

Extraordinarily rare three part Spanish foundation map of the New World in Medina, 1548.
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**RARE AND IMPORTANT MAPS OF THE
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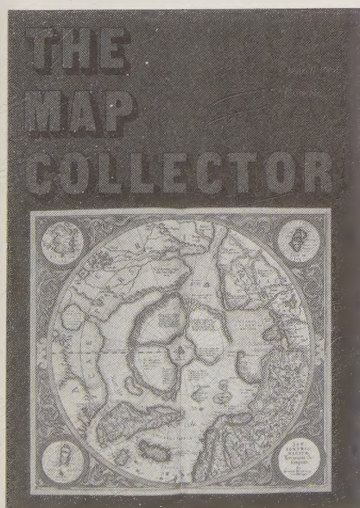
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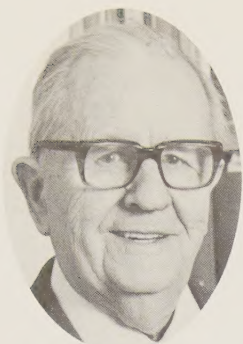
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Cover illustration: The imaginary island of Frisland appears twice in Gerhard Mercator's 'Septentrionalium Terrarum description'. It is shown south of Greenland and as a small vignette map. Mercator's map of the Arctic is from a 1619 reissue of his *Atlas*, and was first published in 1595 (By courtesy of the British Library).





Ronald V. Tooley



Valerie G. Scott

Editorial

AN INTERESTING POINT has appeared in the press recently about the dilemma of dealers who, despite being very careful about what they buy, may nevertheless end up with a stolen map or atlas. Naturally the unwritten law seems to be that the dealer concerned reimburses the customer who bought the stolen map for the purchase price and that is the end of the matter.

But what happens if the customer feels that he is entitled to interest because of the time lapse? Just such a case has apparently occurred recently in America and it certainly raises controversial points. In this case six years had elapsed between the collector's purchase and the stolen map being spotted. The map had, of course, gained considerable value in the interim but, even if this had not been the case, a straight refund would have left the customer with less money in real terms because of inflation. The central question seems to be: should the dealer, by index-linking the refund, accept full responsibility for an inadvertent mistake, or should the accidental financial loss be shared? Suppose fifteen years had elapsed before the stolen map was identified? Collectors, dealers and librarians are likely to have differing views on this ticklish subject and we would be interested in hearing them.

We must apologise to our readers in the USA and Canada for the late delivery of the December issue of the magazine. This was due to freight problems and, unfortunately, we were not aware of the delay until too late to inform you. The magazine left our premises at the normal time. We have been assured by the air speed company that this will not recur.

Although we are not usually keen to blow our own trumpet we are rather proud that this issue sees another first for TMC. We are the first to announce in full the discovery of a hitherto unknown state of Guillaume Delisle's map 'L'Amerique Septentrionale.' This map first appeared in a catalogue of former dealer, Walter Reuben, and is now in the collection of Professor Seymour Schwartz of New York who, together with Henry Taliaferro, has written an article describing the map. This information should be of great assistance to map curators and collectors who may have a copy of the state which was originally believed to be the 'first' but has now been replaced by the map just found. TMC was also the first journal to announce a number of other discoveries of unknown or lost maps and atlases: a map of Utopia by Abraham Ortelius, the De Angelis map of Jerusalem, the composite atlas by Gerard Mercator sold at Sotheby's in 1979 and the wall map by Urbano Monti sold there in 1981, the first state of Sanson's North America map, the original copper plate bearing part of a rejected earlier version of Saxton's wall map of England and Wales, and, most recently, a 1658 world map by Dancker Danckerts, found in a Dutch bible. We hope you will let us know about further discoveries in the future.

Ronald V. Tooley *Valerie G. Scott*

A Newly Foundation Map

By Seymour I. Schwartz
and Henry Taliaferro

This article chronicles an exciting cartographic find – a map that has escaped notice for almost three centuries. Recently, an American dealer in rare maps uncovered this document in a private collection in Austria. Its emergence has dramatically changed the designation of priority regarding a foundation map in the cartography of North America. This map is now in the collection of one of the authors, Seymour I. Schwartz, a Professor of Surgery at Rochester, New York.

THE NEWLY DISCOVERED first state of 'L'Amerique Septentrionale' was extracted from a made-up atlas that bore no title and no table of contents. Most of the maps bound together were late seventeenth and early eighteenth century Dutch productions including the Covens and Mortier issues of Delisle's maps. In addition, the atlas contained the first state of each of the five great Delisle maps of America – 'L'Amerique Septentrionale,' 1700, 'L'Amerique Meridionale,' 1700, 'Carte du Canada ou de la Nouvelle France . . .,' 1703, 'Carte du Mexique et de la Floride . . .,' 1703, and 'Carte de la Louisiane et du Cours du Mississipi,' 1718.

'L'Amerique Septentrionale . . . Par G. DeL'Isle Geographe. A Paris Chez l'Auteur Rue de Canettes . . . 1700,' has been designated 'a foundation map.' It is the first map to revert to a peninsular form for California, and the first printed map to show the Saragossa Sea. However, its main importance lies in the fact that it includes d'Iberville's discoveries and settlements in 1699 and 1700 on the Gulf Coast and the Mississippi delta. Known examples of this map have, until now, been thought of as the first state but this article describes a previously unrecorded map by G. Delisle bearing the same title and imprint, but depicting a more primitive geography related to the lower Mississippi River and the Gulf Coast, which earns it the title of first state, relegating the previously regarded first state to that of second state. With the appearance of the second state, showing significant changes, the first state became an outdated and erroneous representation.



Discovered First State of a 'L'Amerique Septentrionale'

overall view of Guillaume De-
s map 'L'Amerique Septen-
trionale'. This was believed to be
first state until the discovery of
earlier state of the map as
described in this article. At first
since the two maps look identical
on closer examination there
significant differences particu-
larly in the Mississippi River and
Gulf Coast areas where a more
primitive geography is depicted
on the newly discovered map.
(courtesy of The British Lib-
rary)



Portrait of Guillaume Delisle
(1675-1726), the cartographer of
'L'Amerique Septentrionale'.
He worked for the Académie des
Sciences, reformed French
cartography, and became the fore-
most geographer of his age. His
works were reprinted and copied
well over a century. (Portrait
from Map Collectors' Circle)

counting for the fact that its existence had escaped discovery for
more than 280 years.

There are several differences between the two states. The
appearance of geographic representations and new place names
on the second state are indicative of an increased sophistication.
'Lac des Assenipoils' is enlarged when compared to the first state,
and contains several islands. To the east of this lake, at the same
latitude, another large lake appears on the second state. To the
north of this region, south of 'Porte de Nelson,' 'R. de Bourbon'
appears on the second state.

Two small lakes in addition to 'Lac des Tintons' have been
added. A river courses from the latter to the 'Missisipi R.' In this
region, two other named rivers that enter the Mississippi from the
northwest are included in the second state, i.e., 'Sioux de l'Ouest'
and 'Sioux de l'Est.'

'Quivira, habité par les Aïxais,' is present on the first state. On
the second state the word 'Quivira' has been moved to the west,
while the remainder of the inscription is unchanged. 'Fort de
Mascouers,' appears on the second state. North of 'R. des
Aïxais,' an unnamed river enters the Mississippi River from the
west. In this segment of the map, 'R. Ohio ou la Belle R.'
designates a river on the previously unknown first state, while the
name has been deleted from the same delineation of the river on
the second state.

The northeastern quarter of the two issues are identical. There
is only one disparity between the two states in the southeastern
quarter. On the first state the spelling is 'Charleston,' while on the
second state the spelling is 'Charlestowne.' The major refinements
on the second state focus on the Gulf Coast, the course of the
lower portion of the Mississippi River, and the surrounding land.
Examples of the second state published at Rue de Canettes,
and later states with the Quai de l'Horloge imprint have been
identified, and these show traces of the original outline with the

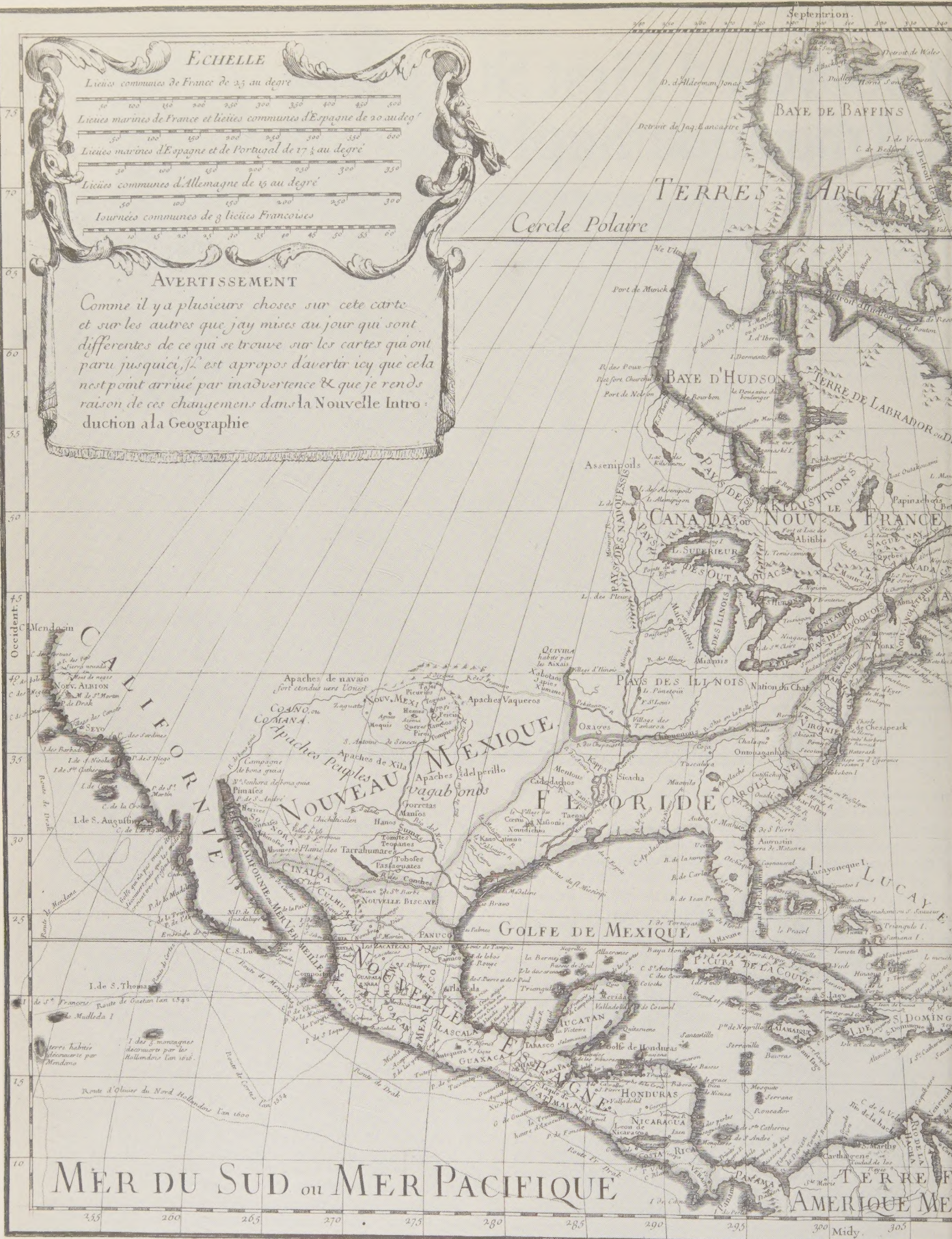
more westerly course of the Mississippi River, and with a stream
flowing into B. du S. Esprit. No other example of the previously
unrecorded first state is available for scrutiny. Response to inquiry
directed to the Library of Congress, the British Library, the
Bibliothèque Nationale, National Map Collection of Canada, Yale
University Library, and the Clements Library at the University of
Michigan has failed to uncover another example of this issue.

The Delisles' Mapping of the Mississippi and Gulf Coast

The four maps and this first state of 'L'Amerique Septentrionale,'
found in a single, made-up atlas, constitute the significant con-
tributions of the Delisle establishment to the mapping of North
America. 'Carte du Mexique et de la Floride' was the last to show
a 'Rivière du St. Esprit' on the eastern part of the Gulf of
Mexico. This was called, 'Apalchicoli ou Hitanichi et R. du St.
Esprit.' The map entitled 'Carte de la Louisiane et du Cours de
Missisipi' is generally considered the first detailed depiction of the
lower Mississippi River and its delta. 'L'Amerique Septentrionale'
and 'L'Amerique Meridionale' stand out as the firm's first pub-
lished maps specifically related to America and their publication
was paralleled by the Delisle terrestrial globe of 1700.² One of
these globes, in the Real Bibliotheca in Madrid, reveals a
geography of the Gulf Coast and lower Mississippi identical to
that depicted on the first issue of 'L'Amerique Septentrionale.'

Guillaume Delisle (1675-1726) followed in the footsteps of his
father, Claude. There is doubt concerning the authorship of the
works produced by them between 1700 and 1703. Both Christian
Sandler³ and Jean Delanglez⁴ present convincing evidence that
although Guillaume certainly collaborated with his father in
making the globe and maps, the true author was Claude. Guil-
laume, in his last published paper, claimed that his father was the
first correctly to position the mouth of the Mississippi River.⁵

Claude is also considered to be the author of 'Lettre de M. De



Lisle à M. Cassini sur l'embouchure de la rivière Mississipi.⁶ In this letter Delisle indicated that on his new map, the estuary of the Mississippi was 5° to the east of the Rio Bravo. This is true of the first state while on the second state, the two rivers are 8° apart. Delisle indicated that he drew the lower Mississippi without a westerly course, as had previous cartographers, and positioned

the mouth where he did, based on calculations from Le Clerc's narratives of La Salle's trip and on Father Louis Hennepin's writing. He said that the location of the mouth of the Mississippi had been established by the voyages of d'Iberville. Delisle indicated he had in his possession a map of the coast which d'Iberville had sent to a friend; he also had copies of two letters that



The left hand portion of the newly discovered map highlighting the main areas in which changes appeared (left) (By courtesy of the author) and the same area (right) on the original first state. (By courtesy of The British Library). Also an outline drawing for easy identification of these areas. Drawn by Ashley Pope)



Iberville had written on the matter. Delisle had also acquired a map of the coast by M. de Chateaumorand. Each of these items claimed that the Mississippi River was about 100 leagues east by northeast of the Rio Bravo. Delisle concluded the letter with a statement that he was looking forward to the report of d'Iberville's second voyage.

The documents relating to 'L'Amerique Septentrionale' are found in the Delisle papers, held in the Archives du Service Hydrographique. In this collection, the earliest document is a manuscript map entitled, 'Carte de la Nouvelle France et des Pays voisins 1696' (Marine 6 JJ 75, pièce 130). On this map the mouth of the Mississippi is located 1° to the east of its position on the first state of 'L'Amerique Septentrionale.' The map is an expression of La Salle's concepts as related in *Le Clercq's Premier établissement de la Foi dans la Nouvelle France* because it specifically identifies the Mississippi River with the Rio Escondido of the Spaniards. The second map in this collection is also a manuscript (untitled), and has been assigned a date of 1700. (Marine 6 JJ 75, pièce 128). On this map the Gulf Coast has been drawn and more closely resembles the first state of 'L'Amerique

Septentrionale.' The 'Escondido' legend at the mouth of the Mississippi River has been removed. The third map in this collection, also assigned to 1700, is a printed, untitled map, with its Mississippi delta 2° west of its position on the first state of 'L'Amerique Septentrionale.'

The mapping of the lower Mississippi River, concentrating on its exit into the Gulf of Mexico and the surrounding coast, intertwines with historical events. La Salle, who completed descent of the Mississippi in 1682, was of the opinion that the river's mouth faced east-southeast, and he therefore placed its latitude at 27° north on the east coast of what is now Texas. He identified the lower Mississippi River with what was known as the Rio Escondido. The Franquelin map of 1684, made under the direction of La Salle himself, Coronelli's 'America Settentrionale' of 1688, and Hennepin's map of 1697 are all based on this concept.

The development of a settlement at Matagorda Bay, as a consequence of La Salle's ill fated quest for the mouth of the Mississippi, had no effect on the cartographic representation of the region. It was the Spanish reaction to this settlement that led to the establishment of the base at Pensacola in 1686. In 1693



Blown up sections of the Gulf Coast (see drawing for position of changes). Above is the newly found map and below what was previously believed to be the first state and is now relegated to second state.



Pensacola Bay was explored and mapped but this had little effect on the French mapping of the Gulf Coast. In 1698 a fort was established on Pensacola Bay.

The changes expressed on both the first and second states of 'L'Amerique Septentrionale' are directly related to the explorations of Pierre le Moynes d'Iberville. He sailed from Brest, in October 1698; on January 25, 1699, he anchored in Mobile Bay and proceeded west to enter the delta. In April, 1699 a settlement was founded at Biloxi and d'Iberville began his return to France May 3, 1699.⁷

On July 4, 1699, Delisle was sent his initial correspondence concerning d'Iberville's first expedition.⁸ In addition, Guillaume Delisle extracted the pertinent data from a letter, 'de la Rochelle du 2 [i.e. 29] Juin 1699 de M^r d'Iberville touchant le R. de Mississippi.⁹ As indicated by the documents filed in the Archives du Service Hydrographique, Delisle also came to possess a copy of d'Iberville's manuscript journal of the voyage and another manuscript, 'par le P. Anastase Recollet' and 'Extrait de quelques lettres de M. d'Iberville (sur le) et de quelques gardes marines sur le même sujet.'¹⁰

It is reasonable to assume that Delisle had digested some of these documents by the end of 1699. If this were the case, he already knew the true position of the delta and mouth of the Mississippi River, and also the information about the existence of Pensacola and Mobile before he completed the engraving and printing of the newly discovered first state of 'L'Amerique Septentrionale' and the production of his globe both bearing the engraved date of 1700. This thesis is strongly reinforced by the comments in Delisle's letter to Cassini.

D'Iberville left France on his second voyage during autumn 1699 and arrived back in Biloxi on December 7, 1699.¹¹ In February or March 1700 he founded a fort on the lower Mississippi River and returned to France in the summer of that year. The second

state of 'L'Amerique Septentrionale' must have been engraved after that time since it shows the recently established fort. In 1702 Delisle began to assign himself the title 'Geographe de l'Academie Royale des Sciences.' This title is not present on the second state, indicating that it was published before 1702.

Delisle most assuredly published a map and globe, both dated 1700, that he knew contained significant inaccuracies, and within a short period he corrected the plate to produce a map that would depict d'Iberville's important discoveries and activities. There appear to be two possible explanations for these actions, one pragmatic and the other political.

The pragmatic interpretation, which we feel is more likely, focuses solely on the cartographer's business activities. Delisle used his 1696 manuscript map and its [1700] manuscript and printed successors as the basis for the engraving of a map of North America. The plate may have been executed prior to receipt of information of d'Iberville's findings. When this information was received in 1699, and in anticipation of additional discoveries of a proposed second voyage, the first state was printed to accompany the globe that had already been produced, and the date 1700 was affixed. The mapmaker would await the return of d'Iberville from his second voyage to eliminate the need for two revisions. The first state would have been pulled in early 1700 and the second state either later that year or in 1701.

Political Implications

The political interpretation focuses on the sensitive relations between Spain and France in 1700. After 1696, the Hapsburg King of Spain, Charles II, became increasingly infirm and finally died in November 1700. In October 1700, he confirmed Louis XIV's grandson as heir to the Spanish Crown. During the months of uncertainty regarding the confirmation, the French policy was one of appeasement. The French government would benefit if the Spanish did not learn of the founding of Louisiana. While Pontchartrain and the French Government were notified of the discovery of the mouth of the Mississippi River in July 1699, it was February 1701 before word of these events reached Madrid and the official admission by the French of the establishment of Louisiana came on March 23, 1701.¹²

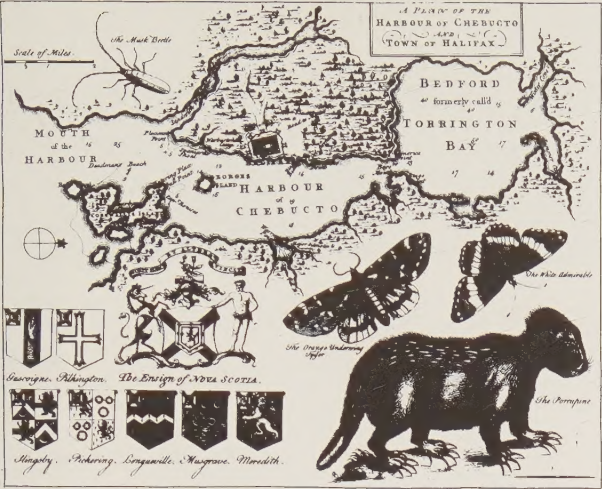
It was clearly advisable that d'Iberville's discoveries should not appear on a printed map during this sensitive time. Perhaps, although Delisle was in possession of information regarding d'Iberville's discoveries in 1699, the political situation, either alone, or in combination with the work of re-engraving, delayed publication of the discoveries until late 1700 or early 1701.

These conjectures may never be resolved, but it is certain that within months of engraving and printing the first state of 'L'Amerique Septentrionale' the plate was altered to show important discoveries that had been known to the cartographer prior to the date on the first state.

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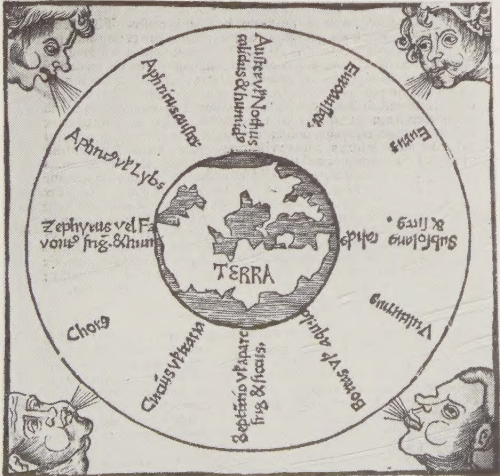
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Bibliographical Notes on Nineteenth Century British Admiralty Charts

by Andrew David and Tony Campbell

In the December issue we included a general introduction to the story of British Admiralty charting by Tony Campbell. Here, he and Lieut-Commander Andrew David, RN of the Hydrographic Department, Ministry of Defence, Taunton plot a careful course through the bibliographical confusion surrounding the engraved charts. Armed with these comments on various aspects of their publication, particularly that of date, collectors and librarians should have a better understanding of the charts already in their possession or of those offered to them.

ADMIRALTY CHARTS OFTEN remain in print for many years after the initial date of publication, which is indicated in the print outside the bottom border. To determine the *actual* date (or the most likely period) of printing, a number of factors have to be taken into account. The notes that follow are intended to help the understanding and dating of Admiralty charts. Except, however, where particular changes can be precisely pinpointed by reference to records in the Hydrographic Department at Taunton, the dates attached to them should be considered as no more than approximate. It is also likely that there were delays in

incorporating some of these innovations onto the numerous copper plates involved.

Many of the dating criteria depend on observed differences to the constantly changing corpus of Admiralty charts. By the end of the nineteenth century this involved some 3,000 sheets, and it is not surprising that the herculean labour of making a systematic examination of all the widely scattered surviving charts remains to be attempted. Corrections and additions to these notes will be welcomed.

1 Dalrymple

Alexander Dalrymple issued what was probably the first Admiralty chart in November 1800. However, since he retained his earlier position as Hydrographer to the East India Company, and continued to publish charts in that capacity until 10 August 1807, the date of his last known East India Company chart, it is important to be able to distinguish between his Admiralty and East India Company charts. The matter is further complicated by the fact that after Dalrymple's death in 1808 the Admiralty acquired a large number of the copper plates of his East India

charts. It used to be thought that the first Admiralty chart was issued in May 1801. The recent discovery of this sheet, however, pushes back the beginning of Admiralty chart publishing to at least November of the preceding year. Admiralty charts issued up to the end of Alexander Dalrymple's tenure as Hydrographer to the Admiralty in 1808 look very much like the charts which Dalrymple published at the same time in his capacity as Hydrographer to the East India Company, and the two can easily be confused. This chart depicts Houat Island in Quiberon Bay, off the south coast of Brittany (By courtesy of Lieutenant Commander Andrew David RN).

HOUAT ISLAND

BY
Thomas Moore, Master of His Majesty's Ship Diamond.

At the NW End of the Island Houat lie several Rocks, above low water. In the narrow Passage, made by the small Rock C on the South Side, and the large Rock B to the North, there is a dangerous shoal. Rock D, bearing N½W from A one cable-length, and SE from B 2 or 3 cable-lengths. Rock H, His Majesty's Ship Diamond wrecked, it is steep on all sides with 6 and 7 fathoms close to it all round, and 2 fathoms on the N side; it is so small that you cannot strike it a second time at low water, unless at low water. In passing through this narrow Passage keep nearer than mid-channel to B.

At the SW End of the Island Houat a Shoal-breadth open to the Northward of the Rock E. The Rock E, just in sight to the Northward of C, and the small Rock F, which lies one cable-length to the Southward of A, just in sight to the Westward of B. There are no marks on shore, there being no remarkable objects on the Island. There is from 10 to 12 fathoms, in the Passage Northward of D, and in the Passage to the South of D, from 12 to 15 fathoms. The Tide runs 4 knots in the Passage. Flood Ebb West.

After you are within this Passage you may go by the lead and sound in 9, 10, or 11 fathoms, near the middle of the Island, the Ebb Rock G bearing SE, or SE½E, and the Town . . . S or SE.

There are now Shoals in this Road, the Wethermouth with only 10 fathoms on it at low water.

At the SW End of the Island Houat, there is a large High Rock H, lying at the back of a high beach, at the East end of the Island, open to that end of the Island.

The large Hoyle in the Passage, just open of a pointed cliff at the NW End.

The other Shoal lies well to the Eastward of the Road, with 10 fathoms at low water, spring tides, bearings from the small Rock G . . . SE½S, the Hoyle . . . S½W, the End of Island . . . W½S.

There is a Passage between G, and the East Point of Houat, near the Shoal, with about 5 fathoms at low water, regular soundings.



Company charts and republished them in the Admiralty series. In addition, a considerable number of Dalrymple's East India Company charts were reprinted in the Hydrographical Office of the Admiralty prior to 1808, for use by the Royal Navy.

a East India Company

In their original form, Dalrymple's East India Company charts carry a simple imprint, such as:

Publish'd according to Act of Parliament, by A. Dalrymple
Nov. 1st 1802.

East India Company charts with the Hydrographical Office hand-stamp (see note 3a, below) were almost certainly printed in the Hydrographical Office between 1804 and 1806, when Dalrymple made his plates available to the Admiralty for 1,000 guineas, a considerable saving on their commercial price of £3,462.

After Dalrymple's death, the copper plates of his East India Company charts were sold by auction in July 1810 and about 450 were acquired and republished by the Admiralty. With very few exceptions, these post-1810 examples can be distinguished by the addition of the engraved Hydrographical Office seal (see 3b) and, in a few cases, by alterations to the imprint – the name of Dalrymple's successor, Hurd, being substituted for his. Traces of the original imprint can often be made out with a magnifying glass. At the same time, the year was altered (though generally not the day or month). These imprint changes were made in 1810-14, with one noted in 1817, and mostly affected charts of the South Atlantic, south-east Africa and Madagascar. Since these were busier areas for the Royal Navy than points further east, this suggests that the imprint was altered and the engraved seal added on the exhaustion of stocks of the Dalrymple charts which had been printed in the Hydrographical Office about 1805.

At least twenty-five of Dalrymple's plates were held back by the East India Company, who continued to publish them long after 1810. These examples are sometimes found on paper bearing the East India Office device (known as the balemark) in its watermark. As an additional confusion, some of Dalrymple's East India Company charts, when taken over by the Admiralty, did not have the latter's engraved seal added. Unless these versions have a dated watermark of 1810 or later, they can only be recognized as Admiralty charts by their engraved price or chart number (see 4 & 5).

b Admiralty Charts

Dalrymple's Admiralty charts have a different form of imprint, for example:

Hydrographical Office Publish'd according to Act of Parliament Sept. 11th 1801 by A. Dalrymple Hydrographer to the Admiralty.

2 Dated watermarks

Up to the early 1860s, charts were habitually printed on watermarked paper. The mark included a maker's name (usually Whatman) and a date. This will appear on all full sheets (unless they have been trimmed) but not necessarily on those of smaller size. Because of the limited space available in the Admiralty and the need to avoid having to pulp too many out-of-date charts, it is known that, on the one hand, fresh supplies of paper were ordered regularly and, on the other, that limited numbers of impressions were printed for stock. Examination of the charts acquired by the Royal Society of Edinburgh between 1847 and 1861 revealed that the great majority of watermark dates were within a year of the imprint date.

3 Hydrographical office seal

a Hand-stamped

Between 1804 and 1806, Dalrymple made his East India Company copper plates available to the Admiralty, who printed one hundred copies of each. These impressions are distinguished by the use of a specially cut hand-stamp. This was also employed on other privately printed charts purchased in sheet form by the Admiralty (see 10).

b Engraved (foul anchor alone)

The original engraved version of the Hydrographical Office seal



consisted of the Admiralty foul anchor surrounded by inner and outer borders containing the words 'Hydrographical Office' with a star beneath, though a few examples without the star have been seen. Since the copper plates of Dalrymple's East India Company charts were only acquired by the Admiralty in 1810, this engraved seal could not have been added to them before that date. Other evidence suggests that the engraved seal was a post-Dalrymple development, anyway. Beaufort's chart of Montevideo, published in 1808, did not initially have an engraved seal, nor did any of the charts in a bound atlas, with printed title page, containing a mixture of Dalrymple's East India and Admiralty charts, which was issued about 1807. (A copy of this is held in the Hydrographic Department).

c Engraved (foul anchor and foliate surround)

About 1830, an additional surround of rose, thistle, shamrock and oak leaves (symbols of the countries in the British Isles) was added to the engraved seal and the initials of the current Hydrographer (see 14) inserted in lieu of the star. This revised form is broadly the same as that in use today.

Although the earliest use of the foliate surround was apparently in Smyth's atlas of Sicily in 1823 and on his subsequent charts of the Mediterranean, the device was not generally adopted until shortly after Beaufort became Hydrographer. A chart without the foliate surround and dated 9 November 1829 has been seen, while a chart of 18 February 1830 has been found with the amended form. The old style seal was rarely altered for charts remaining in print.

A further minor alteration occurred about 1837-8 when 'Hydrographical Office' in the seal was amended to 'Hydrographic Office', a term which had been used in a note in the Admiralty chart catalogue since 1827.

4 Price

a Red ink

Admiralty charts were put on sale to the public on 30 June 1821. At first, the prices were written in red ink and then probably only on those charts that were offered for sale. A chart with the price added in red ink and with a watermark of 1820 has been seen, as has a chart without a price and with an 1826 watermark.



The Hong Kong scene, whose central section is reproduced here, conveys the appearance of Victoria from Kowloon. This is probably the most striking of the view sheets used by the Admiralty in the first half of the nineteenth century. Published in 1846, just five years after the beginning of British occupation, it shows the rapid transformation of an island formerly inhabited only by fishermen (Reproduced with permission of the Controller of HM Stationery Office and of the Hydrographer of the Navy).

Engraved

A chart watermarked 1825 has been found with the price engraved below the seal, whereas, as stated above, a chart watermarked 1826 without the engraved price has also been seen.

Price Changes

The prices of charts were altered from time to time. Initially, the change was made in red ink until the price could be re-engraved. Changes in the price of one particular sheet were noted from the Admiralty chart catalogues as follows: first priced in 1825, altered in 1826, 1830 and 1846, and then unchanged until 1856 when the

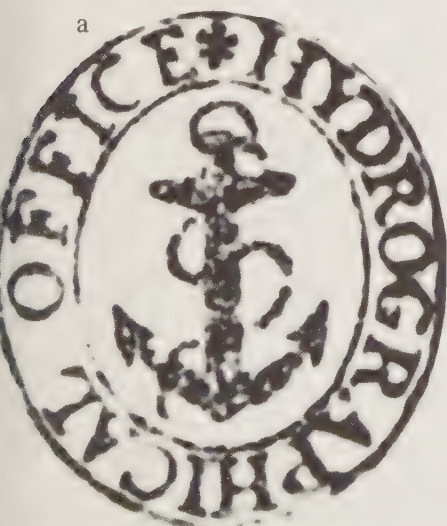
chart was withdrawn. An odd variation noted was the amendment, on the chart itself, of a price of 'Six p.' to 'Sixpence,' with a similar alteration for a price of one shilling. Possibly there was a further change between these two pairs of prices. Used in conjunction with the published chart catalogues, these price changes can help to pinpoint the actual date of a particular chart. Since the ink price would have been added to a chart which had possibly been printed some time before, it would, however, indicate the date of *issue*, not the date of *printing*.

5 Chart numbers

Chart numbers were first allocated in the 1839 chart catalogue. Charts with and without engraved numbers have been noted on paper watermarked 1839. An instance has been encountered of a chart number added in ink. Since this probably represents a post-

Successive forms of the Hydrographic Office Seal:

- a) Hand-stamp
- b) Early engraved form
- c) Second engraved form



No.	Size.	Scale.	Title of the Chart.	Price. s. d.
11	DE	m=1'6	New Shoreham to Selsea Bill— <i>Lieut. J. Murray</i> , R.N. 1810; corrected 1830	2 0
12	DE 3	m=5'9	... New Shoreham Harbour— <i>Lieut. W. L. Sheringham</i> , R.N., and <i>Michael Walker</i> , 1829	1 0
13	DE 8	m=5'0	... River Arun Entrance— <i>Lieut. E. Barnett</i> , R.N. 1830	0 6
14	DE & I	m=1'6	... Owers, with Chichester and Emsworth Harbours— <i>Murdoch Mackenzie</i> , 1786	4 6
15	DE	m=3'2	... St. Helens Road, Spithead, Portsmouth, and Langstone Harbours— <i>M. Mackenzie</i> , 1783	3 0
16	DE	m=3'2	Hampshire Coast, from Gillkicker Point to Calshot Castle, and the Mother Bank— <i>M. Mackenzie</i> , 1783	3 0
17	DE	m=3'2	... Southampton River and Cowes Road— <i>M. Mackenzie</i> , 1783	3 0
18	DE	m=3'1	Channel between the Isle of Wight and Hampshire, including the Needles, with Views— <i>M. Mackenzie</i> , 1781	3 3
19	DE	m=1'6	Isle of Wight, South Side, from St. Helens Road to Needles Point— <i>M. Mackenzie</i> , 1783	3 0
20	DE	m=1'6	Isle of Wight to St. Albans Head— <i>M. Mackenzie</i> , 1785	3 3
21	DE 4	m=2'2	... Poole Harbour Entrance, and Studland Bay, with Directions— <i>M. Mackenzie</i> , 1785; corrected by <i>Lieut. T. Spark</i> , R.N. 1829	0 8
22	DE	m=1'6	St. Albans Head to Abbotsbury, with Views— <i>M. Mackenzie</i> , 1787	3 0
23	DE	m=1'6	Abbotsbury to Sidmouth, with Plans of Lyme Cobb, and Bridport— <i>M. Mackenzie</i> , 1787	2 9
24	DE 4	m=3'8	... Exmouth Bar and Harbour, with View— <i>Lieut. R. Loney</i> , R.N. 1829	0 8
1154	DE 8	m=6'4	... Teignmouth Harbour, with View— <i>T. A. B. Spratt</i> , R.N. 1836	1 6
25	DE	m=0'7	Exmouth to Rame Head, with Views— <i>H. O.</i> 1816	2 6
26	DE 2	m=4'0	... Torbay— <i>M. Mackenzie</i> , 1808	1 6
27	DE 8	m=6'0	... Dartmouth Harbour— <i>Capt. M. White</i> , R.N. 1829	0 10
28	DE 4	m=7'0	... Salcombe Harbour— <i>Capt. M. White</i> , R.N. 1829	1 4
29	DE	m=0'8	Plymouth to the Lizard, with Plan of Fowey Harbour and View— <i>M. Mackenzie</i> , 1773	3 0
30	DE	m=5'0	... Plymouth Sound and Hamoaze— <i>H. O.</i> 1822	3 6
31	A	m=16'0	... Fowey Harbour, with a View— <i>G. Thomas</i> , R.N. 1811	3 6

A typical page from an Admiralty chart catalogue, showing, in this case, one of the sheets covering southern England from the 1839 volume. Note the reference to Captain Martin White's chart of Dartmouth Harbour, reproduced in *The Map Collector*, 25, p.33. (Reproduced with permission of the Controller of HM Stationery Office and of the Hydrographer of the Navy).

1839 addition to an already printed chart, it, again, would indicate the date of issue, not of printing. When the numbers were first allocated, they followed the geographical sequence of the existing catalogue. Thus numbers 7-24 were given to the south coast of England, 242-252 to the north coast of Africa, and so on up to 1116. However, as no gaps were left, numbers above 1116 were allocated thereafter in the order of publication and have no geographical significance. 1154, for example, also belongs to southern England. Confusingly, the numbers of withdrawn charts were sometimes re-allocated to those covering entirely different areas and sometimes applied to later charts of the same area. In several cases, however, the charts have been cropped so closely that the chart number (placed outside the outer rule) has been cut off.

