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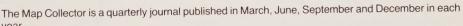
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Michael Drayton's Map of Cheshire from the first edition of Poly-Olbion published in 1612.







RONALD VERE TOOLEY

Editorial

THERE HAS LATELY been a proliferation of eulogistic adjectives or selling puffs as applied to maps which should be viewed with caution and used, if used at all, sparingly. There is no real difference between the descriptions 'fine' and 'very fine'. The better the reputation of the dealer or owner the less he has need of laudatory adjectives. All maps should be assumed to be good unless otherwise stated.

Years ago I knew a dealer who was a wit with his footnotes. His descriptions included, 'a terrible copy but cheap at the price' or 'a weak or torn copy but you are lucky to get it!' A more common form was, for example, 'a few wormholes, brown stained down centre fold, cropped at foot, a small piece of margin missing not affecting the text. Otherwise a fine copy.'

Some early mapmakers were frank too. A note on a medieval world map stated that the British Isles had been placed outside the map as there was no room to include it inside. Another frank description on a Dutch map of the North Pole states that the four islands shown around the Pole do not really exist but have been inserted to give the purchaser his money's worth!

'Rare' and 'valuable' are not synonymous terms. Quite a few maps are valuable without being rare. For example, the maps from the atlas of Ortelius are valuable but cannot justly be called rare because many different editions were printed and they were preserved in bound volumes. Single maps printed separately, for example a large wall map, become rare due to their fragile nature when unprotected. Again, where a census of copies exist, it is possible to say 'only so many copies known to exist.' There is another kind of rarity to be taken into account. That is where perhaps ten or twelve examples of a map are known in public collections and only one or two in private hands.

There is no accepted table of comparisons. Descriptions are the owner's valuation and used solely to inflate either value or prestige and value is like beauty, in the eye of the beholder.

As you will see, we are offering you a good mix of material for Christmas reading in this issue. For our readers on the other side of the Atlantic Ocean we are starting a new column reporting on the map scene in America. This will appear once a year and is written by Patricia Moore who was editor of 'Mapline' for a time. There is also a special Christmas Competition on page 33 with valuable reference books as prizes and a fascinating account of some new discoveries of works by the famous map maker Christopher Saxton.

Finally, a thank you to all those who have responded to our request for quotations about maps in literature. We hope eventually to be able to print everybody's letters but naturally this will take time in view of the marvellous number of contributions.

May I wish all our readers a very Happy Christmas and prosperous New Year!

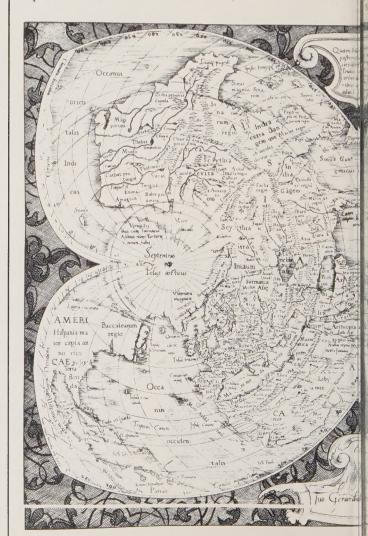
Morly

The between Countrie

by Günter Schilder, State University of Utrecht.

THE GOLDEN AGE of science and the arts, trade and shipping which commenced around 1530 in the Low Countries, created conditions favourable to the development of map-making and the map trade. In the south, Louvain provided the academic training for the cartographers, while Antwerp was the centre of map making and distribution. World famous names which must be mentioned in this connection include Gerard Mercator, Jacob van Deventer, Christiaan Sgrooten, Abraham Ortelius, Gerard de Jode. The largest publisher and printer, Christoffel Plantiji (c.1520-1589), played a decisive part in Antwerp's rapid development as an international centre of cartography, a position which for political and economic reasons was taken over by Amsterdam at the end of the sixteenth century.

In the middle of the sixteenth century intensive cartographic activity was also developing in Italy. The centres of this map making industry were Rome and in particular Venice. The production of the publishers in Rome was somewhat limited it scope and was primarily concerned with local Italian topography. The principal representative of the Roman publishers was Antonio Lafreri (1512-77), who worked his way up to become the largest print dealer. The publishers in Venice, on the other hand were able to offer their customers a far wider range, covering almost all the countries of the then known world. Leading representatives included Paolo Forlani, Fernando and Dona of



cartographical relationships [taly and the Low in the sixteenth century

Bertelli, Giovanni Francesco Camocio, Fabio Licinio, Bolignini Zaltieri and Domenico Zenoi. All these names, however, are clipsed by the cartographic achievements of Giacomo Gastaldi.

In this study I propose to discuss in greater detail the artographic inter-relationships between Italy and the Low Countries in the sixteenth century, although it will only be possible o highlight a number of the most important aspects.

One of the outstanding personalities among the cartographers n the Low Countries was Gerard Mercator (1512-94) who, with his combination of practical skill and mathematical genius, pecame famous as a reformer of cartography. Two of his early

vorks were copied by Italian publishers.

In 1538 Mercator's map of the world on double cordiform projection, an improved version of the map of 1531 on the same projection by Oronce Finé, was published in Louvain. Only two copies of Mercator's map are known. In the gores between the two nearts are two legends. The lower one contains a dedication to ohannes Drosius signed by Mercator, while in the upper legend Mercator announces that he has started work on the production of a map of Europe (although this did not appear until 1554). This is

One of the outstanding personalities among the cartographers in the Low Countries luring the sixteenth century was Gerard Mercator, and this is one of only two copies of his map of the world still remaining. It was published in 1538 on a double cordiform projection and was copied in Rome by Antonio Lafreri and Antonio Salamanca about 560.



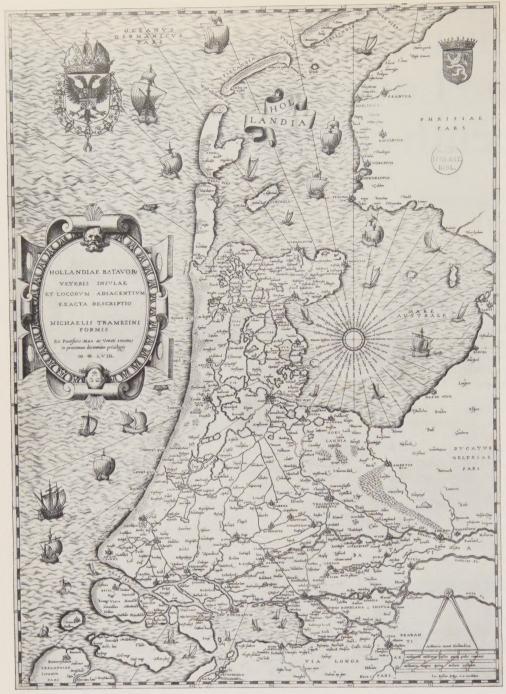
the earliest map on which the name 'America' is used for both North and South America, evidence of the fact that the unity and continuity of the New World was already assumed at that time. For reasons of physical balance a vast unknown southern continent is counterposed to the known regions in the northern hemisphere. Another feature is the drawing of a wide strait between America and Asia.

Two faithful sixteenth century Italian copies of this map by Mercator are known, both of which were published undated in Rome around 1560.¹ One edition was published by Antonio Lafreri, the other by Antonio Salamanca. The year 1538 has been omitted from the legend in the upper gore, while in the lower gore the dedication to Drosius has been replaced by the legend which on Mercator's original map was contained in a separate cartouche in the right hemisphere. Beneath this legend is the address of Lafreri or of Salamanca.

There was also another map by Mercator which was widely copied in Italy. By 1539 Mercator must have achieved such a high reputation for his precisely engraved maps that Flemish merchants requested him to engrave a map of their native land, which they wished to present to Emperor Charles V on the occasion of the surrender of Ghent. Speed was therefore essential and a map of Flanders in four sheets was completed in 1540. The map is not based on Mercator's own surveys since in those years he had neither the money nor the time to carry them out. According to the latest research he probably used a manuscript map of Flanders by Jacob van Deventer as a model.² Only one copy of Mercator's map of Flanders — and that incomplete — has been preserved in the Museum Plantin-Moretus in Antwerp.

Mercator's map served as a basis for many later representations of Flanders. In an excellent study written in 1972, the French cartographic historian M. Destombes dealt with the influence of Mercator's map of Flanders and added a number of new copies to the imitations already known.3 The earliest known copy was produced by Michaelo Tramezini, who published this map by the Dutch engraver Jacobus Bossius in Rome in 1555. This is essentially a faithfully reduced copy of Mercator's large map in four sheets. One striking difference is that a division into degrees is drawn along the edge of Tramezini's edition, while Mercator's map has no grid. A further difference is that on the Italian copy the major cities are engraved not in the Dutch language but in a Latin form. Other versions of the map followed. In 1559 a map of Flanders engraved by Domenico Zenoi (active 1558-75) was published in Venice, giving the address ad Signum Bibliothecae Divi Marci. The publisher working at that address at the time was Donato Bertelli

An Italian copy of a unique kind, which was published in Venice in 1556, was discovered by Destombes in Paris. It is the only known copy of a map of Flanders consisting of four woodcut sheets (76 x 55cm) by Giovanni Andrea Valvassore (1510-72) and is the only one of all the Italian copies which has the same title as Mercator's map *Vlaenderen Exactissima Flandriae Descriptio*. In respect of topography and nomenclature this map by Valvassore is identical to Mercator's edition and is a reduction of the original scaled down by exactly one-third. Its value is increased by the fact that it also gives a precise representation of Zealand Flanders, which is missing on the map of 1540. The majority of the decorative elements have also been taken over. In the bottom right-hand corner of the map is a dedication to the reader in Latin, and below it an Italian translation. Unlike Mercator's map,



This map of Holland, 1558, by Michaelo Tramezini, is a reduced copy of Jacob van Deventer's map of Holland in nine sheets. It was engraved by Jacobus Bossius. (By courtesy of Universiteitsbibliotheek, Leiden.)

Valvassore's map also has a division into degrees.

It is to Jacob van Deventer that we owe the oldest maps of the Dutch provinces, which had a decisive influence on the cartographic history of the Low Countries throughout the second half of the sixteenth century. The wall maps of Brabant, Holland, Friesland, Gelderland and Zealand appeared in print in the early 1540s. No copies of these original maps are now known and only two copies of the later editions published in Antwerp in the 1550s have been preserved. These are a map of Gelderland now in the Wolfenbüttel Library and a map of Zealand in Florence. We know the other maps only from a facsimile edition based on the copies in Breslau (where the maps of Brabant, Zealand, Holland and Friesland were destroyed in the war), published in 1941 by the Dutch cartographic historian B. van't Hoff.4 Whereas the wall maps by Jacob van Deventer published in the south of the Low Countries were destroyed by the ravages of time owing to their size, the various Italian imitations in a smaller format made a decisive contribution to the general European conception of the Low Countries in the second half of the sixteenth century

There is no doubt that the maps of provinces dated 1556 and 1558, which were published by Michaelo Tramezini in Venice, (although Tramezini has omitted the name of the original author, van Deventer) are copies of van Deventer's maps. Moreover comparisons have shown that all maps of the Dutch provinces bearing the names of Camocio, Zaltieri or without the name of the engraver or publisher, with the dates 1563, 1566, 1567 or undated,

and published in Venice or Rome, were merely imitations of Tramezini's maps. To put it more strongly, the geographical contents of the later Italian editions are inferior reproductions of Tramezini's maps, without any additions of their own. The maps of the provinces of the Low Countries published by Tramezini were all engraved by the Dutch engraver Jacob Bos (Jacobus Bossius Belga), who was working in Italy during the period 1549-67. It is possible that Bossius was responsible for passing on van Deventer's wall maps to Tramezini, who then commissioned the reductions of these maps.

Jacob van Deventer's maps of the provinces include a map of Holland. It is a woodcut on nine sheets (787 x 1105mm, with the dates 1553, 1556 and 1558). In the northern part of the Zuiderzee the title 'Hollandt'. Top right the coat of arms of Holland and below it a list of the Counts of Holland. Top left the coat of arms of Charles V, and beneath it the statement that Bernard v.d. Putte copied this map. In the dedication to the reader it is stated that 'this map describes ... by the art of geography, the county of Holland and the land of Utrecht, with the boundaries of other lands adjoining it, each place being located at its true position and at the proper distance or space from the others...' The towns, villages and monasteries are shown by vignettes containing a circle.

The earliest Italian edition published by Tramezini in 1556 is less accurate and more crudely drawn. Whereas v.d. Putte shows all the towns and villages in profile, on the Italian copy this is only the

case for certain towns. The names of the larger towns are latinised, as are those of lakes, districts and rivers.

A new edition of Tramezini's map was published two years later and other publishers also copied him including, Camocio in 1563 and Zaltieri in 1567. Hieronymus Cleatus is named as engraver on the latter.

The map of Friesland is a woodcut in nine sheets (789 x 884mm) with the dates 1545 and 1559. In the large cartouche in the bottom left-hand corner of the map is a description of the province in Latin, Dutch and French. This includes the statement that Friesland 'is shown in this chart or map with all its towns, villages and monasteries, with precise measurements or distances...' As far as the contents of the map are concerned, the main emphasis has been placed on completeness of topography. Far less care has been devoted to the hydrography of the province.

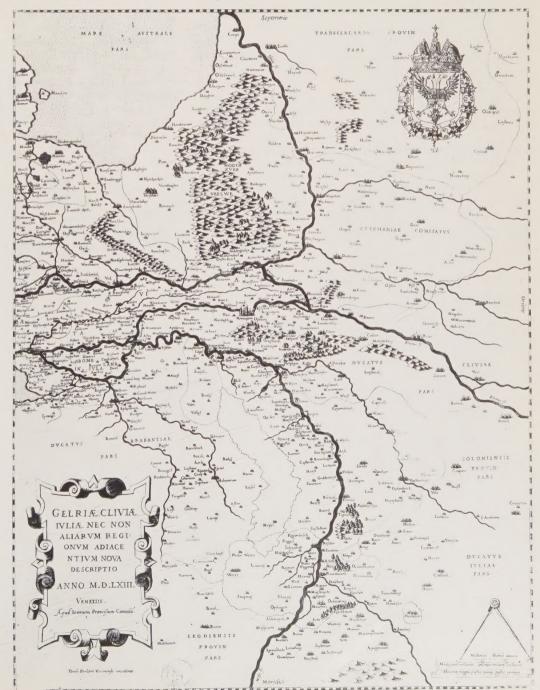
This map probably appeared in Italy as early as 1556. However, only Tramezini's prints of 1558 still survive. The title is contained in an attractive shield in the Zuiderzee. Beneath this shield is the address of the engraver, *Jac. Bossius Belga, in aes incidebat.* As on the map of Holland, the author, Jacob van Deventer is not mentioned nor is he named on the edition of this map of Friesland published in Venice by Camocio in 1566. His name does, however, appear on an edition published in Rome in the same year.

In 1543 van Deventer completed the map of Gelderland commissioned by Charles V, who required good cartographic material for his war with the Duke of Gelre. Van Deventer was

hindered in carrying out his work by the hostilities, as the cartographer himself states in the long legend in the bottom left-hand corner. No print of the original edition is now known, but a copy consisting of nine copperplate sheets and dated 1556 has been preserved in Wolfenbüttel. As on the maps of the other provinces, the towns are represented by vignettes.

The earliest Italian copies of this provincial map were also published by Tramezini in Rome, in 1556, 1558 and 1566, engraved by Jacobus Bossius. The title is in a simple cartouche in the bottom left-hand corner. Top right is the coat of arms of Charles V. In 1563 Camocio also published a map of Gelderland, of which several subsequent editions were published with minor alterations. Although van Deventer's name does not appear as author on the editions of this map published in Venice, it is to be found on the edition published in Rome in 1566.

As early as 1536 van Deventer completed a manuscript map of the province of Brabant, which appeared in print for the first time in 1546. I know of only one copy of this map which consists of six woodcut sheets and was published by Arnout Nicolai in Antwerp (the only known print was, however, lost in Breslau during the Second World War). In the legend in the bottom right-hand corner of the map is stated: 'In this map the Duchy of Brabant is described with its boundaries by the art of geometry and by the compass with great labour and diligence ...' Instructions for measuring the distance between the towns are also given. The map itself is surrounded by a border in which are set medallions with the portraits and coats of arms of the Dukes of Brabant. The last



Giovanni Francesco Camocio's map of Gelderland, Venice s.d., an Italian copy of Jacob van Deventer's wall map of this province. (By courtesy of Universiteitsbibliotheek, Amsterdam.)

It was not only the work of cartographers from the south of the Low Countries whose work was copied in Italy but also the work of cartographers from Amsterdam. This Caerte van oostlandt (1543) by Cornelis Anthoniszoon was copied by both Tramezini and Camocio. No copy of the original edition of this map is known but this is a later edition published in Antwerp by Arnout Nicolai. (By courtesy of Biblioteca Augusta, Wolfenbüttel.)

(below)

Detail of a large wall map by Pietro Petrucci (1669) which was originally published by Matteo Florimi in Sienna in 1600. The copper plates were engraved by the Flemish engraver Arnoldo di Arnoldi to whom Plancius' world map of 1592 served as a model.

(66th) Duke is Philip, King of Spain.

The earliest Italian reductions of van Deventer's wall map of Brabant were again produced by Tramezini, who published a map engraved by Jacobus Bossius in 1556 and 1558. In the subsequent period further copies of Tramezini's edition were published in Venice, first by Camocio in 1566, followed by Zaltieri in 1567. The latter bears the name of Hieronymus Olgiatus as engraver. Later editions without a date or without Zaltieri's name are also known.

It is surprising to note that there is no known Italian copy of van Deventer's wall map of Zealand.

It is probable that van Deventer's original maps of the Dutch provinces were sold only in very limited editions, since it would otherwise be difficult to explain why, for example, Gerard de Jode referred not to the Dutch original but to the Italian copy for his map of Brabant published in c.1568. On this map of Brabant de Jode states: ad instar eius quae excusa est Romae per Mich.

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Tramezini iam veru(m) castigatius impressa per Gerardum de Jode, Antuerpia. The price charged for this map by Plantijn in 1568 was 28 stuivers.

Tramezini's maps were apparently highly valued in the Low Countries. This is evident from the words which Gerard de Jode uses to recommend his maps of Holland, Gelderland and Flanders: ad exemplar descriptionis quam edidit Romae Mich. Tramessini, nunc castigatior, prostat Antwerpiae apud Gerardum de Iode in borsa noua. This shows an interesting interplay of cartographic forces and influences: in the initial stage the creation of the wall maps by Jacob van Deventer in the Low Countries, followed by the stage of the various Italian copies in a smaller format in Rome and Venice and finally the stage where Tramezini's cartographic works are reflected back in the work of de Jode in Antwerp.

It was not only the work of cartographers from the south of the Low Countries which was copied in Italy, but also the work of the





This wall map of Asia in eight sheets by Abraham Ortelius was based on the work of Giocomo Gastaldi. In a note to the reader Ortelius mentions that he has borrowed much from Gastaldi's map of Asia. This is the only known copy of the Ortelius version. (By courtesy of Öffentliche Bibliothek der Universität, Basel.)

Amsterdam cartographers. The *Caerte van Oostlant* by Cornelis Anthoniszoon is a very important milestone in the history of the development of Dutch sea charts. No copy of the original edition of 1543 is known, but there is a later edition in Wolfenbüttel, which was published in Antwerp by Arnout Nicolai. This map comprises nine woodcut sheets and covers the North Sea from the Channel to southern Scandinavia, with Denmark as the centre point, and the largest part of the Baltic with the coastal regions.

This map was engraved in a reduced format in Rome by Jacobus Bossius and was published in 1558 by Michaelo Tramezini. The title strip in southern Scandinavia has been left blank on this Italian copy: the title with the publisher's address has been moved to the cartouche in the bottom right-hand corner of the map instead of the dedication to the reader on the original map. On Tramezini's copy only the major towns are drawn in with vignettes and these, like the names of countries, are latinised. The name of the author, Cornelis Anthoniszoon, is missing.

In 1562 another Italian copy of the map was published in Venice by Camocio, which gives more names in the interior of the Baltic states than Tramezini's and more than the original map. The map has no title but the region represented is defined in the dedication to the reader in the bottom right-hand corner. By contrast with the original map and Tramezini's map, Camocio's version has no scale strip and the decorative elements on the areas of water are entirely omitted. There are also prints of this map which do not bear Camocio's address.

