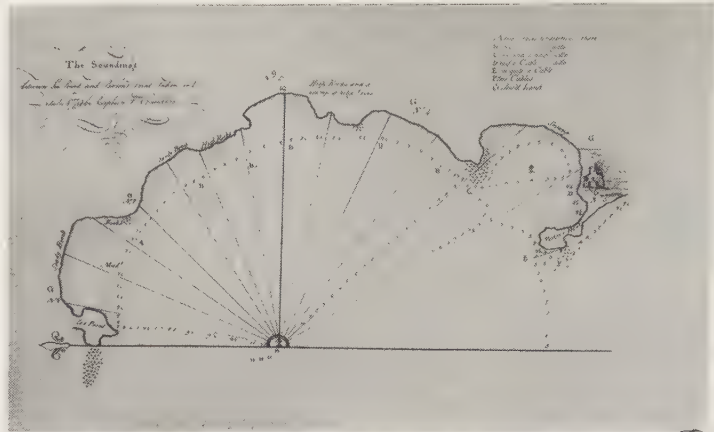
*World map in four gores,
Daniel Angelocrator,
Frankfurt, 1628*

Important 18th Century New World Admiralty Charts

ATLAS of Lake Champlain 1779-1780

by
Capt. W^m Chambers, R. N.

With an Introductory Essay by
J. Kevin Graffagnino



The Soundings—one of over 30 detailed color charts and sailing directions compiled by Capt. Chambers, a young Royal Navy officer who played a prominent role as commander of the British fleet on Lake Champlain during this central chapter of the American Revolution.

Never before published, the **Chambers Atlas** exists only in two original manuscript copies and several sets of tracings made during the War of 1812. This full-color facsimile is a faithful reproduction of the original manuscript version owned by the Vermont Historical Society.

The Deluxe Edition is limited to 250 numbered sets; contains 31-color plates, custom slipcase and matching portfolio map case with facsimiles of five important and rare early maps. **\$200.00** plus export shpg. chg. Also available in regular hardcover edition. Write for prospectus.

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BOOK REVIEWS



ATLAS OF LAKE CHAMPLAIN 1779-1780 by Capt. William Chambers, R. N. with an Introductory Essay by J. Kevin Graffagnino. Bennington and Montpelier, Vermont: Vermont Heritage Press Inc. and Vermont Historical Society (Available from Vermont Heritage Press Inc, 169 North Street, Bennington, VT 05201, USA) 1984. xxxi + 70 pp. 32 charts (31 in paperback edition). 400 × 310 mm. Limited, hardbound and paperback editions. Hardbound US \$49.50. ISBN 0-911 853-03-0.

During the past approximately twenty-five years there has been a proliferation of books on aspects of the history of the cartography of North American regions. Yet, in spite of its long history, major cultural institutions, prestigious university presses and long tradition of scholarship, New England has not, until very recently at least, been a focus for such works. Peter Benes' *New England Prospect: A Loan Exhibition of Maps at the Currier Gallery of Art* (Boston, 1981) made available in facsimile form parts or the whole of approximately ninety manuscript and rare printed maps. Essentially a catalogue, it should stimulate further research on the historical cartography of the region but physically and aesthetically it does not – indeed, was never intended to – compare with some of the recently published histories of cartography emanating from other regions of North America. Kevin Graffagnino's *The Shaping of Vermont* (Rutland, VT, 1983, reviewed in *The Map Collector*, no 27, June 1984) set higher standards of reproduction and book production and the same press, in collaboration with the same author, has done so again with *Atlas of Lake Champlain 1779-1780*. The latter compares well with the best from other regions and is a major contribution to one facet of the history of the mapping of New England.

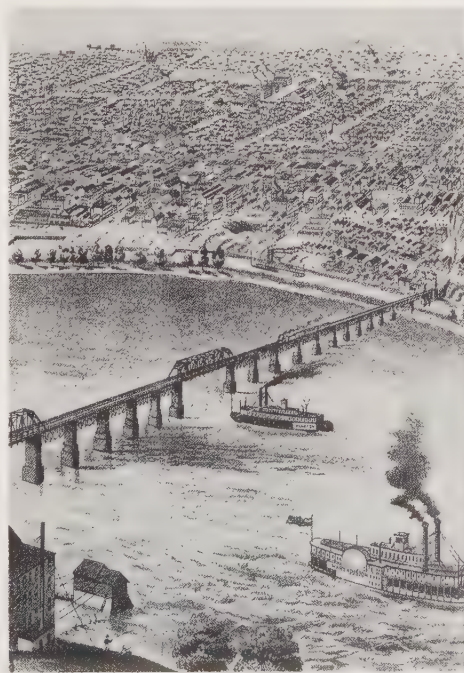
In the autumn of 1777 William Chambers effectively assumed command of the British fleet on the 100-mile-long Lake Champlain; an appointment which he held until the end of the Revolutionary War in 1783. The lake occupied a strategic position and fully aware of this, Chambers was concerned that his relatively large ships frequently ran the risk of going aground. Repeated failure on the part of the military authorities to supply him with adequate sailing charts led him to undertake his own hydrographic survey of the lake during the summers of 1779 and 1780. This was the basis of a manuscript hydrographic atlas prepared by Gustavus Augustus McGusty; an obscure artist, who may have been a military draftsman and certainly followed the official cartographic conventions of the time. Of the two virtually identical original versions one was purchased by the Vermont Historical Society in 1928. Containing thirty-one charts, each with sailing instructions, it is reproduced in full, together with an introductory essay and, except in the

paperback edition, a large folded facsimile of a complete plan of Lake Champlain based on Chambers' surveys, the original of which is in the collection of the Hydrographer of the Navy, Taunton, England. The large scale charts (one-inch-to-one-mile or larger) are exquisitely drawn, delicately coloured and show coastlines, coastal conditions, toponymy, soundings, shallows and bearings. The sailing instructions are precise, stress hazards and contain occasional suggestions for naval strategy. One position was recommended as good for stationing 'a Vessel to block up that Passage into East Bay was there any occasion'. The introductory essay is eminently readable and profusely illustrated. It deals systematically with William Chambers, the significance of Lake Champlain in Revolutionary War strategy, British coastal and hydrographic surveying in North America in the late eighteenth century and the probable line of descent of the atlas from Chambers in the early nineteenth century to the Vermont Historical Society in 1928. Bibliographic standards are good and the citations are impeccable but the reader is left to make his own integration of the profuse illustrations with the text of the essay.

The facsimile atlas is beautifully produced and a pleasure to handle. Published, composed and printed in Vermont, on papers made in neighbouring Massachusetts and New York, it is a tribute to the vision and technical skills of people within the region. It was a bold decision to publish simultaneously limited, hardbound and paperback editions. The latter deserves to sell well to vacationers, especially those who sail on the lake and are interested in observing more than two hundred years of change. The limited edition will doubtless grace the shelves of collectors whilst the hardbound edition should be in those libraries whose holdings embrace New England, Lower Canada, the Revolutionary War, the history of cartography or hydrological, coastal and military surveying.

G. Malcolm Lewis
(University of Sheffield)

VIEWS AND VIEWMAKERS OF URBAN AMERICA: LITHOGRAPHS OF TOWNS AND CITIES IN THE UNITED STATES AND CANADA, NOTES ON THE ARTISTS



One of the illustrations from John Reps new book of *American Views*. It shows Louisville, Kentucky, in 1876.

BOOKS



AND PUBLISHERS, AND A UNION CATALOG OF THEIR WORKS, by John W. Reps. Published by University of Missouri Press, Columbia, 1984. 570 pp. 103 plates (13 in colour). ISBN 0-8262-0416-3. 310 × 233 mm. \$89.50

One of the distinctive graphic expressions of nineteenth century America was the panoramic map, or bird's-eye view, of towns and cities. John Reps has identified and described, in this volume, 4,480 such views of some 2,400 towns and cities, published from 1825 to 1925. Data for each entry include the name of the town or city, date of publication, title, size, name of the artist, lithographer, and/or printer, key/vignettes, repositories where copies are preserved, and other checklists or catalogues in which the view is listed. Complementing the catalogue data are thirteen colour and ninety black and white reproductions of representative urban views. In this comprehensive union catalogue, John Reps has made available to architectural historians, urban planners, archivists, librarians, and researchers with various interests, this large resource reservoir.

He is professor of city and regional planning at Cornell University, Ithaca, New York, and the distinguished author of some ten or more monographic publications, and numerous journal articles, on American urban development and history. Professor Reps has supplemented his catalogue with ten informative essays under the general heading, *The Making and Selling of Urban Views*, as well as biographical sketches of fifty-one of the artists who prepared the views. The comprehensive scope of the ten essays is apparent from their titles: *Urban Viewmaking: Artists and Publishers of the American Scene*; *Drawing the Views: the Artist and his Subject*; *Printing the Views: Lithography and its Development*; *Changing Technology: Improvements in Lithographic Printing*; *The Business of Viewmaking: Sales, Promotion, and Advertising*; *The Business of Viewmaking: Time, Costs, Prices, and Volume*; *The Business of Viewmaking: Miscellaneous Revenues and Profits*; *Critics and Consumers: Public Reaction and Private Response*; *Lithographic City Views: Reliable Records of the Urban Past*; and *Lithographic Images and Urban Analysis: Using Views to Study Cities*. Intended primarily to stimulate interest in potential researchers, the essays nonetheless comprise an excellent summary of the growth and development of graphic reproduction techniques and marketing and distribution methods in nineteenth century America.

The items cataloged in this volume portray towns and cities as viewed, in perspective, from high or low elevations. In addition to street patterns, they show, therefore, details of individual buildings, transportation systems, and generalized relief of the environs. Because they share features of both views and maps, they are variously preserved in map, print, historical, or special collections in archives,

libraries, and historical societies.

Urban views have, during the past several decades, attracted the interest of collectors, with a resulting escalation of prices. Thus, views that were originally priced at from one dollar to ten dollars are now offered, by antiquarian dealers, at prices ranging from several hundred dollars upward into the thousands of dollars. Because the views were published, for the most part, on impermanent paper, and in editions of only several hundred copies, prices may be expected to increase.

Notwithstanding its high price, *Views and Viewmakers of Urban America* is an essential reference book for anyone interested in the history of American maps, views, and prints, and the men and techniques that produced them.

Walter W. Ristow, McLean, Virginia

THREE FACSIMILE MAPS: 'The County Palatine of Lancaster.' *Surveyed by Willelm Yates. Engraved by Thos Billing*, 1786. 'Bancks & Cos. Plan of Manchester & Salford with their Environs . . . from an actual survey by Richard Thornton', 1832. 'A Plan of Manchester and Salford Drawn from an Actual Survey by William Green, begun in the year 1787 and completed in 1794'. *Engraved by J. Thornton*. (Available from Neil Richardson, 375 Chorley Road, Swinton, Greater Manchester M27 2AY.) Prices: Yates' map £3.50; Bancks' plan £3.75 and Green's plan £3.50.

Neil Richardson, who has made available these excellent facsimiles, is a publisher of local history works on topics associated with Greater Manchester. His venture into facsimile map publishing is deserving of considerable success for each set is reproduced to a high standard and is on sale at a remarkably low price.

Yates' map occupies a most important place in the history of Lancashire mapping for it was the first accurate, detailed, map of the country. It was issued at the one-inch-to-a-mile scale and was awarded the gold medal of the Society of Arts. It is particularly important as an historical document because of its information on industrial sites, canals and the road network. In 1968 the Historic Society of Lancashire and Cheshire issued a reduced facsimile of the map in book form which had the benefit of an informative introduction by Dr. J. B. Harley. The reproduction of the map itself, however, lacked definition and is not always easy to read. Anyone who has purchased this publication might do well to supplement it with Mr. Richardson's new facsimile which is very much better reproduced at a larger scale on good quality paper. It is printed on fifteen sheets as against the eight of the original and the new format is easy to read and to handle.

Yates was assisted in his Lancashire survey by the Lakeland artist, William Green, whose meticulously surveyed and beautifully engraved plan of Manchester and Salford has now been published in facsimile. The survey was carried out at a very large scale – 60 yards to an inch or about 29 inches to one mile – and it provides the local historian with a most informative document about the urban and industrial development of the two towns at the close of the eighteenth century. The facsimile includes an introduction to William Green's work which has been taken from a study by Charles Roeder which was originally published with the 1902 edition of the map.

Bancks & Company's later plan of Manchester and Salford, published in 1832, illustrates the remarkable growth which has taken place in the thirty-eight years since Green's plan was surveyed. Finely engraved by J. & C. Walker the plan shows the two towns at the beginning of the

railway age. The nature of each industrial site is indicated, buildings are hatched and gardens are filled in with different textures. The plan is surrounded by a broad decorative border. The facsimile is slightly reduced in size from that of the original.

All three facsimiles can be highly recommended, not only to local historians but also to students of cartography and collectors of early maps as they are each excellent reproductions of rare maps which are representative of their period.

Alan Hodgkiss (University of Liverpool)

OLD GLOBES IN THE NETHERLANDS.

By Peter van der Krogt. Translated from the Dutch manuscript by Willie ten Haken. HES Publishers B.V.: Utrecht, 1984. pp.290 (incl. ill. of which 8 are in col.). 24.5 x 18 cm. ISBN 90 6194 234 9. Hfl. 75. (Available from The Map Collector – UK £21.87, rest of the world £22.36).

Terrestrial globes have one great advantage over world maps: distance and direction remain true. This made them ideal navigational aids, particularly when used in conjunction with a celestial globe to serve as astronomical *aide-mémoire*. By amending his largest globe more extensively than his *Grand Atlas*, J. Blaeu indicated his opinion of their relative scientific worth. Yet those seeking to acquire globes today must generally look for them out of their cartographic context in instrument sales at auction or in antique shops where, as often as not, they are treated as furniture.

Running counter to this trend and emphasizing instead the historical importance of early globes, have been continuing efforts to produce inventories of national, regional or institutional collections. Most have appeared in *Der Globusfreund*, and *Old Globes in the Netherlands* is itself a fleshed out version of a summary listing already published in that journal. Its author, Peter van der Krogt, was a pupil of Professor Günter Schilder and this catalogue continues the valuable work done by Schilder and his predecessor Cor Koeman in documenting cartographic material in Dutch archives.

Given that it is far more hazardous transporting fragile globes than sturdy atlases, it might be supposed that a catalogue of globes in the Netherlands would comprise largely Dutch productions. In fact, the book's contents leaf (unhelpfully hidden away on page 34) shows Dutch globemakers to be in a clear minority among the individuals and families

considered. Sections on Coronelli, Cary, Doppelmayr, de Mongenet, for example, are interspersed among the expected passages on Blaeu, Hondius and van den Keere.

The book's arrangement is admirably methodical. Each author section is preceded by a passage summarizing his life and globemaking activities. Then follow descriptions of the individual globes, broken down into eight types of information: location of the example in question; its unique engraved number (an aspect too often neglected); inscriptions; cartography; construction; origin (i.e. provenance); condition; and literature. The sections on cartographic content, though brief, are probably the author's most valuable contribution. A number of globes which have not survived in sheet form as gores can now be incorporated into a general history of mapmaking. The difficulties of photographing their curved surfaces, and hence providing adequate reproductions, has led to their undeserved neglect as maps in the past.