6 Admiralty agents

a Bate

Between 1821 and 1829 a number of chartsellers shared the agency for the sale of Admiralty charts. On 25 September 1829, R. B. Bate was appointed sole Agent. A statement that the chart in question was sold by Bate was inserted by hand-stamp below the publishing imprint. This has been seen on a chart watermarked

1833, but it probably occurred earlier. Later, this statement was engraved directly onto the charts, probably after 1840. Not all charts carried Bate's imprint. On the death of her husband in December 1847, the Admiralty allowed Mrs Bate to continue the agency in her husband's name, though with some misgivings. No changes to the charts resulted from this.

b Potter

J. D. Potter, who had been Bate's foreman for some years, was appointed Chart Agent on 20 April 1850 on Mrs Bate's recommendation. Potter's imprint was inserted in place of Bate's, probably soon after his appointment (though Bate's engraved imprint has been seen on a chart issued in March 1851). The firm of Potter continued to hold the agency into the present century.

7 Changes of the late 1850s

In 1855, the printing of Admiralty charts was entrusted for the first time to an outside firm, Malby Brothers. The following changes, which seem to date from the same period, may be connected with that development.

a Paper

An opaque, unwatermarked, machine-made paper replaced the fine-quality wove sheets used earlier. However, a watermark date of 1862 has been seen.

b Stippling

Day (p.50) records that 'in 1851, on a proposal of a Mr B. G. Sloper, Beaufort decided to apply a land-tint to some general charts only, while showing anxiety that the coastline detail would be obscured.' The result was a stippled grey pattern, added uniformly over the land areas except where coastal relief would have been smothered. This pattern was inserted equally on new charts and on amended forms of existing ones. Although used for shoals on one 1854 chart, its inland application was first detected by Day on a chart of 1855.

c Lighthouses

These were emphasized by means of a yellow aureole with an orange centre, applied by hand. This feature was absent from two 1853 charts but present on one of 1854. This is not necessarily a reliable dating guide.

d Lithography

Although experiments with lithography, a far quicker process than copper engraving, were made from at least 1827, and an example dating from 1854 has been noted, lithographed sheets, signed by Malby Bros, appear with more regularity from 1856 onwards. Their use tended to be restricted to temporary or less important work.

8 Corrections

It is always worth checking the content of a chart, since added hydrographical information was sometimes inserted or the magnetic variation updated without any alteration to the imprint.

9 The dating features summarized

When looking at a particular early chart it is wise first to check the watermark (see note 2) and then the following points, since these can indicate a later date than that given in the imprint:

- 1804 Hydrographical Office hand-stamp (3a)
- c. 1810 Engraved Hydrographical Office seal (3b)
- 1822 Prices added in red ink (4a)
- c. 1826 Prices engraved (4b)
- 1829 Bate agency (6a)
- 1839 Chart numbers added (5)
- 1850 Potter agency (6b)
- c. 1855 Machine-made paper and land stippling (7a, 7b)

NB Alterations which did not affect the engraved copper plate – e.g. information inserted by hand-stamp or in ink – could have been added to a particular impression some time after it was printed. Hand-applied elements could also be omitted. Engraved alterations, on the other hand, affected immediately every

impression taken from the copper plate concerned.

OTHER ASPECTS OF ADMIRALTY CHART HISTORY

The use of other publisher's charts by the admiralty

As well as purchasing the Dalrymple plates, the Admiralty acquired printed sheets and copper plates from commercial publishers. Those cases where the original publisher retained the copper plate and supplied impressions when requested reflect the work of the Chart Committee. This comprised three experienced captains, and it was set up in 1807 to select from the charts privately published in the British Isles those most suitable for use by the Royal Navy. On 10 March 1808, the Committee made its first recommendation, listing 169 charts issued by, among others, Arrowsmith, Dalrymple, Faden, Heather, Laurie & Whittle, Mount & Davidson, and Steel. This, and a further selection of forty-nine charts made on May 26, excluded both the East Indies and the Pacific. Although the Chart Committee's short life probably ended with the dismissal of Dalrymple two days later, on May 28, his successor, Hurd, personally continued the selection of commercial charts. A typical sheet had the following engraved line added along the bottom: 'Approved by the Chart Committee of the Admiralty'. It is not clear, though, how many were amended in this way.

The Admiralty also acquired a number of existing copper plates from London chart publishers. This gave the Hydrographic Office complete control over their publication and enabled the charts to be updated with information supplied by Admiralty surveyors. On occasions, the purchase was indicated on the chart itself. The Rio de Janeiro chart, for example, carries the engraved announcement, 'Bought of W. Faden & Published at the Hydrographical Office of the Admiralty May 1823'. Sometimes, however, the Hydrographical Office imprint replaced that of the original commercial publisher, leaving no trace of the chart's non-Admiralty origin. Peter Heywood's chart of the River Plate, for

instance, was first published by Faden in 1817 and republished with a new imprint by the Admiralty in 1826. Some Faden charts and Arrowsmith's Guyana sheet only betray their status as Admiralty charts because of the added price and chart number. Similarly, when the East India Company's charts were taken over in 1861, the publication details were not altered. The Admiralty chart of Socotra, No. 5, still carries the inscription, 'Published by James Horsburgh . . . '.

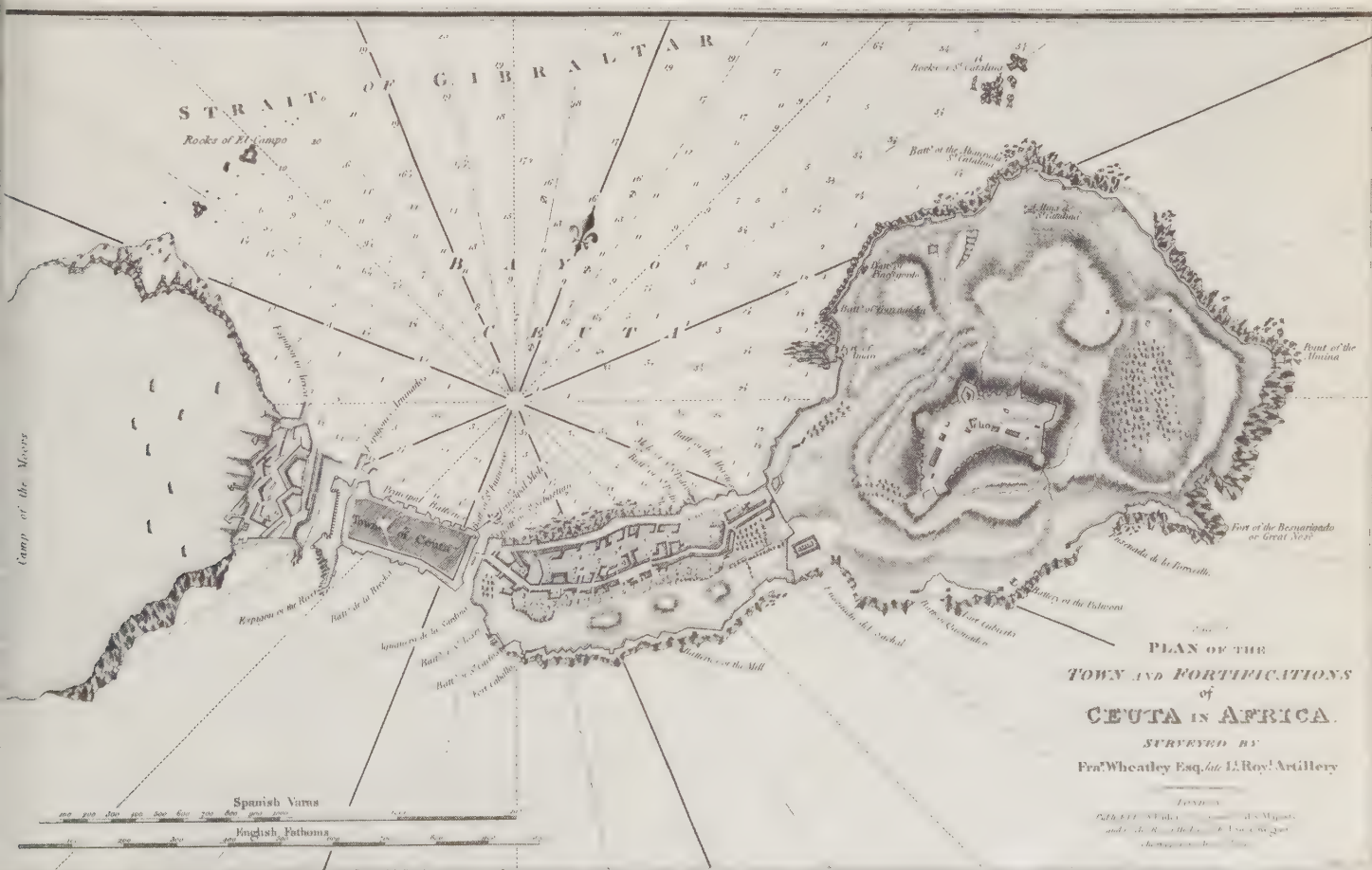
11 Becker's 'patent omnigraphy process'

Instead of the usual engraver's imprint of J. & C. Walker, the 1849 chart of the Gulf of Fonseca has the wording, 'F. P. Becker, Sc^t The Figures & Letters Engraved by his Patent Process'. Francis P. Becker is known to have developed what he called the 'Patent Omnigraphy Process'. This involved a series of punches, which avoided the need to engrave by hand repeated elements such as lettering, hill and town symbols, &c. Admiralty charts with their dense soundings might seem to have lent themselves to this process. In fact, very few Admiralty charts were produced by Becker. The Hydrographer, Beaufort, mentioned on 8 February 1849 a continuing series of trials of the Becker process. Ten years later, on 28 February 1859, the then Hydrographer, Washington, noted that only two small charts had been engraved by Becker during Beaufort's tenure (i.e. not later than 1855). However, the Fonseca chart, dated September 1849, is of large format. Since Washington himself permitted Becker to engrave a chart of Heligoland, it seems that four different charts were produced for the Admiralty by that method. The reason for the rejection of Becker's process was clearly spelled out by Washington, who noted that there was no saving of time or expense and that the engraving was not up to the usual standard.

12 Views

In the nineteenth century, the Hydrographic Office issued a number of sheets of views, which were allocated chart numbers in

Ceuta, at the entrance to the Mediterranean, is the oldest permanent European conquest in Africa, though it has had various changes of overlord. This chart derives from short-lived British occupation in 1810. Still bearing the imprint of William Faden and the original publication date of 1813, this impression is, nevertheless, one of those published by the Admiralty – as the discreet additions of price and chart number reveal. The latter feature allows this example to be dated no earlier than 1839 (courtesy of Robert Douwma Prints & Maps Ltd).





Pitcairn Island is celebrated because Fletcher Christian and other mutineers from the *Bounty* settled there in 1790. When Frederick Beechey visited Pitcairn in 1825, only one of the mutineers was alive to greet him. But the 'Point Christian' and 'Bounty Bay' recorded by Beechey, and the welcoming group of islanders depicted in the view, provide a permanent reminder of that strange episode, since this original manuscript was closely imitated for the 1829 engraved chart which is still in use today (Reproduced with permission of the Controller of HM Stationery Office and of the Hydrographer of the Navy).

the 1839 chart catalogue. Dalrymple was a great advocate of these views, which provided a useful means of identifying landfalls or prominent fixing marks. Many of the view sheets came from Dalrymple's East India Company series, and they can be dated in the same way as his charts (see 1, above). Eventually, the separate sheets were phased out as more views were included on the charts themselves or incorporated into Admiralty Sailing Directions.

13 Admiralty chart catalogues

The charts are arranged in geographical sections and listed in coastal sequence. The regularly amended printed chart catalogues contain invaluable information as to the length of time during which a particular chart remained available, its price at different periods, and (usually) the dates of amendments with a note of the surveyor responsible.

The chart size is also indicated. A full-size Admiralty chart is printed on double elephant paper (DE), giving a printed area of approximately 64 x 96 cm. The full sheets would be subdivided into half sheets (termed DE/2), thirds (DE/3), quarters (DE/4) and eighths (DE/8). These sizes were first noted in the 1839 catalogue, which included, in addition, the abbreviation 'A', for Atlas-size.

The earliest extant chart catalogue dates from 1825. There is clear documentary evidence, however, that a volume was produced in 1821, even though none has survived at the Hydrographic Department in Taunton, nor in any of the copyright libraries. On 30 November 1820 Hurd was instructed to compile a catalogue; on 28 June 1821 he forwarded a copy to their Lordships; and two days later an engraved *Notice* was issued, explaining that the charts could be obtained from Faden and Arrowsmith, 'from whom also may be had Catalogues of the said Charts, stating the retail price of each Article.' (No examples of this engraved *Notice* have come to light but the original draft survives in the Public Record Office, in ADM 1/3461 – the box relating to Admiralty business for 1821).

The full list of nineteenth century chart catalogues is as follows:

1821 (no copy yet found)	1864
1825	1866
1826	1868
1827	1869
1828	1870
1829	1872
1830	1875
1832 (arranged in sections with an index)	1877
1839 (chart numbers appear for the first time)	1879 annually to 1885 (the 1885 catalogue was dated 31 July 1885 and the 1887 catalogue was corrected to 31 December 1886, which makes it unlikely that an 1886 catalogue was issued)
1841	1887 thereafter annually to the present (with a combined volume for 1934-35 and 1944 omitted)
1846	
1847	
1849	
1852	
1855	
1857	
1860	
1862	

14 Hydrographers of the navy

Alexander Dalrymple (1795-1808)
 Captain Thomas Hurd (1808-1823)
 Rear Admiral Sir William E. Parry (1823-1829)
 Rear Admiral Sir Francis Beaufort (1829-1855)
 Rear Admiral John Washington (1855-1863)
 Vice Admiral Sir George H. Richards (1863-1874)
 Captain Sir Frederick J. O. Evans (1874-1884)
 Rear Admiral Sir William J. L. Wharton (1884-1904)

References:

Vice Admiral Sir Archibald Day, *The Admiralty Hydrographic Service, 1795-1919* (London: H.M.S.O., 1967), and see also the authorities cited in the December 1983 issue, p.33.

The authors would like to acknowledge helpful comments on the Dalrymple section from Andrew Cook, Librarian, India Office Library and Records.

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Dating County Maps Through

by Donald Hodson

Map and atlas advertisements in eighteenth century newspapers provide contemporary clues to the publication dates of the county atlases of that period. This article describes the searches carried out through this important source material, outlines some of the information discovered and demonstrates the use to which it can be put.

THE WRITER'S APPRENTICESHIP in the art of searching for map advertisements in newspapers was served whilst determining the publication date of Andrew Dury and John Andrews's map of Hertfordshire for inclusion in a bibliography of the printed maps of the county.¹ Published in nine sheets, this is the most important eighteenth century map of the county and yet by the 1960s the only publication date suggested for it was still that of 1766, provided by Richard Gough in his *British Topography* (1780). As Gough offered no evidence for this attribution, the authority for the date was clearly questionable. Some form of documentary confirmation was desirable, and the idea of searching for press announcements came from reading J.B. Harley's book on the mapmaker Christopher Greenwood,² in which he had made use of newspaper advertisements relating to Greenwood's publications.

Fortunately, a comprehensive collection of eighteenth century newspapers, based on the magnificent library formed by Dr Charles Burney, is housed in the British Library. Its catalogue revealed the existence of several volumes for each year! A selection of these for 1766 was ordered and soon, in the North Library, the first of many hundreds of hours of newspaper reading began. Before long the occasional magical names began to

appear: Samuel Buck, Thomas Kitchin, Thomas Jefferys, Daniel Paterson, John Senex, John Ogilby, John Bowles, Samuel Dunn. Then came the moment when the issue of the *Gazetteer and New Daily Advertiser* for May 1, 1766, was opened and the first triumph had been secured: 'This day is published, by Andrew Dury and John Andrews . . . A topographical map of Hertfordshire . . .' The excitement of this discovery acted as a stimulus to further enquiry and during the next year or two selective searches in the newspapers were made and as a result the date of publication of several county atlases was established.

To be Sold by Buxton,

On Friday the 14th Instant, at the New England Coffee-house the Bucksite of the Royal-Exchange, at 5 o' Clock in the Afternoon,

All the COPPER PLATES belonging to the Estate of Mrs. ANNE LEA; deceased, late of Chesfield, containing several large Maps of the World, and of particular Kingdoms and Countries, Views and Prospects of many Cities, Towns, Ports, Churches, &c. with all the County Maps of Great Britain and Ireland, many of them done from an actual Survey thereof, with several other Copper Plates, very useful for Persons who deal in Prints; most of them done by the best Gravers. The Proofs of each Plate may be seen at the Place of Sale, 4 Days before the Sale begins.

Catalogues may be had at Sam's Coffee-house in Ludgate-street; Nando's Coffee-house by Temple-Bar; the Bedford Coffee-house, under the Piazza in Covent-Garden; at Mr. Stagg's, Bookseller in Westminster-Hall; at Mr. Wilcox's, Bookseller in Little-Britain; and at the Place of Sale.



Mapsellers' Advertisements

ft and left below:
e title cartouche of Saxton's map of Yorkshire as
ued by George Willdey about 1732. This car-
uche was added to the plate in about 1693 on the
structions of Philip Lea; the unusual letter K in the
e York-Shire betrays the hand of Herman Moll,
on to become an important figure in the London
ap trade. Willdey's imprint was added to the map
er his purchase of the Saxton plates in August
30. Also illustrated is the advertisement from
e *Daily Journal* of August 5, 1730 showing the
nouncement of the sale of all the copper plates
longing to the estate of Mrs Anne Lea. Cata-
gues were to be had at various venues including
im's coffee house in Ludgate Street, Nando's
ffee house by Temple Bar and at Mr Wilcox's
okseller in Little Britain. Philip Lea was the owner
the Saxton plates from about 1680. He died in
bruary 1700 and the business was carried on by
s widow Anne. Saxton's plates were bought by
George Willdey. (Photograph by courtesy of
e British Library)

ght and below:
e title page of *England Illustrated* (By courtesy of
a British Library) and an advertisement from
e *Public Advertiser*, 1764 showing the existence
a previously unsuspected part-issue of this work.

On the 1st of Feb. will be published,
And continued Monthly, printed on Royal Quarto,
The First Number, Price sewed 4s. of
ENGLAND ILLUSTRATED:
Or, A Compendium of the Natural History, Geo-
graphy, Topography, and Antiquities Ecclesiastical and
civil, of England and Wales. With Maps of the fe-
veral Counties, and Engravings of many Remains of
Antiquities, remarkable Buildings, and principal Towns.
Printed for R. and J. and Dodsley in Pall-mall; and
sold by J. Hineman, in Pater-noster Row; and by all
the Booksellers in Town and Country. Of whom may
be had the Whole complete, Price bound 11. 16s.
¶ This Number contains the Preface, the Intro-
duction, Bedfordshire, Berkshire, Buckinghamshire,
and Part of Cambridgeshire, together with five Maps
and nine Prints.
Number II, will be published on the 1st of March,
and the Whole will be completed in twelve Numbers.

In 1969 the writer was invited by R.A. Skelton to collaborate in
future volumes of the bibliography, *County Atlases of the British*
Isles,³ which was designed to replace Chubb's⁴ volume as the
standard work of reference. A little over a year later Skelton was
tragically dead following a car accident; however, with the en-
couragement of P.D.A. Harvey, among others, it was decided to
proceed with the catalogue.
The initial search of the newspapers had produced such valu-
able results for the Hertfordshire bibliography that their systematic
examination now became a priority for the work on county
atlases: to continue without such a study was unthinkable. This
hunting task was carried on relentlessly for an average of one day
a week through much of the 1970s. During this period at least two
volumes for each of the years from 1704 to 1770 were searched;
since many of the volumes contain six or more daily, weekly,
twice-weekly, or thrice-weekly newspapers a very large sample of
the press was examined. With experience it became possible to
judge which titles were likely to prove most fruitful at a given date.
Of course, the work was tedious (and tiring on the eyes), but
scarcely a day passed which was not rewarded by a 'nugget' of
information. One of the greatest problems was the need to resist
the temptation to read the newspaper stories instead of the
advertisements.
What information was uncovered by the search and how can it
be used? Firstly, and most obviously, are the advertisements which

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help to pinpoint the actual date of issue of an atlas. It is, however,
essential to be cautious here. The phrase which occurs over and
over again as a preamble to the advertisements – 'This day is
published' – can be misleading since it was commonly repeated by
publishers for days, months and sometimes years after the actual
date of issue of the atlas.

One of the most useful and reliable guides in establishing which
of these claims are fraudulent is to be found in the sudden
appearance of an advertisement in a variety of newspapers at
about the same date, which usually indicates that this is the actual
publication announcement. Similarly, a burst of advertising in a
single newspaper which repeats the announcement in all, or most,
of its issues for several weeks normally indicates a newly published
atlas or edition. Occasionally the reliability is established beyond
reasonable doubt by an advertisement (or sometimes a series of
advertisements) which announces, for example, that 'On Tuesday
the 1st of March next will be published . . .' this then being
followed on March 1 by the statement 'This day is published.'
Even when the reliability is uncertain the advertisement can be
helpful as, for example, in the case of an undated atlas where the
announcement at least shows that the book was on sale at that date
even though it may have been published some time previously.

In the eighteenth century it was the practice of some publishers
to post-date the imprints of books published towards the end of
the year and advertisements sometimes reveal when this has

This Day is published,
PROPOSALS for Engraving and Pr
 ing by Subscription twenty-five Actions of the Man
 Riding-School, after the Drawings of Mr. John Van
 DANCK. Engraved by JOSEPHUS SYMPSON, senior
 mens of the Work may be seen, and subscriptions are take
 Tho. Glos Printfeller at the Royal Exchange; J. King at the
 in the Poultry; J. Bowles in Mercer's-Hall; T. Baskin in St.
 Church-yard; Tim. Jordan at the Golden Lyon in North
 Overton at the Golden-Buck near St. Dunstons Church; J.
 in Gray's-Inn; J. Reneir in Little-Nearne-street; A.
 Johnston in Peter's Court St. Martin's Lane; and J. C. Stamp
 graver and Printfeller at the Dove in Rumbold Court Alley-L
This Day is published

An advertisement from the *Daily Post*, January 9, 1729, showing that Thomas Taylor's shop at the 'Golden Lyon Fleetstreet' was now in the hands of Timothy Jordan. Also an advertisement from the *London Evening-Post*, December 16-18, 1731 which shows that Thomas Bakewell had taken over Jordan's shop.

This Day is published, curiously engraven;
 1. **A PLAN** of the City of BATH: Containing all the
 Streets, Inns, &c. Adorn'd with Views of all the Churches, Crosses,
 and other noted Buildings and Lodgings; and particular Plans of the King's,
 Queen's, Cross, and Lazor's Baths, &c.
 2. A View of the famous Town of Scarborough in Yorkshire, with the
 Castle, Port and famous Spaw, the High Cliff, Dicky's House, &c.
 3. Tunbridge Wells in Kent; wherein are shewn the Walks, Mount
 Ephraim, and other distant Prospects.
 4. St. Winifred's, or Holy Well, situate near Flint in North Wales, a
 noble Fountain of great Antiquity, celebrated for the many wonderful
 Cures performed by its Waters.
 Printed and sold by Tho. Bakewell, Printfeller, next the Horn Tavern in
 Fleetstreet. Price of the four Prints Five Shillings.

happened. The geographical work with county maps, *England Illustrated*, has the imprint of Robert and James Dodsley dated 1764 on the title-page but an advertisement announcing its publication appeared in the *Public Advertiser* of December 1, 1763. That the same work later appeared in twelve monthly parts was unsuspected until the discovery of a run of advertisements for the series in the same newspaper from February 1, 1764, to January 1, 1765. So, an apparently straightforward book published in two volumes and unambiguously dated, turns out to have had a more complex history.

Advertisements can be helpful in providing an approximate date for the opening of new businesses and the removal of established firms to different addresses, which can, in turn, help to date atlases. So the county atlas, *England exactly described*, published by Thomas Taylor in 1715, later came into the hands of Thomas Bakewell who published an undated edition. Advertisements show that Taylor's shop and stock had been bought by Timothy Jordan by January 1729, that Jordan was joined as a partner by Bakewell around June of the same year and that Bakewell had taken over the business completely by 1731. It seems clear that Bakewell's edition of the atlas appeared in or after 1731 but before 1746 when, as advertisements show, he had moved his business to a new address.

Occasionally the existence of a suspected, though undiscovered, edition of an atlas can be confirmed. Harold Whitaker, whose county cartobibliographies appeared in the late 1930s and 1940s, recorded a 1733 edition of *A New Description of England and Wales* with maps by Herman Moll. Recent bibliographers have been unable to find an example of this edition and the possibility that Whitaker was in error could not be ruled out. However, a series of advertisements in the *Daily Journal* and other newspapers show that an edition of the work was indeed published in nineteen weekly parts from March to August 1733.

Without doubt the most useful part that advertisements play in the study of a county atlas is the light they throw on the

publication history of its successive editions. Changes of imprint are often paralleled by announcements in the newspapers showing that the copper plates are in new hands. It has long been known that the Saxton plates owned by Philip Lea came into the stock of George Willdey, who published an edition of Saxton's atlas at an unknown date in the early eighteenth century. Whitaker's guess of c.1720 was followed by later bibliographers (including myself in *The Printed Maps of Hertfordshire*, but it can now be shown that this was incorrect by a fair margin. The *Daily Journal* of August 5, 1730, advertised a forthcoming auction of the copper plates owned by Philip Lea's widow Ann which included 'all the County Maps of Great Britain and Ireland' – an obvious reference to the Saxton plates, among others. That Willdey purchased the plates is shown by a study of his many advertisements in which he included the county maps for the first time in early 1732.

This search has proved to me that the newspaper advertisement is a valuable aid for understanding the development and evolution of the editions of an atlas when used in conjunction with other research materials and, of course, when combined with a careful examination of the atlases themselves.

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Donald Hodson's bibliography *County Atlases of the British Isles Volume 1: Atlases published 1704-42 and their subsequent editions*, is due for publication this Spring. It is the first volume of a projected series of bibliographies of the county atlases of the British Isles published after 1703.

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Joachim Lelewel: Polish Scholar and

by Michael J. Mikoś,
Department of Slavic Languages,
University of Wisconsin-Milwaukee

JOACHIM LELEWEL (1786-1861) was an outstanding Polish historian and politician, an authority on the history of geography and cartography, and a scholar who spent his life studying, describing, and collecting old maps. He wrote nine major works on the history of geography and cartography and drafted over 250 maps, illustrating various topics from ancient history, medieval geography, and the history of discovery.

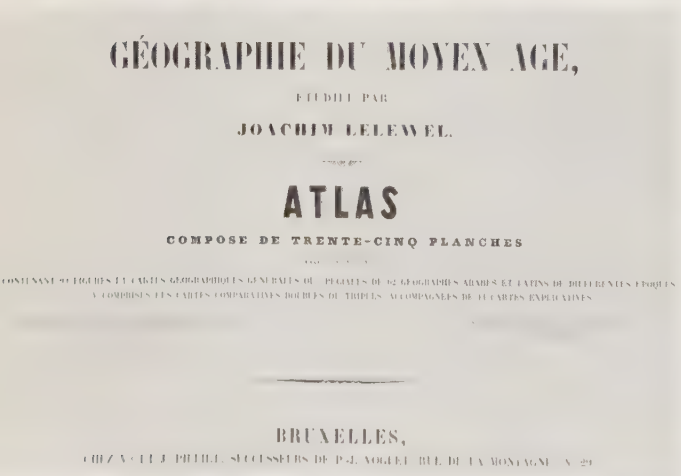
He was born in Warsaw in 1786. From 1804 to 1808 he studied mathematics, natural history, geography, and classical languages at

the University of Stefan Batory in Wilno. In 1821, he was appointed professor of history and quickly became one of the university's most popular and influential scholars. In 1824, because of his anti-Russian views, Lelewel lost his position and moved to Warsaw, where he continued his scholarly and political activities. After the failure of the November 1830 uprising against Russia, which Lelewel had helped to lead, he emigrated to France. He was expelled from France for his political activities and in 1833 went to Brussels, where he spent the last twenty eight years of his life. He died in Paris in 1861.

Lelewel's earliest scholarly works (written in Polish) dealt with ancient geography. In *Geographical and historical essays* (1814) and *Discoveries of the Carthaginians and Greeks in the Atlantic Ocean* (1821), Lelewel described and illustrated systems of geography and views of the world of the great geographers and explorers of

Left:
Joachim Lelewel (photo by Daniel Bender, courtesy of the University of Wisconsin-Milwaukee Library).

Below left:
The title page of the *Atlas* (1849) by Joachim Lelewel (photo by Paul Stoelting, courtesy of the American Geographical Society Collection, University of Wisconsin-Milwaukee Library).



etch of the map of Marco Polo in the Hall of the Shield of the Ducal Palace in Venice, by Joachim Lelewel, Brussels, 1850, from his *Atlas* (1850) p. 48 (photo by Paul Stoelting courtesy of the American Geographical Society Collection, University of Wisconsin-Milwaukee Library).

Lelewel's concentration on the Arab geographers, especially on Idrisi, was the cause of some cardinal weaknesses in his work, however. He found numerous errors in Ptolemy's measurements and geographical locations, and those findings led him to excessive criticism and even rejection of Ptolemy's influence on medieval cartography. He also disregarded mathematical cartography, especially between the sixteenth and eighteenth centuries. His controversial opinions and omissions, combined with the





Left:
Tabula Rotunda
Rogeriana 1154,
preserved and
described by Idrisi.
Drawn by Joachim
Lelewel in Brussels,
1846, from his *Atlas*
(1850), p. 10. (photo
by Paul Stoelting,
courtesy of the
American Geog-
raphical Society Col-
lection, University
of Wisconsin-
Milwaukee Library).

Right:
Lelewel's caption
for his redrawing
of the 'Tabula
Rotunda Rogeriana'
describes how he
used two original
manuscripts for his
model – one in Paris
and one in Oxford.
Illustrated here for
comparison is the
Bodleian Library's
Ms Pococke 375 ff
3v-4r (By courtesy of
the Bodleian Library,
Oxford).

Nevertheless, the significance of his contribution to the study of the history of cartography has been recognized. Alexander von Humboldt referred to Lelewel's 'erudite history of geography'¹ and Carl Ritter, impressed with Lelewel's ideas and map making craftsmanship, had his *Discoveries of the Carthaginians and Greeks in the Atlantic Ocean* translated into German in 1831. In the introduction, he praised Lelewel's geographic works, saying they 'belong to the important contributions of research in old geography and follow honourably the rather rare efforts of Sprengler' and other German writers.²

Lelewel's books are still read today: in 1964, Meridian Publishing Company issued the German edition of *Discoveries of the Carthaginians and Greeks in the Atlantic Ocean* and in 1966-67, the same firm republished *Géographie du Moyen Age*, with a thirty five sheet atlas. Zbigniew Rzepa concluded that 'at the present

time, Lelewel's works are a starting point for research in the fields of the history of geography and cartography, and of historical geography as well.⁷⁵

Lelewel's contributions to the history of geography and cartography are not his only lasting achievements, however. Throughout his life he was an avid collector of books, maps, and atlases which he used for research and as sources for his drawings and engravings. As early as 1804, the 18 year-old Lelewel wrote to his brother, asking him to buy 'that German geography in three volumes, with Ptolemy maps, for 12 zloty.'⁶ He collected maps, imported copper plates from St. Petersburg so that he could engrave ancient views of the world for his books, and compiled copious manuscripts and notes.

But suddenly, in 1831, after the failure of the November uprising in which he had participated, Lelewel was forced to leave Poland, 'with only a little bag on his back'.²⁷ After a year in Paris, he settled in 1833 in Brussels and lived there until a few days before his death in 1861.

In Brussels, Leleux lived the life of an ascetic scholar. He occupied a single chamber above an inn on the third floor, and spent 570 francs a year for his room, coffee, bread, meat, candles, and laundry. The temperature in his room did not exceed 7°C or 8°C and at times the water in the pitcher would freeze. He found, however, a way to continue his writing and engraving, by keeping his feet in a dresser drawer stuffed with hay.⁸

Lelewel soon began to rebuild his cartographic collection and surrounded himself with books and atlases. He was eventually able to receive some of his original books and maps from Poland; he bought single maps and parchment bound volumes in local



book shops; and he had his friends copy for him rare maps in various European libraries and museums. In a letter of 11 February, 1847, Lelewel informed his brother Prot with great satisfaction that he had bought 'four huge folio atlases for 12 francs', as well as 'a beautiful copy' of the first topographic map of Belgium from 1778 by Ferraris 'for 10 francs, and another one, for the differences, for 4 francs' and Ortelius' atlas for 7 francs.¹⁰ In 1857, Lelewel proudly wrote that 'neither the Warsaw Library (Library of the University of Warsaw) nor the old Wilno Library has ever had such a collection as I have put together.'¹¹

It was indeed a splendid collection. Lelewel's letter of 15 December, 1858, mentioned 600 volumes, including over 150 atlases, as well as more than 200 maps of Poland¹². A portion of the collection was evaluated in 1857 at 8,000 francs, but Lelewel accepted only 2,000 francs for his costs and sent the collection in three crates weighing 1208 kg,¹³ to the Polish School Library in Batignolles, suburb of Paris. It was his wish that the collection be given to the University of Stefan Batory in Wilno, which had been closed by the Russians in 1832, at such time as it would be reopened.

In 1874, the Lelewel collection was removed from Batignolles to the Kórnik Library, near Poznań, where it was stored in cases in a library, specially adapted for the purpose, awaiting the liberation of Poland and the reopening of Wilno University.

In 1918, Poland regained her independence and Wilno University was reopened in 1919. In 1925, the Lelewel collection was at last incorporated into the Library of the University of Stefan Batory in Wilno. In 1929, an exhibition at the University, entitled 'To the memory of Lelewel', featured the most interesting items from his

cartographic collection. The collection was described by Mikolaj Dzikowski, map curator, in an article in 1932¹⁴ and in a catalogue which appeared in 1935.¹⁵

As described by Dzikowski, Lelewel's collection contained 316 atlases in 397 volumes. Among them were thirteen editions of Ptolemy's *Geography*, beginning with the 1513 Strasbourg edition, nine editions of Ortelius' *Theatrum Orbis Terrarum*, with the 'editio princeps' of May 20, 1570, and the second 1570 edition, three editions of his *Epitome*, ten editions of Mercator, ten editions of Jansson (some in five or six volumes), seven of Blaeu, including the eleven volume edition, nine of de Wit, six of Robert de Vaugondy, three of Van den Keere and single folios of de Jode (the first, 1578 edition) and of Homann, Lotter, Sanson, du Val, Delisle and others. The cartography of the seas was represented by Waghenaeer's atlases of 1585, 1589, and 1592, and by the atlases of Goos, Jaillot, and de Hooghe. City views and plans included Braun and Hogenberg's *Civitates*, Camocio's *Isole famose, porti, fortezze*, and the atlases of de Fer and Tassin.

The value of Lelewel's collection, however, did not lie in the sheer number of maps and atlases it contained, but in its cohesion and structural integrity. It was particularly strong in its coverage of Poland, with over 200 maps, and contained 255 engraved maps and drawings by Lelewel himself. The collection had served Lelewel as his research library when he worked on *Géographie du Moyen Age*, and many copies bore comments and additions in his hand. One example should serve as an illustration of Lelewel's methods and of the unique value of the collection.

In 1889, Baron Nordenskiöld published for the first time in his *Facsimile Atlas*, the list of maps from the so-called Lafreri Atlas –



Detail of the map of Europe in 1144, showing Poland. Drawn by Lelewel in Warsaw, 1825, from his *Atlas* (1850), p. 13. (photo by Paul Stoelting, courtesy of the American Geographical Society Collection, University of Wisconsin-Milwaukee Library).



The map of the world from pomponius Mela (1417) by Joachim Lelewel, drawn in Brussels, 1848, from his *Atlas* (1850), p. 33 (photo by Paul Stoelting courtesy of the American Geographical Society Collection, University of Wisconsin-Milwaukee Library).

an *atlas factice*, or collection of loose maps by the Italian cartographers, issued in the 1550's and 1560's. Nordenskiöld called the atlas 'one of the greatest rarities' and remarked that the atlas was not mentioned by such scholars as 'Lelewel, Humboldt, Peschel, Vivien de St. Martin, Ruge, Breusing'.¹⁶

But when Nordenskiöld wrote these words, he did not know that in Lelewel's collection, which was then stored in the Kórnik Library, there was a volume of Venetian maps and attached to it, a note in Lelewel's handwriting: 'For over ten years I was searching for the Italian geographical maps from the sixteenth century, copied in The Netherlands, in Antwerp, in Amsterdam. It was only in June of 1860 that I located and bought this Venetian volume'.¹⁷

Lelewel studied the atlas, provided an index of all the maps, plans, and illustrations, marvelled at its rarity, and manufactured a title page, as the original one was missing. Dzikowski compared the 110 maps in the Lelewel atlas with the Lafreri atlases listed by

Nordenskiöld, Kordt, Phillips, and Bagrow, and found that as many as sixty five maps from Lelewel's copy were not listed in the others, making it an important volume.

On 19 September, 1939, the Red Army overran the city of Wilno. The fruit of Lelewel's life work, his collection of maps and atlases, like so many art collections in the history of Poland, was lost to a foreign power.

Today, the state of the collection is uncertain. In 1970, Vaclovas Chomskis mentioned a small room in the library of the University of Wilno named after Joachim Lelewel and containing 553 maps and atlases, of which 57% were Lelewel's.¹⁸ The collection has not been fully described since 1940, however. It is only hoped that this collection of maps and atlases, so intimately connected with Lelewel's life and work, will be carefully preserved and made accessible to scholars and map lovers from around the world.

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Christopher Saxton: The first county atlas of England and Wales, published in London in 1579. Frontispiece of Queen Elizabeth I, 2 plates of tables and shields and 35 maps in glorious original colouring. Engraved by Augustine Ryther, Remigius Hogenberg, Reynolds, Terwoort, Hogius & Scatter. Bunch of Grapes watermark. Maps bear the arms of Queen Elizabeth and Thomas Seckford, the patron. Several of the maps have been expertly restored, with margins strengthened or backed with tissue paper. However, the overall impression is very fine and makes this one of the most desirable surviving examples of this very rare atlas. Price on application.