The famous theologian and cartographer Petrus Plancius (1552-1622) published a large wall map of the world on cylindrical projection in 1592 which was a milestone in the history of the development of Dutch cartography. Only a single, poorly preserved copy of this map of the world still survives in Valencia.6 Plancius' map of the world attracted great admiration from his contemporaries and it was copied both in the Low Countries and in various other countries. An Italian copy consisting of twelve sheets was engraved by Arnoldo di Arnoldi and published by Matteo Florimi in Sienna in 1600. There is only one known surviving copy of this map too, in Göttingen, which was the subject of a study by Professor Almagià in 1934.7 The dedication dated 15 april 1600 to Cardinal Montalto is signed: Arnoldo di Arnoldi Fiamengo. Arnoldi was of Flemish origin, and at first worked for Giovanni Magini in Bologna and later for Matteo Florimi in Sienna

Arnoldi's version of Plancius' map of the world largely follows the geographical outlines of the original, but Arnoldi differs from Plancius particularly in the presentation of decorative elements in the southern continent. Whereas on Plancius' map the hemispheres of the northern and southern celestial skies are presented in the top two corners of the map and the northern and southern globes in the bottom two corners, Arnoldi confines himself to a representation of the northern polar map based on Mercator. Arnoldi

has also translated Plancius' long legends and reproduces them in part in an abridged form. A re-issue of this large wall map was published by Pietro Petrucci in 1669.

Even before the publication of his magnum opus *Speculum Orbis Terrarum* in 1578, the Antwerp publisher and engraver Gerard de Jode had been extremely active in the publication of unbound maps. By engraving copies of works by major cartographers, De Jode has preserved some cartographic monuments of the sixteenth century, which would otherwise have been lost. De Jode had close links with the cartographic works of Giacomo Gastaldi, which he not only incorporated in his atlas, but some of which he also had copied in Antwerp and offered for sale separately.⁸

The Frankfurt Book Fair was an extremely important link in the international map trade. De Jode had a stand in Frankfurt, where among other things he acquired Italian art prints and maps. The earliest separate edition by De Jode known to us is an improved and extended edition of Gastaldi's map of the world of 1546. This was the original Italian map, which De Jode offered for sale. This is clearly shown by a title strip pasted at the upper edge of the map of the world, on which the seller's address is given together with the map title and the name of the author, Gastaldi: *Veneunt Antverpiae Gerardo Judeo 1555*.9

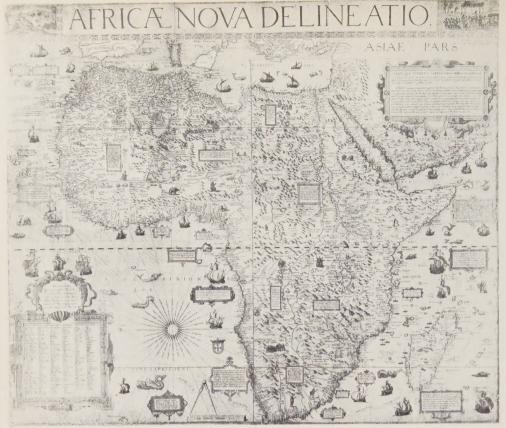
One great success was Gastaldi's map of Italy in three sheets dated 1561, which was re-issued many times, both on the original scale and in a reduced format. De Jode published a copperplate engraving in four sheets in 1568; only a single copy of this edition is now known in Wolfenbüttel. The title with Gastaldi's name runs along the upper edge of the map and in the bottom right-hand corner is the statement that De Jode himself engraved this map and published it in 1568.

Reductions of Gastaldi's map of Italy are to be found both in Ortelius' *Theatrum Orbis Terrarum* of 1570 and in De Jode's *Speculum Orbis Terrarum* of 1578. Both publishers name Gastaldi as the source in the title of the map and in this way they made a decisive contribution to popularising this work north of the Alps.

In 1561 Gastaldi completed a map of Asia in three sheets, which had a major influence on the work of Ortelius and De Jode in the Low Countries. The first sheet, covering western Asia appeared in 1559 and Gastaldi added two further sheets two years later. A glance at Gastaldi's maps shows the richness of their geographical contents. In their representation of the coastlines his maps are superior to all previous known maps of Asia, either drawn by hand or printed

Gerard de Jode had reductions of these maps by Gastaldi, each of which is in two sheets, engraved by Joannes and Lucas van Doetecum and included them in his atlas editions of 1578 and 1593.

Gastaldi's maps also formed the basis for the wall map in eight sheets by Ortelius, which was published in Antwerp in 1567, the



This wall map of Africa in nine sheets by Cornelis de Jode was based on the work of Gastaldi. (By courtesy of Staatsarchiv, Nürnberg.)

only known copy of which is preserved in Basle. In his note to the reader Ortelius mentions that he has borrowed much from Gastaldi's map of Asia.

This wall map is another instance of an interesting reciprocal effect. While Ortelius names the work of Gastaldi as the main source for the composition of his wall map of Asia, Ortelius' wall map was copied on full scale in Venice and published by Donato Bertelli. ¹⁰ Whereas the six-year imperial privilege granted to Ortelius is inserted in the lower edge of the original Ortelius map of 1567, the Italian copy has the address of the Venetian publisher. The original place of publication and the date of the edition, 1567, are omitted from the note to the reader.

Gastaldi occupied himself repeatedly with the map of Africa, which was published in various formats. In 1564 a wall map of Africa in eight sheets was published in Venice by Fabio Licinio and is of major significance to the history of the discovery of the continent during the sixteenth century.

This wall map was used as a basis for a wall map of Africa, also in eight sheets, published by Gerard de Jode, no copy of which is now known. However, a few years ago I discovered a hitherto unknown wall map with the title *Africae Novae delineatio*, which was published by his son Cornelis in 1596. ¹¹ In the cartouche in the top right-hand corner it is mentioned that the source used for the map was the description 'which had been published most carefully by Iacobus de Castaldo, taking into account all degrees of latitude and longitude'.

In another legend it is stated that, with the same zeal as he had applied to revising the maps of the other continents, Cornelis de Jode had not only expanded this map of Africa by also magnificently illustrating it but he published it at his own expense in 1596. Apart from small alterations de Jode used the eight copperplates which Johannes and Lucas van Doetecum had originally engraved for his father and mounted a title strip in three sections at the upper edge of the map, which differs from the rest of the map in the style of engraving.

Gerard de Jode also included Gastaldi's map in a reduced format in the first edition of his *Speculum*, on which Gastaldi's name appears in the title. The atlases produced in Italy and the Low Countries in the second half of the sixteenth century¹² show a considerable difference between the two countries. It is not known exactly who in Italy conceived the idea of binding loose map sheets of varying sizes together to form a collection in a folio volume. For this purpose larger maps had to be folded and smaller maps provided with strips of paper at the edges in order to fit the dimensions of the binding. One unintentional but fortunate result of this idea was that some 600 Italian maps from this period have

been preserved in this way, whereas to the north of the Alps similar maps, unbound, have come to light only in small numbers and often in a poor condition. Apart from Lafreri it was primarily the Venetian engravers and publishers (such as Forlani and Bertelli) who were concerned with the compilation of such composite atlases.

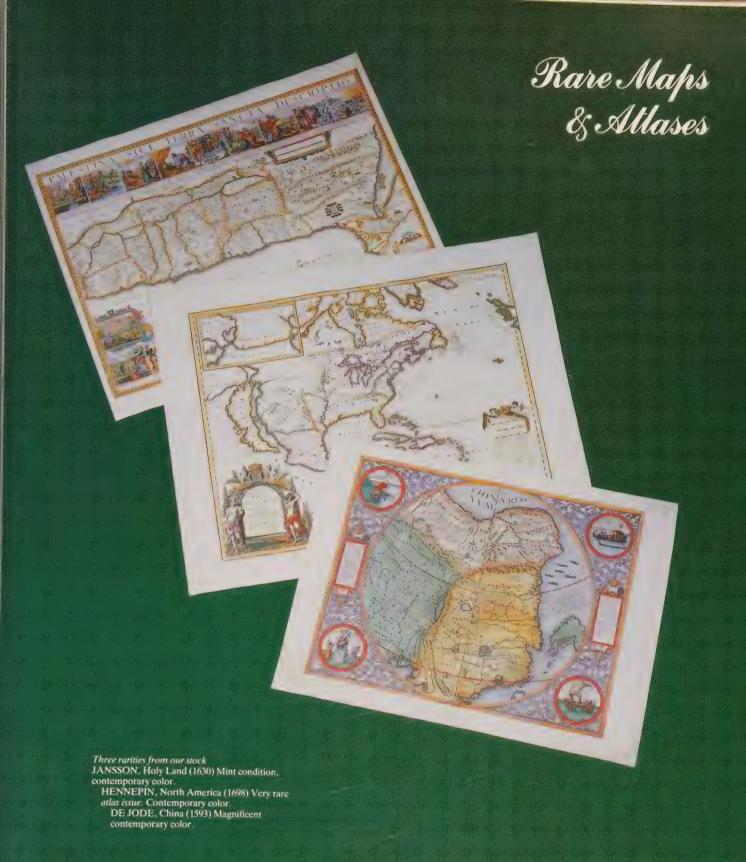
In the Low Countries, on the other hand, a quite different type of atlas appeared, which is rightly described as the first modern atlas of the world. In 1570 Abraham Ortelius published his *Theatrum Orbis Terrarum* in Antwerp, which differs from the Italian composite atlases in the following ways: The *Theatrum* was printed as *one* edition, comprising a specific number in the same series. A further characteristic was the uniform format, for which Ortelius selected the best maps available on the market before 1570 and a description is attached to the maps, text and map forming a single unit.

Through its publication in more than forty editions the *Theatrum Orbis Terrarum* exerted a very great influence on the geographical knowledge of the time. The maps by the Italian cartographers Gastaldi, Septala, Ligorio and Bell'Armato included in the *Theatrum* were disseminated throughout Europe a tendency which is also evident in De Jode's *Speculum* (1578 and 1593), so that in both cases it is appropriate to speak of a cartographic relationship between Italy and the Low Countries.

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- 3 M. Destombes, 'La grande carte de Flandre de Mercator et ses imitations jusqu'à Ortelius (1540-1570)'. In: Annalen van de Oudheidkundige Kring van het Landvan Waas, 75 (1972) 5-18.
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 7 R. Almagià, *Il planisfero di Arnoldo de Arnoldi (1600)*. Pubblicazioni dell'Istituto
- di Geografia della R. Università di Roma, Serie B, num. 2 (Roma 1934). 8 Fern. van Ortroy, L'oeuvre cartographique de Gérard et de Corneille de Jode
- (Anvers, 1914).

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- 10 Reproduction and description in R. Almagià. Monumenta Cartographica Vaticana:
 II (Città del Vaticano, 1948) plates XVII-XVIII.
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Johann Georg Kohl and America by John A. Wolter



Dr John Wolter, Chief of the Geography and Map Division at the Library of Congress, Washington DC, who is the author of this article.

DR. JOHANN GEORG KOHL was born in Bremen on April 28, 1808, and died there on October 28, 1878. Kohl has been of interest to me since I worked with Fergus Wood of the U.S. National Ocean Survey several years ago on his plan for facsimile publication of all of Kohl's unpublished materials dealing with the U.S. West Coast for the recent American Bicentennial celebration. Unfortunately those plans were never realized and the project was abandoned. Wood examined and prepared a list of most of the large number of Kohl materials housed in the Geography and Map and Manuscript Divisions of the Library of Congress and in the collections of the National Ocean Survey. In an article published in 1969 he detailed Kohl's work for the United States Coast Survey during the mid-nineteenth century.

Wood also compiled a very useful catalogue of Kohl materials.² I have since been able to amend and correct portions of the catalogue and add considerably to the locational information. The publication of an amended catalogue, a new and revised list of facsimile maps and a biographical memoir are presently under consideration.

Kohl's life can tentatively be divided into four periods. The first extends from his birth in 1808 to the publication of his first major work in theoretical geography in 1841 discussed later. The second period begins with his first travel book, also published in 1841, and ends with his departure for the United States in 1854. The third and most significant for us is his American sojourn, spanning the years 1854 to 1858, but in an intellectual sense beginning much earlier and never really ending. The last period, from 1859 to his death nineteen years later, includes several of his most significant publications, beginning with his elaborate and beautiful 1860 facsimile edition of the Diego Ribero World Map of 1529. Also included is his excellent and well-known History of the Discovery of the East Coast of North America...,3 published in 1869, and his excellent work on the discovery and exploration of the Strait of Magellan about which Henry Murphy wrote on October 22, 1877, 'Scope and design are excellent and the manner in which you have executed your task is beyond all praise of mine, exhibiting a perfect knowledge and appreciation of the subject.' The greater portion of a treatise on the Northwest Passage from Cortes to Franklin and McClure was being printed in Ausland at the time of

Kohl studied at the Universities of Munich, Göttingen and Heidelberg. He served for some five years as a tutor in the households of Baron Manteuffel auf Zieran and the Reichsgrafen Medem auf Ellay. He was, with Heinrich Kiepert, Arnold Guyot, Eliseé Reclus and G.B. Mendelssohn, among others, a follower of the eminent German geographer Carl Ritter.⁴

Carl Ritter's influence can be seen in much of Kohl's writing, particularly in his early work on the relation of settlements to the earth's surface and his later work on the geographical location of capital cities. Indeed, in one of Kohl's earliest studies, he is

concerned with theoretical geography. He hoped that, 'No more and no less than that this book should alter the entire foundation of geographical science or rather that with it geography would gain a real basis and be marked as a true science.' His treatise dealt with the relationship between man and nature and the influence of that relationship on the transportation network and on settlements. He discusses many topics and viewpoints which are treated in contemporary theoretical geography. As Peter Haggett notes, 'the search for [an] efficient geometrical structure for regional transport networks is of long standing. Kohl (1850) developed an intricate tracery of branching networks for his system of cities. Ideas later taken up by Johann von Thünen, August Lösch, Alfred Weber and Walter Christaller.'6

Kohl's early accomplishments, however, are of less interest to us than what I call the second phase of his fascinating and productive life, although the earlier phase included the seeds of all of his theoretical work. He was a great traveller and prolific writer of popular travel books. One can see in the decade from 1841 to 1850 an enormous output beginning with his Travels in Russia, published in 1847,7 and followed by books about Austria. Hungary and the Danube, 1842; the British Isles, 1843/44: Denmark and Schleswig-Holstein, 1845/46; the Alpine countries, 1847/48; the Netherlands, 1849; and the Balkan countries in 1851. Most of the books resulting from these European journeys were translated into English, thus further enhancing their popularity. It is said that his description of St. Petersburg in the book of Russian travels was the best ever accomplished to date for that city. However, as Charles Dickens noted in The London Athanaeum in 1850, 'the indefatigable Mr. Kohl is always instructive, [but] sometimes tedious (sic).' Although I have been thoroughly entertained by reading several thousand of Kohl's words in monographs, manuscripts and correspondence, I am still forced to agree with Mr. Dickens, at least in part.

The third phase of Kohl's life, although there is a certain amount of overlap, began about five years before his trip to America in 1854. He visited important libraries and museums throughout Europe in an attempt to acquire as much information as he could which related to the exploration of the New World. He paid special attention to the history of the discovery of the North American continent. In addition to his library and archival researches, he corresponded with many of the eminent European historical geographers of the day, including Jomard, D'Avezac and Lelewel, being introduced to the latter in 1854 by Alexander von Humboldt as 'une homme de talent.'

The Journal of the Royal Geographical Society carried this report about his 1853 visit to London: 'the well known German traveller Mr. Kohl, has lately brought with him to this country a collection of maps and annotations of importance with regard to the history of discovery in America. The collection includes copies of some 750 maps taken from many old books and collections in

Germany, France, and England, arranged in chronological order in twenty six portfolios. He has also contrived to trace and distinguish on a single sheet the progress of American discovery as achieved by conquerors, traders and other explorers from earliest times to the latest, extracted from upwards of 700 travellers. It may be expected that Mr. Kohl's visit to this country and present researches in the British Museum and other repertories will produce useful accessions to this great collection.'

Kohl, of course, realized that his investigations into the historical geography of North America could best be met by travel in the region he was studying. On September 7, 1854, therefore, he embarked aboard the steamer *City of Manchester* for Philadelphia. Before departure he had several letters of introduction sent to American officials. One, written in London September 2, 1854, by Charles F. Stanbury to Lieut. Matthew Fontaine Maury, United States Navy has recently come to my attention. It reads as follows: 'Allow me to introduce to you J.G. Kohl Esq. of Bremen, who has devoted many years to the study of the history of the discovery of the American continent. His collection of maps and charts is enormous and most interesting, and he goes to America to complete his materials after having exhausted European sources. I know that as a friend of Science

you will take pleasure in pointing out to Mr. Kohl the best sources of information in aid of his researches.'

Kohl travelled to Canada, visiting Montreal and Quebec, proceeded west to Lake Superior and south through The America Middle West, returning to the East late in 1854. He became acquainted with Dr. Alexander Dallas Bache, the first president of the National Academy of Sciences, Superintendent of the U.S. Coast Survey and, interestingly, a great-grandson of the country's most distinguished early scientist, Benjamin Franklin.

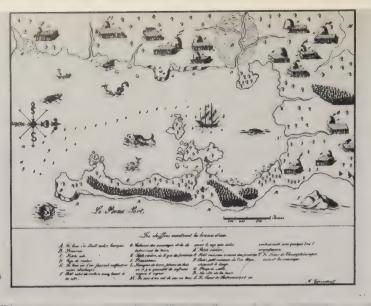
Bache persuaded Kohl to lend his many talents to the Federal government. There is a voluminous correspondence between Kohl and Alexander Dallas Bache in the records of the Coast and Geodetic Survey in the National Archives and Records Service. It begins on March 12, 1855, with an inquiry by Bache regarding the possibility of Kohl's providing 'Notes of Discovery on the Western Coast of the United States' according to their plan in fifty or sixty pages quarto 'Smithsonian size.' The sum of \$500 or \$600, depending on length, would be allowable. Correspondence between them continued during the ensuing year from places as far afield as Cape Florida, Dubuque, Iowa, Chicago and Bar Harbor, Maine.

Kohl's work for the U.S. Coast Survey, therefore, began as a

Johann Kohl's copy of the track chart made in 1773 from astronomical observations between the North Sea and Spitsbergen which appears in Voyage Towards the North Pole, London 1774, by Constantine J. Phipps. (Kohl Collection 353.)



ever for the first line discovered, entered and surveyed on the 22th of the Alba by Summed Them have made by Summed The Survey of the coast of May Crythand and named it. There may prosent of the beautiful port face and named it. There pare founded in the beautiful port face button court conceived the plan of making their his principal settlement. They founded in the bay and made a plot of it Themphain published this plot in his work. Its Toyages du blown I the how played the blown of it Themphain Survey to the beautiful published this plot in his work. Its Toyages du blown I the how played the blown I the survey to the the survey that the survey the survey the survey the survey the survey that the survey that the survey that the survey the survey the survey that the survey the survey the survey the survey that the survey the survey the survey that the survey the survey that the survey that the survey the survey the survey that the survey that the survey that the survey that the survey the survey that the survey that the survey the survey the survey that the survey that the survey that the survey the survey that the survey the survey that the survey that the survey that the survey the survey that the survey the survey that the survey that the survey that the survey that the s

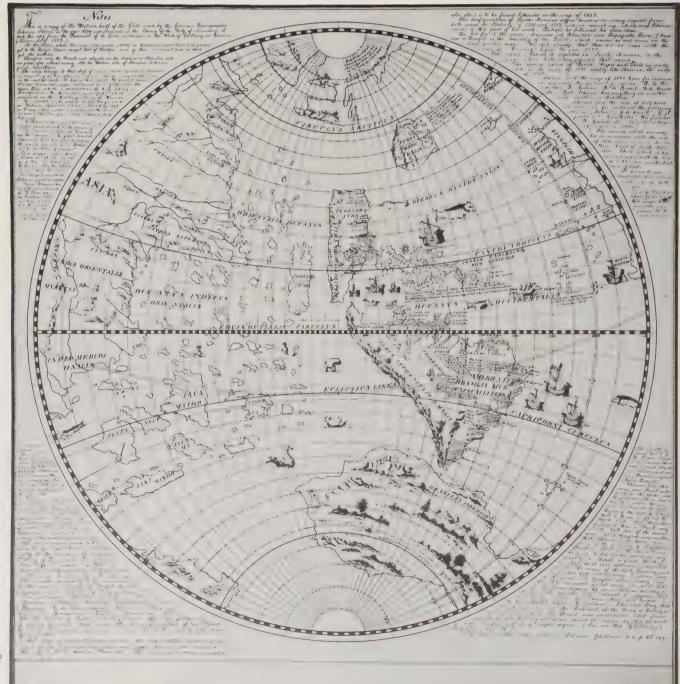


Champlant plan gons very early the principal features of our present flowersh barbor. The long shocked Paninesia of Last Pool so amountakably indicated and in the intercer of the bay our Nocky Rest and our Im Yound Asland's quite chearly drawn and letterine the site was the little provinceda, upon which at wester that sometimes as given by Thamplain are at the outrance of the harbor, is ug, brasses "fathorn" and shoul off in medihannel to 8,7,6,6,9, and these represent as given on the U. Hoast bursey. I harte were on the U. Hoast bursey. I harte.