The more significant inscriptions are given in full and provided with English translations that differ somewhat from those in E.L. Stevenson's pioneering study (*Terrestrial and celestial globes*, 1921). Whereas it is helpful to have fairly literal translations of these passages, the book's narrative, itself translated from Dutch, is sometimes stilted. In discussing the subsequent history of Blaeu's globe workshop, for example, we are told that 'the globe makery first fell to Johannes de Ram' (p.24).

Possibly with an eye to a second, repaginated edition, the chronological index refers to the globe number instead of making more convenient reference to the page, but the adjacent 'Glossary' offers useful explanations of technical terms encountered in globemaking. Especially valuable is the list of constellations with the date of their discovery or first recorded mention. The book's black and white illustrations are well chosen to inform as well as delight the eye, and the eight colour plates are of high quality.

The introductory 'Synopsis of the history of globes' supplies a useful, if somewhat breathless overview from antiquity to the present day. But its predominant concern with Dutch globemaking sits uneasily with the far wider scope of the catalogue itself. It also emphasizes the continuing need for an up-to-date and truly global account of historical globemaking. The format of a work like *Old Globes in the Netherlands* does not invite generalization nor does it readily allow answers to a number of valid questions. What was the relationship, if any, between the globe factories

Cartographical Curiosities 24

This large and unusual silver medal recently came to light in Australia. It was struck to commemorate a type of sister city relationship which existed in 1875-76 between Melbourne and

Philadelphia. Melbourne held a big exhibition in 1875 with the winning exhibits being shipped to the Philadelphia Exhibition which opened in May 1876.

The medal was designed by O. R. Campbell, engraved by J. Hogarth and struck by Stokes and Martin of Melbourne. The high relief design has Captain Cook holding the sextant and Christopher Columbus with an astrolabe, standing each side of a globe which shows almost the entire Pacific Ocean. A fine line is engraved between Australia and the United States. (Kindly submitted by David Worland, an editorial adviser to *TMC* in Australia).



n different countries and how did information pass from one to another; were the commercial pressures on a publisher to update his wares stronger where globes rather than maps were concerned (is the Blaeu instance already cited typical), and, given that a number of globes are only known from ghostly mention in early writings, is it possible to relate the likely survival rates of globes, wall-maps and atlases? Analytical questions of this nature are doubtless tricky, but the history of cartography must surely address them if it wishes to make significant advances.

Tony Campbell, British Library, Map Library

Five globes from the collection of the Rijksmuseum 'Nederlands Scheepvaart Museum' in Amsterdam. One of the illustrations in *Old Globes of the Netherlands* by Peter van der Krogt.



Catalogues Received

ANTIQUE MAPS AND PRINTS. 30 St Mary's Street, Stamford, Lincolnshire PE9 2DL, England. Tel: (0780) 52330. List of maps and prints code-named *Camellia*. 44pp. Mainly views and maps of Britain, including schools and colleges, with some foreign items.

E. J. BRILL Ltd, P.O. Box 9000, 2300 PA Leiden, The Netherlands. Tel: 071 146646. *Catalogue 544 Plano*. 15pp., 362 entries, 31 ills. Entries 151-362 are maps of all parts of the world with some topographical prints and atlases.

DAWSON'S Book Shop, 535 North Larchmont Boulevard, Los Angeles, California 90004, USA. Tel: (213) 469 2186. *Catalogue 478 1985 History of Cartography A Portion of the Stock of Roy V. Boswell*. 53pp., 646 entries, 10 ills. Books and facsimiles from the late 19th century on.

ROBERT DOUWMA PRINTS & MAPS Ltd, 4 Henrietta Street, London WC2E 8QU, England. Tel: (01) 836 0771. *New in stock list 12 April 1985*. Folding brochure, 274 entries, 15 ills. Mainly theatrical prints, but has 1 section on Speed's British maps and 1 on Shepherd's London.

MRS D. M. GREEN Antique Maps, 7 Tower Grove, Weybridge, Surrey KT13 9LX, England. Tel: (0932) 241105. *Map List No. 6 East Anglia and Thames Valley*, 12pp.

— *Map List No. 7 East Midlands*, 4pp.

HELEN R. KAHN Antiquarian Books, P.O. Box 323, Victoria Stn., Montreal, Quebec, Canada H3Z 2V8. Tel: (514) 844 5344. *The World Encompassed A Selection of Early Travels and Politics Catalogue 19 Spring 1985*. 26pp., 145 entries with notes, 3 ills. Includes maps and atlases. There is a 4pp. insert 1985A *Canadiana & Americana* listing 52 books and pamphlets.

CAPT. K. S. KAPP, Box 64 Osprey, Florida 33559, USA. *The Americas Maps & Prints Catalogue XXII*. 41pp., 981 entries, 96 ills.

KENNETH NEBENZAHL Inc., 333 North Michigan Avenue, Chicago, Illinois 60601,

USA. Tel: 312/641 2711. *Bulletin 16 1985. A Selection of Rare Americana*. 16pp., 122 entries with notes, 9 ills. Includes books on travel and some maps.

ORBIS TERRARUM Antique Maps and Prints, 3 Parkvedras Terrace, Truro, Cornwall TR1 3DE England. Tel: (0872) 77928. *Catalogue 1985/1*. 24pp., 476 entries, 58 ills. Maps and views of all parts of the world.

RANDALL HOUSE, 185 Post Street, San Francisco, California 94108, USA. Tel: 415 781 2218. *Rare Books XVIII Americana in All Its Aspects From Colonial Times to the Present Day A Selection from Stock of Rare Books, Documents, Holographic Material, Maps, Prints and Photographs*. 148pp., 965 entries with full notes and bibliography, 55 ills. An interesting, wide range of material including exploration and history.

PATRICK ET ÉLISABETH SOURGET, 28 bis rue du Docteur-Maunoury, 28000 Chartres, France. Tel: (37) 35 49 54. *Cent Livres Précieux de 1469 à 1914*. 162pp., 100 entries, 124 ills. Includes Blaeu's *China*, large maps of Brazil and Paris, and Bonne's *Atlas Maritime*.

WARWICK LEADLAY Gallery, 5 Nelson Road, Greenwich, London SE10 9JB, England. Tel: (01) 858 0317. *List Number 2 A Selection from our Stock*. Small folding leaflet listing views of London and Greenwich, English county maps and prints, 7 ills.

H. TH. WENNER GmbH & Co., Abt. Buch- und Kunstantiquariat, Heger Str. 2-3, D-4500 Osnabrück, West Germany. Tel: (0541) 3310366. *Antiquariatsangebot 320 Alte Stadtansichten und Landkarten*. 28pp., 702 entries, 16 ills. Prints and views with sections of maps by Mercator, Bodenehr and Homann.

Publications received

A TOUR THROUGH THE WHOLE ISLAND OF GREAT BRITAIN, Volumes 1, 2 and 3 by Daniel Defoe. Introduction by Pat Rogers. (London. Available from The Folio Society, 202 Great Suffolk Street, London SE1 1PR. 1983). First published in this edition by J. M. Dent and Sons Ltd. in 1928. All three volumes are fully illustrated with black and white views. End papers are reproductions of John Ogilby's road maps. Price £50 the set. A beautifully produced set of books written by Defoe in the mid-eighteenth century and reprinted by the Folio Society last year. They record Defoe's journeys through England, Wales and Scotland and, as Pat Rogers says in his/her introduction, 'We read other guide books for their quaintness: we come back to the *Tour* for its understanding of social processes, its wealth of human observation, and its joyous encounter with England in transition. Defoe gives us a world we have lost, but he shows us how we came to lose it.'

GARDENS OF DELIGHT. Maps and Travel Accounts of Illinois and the Great Lakes from the Collection of Hermon Dunlap Smith. Catalogue of an exhibition on display at the Newberry Library, Chicago, from October 1984 to January 1985. Prepared by Robert W. Karrow, Jr and David Buisseret with a foreword by Lawrence W. Towner. (Published by the Newberry Library, 1984) 39 pp. Black and white illustrations.

BIBLIOGRAFIE VAN IN NEDERLAND VERSCHENEN KAARTEN 1982. (Koninklijke Bibliotheek - 's-Gravenhage, 1984. Prins Willem Alexanderhof 5 2595BE The Hague The Netherlands). pp. 359 plus index and five graphs. The objective of this Dutch bibliography, published annually, is to give a review of the Dutch production of maps, charts,



plans and atlases that are deposited in the Dépôt van Nederlandse Publikaties and Nederlandse Bibliografie of the Royal Library. A reference catalogue for modern geographers.

DEUTSCHE STAATSBIBLIOTHEK. Kartographische Bestands-verzeichnisse 4. Pläne und Grundrisse von Städten kapitalistischer Länder Europas (1500-1850) Teil 3: M-R. Bearbeitet von Wolfram Klaus. (Deutsche Staatsbibliothek, 4 Teil 3. 1984.)-S. 689-1024. Price 51M.

DIRECTORY OF MAP CATALOGUERS IN THE UNITED STATES 1983. Compiled by William E. Meneely and Dorothy McGarry. Special Libraries Association, Geography and Map Division special publication No. 2 1984. (Available from Mary Galneder, Arthur H. Robinson map Library, 310 Science Hall, University of Wisconsin, 550 N. Park Street, Madison, Wisconsin 53706, USA). This directory was compiled in order to identify map cataloguers in the USA and to facilitate communication amongst them by providing outline information about the individuals and their systems. Over 160 Cataloguers from 36 States are included. pp. 30. Price US\$5 plus postage \$4.10.

HET AARDS PARADIJS. Catalogue of an exhibition presented by Antwerp Zoo from September 25 to November 7, 1982. Cartography played an important part in the exhibition if only because of the tremendous speculation in the sixteenth and seventeenth centuries as to the exact location of the Garden of Eden. Very attractive catalogue in Flemish.

THE EMERGENCE OF MAPS IN LIBRARIES by Walter W. Ristow. (Mansell Publishing, 3 Bloomsbury Place, London WC1 2QA, England. 1980). ISBN 0 7201 1620 1. 358pp. Price £15. Book in seven parts: History and Development of Map Librarianship; Acquisition and Procurement; Technical Processes; Reference and Bibliographic Services; Map Library Education; Memorials for Map Librarians and Cartobibliographers; International Map Librarianship. Invaluable information for all map librarians and curators.

HISTORICAL GEOGRAPHY RESEARCH SERIES. A Gazetteer of English Urban Fire Disasters, 1500-1900. No. 13, August 1984. By E. L. Jones, S. Porter and M. Turner. (Published and available from Geo. Abstracts, Regency House, 34 Duke Street, Norwich NR3 3AP). An interesting booklet giving data on provincial town fires from the year 1500 to 1900 including the number of dwellings destroyed, but difficult to see how it could be of direct use to historians of cartography. pp. 68. ISBN 0 86094 165 5. ISSN 0433-683X.

GREAT PLAINS QUARTERLY. Summer 1984. Vol. 4. No. 3 (Published by the Center for Great Plains Studies, 1214 Oldfather Hall,

University of Nebraska-Lincoln, NE68588-0314, USA). Includes an article entitled 'Mapping the Interior Plains of Rupert's Land by the Hudson's Bay Company to 1870' by Richard Ruggles, Professor of Geography at Queen's University, Kingston, Canada. pp 204. Subscription Rates US\$12 for one year or \$4 for a single issue.

AB BOOKMAN'S WEEKLY. Special Issue on Cartography, Voyages and Travels (Published by Bookman's Weekly, P.O. Box AB, Clifton, NJ 07015, USA) Includes an interesting article 'A Survey of American Cartography' by E. Forbes Smiley, a dealer specialising in cartography, and an article by two other well known dealers, Richard B. Arkway and Robert Augustyn 'Collecting Early Maps of the Northeast.' George Ritzlin of The Globe in Chicago has contributed a list of reference books on the history of cartography. Includes useful names and addresses for map collectors. Price US\$6 for special issue.

ALASKAN MAPS. A Cartobibliography of Alaska to 1900 by *Marvin W. Falk*. (Published by Garland Publishing Inc. 136 Madison Avenue, New York, NY 10016, USA). A listing of all the known published maps of Alaska from about 1300 to 1900 arranged chronologically. Includes a history of Alaskan cartography by the author who is Curator of Rare Books and Associate Professor of Library Science at the Elmer E. Rasmuson Library, University of Alaska, Fairbanks. Also a bibliography. Invaluable reference book for all students of Alaskan cartography. pp. 275, six black and white illustrations. Hardback cover, Price US\$62.

LANCASHIRE: A HISTORY OF THE COUNTY PALATINE IN EARLY MAPS by *J. J. Bagley and A. G. Hodgkiss*. (Published by Neil Richardson, 375 Chorley Road, Swinton, Manchester M27 2AY, 1985). In their foreword, the authors say 'In the pages that follow, we have used maps and plans as our main source of historical evidence about life in that part of North-Western England which for the last 600 years and more has been known as the County Palatine of Lancashire. We begin in Roman times and then consider what contemporary maps have to tell us about the activities and achievements, isolation and communications, population increase and distribution, land use and industrial development of successive generations of Lancastrians up to the twentieth century.' Alan Hodgkiss retired recently from his post in the cartographic unit of the Department of Geography at Liverpool University and has already written several other books on cartography including *Understanding Maps* and the popular handbook for beginner collectors, *Discovering Antique Maps*. Jo Bagley was also a member of the staff of Liverpool University for many years and has held offices in the Historic Society of Lancashire and Cheshire. He is currently editing a 13 volume *History of Cheshire*. There could not be two people better qualified to write this book and their expertise shows through in every respect. pp 83, black and white illustrations, paperback cover. Price £3.50 plus postage £1.90.

NATIONAL MAP COLLECTION ANNUAL REPORT. 1982/83. (Published by the Public Archives of Canada). This is the seventh offprint of the National Map Collection portion of the annual report of the Public Archives of Canada and gives the highlights of acquisitions in 1982-83. Of the 161 maps and atlases acquired by the Early Canadian Cartography section about 90 percent were printed and the rest manuscript. Back copies of earlier 50

offprints are available free of charge from the National Map Collection, Public Archives of Canada, Ottawa, Canada K1A 0N3.

LETTERS TO EDITOR



Le Neptune Francois

Madam,

Tony Campbell commented in the last issue on the effects of committing oneself in print on an issue, and I have now the same problem following my article on Irish Charts in *Le Neptune Francois*. I managed recently to get to the library of the Service Historique de la Marine in the Chateau de Vincennes in the suburbs of Paris (which, incidentally, is where King Henry V of England died). This library has a *Neptune Francois* of c.1789 and in it are late versions of my Plates I and II which I had not seen previously.

I West Scotland and north Ireland

State 4 (c.1798) with 'R.F.' in place of fleurs de lys in the Dépôt de la Marine mark, 'Prix Cinquante Sols' below the frame, and an arrow in place of a fleur de lys on one compass rose.