Livio Sanuto: *Geografia*. The first printed atlas of Africa by Livio Sanuto, with maps engraved by his brother Giulio. 1588 edition. Uncoloured. Published in Venice by Damian Zenaro. 12 copperplate maps and frontispiece. Restoration to small holes in two of the maps; another is slightly foxed. Otherwise in very good condition. Price £6,000.

Abraham Ortelius: *Theatrum Orbis Terrarum*. Early copperplate atlas of the world. Published by Christopher Plantin in Antwerp. Latin edition, appearing in 1595. Uncoloured. Portrait frontispiece and 115 double page plates (sometimes with more than one map to a plate). At the end, the *Parergon* is added, containing 31 extra plates (most of them depicting maps of the antique world). Ortelius invariably quoted the source for his maps and several plates also show the engraver's name (most notably Frans Hogenberg and Doetichum). Most are individually dated, ranging from 1562 to 1595. 35 of the maps suffer from general browning and one has a small split in the lower fold. Otherwise, they have clear, strong impressions and are in good condition. Price on application.

Ptolemy/Mercator: *Geografia cioe Descrittione Universale della Terra...* 1598 edition of Ptolemy; edited by Giovanni Magini and published in Venice by Giovanni Battista and Giorgio Fratelli. A finely engraved composite atlas, with 27 Ptolemaic maps and 37 based on Ortelius and Mercator. A few maps with slight browning, but generally in excellent condition. Price £1,650.

Camden: *Britannia sive Florentissimorum Regnorum Angliae, Scotiae, Hiberniae et Insularum adiacentium ex intima antiquitate Chorographica descriptio...* 1607 Latin edition of Camden, published in London by George Bishop and John Norton. Maps engraved by Kip and Hole, after Saxton and Norden. Fine, original colouring on maps, shields, initials, titles and illustrations. 57 maps and frontispiece. Several maps suffer from colour or printing showing through from the reverse page. 12 maps have light surface stains or browning. Irish map split along bottom of central fold. In general, in good condition. Price £9,500.

Christian Adrichom: *Theatrum Terrae Sanctae et Biblicarum Historiarum...* 1623 edition, published in Cologne by Birckmann and Hermann Mylius. Uncoloured. Early atlas of the Holy Land with 12 maps in all (2 large folding maps of the Holy Land and Jerusalem and 10 maps of individual Tribes). One of the Tribe maps has a foxing mark, a printer's crease and two small holes in the margin; two others have light overall browning. Otherwise in very good, clean condition. Price £2,400.

Samuel Purchas: *Hakluytus Posthumus or Purchas His Pilgrimes, containing a History of the World, in Sea voyages & Lande Travells by Englishmen & others...* In 5 volumes, published at St. Paul's Churchyard in London. Issued by Henry Fetherstone in 1625. Uncoloured. 82 maps after Hondius, 2 by Elstracke, 1 by Hole, 4 others unsigned and a frontispiece. Many textual illustrations. 4 maps have some foxing and 3 are slightly stained. Hole's map of Virginia has some wormholing and restoration (with some print loss) along the fold. Otherwise the maps are in immaculate condition. Price for the 5 volumes £5,500.

Mercator/Jansson: *Atlas Minor Gerardi Mercatoris a I. Hondio plurimis aeneis Tabulis auctus et illustratus...* Jan Jansson's edition of the *Atlas Minor*, published in Amsterdam in 1634. Uncoloured. 143 maps, some of them engraved by A. Goos and P. Van den Keere. 5 with minor foxing, 7 with overall browning and 1 with surface dirt. Otherwise in very good, clean condition. Price £2,200.

Famiano Strado: *De Bello Belgico*. With a Leo Belgicus as frontispiece and 11 portrait plates. Uncoloured. The Leo Belgicus is based on the original Aitsinger model. Engraved and published by the widow and heirs of Johann Cnobbari. Issued in Antwerp in 1640/1. Excellent condition. Price £350.

W. & J. Blaeu: *Le Theatre du Monde ou Nouvel Atlas...* Part IV of the Blaeu world atlas covering England & Wales. Published in Amsterdam by Johann

Blaeu, with Willem's name appearing on several of the maps. French edition, published in 1646. Uncoloured. Frontispiece and 58 plates. A few of the maps have very light, overall browning and one is foxed. On the whole, however, the maps are very clean, have strong impressions and are in excellent condition. Price £5,000.

W. & J. Blaeu: *Novus Atlas, das ist Welt-beschreibung...* Published in Amsterdam by Johann Blaeu in 1647. Full original colouring, heightened in gold. German edition. 36 maps of Holland and the Low Countries. There is some foxing in the margins throughout (usually not affecting the printed surface), 3 maps have light creases (with no loss of print) and 2 have tears in the upper part of the plate. Generally, in very good condition. Price £6,000.

W. & J. Blaeu: *Toonneel des Aerdyx oft Nieuwe Atlas...* English county atlas in fine, original colouring. Published in Amsterdam by Johann Blaeu in 1648. Dutch edition. Colouring heightened in gold. 57 plates and frontispiece. There are small foxing marks on one of the maps, two are creased and there is a tiny hole in the frontispiece. Otherwise all are in excellent condition. Price £9,500.

W. & J. Blaeu: *America, quae est Geographiae Blauianae Pars Quinta...* Published in Amsterdam by Johann Blaeu in 1662. Some maps still with Willem Blaeu's imprint. Latin edition. 23 double page maps of North and South America. Full original colouring. There is browning throughout the atlas. One plate creased (with no loss of print). Price £6,000.

W. & J. Blaeu: *Le Grand Atlas, ou Cosmographie Blauiane, en laquelle est exactement descritte la Terre, la Mer et le Ciel.* Published in Amsterdam by Johann Blaeu in 1667. Many maps still with imprint of Willem Blaeu. French edition. Rich contemporary colouring, heightened with gold. Frontispiece and 47 maps. These are principally of Scandinavia, but include the double hemisphere world, the North Pole and Europe. At the start of the volume, there is a section on astronomy with textual illustrations and the atlas also includes a study of the Danish astronomer, Tycho Brahe. There are 3 double page illustrations of the castle of Uranibourg (given to him by Frederick II), 8 full page plates of his instruments and 3 other related sheets. One of the maps has a small repair on the l.h. side of the plate, one is creased (with no loss of printing) and a third is slightly foxed. Otherwise the maps are very clean and in superb condition. £10,000.

Richard Blome: *Britannia or a Geographical Description of the Kingdoms of England, Scotland and Ireland...* County atlas, published in London by Blome in 1673. Printed by Thomas Roycroft. Uncoloured. 51 maps (normally 50, but this volume includes Blome's map of London, engraved by Hollar, c.1667). Each plate with dedication and patron's shield, and the entire text is preceded by 24 plates of 808 benefactors' crests. 3 maps have tiny holes, 1 a printer's crease, 1 a small stain and 1 a minor tear at the foot of the plate. Otherwise in very good, clean condition. Price £2,500.

John Ogilby: *Britannia ... an Illustration of the Kingdom of England and Dominion of Wales...* The first series of road maps of Britain, compiled and published by Ogilby. First edition of 1675, issued in London. Uncoloured. 101 maps and frontispiece. Minor repairs to two maps and one with slight browning. Otherwise in extremely good condition. Price £4,800.

Robert Morden: Miniature world atlas. 77 copperplate maps in fine original colour. Occasional spotting and off-setting throughout. 3 maps with split in fold and one with repair to margin. Published by Morden at the Atlas in Cornhill. No text or title page. Issued c.1680. Overall in very good condition. Price £1,600.

Thomas Taylor/Richard Blome: *England Exactly Described or a Guide to Travellers in a Compleat Sett of Mapps of all the County's of England...* English county atlas 'printed, coloured and sold' by Thomas Taylor at the Golden Lyon in Fleet Street. The maps are by Richard Blome, engraved by Wenceslaus Hollar and Richard Palmer. They are reissues from Blome's *Speed's Maps Epitomiz'd...*, originally issued in 1681. There are a number of plate changes, mostly caused by altered dedications. 41 maps with foxing on 3 and surface dirt on another. Otherwise in very good condition. Price £950.

Camden: *Camden's Britannia, newly translated into English with large Additions and Improvements.* Published in Oxford by Edmund Gibson. Printed in London by F. Collins for A. Swalle and A. & J. Churchill. Issued in 1695. Maps by Robert Morden. 50 maps with frontispiece and illustrations of coins and antiquities. Two maps offset and some with borders slightly cropped. Uncoloured. Overall in very good, clean condition. Price £1,200.

John Ogilby: *Britannia: Or, The Kingdom of England and Dominion of Wales...* The first series of strip road maps of Britain. Reprinted from the 1st edition of 1675. This edition was published in London by Abel Swall and Robert Morden in 1698. Uncoloured. 100 maps, three quarters of which have general, overall browning. 2 creased (without loss of print), 8 with slight foxing and 1 with small piece missing from lower margin. Price £4,600.

ATLASES at THE MAP HOUSE

Sanson: *Description de Tout l'Univers en plusieurs Cartes & en divers Traitez de Geographie et d'Histoire...* by Sanson Pere & Fils. Published by Francois Halma in Amsterdam. 1700 edition. Uncoloured. 2 volumes. 1st volume devoted to Europe, Asia and Africa. 59 maps. Some browning on the Syria, India and World maps; the remainder are all strong impressions and in excellent condition. The second volume is concerned with America. It includes 15 maps, all bearing the imprint of Nicolas Sanson the elder. The map of Chile is very slightly offset, otherwise the impressions are fine and the condition extremely good.

Also bound in the second volume is *L'Usage des Globes Celestes et Terrestres et des Spheres, suivant les differens Systemes du Monde...*, a treatise by Bion, also published by Halma in 1700. 15 plates, all uncoloured; two browned, the rest in excellent condition. Price for the 2 volumes is £2,250.

Sanson: *Description de Tout l'Univers en plusieurs Cartes, & en divers Traitez de Geographie et d'Histoire...* by Sanson Pere & Fils. One volume. Published in Amsterdam by Francois Halma. 1700 edition. Uncoloured. 74 maps; 3 with very minor stains and 3 printed near edge of page. Otherwise all with strong impressions and in excellent condition. Bion's *L'Usage des Globes...* is again bound in, at the end of the volume. 15 plates; some browning throughout. Price £2,100.

Robert Morden: *The New Description and State of England, containing the Mapps of the Counties of England and Wales...* English county atlas published in London in 1701 and sold by Robert Morden, in Cornhill; Thomas Cockerill, at the Three Leggs & Bible; and Ralph Smith at the Royal Exchange. Uncoloured. 55 maps. The Yorkshire map has a small hole and one other has small tears in the margin. A few have slight tears at the fold, but, in general, the maps are in very good, clean condition. Price £950.

Camden: *Camden's Britannia Abridg'd with Improvements and Continuations to this present Time...* Two volumes. Printed in London by J.B. for Joseph Wild, in 1701. Uncoloured. 59 maps by John Seller and 2 frontispieces. Some off-setting. Otherwise in good, clean condition. Price £950.

Bowen/Owen: *Britannia Depicta or Ogilby Improv'd...* Atlas of miniature road maps based on Ogilby's 1675 series of strip maps. Engraved by Emanuel Bowen, with descriptions by John Owen. Published in London, in 1720, by Thomas Bowles and Emanuel Bowen. Uncoloured. 272 plates (of 273; final page missing). Some light foxing throughout, otherwise in very good condition. Modern binding. Price £750.

T. Badeslade & W.H. Toms: *Chorographia Britanniae or a New Set of Maps of all the Counties in England and Wales...* Maps drawn up by Badeslade and engraved by Toms. Published in London by J. Clark, C. Hitch and W.H. Toms. Issued in 1742. Uncoloured. 46 maps, with index plates and tables showing rates for Hackney coaches and watermen. 10 of the maps have small split in bottom of fold. In good, clean condition overall. Front board detached. Price £385.

J. Coote: *A New Geographical Dictionary containing a full and accurate Account of the several parts of the Known World...* 2 volumes. Published in London by J. Coote in 1759. Uncoloured. 44 maps, engraved by Prinald, Gibson or Rollos, after Robert de Vaugondy. 73 plates of globes, costumes, topographical views and antiquities. One map foxed, otherwise all in very good, clean condition. Price for the two volumes £680.

Bernard Scalé: *An Hibernian Atlas; or General Description of the Kingdom of Ireland, divided into Provinces...* Copper-engraved atlas with attractive original colouring. Published in London in 1776. Engraved by Ellis and Palmer, and printed for Robert Sayer and John Bennett. 37 maps showing individual counties divided into baronies. Light, marginal browning on 3 of the maps; one slightly off-set; front board part-detached. On the whole in excellent condition. Price £500.

Bonne: *Atlas de Toutes les Parties Connues du Globe Terrestre.* World atlas published in c. 1780. Uncoloured. 49 maps and appendix of many plates with statistical information. Strong impressions, in excellent condition. Price £780.

Carington Bowles: *Bowles's Pocket Atlas of the Counties of South Britain or England and Wales...* Rare county atlas, published in London by Bowles himself. Issued in 1785. Uncoloured. 57 maps on 48 sheets. There is a tiny tear on the folding map of Cornwall, but otherwise the maps are in superb condition. Price £2,200.

Antonio Zatta: *Atlante Novissimo, Illustrato ed Accresciuto Sulle Osservazioni e Scoperte Fatte dai piu celebri e piu recenti Geografi.* 4 volumes bound in two books. 1784 edition, published in Venice. Fine original colouring. 213 maps

(all double page apart from the 4 English county maps), dated individually, from 1774 onwards. Also 5 celestial maps and a frontispiece. One map with a very small hole, otherwise in excellent condition. Price for the 2 volumes £7,500.

Carington Bowles: *Bowles's New Medium English Atlas; or Complete Set of Maps of the Counties of England and Wales...* Published by Bowles in St. Paul's Churchyard in 1785. Original outline colour. The maps are re-issues of those by Emanuel and Thomas Bowen, originally published in the *Atlas Anglicanus* of Thomas Kitchin, in 1767. The cartouches and the printer's imprints have been altered, but otherwise the plates are unchanged. 44 maps in mint condition. Price £1,600.

John Cary: *Cary's New and Correct English Atlas: Being a New Set of County Maps from Actual Surveys...* Engraved and published in London by Cary. 1793 edition. Original outline colour. Light water staining at upper corner of page; one map with further staining at foot of plate and 3 maps with very light surface marks. 46 maps, generally in very good, clean condition. Price £480.

John Cary: *Cary's Traveller's Companion, or a Delineation of the Turnpike Roads of England and Wales...* Engraved and published by John Cary. Issued in London in 1810. 43 maps in original outline colour. Tear in folding map of Yorkshire. Front board detached. Good condition. Price £200.

Thomas Faulkner: *An Historical and Topographical Description of Chelsea and its Environs...* Printed by J. Tilling of Chelsea and published in 1810 by T. Egerton; Sherwood, Neeley & Jones; and T. Faulkner. Uncoloured. 1 folding map and 11 plates. Some browning throughout. Single tear on map. Good condition. Price £70.

Samuel Lewis: *A Topographical Dictionary of England...* 4 volumes. Published in London by S. Lewis & Co., in 1831. Uncoloured. 43 maps engraved by Starling and Walker, 3 of them large folding maps. 16 of the maps have foxing or off-setting, otherwise in good condition. Price for the 4 volumes £300.

John Cary: *Cary's New and Correct English Atlas: Being a New Set of County Maps from Actual Surveys...* Engraved and published by Cary in London, in 1821. 46 maps in delicate original colouring. Light foxing on 4 maps, otherwise in excellent condition. Price £360.

Setsu: *A New Handy Atlas of Japan.* Folding atlas (printed on one long, continuous sheet). Two volumes of woodblock maps in original colour. Published in Japan in 1837. Brief Japanese text. 76 maps in all, including one world map (with Japan at centre) and one general map of Japan. Remainder are of Japanese provinces and islands. One map with slight wormholing, one with small tear in the fold. Pencilled comments. Otherwise in good, clean condition. Price for the two volumes £600.

Sidney Hall: *A New British Atlas; comprising a series of 54 maps constructed from the most recent surveys.* Engraved in copper by Sidney Hall and with original colour. Published in London by Chapman & Hall. 1834 edition. Complete with 47 maps (including folding map, backed on linen, showing proposed railway lines). Very good, clean condition. Price £220.

Thomas Moule: *A Complete and Universal English Dictionary by the Rev. James Barclay...* 54 maps with 7 other plates and frontispiece. The maps are reissues from Moule's *The English Counties Delineated...*, all with decorative views and borders. Uncoloured. Browning in the borders and some spotting throughout. Three of the maps are extensively stained. Published in London in c. 1840. Price £800.

S.D.U.K.: *Maps of the Society for the Diffusion of Useful Knowledge.* World atlas in 2 volumes. 1844 edition. Published in London by Charles Knight & Co. Maps engraved by J. & C. Walker and bear the imprint of Baldwin & Cradock. Original outline colour. 207 single and double page maps, including celestial maps and town plans. Light foxing on a few of the maps, otherwise in very good condition. Price for the two volumes £550.

Adam & Charles Black: *Black's General Atlas of the World...* 1865 edition, published in Edinburgh. Maps drawn, engraved and printed in colours by J. Bartholomew. 56 single and double page maps and 1 plate of flags. Very slight foxing on one or two of the maps, but on the whole in very good, clean condition. Price £240.

Adam & Charles Black: *Black's General Atlas of the World...* 1882 edition, published in Edinburgh. Maps engraved and printed in colours by J. Bartholomew. 51 single and double page maps, with an introductory plate of flags. Very good, clean condition. Price £220.

The Map House of London (established 1907)

54 Beauchamp Place, Knightsbridge, London SW3 1NY. Telephone: 01-589 4325/9821.

John Airey's Undated Early Railway

The author of this article is a retired electrical engineer whose mother taught him the pleasure of watching the ever-changing panorama during tedious First World War train journeys. He still has his first railway book, given to him at the age of eight, and attributes his love of maps to the beauty and functional simplicity of the Railway Clearing House map of London and to the Popular Edition Ordnance Survey maps of Scotland which first appeared in 1924. Mr Garnett's map collecting grew rapidly after World War Two and he now has about 2,000 books and booklets on railways, a large number of old ordnance survey maps, railway maps, folded maps and single sheet maps. His collection of Airey and Railway Clearing House maps is one of the largest in existence. Mr Garnett is a

member of the Railway Club, the Friends of the National Railway Museum, The Railway Print Society, and the Railway and Canal Historical Society.

JOHN AIREY JOINED the 'Distances Section' of the 'Mileage Department' of the Railway Clearing House in June 1852. The Mileage Department was responsible for reckoning up the mileage run by one Railway Company's locomotives or vehicles over the lines of another company. Calculation of the precise distance between every station and goods depot on each Railway Company's system and every junction by which that Company could hand over traffic to another Company was the function of the Distances Section. Their calculations were based upon

Left:
Distances are given in tabular form in 'Distances between Stations and Junctions of the Railways' published by the Railway Clearing House, London, in 1907 (By courtesy of the author)

Right:
John Airey worked at the Railway Clearing House gathering information on distances, depots and junctions on the lines belonging to the different railway companies. Diagrams were prepared to clarify the interconnections, and Airey published eighty-four of these in 1867 as a private venture. Title-page (above right) and Diagram 1 from 'Railway Junction Diagrams', 1867 (By courtesy of the British Library)

LONDON AND SOUTH WESTERN RAILWAY.											
STATIONS, &c.		Acton Junction with N. & S.W. June.		Aldershot Junction with S. E. & C.		Andover, Red Posts Junction with M. & S. W. June.		Ash Junction with S. E. & C.		Barnstaple Junction with G. W.	
		Miles.	Chms.	Miles.	Chms.	Miles.	Chms.	Miles.	Chms.	Miles.	Chms.
Acton Jn. with N. & S.W. Jn.		...	...	34	64	67	0	36	8	210	40
Acton Lane Junction.....		0	40	34	47	66	63	35	71	210	23
Addlestone	{ Station	19	60	15	47	49	81	17	31	192	71
	{ Junction	20	55	14	51	48	85	16	35	191	75
Alderbury Junction		85	52	58	22	21	66	58	15	182	48
Aldershot	{ Town { Station	35	66	2	4	40	52	5	48	184	12
	{ Junction	34	23	0	41	39	9	7	11	182	49
		34	59	0	77	39	45	6	55	188	5
	{ Junction with S. E. & C.	34	64	...	...	39	50	7	52	188	10
Alresford		57	61	23	79	97	17	23	55	167	8
Alton		47	51	13	69	34	15	13	45	177	18
Amesbury		78	73	51	43	15	7	58	13	140	21
Amesbury Line Junction ..		74	67	47	37	11	1	54	7	135	53
Andover	{ Junction Station.....	65	43	38	13	1	37	41	63	144	77
	{ Town Station	66	10	38	60	2	24	45	30	145	64
	{ June. with A. & R. Line	65	33	38	3	1	47	44	53	145	7
	{ Red Posts June. with M. & S. W. Junction	67	0	39	50	...	...	46	20	146	54
Ascot and Sunninghill	{ Station	21	58	13	32	45	22	20	2	188	62
	{ Junction	21	37	13	53	45	43	20	23	189	3
Ash	{ Station (S. E. & C.) ...	35	48	0	64	40	34	0	64	183	74
	{ Junction with S. E. & C.	36	8	7	52	46	20	...	...	189	60
Ash Green		36	53	7	7	45	55	0	45	189	15
Ashbury and North Lew ...		205	13	177	63	141	27	181	33	49	41
Ashford		10	15	24	75	56	65	27	5	200	25
Ashtend		17	57	27	76	63	42	20	24	207	2
Ashwater		214	7	186	57	150	21	193	27	58	35
Axminster		143	75	116	45	80	9	123	15	66	45
Bagshot		24	67	10	23	42	13	16	73	185	53
Barnes	{ Station.....	3	23	32	17	66	1	33	41	209	41
	{ Junction	3	16	32	24	66	8	33	48	209	48
Junction Station.....		210	56	183	26	146	70	189	76	0	16
Town Station		211	28	183	78	147	42	190	48	0	68
Barnstaple	{ Quay	211	76	181	46	148	10	191	16	1	36
	{ Quay Junction..	211	50	184	20	147	64	190	70	1	10
	{ Steam Cabinet Works	210	77	183	47	147	11	190	17	0	37
	{ Siding	210	40	183	10	146	54	189	60	...	...
	{ Jn. with Hfracombe Beh.	210	59	183	29	146	73	189	79	0	19

Maps by David Garnett

Information supplied by the Engineering Department of each Railway Company and the information was collated into books which were printed for distribution to all parcel and goods receiving depots as well as for use in the Railway Clearing House. The first such book, of 200 pages, was published by the Railway Clearing House in September, 1853. Ten years later there were 671 pages.

Hand-drawn and coloured diagrams of inter-company junctions were prepared in the office to show the precise point of change in ownership and also to show if through-running, without reversal, was possible. Two bound books of these diagrams, prepared in or about 1859, are preserved in the Public Record Office at Kew.

Airey must have realised the usefulness of such diagrams to others outside his Section. With the approval of his employers and the connivance of the Railway Companies he published, as a private venture, a book of eighty-four pages of diagrams in January, 1867. The diagrams were either lithographs or intaglio prints, and hand-coloured. The oblong page size was about 160mm by 260mm and the book, with a five-page index, was hard bound and sold for half a guinea.

These books, entitled *Railway Junction Diagrams*, must have achieved immediate success. Supplements with additional (and later, revised) diagrams were published annually and Airey produced eight further editions, with ever more diagrams, before his business was bought out by the Railway Clearing House in 1895.

He quickly realised that there was one tiresome short-coming. In railway-congested areas, such as Manchester and London, where several Companies met in a small area, quite a simple

RAILWAY JUNCTION DIAGRAMS.

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C. W. COARD,

13, WARWICK COURT, GRAY'S INN, LONDON.

1867.

[Entered at Stationers' Hall.]

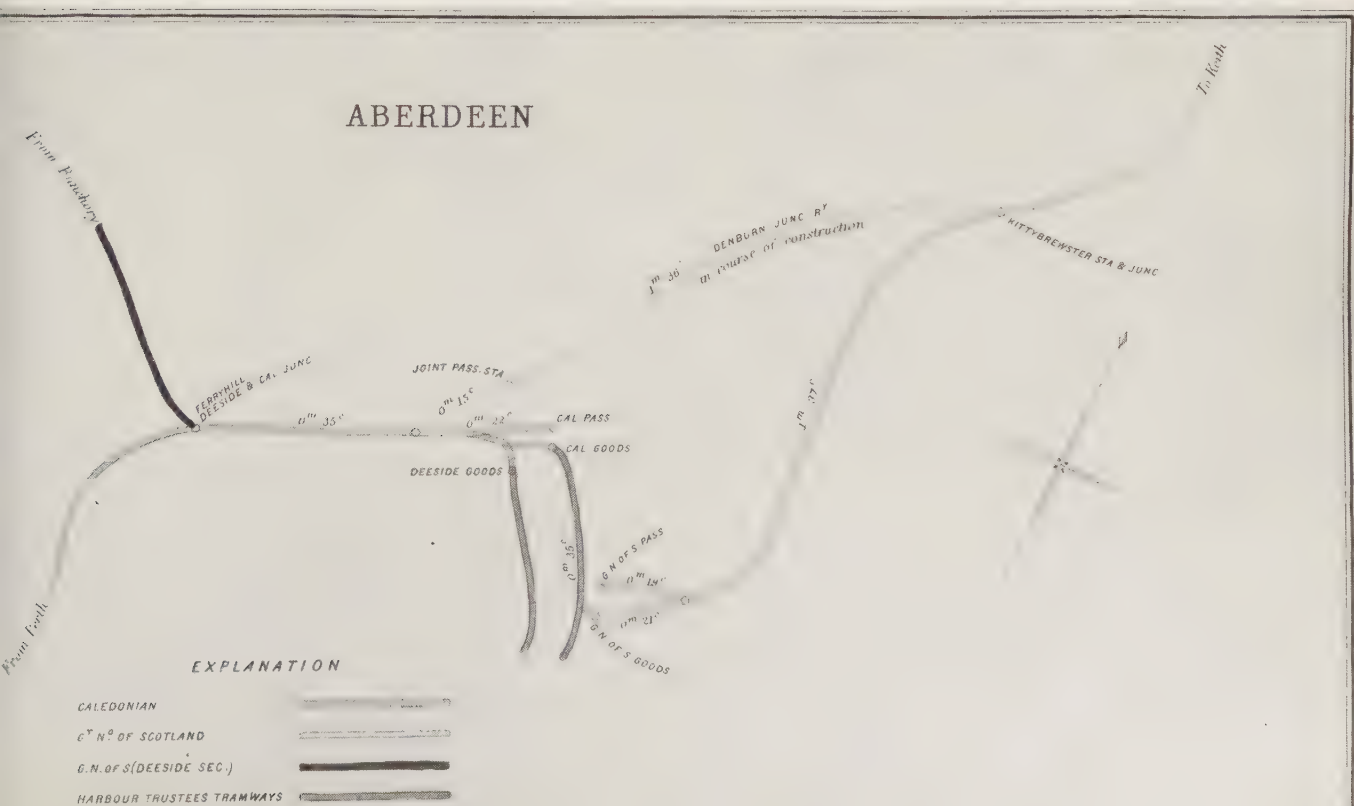


DIAGRAM OF
MANCHESTER & DISTRICT.

Scale 1/4 in. to a Mile.

Left:
Several diagrams and indexes would have been needed for congested railway areas, such as large cities. In 1869, John Airey produced one larger diagram for the Manchester area (By courtesy of the British Library)

Right:
In diagram 76 from the 1867 edition, the junction between the Midland and London and North Western Railways is shown as an abrupt right angle. This would not have been acceptable to a railwayman. For future editions, Airey transferred production to John Emslie & Sons who were more competent and conscientious engravers (By courtesy of the British Library)

routing needed reference to several diagrams and the index was of little help to anyone with limited knowledge of railway geography. He therefore prepared a much larger *Railway Diagram of Manchester* on a sheet measuring 39 by 57cm. This was published on April 15, 1869. It was lithographed and hand-coloured and should perhaps be described as 'a diagrammatic map of railways' since places occupied approximately correct relative positions. At first there were no other topographical details but the distance between station, siding or junction, and the next in each direction, was shown in miles and chains. A scale of One Inch to a Mile was stated and the map was 'Certified by the Companies' but carried no date. It was available flat or dissected and folded bookform in handsome thin-leather faced boards, with the title

gold blocked on the front. It was also available varnished and fitted with rollers.

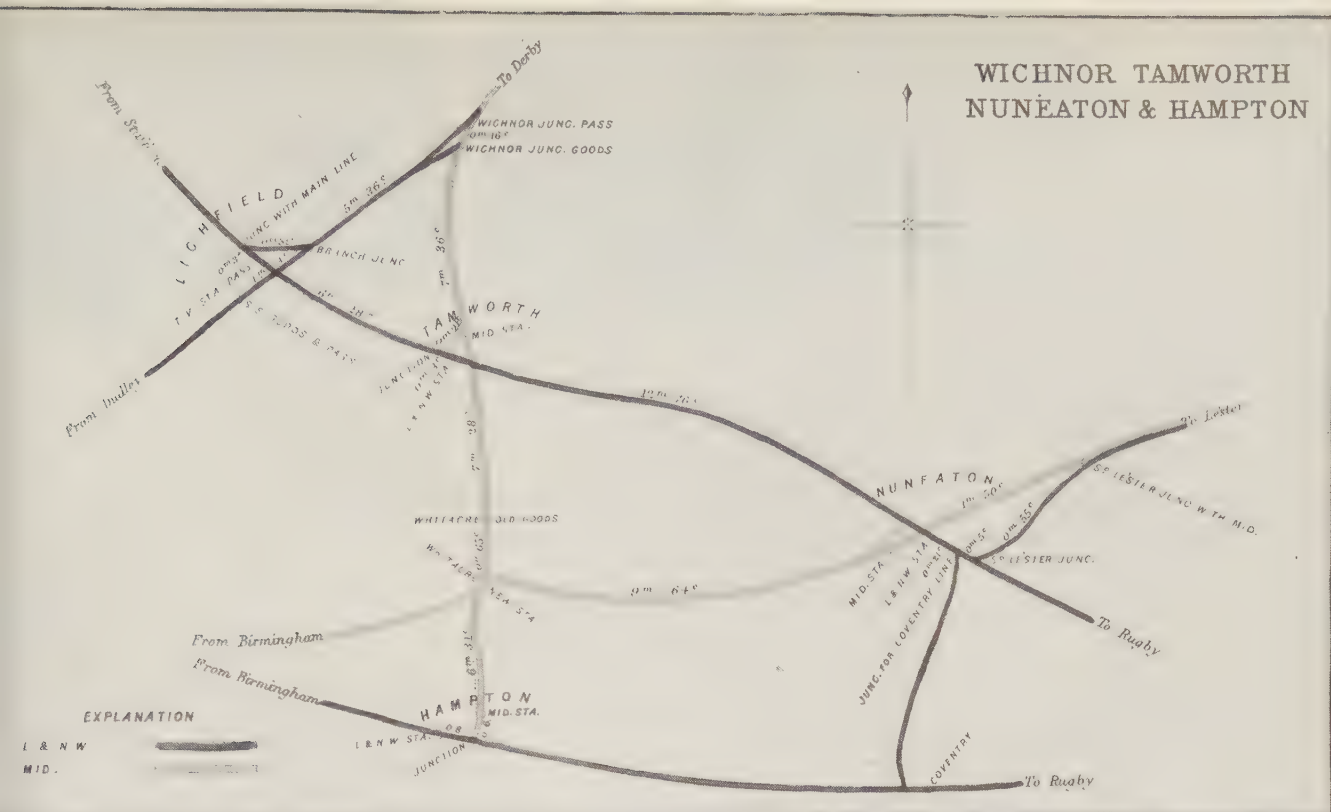
A similar and even larger *Railway Diagram of London* followed on November 4, 1869 and five more area maps were introduced in the next few years. For details, see the list which follows.

Airey soon adopted the word *map* instead of *diagram* and, later, included his own name in the title. None of these early maps were dated but in January, 1876 he began to put the date on the map face, underneath the title. For six months he included the month, but thereafter only the year. As the maps came up for revision various improvements were made. Canals, rivers and nearby towns were added but the basic clarity of railway information was never sacrificed.

JOHN AIREY'S UNDATED RAILWAY MAPS published in 1869 to 1875 inclusive. LIST OF KNOWN EDITIONS and VARIANTS

NOTE. Maps published in 1876 and subsequent years were dated on the map face.

EDITION	TITLE PREFIX NOTE 1	DATE OF PUBLICATION [ASCRIED]	KNOWN COPIES, SHELF MARKS & SIGNIFICANT ACCESSION DATES NOTE 2	SELECTED IDENTIFYING FEATURES
MANCHESTER & DISTRICT				
FIRST	1	15 April 1869	BM 3214 (3) 20 APR. 1869 BL C17: 37 (36) PRO MPS4 130a JRLib. R.108223	EXPLANATION table has seven lines and lacks enclosure.
[SECOND]	1	c. March 1871	PRO MPS4 130b SRO MPS(S)4 55	EXPLANATION table has nine lines.
[THIRD 'A']	* 3 *	[May/June 1875]	PRO MPS4 131 MCPL	Canals and rivers added. MANCHESTER CENTRAL shown open!
[THIRD 'B']	3	[Aug/Sept 1875]	Private collection	EXPLANATION table now enclosed. MANCHESTER CENTRAL shown under construction.
[FOURTH 'A']	3	1880	BL C17:37 (37)	The date is now lithographed.
[FOURTH 'B']	3	1880	DG	'RIVER MERSEY' added West of MARPLE.
LONDON and its SUBURBS				
FIRST 'A'	1	4 November 1869	BM 3485 (46) 7 NOV. 1869 BL C17: 40 (98) CUL Maps 72 87 1	River bridges not named.
FIRST 'B'	1	[Feb/March 1870]	PRO MPS(Y) 50 GL also NRM	River bridges named.
[SECOND 'A']	* 2 *	[Late 1872 or January 1873]	GL	'Fr. Bedford' just cuts top margin. No 'OTHER MAPS' listed in bottom margin.
[SECOND 'B']	2	[June/Nov 1873]	PRO MPS4 114 SRO MPS(S)4 46	'From Bedford' and 'Sidings' in top margin. 'OTHER MAPS' now listed in bottom margin.
[THIRD]	* 3 *	[July/Nov 1875]	PRO MPS(Y) 49 GL JRLib. R.108221	Title change.
[FOURTH]	3	JU?? 1876	DG	The lithographed date has been erased from the only known copy and the month cannot be deciphered. This copy has expert manual additions and date '1877.'
[FIFTH]	3	1877	DG	The date is lithographed.
SOUTH WALES [No. 1] (30" by 22")				
FIRST 'A'	1	5 October 1870	BM 6098 (12) 18 OCT. 1870 BL C17: 10 (40) CUL Maps 36 87 16 NLS Map. 1.25.43	On Rhymney Railway, Mileage between CEMETERY and CARDIFF PASS, is clearly 1m 16c. There are only five names between ABERDARE STA. and BWLLFA COL. SID.
[FIRST 'B1']	1	[Late 1870 or early 1871]	PRO MPS4 153 NLW	Mileage quoted is still 1m 16c. Now nine names lithographed between ABERDARE STA. and BWLLFA COL. SID.
[FIRST 'B2']	1	[1871 by 8 Apr.]	PRO MPS4 152 Private collection DG	Above mentioned mileage is now a confusion between 1m 16c and 1m 10c. The latter is predominant.
NOTE. Many [FIRST 'B1'] and [FIRST 'B2'] have numerous manuscript additions against the Monmouthshire Railway.				
[SECOND 'A']	* 2 *	[Early 1872]	NLW	Above mentioned mileage now clearly 1m 15c. North Point is South East of ABERGAVENNY. Gauge details listed in top left corner.
[SECOND 'B']	2	[Late 1872]	BM Maps 6.a.53 SRO MPS(S)4 68	North Point is North West of ABERGAVENNY. No Gauge Details in top left corner.
[THIRD 'A']	2	[May/July 1874]	BM Maps 2.a.57 NRM	No 'OTHER MAPS' listed in bottom margin.
[THIRD 'B']	2	[July/Aug 1874]	NLS FME. b.4.30	North Point again S.E. of ABERGAVENNY. 'OTHER MAPS' listed in bottom margin.
[FOURTH]	* 3 *	[March/Nov 1875]	PRO MPS4 154	At Brecon: 'MOUNT STREET PASS.' At Brecon: 'MOUNT STREET GOODS'. No canals or rivers shown. Canals and rivers added.



Numerous other maps followed, all bearing a date and so outside the scope of this article. Many of the maps were revised annually during the years of railway expansion and 160 different editions of his fifteen maps are now known but new 'finds' show up in time to time.

New editions of the *Railway Junction Diagrams* book were published in 1870, 1872, 1875, 1883, 1888 and 1894 but Airey did not begin to date individual sheets until 1892 and only the new or revised sheets in the 1894 edition were dated. Between editions, maps were sold, updated with the supplements which had been added since publication. Many of these had a new title page, giving the year of issue. This gave the false impression of being a new edition, recognisable only by a new main index and the

absence of any supplementary indices.

Only two editions were deposited in copyright offices, the first and the sixth, and 'as issued' copies are rare indeed. Most copies preserved are working copies which have been updated, sometimes for many years, by sticking in the new and amended diagrams and supplementary indices and often by destroying those superseded.