FIRST SURVEY OF GLOUCESTER-HARBOR IN MASSACHUSETTS. 1606.

A hand drawn reproduction by Kohl's deputy, Max Eppendorff, of the first survey of Gloucester Harbour in Massachusetts from Samuel de Champlain's survey of September 22, 1606. (Kohl Collection 196.)

The Western Hemisphere from Johann Schöner's terrestrial globe of 1520. Copied from the reconstruction of the 'plani-globe' by Professor Frederich W. Ghillany in his Geschichte des Seefahrers Ritter Martin Behaim ... (Nürnberg, 1853). Acquired by the Library of Congress in 1926.



project for assembling all existing knowledge on the history of the exploration of the West Coast of the United States. It was subsequently augmented to include, in addition to an historical account of early exploration, a large-scale descriptive map showing progressive states of cartographic knowledge of that coast, a catalogue of all known maps of the coast, an assembly of notes describing these maps, a description of all bays, harbours, channels, inlets, coves. and estuaries along the coast, a catalogue of all known historical charts relating to the area, and a complete bibliography of books relating to discoveries along the coastline. Because of the usefulness of this historical, cartographic and hydrographic endeavour covering the West Coast, Kohl was subsequently requested to prepare similar compilations for the Gulf and East coasts. He was paid a total of slightly over \$5,000 for all of them.

A report by Kohl on the method, scope and compilation of a history of maritime discovery and exploration on the western part of the United States which was prepared for publication with the records of the United States Coast Survey, appeared as Appendix No. 52 of the Annual Report of the Superintendent of the Coast Survey for 1857. An abridged version of all three compilations, including lists of maps referenced to the Kohl Collection..., appeared as an appendix to the Annual Report of the Superintendent of the Coast and Geodetic Survey for 1884. Justin Winsor complained, however, that it was unfortunate to have printed the results of Kohl's labours without annotations some thirty years after they were written out, thus neglecting the great advance of knowledge which had been made during the interval.

The great contemporary value of Kohl's cartographic collection was acknowledged by a grant from the U.S. Congress in the sum of \$6,000. He was instructed to prepare copies of maps from his European collection for subsequent consultation by American scholars. Kohl's and his corps of American assistants' hand copies of maps, prepared as a result of the grant, were accepted by the Coast Survey and eventually transferred to the State Department by William Learned Marcy, Secretary of State. During the American Civil War, the entire collection came temporarily under the custody of the War Department, was stored in a troop billet, and came very close to being destroyed.

Justin Winsor notes in 1886 that 'this collection was sent by the Department [of State] to the editor of this History a few years ago and the indexes of Vols. II, III, and IV will show what use he has made of it.'

Philip Lee Phillips, in his first Annual Report to the Librarian of Congress for 1897, the year of the establishment of the Hall of Maps and Charts, noted that the Kohl Collection in the State Department was quite valuable, and although the Library had

duplicates of some of the Kohl maps, the proper place for their preservation would seem to be in the Library. He mentions the Kohl collection in the State Department as being accessible in his 1900 *Annual Report* and in 1904 reports that the transfer of the collection to the Library had been accomplished (on July 17, 1903).

Permission was received from the Harvard Library to reprint Justin Winsor's 'Bibliographical Contribution' No. 19 of the Library of Harvard University compiled in 1886. *The Kohl Collection (now in the Library of Congress) of Maps Relating to America* was, therefore, reprinted with an author list and index to Phillips in 1904. Additions by Winsor had, however, brought the total to 1,018 maps.

The Kohl Collection of Maps of America consists of 474 skillfully executed manuscript copies, with three exceptions, of maps from Kohl's own collection of some 977 individual maps described as the *Codex Americanus Geographicus* in Hermann Schumacher's monograph, *J.G. Kohl's Amerikanische Studien*, published in Bremen in 1888.

Phillips in his 1912 annual report states that no rare material worthy of notice had been received during the year except for some manuscript plans and reproductions made by Johann Georg Kohl which were transferred to the Library of Congress by the United States Coast and Geodetic Survey. They were received too late to describe in the body of a work in press at the time, *The Lowery Collection; A Descriptive List of Maps of the Spanish Possessions within the Present Limits of the United States*, 1502-1820, by Woodbury Lowery, edited by Phillips, but were found so pertinent to that subject that a list was included in the 'Prefaratory Notes' to the Lowery work, and the 101 additional original and manuscript maps were indexed in the general index. This brought the total number of Kohl's facsimile maps housed in the Division's collections to almost 600.

Finally, in the Report of the Librarian of Congress for the Fiscal Year Ending June 30, 1925, it was noted that 'Five Kohl manuscripts were transferred to the Library of Congress from the United States Coast and Geodetic Survey. They formed part of a collection to accompany the maps previously transferred to the Division of Maps.'

Were Kohl's varied compilations useful? Winsor notwithstanding, from an historical standpoint, Kohl's contemporary information on the early settlement of the American coastlines, together with his research into their geographic nomenclature, offered a valuable contribution to learning. His faithful descriptions of harbours and coastal features are, with few exceptions, without contemporary parallel. His compilations of bibliographies relative to the history of discovery



An original coloured manuscript chart drawn on tracing paper to illustrate 'History of the Gulf Stream from Columbus to Franklin composed by J.G. Kohl.'



of the coasts, his catalogue of maps and charts, and the comprehensive notes on his own collection of maps provide excellent resource material. The fine accuracy of his cartographic representation in the historical maps he so painstakingly reproduced has been attested to by many scholars.

Contemporaries like Joseph Henry and Spencer Baird of the Smithsonian Institution, James Carson Brevoort of the Astor Library, George Henry Moore of the Lenox Library and Henry C. Murphy of Brooklyn made use of his materials and made many favourable comments. Bancroft, Wagner, Wheat, Wright and many others have used Kohl's writings and maps in one way or another. It is interesting to note that many of Kohl's works were exhibited in the American Centennial Exhibition in Philadelphia

The late Admiral Samuel Eliot Morison, writing in 1974, had this to say about him: 'Kohl, while in the United States (1854-1857) worked out a method of reproducing the essential features and toponomy of old maps for modern printing that, in my opinion, has never been surpassed; and his originals are accessible in the Library of Congress.

The financial panic of 1857 prevented the publication of virtually all of Kohl's Coast Survey work. As Bache sadly noted in a letter to Kohl on February 2, 1858, 'there are no funds for publication. The unfortunate circumstances of the past year has deprived the government of its usual resources.' The government, indeed, was virtually bankrupt.

Kohl returned to Germany in 1858 quite discouraged. He accepted the position of librarian of the Bremen Library, which he seems to have kept until a year or two before his death.

Charles Deane in his remarks on Kohl's death printed in the Proceedings of the Massachusetts Historical Society in 1878 said: 'Dr. Kohl was never married. He was wedded only to his science. He had the enthusiasm, perseverance and learning so characteristic of German scholars, united to the most beautiful simplicity of character. He was a tall spare man of great energy and full of enthusiasm on his special theme... during the winter he spent in Cambridge he would sometimes carry off from my own library armloads of books... even during a drifting snowstorm... making me almost tremble for my precious volumes.

Kohl became quite ill during the last two years of his life and in his last letter to Deane wrote: 'A year and a half ago such a weakness and frailness of my body befell me, that I was obliged to give up all working, studying, and writing. I am so invalid in my legs that I am unable to walk from one table or room to the other: and that I can, like my dear Professor Woods, enjoy nature and fresh air only in a carriage. How happy would I be if I could ride in his company through the lofty woods and picturesque scenery of Maine!... Preserve me your friendship, and farewell. A great joy





A critical comparison of Kohl's maps with originals, later hand copies and modern printed facsimiles reveal the accuracy with which he depicts outstanding and important features. This map by Diego Gutierrez (1485-1554), left, entitled 'Americae Sive Quartae Orbis Partis Nova et Exactissima Description' is a spectacular example of an original source map used by Kohl to produce his manuscript copy of a map of South America. This was the largest (93 x 86cms) and most important engraved map to that time and was formerly in the collection of the Duke of Gotha. Above is Kohl's manuscript copy of Gutierrez's map. (Kohl Collection 359.)

would it be for me if you would take the trouble to write to me a little more on your own life and doings, ... and particularly of my dear, revered friend, Longfellow.'

Historians of cartography owe a great deal to Johann Georg Kohl who, to paraphrase Admiral Morison, was a member of that small but illustrious band of Américanistes of a century ago of both continents who despite the slow communication of the day knew each other and gave much friendly mutual assistance. Kohl counted among his friends and colleagues many of this 'small band' on both sides of the Atlantic Ocean. His correspondence with many of the leading literary and scientific figures of the day. as noted previously, has been a delight to read and most instructive regarding the gentler art of nineteenth century communication.

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 - I have been able to locate two additional collections of Kohl materials. The American Antiquarian Society collections include a folio manuscript entitled 'Asia America...' subsequently printed in the AAS Proceedings, v. 21, October 1911, p. 284-338, and a list of the maps in the Library of Congress. Both items were deposited by Joseph Henry. The University of Bremen Library houses the largest 'Kohl Collection.' I was able to examine it early in September 1979 thanks to information provided by Professor Scharfe, Bahrenberg, Ms. Dorette Frost, and above all, Dr. G. Knoll, who has been
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The Puzzling Aspects of Drayton's Poly-Olbion

by Gilbert Cope

Dr Cope is a keen collector of maps of Warwickshire, his home county, and it was the day he acquired one of Michael Drayton's 'maps' that his interest was aroused in Poly-Olbion. He has made an interesting study of the relationship between Drayton and William Hole who was the engraver and sheds new light on this strange and unexplained book of poems and the county maps drawn to illustrate them.

SHORTLY AFTER I began to collect the maps of my native county of Warwickshire I came across what appeared to be a very curious map associated with the name of Michael Drayton (1563-1631). I knew that he was a Warwickshire born poet and dramatist but I was acquainted with only a few lines of his poetry—'Since there's no help, come let us kiss and part' and 'Fair stood the wind for France'—either of which could understandably be attributed to his contemporary and putative friend, Shakespeare (1564-1616). He also wrote of our common county as 'That Shire which wee the hart of England well may call'. This phrase occurs at the beginning of one of the 'county poems' in the collection called *Poly-Olbion* which also contains thirty maps.



A portrait of Michael Drayton which was engraved by William Hole, taken from A.H. Hind's *Engraving in England*, Volume Two. (By courtesy of The British Library.)

Brushing up my ill-remembered and fragmentary Greek, Il surmised that this title meant something like *many blessings* and Il suspected that *Olbion* might be intended as a pun on *Albion*. This is an old name for Britain and would be logical as the poems are about various aspects of the nationwide heritage of our countryside. This a notion of a play on words was reinforced by the fact that Drayton called his poems *Songs* and that the sub-title of *Poly-Olbion* is *Ala chorographical Desscription of Tracts, Rivers, Mountains, Forests and to Other Parts of this renowned Isle of Great Britaine*.

In this context the word *chorographical*, which refers to the description of districts (Gk. khora= land) also suggests *chorus* (Gk. khoros) — a word which implies songs. In other words, we may expect the poems to provide something less than geography but more than topography and indeed this is true of both words and maps.

But what had all this to do with the curious maps which ignored county boundaries, noted few villages, showed no roads, emphasised rivers and streams, lacked customary notes of scale and orientation and were embellished with sketches of naked nymphs, legendary ladies and symbolic scenes?

It soon transpired that the maps had been engraved by William Hole and that they should not be attributed to Drayton himself. Hole, together with William Kip, had been responsible for the county maps printed in the sixth edition (1607) of William Camden's *Britannia* as illustrations of the prose description of the country. The title page of *Poly-Olbion* was designed by Hole and is clearly marked *Ingraue by W. Hole*.

Further consideration of these and other early county maps soon made it clear to me that they were not primarily route maps intended to help a traveller to get from A to B, nor were they primarily intended to assist local administrators like the earlier estate maps Secondly, it became apparent that William Hole's fantastic maps for *Poly-Olbion* really comprised an extreme case of the decorative illustration which was characteristic of the early maps from Christopher Saxton and John Speed. In other words, these maps were designed to amplify texts which celebrated the growing national pride and patriotic glory of the renaissance kingdoms of the Tudor and early Stuart period. They were not thought of as attractive atlases, still less as interesting antiques to be hung on a wall!

Michael Drayton's descriptions of county traditions differed from others in that they were in verse and not in prose. Consequently, the maps show a freedom of interpretation and decoration. Further adding to the mystery is the question of why Drayton came to commission Hole. Why choose Hole and not one of the other artists engravers available at the time? How did Drayton brief Hole and how closely did Hole observe his instructions? Precise answers to these questions have eluded me but some light can be thrown on the mystery by a study of Drayton's writings and Hole's engravings.

Hole was already experienced in reproducing scale copies of properly surveyed county maps and it became clear to me as my research continued that he had been engaged to design 'feature maps's for the poems which comprise *Poly-Olbion*. No attempt was made to indicate scale or orientation.

During the early period of the publication of county maps (1579-1622) note must be taken of the work of several surveyors and engravers. By far the most important surveyor of this period, from 1579 onwards, was Christopher Saxton upon whose work subsequent publications were more or less dependent. Saxton's maps were engraved by three Flemings and three Englishmen engaged by his patron, Sir Thomas Seckford. In contrast, John Norden, 1598, who sought to introduce county roads, failed through lack of sponsorship



Michael Drayton's map of his home county of Warwickshire. No roads or county boundaries are shown — only rivers from which spring water nymphs and symbolic figures representing the occasional town.

A map of Caernarvonshire engraved by William Hole and published in the 1607 latin edition of William Camden's *Britannia*. The maps are reductions of Christopher Saxton's maps of 1579 but the decorative title pieces, scale of miles and other decorations were newly designed. (Photo by John Webb.)



and only two maps, Middlesex and Hertfordshire, (both engraved by William Kip) were published in his lifetime.

Prior to the publication of Poly-Olbion, the first edition of John Speed's atlas *Theatre of the Empire of Great Britaine* appeared with its engraved maps by Jodocus Hondius. These maps also appeared without roads but were lavishly decorated with town plans, heraldry and occasionally pictures of battles, buildings and portraits.

William Hole was commissioned not only to design the title page for *Poly-Olbion* but also a frontispiece portrait of Prince Henry Stuart, the eldest son of King James I, whose patronage Drayton sought without success. However, he did receive a small pension from the Prince perhaps in response to the dedicatory poem which begins;

Britaine behold here portray'd, to thy sight Henry, thy best hope and the world's delight; Ordain'd to make thy eight Great Henries, nine:

Prince Henry, who might have become King Henry IX, died in the year of publication of the first part of *Poly-Olbion* in 1612 and the additional second part, 1622, was dedicated to his brother, Charles,

Prince of Wales. (later Charles I).

I soon learned that Hole was well known in his day as a portrait and emblem engraver and that his subjects included Charles I, Frederick IV, George Chapman, John Florio, Martin Billingsley and Michael Drayton. He also had a number of title pages to his credit including an edition of the Bible, (1607); Chapman's translation of Homer, (1610); Thomas Coryate's Crudities, 1611; Browne's Britannia's Pastorals (1613), The Workes of Ben Johnson (1616), Aaron Rathbone's The Surveyor (1616), and Drayton's own Collected Poems (1619). Hole was the engraver of sundry books of printed music and of calligraphy and he also engraved a number of North American maps the most notable of which is Captain John Smith's 'Virginia' (1612). Although the evidence is slightly ambiguous, it appears that he was appointed Chief Engraver of the Mint and of the royal seals etc. There can be little doubt that he was friendly with many of the distinguished literary and musical men who moved in the circle to which Drayton also belonged. Naturally enough, then, he was asked to illustrate the celebratory county poems which Drayton had been composing from the end of the Elizabethan age onwards.

At this stage, I reminded myself that all the previous maps were considerably embellished in one way or another with fashionable decorations. Saxton's original survey maps are not without their sea-monsters, sailing vessels, armorial devices, elaborate cartouches and impressive Italic lettering — in addition to the basic conventional signs for villages, towns, churches, mountains, forests and private estates. The 'oddity' of Hole's maps for Drayton is therefore to be understood in terms of selective illustration of county poems rich in antiquarian allusions and not as a perverse departure from a developing sequence of cartography divorced from national history and local tradition. In other words, the maps, with their surprising imagery, must be considered in relation to the particular topics dealt with in each county 'song' and to the late Elizabethan style of Drayton's verse.

As early as 1594 Drayton wrote a kind of miniature *Poly-Olbion*, and (as J.W.Hebel has pointed out) various contemporary works (e.g. Spenser's poetry, Saxton's maps, Camden's *Britannia*) inspired him to persevere with the idea and produce a major work. By 1598 his intention was known, but the first eighteen 'songs' were not ready for publication for another fourteen years! Drayton realised that his rather laboured poetic style was falling out of fashion and there would be difficulties in publishing Elizabethan verse in Stuart times. He writes, 'there is this great disadvantage against me; that it commeth out at this time, when Verses are wholly deducted to Chambers, and nothing esteem'd in this lunatique Age'.

When, at last, the eighteen 'songs' were ready for the press he asked his friend, John Selden, a distinguished and scholarly antiquarian, to annotate the poems explaining the more obscure allusions. At about the same time he may have concluded the arrangements with William Hole for the design of the maps, although I have not been able to discover exactly when Drayton began to supply Hole with the 'songs'. Drayton also wrote a verse foreword with references to Albion, Brutus, Caesar and the Saxons and Normans: corresponding figures appear in Hole's frontispiece plate and this was used throughout all the editions.

The first edition of Poly-Olbion was published for Mathew

Lownes, J. Browne, J. Helme, and J. Busbie. It did not have a letterpress title-page but the date, 1612, appeared on a note from John Selden. The second issue, with a few modifications, did have the title-page in type and is dated 1613.

In spite of the fact that this edition did not sell particularly well, Drayton continued to compose another twelve 'songs' (dealing with the 'missing' eastern and northern counties) with a view to their publication as Part II of *Poly-Olbion*. Clearly, Hole had agreed to design the twelve corresponding maps of the same size (average c. 25cm x 33cm), but it is noticeable that the emblematic figures are somewhat larger than those of the earlier series — and possibly a little more sophisticated.

In the meantime Drayton had fallen out with his publishers: 'The booksellers and I are in Terms. They are a company of base knaves, whom I both scorn and kick at,' and the subsequent edition was delayed for a decade. A sufficient number of unbound pages remained of what now became Part I and only Part II needed to be printed. This was done by Augustine Mathews for John Marriott, John Grismond and Thomas Dewe. The two parts were combined with a new 'Second Part' title-page (dated 1622) inserted in between, together with a fresh dedication to the Prince of Wales (later Charles I).

In the complete *Poly-Olbion* there are thirty long poems — no less than 15,000 lines of Alexandrine verse — together with thirty enigmatic maps. It is obviously impracticable here to do more than



This unusual title plate for *Poly-Olbion* was designed by William Hole and is typical of the Renaissance idea of linking national pride with cartographic symbolism. The impressive 'Albion' is wrapped in a cloak decorated with rivers, trees, mountains and churches and is surrounded by the standing figures of Brutus and Caesar and a Saxon and Norman warrior.

give a few examples of the relationship between text and illustration. For my part this was best done by dealing particularly with Warwickshire. Moreover, Drayton's home county poem contains a few autobiographical references along with his deep appreciation of the natural beauty of the countryside.

The thirteenth 'song' begins in praise of the ancient Forest of Arden 'Her one hand touching *Trent*, the other, *Severns* side. The very sound of these, the Wood-Nymphs doth awake.' So it is that the map is dominated by the central figure of Diana the Huntress, with bow and quiver, close to surviving trees and plants, and referred to as '... *Diana* bright, a Goddesse and a mayd:

In many a huge-growne Wood, and many a shady Grove, Which oft hast borne thy Bowe (great Huntresse) us'd to rove At many a cruell beast, and with thy darts to pierce The Lyon, Panther, Ounce, the Beare, and Tiger fierce.

Hole's nymphs are not so much from the woods as from the rivers — naked creatures waving to us from the water. Drayton describes at length Arden's birds and their songs and continues with a sensitive and detailed account of the hunting of the deer, concluding as follows:

The cruell ravenous hounds and bloody Hunters neer, This noblest beast of Chase, that vainly doth but feare, Some banke or quick-set finds: to which his haunch oppos' He turnes upon his foes, that soon have him inclos'd. The churlish throated hounds then holding him at bay, And as their cruell fangs on his harsh skin they lay, With his sharp-poynted head he dealeth deadly wounds.