II Ireland and the Irish Sea

State 4 (c.1798) with fleurs de lys removed from the Dépôt de la Marine mark, 'Prix Cinquante Sols' below the frame, and an arrow in place of a fleur de lys on one compass rose in main chart and inset.

At the same time as these 1693 charts were being reprinted with all their distortions, the French Dépôt de la Marine had the most up-to-date British charts by Arnold, Huddart, Mackenzie and Moore and had published French versions of some of them for the navy.

R. S. J. Clarke
78 King's Road
Belfast
N. Ireland

The Word Rare

Madam,

Tony Campbell, in his excellent article on Blaeu's 'West Indische Paskaart' (Issue 30 of *TMC*) gives a humorous and wise warning on the use of the word *rare*. Once this word is used it is usually repeated by later commentators. For example, Nordenskiöld recorded two copies of the so-called Lafreri atlas. This was increased by Ruge in Germany and Wieder in Holland and always described as *rare*, but today over fifty examples are known.

It is always better to temper such words as *rare* and *unique* with words such as 'so far as is

known', or better still 'so far as is known to me.' Many so-called rarities are increased by further research.

Incidentally, I have had two copies of this map as separates.

R. V. Tooley
Norfolk

Orlando Hodgson's County Maps

Madam,

I have been reading with interest the article on the above maps in Issue 30 of *The Map Collector*.

I have, in my collection, *The New English Atlas* printed for J. Thomson, 1823, which is bound with a world atlas of similar size but no title page. However, the imprint below the maps is 'Allan and Ferguson lithog.' I wonder if this is the same Allan as the J. Allen whose name appears on the playing cards? Probably not, as there is an 'a' in the name rather than an 'e'.

Is the Thomson county atlas usually bound with a world atlas? The title on the original binding is just 'Pocket Atlas.'

I notice that the Thomson England and Wales map has a table with statistics at the bottom, similar to the county maps, whereas the playing card has a reference to R. Rowe as publisher.

It may be of interest to mention that the Hodgson map of Durham used as an illustration in the article, which was purchased from me by Yasha Beresiner, had been found with two or three others in an antique shop in the Cotswolds marked as 'Miniature Cary Maps.' It shows one can never tell where odd items will turn up. I have never been offered any by map dealers!

Doreen Green
7 Tower Grove
Weybridge
Surrey KT13 9LX

Where is Paradise?

Madam,

In connection with the article above which appeared in Issue 29 of *TMC* I am writing to tell you that 'Where is Paradise?' is one of the questions broached by M. L. Migne, publisher of the *Atlas Géographique et Iconographique du Cours Complet d'Ecriture Sainte* and 'editeur des cours complets sur chaque branche de la science ecclésiastique'. In his 1844 work he starts out by illustrating in four pictures the 'systeme de la creation du monde selon Moïse' and then presents the enclosed map of the terrestrial paradise adapted from two systems by D. Calmet and Huet, drawn by A.R. Fremin.

The rest of the atlas has detailed drawings of Noah's Ark, the Tabernacle, the various Temple objects described in the scriptures, maps of the Holy Land and other areas mentioned in the Bible, the Temple of Jerusalem, Solomon's palace (the latter two in great detail with plans, elevations and perspectives from different angles) and many other illustrations, all of which are based on the research of various authors who are mentioned in the descriptions.

I trust this is of interest to Fred Plaut, author of the excellent article, and readers of *TMC*.

R.L. Mayer
Baltimore 111-1801
Mexico D.F.
03720 Mexico.



The Holy Land

Madam,

In Issue 29 of *TMC* your correspondent Tessa Campbell reports on a new item (page 37) about the sale of a Hebrew map of the Holy Land sold at a Sotheby sale on September 20.

Using the data supplied in the catalogue she reports that the item in question was 3/4ths of a unique map dated 1631/32. The Sotheby catalogue description was in error and I notified them of that.

In the course of preparing an article on Hebrew maps of the Holy Land, I had the occasion to examine photographs of the copy of the map in the Bibliothèque nationale in Paris. This map by the author Yakov ben Abraham Zaddik was published in Amsterdam in 1620/21. Below the cartouche of the map it is clearly stated in Hebrew, 'printed in the big city of Amsterdam in the year "He stood and measured the earth"' (Habakkuk 3:6). The Hebrew letters add up to (5) 381 which is the equivalent of 1620/21 C.E.

The date 1631/32 alluded to in the catalogue is erroneous, as there are no dates on the remaining 3/4 map pictured in the catalogue. The inference therefore that there are two such maps, one 1620/21 and one 1631/32 is incorrect; both maps are the same but Sotheby map is incomplete.

Alfred Moldovan, M.D., P.C.
New York

Madam,

Fred Plaut's interesting article, 'Where is Paradise?' (*TMC*, Issue 29) prompts me to expand on his passing references to Calvin (pages 4 and 5) and to point out to your readers the circumstances which led Calvin to produce his own map of Mesopotamia in connection with the location of Paradise.

Calvin seems to have been annoyed by Michael Servetus' edition of Ptolemy's *Geography* (1535) in which Servetus observed that first-hand reports, from merchants and travellers, revealed the Holy Land not as a land of promise, full of milk and honey, but as disease-ridden, stony and sterile. For these views, Calvin had him burned at the stake in 1553. However, Servetus was not the originator of this comment. It had already appeared in the 1522 and 1525 editions of Ptolemy for which the maps had been prepared by Laurens Fries. In the same year, in his *Commentary on the First Book of Moses, called Genesis* Calvin reaffirmed that the Genesis text was to be taken literally. To strengthen his argument he included the map of Mesopotamia which, although purporting to show the location of Paradise, does not in fact mark it. This map has the added interest of being one of the first book illustrations ever published at Geneva.

It may also be worth noting that Calvin's map became the prototype for a number of representations of the area of Paradise appearing in later commercial atlases. Certainly, it has a remarkable resemblance to the map inserted by J. Hondius into his edition of G. Mercator's atlas (*Atlas Minor*, 1608, 1610 etc) – apart from Hondius' additional illustration of Adam and Eve and the Tree of Knowledge. Doubtless the map appeared elsewhere before reappearing in Carver's map of 1666 illustrated in Fred Plaut's article.

May I say that I found this article most stimulating and it has led me to place Calvin's map in its broader context in the history of religious propaganda.

Catherine Delano Smith
Dept of Geography
University of Nottingham

Reply from John Goss, Department of Printed Books and Manuscripts, Sotheby's, London.

Thank you for passing to me Dr. Moldovan's informative letter concerning lot 772 in our sale of September 20/21, 1984, the Zaddik map of Palestine.

Unfortunately, we never received Dr. Moldovan's letter as mentioned, therefore we are pleased to be given this opportunity of answering his questions.

Dr. Moldovan appears to have overlooked the part of our description which states that the copy is 'in three (of four?) engraved mapsheets,' but is perfectly correct in stating that the map is not unique. We described it as 'apparently unique' because at the time of cataloguing in July 1984 no other surviving examples were known to us, complete in four sheets (as it turns out) or in part examples. Confirmation of the existence of the Bibliothèque nationale's example reached us only after the date of sale.

It is, however, pleasing to learn that the missing portion (lettered *aleph* to *he*, see our footnote) does indeed bear the imprint and date, as kindly quoted by Dr. Moldovan – and that it bears the equivalent date 1620/21 C.E.

The place and date of publication given in our description, printed in square brackets, is assumed information: our surmise that it was

Quote for the Day

'As Geography without History seemeth as carkasse without motion, so History without Geography wandereth as vagrant without a certaine habitation.' **John Smith**
(Taken from *The Mapping of the World* by Rodney Shirley.

printed at Amsterdam turns out to be correct, but our date of 1631/32 CE was out by ten years, erring on the side of caution. We do *not* infer that two editions of the Zaddik map were printed as Dr. Moldovan implies in his last paragraph.

It is hoped to be able to supply a photograph of the complete map for inclusion in a future issue of *The Map Collector*.

'L'Amerique Septentrionale, 1700'

Madam,

I was very much interested in the article by Seymour Schwartz and Henry Taliaferro published in *The Map Collector*, Issue 26, pp. 2-6. The authors point out that very few copies of the first state of the beautiful map by G. Delisle 'L'Amérique septentrionale . . . 1700' are now extant, and that there is no copy in the Bibliothèque nationale, Paris.

I am precisely studying Guillaume Delisle's and Philippe Buache's maps. Among the collections of the Département des cartes et plans, Bibliothèque nationale, I found four states of this map; the first one seems to be another copy of the first state.

Owing to the alterations in the title and address, it is possible to find out which different state it is, in spite of their same date: 1700.

First state: 'L'Amérique/septentrionale/dressée sur les observations de Mrs de/l'Académie royale des sciences et quelques//autres et sur les Mémoires les plus recens//Par Guillaume de L'Isle géographe//A Paris//chez l'Autheur Rue des Canettes prez de//Saint Sulpice Avec Privilège du Roy pour//20 ans. 1700.'

Same details as the authors point out: lower Mississippi running West, with its mouth 5°E from Rio Bravo; another stream in Baie du St Esprit; Ohio ou la Belle Rivière; Charleston, (etc).

Second state: in the cartouche, the address has been altered as follows: '...//Chez l'Autheur sur le Quai de l'Horloge a la Cour//de Diamans. Avec Privilège du Roy pour//20 ans. 1700.'

Beneath the cartouche a small note has been added: 'Se trouve à Amsterdam chez L. Renard libraire//prz (sic) de la Bourse.'

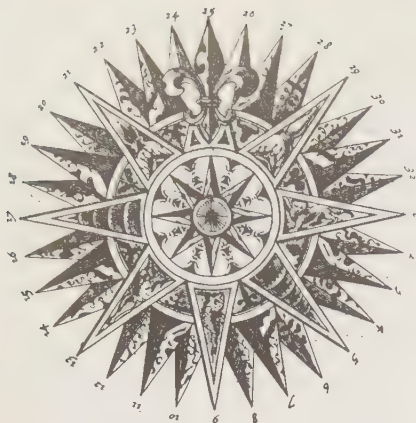
On this second state, you can see all the differences the authors give in full.

The third and fourth states seem to be quite similar except for the address.

Third state: 'a la Cour de Diamans' has been erased in the cartouche.

Fourth state: the address has been altered as follows: '... Par Guillaume de L'Isle Prem' Geographe du Roy//A Paris . . .' The mention under the cartouche: 'se trouve à Amsterdam (etc)' has been erased.

Lucie Lagarde
(conservateur à la Bibliothèque nationale, Paris, Département des cartes et plans)



Compass Points

A series in which we
highlight unusual and
interesting features on early maps

The 'Lost' Islands of the Pacific

by R. A. Lever

THE SOLOMON ISLANDS, a volcanic archipelago to the east of New Guinea, lying in two parallel chains stretching some 900 miles were discovered in 1568. Two centuries of cartographic confusion followed, with the group at one stage misplaced about almost 5,000 miles to the east, perhaps the greatest cartographic misconception of all.

The Solomon Islands were one of the first of the large Pacific archipelagoes to be mapped. The reason it took so long for them to be rediscovered was because of the inadequacies of contemporary navigational methods. Whereas latitude could be calculated with sufficient accuracy by measuring the height of the sun or some other astronomical body, longitude was a completely different matter. To estimate the distance east or west of a particular point requires knowledge of their time difference. Yet it was only at the end of the eighteenth century that sufficiently reliable clocks were available for the accurate calculation of local time. Forced to depend therefore on rough estimates of the actual daily run, and unaware of the strong westward drift of Pacific currents which meant that the distance



The correct position of the Solomon Islands at the East of New Guinea is indicated in this map. (Drawn by Ashley Pope)

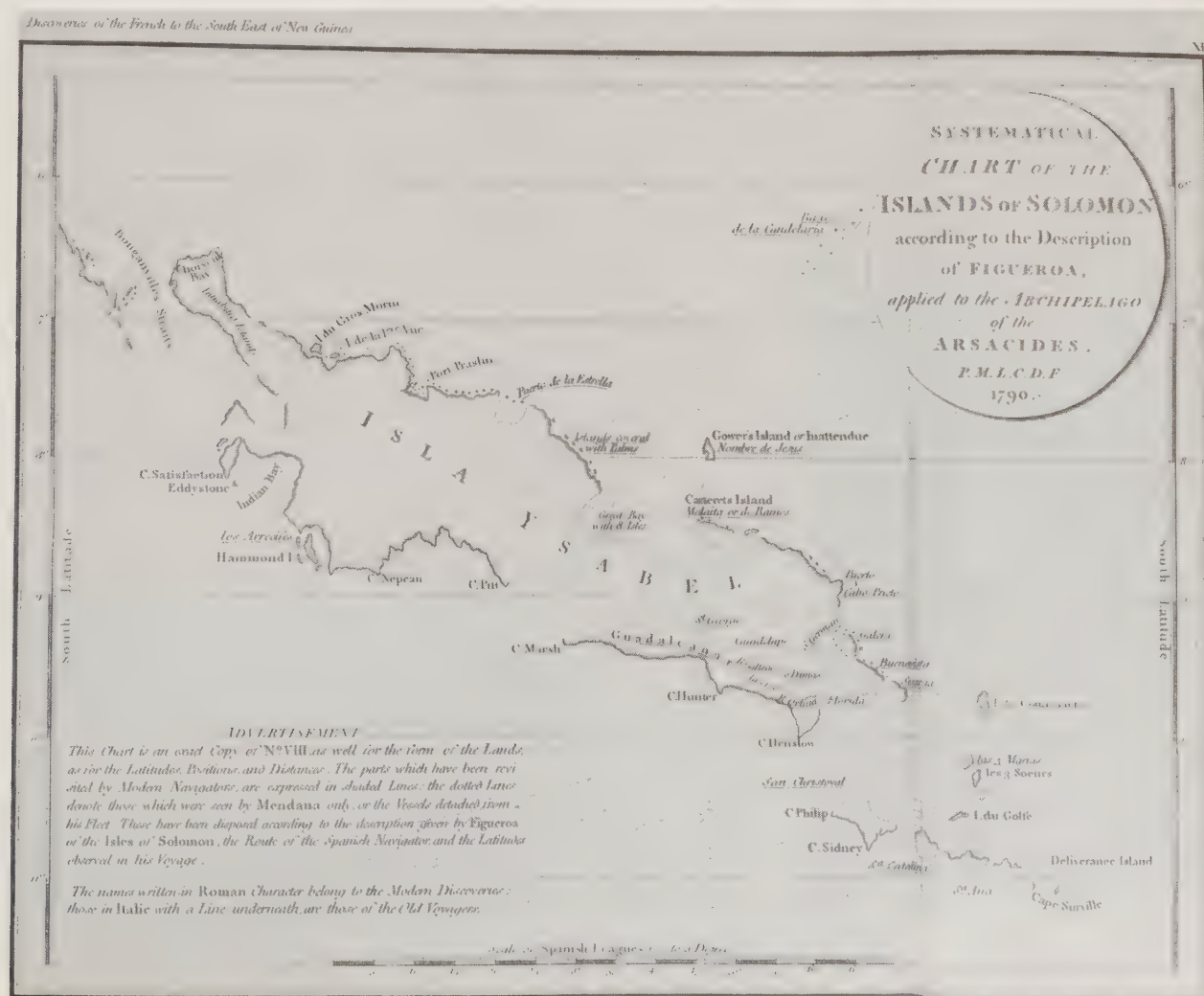
Abraham Ortelius was one of the earliest cartographers to include the Solomon Islands on a printed map – first on the third version of his world map (1587) and then on this map of the Pacific (1589). At this time (twenty years after their discovery by Alvaro de Mendaña) they are approximately in the right place. (By courtesy of Robert Douwma Prints and Maps Ltd)





Confusion about the true position of the Solomon Islands grew during the seventeenth and eighteenth centuries. On Andries and Hendrick de Leth's 'Carte nouvelle de la Mer du Sud' (c.1730) the Solomons are duplicated. The islands of *Isabella*, *St Christophe* and *St Jacques* appear both north of *Terre de Quir* (shown as part of Australia) and in mid-Pacific. (By courtesy of the British Library)

This map of the Solomons from Claret de Fleurieu's *Discovery of the French in 1768 and 1769, to the South East of New Guinea* (1791) records explorations separated by two centuries. Figueroa's map, originally published in 1612 and based on information from Mendaña's voyage, has been copied and annotated in 1790 to incorporate the coastlines of the Solomons as freshly discovered by the French. (By courtesy of the British Library)



travelled was considerably greater than that logged, Spanish navigators were wildly out in their calculations of longitude. Underestimates of anything up to 2000 miles were the result. Because of this, later cartographers and navigators searched in vain for these islands for nearly two centuries, and some map makers removed them altogether from the charts.