The writer has been able to acquire photocopies (in black and white of course) of all editions 'as first issued,' except those for 1883 and 1894 which he has painstakingly reconstructed from several sources. He believes he now has all but four of the 700 undated diagrams issued by John Airey, together with many of the coloured originals.

WICHNOR TAMWORTH NUNFATON & HAMPTON	3	[March/May 1875]	Private collection	The sheet has been enlarged. Alexandra Dock not shown at NEWPORT Alexandra Dock is shown at NEWPORT. The date is now lithographed.
WICHNOR TAMWORTH NUNFATON & HAMPTON	3	[Nov/Dec 1875]	JRLib. R.108218	
WICHNOR TAMWORTH NUNFATON & HAMPTON	3	MAY 1876	PRO MPS4 155	
WICHNOR TAMWORTH NUNFATON & HAMPTON	2	20 November 1871	BM 5895 (21) 5 DEC. 1871 BL C17: 63 (41) CUL Maps 36 87 17 PRO MPS4 168 & 169 JRLib. R.108225.1	North Point has Half Cardinals; no less. No 'OTHER MAPS' listed in bottom margin.
WICHNOR TAMWORTH NUNFATON & HAMPTON	* 3 *	[May/Sept 1874]	PRO MPS(Y) 57 PRO MPS4 170 JRLib. R.108225.2	North Point now has Three-letter Points. Five 'OTHER MAPS' quoted. EXPLANATION TABLE has 17 lines. Seven 'OTHER MAPS' quoted. EXPLANATION table now has 19 lines. The date is now lithographed.
WICHNOR TAMWORTH NUNFATON & HAMPTON	3	[Nov/Dec 1875]	DG	
WICHNOR TAMWORTH NUNFATON & HAMPTON	3	1877	MPS4 171a	
WICHNOR TAMWORTH NUNFATON & HAMPTON	2	14 February 1873	None consistent with date	Registered at Stationers' Hall 17 March 1873.
WICHNOR TAMWORTH NUNFATON & HAMPTON	2	[Early Sept 1873]	BL C17: 37 (43) CUL Maps 36 87 15 PRO MPS4 96 & 97 NLS Maps.1.25.25 SRO MPS(S)4 38	Last line in EXPLANATION table is: WREXHAM & MINERA. Four 'OTHER MAPS' quoted.
WICHNOR TAMWORTH NUNFATON & HAMPTON	2	[Late Sept 1873]	BM 3155 (17) 20 AUG. 1875	Last line in EXPLANATION table is: L & NW (MOLD & DENB.). The Copyright copy! Six 'OTHER MAPS'.
WICHNOR TAMWORTH NUNFATON & HAMPTON	* 3 *	[January 1875]	DG	Seven 'OTHER MAPS' quoted.
WICHNOR TAMWORTH NUNFATON & HAMPTON	3	[Early Nov. 1875]	Private collection	The date is now lithographed.
WICHNOR TAMWORTH NUNFATON & HAMPTON	3	1877		
WICHNOR TAMWORTH NUNFATON & HAMPTON	2	19 May 1874	BM 5100 (11) 15 SEP. 1874 BL C17: 5 (24) CUL Maps 36 87 18	River Severn is only river shown.
WICHNOR TAMWORTH NUNFATON & HAMPTON	* 3 *	[Nov/Dec 1875]	DG	Canals and other rivers added.
WICHNOR TAMWORTH NUNFATON & HAMPTON	3	1880	PRO MPS4 240	The date is now lithographed.
WICHNOR TAMWORTH NUNFATON & HAMPTON	3	1 January 1875	BL C18: (175) CUL Maps 121 87 1 PRO MPS4 199 SRO MPS(S)3 18 SRO MPS(S)4 61	Shows CROSSHILL station South of MAYBOLE in Ayrshire.
WICHNOR TAMWORTH NUNFATON & HAMPTON	3	[Before Sept 1875]	BM 7340 (7) 30 AUG. 1875	CROSSHILL station omitted. (Closed 1862).
WICHNOR TAMWORTH NUNFATON & HAMPTON	3	May 1876	DG	The date is now lithographed

Information given in the last column is sufficient only to differentiate the versions shown. It is not sufficient to identify unrecorded versions, for which the compiler has comprehensive lists of differences at Pear Tree

ge, Little Somerford, Wilts. SN15 5JP

ic publication dates quoted against first editions are from the Stationers' Hall Register.

E1 Title 1: 'RAILWAY DIAGRAM OF--'

Title 2: 'RAILWAY MAP OF--'

Title 3: 'AIREY'S RAILWAY MAP OF--'

E2 LOCATION ABBREVIATIONS:

BL Bodleian Library, Oxford University.
BM British Library at the British Museum.
CUL Cambridge University Library.
DG The Compiler's collection.
GL Guildhall Library, London.
JRLib John Rylands (Manchester University) Library.

MCPL Manchester Central Public Library
NLS National Library of Scotland, Edinburgh
NLW National Library of Wales, Aberystwyth.
NRM National Railway Museum, York.
PRO Public Record Office, Kew
SRO Scottish Record Office, Edinburgh

repared originally for the JOURNAL of the Railway & Canal Historical Society and published in March 1979, Volume XXV No. 1, with subsequent amendments.

Seventh Nebenzahl Lectures A Success

Report by Jeffrey Stone

THE SEVENTH IN the triennial series of Kenneth Nebenzahl, Jr. lectures in the history of cartography commenced on the evening of 27 October 1983 with a dinner in honour of the lecturers, hosted by Jossy and Kent Nebenzahl in the resplendent surrounds and the awesome vantage point of The Tavern Club, high above North Michigan Avenue in the heart of Chicago. Fortunately, the generous hospitality did nothing to blunt the intellect, and indeed may have sharpened the spontaneous good humour of Sarah Tyacke of the British Library Map Room, who later that same evening gave the opening lecture on the sources of English chart makers in the sixteenth and early seventeenth centuries.

The theme of the series was 'Maps in the Making – the various sources of printed maps', a theme closely adhered to by David Buisseret, Director of the Hermon Dunlap Smith Centre for the History of Cartography at the Newberry Library, and the organiser of the lecture series, who delivered the second lecture on the morning of 28 October. In structuring the programme (see *TMC*, 24, p. 41), Dr. Buisseret had discerned several recurring themes in the lecturers' texts, namely the use of earlier maps, of improved instrumentation, of local informants, and enhanced technological skills. At least three of these sources were relevant to the subject matter of all seven speakers and in Dr. Buisseret's study of the origins of the maps of the French cartographer Christophe Tassin, much archival evidence of the use of earlier maps was displayed. The subsequent contribution by Jeffrey Stone (University of Aberdeen) on the origins of Blaeu's depiction of Scotland also referred to the rare phenomenon of extensive surviving manuscript sources, but for the purpose of evaluating the effect of engraving upon the content and accuracy of the printed map.

The order of presentation was approximately chronological, so that the two papers on the afternoon of October 28 transferred attention from Europe to North America and Asia, in considering first, the mapping of the Great Lakes. In this context, Helen Tanner of the Newberry Library, made much of the remarkable inland navigational abilities and trans-continental



Kenneth Nebenzahl (left) pictured enjoying a glass of wine and (right) Theodore Foss, Anne Godlewska and George Kish sharing a joke. All were pictured at a reception to mark the seventh Kenneth Nebenzahl lectures. (Photos by Jeffrey Stone).

travels of Indian peoples, who therefore had much to contribute to cartographic knowledge. Then Theodore Foss (University of Illinois) displayed the special skills of the Sinologist in carrying the series forward to the eighteenth century by examining the role of the Jesuits in the mapping of the Chinese empire.

The remaining two papers delivered on the morning of Saturday October 29 were set in the nineteenth century and permitted Africa to be added to the coverage. Anne Godlewska (Clark University) added substance to the published summary of her remarkable study of the sources of the Napoleonic *Atlas de l'Egypte* (*TMC*, 24, pp. 2-8), although an hour of fast talking could only indicate in outline the depth and also the technological breadth of her work. The concluding paper by Norman Thrower (University of California) appropriately returned to North America for its subject, in a finely illustrated study of the scientific reconnaissance survey of the arid area between the upper Rio Grande and the lower Colorado River by Lt. W. H. Emory of the U.S. Army Corps of Topographical Engineers in 1846.

The Newberry Library was still undergoing major alteration and repair at the time of the meeting, so that lectures were held in the adjacent Scholl College and in the splendid auditorium of the Chicago Historical Society, close to the lake shore. The walk between the two venues was a pleasure in the warm sunshine and bright blue skies which the climatological texts prescribe as characterising the Midwest fall. However, the reception following the first lecture was held in the Newberry Library which gave all of the 150 or so participants an opportunity to traverse the wet concrete and decorator's trestles which made movement hazardous!

A concluding seminar was also held in the Newberry Library, under the chairmanship of Brian Harley, on the afternoon of the final day. This brought the lecturers into dialogue with their audience and with each other for the first time, as questions had unfortunately not been possible after each individual paper. It quickly became apparent that there were terminological problems in the study of the way that maps were made,



although not all were agreed upon the magnitude of the problem. Whereas there was need for a single language, there was the danger of its formulation becoming an end in itself. Nevertheless, common ground in the work of all the speakers was discernible, despite the time span of some three centuries and the geographical diversity of the maps under study. In some cases, these were common denominators which could only become apparent when deliberately brought together in a series of lectures such as this. One thinks, for example, of the number of references to unforeseen events which had major adverse consequence for the cartographers. Clearly, the unpredicted and unpredictable is a significant influence on the product of a chain of scientific processes which, paradoxically, would seem to necessitate meticulous planning. Further and less mundane common themes will assuredly emerge with the editing and publication of the seven papers in a single volume under the Newberry Library imprint. David Buisseret is already at work as editor and plans an early publication date.

A very large number of early maps were displayed in reproduction during the lectures. The theme of the series gave rise to papers which seemingly led to spontaneous requests by no less than six of the seven lecturers for twin projectors, so that visual comparison could be made between maps and sources. However, not all was as clearly visible as it might have been, and by contrast, the last speaker's use of single slides which could each be enlarged to the limits of the screen, was salutary. Perhaps the lesson is purpose-made single slides, each containing the twin subjects which are being compared, if time and cost permit.

It was a great pleasure to see Ken Nebenzahl present at all of the sessions, despite the fact that many of the participants must have taken the opportunity to visit the premises of Kenneth Nebenzahl Inc. and admire his magnificent stock of books and maps. The seventh series of Nebenzahl lectures was a memorable event, organised with great efficiency in difficult circumstances by the staff of the Newberry Library and in particular by David Buisseret.

PROFILE

A Tribute to Walter W. Ristow to mark his 75th Birthday

by Valerie G. Scott

IN THE MAP collecting world, curators of pre-eminent collections play a special role. Walter W. Ristow, who celebrated his seventy-fifth birthday in 1983, is one such curator. He has dedicated most of his professional career to promoting and caring for the map collection of the Library of Congress in Washington and, in the words of Dr Helen Wallis, director of the Map Room at the British Library, 'may be accounted one of the most influential figures – perhaps the most influential figure – in map librarianship in the United States. He has won



Walter Ristow (Photo by Edward Dahl).

the highest international standing in his field and has been a good friend and colleague in the world-wide community of map librarians which has grown up over the last thirty years.' (*The Map Librarian in the Modern World*).

Although Walter retired as chief of the Geography and Map Division at the Library of Congress in 1978, he still spends several days a week there working on his numerous projects. He is a most unusual person because he has, in fact, pursued a dual career devoting his energies equally to scholarship and map librarianship. He has served as a highly valued adviser to

The Map Collector for the past six years and continues to co-ordinate the series on treasure house libraries in the USA which has brought to the public a great deal of (previously unpublished) information about the holdings of these libraries.

Walter, who was born at La Crosse, Wisconsin, was the grandson of German immigrants. He earned his BA degree in geography from the University of Wisconsin, Madison, in 1931. He had entered university intending to study journalism but his interest in maps, fostered during a holiday job at the Standard Oil Company of Indiana, where distributing oil company road maps was one of his tasks, had him changing course to geography. Two years later he earned an MA degree from Oberlin College in Ohio and, in 1937, was awarded a PhD from the Clark University Graduate School of Geography.

His map curator career began that same year at the New York Public Library where, in the nine years he spent there (apart from wartime services from 1942-44), he served as

Around and About

Helen Wallis, Director of the Map Room at British Library, will be the keynote speaker at the eighteenth international conference of the Association of Canadian Map Libraries to be held in Fredericton, New Brunswick, Canada, on June 10-22. The theme of the conference is 'Disasters and Mapping. Planning, Production and Use of Maps in Disaster Management'. Included on the programme are flood mapping, seismic mapping, disaster contingency planning and the Gulf of Maine boundary question. The conference, hosted by the Provincial Archives of New Brunswick and the University of New Brunswick, will coincide with the celebration of the Bicentennial of the Province of New Brunswick. Further information from: William Macdonald, ACML Conference 1984, c/o Provincial Archives of New Brunswick, P.O. Box 6000, Fredericton, New Brunswick, E3B 5H1.

Ray B. Post, who has been in charge of the collection at the Free Library of Philadelphia, USA for the past nineteen years, has been asked to take up a post as Library Co-ordinator in the Office of Work with Adults and Young Adults. Mr Post, who wrote an article for *The Map Collector* titled 'The Mountains of Brobdingnag and Other Matters' Issue 23, is well known in the map world both for his achievements at work and his good humour. He describes his years dealing with maps as the 'best of my life' and says that Nancy Pruett put it best when she said map librarianship was 'better in real life.'

Members of the New York Map Society have been busy recently. In November they had a trip to Yale University's map collection to help with the exhibition, 'Maps of New York' when the curator, Mrs Barbara McCorkle gave a tour and talk. In December the Society met at the Map Collectors' Club at 46 East 70th Street, New York to hear a talk on 'Maps of Cornwall' and in January they met at the Museum of Natural History, New York, to hear a talk by George G. Fisher, who is in charge of categorising maps and atlases for Sotheby's. Anyone wishing to join should send \$10 to:- New York Map Society, c/o The Map Division, New York Public Library, 42nd Street and Fifth Avenue, New York, NY 10018.

Map exhibition was held in the National Museum of Reykjavik in Iceland from October to November 27, showing ninety-eight maps and books relating to Iceland and the North Atlantic. They were from the collection of Oswald Eymann, Eimbecke, Icelandic Consul in Hamburg, the Sedlabank (Centra Bank) and the University of Iceland. The museum itself displayed the Danish manuscript map by Hans Egede of 1723. The introductory speech

was given by Mr Dreyer-Eimbecke and the opening was made by the director of the museum, Thor Magnusson, and was also attended by the President of State, Mrs Vigdis Finnbogadóttir.

The Map Society of the Delaware Valley had a special guest lecturer for its fall meeting. It was Richard W. Stephenson of the Geography and Map Division, Library of Congress, Washington, who spoke about the Henry Harris collection of publications, papers, and maps pertaining to the early exploration of America. Membership information from Robert Hornick, 2401 Penn. Avenue, 18B30, Philadelphia, PA 19130, USA.

The fifth season of the Washington Map Society began its first meeting at the Folger Library with a wine and cheese social followed by a lecture on 'Christopher Columbus - The Search for San Salvador'. Dues of \$10 to be paid to Robert Hansen, 3051 Idaho Avenue, M.W. 222 Washington DC 20016, USA. The next meeting of the Society will be held on March 20 at 7.30 pm at the Geography and Map Division, Library of Congress with the topic 'Mapping of Maryland 1608-1984'.

Professor Arthur Robinson of the University of Wisconsin-Madison has been awarded the first Helen Culver Gold Medal for distinguished contributions to cartography to be granted since 1973.

Westbury author, John Booth, was surprised recently to receive a request for permission to reproduce one of the prints illustrated in his latest book *Looking at Old Prints*, from Rio de Janeiro. The request was received from Spala Editora one of the leading fine art publishers in Brazil who wish to reproduce one of John Senefelder lithographs in a new book '1834' which will deal pictorially with the events of that year.

A meeting of the International Map Collectors' Society will be held in York on June 9 in the Minster Library, Dean's Park. The programme will include 'Something Different', a talk by Clifford Stephenson and Heather Lawrence on 'not quite the run of the mill' maps on display. Michael Loyne, Director of Museum Service in Yorkshire, will speak on 'Preventive Conservation and Storage of Maps' and the President of IMCoS, Rodney Shirley, will give an illustrated talk 'Collecting British Isles Maps.' Further information from Stephen Luck, 01 486 9052 or Clifford Stephenson, 0484 26414. A train leaves Kings Cross at 8 am, arriving York 10.10am.

David Buisseret of the Newberry Library, Chicago, Illinois, writes that he has recently

Associations; as a member of the Association of American Geographers (he was secretary from 1949-51), the National Council for Geographic Education, the Special Libraries Association (he received an Honors Award from the SLA's Geography and Map Division), American Congress on Surveying and Mapping (Honorary Member), Society for the History of Discoveries, American Association for the Advancement of Science and the Hakluyt Society.

He is equally distinguished as a scholar and during his career, and subsequently, has been a prodigious author on all aspects of cartography. His particular specialisation has been in the commercial cartography of nineteenth century America. In the festschrift published to mark his retirement, *The Map Librarian in the Modern World: Essays in Honour of Walter W. Ristow* (Saur, 1979) twenty-seven pages are required to list Walter's prolific publishing output - 227 items in all.

His retirement has not meant an end to his studies on early maps. He continues to research

received from the National Endowment for the Humanities a grant for commissioning contributions to a manual of map use for historians. This manual, which will eventually describe about eighteen different map types will be designed for use in history teaching and research, but ought as well to interest a wider audience.

Carson Clark writes to tell us that some changes have taken place at Scotia Maps Gallery (now known as the Carson Clark Gallery) in The Royal Mile, Edinburgh. Carson's son, Paul, took over as manager in June and Carson became consultant and buyer travelling extensively in order to keep up the fine quality stock associated with the business. Paul, who is 27, brings with him his own individual style to the job. He had his first taste of the antiquarian world at the age of 17 as a part-timer working in the gallery on Saturdays. Carson says that collectors can be assured of a continued high standard of personal service. A regular feature at the gallery is the monthly theme exhibition specifically designed for the collector covering subjects like the Blaeu maps of Scotland, Sea Charts of the world and the fine aquatint drawings of Robson depicting the Grampian mountains.

Sarah Tyacke of The British Library Map Room has been appointed a joint honorary secretary of the Hakluyt Society with Terence Armstrong of the Scott Polar Research Institute.

LATE NEWS

Two well known figures in the map world have died. Marcel Destombes, the French collector and scholar who had a life long interest in the history of cartography with particular reference to Chinese mapping, died in December. He had been awarded an honorary degree in the Spring of 1983 at the State University of Utrecht and was a member of L'Académie de la Marine in Paris and a long serving member of the board of *Imago Mundi*. Warren Howell of John Howell Books of San Francisco has also died suddenly.

at the Geography and Map Division, to serve as editorial adviser to *The Map Collector* and to write. The current project is a major work on the nineteenth century American commercial cartographers which is due for publication in 1984.

Walter and his wife, Helen - who is well-known to historians of cartography - have lived in McLean, Virginia, for the past thirty-two years and have three sons and three grandchildren. When I asked Walter what he would best like to be remembered for, he answered, 'my family'. This, to me, sums up a man who is loved both in his personal and professional life.

In the preface to his festschrift, Daniel J. Boorstin, (Librarian of Congress) says, 'Dr Walter Ristow's achievements as a scholar-librarian are an inspiration to all of us who believe that the dual career promotes the prosperity of both the world of scholarship and of the libraries who serve that world.' That only leaves us to congratulate him on his seventy-fifth birthday.

NEWS



Portolan Fetches £5200

The Northern Hemisphere from Canada to 'Iapam' (Japan) is shown on the surviving section of an unrecorded chart which reached £5200 at Sotheby's on 1st December. This Portuguese map is similar to the work of Fernão Vaz Dourado and has been dated c. 1580. There is also an Ottoman inscription dated to August 1038 (i.e. 1638). The Portuguese standard appears at both ends of the known world, marking

both Canada and Japan. The map was probably part of a chart of the world and may have included the whole of Africa and the eastern coast of America down to the Plate estuary. Many early charts were damaged by fire or water. This map faced a further hazard – its edges show 'traces of rodent damage' [i.e. rats found it tasty!] (By courtesy of Sotheby's).

'Mapping The North American Plains'

Report by
Ralph E. Ehrenberg

AN EXHIBITION entitled 'Mapping the North American Plains,' documenting about 350 years of exploration and mapping of this area by early cosmographers, explorers, soldiers, travellers, and scientists was on display at the Library of Congress from August 10 to November 15, 1983. More than seventy maps traced the image of the Plains from the sixteenth century to the turn of the twentieth century.

Mounted in five sections, the display represented major phases of North American Plains' mapping. The sections included general maps of North America by sixteenth century European cosmographers and geographers which were based on vague notions of the continental interior; maps by French, English, and American explorers derived from native accounts and personal observation; maps prepared by soldiers for military purposes; detailed, large scale map series initiated by Federal mapping agencies in the United States and Canada; and commercial maps used for display, travel promotion, and business purposes.

Amongst the most unique maps were manuscripts drawn by early fur traders associated with the Hudson's Bay Company, the North West Company, and the Missouri Fur Company, and original route maps from the Lewis and Clark and Zebulon Montgomery Pike expeditions. Also included were four maps drawn by American Indians to guide explorers or to illustrate military campaigns; George Gibb's annotated map of the West showing Jedediah Smith's travels and discoveries; Nicholas King's maps of the West drawn at the request of Thomas Jefferson and annotated by Meriwether Lewis; an explorer's map annotated by Thomas Jefferson; and a book of maps made for Prince Alexander Philip Maximilian prior to his trip up the Missouri River in 1833.

Although most of the maps were from the collections of the Library of Congress, other public and private collections in the United States and Canada represented were the National Archives of the United States, Public Archives of Canada, Yale University, Joslyn Art Museum, Manitoba Provincial Archives, Hudson's Bay Company Archives, Nebraska State Historical Society, and the American Geographical Society Collection, University of Wisconsin-Milwaukee. A portion of the exhibition was originally displayed in the spring of 1983 at the University of Nebraska-Lincoln in the gallery of the Center for Great Plains Studies to commemorate the 150th anniversary of Prince Maximilian's expedition to the plains.

Ralph Ehrenberg, Assistant Chief of the Geography and Map Division, served as curator for the exhibition. A brochure providing a brief checklist of the exhibition is available upon request from the Geography and Map Division, Library of Congress, Washington, D.C. 20540. An exhibition catalogue is in preparation.

Forthcoming Events

- | | |
|------------------------|--|
| March 5, 1984 9.30am | Map and Print Fair, Bonnington Hotel, Southampton Row, London WC1. |
| March 10, 1984 10.15am | IMCS agm and one-day seminar, Roxby Building Myrtle Street, Liverpool. |
| March 17, 1984 | New York Map Society meet at Richard Lederer's home, Scarsdale, New York. |
| March 20, 1984 7.30pm | Washington Map Society meeting, Library of Congress, Washington DC. (Mapping of Maryland 1608-1984) |
| April 7 & 8, 1984 | Cyprus Symposium of IMCS and Cyprus Association of Map Collectors, Nicosia, Cyprus. |
| April 9, 1984 | Map and Print Fair, Bonnington Hotel, Southampton Row, London WC1. |
| April 30, 1984 | Opening of Roanoke Exhibition, British Library, Great Russell Street, London WC1. |
| May 7, 1984 9.30am | Map and Print Fair, Bonnington Hotel, Southampton Row, London WC1. |
| May 17, 1984 | Washington Map Society annual dinner. Venue to be arranged. |
| June 9, 1984 10.30am | IMCS meeting in the Minster Library, Dean's Park, York. |
| | Varied programme including talk on conservation and collecting British Isles maps. |
| June 19-22, 1984 | Association of Canadian Map Libraries Conference, Fredericton, New Brunswick, Canada. Topic 'Disasters and Mapping.' |
| August 6-10, 1984 | Seventh International Cartographic Exhibition, Congress Hall, Perth, Australia. |

Rare Norden manuscript at £1,815

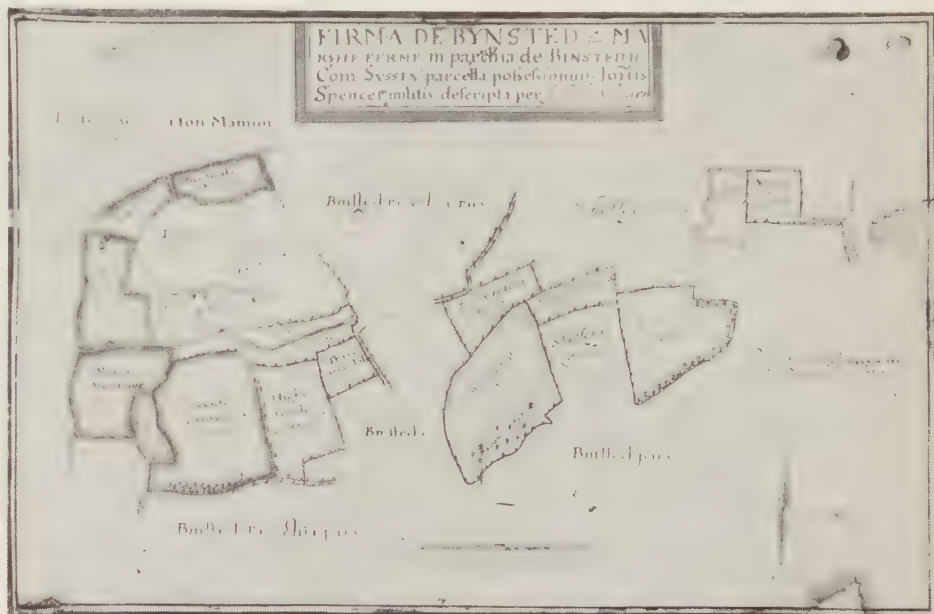
his Rare Manuscript map by John Norden signed and dated 1606 was sold in auction at Sotheby's in November for £1,815. Heather Lawrence, who is an expert on the subject of Norden's maps told *The Map Collector* that it shows the several parcels of land comprising Binsted, or Marsh Farm in the parish of Binsted, Sussex. The farm was part of the possessions of Sir John Spencer, former Lord Mayor of London and an extremely wealthy merchant and moneylender. His vast fortune was founded on sheep farming in Northamptonshire and he was at that time transferring his capital and putting it into land. Spencer owned several other estates in Sussex, all of which were surveyed by John Norden in 1606. A volume containing many of these Sussex surveys and maps, including one of Binsted Farm, is now in the National Library of Wales (NLW 5112 E).

Comparing the map of Binsted Farm in the National Library with the one recently sold, it is found that the former is slightly smaller overall and that though the field names and other text is basically the same, Norden uses more Latin on the Sotheby's one. The total acreage is given as 139 acres 1 rood 3 perches, but Robert Davies of the National Library of Wales in studying Norden's written survey of the farm, which gives areas of each field, observed that Norden used dayworks in his measurements, the total being given as 139 acres 1 rood 0 dayworks 3 perches. This was a measurement (4 perches to a daywork and 10 dayworks to a rood) frequently used by Saxton but rarely by other contemporary surveyors. The scale in the map is given as by the statute measure of 6½ feet to the perch: 'Scala Perticarum 16½ pedū'. It is crudely coloured in green and a now faded brown, with the roofs of the buildings, part of the compass indicator and three sides of the title box picked out in a still bright red. West is to the top of the map.

Several of the Sussex maps are known in duplicate. It seems that Norden must have prepared one for the owner, Spencer, and another for the 'tenant'. This manuscript passed to subsequent owners of the farm and was sold recently by descendants of

one time owners. In the centre of the map can be seen two fields both named Fowr(e) acre field: in the National Library map the larger is named Seauen acre field suggesting that that map was the original and the one illustrated was copied from it (a little inaccurately) for the tenant.

Other maps of Spencer's Sussex estates by Norden can be seen in the West Sussex Record Office and in the Petworth House Archives. Spencer also employed Norden to survey and map his recently acquired lands in the parish of Barley, Hertfordshire (B.L. Add. Ms. 42508). If any reader knows of others I should be delighted to hear from them.



'Magnificent' Library Auctioned

On February 1st a "magnificent library... formed by a collector resident abroad" was sold at Sotheby's. The catalogue, beautifully illustrated in full colour, had marked the sale as something special and the interest of the Press was aroused by a fine copy of Audubon's *Birds of America* which reached £1,100,000. The library also contained five atlases, all in full contemporary colour and some heightened with gold. They were exceptional books which reached exceptional prices: Pieter Goos' *Zee-Atlas* (1669), £26,000; A. H. Jaillot's *Le Neptune Francois* (1700-1710), £36,000; Abraham Ortelius' *Theatrum Orbis Terrarum* (1592), £58,000; Ortelius' *Theatro del Mondo* (1608), £36,000; Reiner and Josua Ottens' rare *Atlas* (c. 1730) £88,000 (all exclusive of 10% Premium). These prices, which are startlingly high compared to their estimates and the amounts made by more run-of-the-mill editions, reflect the quality of the atlases. A Sotheby's representative (who could be thought partisan, but whose opinion is recorded) said that only superlatives were possible. The next main atlas sale at Sotheby's will be in May (see the advertisement in this issue for more details). Those who knew the former librarian of the Royal Geographical Society, Gerald R. Crone, who died two years ago, will be interested to know that his library will be sold by Sotheby's during the next Auction period.

IMCOS Bristol Meeting

Report by Alan Bartlett

THE OCTOBER meeting of the International Map Collectors' Society was held in Bristol. Members first visited St Nicholas Museum, close to the birthplace of Sebastian Cabot, and then went on to the City Museum and Art Gallery where, after examining the large number of maps and views of old Bristol on display, Anne Campbell MacInnes spoke on 'Bristol and the Discoveries of the New World.'

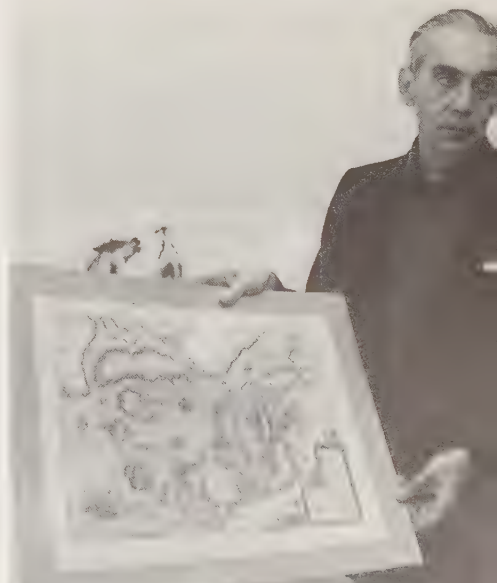
The history of New World exploration from Bristol was traced in detail from the trading voyages of the fifteenth century through the abortive searches for a North West Passage – which early maps seemed to indicate – to the period of colonisation of the southern part of North America, of plantations and the slave trade. It was evident that the early Bristol voyagers, while having some Spanish or Portuguese charts available, relied largely on word of mouth information.

Finally, members were interested to learn that Bristol City Archives contains a considerable collection of ships' logs with sketched charts and plans, some dating from the late fourteenth century.

New Map Gallery in Finland

A map enthusiast, Mr Pertti 'Petrus' Koistinen and Mrs Minna Paavolainen, have opened a new art gallery in Helsinki, Finland, called Galleria Duetto which will stock early maps.

They held their first exhibition 'Septentrionalium Regionum' recently displaying fifty-five items. Our picture shows Mr Koistinen with Abraham Ortelius' famous map 'Septentrionalium Regionum Descrip.' Other items on display were the 'Tabula moderna Prussia Livonie et Gotie' from the 1507 Rome edition of Ptolemy, the set of maps from Joh Nordenanckers Swedish see-atlas (Stockholm 1719-1800), the Hermelin maps, maps from the Swedish Royal Geographical Office and maps by Erik Dahlberg. The Finnish map collectors' club, Chartarum Amici, was invited to the opening.





Some of the participants of the History of Discoveries AGM hosted by the National Map Collection, Public Archives of Canada, Ottawa, pictured viewing some of the maps on display in honour of the occasion.

Rare Miniature Atlas Stolen

A rare French edition of Abraham Ortelius' miniature atlas, worth £1200, *Abrège du Théâtre*, was stolen recently from the shop at 9 Gillingham Street, London SW1, belonging to Thomas E. Schuster. If any dealer or collector is offered this atlas Mr Schuster would be grateful if they would contact him on 01-828 7963 or telephone *The Map Collector*, 044 282 4977. The atlas was published in Anvers (Antwerp) by Baptiste Vrients in 1602 and includes two plates of globes, a view of the Escorial and 123 maps with French text on verso. It has some dampstaining and worming on upper margins. The old vellum binding is soiled and worn away and many of the gatherings loose. A pencil mark on the inside cover states the price of £1200.

Newly elected officers were introduced: Professor Bruce B. Solnick of the State University of New York at Albany as President; Dr John A. Wolter, Chief of the Geography and Map Division of the Library of Congress as Vice President and President Elect; Kathryn C. Harwood, Dennis Reinhartz and Helen H. Tanner as new Council Members.

History of Discoveries AGM

Report by Barbara B. McCorkle

THE SOCIETY FOR the History of Discoveries held its first international meeting from September 29 to October 1 in Ottawa, Canada. Host for the meeting was the National Map Collection, Public Archives of Canada. In honour of the occasion the NMC remounted a portion of the 'Treasures of the National Map Collection' exhibition (see report in Issue 21, December 1982, Ed.)

Some seventy registrants and guests were on hand to admire the exhibition and attend the five sessions of the meeting, at which a number of interesting papers were presented. Outgoing President, Louis De Vorsey, spoke at the banquet on Friday night on some of the problems associated with the current boundary litigation between Canada and the United States over Georges Bank. It was a particularly appropriate topic as cartographic experts on both sides of the dispute are members of the Society.

Professor Dilke in Italy

Report by Vladimiro Valerio

At the Institut Français de Naples, Centre Jean Berárd, which is principally concerned with classical themes, Professor O.A.W. Dilke opened a colloquium on 'The cartographic issues

of the Agrimensores and the Peutinger Table' on December 12, 1983. It was illustrated with slides. From all parts of central and southern Italy an interested scholarly audience came already briefed by the Italian translation of Dilke's *The Roman Land Surveyors* and by the work done on centuriation in Italy by F. Castagnoli, G. Schmiedt, P. Tozzi and others. Dilke's aim on this occasion was to show the extremes of Roman cartography: the contrast between the Agrimensores, who, like the designers of the Forma Urbis Romae, were much preoccupied with large-scale plans and with exact detail, shape and overall size, and the compilers of the Peutinger Table, who sacrificed all those but devised a clear thematic map of the whole Empire.

The discussion was opened enthusiastically by P. Arnaud of the Ecole Française de Rome, who is researching on the eastern parts of the Roman Empire, including trade, routes and cartography. He maintained that we should perhaps not call the Peutinger Table an *itinerarium pictum*, because when Vegetius wrote of *itineraria picta* these were not, as A. and M. Levi thought, road maps but, as he

considered, landscape pictures of military value. On the marble plan of Rome, Arnaud pointed out, despite its general reputation for accuracy, recent excavations in the area of the Crypta Balbi have revealed serious discrepancies between the Forma and the actual streets and buildings of ancient Rome. Light on the dating of the archetype of the Peutinger Table came from Professor W. Johannowsky: knowledge of Pompeii, he stated, was kept alive after its destruction, and at least the upper structures of the theatre and other buildings were visible. But Dilke and Arnaud claimed that Oplontis, not re-discovered till the 1960s, suggested an archetype for the Peutinger Table earlier than AD79.

Other cartographic activities in Italy include an exhibition held at the Museo Civico, Modena, on 'Measuring the land: centuriation and colonists in the Roman world,' from December 1983 to February 1984. A catalogue is available for 30,000 lire, which has a chapter on the history of centuriation and an extensive bibliography. The current exhibition at Bologna, 'The Maps of antiquity for the eighteenth and nineteenth century' is still showing with a catalogue costing 15,000 lire. This is fully illustrated with views, plans and maps.

OBITUARY

David Greenwood

FREELANCE AMERICAN WRITER, David Greenwood, editor, and co-founder of the Holliday House publishing firm, died March 26, 1983, in Santa Fe, New Mexico. He was eighty-seven years old.

Greenwood is especially remembered by map enthusiasts for his excellent and very readable general work on cartography, titled *Down to Earth: Mapping for Everybody*, which was published by Holliday House in 1944. The volume was illustrated by Ralph Graeter, who had previously prepared a number of maps and diagrams for *Life* magazine.

Down to Earth was reprinted, with minor revisions, in 1951, by Holliday House. A reduced format edition, revised with the assistance of Gerard L. Alexander, then Chief of the New York Public Library's Map Division, was published by the University of Chicago Press, in 1964.

Greenwood, who graduated from the University of California-Berkeley, in 1922, spent his early years as a journalist. In 1933, he co-authored with his wife, Helen Gentry, a distinguished book designer and printer, *The Chronology of Books and Printing*.

Although he was not trained in geography, or cartography, Greenwood became interested in maps during World War II. He exhaustively researched the subject in New York City and Washington, D.C., and produced an authoritative and widely acclaimed book. It was my good fortune to have made his acquaintance in 1943, when he conducted research in the New York Public Library Map Division.

Walter W. Ristow

New Appointments at The British Library

AFTER OVER A YEAR of being severely understaffed, the map library at The British Library, has just announced the appointment of three replacement staff. Tony Campbell, Research Editor of *The Map Collector*, who has worked for Robert Douwma Prints and Maps of London for the past fifteen years, has been

appointed a Research Assistant specialising in cataloguing with particular reference to antiquarian maps; Robert McKintosh, who comes from the Institute of Geological Sciences at South Kensington, will also be a Research Assistant working with the modern sheet map collection and remotely sensed imagery; Terry Kay is to be a Research Assistant in charge of the Students Room. He previously worked for the newspaper library in Colindale.