The Hunter, comming in to helpe his wearied hounds, He desperately assailes; untill opprest by force, He who the Mourner is to his owne dying Corse, Upon the ruthless earth his precious tears lets fall.

(151-161)

Drayton goes on to write about the human inhabitants of the forest — the village Clowns and the Hermit who prepares medicines from the woodland herbs. Then comes a section on the 'Rills and Riverets' which dominate Hole's maps — presumably on the instructions of Drayton. In particular he writes of a stream called Ancor in the north of the county (where he was born) and of Coventry (where he spent much of his boyhood in service of the Goodeere family). He was platonically in love with the embodiment of his 'Idea' in the person of Anne Goodeere; and fancifully relates her name to *An*-cor and *God*-iva!

Coventry is represented on the map by a well-built woman wearing a spired head-dress — the symbolic figures of Warwick and Tamworth wear crennelated crowns to signify the castles. There is a comely female with a pitcher sitting on the edge of a hole to indicate Newnham Well, and, in the poem Drayton proceeds

'... to showe, how Avon from her Spring,

By Newnham's Fount is blessed; and how she blandishing,

By Dunsmore drives along.

A little earlier Drayton had referred to the Highcrosse at Dunsmore — a supposed middle point of England:

'Where those two mightie waies, the Watling and the Fosse,

Our centre seem to cut.

Needless to say, there is no indication on the map of the intersection of these two important roads — instead we see a seated figure with a long spear which appears to reflect the achievement of Guy, a legendary earl of Warwick, who —

'... did quell the monstrous Cow

The pasengers that us'd from Dunsmore to affright.'

Just as Hole did not take the opportunity to depict the deer in Arden so he refrains from drawing the horrific 'Dun Cow' of local legend. However, the prolifically fertile Vale of the Red Horse (below Edgehill) is symbolised by an opulent Ceres and a grazing horse where:

'The daintie Clover growes (of grasse the only silke) That makes each Udder strout abundantly with milke.'

The poet refers to the confluence of rivers where the Leam joins the Avon and continues downstream in these termes:

..... Avons winding streame,

By Warwick, entertaines the high-complection'd Leame:

And as she thence to *Stratford* on doth straine Receiveth little *Heile* the next into her traine.'

CHOROGRAPHICALL

DESCRIPTION OF ALL THE TRACTS, RIVERS,

MOVNTAINS, FORESTS,

and other Parts of this Renowned Isle of GREAT BRITAIN,

With intermixture of the most Remarkeable. Stories, Antiquities, Wonders, Rarities, Pleasures, and Commodities of the same.

Divided into two Bookes; the latter containing twelve Songs, never before Imprinted.

Digested into a Poemby

By

MICHAEL DRAYTON. Esquire.

With a Table added, for direction to those Occurrences of Story and Antiquitie, whereunto the Course of the Volume easily leades not.



Printed for Iohn Marriott, Iohn Grismand, and Thomas Dewe. 1622.

The title page from William Drayton's second edition of Poly-Olbion dated 1622.

At first sight, it seems surprising that this is Drayton's only reference to the birthplace and current residence of Shakespeare — nor on the map is there any indication of the location of the town. I am convinced that this omission is simply because contemporary biographical reference was not the concern of *PolyOlbion*. Even so, the mention of Stratford does raise the question of what relationship, if any, existed between these two men whose careers had so much in common.

Elsewhere in his writings Drayton praises his friends but there is only one grudging reference to Shakespeare:

'Shakespeare thou hadst as smooth a Comicke vaine,

Fitting the socke, and in thy naturall braine,

As strong conception, and as Cleere a range,

As anyone that trafiqu'd with the stage.

Correspondingly, of course, so little of Shakespeare's life is documented that it is not surprising that there is no record of any connection with Drayton. It is known that Drayton was a frequent visitor at Clifford Chambers, just ouside Stratford, where Anne Goodeere had lived with her husband, Henry Rainsford, since their marriage in 1595. It is also known that he was treated medically by Dr. John Hall, Shakespeare's son-in-law, who was in practice in Stratford. None of these snippets of information gives



One of the most attractive maps in Poly-Olbion is this one of South Wales and Severn engraved by William Hole. It was drawn to illustrate Song IV which deals with a musical contest between Wales and England to decide the ownership of Lundy in the Severn estuary. (By courtesy of Brian Kentish.)

much credence to the anecdote recounted in 1662 by a former vicar of Stratford to the effect that 'Shakespeare, Drayton and Ben Johnson had a merry meeting, and it seems, drank too hard, for Shakespeare died of a feavour there contracted'. This is one of those stories which does not really ring true, but yet might possibly have some basis in fact. It does not accord with the impression I have built up of the character of Drayton: I suspect that he was a rather tedious, inhibited and puritanical man — ambitious and constantly seeking the approbation and patronage of wealthy sponsors. Such men are not customarily given to hard drinking — but there are always exceptions. Towards the end of his life Drayton had obtained noble patronage, and, after his death in 1631 and burial in Westminster Abbey, the Countess of Dorset had erected a memorial inscribed with a pious tribute ascribed plausibly to Ben Johnson.

Of the thirty songs and maps one of the more interesting is Drayton's Song XV and Hole's accompanying map of Oxfordshire, Berkshire and Buckinghamshire which covers the remarkable confluence of the rivers Cherwell, Isis, Tame and Kennet to form the Thames. The poet treats the junction of the Tame and the Isis as a splendid Marriage:

'Yee both so lovely are, that knowledge scarce can tell, For feature whether hee, or beautie shee excell: That ravished with joy each other to behold, When as your crystall wasts you closely doe enfold, Betwixt your beauteous selves you shall beget a Sonne,

That when you lives shall end, in him shall be begunne.

(99-104)

The artist responds with an exuberant 'nudist' wedding

accompanied by crowning, feasting and music.

The coastal counties afford more scope for nautical decoration and maritime imagery. Outstanding is Hole's plate illustrating Song IV which deals with a musical contest between Wales and England to decide the ownership of Lundy in the Severn estuary. In addition to Neptune and various water-nymphs and monsters, we see two orchestras, respectively under the banners of St. Davids and St. George, confronting one another across the water. These illustrate such lines as:

The trembling Lute some touch, some straine the Violl best ...

Some likewise affect the Gamba with the voice ...

Some that delight to touch the sterner wyery Chord,

The Cythron, the Pandore, and the Theorbo strike:

The Gittern and the Kit the wandring Fidlers like.

... the Corner and the Phife,

The Hoboy, Sagbut deepe, Recorder, and the Flute:'

And so on to include the Shawme, the Cornamute and the Bagpipe!

Oddly enough, the Warwickshire map is one of the least interesting of the whole series, but, taken with the poem, it serves well to illuminate something of the relationship between poet and engraver for the complete collection.

Further Reading

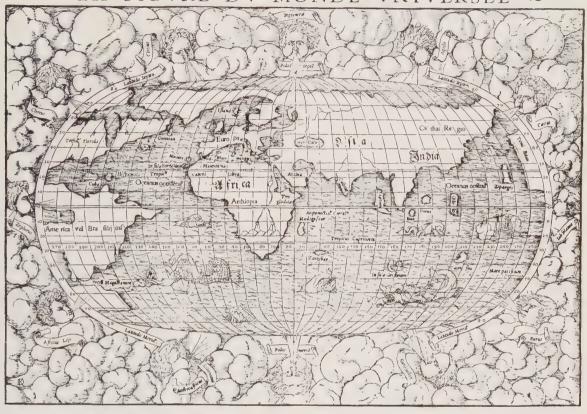
Hebel, J.Wm. (ed). The Works of Michael Drayton. 5 Vols. Oxford, Blackwell. 1941/1961.

Hind, A.M. Engraving in England. 2 Vols. C.U.P. Cambridge, 1955. Newdigate, B.H. Michael Drayton and his Circle. Oxford, Blackwell 1961.

Harvey, P.D.A. and Thorpe, Harry. *The Printed Maps of Warwickshire* 1959. Warwickshire County Council and University of Birmingham.

World maps from the 16th and 17th centuries

" LA FIGURE DU MONDE UNIVERSEL. SO



SEBASTIAN MUNSTER: LA FIGURE DU MONDE UNIVERSEL (BASLE c1555) French text. 260 × 380mm. Uncoloured. Good. Woodcut.

The second of Munster's "modern" world maps with the blockcutter's monogram bottom left, the main difference being in the decorative details and names.

The extremely rare item illustrated above is just one example of the many fine world maps in our stock which includes work by Waldseemüller, Munster, Ortelius and Hondius. Our illustrated catalogue is available on request.

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Regent Gallery, 10 Montpellier Arcade, Cheltenham, Gloucestershire, England



Large Scale English County Maps and Plans of Cities not printed in Atlases by R.V. Tooley

Part 5 CHESHIRE

Ch 1 Bacon, G.W.: Bacon's Map of Cheshire. G.W. Bacon & Co. Ltd Strand, London. London, G.W. Bacon, [1859-96]. 430 x 610mm. Lithograph

Scale: 1 inch = $2\frac{1}{2}$ miles

[Cover title]: Bacon's County Map Guide Cheshire. Cloth case, 6d. On Cloth, 1/- For Cyclists & Tourists From The Ordnance Survey G.W. Bacon & Co. Ltd. 127. Strand. London. pp. 16. A Guide to Cheshire By G.W. Bacon, F.R.G.S.

Ch 2 Bartholomew, J.: *Cheshire. Drawn & Engraved by J. Bartholomew & Son Edin!* George Philip & Son, London & Liverpool. London and Liverpool, G. Philip and Son, [1861]. 332 x 410mm. Lithograph.

Scale: 1 inch = $3\frac{1}{4}$ miles.

[Wrapper title]: Philip's County Maps of England & Wales, Reduced from the Ordnance Survey. Price, on sheets if folded in case, 1s. each, or mounted on linen and in cloth case, 2s. each. List of Counties Published. Middlesex Surrey Kent Essex Warwickshire Derbyshire Devonshire Sussex Lancashire Cheshire Staffordshire North Wales South Wales Hampshire London: George Philip & Son. 32 Fleet Street; Liverpool: Caxton Buildings, & 51, South Castle Street.

Other editions, 1865, 1875, 1876, 1880, 1885, 1889, 1895 and 1900.

Ch 3 [*ibid.*]: Cheshire, George Philip & Son, London & Liverpool. London and Liverpool, G. Philip and Son, [1861-85]. 332 x 410mm. Chromolithograph.

Scale: 1 inch = $3\frac{1}{4}$ miles.

[Cover title]: Philips' Cyclists' Map Of The County Of Cheshire Shewing The Main Roads Distinctly Coloured Reduced From The Ordnance Price One Shilling. George Philip & Son. 32, Fleet Street, London: And Liverpool. 160 x 100mm. Cloth.

Ch 4 *ibid.*: *Philips' New Map Of Cheshire From The Ordnance Survey. By J. Bartholomew, F.R.G.S.* [London and Liverpool, G. Philip, 1872]. 730 x 1060mm. Chromolithograph.

Scale: 1 inch = $1\frac{1}{2}$ miles. A wall map of the county.

Ch 5 ibid.: Cheshire Hunt. Published by Edwin Slater, S.^t Ann's Square, Manchester. Drawn & Engraved by J. Bartholomew, Edin.^t Manchester, E. Slater, [? 1880]. 227 x 190mm. Chromolithograph.

Scale: 1 inch = 4 miles.

[Wrapper title]: Hunting Map Cheshire Manchester Edwin Slater, St. Ann's quare. 97 x 60mm. pp.[8].

75 meeting places located.

Ch 6 Bryant, A.: Map of the County Palatine Of Chester From actual Survey, By A. Bryant, In the years, 1829, 1830 & 1831. London, Published by A. Bryant. 27, Great Ormond Street, May 37d, 1831. London, A. Bryant. 1831. In four sheets, total dimensions, 1380 x 1910mm. Copper engraving.

Scale: $1\frac{1}{4}$ inches = 1 miles.

[sheet imprint]: Published May 3rd 1831, By A. Bryant, 27 Great Ormond Street, London at bottom margin of two north sheets and outside bottom neat line of the south sheets, additionally at top margin of south-east

COUNTYPA ATIVE

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This section of P.P. Burdett's 'Survey of the County Palatine of Chester,' 1777, shows the Wirral and the town of Chester. (By courtesy of the Bodleian Library, Oxford.)



The title cartouche and part of A. Bryant's 'Map of the County Palatine of Chester', 1831. (By courtesy of the Bodleian Library, Oxford.) sheet.

[inset]: Chester Cathedral WWP

Detailed key and explanation listing 5 categories of settlement, ecclesiastical properties, parks, roads, boundaries in 4 categories, also ecclesiastical divisions.

Ch 7 Burdett, P.P.: By Permission, To His Royal Highness, George, Prince of Wales, Duke of Cornwall & Rothsay, and Earl of Chester, &c. &c. This Survey of the County Palatine of Chester, is most humbly Dedicated, by His Royal Highness's most Devoted Servant, P.P. Burdett. The Roads Meres & Commons of this map were Engraved by P.P. Burdett and the rest by T. Billinge of Liverpool. Published 1st Jany 1777 as the Act directs. [Chester, P.P. Burdett, 1777]. In four sheets, total dimensions, 1130 x 1490mm. Copper engraving.

Scale: 1 inch = 1 mile



[insets]: A Plan of the City of Chester 320 x 720mm max.

Scale: 1 inch = 180 yards.

The Series of Great Triangles reduced to an Horizontal Plane... 250 x 280mm max.

Based on Chester meridian 3° 2' W of London.

Ch 8 ibid.: Another state, as above, but without the date of publication.

Ch 9 ibid.: By Permission, To His Royal Highness, George, Prince of Wales, Duke of Cornwall & Rothsay, and Earl of Chester, &c. &c. This Survey of the County Palatine of Chester, is most humbly Dedicated, by His royal Highness's most Devoted Servant, P.P. Burdett. The Roads, Meres & Commons of this map were Engraved by P.P. Burdett and the rest by T. Billinge of Liverpool. London. Published by W. Faden, Geog! to his Majesty, and to H.R.H. the Prince of Wales, Charing Cross June 1st 1794. 2d Edition. London, W. Faden, [1777]-94. In four sheets, total dimensions 1140 x 1490mm. Copper engraving.

Scale: 1 inch = 1 mile.

[sheet imprint]: Published by W. Faden, Charing Cross, Sept! 15t 1794. Outside bottom neat line on sheet two. Original imprint on sheet three erased but traces still visible.

[insets]: A Plan of the City of Chester 320 x 320mm max.

Scale 1 inch = 180 yds.

Engraving reworked.

The Series of Great Triangles reduced to an Horizontal Plane ...

250 x 280mm max

Now includes Dee and Mersey Junction Canal and Canal from Ashton to Huddersfield.

Ch 10 ibid.: another issue. London, Published by, W. Faden, Geog. to His Majesty, and to H.R.H. the Prince of Wales, Charing Cross Sep! 15t 1818. 2d Edition. London, W. Faden. [1777]-1818. [insets]: as previously.

Now includes Peak Forest Canal and canal from Barbridge into Shropshire, the unnamed Ellesmere Canal.

Ch 11 ibid./[Stuart, J.]: The County Palatine of Chester; reduced from the Large Survey, in four Sheets, by P.P. Burdett. Copied and Engraved by James Stuart, Chester, London, Published by W. Faden, Geog! to His Majesty and to H.R.H. the Prince of Wales, Charing Cross, Sept! 1.5t 1794. London, W. Faden, 1794. 495 x 695mm. Copper engraving.

Scale: 1 inch = 2 miles.

Shown on meridian of Chester, 3° 2' W of London.

Roads, main settlements etc.

Ch 12 [ibid.]/Stuart, J.: Map of the County Palatine of Chester. Delin. & Engr. by James Stuart. Chester, 1794. Chester, J. Stuart, 1794. 495 x 695mm. Copper engraving.

Scale: 1 inch = 2 miles.

Identical, except for the title, to Stuart's reduction of Burdett's large map, published by W. Faden in 1794.

Ch 13 Collins, H.G.: *Cheshire. London, Published for the Proprietors, by H.G. Collins, 22 Paternoster Row.* London, H.G. Collins, [1813-?52]. 360 x 430mm.

Scale: 1 inch = $3\frac{3}{4}$ miles.

[Wrapper title]: none found.

Lithographic transfer of Robert Rowe's atlas map of 1813, with foliated border and railways added, along with a new title, as adapted for the Teesdale issues, 1829-42.

Ch 14 Cruchley, G.F.: Cruchley's Railway & Telegraphic Map of Cheshire showing all the Railways & Names of Stations, Also the Telegraph Lines & Stations, Improved from the Ordnance Surveys. London, Published by G.F. Cruchley, Map Seller & Globe Maker, 81, Fleet Street. January 1.8t 1855. London, G.F. Cruchley, [1801]-55. 480 x 548mm. Lithographic transfer.

Scale: 1 inch = 3 miles.

Lithographic transfer of John Cary's atlas map of 1801, with new title and railways heavily superimposed on the map area and in surrounding counties.

Ch 15 ibid.: Cruchley's Railway And Station Map of Cheshire Showing all the Railways & Names of Stations, Also The Turnpike Roads, Gentlemens Seats, &c. &c. Improved from the Ordnance Surveys. London. Published By G.F. Cruchley Map Seller & Globe Maker, 81, Fleet Street. London, G.F. Cruchley, [1801-69]. 480 x 548mm. Lithographic transfer. Scale: 1 inch = 3 miles.

[Wrapper title]: Cruchley's Railway And Telegraphic County Map of Cheshire ... Sixpence colored... G.F. Cruchley, Map Publisher and Globe Manufacturer, 81, Fleet Street. Sold By All Booksellers & Railway Stations.

Later issue of 1855 transfer, with scale moved to bottom-right, lozenge

removed and explanation moved to bottom-left with space vacated filled in with railway lines. New railways shown.

Ch 16 ibid.: Cruchley's County Map Of Cheshire Showing all the Railways & Names of Stations, Also The Villages, Turnpike Roads, Gentlemens Seats &c. &c. Improved from the Ordnance Surveys. London: Published By Gall & Inglis, 25, Paternoster Square. Edinburgh: Bernard Terrace. London and Edinburgh, Gall and Inglis, [1801-83]. 480 x 548mm. Lithographic transfer.

Scale: 1 inch = 3 miles.
[in]: Harrison's 'Finger Post' Bicycle Road Guide And County Map of Cheshire, Showing The Roads, Railways, Villages, Parks, Gentlemen's Seats &c. Based On The Ordnance Survey ... E. Harrison & Co., 259 Oxford Street, London. Established 1820. Price Two Shillings. pp. viii + 123, 180 x 112mm. Cloth.

Another lithographic transfer of the 1801 Cary map. Scale retained at bottom-left, explanation moved to left corner, railways and stations added, advertisements printed in outer margins, and on verso.

Ch 17 Dix, T.: A New Map of the County Palatine of Chester, Divided into Hundreds, By M. Tho. Dix. Published June 12, 1830, by W. Darton, Jun. 58 Holborn Hill, London. London, W. Darton, [1818]-30. 350 x 440mm. Copper engraving.

Scale: 1 inch = $3\frac{3}{4}$ miles.

[Wrapper title]: Cheshire. By Tho. Surveyor, North Walsham. London; William Darton, Holborn Hill.

Standard engraved label, county name printed in red letterpress. [inset]: Chester Bridge; — St John's Church; and the City mills.

Ch 18 Greenwood, C.: Map of the County Palatine of Chester. from an Actual Survey made in the Year 1819. By C Greenwood, Leicester Sq.re London. Published by the Proprietors W.^m Fowler, Wakefield, & C. Greenwood. June 15.th 1819. To the Nobility Clergy & Gentry of Cheshire, This Map of the County Is most respectfully Dedicated by The Proprietors. Wakefield, W. Fowler and London, C. Greenwood, 1819. In 4 sheets, total dimensions, 1184 x 1502mm. Copper engraving.

Scale: 1 inch = 1 mile.

*Corrects error of longitude so that long. 3°W now passes west of Birkenhead, instead of east of Chester as in earlier surveys, cf. Burdett,

Ch 19 [Great Britain: Ordnance Survey]: Ordnance Survey of England and Wales. Cheshire. Old series. Sheets 72, 73, 79, 80, 81, and 88. Scale: 1 inch = 1 mile.

London, Ordnance Survey Office, 1805-44.

Ch 20 ibid.: Another edition. [?1853].

Ch 21 ibid.: Another edition. 1862-74.

Ch 22 [Great Britain: Ordnance Survey of Cheshire]: Surveyed 1870-78. 66 sheets, index.