The Solomons were discovered by an expedition under Alvaro de Mendaña, which set sail in 1567 from Callao, the port of Lima in Peru. Mendaña was the nephew of the Viceroy of Peru and had no seafaring experience. His chief pilot, Herman Gallego, compiled charts and kept a journal but, sadly, none of his charts is known to have survived. The expedition, consisting of two ships, followed a westward course for eleven weeks, finally anchoring in a bay when both their rations and water were at a very low ebb. The island was named in honour of their patron saint, Santa Isabel.

They then sailed south-east until they came first to another large island which they named Guadalcanal and then to a group of smaller islands they called Florida. On the return voyage they coasted along the southern shore of Isabel, thus circumnavigating the 120-mile long island, and discovering in the process two other large islands, Malaita and San Cristobal, as well as a number of smaller ones. Despite his lack of success in finding gold, Mendaña named the group *Islas de Salomon* in continuing hope of finding riches. After the eastern end of the Solomons had been reached the expedition returned to Peru in 1569. No European was to see the islands again for two hundred years.

The information available to later navigators attempting to place the Solomons on their charts was very meagre. Extant charts, apart from those by Gallego, were contradictory. One drawn by Lopez de Velasco, datable to about 1575, marked Mendaña's track but placed the Solomon Islands roughly midway between Callao and the crudely sketched north coast of New Guinea. Abraham Ortelius was apparently the first to include the islands on a printed map when he issued the third version of his world map in 1587, following this up two years later with the map of the Pacific. Ortelius showed the Solomons in a cluster off New Guinea, which now appeared as a completed island. Cornelis Wytfliet's version of ten years later was similar, although the islands were spaced slightly further apart. A few years after that, Antonio de Herrera, in his *Descripcion de las Indias occidentales* of 1601, depicted the islands with their southern tips missing but in the same general position. A less accurate map of 1612 by Christoval de Figueroa included a huge Isabel with a small strap-like Guadalcanal, a spikey San Cristobal and the smaller islands of Santa Aña and Santa Catalina grossly enlarged.



A father and son on the trail. They were photographed by the author on the island of Guadalcanal.

Existing cartographic confusion worsened when Robert Dudley suggested in 1646 that the Solomon Islands were none other than the Marquesas group, another Mendaña discovery dating from his later voyage of 1595. But the Marquesas are in the central, not western Pacific. Pierre Mortier's world map of 1696, due to be followed by a number of eighteenth century productions, therefore moved the Solomons some 70° across to the eastern half of the Pacific. This mistaken shift of about 4,700 miles must qualify for the title of greatest cartographic misconception of all.

Rival exploration of the Pacific by the British and French was sufficiently intense in the mid-eighteenth century for no fewer than three expeditions to pass right through the Solomon without their commanders realising that they had accidentally rediscovered the missing islands. In 1767, exactly two hundred years after Mendaña first caught sight of the archipelago, Philip Carteret in the *Swallow* gave the name Queen Charlotte to the island on which Mendaña had attempted to found a settlement at what he called Santa Cruz, on his second expedition of 1595. Carteret's French rivals, Bougainville in 1768 and Surville the following year, similarly failed to appreciate the importance of the islands they encountered on their circumnavigations.

However, it was to another Frenchman, Jean-Nicolas Buache de la Neuville that credit must be given for first placing these elusive islands in their correct place. In his report to the French Academy of Sciences in 1781 he demonstrated that an uncharted region, representing 12½° of longitude, lay between the Bismarck Archipelago (whose main island is New Britain) and the Santa Cruz group, the eastward extension of the Solomon Islands. Into this void the whole 600-mile chain of the Solomons proper could be fitted. The long search was at an end. With hindsight, it is difficult to appreciate just why it took so long for the problem to be solved after correct information became available in the late 1760s.

Mendaña might have failed to find gold or a base for a future colony and his imprecisely described discovery caused two centuries of cartographic chaos. But his courage and determination were without question. Despite poorly provisioned ships and the rigorous rationing that had to be imposed, his men endured months of hardship, especially on the return voyage. Furthermore, the distance his expedition actually travelled between Peru and the Solomon Islands was more than twice that sailed by Columbus in crossing the Atlantic.

Further Reading

- Amherst of Hackney, Lord and Basil Thomson. *The Discovery of the Solomon Islands*. Hakluyt Society, 2nd Series, 7, 8 (1901). (The reference to Gallego's journal in the British Library is incorrectly given; it should be Add. MS 17623).
- Beaglehole, J.C. *The Exploration of the Pacific*, third edition (London: Black, 1966).
- Carteret's *Voyage round the World, 1766-69*, edited by Helen M. Wallis. Hakluyt Society, 2nd Series, 124, 125 (1965).
- Hinton, Colin Jack. *The Search for the Islands of King Solomon, 1567-1838* (Oxford University Press, 1969).
- Shirley, Rodney. *The Mapping of the World: Early Printed World Maps 1472-1700* (London: Holland Press, 1983).
- Skelton, R. A. *Explorers' Maps* (London: Routledge & Kegan Paul, 1958).
- Spate, Oscar H.K. *The Spanish Lake* (London: Croom Helm, 1979).

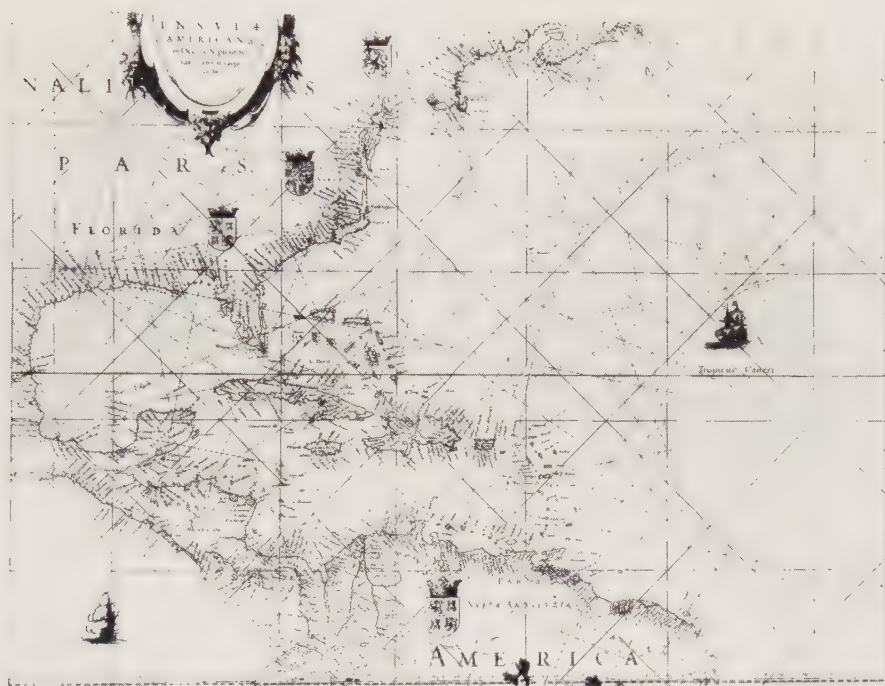
Acknowledgements

The writer's thanks are due to the proprietors of the Oxford University Press for permission to reproduce maps from Jack Hinton's classic study of the subject, *The Search for the Islands of King Solomon, 1567-1838*, (Oxford University Press), 1969, which, with D. H. K. Spate's *The Spanish Lake* provides details of the distances covered which were entered in Spanish leagues. A comprehensive account of exploration, *Explorers' Maps* by R. A. Skelton, provides an excellent review of the earliest sources for Pacific maps and charts.

Postscript

The author has recently examined the copy of Gallego's journal in the British Library which bears a different reference number from that given by Lord Amherst and Basil Thompson. Add MS 17625 refers to the voyage by de Quiros to Vanuatu (New Hebrides) in 1605-6 while the number for the required journal by Gallego is Add MS 17623 which is a copy of 91 pages of the original log of which there are two more in Spain and one in Wellington, New Zealand.

Important Prices for Atlases, Travel and Topography on Thursday 2nd May and Friday 3rd May 1985



The West Indies from Blaeu's early *Novus Atlas*, 1635

Blaeu (Willem) *Novus Atlas* [Theatrum vol. I], German text, an unrecorded copy of the early form, Amsterdam, 1635. £33,000.

Blaeu (Johannes) *Grooten Atlas*, 9 vol., Dutch text, Amsterdam, [1648] 1655. £44,000.

Homann's Heirs. *Städt-Atlas*, 95 town plans, Nuremberg, 1762. £41,800.

van der Maelen, *Atlas Universal*, 7 vol., Brussels, 1827. £5,500.

Guérault, *Premier livre des Figures . . . d'Europe*, first edition, Lyon, 1551. £14,850.

Blaeu (Johannes) [Townbooks of the Netherlands], 2 vol., Amsterdam, 1649. £30,800.

Blaeu (Johannes) [Townbooks of Italy], 4 vol., The Hague, 1724. £10,450.

Blaeu (Johannes) [Piedmont and Savoy], 4 vol., The Hague, 1725. £7,150.

Millo. *Isolario*, manuscript portolan atlas of the Mediterranean, Venice, 1582. £13,200.

van Keulen. *Le Nouveau & Grand Illuminant Flambeau de la Mer*, Amsterdam, 1681-1689. £42,500.

Our next sale of Travel, Atlases and Maps will be held
on Thursday 27th June and Friday 28th June 1985.
Richly illustrated catalogue price £10.

The first specialised sale of the new Season will
be held in early November 1985. For information on
consignment of property, please contact David Park or John Goss.

Collectors' Barometer

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)

C Christie's, 8 King St, London SW1Y 3JS

16 & 17 Apr 85. Premium 8%

Cs Christie's South Kensington, 85 Old Brompton Rd, London SW7 3JS

25 Jan 85. No Premium

H Kenneth Hince, 140 Greville St, Prahran, Victoria 3181

18 Nov 84. No Premium

M Librairie Louis Moorhamers, rue Lesbroussart 124, 1050 Brussels

9 Feb 85. Premium 21%

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

24 Jan 85; 28 Feb 85. Premium 10%

S Sotheby's, 34-5 New Bond St, London W1A 2AA

5 & 19 Feb 85; 2 & 3 Apr 95. Premium 10%

SNY Sotheby's, 1334 York Ave. (at 72nd St), New York, NY 10021

2 Feb 85. Premium 10%

Ta Taviner's, Prewett St, Redcliffe, Bristol BS1 6PB

21 Feb 85. Premium 10%

VG Van Gendt Book Auctions BV, 96-8 Keizersgracht, 1015CV Amsterdam

12-13 Mar 85. Premium 20%

ZK Zisska & Kistner, Unterer Anger 15, 8000 München 2

19-20 Mar 85. Premium 15%

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

20 June Taviner's
27 June Phillips
27-8 June Sotheby's
11 July Phillips
16 July Sotheby's
17 July Christie's
18 July Taviner's
19 July Christie's South Kensington
25 July Phillips
30 July Sotheby's
15 August Taviner's
September Venator KG, Cäcilienstr. 48, 5000 Köln 1

12 September Phillips
12-14 September Germann, Zeltweg 67, CH-8032 Zurich

19 September Taviner's
27-8 September Granier, Welle 9, 4800 Bielefeld 1

28 September James, 33 Timberhill, Norwich NR1 3LA

Exchange rates for this report (January to April)

£ = \$1.11 to 1.27 £ = DM3.50 to 3.85

£ = fl.3.965 to 4.35 £ = Bfr70.30 to 77.50

(on 18 Nov) £ = Aus \$1.4582

ATLASES

Admiralty, British. [Charts. 1870s]

343 England, Scotland and Ireland. 2 vol.s, 44 charts only.

binding defective, folio.

P 24 Jan 85 lot 343

£484

Après de Manneville, J.B.N.D. Le Neptune Oriental. Paris and Brest. 1775-81

Gr.-Fol. Frontisp., 63 Karten, 2 nn. Bll., XSS., 194 Sp., 3 nn. Bll. Hgptbd. d. Zt. mit Rsch. (beschabt und bestoßen).

– BEHLIEGT: DERS., Supplément au Neptune oriental. Ebd. 1781. Gr.-Fol. Mit 17 (statt 18?) Karten, 2

nn. Bll., 16 Sp. Ebenso. Phillips 3166 und 3168. Nat. Maritime Mus. Cat. III. 204 (kennt das Supplement nur in späterer Aufl. Vgl. 205). Nederl. Hist. Scheepvaart Mus. I. 57 und 58. Brunet I. 3260 (nennt 80 Karten) Stellenw. etw. Supplement auch stärker wasserrandig, sonst gut erhaltenes und schönes Exemplar aus dem Schloß Des Coudreaux. In diesem Zustand sehr selten.

2K 19-20 Mar 85 lot 4

DM7,360

Baalde, S.J. Nicuue . . . Zak- en Reis-Atlas. Amsterdam, 1770

Title, 38 maps (34 in outline colouring), 2 tabs. of distances & plt. with flags. Hcalf – Koeman Baa 1A – Good copy of a scarce pocket-atlas.

VG 12 Mar 85 lot 311

fl. 1800

Barclay, J. [A Complete and Universal Dictionary. London, 1851?]

50 maps, 10 plates, a few slightly torn, first three leaves torn affecting text, lacks title-page and ?frontispiece, stained, disbound, sold not subject to return, 4to.