Stop Press

The long-awaited book, *THE MAPPING OF THE WORLD. Early Printed World Maps 1472-1700* by Rodney Shirley, has now been

published and is available from The Holland Press, 37 Connaught Street, London W2 2AZ. It is volume nine in their Cartographica Series and consists of 718 pages, 639 bibliographical entries of maps, 435 black and white plates, 22 colour subjects, seven charts and five appendices. Price £65.

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Postage and packing for each is \$10.00 UK and Europe, \$6.00 US. Payment from individuals must accompany order. A series subscription is also being offered with very special benefits.

Speculum Orbis Press will continue to issue a map of the *New World* series in April and October of each year. The twenty map series will culminate in October 1992 with the issue of a special commemorative map to mark the 500th year since the first voyage of discovery to the new world.

Each of the maps is to be accompanied by a scholarly monograph prepared by a recognized authority and handprinted on archival paper, sixteen pages 10 x 13 1/2”. Both the maps and the monographs are being produced in limited editions of 175 copies, each one numbered and signed by the printer. A prospectus describing the series will be sent upon request.

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Cartographic explanations before

by Catherine Delano Smith (University of Nottingham)

ONE OF THE familiar features of a printed map is its key. Traditionally enclosed in a box or cartouche, the variously named key, (legend, characteristic sheet, explanation) is designed to reveal to map users the meaning of the various signs employed on the map. Although at first sight it might seem too commonplace a feature to merit further consideration, this key will be shown to have many points of interest and to pose a number of research problems.

Its history is far from simple. What is defined today as a key – an array of signs accompanied by very short verbal explanations – did not make an appearance on the map until the early sixteenth century. Eila Campbell pointed to Peter Apian's map of Franconia (1533) as the earliest printed map to have such a key, identifying five signs – cities, market towns, villages, monasteries and castles,¹ – although in fact this map had been produced over ten years earlier by Sebastian Rotenhan (1520) and Apian was merely the publisher.² This modern form of presenting the explanation of map signs seems to have disseminated from the Germanic cartographic heartlands – Ingolstadt in particular – but the idea was only slowly and sporadically taken up in the countries of Renaissance Europe. Of the regional maps in the first edition of Sebastian Münster's *Geographia* (1545), on only one map (Bohemia) is there clear provision for a key. Quarter of a century later, only five out of seventy maps in the 1573 edition of Abraham Ortelius' *Theatrum Orbis Terrarum* have a key. In some instances, its exclusion seems to have reflected deliberate rejection of the idea. George Lily provided his map of England (1546) with a key of four signs and their single-word explanation, located in the lower margin of the cartouche, but these were omitted in many later copies (for example, the copy dated 1602 recently displayed in the British Library's *Mirror of the World* exhibition).

This does not constitute a satisfactory account of the origins and early development of the key. Maps were in existence long

before 1500 and it follows that there were other forms of communication between map-producer and map-user prior to the sixteenth century. Indeed, there is ample evidence for half a dozen alternative forms of cartographic explanation which can be regarded as precursors to the key. None of these seems to have been given formal recognition by historians of cartography and these brief introductory notes,³ are designed to catch the eye of collectors and map historians who will, it is hoped, be able to provide further examples.

The first of these alternatives is the written explanation. This takes the form of a text located on the map itself or within its margins. Usually it is one of several texts, which may be one reason its significance has previously not been noticed. Cleric Lazarus' map of Hungary (1528) can be taken as an example. Twelve short lines of text occupy the upper left hand corner of his map, explaining the use of the different colours (used to indicate lands still in Hungarian hands and those taken by the Turks) and of the dotted line used to mark the limit of the Turkish occupation. In other cases, the explanation is so well disguised in a lengthy piece of writing that it escapes all but the closest attention. For instance, two out of the fifty-three lines of text on Ortelius' Fine's map of France do contain graphic representations of four signs he used to denote three types of settlement as well as their definition ('Archbishoprics, bishoprics, other centres and good towns'). Although the surviving example is dated 1533 there is no reason to doubt that the text reads as it did on the original of 1525.⁴

Other examples of a similar style of explanation can be found on Erhard Etzlaub's maps. His map of Nuremberg (published in 1492) includes two sets of text within the margins in addition to the title: a verse and, in the lower margin, instructions for use of the scale. The latter also draws attention to the fact that Etzlaub





sheet, now lost, for his map of the Holy Roman Empire. Georg Hartinger issued 'Directions for use' with his copy of Etzlaub's map of 1515 (as well as a guide for the use of his own road map of 1524 which has survived) and this may have been as much Etzlaub's as the map itself. Given the fragility of such sheets, their all-too-easy separation from the map they were intended to accompany, and their perhaps not immediately obvious relevance or interest, it is not surprising that few have survived and still fewer have been recognised or published. New examples would be a welcome addition to our knowledge.

Less likely to be lost is a third alternative, the explanatory register that appears in books or pamphlets. The first chapter of Martin Waldseemüller's *Instructio Manuductionem Prestans in cartam Itinerariam* (1511) is nothing other than a four page textual legend (*Instructio*) for his map 'Die Carta Itineraria Europa' of the same year. Likewise, Sebastian Münster's book of 1566 *Mappa Europa* has sections headed 'How to understand or use the map of Europe' (included in this case in the book) and 'What is included in this map' as well as 'How to know the distance from one town to another'. It is important to distinguish these accompanying booklets, which are truly explanatory, from those which are merely descriptive. While Münster's booklet obviously falls into the first category, Matteo Pagano's *Descriptio Urbis quae Mizir, et Mazar dictur* (1549) is just one example of the second, descriptive, category. The thirty-four numbered paragraphs give (in Latin) the textual annotations printed (in Italian) on the map next to the relevant feature but these notes all concern historical, mythological and other local detail and contribute nothing to cartographic explanation.⁷

Still in the incunabula period of European cartography are the books which comprise the fifth alternative form of a key. They are presented here by the *Isolarii*. Two features of these books are relevant: the maps are in-text; and the text itself contains an explanation of features and signs on the maps. The explanations may be rather oblique, as in the case of Bartolommeo dalli Sonetti whose *Isolario* was the first to be printed (1485). Sonetti opens his text with a list of what he has surveyed, which includes 'reefs and shoals and townships and castles, places with fresh water . . .', but leaves the reader to work out which of these items the signs on the

maps represent. Santa Cruz (c.1541) is more specific, if with a narrower range of information. Saying nothing about the signs, he does detail the abbreviations he uses (B for bay, G for gulf, R for river etc) in his Prologue to the maps.

There is one final alternative form and that is the oral explanation. Many cartographic explanations were given verbally, by the map producer to his patron for example. There may have been special reasons for this discretion, such as the protection of a monopoly (as in the case of early sea charts) or political security (the reason for the omission of signs of strategic importance – castles for instance – in an otherwise complete key right up to the eighteenth century). At the same time, it may have been simply a lingering of the medieval tradition, when the spoken word was more important than the written word. Although many of John Rodgers' maps, made for Henry VIII and, amongst many others, Leonardo da Vinci's *Imola* map (1502) appear to us today as 'silent' maps, devoid of any writing, they too would have had their cartographic explanation provided, initially at least, by the map producer.

References

- 1 Eila M. J. Campbell, 'The development of the characteristic sheet, 1533-1822' *Proceedings of the International Geographical Union*, Washington, 1952, Section on Cartography pp.426-430.
 - 2 Leo Bagrow, *History of Cartography* (London, Watts 1964, revised and enlarged by R. A. Skelton) p.268 & plate LXXXI.
 - 3 A much fuller account was given at the *Tenth International Conference on the History of Cartography*, Dublin, 29th August to 2nd September 1983, under the title 'Cartographic signs and their explanation before the characteristic sheet'.
 - 4 Lucien Gallois, 'La Grande Carte de France D'Oronce Fine' *Annales de Géographie* (1935) pp.337-348.
 - 5 Cited in A. D. v. den Brincken 'Die Ausbildung konventioneller Zeichen und Farbgebungen in der Universalkartographie des Mittelalters' *Archiv für Diplomatik, Schriftgeschichte, Siegel- und Wappenkunde*, 16 (1970) pp.325-349.
 - 6 Herbert Krüger, 'Erhard Etzlaub's Romweg map and its dating in the Holy Year of 1500' *Imago Mundi*, VIII (1951), pp.17-26.
 - 7 Tony Campbell, 'The woodcut map considered as a physical object: a new look at Erhard Etzlaub's Romweg map of c.1500' *Imago Mundi*, 30 (1978), pp.79-91.
- He does, however, use stippling to indicate sands along the banks of the Nile and labels each of these areas, on the map, as 'spiaza di arena bianca' (*La vera descriptione dela Gran Cita del Caiero*, 1549).

The author wishes to acknowledge her debt to Brian Harley and Tony Campbell for stimulating discussions and for their most useful criticisms in preparing this paper.

BOOK REVIEWS



ANTIQUE MAPS A COLLECTORS HANDBOOK by Carl Moreland and David Bannister. (Longman Group Ltd, Longman House, Burnt Mill, Harlow, Essex and Longman Inc, New York, 1983.) 314pp, 170 illustrations (8 in colour) (190 x 250mm) Price £35. ISBN 0-582-50306-X.

Carl Moreland has had a lifelong interest in collecting and studying old maps and he collaborated with David Bannister, who has been dealing and lecturing in antique maps and atlases for some twenty years, to write this collectors handbook of antique maps. The foreword is by Arthur Negus OBE. There have been many reference books written in recent years on antique maps but few are as well prepared and laid out as this. The authors are to be congratulated on producing a well illustrated and easy to read reference work. There are 105,000 words with 580 biographies on cartographers and 2300 atlas and map references. The authors claim that the majority of illustrations relate to maps that at some time have been in their possession. They have resisted the temptation to dwell on maps that are unobtainable and have concentrated on items that dealers and collectors can hope to acquire.

The book is divided into three parts. The first covers the history of map making with interesting chapters on road maps, sea charts, town plans, ordnance surveys and playing cards. The second and largest part concentrates on the biographies of cartographers by countries and also has three chapters on maps relating to all parts of the world. The final part attempts to answer standard questions posed by collectors and dealers. The book finishes with three appendices and a bibliography. The appendices list the different editions of Ptolemy's *Geographia*; Blaeu/Jansson maps of English Counties, and the final appendix is an interesting chart of map making from 600 BC to 1800 AD.

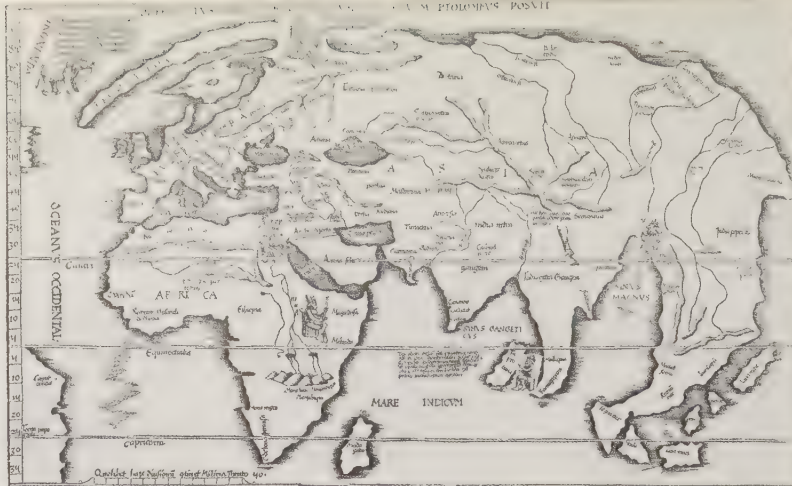
The authors in the preface do not claim that their book could possibly treat the subject exhaustively but they can certainly expect it to be used by dealers and collectors from all over the world. It is an easy book to use and provides a concise bibliographical approach to the history of map making.

Clive Burden (Dealer and collector)

LOOKING AT OLD PRINTS by John Booth. Foreword by The Marquess of Bath. (John Booth, 1983). Photoset and Printed by Redwood Burn Ltd., Trowbridge, Wilts. Available from Cambridge House Books, Westbury, Wilts and Map Collector Publications (1982) Ltd., 48 High Street, Tring, Herts. ISBN 0 906853. 202 pp. £15.

'Happiness is in the taste, not in the thing:
And we are made happy by possessing
what we ourselves love,
Not what others think lovely.'
Rochefoucault.

This quotation leads the reader into John



An illustration from David Bannister and Carl Moreland's New Book, *Antique Maps a collector's handbook*.

Booth's latest book, *Looking at Old Prints* and really sums up the author's enthusiasm for his subject. He has been a collector of prints and maps for most of his life and this book has undoubtedly filled a void for other print collectors; a worthy successor to his earlier publications, *Looking at Old Maps* and *Antique Maps of Wales*. It is basically in the same format as the former but is a much more weighty work and includes chapters on 'Origins of Print Making in Britain', 'Print Making Processes' and a 'Guide to Print Collecting'.

As John Booth explains, in an author's note, his own introduction to print collecting was the result of a happy accident when buying his present home at Westbury, Wiltshire, twenty years ago. The previous owners had left behind a quantity of books and pictures and a surprising offer from a local antiquarian bookseller caused him to review his 'finds' with 'something more than passing interest'. Since that initial awakening his collection has grown considerably and some of the prints are among his most treasured possessions. Each has a story to tell apart from providing a fascinating pictorial record of personalities, places and events and the main section of the book - 'Prints and Printmakers' - reviews prints from the author's collection starting with the first recorded marine print from the *Nuremberg Chronicle* of 1495.

This book is very well printed and illustrated, mainly in black and white but with three colour plates and an attractive coloured dust jacket. A Foreword is included by the Marquess of Bath who states that, 'Stored away in our country houses, libraries and museums, often far from the public gaze, lies a part of our artistic heritage much forgotten and unexplored. The world of prints and print-makers we have ignored too long and thereby lost much treasure . . . John Booth's fascinating book spans the 400 years dividing Tudor England from the reign of Queen Victoria . . . With its lucid explanations and lively style, and above all, its superb illustrations, here is a book to capture the imagination of any newcomer to this field.'

A list of terms used in print collecting and a useful (but limited) list of UK dealers in old prints is also included.

Valerie G. Scott

CARING FOR BOOKS AND DOCUMENTS by A. D. Baynes-Cope. London. British Museum Publications Ltd. 1981. 32pp. Illus. Cased £2.50 ISBN 0 7141 2006 5.

Few early maps have survived in perfect condition, those that have are now considered extremely valuable. For every map or chart that has survived undamaged, countless hundreds have become weak, brittle and discoloured with the passing of time or have long since vanished without trace. Unfortunately no map can be considered completely safe from the forces of

decay and destruction. There are a formidable number of enemies that, working alone or in conjunction with one another, will hasten the deterioration of a map collection.

Once they have come to terms with this awful realisation those responsible for the care of collections will want to know how to maintain their maps in the best possible condition so that they can be passed on for future generations to enjoy. Until recently it was almost impossible to find relevant books giving straightforward and practical advice on how maps and atlases could be cared for. *The Map Collector* was probably the first to recognise and respond to this need with an article on the Care and Handling of a Map Collection which was published in Issue 4 (September 1978). Now this need has also been recognised by The British Museum who have published a work designed to help all those with books and documents (and maps) in their care.

Arthur Baynes-Cope, the author of this work is Principal Scientific Officer at The British Museum and for over twenty years he has dealt almost daily, with urgent requests for help and advice from people who have problems with the care and storage of books, documents, maps, prints and other library materials. Most of these requests come from librarians, archivists or private collectors who want to approach the ideal conditions for the storage and care of their collections but have only a basic knowledge of the problems involved and little to offer by way of additional space, skill, time or money. He has, therefore, gained a unique understanding of the manifold problems facing those who are responsible for the care of collections and how these can be tackled at a practical level with the minimum of cost.

The main aim of anyone writing an instructional book for the novice must be to keep the book short, simple and easy to refer to. If it becomes too detailed and too cluttered most readers will tend to become flustered and frustrated. Baynes-Cope has managed to achieve this aim without trivialising a most serious and important subject.

The first part of the book is devoted to the ideal storage conditions and the nature of materials. Some basic information is given about inks, cellulose fibre, the making of paper and the structure of books. This is followed by a section dealing with the enemies of books and documents which the author arbitrarily groups into four main classes - chemical, physical, mechanical and biological. The accelerated degradation caused by simultaneously exposing books and documents to excessive levels of light, heat and moisture are fully explored.

Having considered the materials of which books and documents may be made and what their enemies may be, the author proceeds to describe how to achieve a good storage environment so that attacks by the various enemies can be reduced to the minimum.

Quite properly, some emphasis is placed on the condition of the building in which the material is housed. Curiously, the soundness of the building

self is often overlooked and as a consequence serious damage can be caused by leaking roofs, blocked gutters, poor plumbing, bad electrical wiring and insect infested woodwork. The climate in the room in which the collection is kept is also considered. It is vital to keep a steady temperature and that air should be able to circulate freely around and through the collection. High temperatures, often caused by excessive heating, should be avoided. If collections were kept in a milder environment insects would not survive and mould would not flourish. It is helpful to have instruments such as a maximum and minimum thermometer and a hygrometer to measure the climatic conditions in a storage area so that appropriate action can be taken to avoid extremes. There is, it seems, no substitute for 'good housekeeping' (of the sort practiced by every good housewife) plus regular visual checks in which items are examined for stiffness or brittleness of the sheets, musty smell or worm damage. Collections left undisturbed for long periods tend to invite unwelcome insect guests.

The special problems posed by collections, too small for a separate storage room but more appropriately suited to a single cupboard or plan chest, are examined. It is recognised that producing a safe and stable climate in a single plan chest may be more difficult than for a single room especially in a centrally heated building.

As the title suggests, the work deals mainly with books and documents; however, the useful information provided about large-sized documents is equally applicable to maps and charts. Large documents should not be folded and are best kept in a large, flat, dust-free protective box or container. A large number of flat, large-sized documents are best kept in a wooden plan chest.

Documents are not usually mounted and so no mention is made in this book of the need to prevent maps coming into contact with unsuitable materials when framed. Framing is probably the most popular method of displaying maps and charts and all collectors should make a point of asking the framer to use only the best quality acid-free mounting board. Unfortunately, many framers still use low grade acidic mounting board made with a core of unrefined groundwood that will inevitably discolour and embrittle any paper with which it is in prolonged contact.

The book has fifteen black and white photographs which illustrate the common forms of damage, plus twenty nine humorous line drawings. Since its publication it has become a best seller and is being translated for publication into

other languages. Few map collectors, dealers or librarians will fail to profit from reading it.

Robert C. Akers

Camberwell School of Art and Craft

Publications Received

CARTOGRAFIA NAPOLETANA dal 1781 al 1889. Il Regno, Napoli, la Terra di Bari a cura di *Giancarlo Alisio e Vladmiro Valerio*. (Fratelli Dioguardi S.p.A. 1983. Realizzazione: Prismi, Editrice Politecnica Napoli s.r.l., via F. Caracciolo 17, Italy) pp. 243. ISBN 88 7065 007 3. An attractively produced catalogue with black and white illustrations and coloured cover of an exhibition held at Museo Archeologico Nazionale, Napoli, from October 1–November 30, 1983 and at Castello Svevo, Bari, December 15–February 15, 1984.

WHEELS ON THE ROAD. Road maps of Britain 1870–1940 by *T.R. Nicholson*. (Available from Geo Books, Regency House, 34 Duke Street, Norwich NR3 3AP, England) pp. 112, illustrations, bibliography and cartobibliography. ISBN 0 86094 125 6. Price £7.50 (US \$15).

PLAATSBEPALING. De oude kaart in zijn verscheidenheid van toepassingen by *Dr G. Schilder*. (Nico Israel, Amsterdam, 1982) pp. 31. ISBN 90 6072 140 3. Text in Dutch.

TOONNEEL DES AERDRIJCX: Catalogus bij de tentoonstelling Toonnel des Aerdrijcx oude kaarten in het Universiteitsmuseum ter gelegenheid van het 75-jarig bestaan van het Geografisch Instituut Rijksuniversiteit Utrecht. 14 maart–29 april 1983. Universiteitsmuseum Biltstraat 166 Utrecht. Illustrated catalogue. pp. 76. Text in Dutch.

DE PLATTEGROND VAN UTRECHT VERSCHENEN BIJ N. VAN DER MONDE, 1839. Een heruitgave op ware grootte en in kleur toegelicht door *Dr Marijke Donkersloot-de Vrij*. (HES Publishers B.V.) pp. 39 and one coloured facsimile map. ISBN 90 6194 064 8. Hfl 38.25. Text in Dutch.

TREASURES. 900 YEARS OF THE EUROPEAN PRESENCE IN NEWFOUNDLAND AND LABRADOR. An exhibition catalogue to commemorate the 400th anniversary celebrations, 1983. (Published by Newfoundland Museum, Historic Resources Division, Department of Culture, Recreation and Youth, Government of Newfoundland and Labrador.) pp. 36, illustrated. ISBN 0 0601590 0 5. Includes a chapter on Sir Humphrey Gilbert, 1537–1583, who took possession of Newfoundland for the English crown on August 5, 1583.

PAPERS OF THE NORDENSKIÖLD SEMINAR on the history of cartography and the maintenance of cartographic archives, Espoo (Finland), September 12–15, 1979. Edited by *Kerkko Hakulinen and Arvo Peltonen*. (Available from Library of the Scientific Societies, International Exchange Service, PL248, SF-00171 Helsinki 17, Finland) pp. 246, ISBN 951-99297 3 8. Price 40 FIM. Catalogue in five parts: Adolf Erik Nordenskiöld, his life and work; A.E. Nordenskiöld's Predecessors in Exploration; Research on Early Maps; Pioneers of Modern Cartography and Collecting and Archiving of Maps. Many of the papers of the seminar have been rewritten and specially illustrated for this publication.

Catalogues received

RICHARD B. ARKWAY, INC. NEW YORK.



538 Madison Avenue, (Between 54th and 55th Streets), New York, NY 10022, USA. Tel: (212) 751 8135. *Catalogue XXIV Autumn 1983 Fine Rare Books on Various Subjects.* 79 pp., 125 entries and 38 illus., arranged alphabetically. This catalogue covers an interesting range of subjects with notes on each entry. It includes history, travel Americana, navigation, atlases, maps and a Coronelli globe.

BJÖRCK & BÖRJESSON, Strandvägen 7c, Stockholm, Sweden. Tel: 08 671188/119042. *Catalogue 509 Recent Acquisitions.* 48 pp., 191 entries, 15 illus., arranged alphabetically. The catalogue includes books on history and travel.

E. J. BRILL, Oude Rijn 33a, Leiden, The Netherlands. Tel: (071) 146646. 41 Museum Street, London WC1A 1LX, England. Tel: (01) 405 5482. Antwerpener Strasse 6–12, Köln, West Germany. Tel: 516488. *Brill's Weekly No. 1509, September 9, 1983 Arabic and Persian Texts-Ancient Near East-Armenia-Afghanistan, Baluchistan and N.W.E.P.-Near East and Islam.* 32 pp., 742 entries in six sections, arranged alphabetically. A catalogue of modern books.

— *No. 1511 October 7, 1983 Classical Antiquity-Middle Ages & Renaissance.* 16 pp., 393 entries in two sections. As previously.

— *No. 1512 November 4, 1983 India-South East Asia-Far East-Africa.* 48 pp., 1174 entries in four sections. As previously.

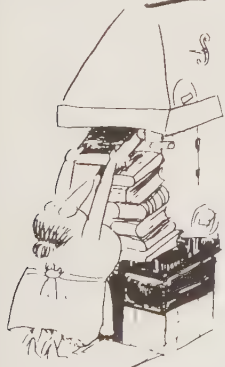
E. J. BRILL, Postbus 9000, 2300 PA Leiden, The Netherlands. Tel: (071) 146646. *Recent and Forthcoming Books on The Middle East and Africa August 1983.* 13 pp. This list is in five sections, each arranged alphabetically. There are a few entries on cartography and navigation.

ROBERT DOUWMA PRINTS & MAPS, 4 Henrietta Street, London WC2 8QU, England. Tel: (01) 836 0771. *New in stock list 10 December 1983.* Folding brochure, 435 entries and 24 illus. It lists decorative and topographical prints in ten sections with introductory notes.

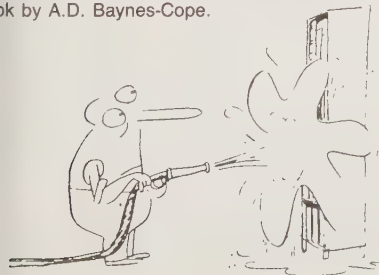
RICHARD FITCH, Old Maps & Prints & Books, 2324 Calle Halcon, Santa Fe, New Mexico 87501, USA. Tel: (505) 982 2939. *Americana Catalogue No. 40.* 43 pp., 253 entries, 97 illus., arranged alphabetically by State. The catalogue covers an interesting range of views and maps with notes on each entry. Sample copies cost \$2.00 in North America and \$4.00 elsewhere.

HAUS DER BÜCHER AG, Erasmushaus, Bäumleingasse 18, CH 4051 Basel, Switzerland. Tel: (061) 23 30 88. *Der Neue Basler Bücherfreund. Heft 6.* 14 pp., 61 entries arranged geographically. Most of the books are on travel and topography.

INTERCOL London. Antiquarian Collectables (International) Limited, 1A Camden Walk, Islington Green, London N1 8DY, England. Tel: (01) 354 2599. (Mail order only) Intercol New York, Suite 1400, 211 East 43rd Street, New York, NY 10017, USA. *Antiquarian Map List No. 1 Winter 1983.* 64 pp., 1235 entries, 86 illus. Half the catalogue covers the British Isles, arranged by counties, and half world maps, arranged geographically, with a geographical index.



Some of the delightful cartoons which illustrate the book by A.D. Baynes-Cope.



HELEN R. KAHN Antiquarian Books, P.O. Box 323, Victoria Stn., Montreal, Quebec H3Z 2V8, Canada. Tel: (514) 844 5344. *Catalogue 16 Autumn 1983 By Land and Sea Early Voyages and Travels*. 40 pp., 122 entries, 4 illus. The books are arranged alphabetically with notes on some entries. There is a final section on maps and atlases. Enclosed is a 4 pp. supplement of 49 entries *1983C Canadian and American Pamphlets etc.*

D. & E. LAKE LTD., 106 Berkeley St., Toronto, M5A 2W7, Canada. Tel: (416) 863 9930. *Catalogue No. 65 Canadiana & Americana*. 44 pp., 276 entries, 6 illus., arranged alphabetically with a separate price list enclosed. The catalogue mainly lists history and travel books with notes.

— *Cartography No. 4 Selection of Antique Maps*. 26 pp., 244 entries, 24 illus., arranged geographically with notes on most entries. A separate price list is enclosed.

RICHARD NICHOLSON OF CHESTER, 25 Watergate Street, Chester. (Postal address) Stonydale, Christleton, Chester, CH3 7AG, England. Tel: (0244) 336004. *Catalogue 143 Maps & Prints*. 26 pp., 599 map entries and 480 print entries, 31 illus. Maps of the world are arranged geographically; British Isles prints arranged by counties. There is a section on naval and military prints.

NORTHWOOD MAPS LTD., 71 Nightingale Road, Rickmansworth, Hertfordshire WD3 2BU, England. Tel: (0923) 772258. *Catalogue No. 10 Winter 1983*. 14 pp., 7 multiple entries, listing maps from atlases, and 58 individual entries arranged by counties. Most of the entries are English county maps. There is a 4 pp. supplement enclosed listing 75 maps of the world, Americas, Africa and Europe.

LIBRERIA ANTIQUARIA C.E. RAPPA-PORT, via Sistina 23, 00187 Roma, Italy. Tel: (06) 48 38 26. *Catalogo 172*. 84 pp., 305 entries, 19 illus. on 13 pp., arranged alphabetically in two sections with an index. A price list in \$US is enclosed. This is a general catalogue with some atlases and travel books and notes on each entry.

WM. REESE CO. 409 Temple Street, New Haven, Connecticut 06511, USA. Tel: (203) 789 8081. *Catalogue 21 Western Travel Narratives Published after 1865: Part 3*. 104 pp., 725 entries, 4 illus., arranged alphabetically.

— *Catalogue 22 Americana*. 120 pp., 682 entries, 2 illus., arranged alphabetically. The catalogue covers a wide range of subjects with notes on each entry.

THE RENDELLS INC., 154 Wells Avenue, Newton, Massachusetts 02159, USA. Tel: (617) 965 4670. *The History of Mankind 4*. 48 pp., 86 entries, 40 illus., with notes on most items. The catalogue includes a collection of maps of Ireland and some travel books.

TOOLEY ADAMS & CO LTD., Antiquarian Maps and Atlases, 83 Marylebone High Street, London W1M 4AL, England. Tel: (01) 486 9052. *Catalogue 1983-84*. 59 pp., 415 entries, 22 illus. Catalogue of maps arranged geographically with notes on most entries and a bibliography at the end.

WARWICK LEADLAY GALLERY, 5 Nelson Road, Greenwich, London SE10 9JB, England. Tel: (01) 858 0317. *A Selection from our Stock*. 15 pp., 16 multiple entries and 24 individual entries, 16 illus. The catalogue lists mainly topographical prints with three sections on English county maps.

H. TH. WENNER GmbH. & CO. Abt Buch- und Kunstantiquariat, Heger Str. 2-3, D-4500 Osnabrück, West Germany. Tel: 0541 25516. *Antiquariatskatalog 309 Stadtansichten und Landkarten*. 151 pp., 2793 entries, 90 illus. The catalogue lists maps and views arranged geographically, with a final section on celestial and other maps. There is a separate folding sheet offering books at a special reduction.

— *Antiquariatskatalog 311 Stadtansichten, Land-*

karten, Berufsdarstellungen. 157 pp., 2902 entries, 92 illus. As previously, with a final section on prints mainly of trades and professions.

THOMAS SUAREZ, 2142 Broadway, New York, N.Y. 10023. Tel. (212) 877-7468 *Esoteric cartographicum, a sequence of fine and rare maps, prints, and books spanning the 15th through 19th centuries*. A most unusual and attractive catalogue — the format and presentation break new ground. Ed. 88 pp., fully illustrated with two fold-out maps.

LETTERS TO EDITOR



Madam,

On page 36 of the December issue, No. 21, (clearly, I've fallen behind on my reading) of *The Map Collector*, you have a picture and brief description of 'Townsend's Folding Globe.' Thinking you and your readers might be interested in knowing a bit more about this curious contraption, I've enclosed a brief biographical sketch of Dennis Townsend.

The Townsend item caught my eye for three reasons: one, we have one of the globes here in the Wilbur Collection, along with a cardboard cover that includes instructions to teachers regarding its use in schools; two, Townsend was a Vermonter; and three, some colleagues and I have just finished working on a museum exhibition and accompanying book designed to trace the history of Vermont through the early maps and mapmakers of the state.

Dennis Townsend

Dennis Townsend, the seventh son of William and Susanna Townsend, was born in Reading, May 8th 1817. He remained with his parents during his early youth. When sufficient maturity of age led him to decide concerning the business of life, he went to Boston and engaged as clerk in the store of his brother Elmer, where he soon seemed more inclined to develop into the scholar than the merchant. His desire for an education was very kindly and substantially encouraged by his brother rendering him pecuniary aid, though he reluctantly gave him up.

He fitted for college and entered Dartmouth where he remained two years when pecuniary embarrassments led him to leave and engage in teaching with the design of returning to graduate, but circumstances seemed not to favor it. He continued in this his favorite employment, several years, with success both in the South and West. In the early settlement of Cal., he with his wife in company with others, endured a journey of six months in crossing the Plains from Ill., to that land of gold, though it was his fortune to grasp but little of the shining dust. He spent sixteen

years there in teaching, and as Co. Superintendent of schools. Seeing the great need of that very useful piece of apparatus, a globe, the price of which might be within reach of all, he put his mind to the task of inventing one. After the most intense thought and great effort, sacrificing time, health and money, the curious, the useful, the beautiful "Folding Globe" appeared visibly, as he had long seen it mentally.

At once he was much gratified to receive handsome recommendations from Presidents of Colleges and others in high standing as educators of youth. Many teachers of common schools are now using it with much satisfaction. In 1869 he received the honorary degree of A.M. from the University of Vermont. He is now in Fiddletown, Amador Co., California, and his globe can be obtained not only there, but in his native town.

This excerpt comes from *Centennial Celebration, Together with an Historical Sketch of Reading, Windsor County, Vermont, and its inhabitants from the first settlement of the town to 1874*. By Gilbert A. Davis. (Bellows Falls: Steam Press of A.N. Swain. 1874).

J. Kevin Graffagnino,
Curator,
Wilbur Collection,
University of Vermont,
Burlington, USA.

Madam,

I waited to see if someone else would take issue with Brian Hooker (*The Map Collector* No. 23, page 48) on the question of whether Java-la-Grande represents Australia on the rotz and other 'Dieppe School' maps.

I can't speak for New Zealand but the rest of the world has been working quite hard on the Dieppe maps in the twenty years since Sharp wrote his book.

Helen Wallis' brilliant work on Rotz together with Ken McIntyre's arguments set out in *The Secret Discovery of Australia* (Lon. 1977) have led scholars, who have seriously studied the subject, to the view that the evidence of a pre-1530's charting of the east coast of Australia is now simply too strong to refute.

Even before Wallis and McIntyre published their material Professor O. H. K. Spate said in his 1969 foreword to the Beaglehole revision of Wood's *The Discovery of Australia*, that it was more difficult to regard the Dieppe maps as imaginary than as some reflection of an Australian reality.

David G. L. Worland
101 Ocean Street
Woollahra
New South Wales 2025
Australia

Sir,

In the Books and Letters in the September 1983 issue, Laszlo L. Grof wrote with reference to the 1606 English edition of Abraham Ortelius' *The Theatre of the Whole World*, and other Ortelian matters.

He cites both Koeman and Skelton to affirm that there are no recorded uncolored copies of the 1606 *Theatre*. In 1954 the Library of Congress received as a gift, from Melville Eastham of Cambridge, Mass., an uncolored copy of the English Ortelius. I described this volume briefly in the annual report on acquisitions for the Geography and Map Division, which was published in the August 1954 issue of the *Library of Congress Quarterly Journal of Current Acquisitions*, (p. 248-249).

Mr. Eastham, an early manufacturer of radios, focussed his collecting, primarily, on sixteenth century atlases. Prior to his gift of *The*



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	<u>153</u>

This date poses a number of problems and warns against total reliance on chronograms. In 1573, the named author, Petrus Bertius, precocious no doubt, was a mere eight years old. Nor did he become Cosmographer to the map's dedicatee 'Ludovico regi' (i.e. Louis XIII of France) until 1618. The explanation is simple. The unnamed engraver, not being fully conversant with the rules of chronograms, failed to realize that *all* the numeral letters had to be capitalized, including the 'L' of 'Ecclesiae'. Once this mistake is rectified, 1573 becomes 1623. This far more plausible date, some twelve years before the map's inclusion in the Blaeu atlas, suggests it was probably published separately by Bertius himself before the copper plates passed to the Blaeu firm.

Tony Campbell
Robert Douwma Prints & Maps Ltd
4 Henrietta Street
London WC2E 8QU

Madam,
There are two principal points I would like to make about an article I wrote for the magazine entitled 'Exploration and Colonisation of Louisiana' (Issue 24). Page 12, line 27, should read 'sharply criticises the drawing made by Coronelli on the map, 'Amerique Septentrionale.' Also, on page 14, at the end of the text the translation should read 'the Delisle father and sons' not the 'Delisles brothers.'

Monique Pelletier
Le Conservateur en Chef
Département Des Cartes et Plans
Bibliothèque Nationale
Paris

Madam,
An article in No. 4 of the magazine dealt with women directly employed in the production and sale of maps. (Issue 4, September 1978. p16 Ed.). Indirectly their influence has been far greater. Maps have been dedicated to reigning monarchs. Christopher Saxton to Queen Elizabeth I, Herman Moll to Queen Anne, and single maps to Maria Theresa, Empress of Austria, and to Katherine, Empress of Russia.

Vast areas have been named after women - Virginia and the Virgin Islands after Queen Elizabeth; many places in Australia including the town of Adelaide. In the present century many of the main map libraries are under the direction of women and some excellent bookselling firms are run by women.

There is great scope in this field. Perhaps some of our subscribers would like to elaborate on some more aspects in which women predominate.

R. V. Tooley
Norfolk

theatre, Mr. Eastham, in 1950, presented the Library of Congress with a copy of the rare 1595 Mercator Atlas. This gift was described by Clara Le Gear, in a separate article in the May 1950 issue of the *Library of Congress Quarterly Journal of Current Acquisitions*. Mrs. Le Gear's paper was reprinted in *A La Carte*, which was published by the Library of Congress in 1972.

In 1958 Melville Eastham gave to the Library of Congress a group of ten sixteenth century atlases, among them several additional Ortelius items. The latter included a 1571 Latin edition of the *Theatrum*, with which was bound, in contemporary binding, Braun and Hogenberg's 1572 *Civitates Orbis Terrarum*, and the 1573 (or 1574) French edition of *Additamentum I*. The two Ortelius items, and other volumes in the 1958 Eastham gift were described in an article, co-authored by Clara E. Le Gear and Walter W. Ristow, which was published in the August 1958 issue of *LCQJCA*. The article was reprinted in *A La Carte*.