Scale: 6 inches = 1 mile.

Southampton, Ordnance Survey Office, 1881-82.

The first six-inch survey.

Ch 23 ibid.: Second edition. Revised 1896-98. 224 sheets. Southampton, Ordnance Survey Office, 1898-1900.

Ch 24 ibid.: Surveyed 1870-75. 17 vols. Scale: 1:2500 or 25.344 inches = 1 mile.

Southampton, Ordnance Survey Office, 1870-80. Arranged in parishes. The first 25 inch survey, the most complete and detailed mapping.

Ch 25 ibid.: Second edition. Revised 1896-98. 16 vols. Southampton, Ordnance Survey Office, 1897-99. Arranged numerically.

Ch 26 [Great Britain: Ordnance Survey]: Ordnance Survey of England and Wales. Geological Survey of England and Wales. London, Ordnance Survey, [1834]. Electrotype, coloured.

Scale: 1 inch = 1 mile.

Sheets 72, 73, 79, 80, 81 and 88.

Ch 27 ibid.: Another edition. Drift edition. London, Ordnance Survey, [n.d.]. Sheets 79, 80 and 81.

Ch 28 [Pittman, J.P.]: Places Of Meeting Of The Cheshire Hunt. [London, J.P. Pittman, 1862]. 230 x 180mm. Copper engraving. Scale: 1 inch = 4 miles.

[in]: Places Of Meeting In The Cheshire Hunt. 63 x 55mm. pp.[16]. 59 meeting places located.

Ch 29 [Simpkin, Marshall & Co.]: Official Map Of Cheshire. W.J.

Freeman, Steam-Lith.^o 2, Old Swan Lane, Upper Thames S.^t E.C. London, [Maclure & Macdonald, 1818-77]. 350 x 440mm. Lithographic transfer, coloured.

[Wrapper title]: Cheshire The Official County Map & Guide Its Railways Telegraphs, Roads, Rivers, Canals, Market Towns, Hotels & Also Postal & Parliamentary Guide. One Shilling. Maclure & Macdonald, Lith.rs London. [London, Simpkin, Marshall & Co., 1877]. pp.[44]. 183 x 115mm.

Lithographic transfer, altered, of T. Dix's map of 1818.

Ch 30 Smith, C.: A New Map of the County Palatine of Chester Divided into Hundreds. London Printed for C. Smith N.º 172 Strand. Jones & Smith sc. London, C. Smith, [1801]-21. 460 x 504mm. Copper engraving. Scale: 1 inch = 3 miles.

Later issued in Smith's New English Atlas, 1808, 1818, 1821, 1827, 1834, 1841, 1842, with progressive revision of later issues, and lithographed in

1864.

Ch 31 ibid.: Another edition. Map of Cheshire Shewing All The Railways & Stations and the Parliamentary Divisions. London, Smith & Son, 63 Charing Cross. London, Smith & Sons, [1801-64]. 462 x 515mm. Lithographic transfer.

Scale: 1 inch = 3 miles.

[Wrapper title]: Smith & Sons New Series of County Maps. Cheshire. Smith & Sons, Map & Globe Publishers, 63 Charing Cross, S.W.

Ch 32 Swire, W. and W.F. Hutchings: A Map Of The County Palatine Of Chester, Divided into Hundreds & Parishes. From an accurate Survey, Made in the Years 1828 and 1829. by W. Swire and W.F. Hutchings, London. London, Published By Henry Teesdale & C.º 302 High Holborn July 1.st 1830. Engraved by J. Dower Cumming Place Pentonville London. London, H. Teesdale, 1830. In four sheets, total dimensions, 960 x 1312mm. Copper engraving.

Scale: 15/8 inches = 2 miles.

[inset]: South West View of Chester Cathedral. W. Woolnoth Sculp.t. Detailed key, 3 categories of boundaries, 4 of settlements, parliamentary representation, roads, ecclesiastical properties, parks, etc.

Ch 33 Williams, J.: Cheshire. Map, Shewing The Situation Of The Townships In the County. By James Williams, County Auditor, Chester. 1888. Published by Phillipson & Golder, Chester. Chester, Phillipson and Golder, 1883. 650 x 990mm. Lithograph.

Scale: $1\frac{3}{4}$ inches = 3 miles. Administrative sketch map.

DISTRICT MAPS

Ch 34 [anon]: Manchester Ship Canal, Session, 1888. Lithographed By G. Falkner & Sons. Manch! Manchester, G. Falkner, 1888. 780 x 1052mm. Chromolithograph.

Scale: 1 inch = 1 mile

Manchester Ship Canal overprinted in red, showing main locks.

Ch 35 Boddington, H.: The Proposed Manchester Ship Canal, Shewing:-Map Of The District, Map Of The British Isles, Sections And Plan Of The Ship Canal, with Map of Manchester, Salford, and the Out-Townships forming Greater Manchester, And Explanatory Notes. Printed For Henry Boddington, Junr. Strangeways Brewery, Manchester, By Grant & Co., London, November, 1882. Manchester, H. Boddington, 1882. 522 x 755mm. Chromolithograph.

Scale: [1 inch = 2 miles].[Wrapper title]: as main title.

Ch 36 The Guardian: The Manchester Ship Canal. Warrington Sections Shewing The Proposed Alterations In The Course Of The Canal, River Mersey, Railways, Roads, & Supplement To The 'Guardian' December 8.th 1883. [Manchester], 1883. 540 x 870mm. Lithograph. Scale: [1 inch = 110']

Ch 37 Thompson, G.P.: Plan For Manchester Ship Canal, By Harcourt Thompson, Esq., C.E., 22, Victoria Buildings, Deansgate, Manchester. G.F. Thompson Del. Guardian - Litho. Manchester. Price, with Letterpress Description, 1s. On Canvas, varnished, with rollers, 2s. 6d. [Manchester, H. Thompson, 1883]. 640 x 950mm. Chromolithograph, letterpress appendix.

[with text]: Manchester Ship Canal. New Scheme. (Reprinted from the Manchester Weekly Post' of November 10.th 1883).

TOWN PLANS

Ch 38 Altrincham: [Ordnance Plan of the Town of Altrincham]. Scale: 1:500 or 10.56' = 1 mile.Southampton, 1878. 24 sheets, with index sheet.

Chester:

H E

The Cheshire section of a map showing the proposed Manchester ship canal. It states on the map that it was printed 'for Henry Boddington, Junr. Strangeways Brewery, Manchester,' and is dated 1882. (By courtesy of The British Library.)

Ch 39 [Batenham, G.]: A Plan of the City of Chester. [Chester, G. Batenham, 1823]. 140 x 168mm. Copper engraving.

Scale: [1 inch = approximately 400 yds].

[in]: The Stranger's Companion In Chester. A New Edition. Chester. Printed For G. Batenham, By Evans And Son, Fore-gate Street. 150 x 95mm.

Ch 40 Bayne, J.: Plan of The City And Liberties Of Chester. With Recent Additional Buildings, Printed & Published by J. Bayne, 3, Bridge S! Row Chester, Entered at Stationers Hall. Eng. by F. Street, Manchester. Chester, J. Bayne, [1855]. 240 x 330mm. Lithograph.

Scale: 1 inch = approx. 10 chains.

[in]: The Visitor's Guide To Chester ... Chester : James Bayne, 3, Bridge Street Row.

[Wrapper title]: Bayne's Visitor's Guide In Chester. Price Sixpence.

Ch 41 [Brayley, E.W.]: A Plan of the City of Chester with the recent improvements. Engraved by Geo. Batenham Jun! Chester. [Chester, G. Batenham, 1805-21]. 187 x 230mm. Copper engraving.

Scale: [1 inch = 300 yards].

[inset]: The Dee Bridge & Mills as they appeared March 7. 1819.

[in]: The Stranger's Companion In Chester; London: Printed by C. Kerwood, John Street, Edgware Road, For G. Batenham, At The North Gate, Chester. 1821. 142 x 90mm. Close copy of Brayley (1805).

Ch 42 ibid.: Chester. Drawn and Engraved under the direction of E.W. Brayley. Published by John Sleacomb, Bookseller, Chester, 1822. Chester, J. Sleacome, [1805]-22. 176 x 228mm. Copper engraving.

Scale: 1 inch = 300 yards.

[inset]: Ancient Towers with part of the Bridge and City Wall, Chester. J. Storer Sc.

[in]: The City ... Chester: Printed For John Sleacome, 25 Bridge Street Row

Ch 43 ibid.: Another issue. Lithographic transfer, without imprint, [n.d.], [1851].

[inset]: Water Tower, Chester

Now shows railway station, Crewe and Holyhead railways superimposed on existing detail without erasures.

[in]: The Chester Guide: Containing A Copious History of the Antiquities and Public Buildings of the City ... Chester: George Pritchard. 160 x 100mm.

Ch 44 De Lavaux, A.: Plan of the City & Castle of Chester Survey'd and Drawn By Alexander De Lavaux Engineer. To the R.t Hon.ble George Earl of Cholmondely Goveror & Chamberlain of the City and Castle of Chester, & Lord Lieutenant and Custos of the said County, This Plan is most humbly Inscrib'd by His Lordship's most obed.t and most Devoted Servant Alexander De Lavaux. R. Parr sculp. [Chester, 1745]. 620 x 900mm. Copper engraving.

Scale: 1 inch = 5 chains, or $18\frac{1}{2}$ inches = 1 mile.

Ch 45 De Lavaux, A.: A Plan of the Castle of Chester with the additional New Works Erected by Order of the R.^t Hon.^{ble} The Earl of Cholmondely, whereunto is added a Project of four Bastions in order to defend the antient Walls Against a regular Seige. To His Royal Highness The Duke of Cumberland Captain General of all His Majesties forces, &c. &c. &c. This Plan is most humbly Dedicated by His Royal Highnesses most Obedient and most Devoted servant Alexander De Lavaux. R. Parr sculp. [Chester,

1745]. 610 x 780mm. Copper engraving.

Scale: 1 inch = 25 ft.

Ch 46 [Evans, W.H.]: New Illustrated Plan of The Ancient City of Chester. Evans & Gresty, Engravers, Chester. [Chester, W.H. Evans, 1869]. 475 x 500mm, including surrounding vignettes. Lithograph. [inset]: Eaton Hall, East Front.

[vignettes]: Eastgate Street, Chester; The Cemetery; Chester from Curzon Park; Castle Barracks, & Courts of Assize, Chester; Training College, Chester; Westgate Street Row South, Chester; King Charles Tower. City Walls Chester; Water Tower & Museum, City Walls, Chester; Ruins- S.t. John's Priory, Chester; Chester Cathedral; The Cloisters, Chester Cathedral; Old Houses, Watergate Street, Chester, A.D. 1652.

[in]: The Chester Guide And Handbook To Eaton Hall ... London: Groombridge And Son And All Booksellers. Chester: Printed And Published By William Henry Evans, Eastgate Row North. 165 x 100mm.

Ch 47 [Great Britain: Ordnance Survey]: Chester. Zincographed at the Ordnance survey Office under the superintendance of Capt.ⁿ R.M. Parsons R.E.F.R.A.S. Col. Sir H. James R.E.F.R.S. &c. Director. Southampton, Ordnance Survey Office, 1868. 335 x 224mm. Zincograph, outline coloured to indicate boundary categories.

Scale: 2 inches = 1 mile.

[Accompanies] Borough of Chester, Chester. Report of the Borough of

Chester, pp. 2.
Shows Parliamentary constituency boundary 1832, proposed 1868 boundary, municipal boundary, parish and township boundaries.

Ch 48 [Hollar, V.]: The ground-plott of Chester, W. Hollar fec. [London, J. Streater for D. King, 1656]. 250 x 285mm. Copper engraving. Scale: $1\frac{1}{2}$ inches = 300 paces.

[inset]: The Prospect of Chester the South-West Side. 70 x 285mm; The Map of Cheshire, 67 x 72mm.

[in]: The Vale-Royall Of England. Or, The County Palatine of Chester Illustrated ... Published By Mr. Daniel King ... London, Printed by John Streater, in Little S. Bartholemews, and are to be sold at the Black - spread - Eagle at the West-End of Pauls, 1656.

Ch 49 Hunter, J.: A Plan of the City of Chester. J. Hunter Delin: & Sculp. [Chester, P. Broster, 1782]. 155 x 192mm. Copper engraving.

Scale: [1 in: approx. 300 yards].

[in]: The Chester Guide: Or, an Account of the Antient and present State of that City ... Chester: Printed And Sold By P. Broster, In the Exchange; And Also Sold By T. Longman, Pater Noster Row, London, And By All The News Carriers. 1782. 145 x 90mm.

Ch 50 Murray and Stuart: A New & accurate Plan of the City of Chester. Delin. & Engr. by Murray & Stuart, Chester. Published as the Act directs 1.5t October, 1791, by Jn.º Poole. [Chester], J. Poole, 1791. 245 x 345mm.

Scale: 1 ft 8 inches = 10 chains.

Ch 51 Pullan, T.: Pullan's Pictorial Plan of Chester, City Walls, and Race-Course, the only walled City in Europe, with Public Promenade perfect in its entire circuit; and within half an hour's ride of Liverpool. C. Branston, Sc. London. Chester, T. Pullan, [1851]. 445 x 557mm. Wood engraved.

Scale: [1 in: approx. 20 chains].

[vignettes]: The General Railway Station; Chester and Manchester Training College.



The left hand section of Samuel Weston's 'Survey of the Ancient and Loyal City of Chester', showing the castle, cathedral and Bishop's Palace. It also states in the area titled 'Roodee' that there is a 'starting chair for Aged Horses,' a 'starting chair for four year old colts' and a 'distance chair.' It would be interesting to hear from anyone who can explain exactly what these 'chairs' were for. (By courtesy of the Bodleian Library, Oxford.)

[Wrapper title]: Pullan's Pictorial Plan; With Hand-Book, of Chester, City Walls, And Race-Course; Antiquities, Interesting Particulars, &c. ... Chester: Printed, And Sold By T. Pullan, County Court Buildings, Watergate Street; By All Booksellers; And All Railway Stations. 1851. 170 x 110mm.

Ch 52 Weston, S.: By Permission, To His Royal Highness, George Prince of Wales, Duke of Cornwall & Rothsay, and Earl of Chester, &c. &c. This Survey of the Ancient & Loyal City of Chester. is most humbly Dedicated, by His Royal Highness's most Devoted Servant, Jas Hunter. Surveyed by Sam. Weston, & Engraved by Jas Hunter, Chester. Published as the Act directs 1789. [Chester, J. Hunter], 1789. In 2 sheets, 635 x 900mm. Copper engraving.

Scale: 1 in = $3\frac{1}{2}$ chains.

Ch 53 Willis, W.: *Pictorial Plan of Chester. Drawn & Engraved by W. Willis. Published By Catherall & Pritchard,* [1860]. 305 x 415mm map area; 445 x 590mm including border vignettes. Chromolithograph. Scale: 1 in = 7 chains.

[Card wrapper title]: Pictorial Plan Of Chester. Price One Shilling Chester — Catherall & Pritchard W. Banks & Son Edin!.

Ch 54 Congleton: [Ordnance Survey Plan of the Town of Congleton]. Scale: 1:500 or 10.56 feet = 1 mile. Southampton, [1876]. 13 sheets, with index sheet.

Ch 55 Macclesfield: [Ordnance Plan of the Town of Macclesfield]. Scale: 1:500 or 10.56 feet = 1 mile. Southampton, 1874. 29 sheets, with index sheet.

Ch 56 Malpas: [Ordnance Plan of Part of the Parish of Malpas]. Scale: 25.344 inches = 1 mile.

Southampton, 1878. 24 sheets, with index sheet.

Ch 57 Middlewich: [Ordnance Plan of the Town of Middlewich]. Scale: 25.344 inches = 1 mile. Southampton, 1878. 4 sheets, with index sheet and Area Book.

Ch 58 Nantwich: [Ordnance Plan of the Town of Nantwich]. Scale: 1:500 or 10.56 feet = 1 mile. Southampton, 1878. 7 sheets, with index sheet.

Ch 59 ——: [Ordnance Plan of the Parish of Nantwich]. Scale: 25.344 inches = 1 mile. Southampton, [1877]. 11 sheets, with index sheet.

Ch 60 Sandbach: [Ordnance Plan of the Parish of Sandbach]. Scale: 25.344 inches = 1 mile. Southampton, [1877]. 11 sheets, with index sheet.

Ch 61 Stockport: [Ordnance Plan of Stockport]. Scale: 5 feet = 1 mile. Southampton, 1851. 12 sheets.

Ch 62 ——: Another edition, 1878.

Ch 63 ———: Another edition, 1895.

Ch 64 ———: [Ordnance Plan of the Parish of Stockport]. Scale: 25.344 inches = 1 mile. Southampton, 1874. 5 sheets, with index sheet and Area Book.

Ch 65 ———: [Ordnance Plan of the Parish of Stockport]. Scale: 25.344 inches = 1 mile. Southampton, 1876. 20 sheets, with index sheet and Area Book.

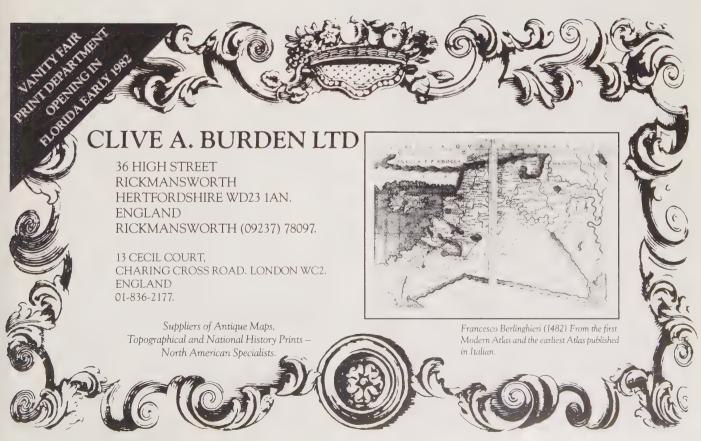
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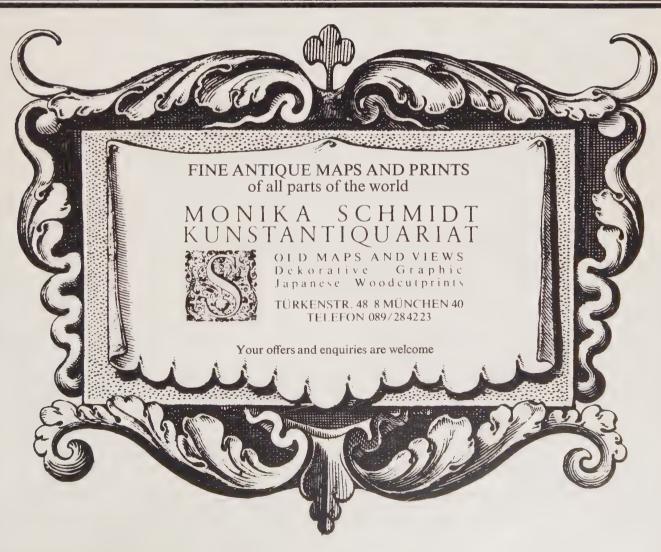


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New Saxton Discoveries

by Heather Lawrence (co-author of 'Christopher Saxton, Elizabethan Mapmaker')

HOW MANY MANUSCRIPT MAPS and surveys by Christopher Saxton still remain unrecognised — or simply unrecorded — in the vast archive collections in England and the United States? We shall probably never know the answer, but it is my belief that there are many more than at first thought, a conclusion reached after considering the haphazard way in which hitherto unknown maps have been 'discovered'. The variety of locations where such documents have been found — the majority uncatalogued, and the differing circumstances for which each was made, make a systematic search impossible.