S 5 & 19 Feb 85 lot 5

£484

Bartolommeo dalli Sonetti. Isolario. [Venice, c.1485]

4to (9 x 6 3/4 in.; 226 x 169 mm.). 56 leaves, 49 woodcut maps, very slight foxing, three maps (on ff. 4, 46 and 56) just shaved at top. Red morocco gilt and gilt dentelles, vellum doublures and endleaves, g.e., by Lewis; joints somewhat rubbed. FIRST EDITION. Second issue with the additional lines on leaves 12v, 15v and 24v. A REMARKABLE COPY, unmarred. H 2538 = H 14890; Klebs 158.1; BMC V 410; Goff B-183; The World Encompassed 82; Gutenberg-Jahrbuch. 1957, p. 94. Provenance: the Beckford copy, sold in our London rooms June 30, 1882, lot 626; W.H. Crawford of Lakelands (bookplate), sold in our London rooms March 12 1891, lot 258; sold again in our London rooms June 24, 1968, lot 10.

SNY 2 Feb 85 lot 46

\$27,500

Basch & Co. Atlas of . . . New South Wales. Sydney, [c.1872]

Folio, publisher's worn and defective half roan, contents good, Sydney.

H 14 Nov 84 lot 39

A\$400

Berry, W., See N. Sanson

Bertius, P. Tabularum Geographicarum. Amsterdam, Hondius, [1616]

Title, 220 Karten, 8 nn. Bll. (incl. Titel), 829 SS., 5 nn. Bll. Pgtbd. d. Zt. (fleckig, etw. berieb. und bestoßen, Vordergelenk unten angebrochen). Koeman I. 61, B 5 und II. 258 ff., Lan II A. Nat. Marit. Mus. III. 42, 57. Sabin 5014. 5. um Bücher erweiterte Ausgabe, in der erstmals die neu gestochenen, gegenüber den früheren Auflagen etwas vergrößerten Karten erschienen. Zwischengeb. 3 Bll. mit hs. Notizen, nachgeb. 6 Bll. mit hs. Index. Der gestoch. Titel oben mit Randausschnitt, unten angerändert und angefaltzt. Am Anfang mit unbedeutender Wurmspur. Durchgehend etw. gebräunt, stellenw. mit hs. Marginalien. 1 Karte unten knapp beschnitten. 1 Karte stärker braunfl., sonst nur wenig fleckig und gut erhalten.

2K 19-20 Mar 85 lot 10

DM7,820

Blaeu, J. & W. Atlas Maior, vol. 5 [America]. Latin text. Amsterdam, 1662

Imp.-Fol. Mit kolor. Holzschnitt-Titelvign. und 23 kolor Karten. 1 nn. Bll., 287 SS., 1 nn. Bll. OPgtbd. mit floraler Rvg., goldgepr. zweifacher Bordüre, Eckstücken und Vign. (Atlas, das Weltgebäude tragend) auf den Deckeln und dreiseit. Goldschnitt (etw. berieb. und bestoßen, Schließbänder fehlen). Koeman I. Bl 56, S. 226 f. SS. 103/04 folgen nach SS. 105/06. Durchgehend leicht gebräunt und etw. braunfl., vereinzelt minimal wasserrandig, sonst breitrandig und gut erhalten. Die Karten in prachtvollem Kolorit.

2K 19-20 Mar 85 lot 1

DM21,850

Blaeu, J. & W. Theatrum Orbis Terrarum, 3 vols. Latin text. Amsterdam, 1640

Latin text, 5 coloured titles, index leaves at the end of each vol., 272 maps, mounted on guards, ALL COLOURED in outline with coloured cartouches, &c., (some minor marginal dampstaining; a few small splits; a few vertical creases near fold; occasional minor repairs), original fitt-pannelled vellum (a little stained and worn, lacking some ties), folio. Vol. I (Northern Europe), second edition, 2 parts, second title with printed title slip, 115 maps (of 120, lacking Koeman's nos. 17, 41, 67, 82 & 83). [Koeman I, Bl 21A]. Vol. II (France, Spain, Asia, Africa and America (23)), second edition, 2 parts, both titles with printed title slips, 92 maps (lacking Koeman's not. 44, but including 2 maps not called for between his nos. 38 & 39). [Koeman I, Bl 22. Bl 17 gives the 2 extra maps]. Vol. III (Italy) a variant of the first edition, the 4-map supplement of the British Isles replaces the Appendix, engraved title with printed title slip, printed supplement title, and 65 maps (of 66, lacking Ischia), [Koeman I, Bl 36B].

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Imp.-Fol. Mit kolor. Holzschnitt-Titelvign. und 23 kolor Karten. 1 nn. Bll., 287 SS., 1 nn. Bll. OPgtbd. mit floraler Rvg., goldgepr. zweifacher Bordüre, Eckstücken und Vign. (Atlas, das Weltgebäude tragend) auf den Deckeln und dreiseit. Goldschnitt (etw. berieb. und bestoßen, Schließbänder fehlen). Koeman I. Bl 56, S. 226 f. SS. 103/04 folgen nach SS. 105/06. Durchgehend leicht gebräunt und etw. braunfl., vereinzelt minimal wasserrandig, sonst breitrandig und gut erhalten. Die Karten in prachtvollem Kolorit.

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2K 19-20 Mar 85 lot 1

DM21,850

C 16 & 17 Apr 85 lot 79	£18,360	stained, a small hole in Northants. disbound, folio. P 24 Jan 85 lot 331	£880	Fullarton, A. The Royal Illustrated Atlas. London and Edinburgh, [1860] <i>Title, 66 mapsheets coloured in outline, occasional faint spotting, publisher's half morocco, gilt, rubbed [cf. Phillips, Atlases 838 (an edition of 1862)], folio (465 by 325 mm.).</i> S 5 & 19 Feb 85 lot 9	£385
Another edition, 4 vols. German text. Amsterdam, 1641-46 6 Tln. in 4 Bdn. Gr.-Fol. 6 altkolor., teilw. goldgehöhten Titeln. 6 (3 altkolor.) Textkupfern, einigen Textholzschnitten und 337 (statt 338). grenzkolor. Karten mit zahlr. altkolor. Kartuschen und Vign. OPgtbde. mit goldgepr. Rtit. auf Rsch., Rvg., goldgepr. Bordüre, Eckstücken und Vign. auf den Deckeln und dreisit. Goldschnitt (etw. berieb. und bestoßen, mit einzelnen Gebrauchsspuren, Schließbänder fehlen). Koeman I, 148 ff., Bl 31 A., 32 A., 41 A. und 47 B. Die Vorsätze mit Eintragungen von alter Hand. Die Titel teilw. etw. angestaubt und fingerfleckig, einzelne Karten mit kleinen Randeinrissen oder am Bug aufgeplatzt. Karte Nr. 16/Bd. I (Litauen) mehrf. eingerissen, durchgehend leicht, stellenw. auch stärker gebräunt, etw. braunfl., insgesamt jedoch breitrandiges und gut erhaltenes Exemplar. 2 K 19-20 Mar 85 lot 11	DM85,100	Cary, J. New and Correct English Atlas. London, 1787 Title and ded., 43 (of 46) col. maps, cont. cf joints repaired, 4to. P 24 Jan 85 lot 338	£352	Greenwood, C. & J. Atlas of the Counties of England. London, 1834 Four original parts, folio [see Chubb CCCCLVIIIa], title and 33 coloured maps only, including one duplicate, a few margins cleanly torn, several creased, original paper wrappers, soiled, disbound; sold not subject to return. C's 25 Jan 85 lot 148	£420
Another edition, 6 vols. Latin text. Amsterdam, 1649-55 6 volumes, large folio. 402 maps. Vol I (Germany): two parts, two titles, dated 1649, 1655, 121 maps. Vol II (France, Spain, Asia and America): two parts with labels on titles, dated 1655, 89 maps. Vol III (Italy): label on title dated 1655, 62 maps. Vol IV (England): (1655) lacking pastedown on title, 58 maps. Vol V (Scotland and Ireland): title dated 1654, armorial plate, and 55 maps. Vol VI (China and Japan): title undated [1655], 17 maps. The whole richly colored and heightened in gilt; a few maps slightly stained. Contemporary red morocco gilt, gilt tooled panels on covers with center panel containing the arms of Butler for James, 1st Duke of Ormonde, K.G. rubbed, corners slightly knocked. A MAGNIFICENT ATLAS. Koeman I, Bl 23B (see Bl 23A); Bl 24A; Bl 36B; Bl 43A; Bl 49; and Bl 53. <i>Provenance:</i> James, 1st Duke of Ormonde, K.G. and 12th Earl (1610-1688); bookplate on upper inside covers with arms of Dawson-Damer for Earls of Portarlington, Emo Park, Portarlington, Queens Co., Ireland. SNY 2 Feb 85 lot 78	\$77,000	Another edition, London, 1793 Title, 47 maps coloured in outline (minor paper flaw in Kent), contemporary tree calf (short split to upper joint), 4to. C 16 & 17 Apr 85 lot 7	£324	Hall, S. A New General Atlas. London, 1830 Title and index, 53 maps, coloured in outline, contemporary russia (rubbed, spine torn), large 4to. C 16 & 17 Apr 85 lot 27	£378
Another edition, vol. 3 [Italy]. Latin text. Amsterdam, 1645 Gr.-Fol. Altkolor. Titel und 62 grenzkolor. Karten mit altkolor. Kartuschen und Vign. 111 (tts. falsch), 8 num. Bll., 1 nn. Bl. OPgtbd. mit Rvg., goldgepr. Bordüre, Eckstücken und Vign. auf den Deckeln und dreis eit. Goldschnitt (etw. berieb. und bestoßen, oberes Kapital etw. beschäd., Schließbänder fehlen). Koeman I, 165 f., Bl 37 A., 3. Teile der lateinischen Ausgabe, jedoch ohne den 2. Anhang mit den 4 Karten von Großbritannien, Vorsatz mit den Spuren eines entfernten Exlibris. Der Titel mit blindgepr. Siegelackwappen, am oberen Rand mit Rasurstelle, wenig angestaubt und etw. fingerfl., durchgehend minimal gebräunt, stellenw. leicht braunfl., sonst breitrandig und sehr gut erhalten. 2K 19-20 Mar 85 lot 19	DM11,500	Another edition, London, 1793 Title, contents, general map and 45 county maps. 2 soiled, disbound, 4to. P 28 Feb 85 lot 319	£396	Halma, Fr. & M. Brouerius van Nidek. Tooneel der Ver. Nederlanden. Leeuwarden, 1725 2 vols. front., 37 portraits, 25 maps & 1 plt. Calf (dam. & loose; stained & browned, some lvs. a bit torn) fol. Title 447. <i>The maps compose a cph. atlas of the United Prov.</i> VG 12 Mar 85 lot 410	fl.1,200
Another edition, vol. 3 [Italy]. French text. Amsterdam, 1650 Title with printed title slip, coloured and heightened with gold, 64 maps all with CONTEMPORARY COLOURING (slight marginal dampstaining towards the end), full contemporary brown morocco, gilt panelled sides with cornerpieces and large ornate gilt centrepieces, spine gilt in 8 compartments, g.e. [Koeman I, Bl 35H], folio. 58 maps of Italy, 4 of Greece, including Crete, and Scotland and Ireland (the two maps of Britain called for by the index are omitted in this edition). C 16 & 17 Apr 85 lot 106	£3024	Cary, G. & J. New Universal Atlas. London, 1825-8 42 col. maps, lacks covers, folio. P 28 Feb 85 lot 310	£495	Homann, J.B. & Heirs. Grosser Atlas. Nuremberg, 1733-45 4 Bde. Gr.-Fol. Mit zus. 2 (1 altkolor.) Titeln, 1 Zwischen titel, 1 Portr., 2 Titelvign., 343 altkolor. Karten und Plänen, 30 altkolor. Himmelskarten, 32 altkolor. Plänen, Tabellen etc. Schweinsldrbde.d.Zt. mit reicher Blindpr., goldgepr. Rtit. auf Rsch. und goldgepr. Wappensupralibros auf den Deckeln, monogrammiert und dat.: „D. Z. R. O. 1756“ (etw. fleckig, berieb. und bestoßen). Sehr schönes, hervorragend erhaltenes Exemplar. Die Karten auf starkem, weißem Papier, kaum gebräunt oder fleckig, in schönem altem Kolorit. – Die Bände enthalten: I, gestoch. Titel, Drucktitel, Registerbll., Porträt, 40 SS. Einleitung und 103 Karten. II, Special Atlas von Teutschland, oder das Heil. Römische Reich. Titel, Register und 85 Karten. (Die als Zusatz genannten Stadtpläne und Karten mit Ansichten sind in Bd. III eingebunden). – III, 44 Stadtpläne, Karten und Ansichten (Zusatz von Bd. II). Ferner 71 Karten, Pläne, Ansichten etc., ohne Titel und Register, darunter 10. Tafeln mit kolor. Ansichten. IV, Doppelmayr. Atlas novus coelestis. Nürnberg 1742, Gestoch. Titel, Drucktitel, Register und 30 Himmelskarten. Ferner 36 historische Karten auf 14 Tafeln. „Tabulae chronologicae historiae politicae“, 1733. Gestoch. Titel und 16 auf 8 Tafeln. „Vorstellung der Grundrisse weltberühmter Städten“ 1745. I Indexbl. und 14 Pläne auf 7 Tafeln. 4 Karten (Palästina, Kleinasien, Rußland, Afrika) mit Erläuterungen auf 10 nn. Bll. – Nach den Registern in I und II sind 3 Karten nicht vorhanden (Fez/Marokko, Steiermark, Kärnten), ferner 3 Pläne im Zusatz zu II (Erlangen, Wismar, Heilbronn), das Privileg, der „Methodische Atlas“ mit 5 Bll. und Register. Die Karten „Mexiko“ und „Hunstrück“ aus I und II sind in III eingebunden. – 4 Karten lose, davon 2 Österreichkarten wohl aus einem anderen Exemplar beigelegt. Wenige Karten mit kleinen, teilw. hinterlegten Randeinrissen. Stellenw. leicht fleckig. Insgesamt jedoch sehr frisches und schönes Exemplar in dekorativen Einbänden. ZK 19-20 Mar 85 lot 18	DM325,400
Another edition, vol. 4 [England]. German text. Amsterdam, 1646 Folio, [Koeman I Bl 47B], title, title label repaired, 58 maps, lower right margin of Dorsetshire neatly repaired, contemporary vellum, gilt, lightly soiled, ties. Cs 25 Jan 85 lot 99	£4,200	Châtelain, H. A. Atlas Historique. Amsterdam, 1714-21 7 volumes, folio (17½ × 10¾ in.; 444 × 270 mm.). 5 title-pages, printed title-pages, 3 printed half-titles, about 285 plates including many maps, views, etc.; creasing at the front of a few volumes, some foxing and browning throughout, about one-third of the plates with minor tears or fold separations or tape repairs to the same, RRI and RR2 in volume 6 supplied. Contemporary calf; rubbed, rebacked or spines repaired. First edition of volumes 4 through 7, second edition of volumes 2 and 3, third edition of volume 1. Koeman II, Cha 2-8 (variations in collation); Phillips, <i>Atlases</i> 548. Sold not subject to return. SNY 2 Feb 85 lot 89	\$7,150	Jaillot, A.H., see N. Sanson	
Another edition, [America maps]. Dutch text. [Amsterdam, 1642] 15 maps, coloured in outline with fully-coloured cartouches etc., bound with coloured title-page (unlettered) and Dutch text (one foremargin of <i>Americae nova Tabula</i> just shaved), mounted on guards, printed list of maps pasted on final leaf, recent half vellum, folio; sold not subject to return. (See Koeman I Bl 28, pp. 143-4). C 16 & 17 Apr 85 lot 105A	£3,456	Coronelli, V. Atlante Veneto. Venice, 1695-7 2 volumes, large folio (18½ × 13½ in.; 470 × 340 mm.). Vol I: 37 maps, 30 plates; Vol II in 2 parts including "Isolario," 41 map sheets and 19 plates; slight staining and soiling. Contemporary sheep; restored. In morocco-backed folding boxes. Phillips 521; Wagner, <i>Cartography of the Northwest Coast of America</i> I, 136; II, 434-5. SNY 2 Feb 85 lot 48	\$13,200	Jansson, J. Accuratissima Orbis Antiqui Delineatio. Amsterdam, 1653 Gr.-Fol. Mit. Portr. und 52 (statt 53) Karten. 2 nn. Bll. Beschäd. Pgtbde. d.Zt. Koeman II, 185, Ja 3. Exemplar ohne den Text von Hornius. Es fehlt Karte Nr. 29 „Insularum Britannicarum“. Die meisten der Karten, teilw. auch mehrf., vorwiegend am Falz eingerissen. Durchgehend leicht, an den Rändern auch stärker gebräunt und wenig braunfleckig. ZK 19-20 Mar 85 lot 21a	DM3565
owen, E. [Maps and Charts to the Modern Part of the Universal History]. London, 1766 Fol. Titel, 1 nn. Bl., 38. Karten. Mod. Hmaroquinbd. Phillips 639 (gibt irrtümlich 39 Karten an). Durchgehend leichte Wassereränder, stellenw. gering stockfl. Einige Karten im Bug unterlegt, sonst gut erhalten. 2K 19-20 Mar 85 lot 12	DM2,300	Cruchley, G. F. Railway and Telegraphic County Atlas of England and Wales. [London, c.1860] Col. maps (42). map of Kent spotted, some closely cropped, contemp. half morocco, worn, folio. Ta 21 Feb 85 lot 41	£440	– Novus Atlas, vol. 4 [British Isles]. Amsterdam, 1647 Gr.-Fol. Mit altkolor. Titel, 55 (statt 56). grenzkolor. Karten mit meist prachtvollen altkolor. Kartuschen und Vign., 5 altkolor. Textkupfern und einigen (9 kolor.) Textholzschnitten. 3 nn. Bll., 452 (es fehlen 2 Bll.: SS. 181-182), 62 SS., 1 nn. Bl. OPgtbd. mit Rvg., goldgepr. Bordüre, Eckstücken und Vign. auf den Deckeln und dreis eit. Goldschnitt (etw. berieb. und bestoßen, Schließbänder fehlen). Koeman II, 491, Me 162. – Vgl. für die lateinische Ausg.: Phillips 2894. – Die deutsche Ausgabe, Titel gestempelt, am unteren Rand mit kleiner Rasurstelle (geringer Buchstabenverlust), etw. angestaubt und fingerfleckig. Karte Nr. 3 am Bug etw. aufgeplatzt. Es fehlen die 2 Bll. mit der Karte Nr. 13 (Cornubia sive Cornvallis). Karte Nr. 39 alt aufgezo gen. Karte Nr. 45 (Cumberland & Westmorland) mit größerer Fehlstelle an der linken oberen Ecke (mit Bild- und Textverlust neu angerändert). Durchgehend leicht gebräunt, mit einzelnen Feuchtigkeitsspuren, etw. braun- und fingerfl., sonst breitrandig und gut erhalten. ZK 19-20 Mar 85 lot 15	DM17,825
render à Brandis, G. Nieuwe . . . Zak- en Reis-Atlas. Amsterdam, 1788 46 maps col. in outline, 2 col. tables of distances & col. plt. depict. flags (sl. soiled & stained). Hfcalf (recovered, loosening; traces of use) – Koeman I, 51. VG 12 Mar 85 lot 312	fl1,560	Dunn, S. A New Atlas of the Mundane System. London, 1778 6 charts, 42 maps coloured in outline (a few leaves spotted), contemporary half calf (worn, covers detached), folio. C 16 & 17 Apr 85 lot 18	£518	Keere, P. van den. La Germanie Inférieure. Amsterdam, 1621 Folio, Reliure plein veau, dos orné (Rel. 18° s.) 25 cartes. Le présent exemplaire en langue française est en parfait état et bien complet (le titre français qui devait être collé	
amden, W. Britannia [Morden maps]. London, 1722 2 vols., port., 10 plates, 44 (of 51) maps, a few slightly		Ferretti, F. [Diporti notturni, Dialoghi familiari. Ancona, 1580] Lacks title-page, engraving of a sphere on p.44 and of military formations on p.56, folding plate of similar battle formations at end, 28 maps of European islands, a few outer upper corners dampstained, contemporary Italian limp vellum, gilt border on sides, emblem of the Jesuit Order on upper and arms of the Buoncompagni family on lower cover, spine gilt, ties missing [Nordenskiöld collection Cat I, p.156 no. 73; Nat. Maritime Museum Cat. III, no. 38; Shirley, pt. II, no. 124], 8vo. S 2 & 3 Apr 85 lot 42	£550		