My article, 'Theatrum Orbis Terrarum, 1570-1700', published in the *Quarterly Journal of the Library of Congress*, October 1970, includes a complete inventory of all the Ortelius items in the collections of the Library of Congress. Several of the items, including the uncolored 1606 English *Theatre*, were not previously described in the *List of Geographical Atlases in the Library of Congress*, and therefore were not included by Koeman in his *Atlantes Neerlandica*, vol. 3, Amsterdam 1969. For the same reason Kelton was unaware of the Library of Congress' uncolored copy of the English *Theatre* when he prepared the facsimile edition of this atlas, which was published at Amsterdam, in 1968, by *Theatrum Orbis Terrarum*.

Walter W. Ristow
McLean, Virginia

Madam,
May I be permitted to comment on Yasha Beresiner's review of David Jolly's *Antique Maps, Sea Charts, . . . Price Guide and Collectors' Handbook for 1983*? While Mr. Beresiner thinks that the book is a good idea, he seems to me to have completely missed the point in his criticisms. It could be enough to address to what he calls 'the two major shortfalls in the guide . . . the lack of a numerical system to the maps listed and a chronic inefficiency of illustrations.' He seems not to have grasped that the guide is not a bibliography of maps or even a catalogue of maps but an index to map catalogues. As such there is no reason in the world for the entries to be numbered. The obvious analogue in the world of books for Mr. Jolly's compilation is *Bookman's Price Index*. One does not cite entries in *Bookman's Price Index* any more than one would cite an entry in Mr. Jolly's book: one simply uses these books to determine that such a book or map was offered for sale in such a dealer's catalogue for such a price. Not only are additional illustrations not required, the few illustrations that were included are simply decoration and could easily have been left out without affecting the utility of the book in any way. If one wants pictures of maps, one goes to illustrated dealers' catalogues or to histories of cartography, not to indexes. But there is perhaps a point to be made in this regard: if, in the next edition, Mr. Jolly was to indicate by some means that a given map was reproduced in the dealer's catalogue in question, that would be a very useful piece of information indeed, and might be achieved without too much additional effort. The lack of uniformity in title transcription is, of course, due to lack of uniformity among the various catalogers. Mr. Jolly must take his titles as he finds them, and they will not always be correct, uniform, or properly dated. As he indicates, however, providing size information as well

in all cases can sometimes make it clear that two maps with varying titles are in fact the same item. I might also point out that the price is \$31.50 and not the \$38.50 suggested in your review.

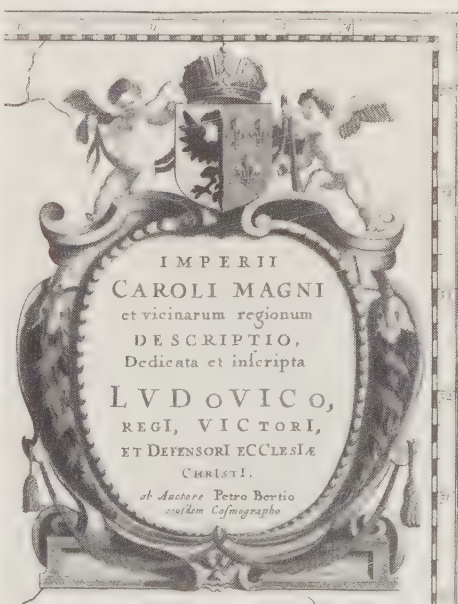
My major criticism of Mr. Jolly's book would be that only indexing twenty-six catalogues when there are so many dozens of antiquarian map catalogues issued each year means that necessarily a great many maps are missed. I would hope that in future editions Mr. Jolly would be able to increase the number of catalogues indexed. I also find the title a bit hard to chew; the spine title 'Antique Map Prices' says it all and ought to appear on the title page. In the general planning and execution of the work, however, I think Mr. Jolly has accomplished a very important task and the book has a prominent place on my desk where it has already seen considerable use. I hope that collectors, dealers, and librarians will support it so that he will in fact be able to produce future editions which I can put next to this one.

Robert W. Karrow, Jr.
Curator of Maps
The Newberry Library, Chicago

Madam
In offering a few thoughts on cartographic chronograms in Issue 22, I felt I had given hostages to fortune and that you, the long-suffering Editor, would be deluged with sufficient further examples to rue the day you had agreed to publish the piece. In the event, my meagre total of identified chronograms (one) has been no more than doubled, and that thanks to a letter sent in from Yale by Barbara McCorkle (Issue 23).

To that pair can now be added a third, and this, like the Anich globe goes from Yale, is datable only by its chronogram. The present example, however, introduces a new element: a mistake by an uncomprehending engraver! As can be seen from the illustration of its title cartouche, this concerns a map of Charlemagne's Empire. What would not be apparent is that it forms part of a four-sheet map issued by Willem and Joan Blaeu in 1635 (Koeman *Bl 8A*-Vol. 1, p.100). The chronogrammatic date (obtained by listing out the capitalized, or numeral letters) gives:

DD	1000
CCCCC	500



(By courtesy of Robert Douwma Prints and Maps Ltd).



Madam,

I am a bit upset with the latest article on framing by Clifford Stephenson. The problem is that no mention was made of the use of museum specifications e.g. use of acid-free board, wheat paste etc. I strongly feel that this is an important point as if these standards are not used, then the map will certainly be hurt by the framing, mostly from the acid content of boards, glue etc. used. To run an article which does not discuss this will continue the most unfortunate tendency towards framing of maps in a destructive manner.

Christopher W. Lane
The Philadelphia Print Shop
Philadelphia
Pennsylvania, USA

Madam,

The article 'Do-It-Yourself Framing' by C. Stephenson (*TMC*, September 1983) contains errors of omission and admission. All paper artefacts of value which are to be framed should be inserted in a frame so that the paper does not come in contact with the glazing. Paper expands with increasing humidity which often leads to the paper contacting the glazing – invariably the paper sizing and/or the media is also sensitive to moisture causing the paper to adhere to the glazing, leading to damage of the artefact.

From a conservation viewpoint, a window mount protects the paper by keeping the paper flat and well away from the glazing. This is far more important than the benefit of decoration. To not provide a window mount when framing valuable paper artefacts is an irresponsible (or ignorant) act by the framer.

The proper mount for valuable works should consist of a backboard to which the paper is attached using acid-free (preferably Japanese handmade) paper hinges and a water-reversible adhesive (such as a cooked grain paste or a cold-water dextrine paste). The backboard and window mount should be of acid-free paper-board (preferably 100% ragboard containing an alkaline buffer). Surfaces in contact with the artefact should be uncoloured, or if coloured board is to be used, non-bleeding pigments are the only permissible colours.

The use of any type of wood-based material behind the mount is detrimental to the preservation of the paper. Acidic and volatile chemicals produced by the wood as it slowly and naturally degrades can alter colours and deteriorate the paper fibres. Materials such as acid-free paper-board, good quality neutral pH bookbinder's board, rigid plastics such as certain polystyrene foam materials or corrugated/fluted polyethylene sheets are suitable alternates.

Rather than pins or push-points to hold the assembly within the frame, one could screw thin strips of aluminium to the frame with the strip being 90° to the frame edge. Simply loosening the screw, slightly, allows turning of the strip another 90° so the mounted object can be unframed. (Certainly an easier task than removing pins or brads when unframing mounted objects).

Although the design of the hanging apparatus described in the article is acceptable, more security can be gained by substituting 'D' rings for the screw eyes (such rings are commonly purchased attached to a plate which must be secured to the frame at 2 points). A small chain can be substituted for suspension cord or wire, especially when the framed artefact is heavy.

Lastly, two distinct advantages of Perspex over glass for glazing are the lightweight of this plastic and the fact that it is unbreakable. Glass in framed items always follows Murphy's Laws – when the glass breaks, broken pieces invariably cut into the paper object. Perspex should not be used, however, when the media is loosely bound to the paper or when the paper is brittle. Static charges often build-up on Perspex and will attract loose media and pieces of brittle paper toward it.

There are other minor problems in this article which would make paper conservators cringe. I'd advise readers to ask a paper conservator for advice. (Many framers are ill-informed about conservation framing and from the example of Mr Stephenson, nearly all amateurs know less than most framers).

Robert C. Morrison,
Senior Lecturer,
Conservation of Cultural Materials,
Canberra College of Advanced Education,
Australia.

Mr Stephenson replies: It is often said, perhaps somewhat cynically, that there is no bad publicity. Similarly it might be said that there is no bad criticism of an original piece of writing. However adverse is the criticism, it at least shows that the article has been read and has inspired some response. Consequently, I was pleased that there were a number of letters of comment – some favourable, some not – on my series of articles on recording, storing, mounting and framing old maps.

Adverse criticisms by professionals in the field of conservation are directed to the important question of methods and materials which will ensure the preservation of printed items, especially old maps; a subject they charge me with neglecting in my articles.

It is true that I did not give any advice or guidance on this important subject for the very good reason that I did not consider myself competent to do so. However, I did raise the question on page 26 of the article 'Storing Your Maps' in the June, 1983 issue. I wrote: 'We are in need of authoritative comprehensive information on the whole subject of safe and unsafe materials including adhesives . . . we have a responsibility as trustees for posterity of the antique treasures we are privileged to enjoy for the time being.' Not content with this exhortation, I have arranged for a paper to be given under the title 'Preventive Conservation on Storage of Maps' at the International Map Collectors' Society meeting on June 9th in York. Map collectors, even if not members of the International Map Collectors' Society, are welcome to attend this meeting.

It is interesting and speaks well for the widespread readership of *TMC* that the constructive criticism should come from correspondents in America and Australia and to them I offer my thanks. There are two additional points I would

like to make. One concerns the fact that private collectors usually like to display at least some of their maps on the wall. How can this be reconciled with the danger of exposure to light? And, secondly, it should be appreciated that if amateur collectors are to be persuaded to undertake preservation procedures, they must not be too costly nor too difficult. In this connection expert opinion on the use of an ant-acid lime water spray would be helpful. I know of one archives library which uses it and it is cheap. **Note from the Editor:** The need of this authoritative advice has been taken to heart by me and I hope to provide the information in a subsequent issue.

Madam,

Clifford Stephenson's Article on 'Do-it-yourself Framing' in the September issue, while very interesting and useful, nevertheless has some 'sins of omission' that could affect the preservation of one's more valuable maps.

His remarks on the subject of 'backing' fail to mention one of the most important aspects of framing, the protection of your map from the effects of acids and similar destructive elements. Use of any of the backings mentioned, (hard-board, plywood and strawboard [chipboard in the U.S.]) directly against the back of the map could, and probably would, soon cause the brown spotting of acid stains. Any valuable work, map or other art, must have a sheet of acid-free paper between it and the backing. For smaller works, it is possible to obtain 'acid-free board' that not only protects but also serves as stiffening. If your map is truly valuable, it is also wise to insert tiny spacers of acid-free paper between the map and the mount [mat in the U.S.].

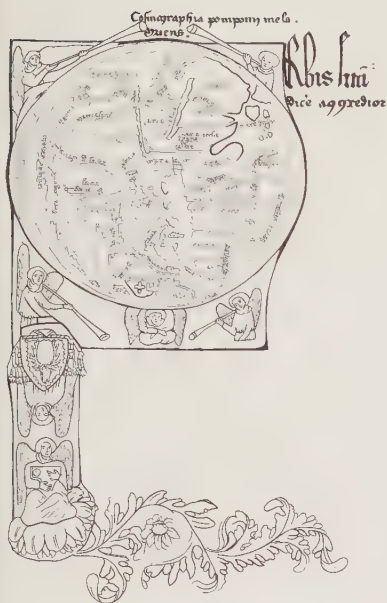
Another topic not discussed is that of how to hold the map against the backing so that it cannot move when the frame is jostled. This is especially a problem when the map is quite a bit smaller than the frame, (when the margin is hidden by the mount [mat]). We have seen valuable maps ruined by the modern habit of grabbing a piece of cellophane tape to hold down anything. Our usual practice is to use a small piece of bookbinders or cloth mending tape, (about the size of a postage stamp), in each of the upper corners of the map. It is only necessary to overlap about 1 cm. [½-inch] to secure the map against movement.

In the matter of sizing, especially with larger maps, Mr. Stephenson neglects to mention that it is not a good practice to have your backing fit too snugly into the frame, even though you might think this would help keep the dust out. Changes in temperature and humidity can cause the backing to expand more than one might expect. When this happens to a tight piece of backing, something has to give. The frame joints can crack, or the pressure can cause the map itself to wrinkle. A breathing margin of about 2 mm. [⅛-inch] all around will prevent his problem.

Finally, his suggestion to seal the back, of single glazed units, with strips of brown packaging tape as a dust shield fails to consider certain aspects of the function of the paper back covering. The reason commercial framers cover the entire back area of a work with brown wrapping paper is not just to serve as a dust shield. The paper, glued to the frame for its entire length, has a tremendous strengthening effect to keep the frame rigid. Also, after a period of years, most paper wrapping tapes will dry out and loosen, negating their function.

It is hoped that future articles of this nature will be written, or at least verified, by professionals in the field, to avoid unfortunate accidents.

Edwin A. Ellis
Maps Unlimited
Fayetteville, NY, 13066, USA



World map of Pomponius Mela
(1417, Reims, Bibl. de la Ville Ms 1321)

ATLAS DE SANTAREM

The "Atlas composé de Mappemondes, de Portulans et de Cartes hydrographiques et historiques", compiled by the 2nd Viscount de Santarem (Paris, 1849) was the first scientific atlas on the history of cartography ever published. It has now become extremely rare and almost no complete copies exist. A facsimile edition of this very important work is now in preparation and will appear late 1984. It will be accompanied by an introduction by Dr. Helen Wallis (British Library). There will be carto-bibliographical information on all 180 maps and charts, and chapters on various aspects of the atlas by Drs. A.H. Sijmons (Formerly Map Curator, University of Amsterdam). The printing is limited to 300 copies. Price Dfl. 750,- approximately.

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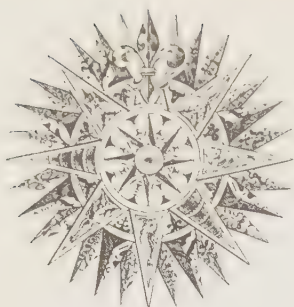
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The Mythical Island of Frisland

by Oswald Dreyer-Eimbcke

APART FROM PLATO'S Atlantis fable and Pytheas' Thule story, hardly any other tale with a geographical background handed down in literature has caused so much animated discussion and so many novel interpretations as the book *De i commentarii del viaggio*, published in Venice in 1558. This apocryphal work is accompanied by a woodcut map, 'Carta da navegare de Nicolò et Antonio Zeni Fvrono in Tramontana lano MCCCLXXX.'

The book and map were published by Nicolo Zeno, a descendant of the brothers Nicolo and Antonio Zeno. The accompanying text describes the alleged travels of his ancestor in the year 1380 to places which included Frisland, Estotiland, Icaria and Drogeo. Nicolo Zeno wanted, most of all, to prove that it had not been the Genoese Columbus but Zeno's own Venetian ancestors who had first 'discovered' America; and it seems that for him all means were justified by the end. The Zeno map is a classic example of the partly unscrupulous attempt at forgery with which early cartographers at times approached their work. Zeno's description of an island called Frisland (in the text 'Frislandia') subsequently led to a total geographical confusion, to which numerous contemporary and later cartographers were to fall

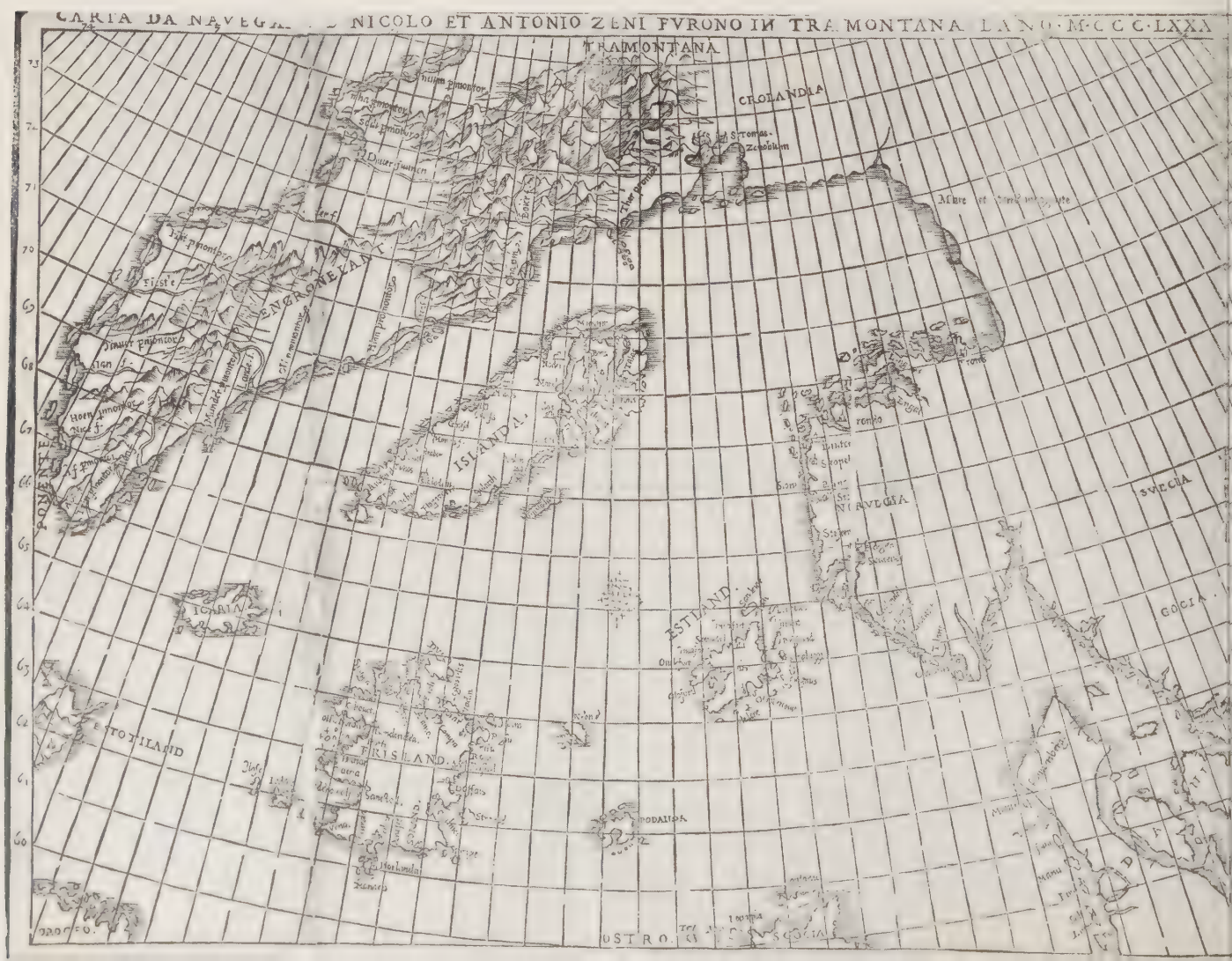
victim.

Mercator accepted the existence of Frisland on his world map of 1569 (and included a separate inset of the island on his North Polar map of 1595), and Ortelius had done so by at least 1570. On later maps the 'sunken land of Bus' can be found instead of Frisland. Zeno's imaginary geography had its effect as late as the eighteenth century.

The number of supporters and doubters of the Zeno map maintained a certain balance even up to the end of the last century. Such renowned scholars as A. von Humboldt and A.E. Nordenskiöld supported the authenticity of the Zeno tale and map. There were early sceptics, however, like Georg von Horn who had already declared in his *De Originibus Americani* (1652): 'Neither in the ocean nor on the land is there anywhere that matches the reports of Zeno.'

When Martin Frobisher reported in July 1576 the 'sight of a high and rugged land,' he actually saw the coast of Greenland in the area of Cape Farewell. However, on the strength of the Zeno map which he had with him, he assumed this to be the imaginary island of Frisland, and even took possession of it in the name of

Nicolo Zeno's map of the Arctic region was published in Venice in 1558 with *De i commentarii del viaggio*. It illustrated a voyage supposedly made by Zeno's ancestors, Antonio and Nicolo, in 1380. The mythical island of Frisland is shown with detailed – and named – geographical features (By courtesy of the author).





encenzo Coronelli's 'Frìslanda Scoperta Da Nicolo Zeno' appears to be the only other separately published map of the mythical island. It was published in the *Corso Geografico Universale*, 1692-4 (By courtesy of the Altonaer Museum in Hamburg).

An anonymous sixteenth century copper engraving is probably the earliest separately published map of the mythical island. It closely resembles Zeno's 58 map (By courtesy of the British Library).

the Queen of England. The credibility of both Zeno's map and book have been shaken by recent research to such an extent that it seems quite meaningless to continue to puzzle over what might have been meant by Frisland and the other mythical islands.

As early as the fourteenth century and as late as the sixteenth, portolan charts show, on approximately the same geographical latitude, 'Sialanda' (Angelino Dalorto 1325 or 1330), 'Fixlandia' (Catalan chart in the Biblioteca Ambrosiana – thought to date from the second half of the fifteenth century), 'Ixilandia' (Fra Mauro 1457-1459), 'Frilland' (Nicolo de Caneiro), and 'Stillanda.' It is even possible to make out Frisland on the partially illegible map by Juan de la Cosa (dated 1500, but completed later). It would be easy to assume that Frisland is a corrupted form of all the earlier names.

With the exception of the Zeno book, the concept of Frisland is only found on maps. Some people have identified it with Iceland or Thule, some with the Faeroes, others again see it as a totally independent island. Even Fernando Columbus says in his *Historia*: 'The fact is that, what Ptolemy called Thule, is still where he said it would be, and today it is called Frisland.' Surely, for him, it was identical with Iceland.

The earliest separate map of Frisland is an anonymous sixteenth century Italian production. The British Library's map catalogue suggests a c. 1550 date for it, but it is presumably based on the printed Zeno map of 1558 which it closely resembles. Vincenzo Coronelli's map 'Frislanda Scoperta da Nicolò Zeno,' from the *Corso Geografico Universale* (1692-4), appears to be the only other separate printed map of Frisland.

I would be interested to hear from any readers who can provide any additional information on this mythical island.

Further reading

E. H. Sigurdsson, *Kortasaga Islands frá öndverdu til Loka 16. aldar* (Reykjavík, 1971). See English summary pp.257-59.

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.

(The item numbers noted at the end of each sale are a total of all maps and atlases listed in the catalogue.)

C Christie, Manson & Woods Ltd., 8 King Street, London SW1Y 6QT

9 Nov 83 Premium 8% (incl.) 1 item

16 Nov 83 Premium 8% (incl.) 28 items

CA Christie's Amsterdam B.V., Cornelis Schuystraat 57, 1071 JG Amsterdam

20 Sep 83 Premium 16% (incl.) 15 items

CNY Christie, Manson & Woods International Inc., 502 Park Avenue, New York, NY 10022

18 Nov 83 Premium 10% (incl.) 8 items

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

16 Sep 83 No Premium 35 items

7 Oct 83 No Premium 29 items

D F. Döring, Neuer Wall 40-2, 2000 Hamburg

23-6 Nov 83 Premium 15% (excl.) 563 items

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

12 Nov 83 Premium 15% (excl.) 399 items

KF Karl & Faber, Amiraplatz 3/IV, Luitpoldblock, 8000 München 2

28 Oct 83 Premium 15% (excl.) 177 items

L Libris Auktioner, Box 5123, 102 43 Stockholm 5

8 Oct 83 Premium 12.5% (excl.) 18 items

P Phillips, Son & Neale, 7 Blenheim Street, New Bond Street, London W1Y 0AS

8 Sep 83 Premium 10% (excl.) 52 items

29 Sep 83 Premium 10% (excl.) 41 items

20 Oct 83 Premium 10% (excl.) 57 items

24 Nov 83 Premium 10% (excl.) 39 items

RA Reiss & Auvermann, zum Talblick 2, 6246 Glashütten im Taunus

11-15 Oct 83 Premium 15% (excl.) 2335 items

S Sotheby Parke Bernet & Co., Bloomfield Place, New Bond Street, London W1A 2AA

1 & 8 Nov 83 Premium 10% (incl.) 117 items

28 Nov & 1 Dec 83 Premium 10% (excl.) 94 items

Sp Sotheby's, Pulborough, West Sussex RH20 1AJ

15-18 Nov 83 Premium 10% (incl.) 106 items

Sw Swann Galleries Inc., 104 East 25th Street, New York, NY 10010

3 Nov 83 Premium 10% (excl.) 5 items

15 Dec 83 Premium 10% (excl.) 117 items

V Venator KG, St Apernstrasse 56-62, 5 Köln 1

29 Sep-1 Oct 83 Premium 15% (excl.) 256 items

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

13-14 Sep 83 Premium 20% (excl.) 15 items

ZK F. Zisska & R. Kistner, Unterer Anger 15, 8000 München 2

17-19 Nov 83 Premium 15% (excl.) 25 items

Exchange rates for this report (period September to December)

£ = \$1.4905 to 1.4410 £ = DM3.9862 to 3.9365

£ = Kr.3.2424 to 3.1625 £ = G4.470 to 4.4161

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

14th March	Christie's
15th March	Phillips
15-21st March	Van Gendt
24th March	James, 33 Timberhill, Norwich NR1 3LA
	Reiss & Auvermann
3-7th April	Sotheby's
3-10th April	Christie's, South Kensington
6th April	Phillips
12th April	Sotheby's
30th April	Bernd Schramm, Dänische Str.26, 2300 Kiel 1
May	Bonhams, Montpelier St, London SW7 1HH
2nd May	Dr Helmut Tenner KG, Sofienstr.5, 69 Heidelberg
8-12th May	Hartung & Karl
15-18th May	Sotheby's Atlas Sale
21st or 22nd May	F. Döring
end May	Sotheby's
5th & 19th June	Phillips
7th June	James of Norwich
30th June	Sotheby's
10th & 31st July	

ATLASES

APRÈS DE MANNEVILLETTE, J.-B. N.D. d'. Le Neptune Orientale. Paris and Brest, 1775

Second edition, frontispiece, dedication leaf, 63 charts, including 22 from the edition of 1745, frontispiece slightly soiled, occasional faint offsetting. CONTEMPORARY OWNERSHIP INSCRIPTION DATED JULY 4, 1775 ACKNOWLEDGING PRESENTATION OF THE ATLAS BY



The engraved title from F.J.J. von Reilly's 'Schauplatz der Fünf Theile der Welt', 1791-1806. This six volume Atlas reached DM 31,000 at F. Döring's auction on 23-6 November, 1983.

D'APRÈS DE MANNEVILLETTE, *contemporary calf, gilt rebacked preserving spine, gilt arms of Croppet de Varissan [Olivier, 2257] on sides, [cf. NMM I, 204], large folio (554mm by 450mm).*
S 28 Nov & 1 Dec 83 lot 205 **£900**

ADESLADE, T. *Chorographia Britanniae. London, 1742*
FIRST EDITION, title, dedication, 49 maps and tables, *contemporary mottled calf, [Chubb clxx], 8vo.*
C 16 Nov 83 lot 2 **£453**

ARCLAY, J. A *Complete and Universal Dictionary. London, 1840]*
Engr. title loose, 54 maps and plans, cf gt, spine defective, 4to.
P 20 Oct 83 lot 3 **£420**

LAEU, J. *Atlas Maior. 11 vols. Latin text. Amsterdam, 1662*
FIRST COMPLETE EDITION, 9 frontispieces, sub-title to vol. 10, part 2 (China), 11 titles, 597 ENGRAVED MAPS, PLANS, VIEWS AND PLATES, FINELY COLOURED THROUGHOUT BY A CONTEMPORARY HAND, including frontispieces and sub-title (heightened with gold), title vignettes, and all cartouches, etc., on the maps, on guards throughout, index leaf at end of each vol., only a few defects, old mottled calf gilt, r.e.; 2 spines damaged, cracks in one or two joints, rubbed, but A FINE, CLEAN COPY, folio (563mm by 365mm).
This copy has been collated with Koeman (I. Bl 56), and with Phillips, *Atlases* 3430. [Full collation given in catalogue].
S 28 Nov & 1 Dec 83 lot 193 **£50,000**

Atlas Maior, vol. 5 [Scotland and Ireland]. Latin text. msterdam, 1662
Title with printed label and 55 maps, COLOURED IN A CONTEMPORARY HAND, TITLE AND MOST MAPS HEIGHTENED IN GOLD, contents leaf at end, dampstain affecting lower blank margins with occasional softening, slight damage by adhesion affecting one or two maps, GENERALLY WITHOUT THE BROWNING OFTEN FOUND, contemporary gilt panelled vellum, g.e., upper cover worn, slightly soiled, [cf. Koeman I, Bl 56, pp. 218-220], folio (557mm by 350mm).
S 28 Nov & 1 Dec 83 lot 152 **£1850**

LAEU, W. & J. *Atlas Novus, vols 1-4. French text. Amsterdam, 1638-48*
6 kolor. Titeln und 332 kolor. Kupferstichkarten Textkupfern u. zahlr. Textholzschn. in Bd. 4 (Münzabb., Inschr.). Pgtbde d.Zt. m. Goldpr. u. Ganzgoldschn. (Bd. 1 am Rücken restauriert, etwas berieben u. bestoßen, an den Ecken u. Kapitalen läd.) Koemann I, Bl. 16 A, 17, 35 A, 42 A bzw. C. – Bis auf Bd. 5-6 (Schottland, Irland, China) vollst. u. insges. schönes Exemplar d. „Theatrum orbis terrarum“ in erster (Bd. 3), zweiter (bd. 1 u. 2) u. dritter (Bd. 4) franz. Ausgabe auf kräftigem Papier. Die Karten in prachtvollem Altkolorit mit ausgemalten Kartuschen. Die Karten von Romagna-Ferrara und Romagna olum Flaminia gegenüber Bl. 35 A verkehrt placiert, Karte Braunschweig-Magdeburg in Bd. 1 aus Blauc Var. 16 B, in Bd. 4 zweimalige falsche Pagin. sowie Karten-Lagen u. Textfolge vereinzelt abweichend von Bl. 42 A. Einige Bl. mit Einrissen oder Abrissen am weißen Rand. Die Weltkarte im oberen u. unteren weißen Rand durch Wurmfraß beschädigt, 5 Karten m. Quetschalten im Bug oder an den Rändern. Insges. 10 Karten am Bug etwas eingerissen (ausgebess.) sonst nur vereinzelt Fingerspuren oder schwache Flecken an den Rändern. In Bd. 1-3 Vorsätze mit hs Besitzvermerk Joh. bzw. Paul Devoet (dat. 1653, 1753, 1818).
D 23-26 Nov 83 lot 749 **DM 105,000**

Atlas Novus, vol. I [Northern Europe]. French text. Amsterdam, 1647
2 Teilen. Mit 2 Titeln (teilw. goldgehöht) und 118 (statt 120) kolor. Kupferstichkarten. Pgt. d. Zt. m. reicher Verg. (etwas verblaßt, Schließb. entfernt). Gr.-Fol. Koeman Bl. 19 C. Ohne die Gotland u. Donaukarte. 1 Bl. d. Einführung und 6 Karten m. Ausschnitten (mehr od. weniger Bild-bzw. Textverl., Moskau, Hessen, Brabant, Namur, Flandern, Groeningen). Die Litauen-Karten ungleichmäßig herausgetrennt u. lose (b. Zusammenfügen kein Bildverlust).
D 23-26 Nov 83 lot 750 **DM 32,500**

Atlas Novus, vol. 5 [Scotland and Ireland]. Latin text. Amsterdam, 1654.
Title with letterpress overslip, colored and gilt, 55 maps, all colored by an early hand. Folio, 51½ x 33½ cm, contemporary vellum gilt extra, all edges gilt and partly gauferred; some leaves and about 10 maps browned, some other browning or foxing, few marginal defects.
Koeman Bl 49.
Sw 3 Nov 83 lot 19 **\$2400**

OME, R. [Britannia. London, 1673]
50 maps, one plan of London (by Hollar), 13 leaves of coats of arms (an additional leaf not called for) and, inserted a plan of Londonderry (not called for), a few maps repaired, one or two with minimal loss of engraved surface, outer margins of one map frayed touching engraved surface inserted plan slightly defective in one margin, wanting title, dedication and list benefactors laid down or repaired, nineteenth-century half calf, worn, [cf. Skelton, 90; Chubb, XCIX; Wing B 3707], folio.
The inserted plan is Philip Lea *The Scenography of the City of Londonderry*, n.d., [but 1689, or later], showing the layout of the siege of 1689.
S 28 Nov & 1 Dec 83 lot 149 **£1350**

– Another copy
(Kent torn and Scotland loose), cont. cf, rebacked, folio.
P 24 Nov 83 lot 310 **£1400**

BORDONE, B. *Libro . . . de tutte l'Isole del Mondo. Venice, 1528*
FIRST EDITION, title, 7 maps, 104 maps in the text, and one other illustration, title a little soiled, occasional waterstaining, dampstain affecting last 4 leaves, strengthened with slight loss of text on last, a few marginal inkstains and underlinings in the text, modern red morocco, gilt, [cf. Harrisse, 145; Sabin, 6147; Phillips, *Atlases*, 162; JCB I, 98-99], small folio.
S 28 Nov & 1 Dec 83 lot 177 **£2406**

BOWEN, E. A *Complete System of Geography. London, 1747*
2 vol., 74 mapsheets (70 only called for), a few tears with occasional slight loss of engraved surface, one or two margins frayed, some creasing, text generally browned, index leaves defective, contemporary calf, very worn, folio.
S 28 Nov & 1 Dec 83 lot 197 **£1600**

– [The Maps and Charts to the Modern Part of the Universal History. 1767]
39 maps (37 called for), a few minor tears or repairs without loss of engraved surface, occasional dust-soiling, contemporary half calf, slightly worn, folio.
The twin-hemispherical world map is State II.
S 28 Nov & 1 Dec 83 lot 207 **£800**

BOWEN, E. & T. KITCHIN. *The Large English Atlas. London, 1767 [but 1780 or later?]*
Title, 47 large maps coloured in outline, occasional faint offsetting, small library stamp removed from foot of title, contemporary half calf, covers detached, [THIS EDITION NOT IN CHUBB, but cf. Hodson (Hertfordshire), 37(v): note], folio (562mm by 390mm).
28 Nov & 1 Dec 83 lot 155 **£3100**

CAMDEN, W. *Britannia, [Kip & Hole Maps]. London, 1607*
Engd. title, 57 maps, contemp calf, 1 cover detached, folio.
Sp 15-18 Nov 83 lot 2057 **£1980**

– Another edition, [Kip & Hole maps]. London, 1637
Second edition of Holland's translation, title, 56 (of 57) maps, 8 plates, illustrations in the text, a few mapsheets shaved at outer margins (one or two strengthened), one or two others a little frayed, occasional marginal waterstaining or small rust-holes affecting the text, eighteenth-century calf, gilt, worn, [Skelton, 23; STC, 4510], folio (326mm by 210mm).
28 Nov & 1 Dec 83 lot 151 **£1200**

– Another edition, [Morden maps]. London, 1695
WILLIAM STUKELEY'S COPY, ANNOTATED BY HIM throughout in ink, engraved frontispiece portrait, 7 plates of coins, 3 other plates and 50 maps (map of Kent trimmed to outer border; tear in centre-fold of maps of Surrey and Stafford), 3 small maps from 'Antoninus Itinerary' tipped in, occasional additions made to maps (roads added, etc.) by Stukeley in ink, contemporary reverse calf (eighteenth century reback), [Wing C359; Chubb 113], folio.
Ownership inscription of Elias Mason 1694 on title; William Stukeley, Boston, Lincs., 1714; on front paste-down; book-plate of Charles Eve, with his ms. note 'This book cost me one guinea, Tuesday Sept. 1:1767, for which I would not take five guineas, any additions to this book shall be in red ink & the marginal notes are by Dr. Stukely'.
Stukeley (1687-1765) was the most eminent and influential British antiquary of the eighteenth century. The book was probably sold at the auction of his antiquities in May 1766
C 9 Nov 83 lot 48 **£2376**

– Another copy
50 maps, 9 plates, 3 small maps (eighteenth-century) of Thames, Ouse and Humber valleys, occasional marginal waterstaining, occasional offsetting in the text, eighteenth-century blind-ruled calf, rather worn, upper cover detached, [cf. Chubb, CXIII; Wing, C539], folio (396mm by 257mm).
S 28 Nov & 1 Dec 83 lot 154 **£850**

– Another copy
50 MAPS ALL COLOURED BY HAND, old calf (rebaked), with the bookplate of Edward, Duke of Norfolk.
C 16 Nov 83 lot 62 **£1296**

– Another copy
Title and port., loose and frayed, 50 maps mostly with tears, maps of Britain, Kent and British Islands badly torn, ci defective.
P 24 Nov 83 lot 312 **£700**

Another edition, [Modern maps]. London, 1722
Titles, portrait, 51 maps; several numismatic plates; text engravings. 2 volumes. Folio, contemporary calf, rebacked; bindings worn.
Sw 3 Nov 83 lot 33 **\$1200**

– Another edition, [Modern maps] London, 1753
2 vols., portrait, plates of coins, 51 maps, contemporary calf, spines gilt with red morocco labels (a little rubbed), [Chubb cxv], folio
C 16 Nov 83 lot 7 **£918**

– Another edition, [Modern maps]. London, 1789
3 vols., 60 maps, portrait and other plates (slight offsetting on some maps), diced russia, (rubbed, some covers detached), [Chubb 271], folio.
C 16 Nov 83 lot 63 **£324**

– Another edition, [Modern maps]. London, 1806
4 vol., folio, portrait, 100 plates, 56 maps, contemporary calf, rubbed, rebacked, one cover detached.
Cs 16 Sep 83 lot 221 **£300**

CARY, J. *New English Atlas. London, 1809*
Title and 42 hand-coloured maps on 46 sheets, 40pp. index bound before title, contemporary half russia (upper cover detached; corners rubbed), large oblong folio [22½ x 27 in].
C 16 Nov 83 lot 70 **£810**