Several new items have come to light since the publication of the book on Christopher Saxton.¹ Two maps, both of locations in Yorkshire, have been found. The first, dated 1605, is of Harthill near Rotherham in the south of the county where Saxton was employed to map a watercourse on which a new mill had been erected. A dispute, basically over water rights, was taken to the Court of Wards, and Saxton employed to map the area in question: the first record of his being employed in a case before the Court of Wards. The map survives in the Duke of Leeds archives at the Yorkshire Archaeological Society.² The second map is of land owned by the ninth Earl of Northumberland in two villages, Leconfield and Scorborough, to the north of Beverley in the East Riding of Yorkshire. This map is dated 1591 and is thus several years earlier than the other two maps (of Spofforth) which Saxton executed for the Earl. It may be that Saxton was employed on an

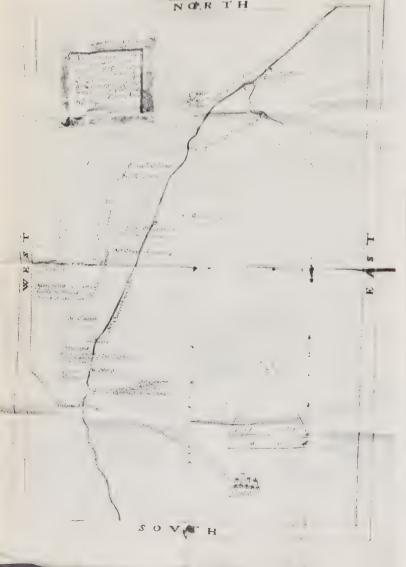
almost regular basis by the Earl, as he was by the Savile family and the Governors of St Thomas's Hospital, to map their estates as the necessity arose. The map shows the Earl's estate and contains some comments concerning land usage and animal husbandry on the face of the map. It is in the Duke of Northumberland's archives at Alnwick Castle.³

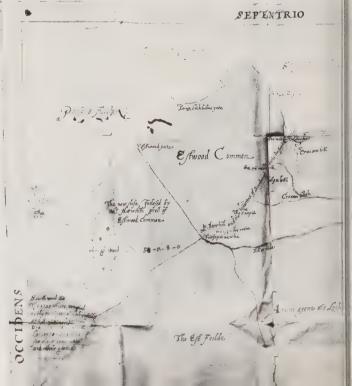
A newly discovered written survey by Saxton is of the glebe land of the parish of Kirby Underdale to the north-east of York. It is written out by the parson in his parish register and is dated March 1592/3.4 It is interesting that in this survey Saxton employs acres, roods, dayworks, perches and parts of perches (probably 16 parts to a perch), a measurement not used by Saxton elsewhere.

Two other commissions escaped notice in the list of manuscript maps and surveys compiled in 1979, though previously noted by Skelton. The first, Saxton's earliest known local surveying work following the publication of his atlas and wall-map of England and Wales, was concerned again with disputed land, this time in a case before the Commissioners of Sewers for Holland in Lincolnshire. John Hexam had already made a map of the area, but unfortunately neither his map nor one by Saxton can now be traced; simply the record, dated March 1585/6, that Hexam was required by the Commissioners to present his map, and that the plaintiffs may employ Christopher Saxton to make another if they so wished, and at their own charge. The area to be mapped was simply described as 'the Moore or Wast in Varyaunces' and the Court was to sit at Boston the following August.⁵

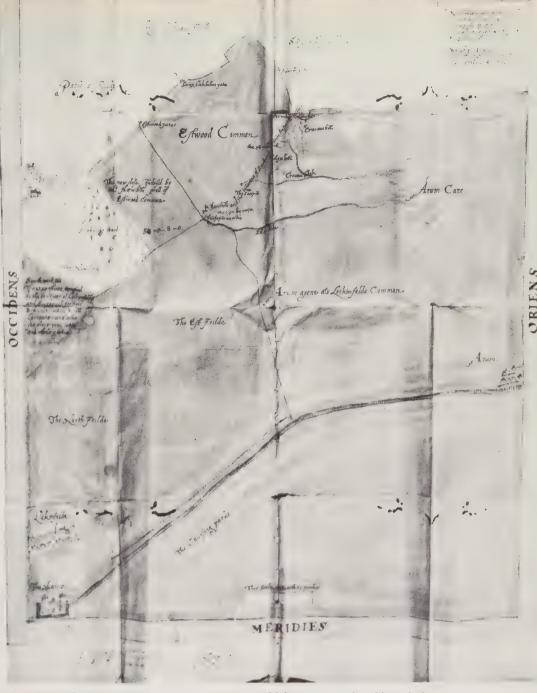
The second commission, possibly Saxton's last employment before his death, was from the Duchy of Lancaster Court to survey Scholes Wood at Barwick-in-Elmet in the West Riding of Yorkshire in March 1609/10. On this occasion Saxton worked with William Currer, surveyor of Crown lands in the North for the Duchy, with whom his son, Robert Saxton, later surveyed Tanshelf near Pontefract, again part of the Duchy of Lancaster. Christopher Saxton and Currer were to measure the contents of the wood and ascertain how many trees had been felled and how many stolen. It was, presumably, part of the nationwide assessment of Crown

Christopher Saxton's map of Harthill near Rotherham which was found recently. This map is dated 1605 and shows a watercourse on which a new mill has been erected. There was a dispute over water rights and Saxton was commissioned to map the area. (By kind permission of Yorkshire Archaeological Society.)





Another map by Christopher Saxton which has come to light recently. This map is of two villages, Leconfield and Scorborough, which lie to the north of Beverley in the East Riding of Yorkshire and is dated 1591. It shows the Earl of Northumberland's estate, in which these two villages were situated, and contains comments on land usage and animal husbandry. (By kind permission of the Duke of Northumberland. Photo by George Skipper.)



SEPENTRIO

The left side of the Leconfield and Scorborough map showing Estwood Common and various fields. The script on the left says, 'Southwood, als The Oxpasture, occupied by the tenants of Leckynfelde and Scorbrugh for their Draught cattell until Lammas: and after for their yong cattle and other goodes.' Also a close-up of the dedication showing Saxton's name and the date. (By kind permission of the Duke of Northumberland. Photo by George Skipper.)

property which commenced at this period.

Finally, it is pleasing to record here the rediscovery of the written survey of Methley which could not be traced in 1979. It is bound into the Commonplace Book of Sir John Savile of Methley which contains a collection of documents relating to the family of the Earl of Mexbrough and their lands in the district. The book is in the John Rylands Library, Manchester and was formerly owned by Sir Thomas Philips.7

The addition of these recent discoveries now raises the total of known Saxton manuscript maps to twenty-eight (including authentic copies), with seventeen written surveys and evidence of a further ten having been prepared. Further details of all the above, with a discussion of their historical background, appears in the forthcoming volume of the Yorkshire Archaeological Society Journal.8

References:

- Christopher Saxton, Elizabethan Mapmaker by Ifor M. Evans and Heather Lawrence (1979).
- DD5/3/374
- X116 Box 4 Item A
- Borthwick Institute of Historical Research, York: PR. K/U.1.
- Central Reference Library, Lincoln: MS Fens Antiquities Vol. 1 pp. 215-6. Public Record Office: DL 5/25 f98-9.

- Yorkshire Archaeological Journal Vol. 53 (1981) 'New Maps and Surveys by Christopher Saxton' by Heather Lawrence and Richard Hoyle.

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Test your skill and knowledge of maps by identifying the six photographs below. Prizes are reference books on the subject of cartography (of your choice) to the value of £50 for the winner; the value of £30 for the runner up and the value of £15 for the entrant who comes third.

All you have to do is decide which of the twelve alternatives below are the six correct captions for the items illustrated. Write your answers please (e.g. A = 4, B = 8 etc) on a postcard together with your name and address and send them to 'Christmas Competition', The Map Collector, Church Square, 48 High Street, Tring, Herts HP23 5AE. Entries must be in by March 1st, 1982. In the event of a tie there will be a draw to decide the winner.

NB This competition is not open to any employees or relatives of employees of Map Collector Publications





- 3 Jansson 1650
- 4 De Wit 1680
- 5 Walton c1658
- 6 Blaeu 1662
- 7 Homann 1710
- 8 Scherer 1700
- 9 Pinargenti 1580
- 10 Gastaldi 1560
- 11 Bonifacio 1580
- 12 Speed 1627











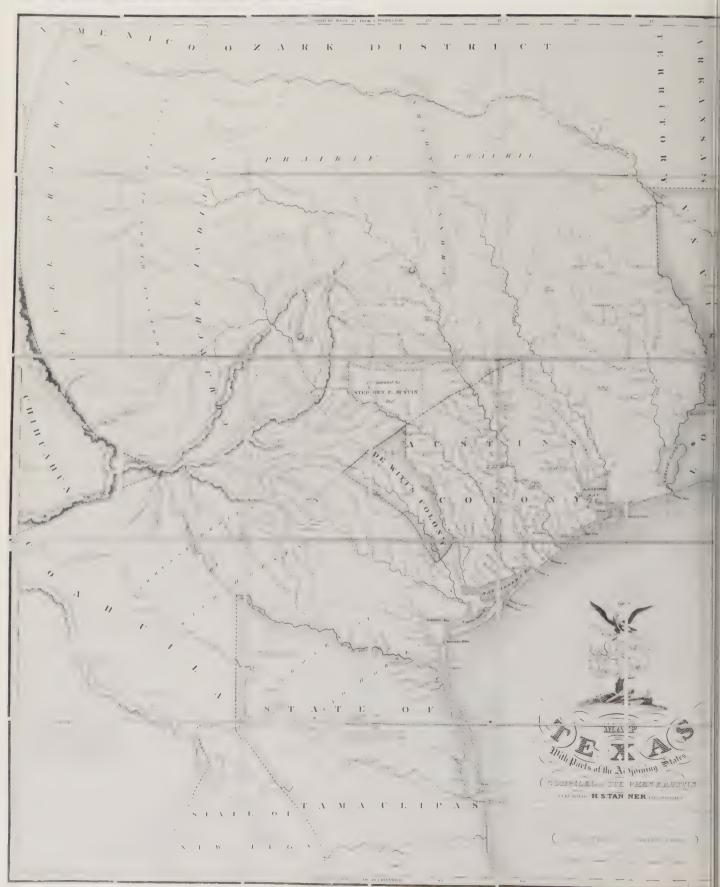




Crossroads of

The author of this article, Preston Figley, who has been closely involved with the exhibition 'Crossroads of Empire'.

This 'Map of Texas with Parts of the Adjoining States' compiled by Stephen F. Austin (Tanner, Philadelphia, 1830) played a pivotal role in Texas ultimately becoming a part of the United States. It is truly a map which influenced the course of history. (By courtesy of San Jacinto Museum.)



Empire by Preston Figley.

The fascinating story behind the maps being displayed in a new American Exhibition.

MORE THAN FOUR centuries ago a ragged skeleton of a man fell into the arms of Spanish conquistadores in New Spain with a harrowing tale of eight years lost among the Indians of an unknown land. The man was Alvar Núñez Cabeza de Vaca, a shipwrecked Spanish nobleman. The land was Texas.

With this dramatic episode dawned the European dream of riches to be won in the American Southwest for Cabeza de Vaca also related Indian stories of cities of gold. The stories were soon confirmed and embellished by an inquisitive Jesuit, Fray Marcos de Niza, who was told (doubtless by the same Indians) that there were seven such fabulous cities, among them Cibola and Quivira. The Seven Cities of Gold were duly placed upon the map, there to remain long after Francisco Coronado's hot, dusty, fruitless two-year search had proved them myths.

The first exhibition ever to bring together the great historical maps of Southwestern discovery, exploration and settlement had its premiere recently at the Amon Carter Museum of Western Art in Fort Worth, Texas. Called 'Crossroads of Empire: Early Printed Maps of Texas and the Southwest, 1513-1900,' the show has now embarked on a two-year journey to ten other Southwestern museums (see timetable below).

Co-sponsors of the show, with the Amon Carter Museum, are the Cartographic History Library at the University of Texas, Arlington, and the San Jacinto Museum of History, Houston. James C. Martin, director of the San Jacinto Museum and map scholar Robert S. Martin have collaborated on the exhibition's forthcoming catalogue.

'Crossroads of Empire' has been made possible by a grant from Justin Industries, Inc., of Fort Worth, a multi-industry company best known for its century-old line of cowboy boots.

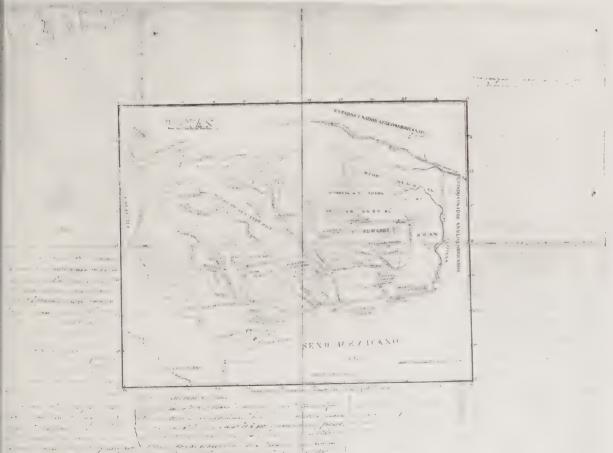
The exhibition's fifty maps range from the crisply informative to the fuzzily speculative, and from the ornate beauty of the classic golden age of cartography to the simple trail maps of nineteenth century U.S. Army reconnaissance. All illuminate more than four colourful centuries of the discovery of an unknown land, its slow penetration by the Spanish and then by others, the secrecy and the fighting, the greed for gold, the political disputes, the land-hungry settlers and the inexorable westward march of the American empire. They are maps which not only reflect this history, but which also helped influence its course.

In 1822, Stephen F. Austin made a desperate journey to Mexico City in an attempt to save his father's dream, and his own, of opening Texas (then part of Mexico) to settlers from the United States. Mexico had won its independence from Spain just the year before. Austin's grant from the former Spanish government was therefore in jeopardy, as were the few families already settled in Texas. Furthermore, the new Mexican government was besieged by foreign speculators seeking to win concessions enabling them to exploit Texas' vast expanse.

To aid his cause with the Mexican authorities, Austin drew a map of Texas for them — vowing that if his grant were reconfirmed, he would return and improve upon the map to give Mexico the best depiction yet of Texas. They agreed. By 1824, Austin's promotional skills and his first map had attracted nearly all of the initial 300 settlers allotted. By 1829, he had fulfilled his promise to the Mexicans, refining his earlier effort and producing the best large-scale map of Texas to that date. It was printed in the following year by the important Philadelphia publishing firm of H.S. Tanner, receiving wide distribution, and becoming a beacon for still more settlers.

Indeed, such was the influx of 'Anglos' that the Mexican government became concerned about its control of the distant province. It dispatched Manuel de Mier y Terán to Texas to investigate, and to inform them about the extent of Austin's activities. In discharging his duties—and he discharged them well—Terán did, however, become friendly with Austin.

This link is brought to life by a unique map in the show, titled simply 'Texas', by the engraver Galli and publisher Linati of Mexico City. Dated 1826, it is the first separately printed map of Texas and the only copy known. Apparently Terán had this map with him, for in its margins are manuscript notes in his hand, citing corrections to the map ... corrections passed along to his new



One of the maps on display in the exhibition 'Crossroads of Empire' is this one of Texas by Fiorenzo Galli, Mexico City, 1826. It is the only known copy and was the first separate map of Texas. It bears manuscript corrections by Manuel de Mier y Terán which were later incorporated into Stephen F. Austin's great map. (By courtesy of Barker History Center, UT.)

friend Austin, who then incorporated them in his famous map.

Of course Mexico's fears about the growing Anglo influence in Texas were well founded. Texas' unruly settlers warred with their mexican governors, first suffering a glorious defeat at the Alamo, but then creating a republic (1836-1845) recognized around the world. In December 1845 Texas became the 28th state of the United States, with a unique proviso enabling it to split into five separate states any time it wishes. It has never shown the slightest desire to do so.

The earliest map in 'Crossroads of Empire' is Martin Waldseemüller's 'Tabula Terre Nova' of 1513. It represents an attempt by its maker to alter a course of history he himself had set. In 1507 Waldseemüller honoured Amerigo Vespucci by placing the name America upon a map. Later, the German monk decided that Christopher Columbus deserved equal billing, and he indicated this on his map of 1513. Too late. By then the name America had caught on.

The real and the supposed riches of the Southwest stimulated more than three centuries of struggle for the land between European powers, a tug-of-war fully reflected in their mapping of the region ... with the French pushing their borders west beyond Louisiana ... the English pushing them back, and the Spanish ... well, the Spanish knew how to keep a secret. They were the first Europeans to 'find' the Southwest, and what they knew was too valuable to squander in petty publishing wars.

Every Spanish voyage and expedition was charged with making maps, and the Archives of the Indies in Seville was charged with locking them up. As a result, even Spanish expeditions often were not equipped with up-to-date maps, and had to make their own mistakes.

For the collector, then, Spain's early cartographic products are among the rarest of all maps depicting the American Southwest. One such map in 'Crossroads of Empire' is typical: Antonio Herrera y Tordesillas' 'Description de la Yndias del Norte' (1601) is purposely vague and unspecific. Herrera, official historian of the Spanish court, knew the wishes of his masters.

Spain was also responsible for making California an island,

stemming from the Dutch interpretation of a captured Spanish chart. And Spain, through the redoubtable Father Eusebio Kino's map of 1705, 'Passage par terre A la Californie,' also was responsible for reattaching California to the mainland.

While it would seem difficult to ignore a man who has walked overland to California, it was typical of cartographers that many paid little attention to Kino. It took Ferdinand VII to put an end to the nonsense through a royal edict in 1747 declaring Californiae part of the mainland. Still, England's Richard Seale, stubborn or more likely lazy, persisted in showing it as an island as late as 1785. In this way collectors' items are born.

A number of maps in 'Crossroads of Empire' illustrate the concept of an insular California, but the show's centerpiece is not a map but a globe — a magnificent globe, dated 1688, by Father Vincenzo Maria Coronelli, Royal Cosmographer of the Republic of Venice. On it is one of the finer depictions of California as an island.

Also, in showing the Mississippi River as flowing through Texas, Coronelli reflected another current concept which may have led to the tragedy of the Sieur de la Salle's murder in 1687, The La Salle expedition, seeking the mississippi, landed on the Texas coast. In their subsequent struggles to find the river, La Salle's men soured and turned upon him beside another river, the Brazos, in Texas.

Many maps take note of this event, among them the minor but beautiful 'Les Costes aux Environs de la Riviere de Misisipi,' (1705) by La Salle's countryman Nicolas de Fer. Its' fine cartouchet depicts the death of La Salle.

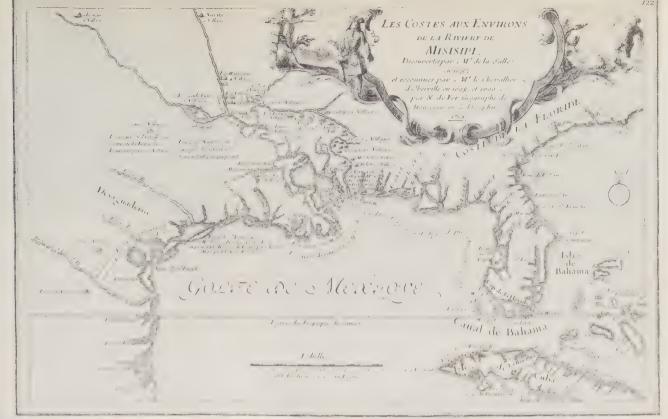
If California and the Mississippi were sources of confusion, so too was the land to become Texas. Upon its face, in addition to the Mississippi, were placed non-existent mountain ranges, great bodies of water (definitely fictitious), and large ornamental cartouches to camoflage the lack of knowledge underneath.

While things got better with the passage of time and explorers, John Arrowsmith's otherwise superb 'Map of Texas ...' of 1841. the best of its time, could still state unblushingly that West Texas is 'naturally fertile, well-wooded, and with a fair proportion of water.'

While the Spanish were secretive, the French were less so. A

Antonio Herrara y Tordesillas' 'Descripcion de las Indias del Norte' is from his Descripcion de las Indias Occidentales published in Madrid, 1601. It is typical of how little the Spanish Crown wanted others to know about its discoveries in the New World. (By courtesy of Amon Carter Museum.)





The decorative cartouche of this pretty map by Nicholas de Fer entitled 'Les Costes aux Environs de la Riviere de Misisipi', Paris, 1705, is believed to depict the assassination of La Salle in Texas by his men. (By courtesy of Carington Weems Collection.)

Frenchman was the first to name Texas on a map' 'Carte de la Louisiane et du cours du Mississipi,' Guillaume Delisle's landmark production of 1718. While it was in essence a political document underscoring France's claims to the Southeast and part of New Spain, the map's chief interest to Texans lies in a small legend placed near San Antonio. It reads, 'Mission de los Tiejas, etablie en 1716.' This is now the name from which 'Texas' is derived first appeared on a map.

*Crossroads of Émpire' also boasts those maps that collectors of Texana especially treasure: delineations of the Republic of Texas. Maps of the Republic are curious items; no two mapmakers appeared to agree on the boundaries of the upstart nation. In general the maps fall into two categories: those with a roughly heart-shaped configuration, and the so-called 'classic' Republic maps, with a narrow strip of land reaching like a stovepipe right up to the border of Wyoming.

It was in the latter shape that William H. Emory delineated Texas in his fine map of 1844, 'Map of Texas and the Countries Adjacent.' Emory's map represented the first scientific mapping of the entire Southwest based on actual observation. His mission was to record all the available information about Texas and surrounding territories for the United States government. His map was delivered to the U.S. Senate along with a message from President Tyler, and it figured prominently in the Senatorial deliberations about the annexation of Texas—which many strongly opposed. For most Senators it was the first clear look at what was at stake.