sur le titre grave latin se trouve placé en frontispice séparé.
(Rel. Koeman-Kee 3)
M 9 Feb 85 lot 3

BFr1,270,500

Kitchin, T. A General Atlas. London, 1795

Title, 25 maps on 37 mapsheets neatly coloured in outline, one or two minor marginal tears or slight dust-soiling, small library stamps on title and on verso of some mapsheets, contemporary boards, defective [Phillips, *Atlases 3529*], folio (540 by 395mm.)
S 5 & 19 Feb 85 lot 1

£1100

Krusenstern, A. I. Atlas de l'Océan Pacifique. St. Petersburg, 1824

Large folio (about 26½ by 20½ inches), original boards, some external soiling, defects affecting backstrip, joints and edges; contents generally fine, with occasional blank marginal spotting or soiling, one tear repaired just touching engraved margin. A fine atlas. Title-page, dedication leaf, and 15 maps. We have not been able to discover any direct reference to this edition. It appears to be a fore-runner of the larger atlas described by Phillips (*A List of Geographical Atlases in the Library of Congress, 1909*) at his #3242. The captions of the maps in our copy are similar or identical to those of the first 15 maps in his later atlas, where the maps have been corrected through to 1838. In the present copy the maps, like the title-page, are all dated 1824. The five excellent maps of direct Australian interest, and the one of New Zealand, are noted by Tooley (*The Mapping of Australia, 1979*) as his # 819, #821, #823, #825, #829 and #827. The remaining 10 plates carry maps, sometimes printed two to a page, of islands and island groups in the South Pacific
H 14 Nov 84 lot 293

A\$7000

Laet, J. de. Nieuwe Wereldt . . . van West-Indien. Leiden, 1625

FIRST EDITION, title, 10 maps (one with small tear to lower centre fold), black letter, browning, vellum, folio.
P 24 Jan 85 lot 14

£1,595

Le Rouge, G. L. Atlas Nouveau Portatif. Paris, 1748

[Printed title: Introduction a la Geographie], title, 3 plates of globes, plate of ensigns, plan of Paris, 82 (only, of 86) maps coloured in outline (small stain on map 52), contemporary calf (rubbed, slight worming at foot of joint), sm. 4to.
C 16 & 17 Apr 85 lot 39

£648

Levasseur, V. [Atlas National Illustré. Paris, 1838]

92 mapsheets, neatly coloured in outline, lacking title, a few sheets detached or frayed, disbound, folio.
S 5 & 19 Feb 85 lot 108

£352

Luyts, J. Introductio ad Geographiam Novam et Veterem . . . item Chartae LXX Sansonis. Utrecht, 1692

Kl.-4°. Titel und 66. Karten. 14 nn. Bll., 764 SS., 12 nn. Bll. Schweinsldrbd. d. Zt. mit Blndpr. (Schließbänder fehlen). Koeman II, 125. Phillips 511. Sabin 42743. Einige Textbl. gering fleckig, SS. 761 – 764 mit kleinem Eckausrf. Titel mit ss. Besitzvermerk. Die Karten tadellos erhalten.
ZK 19-20 Mar 85 lot 21

DM4140

Martin, R. M., see J. & F. Tallis

Mela, P. [De Orbis Situ, Libri III. Basel, Petri, 1576]

Kl.-8°. 33 Karten, 14 (statt 16: Titel fehlt und 1 weißes Bl.) nn. Bll., 398 SS. (SS. 143/144 weiß). Pgtbd. d. Zt. (mit restaurierter Fehlstelle, Schließbänder fehlen). Adams, M 1063. Ebert 13623. – Druckvariante gegenüber der Ausgabe bei Adams, die nur 365 SS. besitzt. Die SS. 366-398 unserer Ausgabe enthalten Anmerkungen zu Sohnius. Es fehlt der Titel und das weiße Bl. as. – 1 Bl. mit kleinem Randausriß, sonst kaum fleckiges gutes Exemplar.
ZK 19-20 Mar 85 lot 22

DM1610

Mercator-Hondius. Atlas. Amsterdam, 1607

5 parts in one volume, large folio (19 × 11¼ in.: 470 × 295 mm.). Title, 4 section titles, preliminary and index leaves including blank, 146 maps, richly colored; slight browning and staining, one map (Helvetia, 59) split at fold, a few minor repairs. Contemporary gilt stamped and tooled vellum; skillfully rebaked with spine laid down. In half green morocco slip case. Phillips 422; Koeman Mc 16, pp 307-10 with variant imprint. See also Mc 17
SNY 2 Feb 85 lot 60

\$23,100

– Another edition. Amsterdam, 1613

5 parts in one volume, folio (18 × 10½ in.: 450 × 264 mm.). Title, 4 section titles, portrait of Mercator and Hondius, 150 maps, fully colored and occasionally heightened in gilt; some browning, staining and slight soiling. Contemporary blind panelled vellum with central fleuron; rubbed, rebaked. A fine copy. Koeman II, Mc 23A, pp 322-325.
SNY 2 Feb 85 lot 61

\$13,200

– Another edition. Amsterdam, 1619

Folio. Reliure vélin orné d'époque, Edition en l'agune française. Le titre général et les titres intermédiaires de cette édition sont en latin, 156 cartes. Bon exemplaire à l'exception de qq. plures et une trace de trous de vers dans la marge d'une dizaine de cartes. Reliure lég. usures. (Conforme a Koeman, Mc 26A)
M 9 Feb 85 lot 2

BFr 1,452,000

Folio (10½ × 7 in.: 277 × 178 mm.). Frontispiece with 1637 second edytion" imprint, letterpress, "meaning of the

frontispiece" signed "M.S." woodcut diagrams in text, 183 maps including the rare 1636 map of Virginia by Ralph Hall. Frontispiece and "meaning of frontispiece" leaf with small marginal worming, corner restored to "meaning" leaf. 1 leaf with corner loss and 1 leaf with marginal tear, neither affecting text, a very few page numerals or running heads shaved, about 18 maps slightly trimmed. Smith's map trimmed into engraving on all sides, some maps offset to text. Eighteenth-century sprinkled calf; expertly rebaked with original gilt spine laid down. First English edition, second issue. Edited and expanded by Jodocus Hondius. At the time of publication, the publishers stated in the errata that "there is no Map for Virginia". A duplicate copy of the map of New Spain was impressed in place of the map of Virginia, but this second issue includes the "more exact Map" by Ralph Hall as well, and a ninth state of Smith's map of Virginia from his *Generall History* (1623; see Sabin 82823), incorrectly described by Sabin as a portrait of Smith by S. Pass but present in the JCB copy. JCB II, pp. 257-8; Koeman Mc41A; Phillips, *Atlases* 451; Sabin 47885; STC 17825.
SNY 2 Feb 85 lot 62

\$6600

– Atlas Minor. Amsterdam, [1607]

Oblong 8vo, Title and 150 (of 152) maps, lacking the final two, Egypt pasted over map of Macedonia as called for; title mounted with losses, margins frayed and some repairs throughout, some worming, stained and browned. Old mottled calf; worn. Koeman II, Mc 186. Sold not subject to return.
SNY 2 Feb 85 lot 128

\$990

Moll, H. Atlas Geographicus, vol. 5. London, 1717

21 maps of Australia and the Americas, 3 printed tables, occasional browning, contemporary calf, slightly worn [National Maritime Museum Catalogue 3:396], 8vo.
S 5 & 19 Feb 85 lot 300

£770

– The Geography of England and Wales. London, 1747

3 general maps, 48 county maps (one corner soiled), stitched as issued in original wrappers (corner of lower wrapper torn away), oblong 4to.
C 16 & 17 Apr 85 lot 46

£810

– Scotland Delineated. London, 1745

2 general maps and 31 (only, of 34) county maps (title soiled and frayed), stitched as issued in original wrappers (lacks spine and upper wrapper), oblong 4to.
C 16 & 17 Apr 85 lot 47

£378

– A Set of Fifty New and Correct Maps of England and Wales. London, 1724

Second issue, title, 50 maps, some soiling or dampstaining affecting engraved surface (with occasional slight loss), but fine impressions throughout, contemporary panelled calf, defective [Hodson 173; cf. Chubb CLX], 4to.
S 5 & 19 Feb 85 lot 690

£825

– Another edition. London, [1724]

49 (of 50) maps, neatly coloured in outline, lacking title and first map, some soiling or dampstaining affecting engraved surface, but fine impressions throughout, lacking upper cover [cf. Chubb CLX], oblong folio.
S 5 & 19 Feb 85 lot 691

£770

– The World Described. [London, 1733]

Tall folio (25 × 11 in.: 635 × 280 mm.). 31 maps, colored in outline, and engraved sheet of "Geography Epitomized," with broadside advertisement laid down, with losses, on inner front cover; slight soiling. Contemporary stamped calf; rebaked and restored. In morocco backed folding box.
SNY 2 Feb 85 lot 64

\$7150

Morden, R. The New Description . . . of England and Wales. London, 1701

53 of 55 maps, lacks England and Hampshire, a few margins trimmed, a small hand-col. Hampshire map tipped-in, mod. cl. worn, small 4to. [CHUBB CXXXIV].
P 28 Feb 85 lot 317

£715

Mornas, C.B. de. Atlas Methodique et Elementaire. Paris, 1761-2

4 volumes in-folio. Reliures plein veau, pièces titres rouge, dos orn. tr. rouges. Bel exemplaire. 263 cartes partiellement coloriées, frontispices répétés.
M 9 Feb 85 lot 6