– Another copy
Index bound in at end, hf mor. worn.
P 20 Oct 83 lot 256 **£440**

– Another edition. 1811
Title, 42 maps on 44 mapsheets coloured in wash and outline, occasional slight offsetting, index and tables at end, contemporary half russia, gilt, rubbed, joints a little weak, [cf. Chubb, CCCXXXIV (see footnote)], folio (542mm by 360mm).
With the exception of Cornwall (dated 1806), the title and imprint dates are altered to 1811 (cf. Fordham, *John Cary*, p. 83).
S 28 Nov & 1 Dec 83 lot 160 **£420**

– New Universal Atlas. London, 1808
60 maps, first 10 with tears, many soiled, hf cf worn, folio.
P 20 Oct 83 lot 270 **£580**

COLLINS, G. *Great-Britain's Coasting Pilot. London, 1753*
2 parts in 1, front, and 45 (of 49) charts, cartouches, sl water-stains, contemp calf, worn; folio.
Sp 15-18 Nov 83 lot 2059 **£1452**

DANCKWERTH, C. *Neue Landesbeschreibung . . . Schleswich und Holstein. Husum, 1652*
Titel und 40 Kupferstichkarten u. -plänen Pgt. d. Zt. Fol. Kat. d. Schlesw.-Holst. Landesbibl. 430 u. 2244. Graesse II, 324. Mit einem Register (23 Bl., 23 Bl., am Ende beigelegt) – Kupfertitel ausgeschnitten u. unterlegt (untere Hälfte d. Außenrandes beschäd. mit etwas Bildverlust). Text unterschiedlich stockfl. bzw. gebräunt. 1 Textlage lose. Einige Tafeln leicht gebräunt bzw. minimal stockfl. Mehrere Karten mit einigen farb. unterstrichenen Ortsbezeichnungen.
D 23-26 Nov 83 lot 1713 **DM 15,500**

DE L'ISLE, G. *Atlas Nouveau. Amsterdam, 1730*
2 titles, Sanson's Introduction a la Géographie 47 maps (of 56?), additional title fully coloured, maps hand-coloured in outline, several mapsheets detached, one or two short splits at centre-folds without loss of engraved surface, modern green vellum, gilt, [cf. Koeman II, C & M 4], folio (547mm by 330mm).
S 28 Nov & 1 Dec 83 lot 201 **£1400**

– [Collection of Maps of the World]. Paris, [maps dated 1700-32]
93 maps, coloured in outline, (map of the Low Countries torn; one map just shaved in foremargin; 3 maps with small tears in upper outer corner), contemporary calf (rubbed and a little worn), oblong folio (510 x 680mm).
14 maps relate to America and are similar to those listed by Phillips, no. 535 (without nos 66 & 80). Also contains Plans de la ville et fauxbourgs de Paris, 1716.
C 16 Nov 83 lot 205 **£2916**

DONCKER, H. *The Sea Atlas. Amsterdam, [1676?]*
Imperial folio. Title, one global-map, 48 charts, all coloured, 6 pp printed text with index, listing 28 charts. Contemporary red half calf with marbled paper, somewhat worn. This Atlas lacks the title, printed on a slip of paper, generally pasted on the engraved title.
The content of this Atlas is almost exactly in accordance with that of Don 12 B in Koeman. Atlantes Neerlandici. However, in this copy, No 40, De Golf de Bengala, and No 47, Paskaarte van t' zuijdelijkste Deel van America, are missing, but in addition there is a chart of "Eems-Elve", Koeman D 33 (3), inserted.
L 8 Oct 83 lot 747 **Kr 98,000**

EEKHOFF, W. *Atlas Nieuwe van de Provincie Friesland. Leeuwarden, 1849-59*
Schaal 1 : 25.000, 32 maps. Contemp. h. calf, large folio. – Koeman, Handleiding, 71. Edition made for 286 subscribers.
VG 13-14 Sep 83 lot 789 **G 2700**

ELLIS, J. *The English Atlas. London, 1768*
Lacks title, general map and 44 maps (of 50), 1 map stained, disbound, oblong 4to.
P 8 Sep 83 lot 431 **£340**

ELWE, I.B. [Atlas.] Amsterdam, 1792
33 (of 37) maps, including 2 charts and distance table, one map of Germany from another work, loosely inserted, hand-coloured in outline, and 22pp. of letterpress (lacking the title; some soiling and occasional marginal tears, repaired; hole in E1, with loss of text), modern morocco, [Koeman II, E12], folio.
CA 20 Sep 83 lot 63 **G 3648**

THE ENGLISH PILOT for the Southern Navigation. London, 1779
22 maps, 3 maps and woodcuts in the text. Imperial folio (1), 92 pp. Contemporary full calf. Back and sides damaged. Old annotations by the owner, Andreas Brodin, on fly-leaf and on the map of Portugal and Spain. He bought this "Sea Spegeil" in Hull 1783. Some of the map-sheets with traces of

diligent use, while other sheets are practically untouched
L 8 Oct 83 lot 753 **Kr 12,000**

– **Part 3 [Mediterranean]. London, 1776**
16 double-page maps, 86; 32 pp. Imperial folio. Contemporary full calf. Back damaged. The large (470 x 1130mm) Key map of the Mediterranean Sea with a burnt hole (25mm d). With marks of use
L 8 Oct 83 lot 754 **Kr 9000**

– **Part 4 [America]. London, 1765**
22 maps, 4 maps and woodcuts in the text. Imperial folio, 68 pp. Contemporary full calf with ties. Back damaged. The chart of the West Indies near cut in lower margin. Sabin 22618 (ed. of 1770)
L 8 Oct 83 lot 755 **Kr 34,000**

EULER, L. Geographischer Atlas. [1760]
44 flächenorientierten Kupf.-Karten. Quer 2°. Hpgt. (Einband m. Alt. u. Gebrauchsschäden. Titel beschnitten u. aufgeklebt; Inhaltsverz. hs. Gestempelt. Wenige Kten. m. Einrissen u. Tintenflecken innerhalb des Plattenrandes. Meist nur Schäden im w. Rand). Deutsche Ausgabe des „Atlas geographicus“ (1753).
V 29 Sep-1 Oct 83 lot 10 **DM 2000**

FADEN, W. [A New General Atlas.] London, [1799, the maps dated between 1790 and 1799]

51 large mapsheets (50 only called for in printed list of contents), mostly hand-coloured in wash or outline, occasional dampstaining touching engraved surfaces, a few margins strengthened, occasional dust-soiling or slight offsetting, one or two mapsheets cut close affecting neatlines, modern half calf, preserving original label on spine, large folio (572mm by 454mm).
S 28 Nov & 1 Dec 83 lot 206 **£840**

– Another edition. [1806, the maps dated between 1790 and 1806]

55 large mapsheets mostly coloured in wash and outline, one or two maps detached, occasional slight offsetting, one or two cut close affecting some imprints, a few creases, wanting the title, contemporary half russia, worn, one cover detached, large folio (580mm x 440mm).
S 28 Nov & 1 Dec 83 lot 209 **£760**

FRICX, E.H. Cartes des Provinces des Pays Bas. Paris, 1744
15 maps, the first with large title cartouche (some discolouration), contemporary wrappers (torn and frayed), [Koeman II Fri 2A], folio.
C 16 Nov 83 lot 12 **£302**

GEDDA, P. Generale en Verscheyde Speciale Pas-Kaerten over de Geheele Oost-Zee. Amsterdam, [1694-5]
Folio. 8 pages with title, register etc and 10 sea charts + 2 extra charts: "Generale Pass-kaart van de Oost-Zee en Schager-rack . . . By Peter Gedda år 1695" and "Generale Pass-Charta öfwer Norr Siön, Carl Eldberg delineavit." The charts are folded and mounted back on thick rag-paper. Both text and charts water-marked and browned in inner margins. Simple contemporary binding with marbled paper and leather back. Of great rarity, the Swedish national bibliography lists only 3 copies.
L 8 Oct 83 lot 763 **Kr 50,000**

GOOS, P. Zee-Spiegel. Amsterdam, 1652, [1653 on the topographical titles]

Part I-II. Frontispiece, 5 plates in the text, 2 revolving discs, illustrations in the text + 61 charts. Dutch text. Large folio. Coll. a4 - e4, f2; 1-108; 1-107. Contemporary half calf. Some of the charts near cut and repaired.
This is the second edition of Pieter Goos's Zeespiegel. Complete copy in accordance with Koeman, Atlantes Neerlandici, Goos 17.
L 8 Oct 83 lot 766 **Kr 24,000**

GOTTFRIED, J.L. Neue Archontologia Cosmica. Frankfurt am Main, 1638

Frontispiece (fore-margin shaved, small ownership stamp), 86 plates and maps by M. Merian, many views and some plates with tears, repairs and occasional loss, some discoloration and stains, half vellum, folio.
S 28 Nov & 1 Dec 83 lot 189 **£3200**

HOMANN, J.B. & HEIRS. [Atlas. Nuremberg, c. 1730?]

25 hand-coloured maps, without title (some dampstaining), edges frayed (first map torn at fold, last map defective), contemporary calf, with publishers' device (?) on covers (worn, edges torn), folio.
CA 20 Sep 83 lot 65 **G 2964**

– **Atlas Geographicus Maior. Nuremberg, [title dated 1759]**
Titel zu Tl. 1, gest. u. kolor. Frontisp. (Atlas novus) u. 173 kolor. Kupferstichkarten. Hldr. d. Zt., gr.-fol. 4 Karten lose u. mit Knicksp. u. kl. Randläsuren. Einige Karten mit Wasserrändern u. gering fleckig. Im weißen Rand teilw. mit Anmerkungen. Einbd. beschädigt.
D 23-26 Nov 83 lot 765 **DM 24,000**

– **Atlas Germaniae Specialis. Nuremberg, 1753**
Mit gest. kolor. Frontisp., kolor. Titel, 4 Widmungsbl. mit gest. Vign., gest. Index, 16 S., 2 nn. Bll., gest. Landes-Kreis- u. Ortsverzeichnis u. 144 (st. 147?) grenz- und flächenkolorierten Kupferstichkarten. Unter Verwendung des alten Materials neu aufgebundene und meisterlich restaurierter mittelbrauner Kalblederb. d. Zt. (Original-Verlagseinband) in Folio [restauration given in detail]. Drei Karten stärker braunfleckig, sonst guterhaltenes Exemplar.

D 23-26 Nov 83 lot 764 **DM 27,000**

– **Atlas minor. Nuremberg, [c. 1745]**
Gr.-fol. 1 Bl. Titel u. Inhalt, 37 altkolor. Kupf.-Ktn. und 1 kolor. Taf. Hldr. d. Zt., defekt.

Von den 36 im Tafelverzeichnis genannten Karten sind nur 27 vorhanden, dafür sind 10 andere beigegeben (darunter 7 Homann-Erben) Die meisten Karten in den Rändern abgeriffen, mit Rand- u. Bugeinrissen (bei 3 Karten bis weit ins Bild, Kte. der Schweiz ganz durchgerissen), einige Karten mit Knitterfalten.
RA 11-15 Oct 83 lot 2846 **DM 3200**

– **Atlas Novus. Amsterdam, [c. 1755]**
Engraved title, 85 maps and one key map and table, all but four HANDCOLOURED, mounted on guards (occasional light marginal staining; last map slightly creased and with a marginal tear), contemporary calf (worn; joints broken), folio.
Despite the faults mentioned, the majority of the maps in this copy are in good, fresh condition.
CA 20 Sep 83 lot 64 **G 10,260**

HONDIUS, J. Historia Mundi, or Mercator's Atlas. London, 1635

Extra title (mounted); 189 maps printed in the text. Thick small folio, 29½ x 18½cm, 18th century sprinkled calf; joints cracked.
Many margins replaced (without loss of text); all the index after 4N4 lacking, and lacking pages 403-8 (possibly never printed). Also, the New England map is not present, nor is that of Valesia.
As in virtually all copies, the Virginia and New England map is not present, the space being filled by a duplicate of the Hispania Nova.
The engraved title, which has the leaf of verses by M.S. facing it, has the single imprint of Michael Sparke, the words "Second Edition" added, and dated 1639.
Sw 3 Nov 83 lot 101 **£2100**

HORNIUS, G. Acuratissima Orbis Delineatio. Amsterdam, 1684

Imperial folio. (4), 30 pp. + 53 maps. Contemporary full calf, slightly worn. Koeman II, p. 186. A fine copy with large margins.
L 8 Oct 83 lot 783 **Kr 40,000**

JAILLOT, H. See Sanson, N.

JANSSON, J. Novus Atlas, vol. 1. German text. Amsterdam, 1647

74 (of 103) maps. Some lightly coloured. 2 maps torn in the fold and one with a small cartouche cut out. Nordenskiöld 1, 112. Contemporary half calf binding with trace of use. Most of the maps are in good condition, text-pages are missing.
L 8 Oct 83 lot 791 **Kr 19,000**

– **Atlas Novus, vol. 2 [Netherlands, France, Spain]. German text, 1647**

92 (122) maps. A small cartouche on one map cut out and 4 of the maps loosely inserted. Title missing. Nordenskiöld 1, 113.
L 8 Oct 83 lot 792 **Kr 21,000**

– **Atlas Novus, vol. 3 [Italy, Asia, Africa, America]. German text, 1647**

73 (of 94) maps. Some slightly coloured. Nordenskiöld 1, 114.
L 8 Oct 83 lot 793 **Kr 29,000**

Atlas Novus, vol. 4 [British Isles]. German text, 1647

45 (of 56) maps. Title missing. One text-opening very spotted. Nordenskiöld 1, 115.
L 8 Oct 83 lot 794 **Kr 20,000**

JEFFERYS, T. The American Atlas. London, 1775

Atlas folio, 555 by 395mm (21¾ by 15¼in), contemporary tree calf, broken, 4 maps with faint spotting, 1 with minute tear at fold, very minor dust soiling, edges of title darkened and brittle, FIRST EDITION of this collection, title-page, 1 leaf index and 22 maps on 29 sheets with guards, mostly folding, all handcolored in outline. Howes J81; Phillips 1165; Sabin 35953 note; Streeter sale 72.
C NY 18 Nov 83 lot 300 **£8250**

– **The Natural and Civil History of the French Dominions in North and South America. London, 1760**

Folio, contemporary diced russia gilt, upper joint with old repair but broken, repairs to spine and corners, repairs with Scotch tape to small tear in map of Nova Scotia and to preceding text leaf Hh, slight tear to plan of Louisbourg, old paste-down over lower margin of verso of final leaf covering paper flaws. 2 parts in one, titles with the 7 leaves LL* - Nn* concerning the siege of Quebec and the paste-down slip on p. 80 of part 2 containing parish names, 18 maps and plans. Streeter sale 128; Howes J83; Lande 471; Sabin 35964. The Lowther Castle copy, with gilt stamped arms on sides and book-label.
C NY 18 Nov 83 lot 150 **£6050**

JENNER, T. A Book of the Names of all Parishes . . . in England and Wales. London, 1657

Additional title dated 1643, table of roads, map of England and 39 maps, maps of England, Yorkshire & Wales and the table of roads laid down and folding, interleaved throughout, old calf (slightly rubbed), [Chubb xlix], 8vo.
C 16 Nov 83 lot 100 **£410**

JOHNSTON, A.K. The National Atlas of Historical, Commercial, and Political Geography. [1844]

FIRST EDITION, title and 45 maps (of 46: wanting the first), coloured in wash or outline, occasional faint offsetting, publisher's half morocco, gilt, g.e., very worn, defective, [cf. Phillips, Atlases, 4323], folio.

Two of the American maps show the independent State of Texas which was admitted into the Union in 1845. For the Australian maps, see Tooley, Australia, 755, 761, 764, 774 and 780.

S 28 Nov & 1 Dec 83 lot 211 **£3500**

KEULEN, J. van [De Groote Nieuwe Vermeerderde Zee-Atlas.] 1681-86?

32 maps from different editions (1681-'86?), all handcoloured in outlines, the cartouches and oth. embellishments in full contemp. handcolouring and partly heightened with gold. Contemp. giltstamped vellum. central Dutch Lion, surrounded by large ornament, double gilt lines round sides, corner ornaments (rebound, new fly-leaves, somewhat dust-soiled), large folio. = No title, printed index listing 37 maps. Kort verhael der Scheep-vaert (12 pp.). All maps doubled, margins partly short or somewhat frayed, some slight stains & dustsoiling in places, some small repairs (innerfolds & corners). – B.w. at beginning: 4 maps by N. Vischer.
VG 13-14 Sep 83 lot 1072 **G 12,000**

KITCHIN, T. General Atlas, London, 1800

40 partly col. maps mainly folding, hf cf covers detached, fol. J.
P 8 Sep 83 lot 425 **£4800**

KOEHLER, J.D. Bequemer Schul- und Reisen-Atlas. Nuremberg, 1718

Title, frontispiece, 2 pp. Privilege, 3 engr. text leaves, 3 text leaves, including geographical description of Louisiana and 120 MAPS, VIEWS, PLATES and TABLES, all maps and most plates HAND-COLOURED, mounted on guards throughout (2 maps with small tears, map of Hungary torn and defective replaced by a different folding map of Hungary loosely inserted), contemporary Spanish tree calf, labelled "ZEITUNGS ATLAS", vellum index tabs, (binding slightly rubbed), folio.
The dedication and descriptive text plates 26-31 called for by the contents list are not present.
C 16 Nov 83 lot 106A **£4320**

LANGENES, B. Caert-Thresoor. Amsterdam, 1599

2 parts in 1 vol., second edition, title (torn, affecting imprint), engraved 'Victoria' plate (shaved) and 115 + 56 maps and plates (of 172: wanting 'Malabar', together 171, 'Goiland' torn without loss of engraved surface, occasional waterstaining or slight surface dirt), contemporary calf, spine gilt, [cf. Koeman II, Lan 2 (see note)], small oblong 8vo.
This copy contains the additional maps of America and Asia.
S 28 Nov & 1 Dec lot 180 **£1150**

LANGLEY, E. & W. BELCH. [Langley's New County Atlas of England and Wales. London, 1820]

49 maps (of 53: wanting Cumberland, Norfolk, Westmorland and Yorkshire and title) coloured in wash and outline, some loose, a few with small library stamps, not touching engraved surface, [cf. Chubb, CCCLX; Hodson (Hertfordshire), 77(ii)], contemporary half roan, defective, oblong 4to.
S 28 Nov & 1 Dec 83 lot 162 **£520**

LE ROUGE, G.L. Atlas Nouveau Portatif à l'Usage des Militaires. Paris, 1756-9

2 Bde. 4to. Mit 2 Tit., 1 Flaggentaf. u. 191 Kupf.-Ktn. mit altem Grenzkolorit u. fig. Kart. VIII, 36 S., 1 Bl. u. gest. Reg.-Bl. zu Bd. 2. Hldr. d. Zt., bestoßen u. Rücken etwas beschäd. Phillips 618. – Reichhaltiger Atlas mit Karten im Format Qu.-kl.-fol. – Schönes, sauberes Expl.
RA 11-15 Oct 83 lot 2859 **DM 7400**

LOBECK, T. & T.C. LOTTER. Atlas Geographicus portatilis. Augsburg, [c. 1750]

Title and 43 maps, all coloured. 105 x 70mm. Nice full tree calf, richly gilt back with red label (with title Lobecks Atlas), gilt border on sides.
Nordenskiöld Collection 2, no 134, lists a copy with 37 maps, ie 8 more than the 29 mentioned on the title and listed in the Index mapparum. In this copy there has been added 6 maps more!
L 8 Oct 83 lot 809 **Kr 12,500**

MALLET, A.M. Beschreibung des Ganzen Welt-Kreises, vols 4 & 5. Frankfurt, 1719

2 (of 5) volumes, bound in one. Additional titles and 228 copperplates. Extremely thick small 4to, old vellum.
Sw 15 Dec 83 lot 9 **£600**

MARSILI, L.F. Danubius Pannonico-Mysicus. The Hague and Amsterdam, 1726

6 vol., titles, 6 frontispieces, 284 numbered plates and maps, engravings in text, some browned, a few stains, marginal repair to frontispiece vol. V, contemporary French mottled calf, gilt, coronet cipher at corners, rebaked and repaired, titles inscribed 'Le Duc de Valentinois, 1728', bookplate of James Franck Bright (1832-1920, Oxford historian) [Nissen 2697], folio.
S 28 Nov & 1 Dec 83 lot 126 **£1300**

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

MERCATOR, G. Atlas minor. Amsterdam, Jansson, 1648

2 Tie. in 1 Bd. Qu.-4°. Mit 2 Titeln und 214. Kupferstichkar-

en. 5 nn. Bll., 460 (recte 466) SS., 3 nn. Bll. (das letzte weiß), 428 (recte 440) SS. Ppb.d. d. 19. Jhdts. (berieb., etc. gestoßen. Rücken etc. beschädigt).
Erste Ausgabe des „Atlas minor“ ohne den Namen Mercators. – Koeman Me 203. – Vgl. Phillips 461 (Ausg. 1651). – Einzelne Bll. mit kleinen Randeinrissen bzw. unbedeutenden paperschäden am Rand. Durchgehend leicht gebräunt, wenig stock- und fingerfl., sonst gut erhalten.
ZK 17-19 Nov 83 lot 3135 **DM 6000**

ERCATOR-HONDIUS. Atlas. French text. Amsterdam, 1699
Title, 4 sectional titles and 147 mapsheets in FINE, BRIGHT WASH AND OUTLINE HAND-COLOURING (THE TITLES HIGHLIGHTED WITH GOLD), some mapsheets split at centre-folds without loss of engraved surface, occasional soiling or faint browning (mostly affecting blank margins), at few index leaves detached and frayed, original vellum, gilt, oiled, lacking ties, [Koeman II, Me 19], folio (455mm by 297mm).
Z 28 Nov & 1 Dec 83 lot 185 **£10,400**

Atlas. Latin text. Amsterdam, 1623
Fifth edition, title, 4 sectional titles, portrait, 156 mapsheets coloured in wash and outline throughout, browned throughout, a few mapsheets damaged by green paint, affecting engraved surface, one or creases or tears, contemporary vellum, gilt, oiled, [cf. Koeman II, Me 27A], folio (460mm by 305mm).
Z 28 Nov & 1 Dec 83 lot 187 **£2,700**

ERIAN, M. see Gottfried, J.L.

ERULA, P. Cosmographiae Generalis Libri Tres. Leiden d Amsterdam, 1605
Titelvign., 5 mehrfach gefalt. Karten u. 42 gest. Karten im Text. Blindgepr. Schweinslederbd. d. Zt. (Schließenbänder entfernt). 4°. 8 nn. Bll., 1358 S., 1 Bl.
Cat. Nederl. Scheepvaart Mus. II, 636. – Koemann III, S. 1. – Die Europakarte mit kl. Einriß, teils unbedeut. stockfleckig. Schönes Exemplar.
D 23-26 Nov 83 lot 768 **DM 1800**

OLL, H. A Set of Fifty New and Correct Maps of England and Wales. London, 1724
50 maps coloured in outline with coloured borders and border illustrations (printed title stained, lower margin frayed; first map with small tears), contemporary half calf (spine and corners a little scuffed), (Chubb clxi), oblong folio.
C 16 Nov 83 lot 137 **£648**

Atlas Geographicus. 5 vols. London, 1711-17
Numerous plates and maps, the maps in vols. III (Asia) & IV (Africa) hand-coloured in outline, old panelled calf, not uniform, small 4to.
Vol. V relates to America. Very rare complete. Sabin 49902.
16 Nov 83 lot 136 **£540**

Another edition. London, 1711-14
4 vols. (of 5), hand-col. title to vol. 1, 71 hand-col. maps, cont. cf. 4to.
P 20 Oct 83 lot 262 **£360**

The World Described. London, [maps dated 1709-20]
Narrow atlas folio, 635 by 305mm (25 by 12in), original sheep, spine gilt-lettered, spine and corners worn and chipped, covers rubbed, broadside title hinged with Scotch tape and slightly oiled, maps 1, 2, 28 & 29 minutely wormed extending to endpapers and paste-downs, single two-inch tears at folds to maps 5 and 15, broadside title-page and 30 maps handcolored in outline, all on guards, eight of them relating to America. Phillips 554. Despite the above-mentioned defects, an excellent copy.
C NY 18 Nov 83 lot 301 **\$7700**

Another edition., London [c. 1733]
Title and contents leaf pasted on front pastedown, 30 large maps coloured in outline by a contemporary hand, one or two longitudinal folds worn (as usual) without significant loss of engraved surface (affecting mostly the European maps) and generally without much of the usual browning of the same, occasional faint stains, one or two short tears without loss of engraved surface, contemporary blind-ruled calf, worn [cf. NMM Catalogue 1, 398; Phillips, Atlases, 3469], tall narrow folio (638mm by 300mm).
Among the maps of the Americas is a fine copy of the celebrated "Beaver map" (Stevens and Tree, 55(c)); the map of the French claims (Cumming, 81).
Z 28 Nov & 1 Dec 83 lot 203 **£4300**

ONTECALERIO, J. à. Chorographica Descriptio Provinciarum, et Conventuum . . . S. Francisci Capucinatorum. Jan, 1712
Title and 63 maps showing the location of the Franciscan houses throughout Europe, each accompanied by a printed leaf of text, folding map strengthened at folds, title and a few leaves slightly soiled, occasional slight waterstain touching engraved and printed surfaces, contemporary calf, rebacked preserving gilt spine, modern label, [NOT IN BRITISH LIBRARY MAPS OR PHILLIPS, ATLASES], oblong folio (263mm by 95mm).
This rare atlas is similar in concept to that of the worldwide Essuit houses published by Heinrich Scherer at Frankfurt in 1703.
Z 28 Nov & 1 Dec 83 lot 202 **£1850**

OLE, T. The English Counties Delineated. London, 1837
vols., engr. title, 51 maps and 7 plans, a few with tears, hf

cf gt, spine defective, 4to.
P 20 Oct 83 lot 1 **£400**

– Another copy
52 maps and 7 plans, some tears, soiled, cf gt, covers detached, 4to.
P 20 Oct 83 lot 2 **£400**

MÜNSTER, S. Sei Libri della Cosmografia Universale. Basel, 1558
First edition in Italian, title, portrait on verso, 53 maps, plans, three folding panoramic views and upwards of 900 illustrations in the text, occasional slight affecting a few leaves of text, wormholes affecting front paste-down and first few leaves of text without loss but GENERALLY AN UNUSUALLY CLEAN COPY THROUGHOUT, contemporary Italian (Roman?) blind-stamped calf, slightly worn, edges gaufered, small wormholes at foot of spine, minor repairs, lacking ties, [cf. Ruland, Imago Mundi XVI, pp. 84ff.; Burmeister, 99?, folio.
S 28 Nov & 1 Dec 83 lot 182 **£4600**

NEPTUNE AMERICO-SEPTENTRIONALE. [Paris, 1775-1780]
Titles and 26 mapsheets of the Atlantic Seaboard, occasional slight offsetting or surface dirt, contemporary calf, gilt, slightly worn, [cf. Phillips, Atlases, 1211; not in NMM Catalogue], large folio (646mm by 505mm).
S 28 Nov & 1 Dec 83 lot 233 **£3100**

OGILBY, J. America. London, 1671
Large folio, contemporary calf, expertly rebacked and with corners and edges restored, first folding map torn, vignette at p. 219 torn with slight loss, slight tears to 3 folding plates, some slight and occasional browning. Second Edition, engraved title, printed title, 50 maps and views, 6 portraits and 66 engravings in text. Sabin 50089; Wing O165.
C NY 18 Nov 83 lot 212 **\$7150**

– Another copy
Frontispiece and 56 portraits, maps and views, illustrations in the text, contemporary motiled calf, panelled in gilt, spine gilt with red morocco label, [Wing O165], folio.
The map of Virginia & Florida, called for by the list of plates, is not present, and there is an additional map of Barbados (not called for)
C 16 Nov 83 lot 25 **£3780**

– Britannia. London, 1698
Second edition, 100 road maps, one or two maps still shaved at outer neallines, a few minor repairs without loss of engraved surface, without the leaf "to the Reader", some browning affecting text and several maps, occasional creases, contemporary panelled calf, rebacked, worn, joints weak, [Chubb, CIIa], folio (395mm by 245mm).
S 28 Nov & 1 Dec 83 lot 153 **£1900**

ORTELIUS, A. Theatrum Orbis Terrarum. French text. Antwerp, 1572 (colophon)-1574 (title-slip)
Title with pasted on slips and 65 hand-coloured mapsheets comprising 50 (of 53) of the maps in the 1572 edition (Koeman's Ori 4) and 15 (of 16) of the maps from the French Addition of 1574 (Koeman's Ori 8), a few mapsheets torn and repaired, some with marginal repairs touching engraved surface, one or two maps with surface flaws or stains, title soiled, nineteenth-century half vellum, somewhat worn, [cf. Koeman III, Ori 4 and Ori 8], folio (450mm by 305mm).
S 28 Nov & 1 Dec 83 lot 179 **£3800**

– Another edition, French text. Antwerp, 1587
Fol. Mit altkolor. Porträtkupfer und 112 altkolor. Kupferstichkarten. 11 nn. Bll. (5 Bll. Einleitung, 6 Bll. Nachwort u. Register). Beschäd. Ldrbd. d. 17. Jhdts. mit reicher Goldpr.
Koeman Ort 22. Ohne den gestoch. Titel. 4 Karten mit restaur. Randausschnitten, bzw. mit hinterlegten Randeinrissen. Karte 112 im linken Rand beschnitten. Sonst kaum fleckiges, wohlerhaltenes Ex., breitrandig und in schönem altem Kolorit.
ZK 17-19 Nov 83 lot 3136 **DM 37,000**

– Another edition. Italian text. Venice, 1667
Kl.-8°. Mit 108. Kupferstichkarten. 3 (statt 4) nn. Bll., 232 SS., 7 (statt 8) nn. Bll. Späterer Pgtbd. mit Rsch. und 2 Messingschließen (etw. berieb.).
Phillips 478. – Nicht bei Sabin. – Venezianischer Taschenatlas – Es fehlt ein Vortitel am Anfang und das letzte Bl. des Registers. – Titel angeschnutzt, 4 Karten eingerissen, durchgehend etw. fleckig.
ZK 17-19 Nov 83 lot 3137 **DM 2500**

– Another edition. Spanish text. Antwerp, 1588
Fol. Mit figürl. Kupferstich-Titelbord., 1 Porträtkupf. u. 100 Kupf.-Karten (mit zus. 138 Kartenbildern). 10 Bll. inkl. Tit. Ldr. d. Zt.; stark berieben u. bestoßen sowie am Rücken beschäd.
Koeman Ort 23; Phillips 393; Voet, Plantin 1822. – Ex. mit Gebrauchs- u. Fingerspuren in den Rändern, teilw. auch leicht gebräunt, wenige Taf. etw. braunfleckig, 8 Taf. mit längeren Bugeinrissen bis ins Kartenbild (darunter Weltkte., Europakte., Amerika-Kte. u. 2 von Deutschland); 7 Taf. mit Einrissen bis in die Darst. (dav. 6 hinterlegt); 9 Taf. mit Einrissen nur im weißen Rande; am Schluß 6 Taf. mit kleinem Wurmgang oben im Bug. Die Spanien-Kte. (Taf. 15) stärker gebräunt u. mit gebrochener Quetschfalte neben dem Bug (hinterlegt). Die Mehrzahl (etwa 2/3) der Ktn. jedoch gut oder nur schwach gebräunt bzw. stockfleckig.
RA 11-15 Oct 83 lot 2864 **DM 25,500**

OWEN, J. & E. BOWEN. Britannia Depicta. London, 1720
Title, table, 273pp road maps, 1p catalogue at end, contemporalf rebacked with new e-ps. 8vo.
Sp 15-18 Nov 83 lot 2063 **£380**

– Another copy
Roadmaps on 252 pages (of 273) some soiled, cf, lacks lower cover
P 20 Oct 83 lot 256F **£320**

– Another edition, c. 1720
Lacks title, roadmaps on 273 pages, cf covers detached.
P 20 Oct 83 lot 256G **£360**

– Another edition, 1736
Title, 5 leaves tables, 273 pages road maps, occasional faint offsetting, contemporary calf, rebacked, worn, [cf. Chubb, CLIII], 8vo.
S 28 Nov & 1 Dec 83 lot 157 **£410**

– Another edition, 1749
Title, 273 leaves maps, 4 index leaves, title and first few leaves stained, last two leaves torn without loss of engraved surface, occasional worming at inner margin not affecting engraved surface, contemporary law calf, worn, [Chubb, CLIIIa], 8vo.
S 28 Nov & 1 Dec 83 lot 158 **£420**

PADOVANI, F. Raccolta di Carte Geographiche Dissegnata a penna. c. 1540
Manuscript title + 27 manuscript maps of various parts of the world, including Mexico, South America, the North Atlantic, and the southern half of Africa. All but one map about 19 x 26 cm, or slightly smaller, drawn in sepia ink and mounted on separate leaves, the leaves bound into one volume; some maps stained or damaged before mounting, but all generally legible. Oblong 4to, old ½-vellum, worn.
Laid in at the rear of the volume is an additional engraving map of Crete, "Issola d'Candia," in style and conception quite similar to the Crete map of the present volume.
AN INTERESTING AND UNUSUAL COLLECTION OF MAPS, lacking the radiating and intersecting lines of sea charts and therefore probably intended for the use of a landsman, such as a merchant or student.
Sw 3 Nov 83 lot 158 **\$1500**

PETTY, W. Hiberniae Delineatio. London, [1685]
Portrait frontispiece of Petty. Title and contents leaf (the second state), and 37 maps on 36 mapsheets, GENERALLY IN FINE IMPRESSIONS THROUGHOUT, lower left corner of the Cork map restored using the relevant portion of the 1875 restrike, one or two additional folds strengthened (as usual), modern half vellum, morocco gilt labels on spine and upper cover, [Skelton, 106], folio (432mm by 300mm).
28 Nov & 1 Dec 83 lot 150 **£5600**

PIGOT & CO. British Atlas. London, c. 1834
3 col. maps, 43 hand-col country maps, 3 frayed at margins, hf cf defective, folio.
P 20 Oct 83 lot 256C **£440**

PTOLEMY, C. Geographia. [ed. Servetus]. Lyons, 1535
27 maps of the ancient world, 22 maps of the modern world plus one full-page map of Lotharingia on verso of map 46, all woodcut, most with text on versos, index and errata at end, slight marginal worming of title and first few leaves of text, occasional soiling, small piece cut from head of title (small ownership inscription in ink at foot and library stamp at foot of verso), eighteenth-century calf-backed boards, spine and small device on upper cover dated 1787, gilt, slightly worn, [cf. Nordenskiöld Collection 2,209; Phillips, Atlases, 364; Sabin, 66483], folio (412mm by 290mm), A TALL COPY.
S 28 Nov & 1 Dec 83 lot 178 **£6600**

– [ed. Gastaldi], Venice, 1548, (colophon 1547)
Mit Holzschnitt-Titelbordüre, 1 halbblattgr. u. 7 schemat. Textholzschn., 60 doppelblattgr. Kupferstichkarten, Flexibler Pgtbd. d. Zt. (Vordergelenk gebr., R. gelöst, Schließenbänder entfernt). 8°. 8 nn Bll., 214 numer. Bll., 2 nn. Bll. (d. l. w.); 64 nn. Bll. (Index).
BM, STC Italian Books S. 543. – Adams P 2234. – Graesse V, 502 (falsch 49 Karten). – Ebert 18238. – Mortimer, Italian Books 404. – Sabin 66502. – Phillips 369. – Harris 285. – Burmeister, Münster 170. – Einband mit Knitterspuren u. gelöst, im Text- und Kartenteil sehr schönes Exemplar dieses bedeutenden Werkes. Selten.
D 23-26 Nov 83 lot 773 **DM 15,500**

– [trans. Magini], Cologne, 1597
2 Tie. in 1 Bd. 4°. 2 Titeln, 17 Textholzschnitten, 63 Kupferstichkarten und 1 gefalt. Kupferstichkarte. 4 nn. Bll., 47, 184 SS., 20 nn. Bll. (das letzte Bl. weiß), 292 (recte 284) num. Bll. Flex. Pgtbd. d. Zt. mit 2 Schließbändern (knitterig, fleckig und etw. gebräunt).
Adams, M 117. Sabin 43822. Phillips 404. – Ohne die 28 Index-Bll. am Schluß. – Durchgehend etw. gebräunt, bzw. braunfleckig.
ZK 17-19 Nov 83 lot 3139 **DM 3100**

– [trans. Ruscelli], Venice, 1598-9
3 parts in 1 vol., 27 maps of the ancient world and 42 of the modern world, ptolemaic world map punctured by oversewing affecting engraved surface, occasional browning mostly affecting the text, title soiled, library and ownership stamps at foot, a few marginal manuscript annotations in ink in a contemporary hand, nineteenth-century vellum boards, preserving morocco, gilt label on spine, soiled, [cf. Nordenskiöld Collection 2, 222-228; Phillips, 409; Sabin, 66507], 4to, Venice.
Although many of the maps are reprinted, with minor

retouching and additions, from the editions of 1561 to 1574, in this edition six entirely new maps have been added, including Rosaccio's double-hemisphere world map, new maps of the Americas, Europe, Asia and Africa (after Ortelius), and Bernadin Valle's 'Hungaria' which replaces the more commonly found 'Polonia et Hungaria' plate
S 28 Nov & 1 Dec 83 lot 184 **£850**

— [trans. Magini]. **Arnhem, 1617**

2 parts in 1 vol., title (small piece cut from lower margin touching engraved surface, restored) printed title to second part, ptolemaic world map on verso, 27 maps of the ancient world and 37 of the modern world, uniform browning (as usual), one or two leaves of text detached, a few manuscript annotations in ink in the text in a contemporary hand, modern limp vellum boards, [cf. Nordenskiöld Collection 2, 231; Koeman II, Ja 1; Sabin, 66496; this edition not in Phillips, *Atlases*], 4to.
S 28 Nov & 1 Dec 83 lot 186 **£680**