By contrast, when the Treaty of Guadalupe-Hidalgo closed the Mexican War in 1848, finally setting the boundaries of the continental United States, a map twenty years out of date was used. John Disturnell's 'Mapa de los Estados Unidos de Méjico ...' of 1847 was a copy of a copy of an earlier map, and its erroneous placement of the U.S.-Mexico border has caused geographers and residents confusion into the present century.

Only a few years before, boundary disputes and Texas pride resulted in clapping hundreds of Texans into a Mexican jail. From the beginning, most maps of Texas reached out ambitiously to include Santa Fe and the headwaters of the Rio Grande.

It was on this presumption that Texas President Mirabeau B. Lamar sent an expedition of 300 men to Santa Fe in 1841 to give the New Mexicans the word that they were in fact Texans. A good map would have come in handy, for the Texan expedition wandered about interminably, finally staggered into New Mexico, was promptly captured by Mexican forces, and force-marched south

into prison. So ended Texas' dreams of empire.

In 1844 George Kendall, a journalist seized and later released with the group, produced a book containing a map by W. Kemble, detailing their unfortunate foray. If the Alamo was the high point of Texan glory, then surely the Santa Fe expedition was the low. Kemble's map is, of course, part of the panorama of history that is 'Crossroads of Empire.'

The fifty maps in the exhibition have been gathered from public and private collections throughout the United States. Principally, however, they reflect the acquisitive desires and love for their history of Texans and Texas institutions, the majority having come from within the state.

One of the most attractive maps in the show is Jan Jansson's 'America Septentrionalis,' first printed in 1636, the first separate Dutch map of North America. Its place in history takes a back seat to its graceful ornamentation and fine vignettes of the New World's animal life, most honourably (for Texans) a vigorous bull placed appropriately near the present-day capital of Austin. Suporters of the University of Texas' famed football team — the Longhorns — see Jan Jansson's bull as historic prophecy.

As every map collector knows all too well, these fine old pieces, whether from the golden age of Jansson's map or the nineteenth century's golden age of U.S. expansion, are increasingly prized and harder to find. Yet, they do survive, 'eyewitnesses' to history, bringing to life in 'Crossroads of Empire' the great pageant of the American Southwest and Texas for the enjoyment of succeeding generations.

Travel Schedule for the Exhibition:-

December 7, 1981 - January 17, 1982

February 8 - March 20, 1982

April 12 - May 23, 1982

June 14 - July 24, 1982

August 16 - September 26, 1982

October 18 - November 28, 1982

December 20, 1982 - January 30, 1983

February 21 - April 2, 1983 and April 25 - June 4, 1983 Museum of the Great Plains

Lawton, Oklahoma

Thomas Gilchrease - Institute of American History and Art, Tulsa, Oklahoma

McAllen International Museum

McAllen, Texas

Scurry County Museum

Snyder, Texas

Abilene Museum of Fine Art

Abilene, Texas

Wichita Falls Museum and Art Center

Wichita Falls, Texas

Rosenberg Library Galveston, Texas

Dallas Historical Society

Dallas, Texas

Success of first IMCS symposium

'A GREAT SUCCESS', was the general verdict on the first ever weekend Symposium held by the recently formed International Map Collectors' Society, at the Grosvenor Hotel, Victoria, London, on October 10/11.

The activities began on the Saturday morning when over 100 people, including map collectors, dealers and historians of cartography, were welcomed by the President of the IMCS, Rodney Shirley. He introduced the first speaker, Dr Brian Harley of Exeter University, whose subject was 'Looking at Early Maps.

Dr Harley explained that he felt the thing map collectors wanted to know most about their maps was how the pleasure of owning them could be intensified.

Early maps are to be looked at; they are to be cherished; they are to be understood and, in so far as this is possible, they are to be experienced, he said. It was with this question of experiencing the past through early maps that his talk was mainly concerned. He described the four ways of looking at maps which he felt most important firstly the bibliographical way and, as Dr Harley explained, a great deal of the most scholarly work associated with early maps has been concerned with carto-bibliography — that is with establishing the variant states printed from an original woodcut, copperplate or lithographic stone.

'The third way is what I shall call the way of artefacts,' Dr Harley continued. 'It views the map primarily as a physical product made by human workmanship. And the fourth way of looking at maps is in terms of their content as an historical record. It is from this stream of understanding that the distinction between maps of fact and maps of fantasy has arisen.' This was an excellent talk, well illustrated with slides, and Dr Harley rounded it off by reminding the audience that maps have hidden truths.

After a short break, Mr Bob Akers, Principal Lecturer in charge of Bookbinding and Conservation at Camberwell School of Art, gave his talk on the 'Basic Preservation and Restoration of

Early Maps.' This topic prompted most questions and enquiries at the end of the day and illustrated the need for map collectors to have more basic information about how best to look after their maps. (NB We hope to cater more for this need in future issues of The Map Collector. Ed.) Mr Akers covered the aspects of handling maps and, as he pointed out, 'If it wasn't for handling all maps would be in good condition!' One of the most obvious ways of protecting a map is by putting it in a mount when it can be handled without

Many of the audience winced a little when he explained the various factors which lead to deterioration in maps. One is light. Maps must not be kept too near sunny windows. Another is heat which accelerates ageing so maps should not be kept too near radiators or fireplaces. Humidity is another cause of deterioration — maps should not be hung on outside walls or mould will grow on the paper.

He then went on to the subject of conservation and stressed that amateurs should always be very careful before attempting any work such as washing or bleaching. If in doubt it is always best to get professional help. He also warned map collectors against having early atlases rebound by local bookbinders unless they were absolutely certain they knew their job thoroughly as many things can go wrong.

The chairman of the Symposium, Yasha Beresiner, opened the afternoon proceedings by thanking the committee for all their hard work in setting up the events. He also introduced the next speaker, Susanna Fisher, who is an expert on the subject of sea charts. Her subject was 'Sea Charts for the Collector' and, as she explained, there is no intrinsic difference between a map and a chart except that a chart gives more emphasis to the sea than the land. Her talk was very well prepared and illustrated with high quality slides

She described the history of the sea chart from the very early Portolan charts on vellum through to the setting up of the Hydrographical Society

Mr Bob Akers (left) and Dr Brian Harley, two of the speakers at the IMCS Symposium held at the Grosvenor Hotel. Victoria, London.



Part of the audience enjoying one of the talks given at the International Map Collectors' Society's first annual Symposium

The Symposium ended with a panel of experts answering questions on maps from the audience. From left to right are Dr Brian Harley, Professor Eila Campbell, Rodney Shirley, Susanna Fisher, Tony Campbell and Ralph Hyde.



under Alexander Dalrymple. Her talk was followed by a description of the Rhinebeck Panorama of London which was recently discovered in an attic in New York State and, to use the words of the speaker Ralph Hyde, Keeper of Maps and Prints at the Guildhall Library, London, 'is a stunning water colour impression' of the city

in regency days

My Hyde explained that no record exists of this magnificent panorama having been made but it closely resembled a much later 'Aeronautical View of London' by Robert Havell Junior indicating that Havell may have copied the Rhinebeck Panorama. Despite a great deal of research by Ralph Hyde and others, the artists of this four sheet extravaganza remains unknown. Which particular event depicted also remain unknown and how the panorama found its way into an attic in Rhinebeck also remains a mystery. Mr Hyde ended by asking for any information which could throw lights on its origins.

The audience were then able to put their questions on the four talks and general queries to a team of experts comprising Dr Harley, Professor Eila Campbell, Rodney Shirley, Susanna Fisher, Tony Campbell and Ralph Hyde. This session certainly showed the need for more practical advice on caring for a map collection.

The last event of a packed day was the Society's annual dinner which was attended by ninety two guests who were welcomed by Rodney Shirley. Monika Schmidt, a dealer from Munich in Germany, said the grace. During the evening Mr Shirley also announced the setting up of an award jointly sponsored by the IMCS and the map dealers, Tooleys of Bloomsbury. An annual prize of £100 and a silver plate will be awarded to the individual who, in the opinion of the committee (to be set up) has been responsible for the cartographic contribution of greatest interest and merit to map collectors worldwide. A second award was also announced. This will go to the person who produces the best written annual contribution to the IMCS newsletter and a runner up within a total of £60.

On Sunday, October 11, twenty six leading map and print dealers offered their material for sale. Members of the IMCS were also invited to bring their own maps for sale or exchange, and in the afternoon an auction of members' material was conducted by David James of James of Norwich. Over 500 people attended the auction

Summing up the whole weekend, Rodney Shirley told The Map Collector 'I am delighted that the whole weekend - Symposium, dinner and map fair — went off so successfully. The large attendance at the Symposium and dinner on the Saturday reflected both the high calibre of the speakers and the enthusiasm of IMCS members, many of whom had come from overseas. At the map fair on the Sunday amazing numbers of interesting maps were on display and changing hands. The society intends to organise another major map fair and exhibition in London in June 1982 and is planning to hold its second Symposium in Amsterdam in the autumn of that year.



Maps displayed in Poland

DESPITE THE POLITICAL upheavals in Poland two exhibitions showing early maps of the country opened in the autumn. The exhibitions have been staged to mark the 350th anniversary of the founding of the Chair in Geodesy at Cracow University which includes the field of cartography.

One of the exhibitions in the Library of the Jagiellonian University of Cracow, included maps from the collection of the former Count Czapski of Rome. The second one, in the Collegium Maius of the University, was titled 'Imago Polonia' and was set up by Dr T. Niewodniczanski drawing on his own collection of maps of Poland. He shows 309 maps and views of Cracow and demonstrates the history of cartography from a collectors' viewpoint showing several examples of one map in different editions.

OBITUARY

Alexander O. Vietor 1913-1981

ONLY A FEW YEARS ago, in issue No. 2, March 1978, we featured Alexander O. Vietor in our Profile. It was then our pleasure to bring to the attention of our readers this remarkable man under whose direction the Map Collection at Yale University became one of the leading cartographic collections in the world.

It is now our sad task to report the death of Mr. Vietor on March 9, 1981, at Memorial Sloane-Kettering Cancer Center in New York City. Although Mr. Vietor had retired as Map Curator in November 1978, and had moved to New York City from New Haven, Connecticut, he remained active as Advisor to the collection until his death. During his thirty-five years of service to the University from which he had been graduated in 1936 the Map Collection grew in breadth and depth, and became especially noted for its fine holdings in maps and atlases dealing with the sea and with the development of North America and the growth of the new United States. Among his many professional accomplishments Mr. Vietor was the author of numerous scholarly articles, he was a member of the Editorial Board of *Imago Mundi* from 1975-1981, and was a contributing editor to the Theatrum Orbis Terrarum series of atlases in facsimile. In 1967 he was the recipient of the annual Honours Award given by the Geography and Map Division of the Special Libraries Association. He was a member of many professional and philanthropic organizations and was a leader in many civic programmes.

His legion of friends and associates in the map world mourn his passing.

Most Northerly Light

MOST NORTHERLY LIGHT

D.W. Marshall has been a Fulbright Lecturer at the University of Helsinki in 1981 and contributed this piece.

THE STRONGEST CANDIDATE for the title 'most northerly map collector' must be Veli Aine of Tornio, Finland, whom I visited recently.

Tornio is a town with a population of 20,000 on the border with Sweden. Although it is 110 kilometres above the latitude of Fairbanks, Alaska, it is still 2,720 kilometres from the North Pole. Veli Aine was in his office in the Kaupunki Hotelli (City Hotel) which had recently been renovated and attractively decorated with original paintings and sculptures.

'I have three hobbies', beamed the proprietor from behind his broadtop desk. 'Paintings, books about Lapland and maps of Finland.'

The walls of his inner office shared space between paintings and about ten maps. Veli Aine, like many Finnish names has a meaning — literally, 'Brother/Material'. The relationship became apparent as we walked to his home — a long low building which I mistook at first for the public library.

The map collection was on the ground level along with a storeroom for over a thousand paintings and a meeting room for the Masonic Lodge. A few maps were framed and hung in the hallway, the most significant being an English map of Scandinavia published by I.V. Kirchner and engraved by Overton and Hole. The right border was decorated by scenes from a Lappi house.

Other maps of Lapland and Scandinavia were wrapped in plastic and standing on a view board. Almost all had been obtained from dealers in Helsinki, Oslo, Copenhagen and Stockholm. Most impressive among them were a variation of Frederick De Wit's map of Finland 1678 based on Andreas Bureus and a map of Scandinavia by Gio Giacomo de Rossi.

This collection may well be the largest specialising in the Northern Finland area. It contains about seventy maps and was started by Aine in 1947 after he had served on five fronts in the Second World War (the Finns were at war with every nation except the United States at one time or another!) He confesses that acquisitions have tapered off in recent years because of escalating prices but perhaps the rest of us would like to be near our collecting limit. In this case, a northern limit

Newberry Library closed

THE NEWBERRY LIBRARY will temporarily suspend its services to readers, reference services by telephone and mail, photo-duplication services, and interlibrary loans from February 1 until April 30, 1982.

By January 1982, the Newberry's new bookstack building, linked to the existing building, will be completed. it will safely house all the Newberry's



priceless collections in history and the humanities. Renovation of the existing building will then begin to improve facilities for readers, staff and the public.

During the three months that the Library will be closed, the collections will be moved from the present building to the bookstack building. All library materials on reserve will be recalled prior to moving. The Newberry realises that certain cases require exceptions. Library fellows and readers with urgent research or publication deadlines may apply to the Library's Review Committee for special limited service during the closing.

Business premium dispute settled

THE DISPUTE BETWEEN the large auction houses and the London antique dealers about the ten per cent buyer's premium has been settled out of court

Just two weeks before the case was due to be heard in court eleven dealers withdrew the case after the intervention of a mediator, Patrick Neill QC. The dealers include S.J. Phillips and the Fine Art Society. Sotheby's and Christie's, the auction houses who first introduced the premium in 1975, are splitting part of the dealers' legal costs between them and have agreed to review the situation of the premium. They have also agreed to form a joint committee with the dealers to lay down codes of conduct and improve legislation covering rings and joint account bidding.

Lord Westmorland, chairman of Sotheby's said, 'I am absolutely delighted that the shadow which for the last three years has hung over the London Art Market has lifted as a result of the amicable settlement reached by all parties. With our colleagues and friends in the trade we can now concentrate on maintaining London's preeminent role as leaders of the world art market.'

Death of Mrs. Tooley

LEANA TOOLEY, wife of R.V. Tooley the editor of *The Map Collector*, died peacefully in her sleep at her Norfolk home on October 19 after a long and painful illness. The funeral service was held on Thursday, October 22, at the Mattishall Parish Church when many family and friends paid tribute to her courage.



Map Societies

ALTHOUGH THERE HAS been a recent surge of interest in map societies in America and Canada, the idea of creating a special group for the worship of early maps is hardly new. As far back as the 1920s a group of hale and hearty New Englanders were operating in the Boston area under the name of 'Cartophiles.'

For some unknown reason the group died out but was revived during Truman times (1945-53) under the name of the 'Cartophile Society of New England.' This new group had twenty to thirty regular members and held monthly meetings together with field trips to view the scrimshaws and filigrees of such places as the Boston Athenaeum, Peabody Museum and the John Carter Brown Library. They also held 'amateur' nights where members proudly displayed their new acquisitions which is still a popular form of meeting with the modern day society. The 'Cartophile Society' was an informal group collecting no dues and operating by word of mouth. It left no records and its operations ceased sometime during the fifties.

Bicentennial Revival

All was quiet for another generation until in 1976, under the Ford administration, the first of the modern day map societies began to emerge. The Chicago Map Society made its debut early in the season under the guidance of David Woodward for the purpose of 'supporting and encouraging the study and preservation of maps and related materials.' During this same year a Canadian society, the Historical Map Society of British Columbia followed suit. Since then a number of societies have been formed including one in Michigan, New York City, California, Ottawa and Washington DC. Today map society membership rolls contain apporoximately 500 'regulars' who pay an average yearly due of \$10 for membership privileges.

Membership and Activities

Map society members come from a wide variety of backgrounds which includes academics, businessmen, government employees and members of the legal and medical professions. The later category alone contributes a number of map enthusiasts. At a recent meeting of the New York Map Society the audience included a pharmacologist, a textiles importer, a diplomat, a mechanical engineer, a geology professor, a systems analyst, a librarian and a dowser. They had one common denominator: a love of maps, ranging from the very ancient to the very modern. They were a protean group of collectors, with interests that included facsimiles as well as the antiquarian, map stamps, modern road maps and thematic maps.

Membership privileges include attendance at regular meetings, donkey roasts and excursions, newsletter subscriptions, and participating in various society projects. They also may include such things as free distribution of dealers' catalogs and obtaining discounts in buying maps. Map society projects often result in publications. For instance the Michigan Map Society is currently conducting a project to index *Imago*

Mundi with the assistance of some of the other map societies. The Chicago Map Society has published two editions of its World Directory of Dealers of Antiquarian Maps and is working on a guide to nineteenth century mapmakers of Chicago.

Meetings may be monthly, as in the case of the larger societies like Chicago, Michigan and New York, every month or annually, as in the case of the Wisconsin Map Society. While virtually all of the societies include antiquarian materials in their programs, half of them (California, Chicago, Michigan and Wisconsin) include modern aspects of cartography as well. Topics may range from computer software for maps to collecting antique maps on stamps. Some of the more popular antiquarian programs are on aspects of preservation, the 'show and tell' talk mentioned earlier, and the 'collector's talk.' The latter is geared to the needs of the collector and is generally given by an expert or panel of virtuosos on various aspects of creating and caring for a collection.

At least two map societies, the Chicago and Ottawa map societies, can trace their origins back to the interests of collectors who had taken courses in map collecting. The Historical Map Society of British Columbia has in the past sponsored a series on map collecting in conjunction with the University of British Columbia and has plans to sponsor another in the future.

Joint meetings are also popular. Meetings have been held by the Wisconsin Map Society and Wisconsin Academy of Science, Arts and Letters; the Map Society of California in conjunction with the Western Association of Map Libraries; and the Michigan Map Society and Map On-Line Users' Group of the University of Michigan. Donkey roasts usually take the form of Christmas parties or annual parties.

Structure

Most societies have some form of organization ranging from simply having a 'town crier' to announce the meetings of smaller, newly formed groups such as the Ottawa Map Society, to the sophisticated stratification of the incorporated societies. Societies in California, Chicago, Michigan and Wisconsin are incorporated. The advantage of forming a corporation is that none of the members of the corporation are liable for the debts incurred by the corporation. Corporations also enjoy certain tax advantages not available to individuals and must have officers and a set of operating instructions (bye laws) listing the purpose of the organization. All of the incorporated map societies have a similar aim, namely to support and encourage the study and preservation of maps and related materials. Bye-laws may also include classes of membership, dues, specifications for meetings, duties of the board of directors, election of officers, formation of committees, recordkeeping requirements, entering contracts and maintaining bank accounts. They are an expression of a certain 'esprit de corps' and are a factor in assuring the longevity of an organization. More importantly, they serve to ensure things are done democratically.

Starting a Society

You are not apt to have much competition in this field. Getting a map society off the ground requires the effort of a dedicated impresario and the support of many interested individuals. The chief gambit is to think of the society as a business. Consider your consumer, your market area; your operating capital. Will you be taking out a 'trade mark?' What are your housing requirements? If you think of the society as a business you are more likely to give it the serious consideration it merits, rather than considering it a mere recreational activity. You can organize your society as you will, of course, and still receive considerable enjoyment from it.

As mentioned earlier, the map society

'consumer' may come from any number of professions or places. It is your job to find him! If a collector initiates the action, the problem is simplified. Collectors are the hardest form of member to reach. Ads placed in university geography departments, map making establishments and bookstores will serve to reach other professionals commonly interested in maps. Others may be reached through ads placed in newspapers or magazines as well as those distributed in public libraries or other places the public frequents. After the initial formation of a group, word-of-mouth publicity is one of the most effective ways in bringing in new membership. Remember, if all else fails - you can always organize a course in map collecting and let the educational institution that sponsors it do the advertising.

Once you have found your consumer your product will fall into place. For instance, if your society consists mainly of collectors you will be focusing more on antiquarian materials. If you have a hodgepodge membership you will want to include modern materials as well. A point to remember is that your membership constitutes your best speaker's pool. What your members know best is that which they will be most comfortable in talking about to others.