BFr205,700

Ogilby, J. Itinerarium Angliae. [Britannia]. London, 1675

Title, 100 strip maps on guards a few cartouches with some amateur colouring (small flaw at plate frame of map 36, small hole in map 89, a few creases, a few maps browned at fold), contemporary mottled calf (worn, joints cracked), [Chubb cil], folio.
C 16 & 17 Apr 85 lot 49

£3,564

Ortelius, A. Theatrum Orbis Terrarum. Antwerp, 1573

Title, 70 MAPS (title slightly soiled, tear in text leaf h1, minor defects to a few maps as described below), contemporary sheep (head and foot of spine worn, [Koeman Or19], folio. Generally in good condition, the defects mostly without any loss of text age; tear in map 4 (Africa), 8 (England), flaw in centre fold of map 9 (Wales), lower margin of map 11 (Spain) defective, tear repaired in map 24 (Friesland), large tear without loss of text in map 30 (E France).
C 16 & 17 Apr 85 lot 186A

£4,860

– Another edition. Latin text. Antwerp, 1573

Folio (16 × 10½ in.: 410 × 270 mm.). Frontispiece, 70 maps, colored; some browning and slight staining, oxidation of green resulting in repairs to 14 maps, some with losses, worming in final pages of Index skillfully repaired without affecting text, a few other minor repairs. Modern vellum. Koeman III, Ort 12, pp 41-43.
SNY 2 Feb 85 lot 68

\$6,050

– Another edition. Latin text. Antwerp, 1592

3 Tle, in 1 Bd. Fol. Zwischenititeln, zahlr. kolor. Holzschnitt-Initialen und Vign. im Text sowie 129 (statt 134) altkolor. Karten, 10 (statt 12) nn. Bll., 4 nn. Bll., 77 SS., 4 nn. Bll. Späterer Ldrbd. mit goldgepr. Rtit. und reicher, ornamentaler Rvg. (etw. berieb. und bestoben, Deckel mit älteren Ldr.-Bezügen). Koeman III, 53 ff., 27 B. Phillips 396. Schönes Exemplar dieses prachtvollen altkolorierten Kartenwerkes. Es fehlen der gestoch. Titel und das Porträt (Bll. A1 und B6); außerdem 5 Karten: Tl. I, Nr. 98 (Islandia) und 105 (Terra Sancta), Tl. II (Parergon), Nr. 2 (Britannicarum Insularum Vetus), 24 (Abrahami Patriarchae Peregrinatio) und 26 (Tempe). – Einige Karten mit tils. geklebten Einrissen am Rand und im Falz, davon 2 bis weit in den Kartenteil reichend (Nr. 1/1 und 1/22), letztere der beiden Karten hier mit größerer Schabspur im Bildteil (geringer Bildverlust). 2 Textbl. am Anfang unten etw. angedrängt. Einige Karten in Tl. II an der unteren Ecke mit Papierschäden. Durchgehend leicht gebräunt, stellenw. am Anfang im Textteil etw. wasserrandig und angeschmutzt; Karten am Rand tils. braun- und fingerfl., sonst gut erhalten.
ZK 19-20 Mar 85 lot 24

DM67,450

– Another edition. Latin text. Antwerp, 1601

Folio. Reliure veau époque usagee. Dernière édition de l'atlas publié par l'imprimerie Plantinienne contenant 152 cartes en beau coloris d'époque. Manque la carte (69) de Suisse, (Variante bibliogr. de Koeman ORT. 33). Oq. déchirures ou traces d'usure sans gravité sinon exemplaire intérieurement bien conservé.
M 9 Feb 85 lot 1

BFr2,057,000

– Another edition. Latin text. Antwerp, 1624

Gr.-Fol. Mit. Titel, 39 Karten und 5 Kupfertafeln, 13 nn. Bll., 32 SS., 2 nn. Bll. Schweinsldrbd. von 1628 auf Holzdeckeln mit reicher Blindpr. und goldgepr. Vign. auf den Deckeln (etw. fleckig, berieb. und bestoben, Schließbänder fehlen). Phillips 49. Koeman III, 69 f., Ort 46. Fliegende Vorsätze etw. beschädigt. Titel oben mit Randausschnitt. Einzelne Tafeln im Bug gering eingerissen, durchgehend leicht gebräunt, wenig braunfl., sonst gut erhalten. – Dazu: I. Principatus Anhalinus et Magdeburgensis Archiepiscopatus. II. Moravia Marchionatus. Auctore I. A. Comenio. – 2 etw. beschäd. Kupferstichkarten.
ZK 19-20 Mar 85 lot 24b

DM8050

– Epitome. Italian text. Antwerp, 1593

[Koeman III; Ort 55]. 106 maps, light browning, some upper margins lightly wormed affecting a few characters, contemporary vellum, stained.
Cs 25 Jan 85 lot 98

£800

Owen, J. & E. Bowen. Britannia Depicta. London, 1749

4to, [Chubb CLIIIa], title, cleanly torn and 273 road maps, one upper margin cleanly torn with loss, contemporary half-calf, rubbed.
Cs 25 Jan 85 lot 97

£480

Pilote des Isles Britanniques. [Paris, Dépôt générale de la Marine, 1792-1803]

32 charts mounted on guards, (one small tear in blank margin; 2 charts with small wormholes in blank margins), contemporary tree calf gilt (rubbed; spine torn), [cf. Maritime Museum Catalogue 252], large folio (650 × 470mm.); sold as an atlas, not subject to return.
C 16 & 17 Apr 85 lot 199

£2,160

Ptolemy, C. Geographia [ed. Sylvanus]. Venice, Pentius, 1511

Tall folio (17 × 11½ in.: 425 × 285 mm. 92 leaves, 28 maps on 30 leaves; dampstain to title, small stain to margin of a few maps, slight soiling, 18th century half calf with mottled boards; rubbed. Phillips 358; Sabin 66477; Harris 68; Nordensköld, *Fascimile atlas*. p.87 and plate XXXIII; Essling III, 213.
SNY 2 Feb 85 lot 71

\$18,700

– Another edition [ed. Magini]. Venice, Galignani, 1598-7

Two parts in one vol., 4to, title vignettes and 63 maps, stained throughout, title lightly soiled, later half-vellum; sold not subject to return.
Cs 25 Jan 85 lot 232

£600

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

Title, 30 maps, one laid down, orig. vellum soiled.
P 24 Jan 85 lot 334A

£462

– Another edition [ed. Mercator]. Amsterdam, Wetstenois & Smith, 1730

Title, additional allegorical title, half-title, and 28 maps of the ancient world, contemporary boards (rebaked with calf; corners and edges rubbed), [Koeman II, Mc8], folio.
C 16 & 17 Apr 85 lot 204

£864

Quad. M. Enchiridion Cosmographicum. Cologne, 1599

Kl.-4°. Mit Titelvign. in Holzschnitt, 4 Textholzschnitten

und 5 Karten. 6 nn Bll., 266 (recte 258) SS., 3 nn. Bll. Ldrbd. d. 18. Jhdts. mit reicher Rvg. und Rsch. Erste Ausgabe dieser schönen, äußerst seltenen Erdbeschreibung. BM. German Books, 720. Merlo 695, 6. Sabin 66890. Paginierung ungenau. Stellenw. gering fleckig und durchgehend leicht gebräunt. ZK 19-20 Mar 85 lot 27

DM2300

eilly, F.J.I., N. Schauptatz der Funf Theile der Welt. Vienna, 1789-91
Tle. I und II von 3 in 3 Bdn. Ou.-Fol. Mit zus. 4 Titeln, 516 flächen- und grenzkolor. Kupferstichkarten und 41 Kupfertafeln mit je 11 Wappendarstellungen. 2; 2 nn. Bll. Hptgdbd. d. Zt. (etw. berieb., beschabt und bestoßen, unfriedl.). Phillips 2845. Ohne Frankreich, die Niederlande, Spanien und Portugal, Asien, Afrika und Amerika. Exemplar mit den häufig fehlenden Wappenkupfern. – Stellenw. etw. wasserrandig. leicht gebräunt und etw. braunfl., sonst jedoch gut erhaltenes, meist breitrandiges und frisches Exemplar. ZK 19-20 Mar 85 lot 27a

DM28,750

ennell, J. A Bengal Atlas. London, 1781
Atlas vol. only, engraved key, 20 maps (10 hand-coloured in outline), 2 views on one leaf (title and a few maps lightly spotted), contemporary half calf (worn, joints cracked), folio.
C 16 & 17 Apr 85 lot 52

£378

iedl, A. von. Strom Atlas von Baiern. Munich, 1806
Gr.-Fol. Mit Titel, gestoch. Wuidmungsbl., 23 Karten und 2. Aquatintatafeln in Sepia. Hldrbd. d. Zt. (beschabt und bestoßen, Rücken stellenw. beschädigt); Orig.-Umschl. eingeb. Lentner 4128 (unvollständig); „Selten!“ (ADB XXVIII, 536). 5 Karten leicht wasserrandig, sonst schönes Exemplar. – Von größter Seltenheit ZK 19-20 Mar 85 lot 6

DM16,100

obert de Vaugondy, G. & D. Atlas Universel. Paris, 1757
Title, 5 pp. printed list of subscribers and 108 maps, coloured in outline with title cartouches (title and advertisement leaf detached and frayed at edges; world map torn and stained; occasional spotting; upper outer corner of some text leaves gnawed away), old half morocco (rubbed and worn), large folio, (545 × 385mm.).
C 16 & 17 Apr 85 lot 216

£1,512

Another edition. Paris, 1757-[58]
Folio (22 × 15½ in.; 555 × 431 mm.). Title and 108 maps, colored in outline; title extended at inner margin, a few maps lightly browned. Nineteenth-century diedrussia, covers with elaborate rolled borders and arms of the Earls Brownlow, spine gilt; rebaked with original spine laid down, Provenance: the Earls Brownlow of Belton House, with Belton House bookplate; earlier armorial bookplate of Sir John Cust, Bart., speaker of the House of Commons and father of the 1st Earl Brownlow.
SNY 2 Feb 85 lot 135

\$3300

Nouvel Atlas Portatif. Paris, 1790
Title, 53 maps col. in outline, slight folding and few maps with tears to centre fold, some light foxing, hf cf worn, 4to.
P 24 Jan 85 lot 340

£484

anson, N. [Atlas]. Rome, Rossi, [maps dated 1680-97]
35 maps, coloured in outline, (the world dust-soiled; Europe torn, Ireland bound inverted; occasional marginal dampstains, one map with small hole), contemporary limp vellum (stained and worn), large folio.
C 16 & 17 Apr 85 lot 85

£3,392

Methode pour Etudier la Géographie. Amsterdam, 1718
4 Bde. Kl.-8°. Mit Titel und 18. Karten. Ldrbdc. d. Zt. mit Rvg. und 2 Rsch. (Ecken stärker bestoßen, Gelenke teilw. gebrochen). Vgl. Barbier III, 293. Titel etw. fleckig, sonst gutes Exemplar. ZK 19-20 Mar 85 lot 29

DM1,725

anson, N., N. Bailleul & others. [Atlas of the World, c.1750]
20 col. maps, slight stains, orig. vellum-bkd boards, folio
P 24 Jan 85 lot 332

£1,078

anson, N. & W. Berry. [General Atlas. London, 1680]
No title or text, 32 col. maps, hf cf covers detached, folio
P 24 Jan 85 lot 334B

£2,640

anson, N. & A. H. Jaillot. Atlas Nouveau. Paris, 1692-3
2 vols., titles, contents leaf in each vol. (without the printed tables of contents), printed title in vol. I only, and 99 maps, accompanied by numerous engraved tables (without the town plans and views and lacking several maps; some discolouration, one map torn!); bound with: LE NEPTUNE FRANCOIS, title, allegorical frontispiece, 3 plates of ships and 29 charts. Paris, H. Jaillot, 1693; bound with: CARTES MARINES A L'USAGE DES ARMEES DU ROY DE LA GRANDE BRETAGNE, title, frontispiece and 9 charts, Amsterdam, chez Pierre Mortier, 1693; 3 works in 2 vols., ms. indexes at end of each vol., contemporary mottled calf, spines decorated with gilt armillary spheres in 9 compartiments, (slightly rubbed, head of spine of vol. I torn, lower joint cracked) [cf. N.M.M. Cat. 274; 238].
C 16 & 17 Apr 85 lot 84

£8,100

axton, C. An Atlas of England and Wales. Facsimile, 1979
FACSIMILE OF THE ORIGINAL 1579 EDITION, one of 500 signed copies in commemoration of the 400th

anniversary of the publication", coloured double-page facsimile maps, calf-backed buckram in slipcase, folio.
C 16 & 17 Apr 85 lot 224

£378

Sepp, J.C. Nederlandsche Reis- en Zak-Atlas. Amsterdam, 1773
74 col. maps of the United Prov. (incl. 9 of parts of Germany), Mod. hf calf 8vo obl. – Koeman Sepp I. VG 12 Mar 85 lot 379

fl.1680

Seutter, M. Atlas. Augsburg, 1749-56
2 volumes in-folio oblong. Cart. us. Exceptionnel ensemble de quatre cents planches géographiques non pliées. Ces importants recueils (publiés sans titre) se composent non seulement de cartes géographiques, mais aussi de planches relatives aux sciences connexes tel que la carte céleste, l'art de la guerre, les drapeaux, les cartes héraldiques, etc. Toutes les cartes sont rehaussées en coloris d'époque. A l'exception d'une réparation ancienne à une vingtaine de planches avec très légère perte à deux cartes les planches sont en parfait état avec la particularité de ne pas être pliées.
M 9 Feb 85 lot 5

BFr3,630,000

Seutter, M. [Atlas Minor. Augsburg, c.1734]
Oblong 8vo folded to 4to and rebound, 41 maps only, colored and mounted, index supplied in manuscript; slight browning. Contemporary gilt calf; rebacked. Sold as a collection of maps not subject to return.
SNY 2 Feb 85 lot 142

\$990

– Another edition. Augsburg, [c.1744]
Oblong 8vo. Title and 64 maps as called for, colored; some browning, soiling and margins frayed, traces of foxing. Contemporary limp calf; very rubbed.
SNY 2 Feb 85 lot 143

\$935

– Atlas Novus. Vienna, 1730
Coloured dedication and 53 COLOURED maps with coloured wash borders, interleaved with alphabetical tables (title, dedication and prelims, stained and torn; ownership stamp on title and verso of maps; 3 maps slightly defective, 14 torn; occasional dampstains; Africa bound inverted; Switzerland inkstained), old calf-backed boards (rubbed and worn), folio.
C 16 & 17 Apr 85 lot 86

£3,456

Smith, W. A Delincation of the Strata of England and Wales, with Part of Scotland. London, 1815
General map and fifteen col. map sheets, contemp. qtr. morocco gilt, a little worn at top and bottom of spine, tall folio. Printing and the Mind of Man, 274.
fa 21 Feb 85 lot 44

£1,900

Society for the Diffusion of Useful Knowledge [S.D.U.K.] [Atlas. London, 1830-44]
123 map sheets neatly coloured, occasional light soiling, modern half morocco, folio.
S 5 & 19 Feb 85 lot 6