— [ed. Mercator]. **Amsterdam, 1730**

Additional title, title, half-tit., 28 maps of the ancient world, the engraved title and maps finely coloured in wash and outline by hand, one or two marginal waterstains, occasional creasing or slight browning, contemporary ownership inscription on front free endpaper, and on verso of printed title, modern half calf, [cf. Nordenskiöld Collection 2, 235; Koeman II, Me 8], folio (467mm by 387mm).
S 28 Nov & 1 Dec 83 lot 200 **£900**

PURCHAS, S. Hakluytus Posthumus or Purchas His Pilgrimes. London, 1625-6

5 vols., folio, contemporary calf, expertly rebaked, folding map of Virginia restored at edges in vol. 4; leaf H₂ in vol. 1 torn; small wear holes to map of Germany at 6L₃ and 6Q₁ torn and repaired in vol. 2; 4F₃ torn and signature 4Z stained in vol. 3; marginal repair and some lower margins damaged in vol. 4; 5d₆s with rust holes, map of East India at 2T₅ stained and small hole to 4N₂ in final vol., FIRST EDITION of vols. 1-4 with, as usual, the Fourth Edition of *Purchas his Pilgrimage* with the dedication to King Charles I, earlier issue of vol. 1 with "Hondius his Map of the Christian World" at p. 65 before cancellation and with pp. 703-706 before reprinting, engraved title in vol. 1 incorporating 2 world maps and portrait of Purchas, titles, 7 maps, 89 engraved maps and plates in the text, woodcut text illustrations.
Sabin 6682-86; STC 2059 & 2058.5; Church 401A
C NY 18 Nov 83 lot 236 **\$7150**

REILLY, F.J.J. von Schauplatz der fünf Theile der Welt. Vienna, 1789

Teil I u. 2, Abt. I in 2 Bdn. Gr.-4to. Gest. Tit., 4 unnum. u. 233 (statt 240) teilkolor. num. Kupf.-Ktn. Hldr. d. Zt., Rücken beschd. Vgl. Phillips 2845. — Sauberes Ex.
RA 11-15 Oct 83 lot 2870 **DM 11,000**

— **Another edition, 1791-1806**

2 Tle. in 6 Bdn. Mit zus. 6 gest. Titeln u. Vortit., 4 grenz- u. flächenkolor. Einleitungskarten, 823 (st. 826) numer. grenz- u. flächenkolor. Kupferstichkarten u. 16 (st. 48) Wappenkupfer. Ldrbde. d. Zt. (Gebrauchssp., Bd. I Rücken entfernt, Deckel gelöst). Quer-Fol.
Phillips 2845 (nur Tl. I). — Wawrik, *Berühmte Atlanten* S. 264 f. — Mehrere Karten mit Blei-bzw. Buntstiftanmerk. (Koordinatennetz), im äußeren Rand der Karten ein beschriftetes Griffregister eingeschnitten; teils ger. fleckig. Ohne die Karten 428 u. 677/78. In dieser Vollständigkeit selten.
D 23-26 Nov 83 lot 774 **DM 31,000**

RITTER, G. Der Rhein von den Quellen. Zweibrücken, 1842

Historisch-Topographischer Dampf-Schiffahrts-Atlas. Mit vielen Städte-Plänen und Vignetten.
Dazu 13 Sectionsblätter (je 38,7 x 23,7 cm), Federlithogr. in Rotdruck mit Verlauf des Rheins u. der Nebenflüsse sowie zahlreichen kl. Ansichten u. umfangreichen Erklärungen in schwarzem Typpendruck. Die Sectionstitel jeweils außen aufgeklebt, in Golddruck auf rosafarb. Papier. In OrPappkassette im blauen Or. Papp-Schuber. Titel in Silberdruck auf schwarzem Glanzpapier aufgeklebt. (Die Blätter im ganzen schwach stockig; das dem Titelblatt unterlegte farbige Federlithogr.-Ornament etw. verfärbt; Kassette u. Schuber nur wenig alt, fleckig u. bestoßen). Sehr selten.
V 29 Sep-1 Oct 83 lot 112 **DM 3000**

RIZZI-ZANNONI, J.A.B. Carte de la Pologne. 1772

Titel, gest. Widmungsbl., 1 gest. Plan von Warschau und 23 gest. u. kolor., doppelblattgr. Karten. O.O. 1772. Ldr. d. Zt. Fol.
Graesse VII, 506, Nicht b. Phillips. Brunet, V. 1525. — Teil, etw. fleckig. Letzte Karte mit Wasserflecken am Rand, Einband beschädigt.
D 23-26 Nov 83 lot 780 **DM 3700**

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

2 vol., frontispiece, vignette on title, 54 maps, and 81 plates, list of subscribers, faint marginal waterstaining or occasional wormholes, contemporary quarter calf, rather worn, [cf. Chubb, CCXXXVI (listing 52 maps only); Hodson, *Hertfordshire*, 31 (vii)], folio
S 28 Nov & 1 Dec 83 lot 156 **£480**

SANSON, N. Atlas Nouveau. Paris, Jaillott, 1696

Title, printed title, engraved leaf 'Table des Cartes' with fine border, the centre blank without the printed table, AND 112 MAPS, hand-coloured in outline, some accompanied by engraved geographical tables, mounted on guards (minor

waterstain and occasional spots in a few blank margins), contemporary blind-stamped calf (rubbed and worn), [Phillips 524], large folio (612 x 480mm).
Four maps relate to America and included are plans of Paris and Vienna and a folding map of the Danube with 6 inset plans and views.
C 16 Nov 83 lot 208 **£5616**

— **Le Globe Terrestre. Paris, 1644-5**

64 plates. Imperial folio. Contemporary limp vellum.
L 8 Oct 83 lot 847 **Kr 900**

SANSON, N. (elder & younger). Description de tout l'Univers. Amsterdam, Halma, 1700

6 parts in 2 vol., including *Luyts Tables Géographiques* and *Bion l'Usage des Globes* as supplements, additional title, title, 74 maps reduced from Sanson's folio atlas of 1658, and 15 plates (11 folding) in *Bion's* supplement, printed divisional titles, one or two minor stains, contemporary sprinkled calf, spines gilt, joints slightly weak, [cf. Koeman II, hal 1 (see note); Phillips, *Atlases*, 528] 4to.
A FINE COPY. Koeman may be in error when he states that Phillips, *Atlases*, 528 describes an enlarged edition of this atlas: the collations of the present copy, Koeman's Hal 1, and Phillips 528 appear to agree in all respects. This title is an enlarged edition of the quarto atlas first issued in 1648-1657.
S 28 Nov & 1 Dec 83 lot 198 **£1500**

— **L'Europe; l'Asie; l'Afrique; l'Amerique. Paris, [1648], 1657, [1656], [1657]**

16 vol., titles, and 60 maps (of 62: wanting the maps of Syria and Turcomanie), coloured in outline throughout, a few in vol. 1 with additional wash colouring, occasional soiling, a few short tears without loss of engraved surface, engraved title damaged with loss, ownership inscriptions on front free-endpapers, contemporary calf, spines gilt, worn, [cf. NMM Catalogue 3, 272; Phillips, *Atlases*, 494, (both noting the edition of 1683)], 4to.
S 28 Nov & 1 Dec 83 lot 190 **£1000**

SCHREIBER, J. Atlas Selectus. [c. 1750]

(Kleine Ausgabe) Kl.-4to. Gest. kol. Tit., 1 Bl. Inhalt u. 35 altkol., doppelblattgr. Kupf.-Ktn. Neuerer Hprgt.
Nach dem beigefügten index fehlt die Deutschland-Karte, dafür ein mellenzeiger zusätzlich eingebunden. Alle Karten am linken u. rechten, äußersten Rand verstärkt (außerhalb des Kartenbildes), im Rand etwas fingerfleckig. Das Kolorit sauber und frisch.
RA 11-15 Oct 83 lot 2874 **DM 3300**

SPEED, J. The Theatre of the Empire of Great Britaine. London, 1611

FIRST EDITION, 4 parts in one vol., title, Royal arms and printed titles in each part and 67 maps, English text on versos, mounted on guards (some worming at central fold throughout; wormhole in outer portion of later leaves; approximately 6 maps with outer margins slightly shaved), old calf (rebaked and repaired, preserving original backstrip), [Chubb xxii; STC 23041], folio.
COMPLETE COPY OF THE FIRST EDITION with fine impressions of the maps
C 16 Nov 83 lot 176 **£7560**

— **Another edition. London, 1676**

Title, 96 maps, with text on versos; Atlas folio, 42 x 30cm, early 19th century crimson straight-grain morocco richly gilt-tooled, all edges gilt; joints worn. Engraved title and frontispiece lacking.

All leaves carefully rehinged; small library bookplate, with stamp in corner of first title-page, otherwise a FINE CLEAN COPY THROUGHOUT.

Title-page for the Prospect bound after the main title-page; separate title-pages for the Scotland, Wales and Ireland sections.

The British section, ending at page 146, is followed by 8 pages (including double-page map) on invasions and wars; following page 126 are 5 double-page leaves listing roads from London.
Sw 3 Nov 83 lot 196 **\$2,500**

TABULAE GEOGRAPHICAE. Padua, 1697

4 parts in 1 vol., 94 maps of the ancient world on 95 mapsheets after or attributable to Nicolas or Guillaume Sanson (39 maps), Abraham Ortelius (8), Pierre du Val (7), Pierre de la Rue (9), H. Ewich (3, including 2 duplicates), and Giovanni-Battista Canali (1), all in fine impressions, apparently lacking 2 maps in part 4 (the 'Expeditiones Hannibalis' and 'Imperium Caroli Magni') but substituted with two duplicate copies of Ewich's map of the Low Countries, a few marginal wormholes not affecting engraved surface skillfully repaired, occasional faint browning, or staining, contemporary vellum boards, worn, repaired, morocco gilt label on spine, [NOT IN BRITISH LIBRARY MAPS OR PHILLIPS, *ATLASES*] RARE, folio (495mm by 370mm).
The atlas includes Padua engraved versions of Sanson's twin-hemispherical map of the ancient world and the four continents; Canali is represented here by his fine map 'Latium' (Arrigoni and Bertarelli, *Le carte geografiche dell'Italia*, Milan 1939, 2167). Palestine is represented in part 2 by, among others a fine two-sheet map, based on van Adrichom.

S 28 Nov & 1 Dec 83 lot 196 **£1800**

TALLIS, J. & F. The Illustrated Atlas. London and New York, [c. 1850]

Front., vig. title, 2 plates, 81 maps, orig. cl. gt. 4to.
P 20 Oct 83 lot 264 **£700**

— **Another edition. [1851]**

Title, 77 (of 81?) maps, hand-coloured in outline, 2 other plates, occasional browning affecting text, small tear in title, contemporary half calf, gilt, worn, [cf. Phillips, *Atlases*, 80, and 822; Tooley, *Australia*, 1217, 1223, 1227, 1230, 1231, 1232, 1234 and 1236], folio.
S 28 Nov & 1 Dec 83 lot 212 **£820**

— **Another copy**

Front., title, 81 hand-col. maps with vig.s, hf cf upper cover detached, 4to.
P 20 Oct 83 lot 256D **£740**

TASSIN, N. Les Plans et Profils de toutes les Principales Villes . . . de France . . . seconde partie. Paris, 1636

20 titles and tables and approximately 190 maps, plans and views, contemporary calf (rubbed), oblong 4to.
C 16 Nov 83 lot 209 **£370**

THOMSON, J. A New General Atlas. Edinburgh, 1828

Dedication, 2 tables and 76 maps on 85 mapsheets wash and outline coloured by hand, occasional slight offsetting, one of two faint creases, last index leaf torn and soiled, contemporary half calf, defective, [cf. Phillips, *Atlases*, 750 (the edition of 1827) f, folio (545mm by 425mm).
The Australasian maps include J. Aspin's 'A Chart of New South Wales' (Tooley, *Australia*, 134) and the American maps, his 'Charts of the Discoveries of Captains Parry, Ross and Franklin . . . in the Arctic Regions'.
S 28 Nov & 1 Dec 83 lot 210 **£640**

VIALART, C. Geographia sacra . . . notae et animadversiones. Lucae Holsteinii. Amsterdam, 1703

Additional title, half-tit., dedication leaf, 10 maps, fine impressions, light waterstain affecting title and first leaves of text, contemporary blind-stamped vellum, [Tobler, p. 211], RARE, folio.
S 28 Nov & 1 Dec 83 lot 195 **£3000**

WALLIS, J. Wallis's New British Atlas. London, 1812 [but 1813]

Title and 43 maps, coloured in wash and outline, title (torn, laid down), and one or two maps soiled or stained, occasional faint browning, modern cloth boards, worn, [cf. Chubb, CCCLIX and CCCL (several maps showing variant imprints or imprint dates); Hodson, *Hertfordshire*, 71(i)], small folio (375mm by 245mm).
S 28 Nov & 1 Dec 83 lot 161 **£5200**

WEIGEL, J. Atlas Portatilis. Nuremberg, 1745

31 kol. Kupf.-Ktn. Doppelblattgr. Drucktit. (rot-schwarz gedruckt), 3 Bl., 275 S., 1 Bl. Ldr. d. Zt., minimal berieben. — Phillips-Le Gear 5978; vgl. Rammensee 109 f. — Dritte Ausgabe — Wohlerhaltenes Expl. der Text leicht gebräunt bzw. stockf. die Ktn. nahezu völlig fleckenfrei.
RA 11-15 Oct 83 lot 2880 **DM 21000**

WELLS, E. A New Sett of Maps. Oxford, 1700

FIRST EDITION, title and contents leaf, 41 maps of the ancient and modern world, ALL IN FINE IMPRESSIONS ON THICK PAPER, large stain on verso of map of Asia Minor, occasional faint staining, contemporary mottled panelled calf, gilt roll borders, g.e., worn, [cf. Tyacke, 330].
LARGE OBLONG FOLIO, LARGE PAPER, EDGE BOUND.
S 28 Nov & 1 Dec 83 lot 199 **£1350**

— **Another edition. [1700]**

Folio, 41 maps, title lacking, occasional light soiling, one margin repaired, contemporary calf-backed boards, lightly rubbed.
Cs 7 Oct 83 lot 25 **£1000**

— **Another edition, 1718**

41 maps some hand-col., hf cf worn, Folio.
P 20 Oct 83 lot 265 **£800**

WYLD, J. A New General Atlas. London, 1842

Folio, 40 maps, hand-coloured in outline, contemporary cloth, worn, upper cover detached.
Cs 7 Oct 83 lot 23 **£350**

WYTLIET, C. Histoire Universelle des Indes orientales et Occidentales. Douai, 1605

2 parts in 1 vol., first edition in French, first edition with Antonio Magini's supplement, title with pasted on slips and 23 maps on 21 mapsheets, including the 4 smaller maps of the East Indies, Japan, China and the Philippines in the supplement, pen and colouring marks on title, one or two plates trimmed to plate-mark, uniform browning throughout, a few inkstains affecting the text, occasional creasing, eighteenth-century mottled calf, spine gilt, slightly worn, [cf. Nordenskiöld Collection 2, 309; Sabin, 105699; Phillips, *Atlases*, 1143], small folio.
Conceived as a supplement to Ptolemy's Geography. Wytliet's work is the first printed atlas devoted entirely to the Americas. (Wagner, 188-190). The four maps in Magini's supplement are after Langenes (1598). See Quirino, *Philippine Cartography*, pp. 39 and 79.
S 28 Nov & 1 Dec 83 lot 181 **£3300**

ZÜRNER, A.F. Atlas . . . für Junge Leute. Nuremberg, [after 1792]

Qu.-4to. 31 altkol. Kupf.-Ktn. Bedrucker OU.
Vgl. Rammensee 1658 (Ausg. 1780). Breitrandig. Weiße Ränder tlw. gering stockf., die 1. Karte etwas angestaubt. Umschlag am Rand lädiert, u. am Bug geklebt, mit altem Sammler-St.
RA 11-15 Oct 83 lot 2882 **DM 2800**

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 of lions, elephants and ostriches.

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 are significant for their beautiful color and
 large size. This oversized chart is one of his
 most noteworthy efforts. It is quite scarce,
 and is not listed in Koeman, "Atlantes
 Neerlandici." (It is not to be confused with a
 world chart with similar title listed in Vol. IV,
 p. 429). California is shown as an island,
 and Alaska, Australia, New Zealand and
 Spitzbergen are incomplete. For an
 illustration of this chart, please see our
 display advertisement. \$2,500

"NOVA TOTIUS TERRARUM Orbis
 Geographica ac Hydrographica Tabula"
 Willem Blaeu, Amsterdam, 1630-1655. Mint
 condition, with wide margins and fresh
 original color. This world map on Mercator's
 Projection is surrounded on all sides with
 decorative panels containing person-
 ifications of the elements, the seasons, the
 planets and depictions of the seven
 wonders of the ancient world. \$5,850
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 most beautiful examples we have ever
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 Geographica ac Hydrographica Tabula"
 Willem Blaeu, Amsterdam, 1635-1662. A
 splendid map, in excellent condition and
 original color, with one split near the lower
 centerfold which has been expertly
 repaired. This highly desirable Dutch world
 map is surrounded on four sides by the
 decorative panels, and is the first world map
 by the firm of Blaeu to appear in a printed
 atlas, the Atlas Appendix, 1630; the first
 atlas published by Willem Janz. Blaeu.

\$4,500
"AMERICA NOVA TABULA. Auct.
 Guiljelmo Blaeuw." Amsterdam, 1631.
 Original outline color, panels in full original
 color. This is a fine example of an early
 issue of one of the most famous, important
 and desirable of all Seventeenth Century
 maps of America. It is very rare, and even
 when encountered, is seldom seen in such
 fine condition. \$4,000

"NOVA VIRGINIAE TABULA." Willem
 Blaeu, Amsterdam, 1630-1631. An
 important foundation map, in excellent
 condition, with wide margins and beautiful
 original color. This is Cooley Verner's
 Derivative One, State Two of Captain John
 Smith's map of Virginia, the first map of the
 Chesapeake Bay region. This is a very
 early issue of Derivative One, State Two,

the third of twenty-four identified by Verner
 (1631A); appearing in the 1631 Latin edition
 of the Appendix. Although there were nine
 major copies of the Smith map, only this
 one was important in the diffusion of the
 Smith data (Verner, p. 29). \$1,100

"AMERICA SIVE NOVI Orbis, Nova
 Descriptio" Abraham Ortelius 1587-1601.
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"AMERICA NOVITER DELINEATA"
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 black and white engraving of North and
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"PASCAERT VANDE CARYBES Nieu
 Neder landt, Brazil, de Flaemsche en Soute
 Eylanden . . ." Jacob Lootsman, Amster-
 dam, 1666. From the Zee-Atlas. Beautiful
 original color, with light agetoné patine,
 heightened in gold. 17 x 21½" This chart
 lacks text on verso and has been
 professionally backed with rice paper for
 strength. This is a most desirable example
 which was prepared for a deluxe copy of the
 atlas. The chart was designed to illustrate
 all of the important approaches to America
 from Europe, with east at the top, which
 includes the Azores and Canary Islands.
 On the left, the North American coast from
 Delaware to New Foundland is labeled Nieu
 Nederlandt. To the right (south) is the long
 South American coastline from Colombia to
 Brazil, with the adjoining West Indies. The
 cartouche, which is also heightened with
 gold, contains the coat-of arms of
 Amsterdam. \$2,500

"INSULAE AMERICANAE in Oceano
 Septentrionali ac Regionis Adjacentes."
 Nicolas Visscher, Amsterdam, ca. 1680.
 This is one of the most famous, popular and
 beautifully engraved of all Seventeenth
 Century maps of the Caribbean; an area
 rich in trade which had preoccupied
 Europeans for centuries. The body of the
 map is in full original color; the cartouche
 and mileage scales are in black and white.
 Excellent condition. \$800

"RECENS EDITA TOTIUS Novi Belgii,
 in America Septentrionali . . ." Matthew
 Seutter, Augsburg, 1730. Full original color,
 with some signs of ageing; overall a fine
 example of one of the most beautiful of all
 early maps of the region. This is the First
 State of Seutter's version of the famous
 Restitutio map of the Northeast U.S. and
 the most opulently ornamented of all maps
 in the series. This is also the first map in the
 series to show by means of printed lines the
 boundaries of Massachusetts, New York,
 New Jersey and Pennsylvania. \$2,500

"THE PROVINCE OF New Jersey, Divided
 into East and West, Commonly Called the
 Jerseys." William Faden, London,
 December 1st, 1778. Black and white, 22½
 x 31¼". A little browning, faint stains and
 repairs; overall a fine map in very fine
 condition. This famous map of
 Revolutionary War date is one of the first to
 show New Jersey alone and on a large
 scale; about seven miles to an inch. \$2,800

"DESCRITTIONE DELLA GEOGRAFIA
 Moderna di Tutta La Grecia" Giacomo
 Gastaldi, published by G. F. Camocio, in
 Venice, 1560-1566. Black and white
 copper-plate engraving on two sheets, 19½
 x 27". A couple of unobtrusive tears
 repaired, and a small fold split lower center
 with the usual centerfold browning due to
 the original glue for the backstrip on verso;
 otherwise, an excellent, sharp impression
 of a great rarity. This is the most notable of
 all Sixteenth Century maps of Greece, as
 well as one of the largest early sheet maps
 of Greece known. It is a separate re-issue
 of the southeast sheet of Gastaldi's "Gran
 parte del Europe" and showed a
 remarkable advance in accuracy and detail
 over previous maps. It was copied by both
 Abraham Ortelius and Matthew Quad for
 use in their respective atlases.
 Accompanied with the map is a rare
 broadside index sheet entitled, "I nomi
 Latini tratti dall'antico Greco", originally
 published to accompany the 1560 edition.
 \$4,500

"EXACTISSIMA TOTIUS ARCHEPILAGI
 nec non Graciae Tabula." Nicolas Visscher,
 Amsterdam, 1682-1720. with P. Schenk
 imprint. Full original color. This is a very
 handsome general map, with the bold
 cartouche in bright full original color
 Greece proper, Crete, and the Aegean isles
 are shown in great detail. \$675

"HET EYLAND YSLAND in't Groot."
 Gerard van Keulen, Amsterdam, 1682.
 Black and white, 20 x 24". First Issue of an

uncommon and excellent Seventeenth
 Century chart of Iceland. It appeared in van
 Keulen's edition of C. J. Voogt's "De nieuwe
 groote Lichtende Zee-Fakkel." Based on
 Bishop Guobrand's definitive map of the
 island, it is one of the best of all printed
 versions of that map. Hermannsson, "The
 Cartography of Iceland," p. 37, notes that
 few Dutch sea atlases of the period
 included a separate map devoted to
 Iceland, and that as a rule, Dutch charts
 show only coastal detail, leaving the interior
 blank. Here, van Keulen gives us not only a
 separate large-scale depiction of Iceland,
 but one that is quite rich in interior detail of
 all kinds. Numerous coastal soundings are
 given along the entire northern coast. \$1,900

"CHOROGRAPHIS INSIGNIS REGNI
 Bohemiae." Gerard de Jode, Antwerp,
 1578-1593. Black and white, 12½ x 20". A
 strong, fresh impression. This aesthetically
 pleasing map is based on the lost map of
 Bohemia by the Czechoslovakian
 cartographer, Johann Criginger. Ortelius
 had also used Criginger's original map of
 1568 as the basis for his depiction of
 Bohemia. The detail and spelling of place
 names on de Jode's map are quite different.
 Clearly, de Jode had access to a copy of
 Criginger's map and did not merely copy the
 already existing Ortelius. As no copies of
 Criginger's map survive, it is interesting to
 speculate which of the two Flemish
 cartographers followed more closely the
 now lost foundation map. \$500

"HISPANIA NOVA TABULA." Giacomo
 Gastaldi, from the 1548 edition of Ptolemy's
 "Geography." Venice. Black and white
 copper-plate engraving, 5 x 7". This very
 early modern map of Spain is undoubtedly
 based on Gastaldi's own large-scale map
 of Spain, published in 1544. This latter map
 was his first, and launched one of the most
 celebrated careers in Sixteenth Century
 cartography. \$100

"ASIAE NOVA DESCRIPTIO" Abraham
 Ortelius, Antwerp, 1581. This is one of the
 most important of all early printed maps of
 the continent of Asia in beautiful, full
 original color. \$1,500

"CHINAE . . ." Abraham Ortelius,
 Antwerp, 1584-1601. One of the finest
 examples we have ever seen for condition
 and full original color. This is the first map of
 China to appear in a European atlas, and
 the most desirable of all early maps of that
 country. \$2,500

"IMPERIUM JAPONICUM." Matthew
 Seutter, Augsburg, 1745. Full, fresh original
 color. This is an exceptional example of one
 of the most beautiful maps of Japan of all
 time. Based on Reland's map of 1715, fully
 one quarter of the total sheet is occupied by
 a bold cartouche showing costumed
 figures, import porcelain, etc. The lengthy
 Latin text which had run along the base of
 Reland's map now fills a large panel in the
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 into provinces with their names given in
 both western and Japanese characters. In
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WORLD - MERCATOR, G.-Hondius J. Orbis Terrae Compendiosa Descriptio. 1587. (1619). Original outline colour, fine. 295 x 520 (11 1/2 x 20 1/2). Produced by the great Mercator's son, Rumoldus, for the third section of Mercator's Atlas this splendid map of the world is one of the most desirable published. Much rarer than the world map of Ortelius (which is oval in format), the projection used is 'stereographic', thereby giving good scale relationships over small areas. Geographically, there is a vast southern continent, presaging the then imminent formal discovery of Australia: a pre-discovery version of Hudson's Bay appears located off a posited north-west passage. Hochelaga is named, as is a 'town' called Canada! The Arctic region is consistent with Mercator's famous polar map.

The fine quality of the map is enhanced by the degree of craftsmanship in the engraving and etching, this latter producing a liveliness in the presentation which, combined with the superb now-mellowed colour makes this map an outstanding example. £1800

THE FRY AND JEFFERSON map. Fry, J. and Jefferson, P. A Map of the most Inhabited Part of Virginia containing the whole Province of Maryland with part of Pensilvania, New Jersey and North Carolina Drawn by Joshua Fry and Peter Jefferson in 1751. 1755. Original outline colour, a small number of tears repaired at an early date; these are not obtrusive and the overall condition is very good for a map of this size made up of four sheets. 780 x 1240 (30 1/2 x 48 3/4). The Fry and Jefferson map of 1751 is the basic cartographical document of Virginia in the eighteenth century (Coolie Verner, *Imago Mundi* XXI). This particular map is the third state dated 1755 and of which only four other examples are recorded by Verner. Of the earlier states, only two and a half examples of the first state are recorded, and a single one of the second state. It is the first accurate map of the interior west through the mountains, and a wagon road is located in the foothills from the Yadkin or Deep River all the way to Philadelphia which is the northernmost town shown. Many other roads and trading paths are shown linking settlements, towns, forts and Indian territories. Westwards the map extends to the Ohio and south to Albemarle Sound. In addition to the historic importance of this map, it is also famous for the huge title cartouche depicting a quayside trading scene of Europeans and negroes. The cartouche was engraved by Reynolds Grignon and the map by Thomas Jefferys. Important and rare. £2000

THE CAROLINAS. Jansson, J. *Virginiae partis australis et Floridae partis orientalis* ... (c1650). Original outline colour, fine. 385 x 500 (15 x 19 1/2). A magnificent map of the region extending as far item 86, but with far superior detail in Virginia, following the early settling there. The Royal coat arms is shown here, but all the place-names are Indian, including Powhatan. The huge title cartouche consists of a panel surrounded by five Indian figures; the sea is covered with rumb lines, compass roses, ships and a sea-borne scale cartouche held by aquatic cherubs. Often said to be copied from Blaeu's map of 1640, but although Cumming puts a date of 1641 on it, Koeman places it at 1639 - however, it is more decorative than that by Blaeu. £450

S. AFRICA-ARABIA. Goos, P. *Pascarte van't westelycke deel van Oost Indien* ... (c1666). Original colour, fine. 445 x 540 (17 1/2 x 21). Highly decorative chart of the coast from Malabar to the Cape of Good Hope, including the whole of Arabia Felix. Place names abound along the coasts, and the sea area contains many rumb lines, a compass rose and two sailing ships. The title is displayed in a large cartouche with native figures under a brilliant sun. Geographically an important route to the East from Europe by one of the finest of sea chart makers. £300

EARLY HOLYLAND. (Ptolemy) *Tabu Terre Sanctae*. (1525-35). 295 x 420 (11 1/2 x 16 1/2). Uncoloured, fine condition. A splendid early woodcut map of the Holy Land. North is to the left of the sheet and the title is in a ribbon banner stretched

across the top. On the reverse the text is surrounded by the characteristic decorative devices. £800

LEO BELGICUS. Strada, F. *Novus XVII. Inferioris Germaniae Provinciarum*. (c1645). Uncoloured, short tears neatly repaired from being previously bound into a small book. 185 x 130 (7 1/4 x 5). One of the famous and scarce series. Tooley, M.C.C. 7, no. 20 but 1645. £250

EUROPA REGINA. Munster, S. *Untitled map of Europe*. (c1590). Uncoloured, fine. 260 x 165 (10 x 6 1/2). From Munster's 'Cosmography', but only in the editions after 1580 (some 30 years after his death), hence rare. North is to the right on this map in which Spain forms the head of the Queen. Possibly inspired by the power and influence of Queen Elizabeth 1. Woodcut. £350

FIRST PRINTED MAP of Germany. Münzer, H. *Untitled map of Germany*. (c1493). Uncoloured, fine. 395 x 580 (15 1/2 x 22 3/4). The map extends from the British Isles to the Black Sea, and from northern Italy to Scandinavia including the main portions of those regions. This map of prime importance was published in Schedel's 'Nuremberg Chronicle'. All the sheets of this book were stitched through the paper and not all are in good condition: this example is very well preserved. £800

RARE SET. Blaeu, W. & J. *Hibernia* ... (c1662). French text. Coloured, illuminated in gold. Fine. The six maps of Ireland from Blaeu's Atlas Major, deriving from the 1630's. Very decorative maps in the best house style of the Blaeu family, with particularly fine title and scale cartouches, and magnificent coats of arms. Rare as a matching set.

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Connachtia ... Connaughty. 395 x 495. (15 1/2 x 19 1/2). *Ultonia* ... Ulster. 410 x 495. (16 x 19 1/2). *Lagenia* ... Leinster. 395 x 495. (15 1/2 x 19 1/2).

The set of six; £800
S.E. ENGLAND. Saxton, C. *Cantium, Southsexia, Suria, Middelsexia, Londinium*. 1575. 405 x 550. (16 x 21 1/2). Original colour, good condition. One of the scarcest and most desirable of Saxton's county maps, including not only London and the counties names above but substantial portions of adjacent counties. As was often the case in the C16th and C17th, the margins have been trimmed to, and within the platemark. At an early date these were replaced, completed in manuscript and coloured to match where necessary. The overall appearance is good. £1800

RARE SEA CHART. Waghenae, L.J. *Der Zee Custen Fusschen Dovere en Orfordt nesse* ... (c1586). 325 x 505 (12 3/4 x 20). Coloured, fine. Latin text. Superbly decorated chart of the Thames Estuary from the first printed rutter, first issued in 1583. Nautical details such as soundings and sand banks are supplemented with coastal views, characteristic strapwork cartouches, sailing ships, fish and a large compass rose. Scarce. £800

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DIARY OF EVENTS for 1984

MARCH 10th at 11am. North East meeting. Roxby Building, Liverpool University.

APRIL 7th AND 8th. Cyprus Symposium. Guest speaker: Tony Campbell, "Cyprus and the Mediaeval Portolan Chart." See display advertisement on page 63 for further details.

JUNE 9th at 11 am. North East meeting. Minster Library, York.

SEPTEMBER 15th at 10.30am. Annual Symposium. British Library. Theme 'World Maps'.

SEPTEMBER 16th and 17th. Map Fair, at the Forum Hotel London. With a 'World Map' exhibition organised by Mr Rodney Shirley. No To Be Missed.

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SAXTON, CHRISTOPHER. Monmouthshire. First edition, 1579. Very fine condition. Very fine original colouring. A dark impression with good margins.

TWO IMPORTANT World Maps

BLAEU, WILLEM JANSZON. *Map Of The World. Nova Totius Terrarum Orbis Geographica ac Hydrographica Tabula.* Amsterdam, 1630. Very fine condition. Very fine original colouring. A dark impression with good margins. Size 407 by 544 mm. The most famous of all the early world maps. The map is extremely decorative with many sailing-ships and sea-monsters, and three decorative cartouches. The map itself is set into a magnificent border incorporating the four elements and the four seasons down the sides, the seven planetary gods along the top, and the seven wonders of the world along the bottom. It is illustrated in colour (plate P) in "The History of Cartography" by Bagrow-Skelton, published by Watts, London.

SCHEDL, HARTMANN. Double-page woodcut Map Of The World from the first edition of the "Nuremberg Chronicle", 1493. Very fine condition. Very fine original colouring. Examples with original colouring are rare. A dark impression with wide margins. Size 380 by 520 mm. A most interesting and important world map. It is very decorative with 12 wind boys, and the three sons of Noah (Sem, Kam and Jafet) pictured in the corners. It is illustrated in colour (between pp. 112 and 113) in "The Making of the Nuremberg Chronicle" by Adrian Wilson, published by Israel, Amsterdam.

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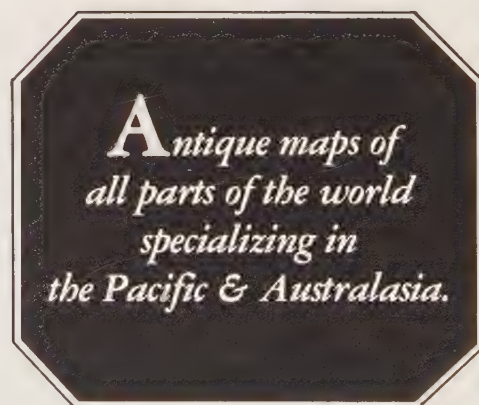
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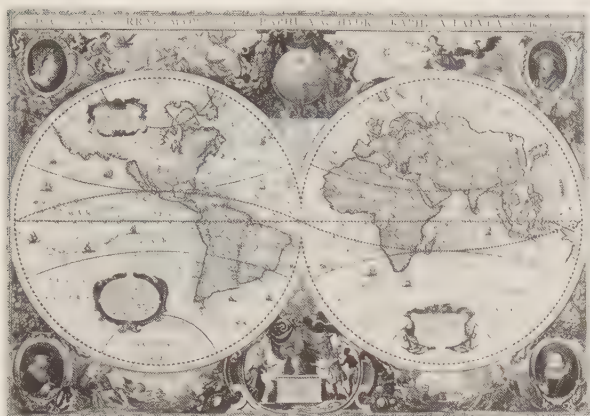
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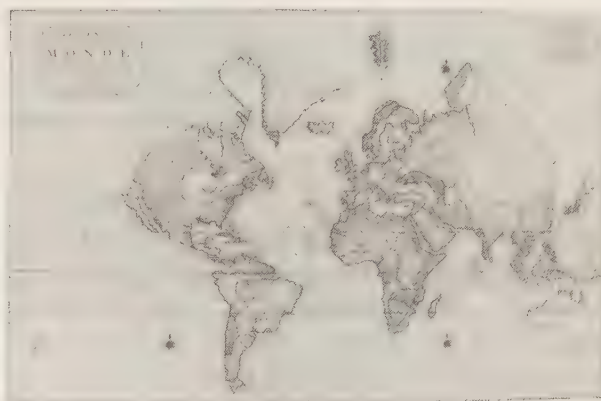
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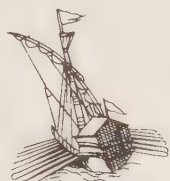
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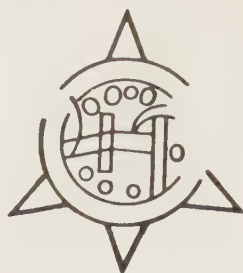
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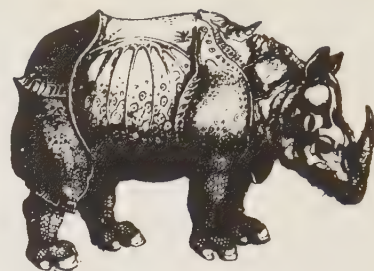
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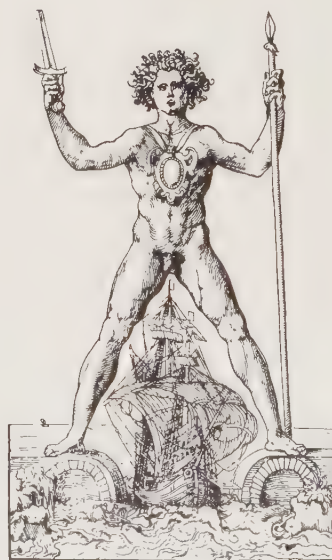
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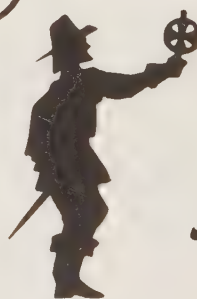
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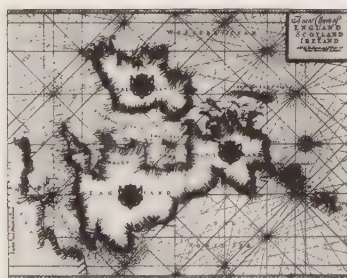
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