£352

Speed, J. The Theatre of the Empire of Great Britaine. London, 1614
SECOND EDITION, 4 parts in one vol., title, engraved or woodcut royal arms in each part and 67 maps, TITLE, ROYAL ARMS AND ALL MAPS COLOURED BY HAND IN A CONTEMPORARY STYLE (a few small marginal tears neatly repaired; one or two corners frayed), seventeenth century gilt panelled calf with gilt stamped armorial device on sides (rebaked preserving old spine), bookplates of Castle Ashby Library and George, Earl of Northampton, [Chubb xxiv], folio.
C 16 & 17 Apr 85 lot 232

£10,360

– The Theatre of the Empire of Great-Britaine. Together with a Prospect. London, 1676
Five parts in one vol., title, printed title frontispiece with the arms of Charles II and 96 maps and 5 tables of roads, all mounted on guards, maps, (tear in 'Britain' repaired with sellotape; first 3 maps with vertical creases; Surrey with small stain; France just shaved, occasional small tears at base of fold or in lower margins, some repaired; Suffolk and North Riding of Yorkshire very slightly defective; world map on thicker paper), old reversed panelled calf (rebaked) [Chubb xxvii], folio.
C 16 & 17 Apr 85 lot 233

£14,580

– Another copy
5 parts in 1 vol., front, and engr. title laid down, 96 maps and 5 road tables, 30 with tears and wear to centre folds, all repairable with no loss of text, 2 maps with small holes, map of Bermuda with 2 margins partly trimmed, hf cf worn, folio.
P 24 Jan 85 lot 334

£12,100

Tallis, J. & F. Illustrated Atlas. London and New York, 1851
Folio. Frontispiece and title and 83 maps colored in outline; foxing, some soiling and staining. Original decorated cloth boards; worn.
SNY 2 Feb 85 lot 126

\$935

Visscher, C.J. & N. [Composite Atlas]. Amsterdam, 1650-c.77
73 maps, incl. 39 maps by C.J. Visscher and N. Visscher I & II (18 from 'Kaertboek van de XVII Nederl.'), 20 by J. Janssonius, 8 without address (probably by Janssonius), 6 by E. de Wit. All in careful contemp. handcolouring, partly

full, partly outline, the cartouches, arms, costumes, ills. of towns fully coloured. Blindst. calf (rebaked, sl. dam.) large fol. – With handcol. title & table of contents (see Koeman Vis 9). Several maps split in lower fold, a few tears, a few holes, some innermargins worn & slightly dam.; some blank lower margins waterst., some browning – In all very well preserved.
VG 12 Mar 85 lot 310

fl32,400

Visscher, N. Variæ Tabulae Geographicae. Amsterdam, [after 1705]
Title lettered 'Atlas Minor', printed title and 37 maps, (one map with small holes repaired, one remargined, a few other marginal repairs; heavy ink numerals on verso showing through on map surface), [cf Koeman III, Vis 29 calling for 40 maps, of which 34 are present here, plus 3 others not called for], bound with: SCHENK (PETRUS): SCHOUWBURG VAN DEN OORLOG BEGINNENDE VAN KONING, titles and 12 plates printed in bistre (only, of 15), [Koeman III, Sche 8], Amsterdam, 1707; 2 works in one vol., contemporary half calf (rubbed), folio.
C 16 & 17 Apr 85 lot 87

£1,728

Vrients, J.B. Germania Inferior. Antwerp, 1603
Fol. Mit 19 altkolor. Karten. 1 nn. Bl. (Titel). Mod. Ldrbd. Erste Ausgabe mit dem seltenen Titelblatt mit hs. Numerierung der Karten und hs. Ergänzung „Limborch“. Koeman III, 187, Vri I (dat. fälschlich 1602). Die Karten mit je 2 weiteren Faltstellen durch ehemalige Verwendung als Reiseatlās: diese glättet und rückseitig sauber verstärkt. – Titel angstaubt, 1 Karte mit kleinem, bis knapp an die Einfassungslinie reichendem Ausriß, 2 Karten mit je 1 minimalen Fehlstelle in der Darstellung und eine weitere mit rückseitig dünnen Papierstellen durch Entfernen des Falzes. Im Ganzen schönes Exemplar in prächtigem Altkolorit. Kein Exemplar im Jahrbuch der Auktionspreise seit 1950.
ZK 19-20 Mar 85 lot 7

DM21,275

Waghenaer, L. J. The Mariners Mirrour. [London, 1580?] 2 parts in one volume folio (16¼ × 11½ in., 413 × 290 and 16¼ × 10½ in.; 413 × 277 mm). Ff. [2], pp. [44], bifolia 22; f. [1], bifolia xxiii. titles, full-page arms, 3 engravings (one with volvelle and overlying scale), and 45 maps; dampstained, frayed, scattered light stains and smudges, about 5 maps with corners lost and artlessly restored, map i remargined with some loss, map iii dust-soiled, map xxii mildewed, few creases, other small defects. Half calf gilt, old boards (somewhat worn). Quarter morocco folding-case. First English edition. Phillips 3981; Koeman IV 497-501 (Wag 14); BM XIV 938; Wroth, The Way of a Ship (1937) 39-42; STC 24931.
SNY 2 Feb 85 lot 149

\$17,600

Weekly Dispatch Atlas, The. [Atlas]. London, 1863
2 vol., 270 map sheets (including some town plans), most coloured in outline, contemporary half morocco, marked, slightly rubbed, folio.
S 5 & 19 Feb 85 lot 10

£385

Wit, F. de. Atlas. Amsterdam, [c.1660]
Folio, Vclm moderne. Septante cartes géographiques en coloris ancien: Les 27 cartes suivant le feuillet d'index de l'Atlas original à l'exception de la carte d'Allemagne remplacée par une carte de la même époque par N. Visscher. Les autres cartes sont également de De Wit et d'autres géographes.
M 9 Feb 85 lot 4

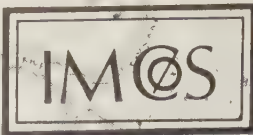
BFr665,500

– Germania Inferior. Amsterdam, [1690?]
Gr.-Fol. Mit. altkolor. Titel und 34 grenzkolor. Karten mit zahlr. altkolor. Kartuschen. (Ohne den Textteil). Mod. Schweinsldrbd. mit goldgepr. Rtit. und Schwarzpr. auf Rücken und Deckeln, sign.: „Theodor G. Perou, Aachen“ (Vordergelenk oben und unten etw. angebrochen) in etw. beschäd. Pp.-Schuber. Koeman III, 207, Wit 25 (nennt nur 25 Karten). Das schöne, altkolorierte Exemplar des de Wit-Atlases von den Niederlanden enthält die bei Koeman verzeichneten Karten 1-23 (dort ohne die Karten 24 und 25: Nova totius Westphaliae Carta nova accurata del passagio . . .). Zusätzlich eingebunden sind 11 weitere Karten, bezeichnet: 1. Ducatus Geldriae Tetrachia Arnheimensis sive Velavia. 2. Tetrachia ducatus Geldriae Ncomagensis. 3. Tetrachia ducatus Geldriae Ruremondana sive Hispania. 4. Flandriae partes duae. 5. Pars Flandriae orientalis. 6. Pars Flandriae occidentalis. 7. Flandria Gallica. 8. Brabantiae pars septentrionalis. 9. Brabantiae pars orientalis. 10. Pars meridionalis Brabantiae. 11. Quartae pars Brabantiae. – Durchgehend leicht gebräunt, stellenw. etw. braun- und fingerfl., sonst gut erhalten.
ZK 19-20 Mar 85 lot 8

DM10,350

Wytfliet, C. Descriptionis Ptolemaicae Augmentum. Douai, 1603
Fol. Mit. Titel und 19 Karten. 2 nn. Bll. (ohne das letzte weiße Bl.). 191 SS. Pgtbd. d. Zt. mit Blindpr. (etw. fleckig, berieb. und bestoßen, Rücken etw. lädiert). Dritte Ausgabe. Titelaufgabe mit neuem gestochenen Titel der Ausg. von 1597 und 1598. – Sabin 105698, Phillips 1142. Leclerc 614, Muller 1809. Borba de Moraes II, 381. Titel mit Phs. Besitzvermerk. 1 Karte mit sorgfältig restauriertem Einriß. Durchgehend etw. gebräunt, sonst nur gering fleckig und gut erhalten. Es fehlt, wie meist, das dem Vorwort folgende weiße Blatt. Die Karten in guten Abdrucken
ZK 19-20 Mar 85 lot 2

DM18,975



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ITALY – De Fer, c.1740, 176 × 107 Very large
and detailed of the area of Rimini, Nice, Lake
Geneva, Friuli; early outline colour. In the
margins and marked neatly on the map are the
positions and identities of the military events of
145-7. £110
ALTA – Morden, 1693, 13 × 11. From
"Geography Rectified". £35
YUGOSLAVIA – Carli, 1788, 31 × 23. Ornate
cartouche; early outline colour. £22
MAR – Anon, c.1574, 20½ × 15. From the
Ramucio/Bertelli series of maps; dated (1571)
the unsigned plan of this town and its
surroundings in Montenegro. £60

GREECE – Keere, c.1646, 12½ × 8½. The
so-called 'miniature Speed' map; strong dark
impression. £30
CRETE – Langenes/Bertius, 1599, 12½ ×
8½. Very probably engraved by Van den
Keere; ship and sea-monster. £38
OTTOMAN EMPIRE – Kiepert, 1884. Folding
index map 56 × 33 and the map itself 160 ×
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24. Interesting map of S. Russia in early
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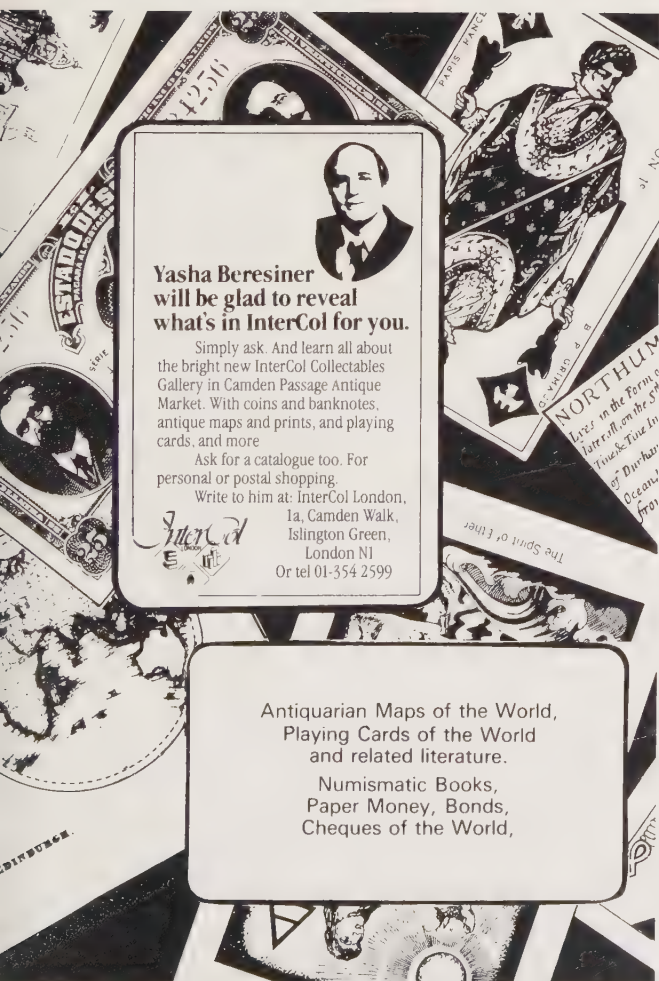
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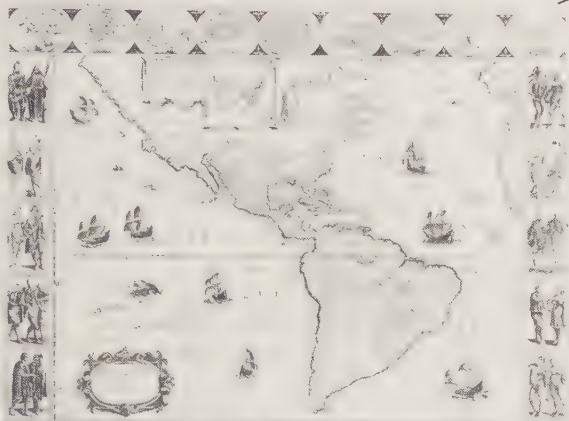


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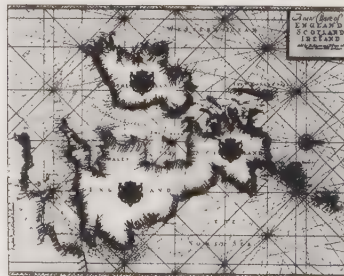
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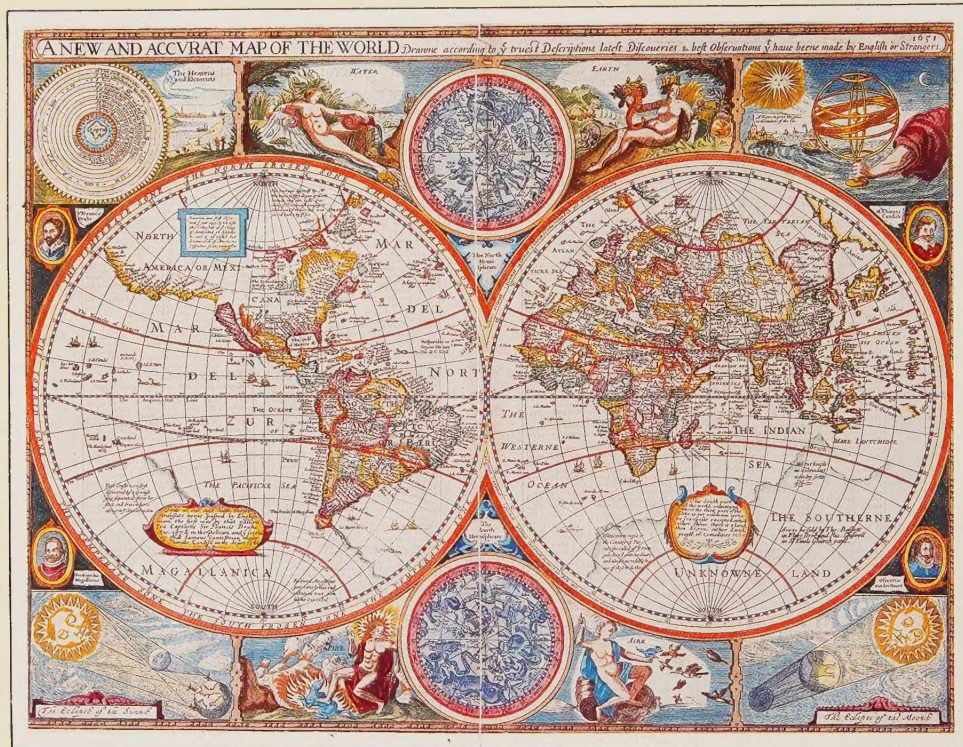
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