Your market area consists of the geographical area from which you will draw most of your membership. Four societies - Chicago, New York, Ottawa and Washington, D.C., draw most of their members from the large urban areas from which they are named. Societies in British Columbia, Michigan and Wisconsin are formed on a statewide basis. The California society also functions on a statewide basis, but is divided into northern and southern regions for administrative purposes. How you pick your market area is important, since in some cases considerable virtuosity is exercised by many members in such seemingly insignificant things as attending the meetings. In general, the smaller the geographic area you have to work with the more meetings you will have, and the more viable your society will be

Operating expenses will include such things as stationery, duplication expenses for notices for meetings and postage. A person to write, duplicate and stuff envelopes for mailing is also required. If you decide to collect dues you must have a system for handling money (e.g. a treasurer and a bank account), as well as someone to keep track of the membership. If your society is engaged in special projects resulting in publication you will need additional

Yasha Beresiner, who was until recently a director of Stanley Gibbons Mapsellers, has opened a new business in Camden Passage Antique Market. It is called InterCol and is being jointly run by Antoinette Tomsett. The company are specialising in early bank notes, playing cards, maps and prints — the same areas in which Stanley Gibbons have ceased trading. Their first catalogue, 'Paper Money of the World' can be obtained by writing to: InterCol London, 1a Camden Walk, Islington Green, London N1 8DY. Incidentally, Mr Beresiner's book *Guide to British County Maps*, being published by the Antique Collectors' Club, is due to appear on the market this month.

La Galerie Du Bastion, 2 Rue Du Bastion, 06500 Menton, France, is publishing a regular series of exhibition posters featuring old engravings and maps. Each year the gallery will publish four different posters featuring subjects which are either oustandingly beautiful or out of the ordinary. Number one shows a print of the town of Menton, a lithograph published in 1880 in *La Vieille France*, a work in four volumes by Albert Robida, and number two reproduces in full colour a map of Corsica by Vincenzo Coronelli published *c*1690 in Venice. Price of a single poster is £2 or

capital.

Housing requirements consist of obtaining a place to hold your meetings and occasional donkey roasts. Perhaps your group will just float around and have meetings at members' homes or consist mainly of field trips to various repositories or map making establishments. Or perhaps you will have a room set aside somewhere where you meet regularly.

Many of the above problems can be simplified by having a society headquarters. A headquarters serves as a central switchboard for information about the society. It can provide accommodations for meetings. It can provide storage space for supplies, duplicating and mailing facilities and an archive for society records. Both the Chicago and Wisconsin map societies have such a headquarters. The former is The Newberry Library and the latter is The Milwaukee Public Library. To ensure a continuance of operations both societies have made provisions for at least one elected officer to be affiliated with its headquarters (the sponsoring institution) at all times.

Directory

The following is a list of current societies un the U.S. and Canada. Information about each society may be obtained in most cases by writing to the Secretary/Treasurer of the society Information about monthly meetings and other activities are also reported in the quarterly newsletter Mapline, published by The Newberry Library, Chicago. This is a general newsletter devoted to covering events in the history of cartography. It makes a special effort to follow map society activities. Many societies distribute Mapline as a regular part of their membership. Special subscription rates are available for societies, but they must be obtained directly by the society, not by individual members. For subscription information contact Mapline editor, Maria Holden, The Newberry Library, 60 West Walton, Chicago, IL 60610.

The Chicago Map Society 60 West Walton Street, Chicago, Illinois 60610

Chicago Map Society Founded, 1976. Members, 100.

Sponsoring institution, The Newberry Library. Meetings monthly, third Thursday, except June, July, August, December, in The Fellows' Lounge, The Newberry Library.

Focus: World Directory of Dealers in Antiquarian Maps, 2d ed. (1980); in progress: 'Guide to 19th-century Mapmakers of Chicago.'

Annual dues, \$10.00 Mapline subscription included in membership. First President: George Ritzlin. President 1980-81, Marsha L. Selmer, Map Librarian, University of Illinois at Chicago Circle. Address all correspondence to Secretary/Treasurer Chicago Map Society, The Newberry Library, 60 West Walton, Chicago, IL 60610.

Historical Map Society of British Columbia

Founded, 1976. Members, 20. Meetings irregular at various locations. Focus, Antiquarian. Special activities, sponsored series of lectures on map collecting for University of British Columbia, 1979; series on mapping British Columbia for the University of British Columbia and University of Victoria, 1976. Agent for Association of Canadian Map Libraries' Historical Map Series. Annual dues, \$5.00. First President: Frances Woodward. President 1980-1981, Frances Woodward. Address all correspondence to Frances Woodward, Library-Special Collections, 1956 Main Mall, University

Map Society of California

Founded, 1978. Members, 100. Meetings four times a year at various locations. Focus, Antiquarian to modern.

Publications, Map Society of California Newsletter; the society has contributed to the cost of indexing Imago Mundi, a project conducted by the Michigan Map Society

of British Columbia, Vancouver, B.C., Canada V6T

Annual dues, \$100.00 regular or institutional; \$5.00 student or senior citizen;

\$25.00 contributing; \$100.00 sustaining; \$500.00 life

First President, Dr. Normal J.W. Thrower. President 1980-1981, Dr. Gerald L. Greenberg, Chief, Data Acquisition, U.S. Geological Survey, Menlo Park Address all correspondence to Treasurer Richard Hansen, 11245 Dry Creek Road, Auburn, CA 95603.



Michigan Map Society

Founded, 1977, Members, 60, Meetings monthly, except July and August, at various locations. Focus, Antiquarian to modern. Publications, The society is planning to publish an index to the journal

Imago Mundi. Annual dues, \$10.00 friend; \$25.00 close friend: \$50.00 great friend. Mapline subscription included in membership.

First President, Dr. Thomas N. Cross.
President 1980-1981, Judith Siegel, Dept. of Geography, University of Michigan, Ann Arbor

Address all correspondence to Treasurer, Walter

Williams, 18265 Redfern, Detroit, MI 48219.



New York Map Society

Founded, 1978. Members, 80. Meetings monthly, the first Saturday, except July, August, at American Museum of Natural History, Room 129, Central Park West and 79th Street, New York City. Focus, Antiquarian. Annual dues, \$10.00 regular;

\$5.00 children under 18 First President, Gerard L. Alexander. President 1980-1981, Karl Kasner.

Address all correspondence to Treasurer, Phil Merker, New York Map Society, P.O. Box 1315, Cathedral Station, New York, NY 10025.

Ottawa Map Society

Founded, 1980. Participants per meeting, 25-30. Meetings monthly at various locations, including

members' homes Focus, Antiquarian.

No dues

20450.

Organized by John Coles and Edward Dahl. For further information contact Edward Dahl, National Map Collection, Public Archives of Canada, Ottawa, Ont. Canada K1A ON3

Washington Map Society

Founded, 1979 Members, 40. Meetings five times a year (October, December, February, April, June) at various locations. Focus, Antiquarian Annual dues, \$10.00 individual; \$15.00 couple. First Chairman, Dr. Walter Ristow chairman 1980-1981, Dr. Jonathan T. Lanman, retired. For further information contact Secretary/Treasurer

Ronald Grim, 7175 Talisman Lane, Columbia, MD

Wisconsin Map Society

Founded, 1976. Members, 75. Sponsoring institution, Milwaukee Public Library Focus, Antiquarian to modern. Publications, Wisconsin Milestone newsletter. Dues, \$10.00 institutional;

\$5.00 individual.

Mapline subscription included in membership. First President, Wilfred Beaver. President 1980-1981, Christine Reinhard, State

Cartographer's Office For further information contact Wisconsin Map Society.

Secretary/Treasurer, Milwaukee Public Library, 814 W Wisconsin Avenue, Milwaukee, WI 53233.

Around and About

send for yearly subscription form to the above address.

Antiquarian Booksellers are asked to be on their guard against a man who has been stealing seventeenth century scientific books from University College, London, and then offering them for sale. He is about 40 years old of Eastern Mediterranean appearance and uses various different names. If he comes to your shop offering material for sale you are asked to telephone Holborn Police Station in London on 01-725 2285

A well known figure in the antiquarian book world, Charles R. Harris, died recently aged 61. He joined the staff of Francis Edwards of London in 1937 and remained with the firm until 1979 and was a founder member of 'Bibliomites' becoming its president in 1960.

A comprehensive guide to the international auction scene entitled The Auction Companion has been compiled by Daniel and Katherine Leab. Over 600 auction houses across the world have been assessed and there is guidance on personal bidding, when to use a dealer, fees and other general information. Published by Macmillan,

London, Little Essex Street, London WC2R 3CF. Price £9.95.

All map dealers are asked to look out for thirty three maps by John Speed which were stolen recently from University College, Cardiff. Speed's Theatre of the Empire of Great Britaine, 1676 edition, has been at the University library for over 100 years and the loss of its maps has caused great distress. The maps are uncoloured and measure 55.4 x 43.3cm (including margins) and were cut away from mounted guards. Unfortunately they do not bear a library mark but if any dealer is at all suspicious about any maps which are offered to him for sale please contact Mr. B.L. James, Sub-Librarian at University College on Cardiff 44211. The missing maps are Kingdom of England, Kent, Sussex, Surrey, Hampshire, Isle of Wight, Dorset, Devon, Somerset, Wiltshire, Middlesex, Essex, Suffolk, Norfolk, Cambs., Beds., Bucks., Oxfordshire, Glos., Herefordshire, Lancashire, Yorkshire, West Riding, Durham, Westmorland, Cumberland, Northumberland and Isle of Man. Also Bermuda, Virginia and Maryland, New England and New York, Jamaica and Barbados and Carolina.

Three leading map and print dealers have got together to start a monthly Antiquarian Map and Print Fair which will be held at the Bonnington Hotel, Southampton Row, London. They are Roger Mason of Oxford, Bill Bennett of Postaprint, Iver Heath, Bucks, and Paul Nicholas of Waterloo Investments, Reading, Berks. The first fair is to be held on Monday, January 11th in the Derby Suite of the hotel, from 9.30 am to 8 pm. There will be between twenty five and thirty dealers exhibiting and admission will be free. 'Trade for map dealers at book fairs was not very good and after the success of the IMCS map and print fair we were encouraged to start our own fair,' Roger Mason told The Map Collector. The consortium also hope to hold a three or four day fair in June to coincide with the London Book

The ultimate gift for a map collector must be a tee shirt sporting the 1540 Münster map of the New World! The shirts are being sold by the Hermon Dunlap Smith Center in America and enquiries should be sent to The Newberry Library Bookshop, 60 West Walton Street, Chicago, IL 60610, USA



Pictured sharing a joke at the opening of Stephanie Hoppen's Studio are Clive Burden (left), Desmond Burgess (centre) and Jonathan Potter, three well known map dealers. The party was held at Stephanie's new premises at 17 Walton Street, London S.W.1 where she will be specialising in the sale of rare and unusual maps together with Holy Land maps and views.



PROFILE

His Hobby Led to Career in Maps



Jonathan Potter

Interview by Valerie Scott

JONATHAN POTTER, who owns a Map Gallery in London's West End, has a great belief in the future of the antique map business and feels that the hobby needs more promotion.

'So few people know what an antique map is and I would like to see both the hobby of map collecting, and the business, reach a far wider public,' Jonathan told *The Map Collector*. He feels that dealers must be careful not to become 'too exclusive' so that first time buyers who only want to spend a few pounds will not be discouraged. 'After all' he continued, 'that person who only spends a little today will, hopefully, return as his interest develops.'

He thinks that not enough new people are learning to appreciate maps, and sees a great future for map fairs and other promotional activities. Jonathan, who has an attractive gallery in Grafton Street, is probably one of the best ambassadors for the business. He has already exhibited at the New York and Boston Antiquarian Book Fairs, and will be at the Los Angeles Book Fair in February, and the New York Book Fair in May.

Jonathan was born in Muswell Hill, London and attended Mill Hill School where his interest in geography first developed. After taking his 'A' levels this interest led him to a job as a photogrammetist, which involves plotting large scale and ordnance survey maps from photographs. After nine months he felt that the prospects were not very exciting and was accepted for a BSc course in Geography at Birkbeck College. This was an evening course, so he started looking around for a daytime job in London.

Whilst in London one day he passed The Map House in St. James's Street and decided to enquire if they had any vacancies. As luck would have it, his arrival coincided with the setting up of an antiquarian map department — previously the shop had sold only modern maps and guide books. Jonathan was employed as an assistant.

Jonathan had been interested in antique maps from the age of 14, when he first started collecting. He would often go to the

Portobello Road market where he got to know the dealers, particularly Avril Noble and Eric Taylor who were always very helpful and encouraging, even though he only had pocket money to spend. Amongst his first acquisitions were a fine first edition map of Cardiganshire for which he paid a mere £5, and a Norden/Kip of Kent which cost 25 shillings.

After he had been at the Map House for four months the manageress left and shortly afterwards Jonathan was asked to take over. Quite soon the antique map department had grown from one plan chest to fill half the shop. In 1973 The Map House moved to Beauchamp Place where Jonathan continued as manager and the emphasis on antique maps continued to increase. Three years later Jonathan and the directors of the Map House, Lord Allington and his brother The Hon. C.A. Savile, formed a partnership -Jonathan Potter (Antique Maps) Limited. This meant the two map businesses were operating from the Map House. Inevitably the two rapidly expanding firms soon found that there was not enough space at 54, Beauchamp Place and Jonathan bought out the other directors' shares in his company and moved into new premises in Sackville Street. This was a large first floor show room which proved very popular, but after eighteen months he decided the premises were not ideal and started looking for more suitable accommodation.

He formed a partnership with Chas. J. Sawyer, the rare book dealers, with whom he now shares premises at 1, Grafton Street in Mayfair.

'This is a very satisfactory arrangement as both Sawyer's and my firm enjoy the benefits of larger premises, better facilities and a larger staff than we might independently afford and our respective stocks complement each other. Between us we can quite reasonably expect to cover most aspects of the rare book, atlas, print and map field. Sawyers have for many years enjoyed a reputation as leaders in the African rare book and fine arts market, and between us we can offer probably the best selection of rare and fine African maps available for sale anywhere,' Jonathan explained. 'Being next to Bond Street we are also conveniently placed for the three main auction houses, which is a tremendous time saver'. Since he moved into Grafton Street nearly two years ago his business has increased and the gallery is going from strength to strength.

Jonathan has been married for six years and has a one year old daughter, Lucy. His wife Gillian was expecting a second baby at the time of going to press. They live by the river at Kew, and in his spare time Jonathan particularly enjoys playing or watching most sports or just being at home with his family.

Although still only thirty, he has already made a substantial contribution to the world of antique maps, and with his enthusiasm and expectation of far greater interest in map collecting, he is looking forward to a particularly busy future. 'I realise that I have been particularly fortunate in that I am being paid for doing what would otherwise be my hobby and I feel particularly keen that others should be able to get as much enjoyment out of antique maps as I have and as I hope to in the future.'



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CONCEPTS IN THE HISTORY OF CARTO-GRAPHY. A REVIEW AND PERSPECTIVE by M.J. Blakemore and J.B. Harley. Cartographica monograph 26, University of Toronto Press, 1980, 120pp. Available in the U.K. from The Map Collector, price £2.50 post free, or from the Journals Dept., Univ. of Toronto Press, 5201 Dufferin Street, Downsview, Ontario, M3H 5T8 price \$6.50.

There have been several previous attempts to formulate a philosophy and consequent methodology appropriate to the study of early maps but this is surely the most determined effort to date. As such, it should be read by every serious student of the history of cartography. The extremely concise conclusion to the monograph may serve as an abstract. Since maps reflect both the culture and technology of society, the historiography of cartography is a monumental task where much remains to be done. It is argued that this very great potential remains unfulfilled because the history of cartography 'lacks focus, coherence and balance when viewed as a whole ... theoretical assumptions are rarely challenged ... the unwitting contradictions ... are rarely challenged ... a systematic discussion of its philosophical and methodological premises is ... overdue.' To rectify the situation, the authors offer with circumspection what they feel to be 'a stimulating and elegant structure for the broad development of the history of cartography

The monograph is divided into seven sections, the first six of which review the state of the art in its component parts, drawing very widely and comprehensively on Anglo-American writing over the last three decades. The first section is concerned with definitions which provide pointers to the objectives and methods currently employed.

BOOK REVIEWS

A second section on chronological and spatial frameworks provides statistical evidence of marked imbalance in effort both through time and over area. Over half of the published work in the first thirty volumes of Imago Mundi is devoted to maps between 1500 and 1700 with remarkably little attention to post-1850 cartography. Distinct tendencies are understandably evident in the choice of areas whose maps are to be studied, leaving great blanks in the study of the mapping of non-Western society, a trend which can only be enhanced by lack of a systematic framework for the study of the history of cartography. A third section looking at bibliographical work and the production of facsimiles, points to the potential sterility of some work unless it is consciously used to advance our understanding of cartographic development, while the boom in map reproduction is not necessarily to be seen as indicative of progress in that same sense

In a section on maps as artefacts, the range of processes involved in map making is rightly identified as an area of very significant advance of late. It is also seen as an area of continuing importance, in part because it is integral to the sort of cartographic communication paradigm which the authors later propose as the framework for the future. They do not attach the same importance to another area where considerable effort has been directed recently, the assessment of accuracy. A noticeably large range of reservations are itemised about recent work on accuracy, whether in a locational sense, in dating or in terms of comprehensiveness of content. The reason for making the case with such meticulousness for drawing back from this recent work is perhaps to be seen in the penultimate section, which is on the abstract, non-literal or cultural

values to be attached to maps. Here it is suggested that it is the meaning of the image which is fundamental, rather than its planimetric or chronometric accuracy.

The thrust of the argument is developed in the final section where 'the concept of early maps as a developing and living language' is advocated. Communication is seen as the starting point for the formulation of a body of concepts which can integrate the areas of study previously reviewed and provide them with the larger purpose which may presently be lacking. While many will surely allow the potential value of conceptualism to this end, not all will agree with the particular analyses in the previous sections or will be attracted by the particular mental construct which is proposed in the final section. The initiation of a broad reappraisal by an existing body of workers in the field is a formidable objective, particularly in a field such as the history of cartography where those involved follow their intuitive interests, partly because of the unstructured nature of the field of study and partly because it may be a part-time interest. I suspect that the reformed objectives inherent to this particular conceptual framework must be more clearly explained if they are to gain widespread acceptance. It is insufficient to plead that the debate is hardly vet announced. Perhaps the authors will have to demonstrate by example.

This monograph may be seen, with the benefit of hindsight, as a seminal document which shifted the emphasis of the work of historians of cartography and at the same time provided them with an elegant framework which legitimised their work. In a brief review, it is impossible to contribute to the debate which the authors seek to initiate but is possible to commend their



by J. B. Post

Cartographic Information and Format Specialist, Free Library of Philadelphia.

I am the very model of a modern map librarian: I deal with no maps anyone could label antiquarian.

I've microfiche and printout maps and data digitizable

And a CRT-linked plotter to make it realizable. I've cartographic data banks just full of information.

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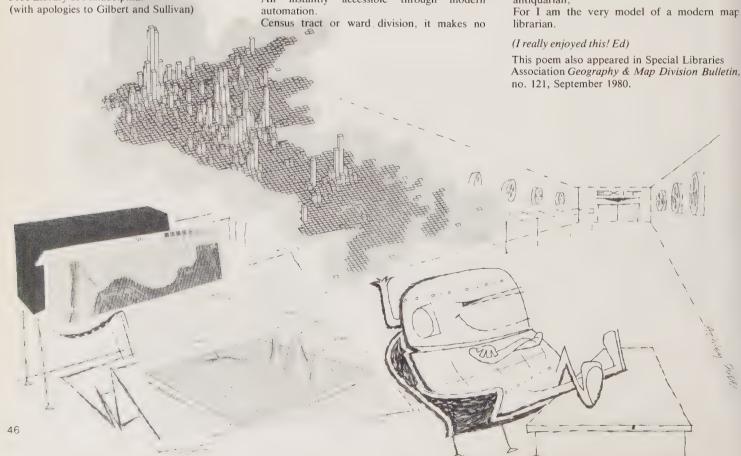
difference here,

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I've everything my heart could want that's bright and clean and new

And of the maps I deal with - why, they must be modern, too.

And, so, I deal with no maps even faintly antiquarian.



endeavour. Even if, with the passage of time, the monograph does not prove so influential, it should not suffer the opposite fate of gathering dust. It is immediately valuable as an overview of a diffuse subject and its compilation necessitated a rare breadth of familiarity with the literature. Apart from its value as a catalyst of debate, it is of great value as a source of reference of recent work (and lack of recent work) in a range of discrete areas of activity within the larger subject.

Jeffrey C. Stone Dept. of Geography, University of Aberdeen

ATLANTI NAPOLETANI DEL DICIAN-NOVESIMO SECOLO 1806-1860 (Neapolitan Atlases of the Nineteenth Century) by Vladimiro Valerio. Published by Luigi Regina, Napoli. 114 pages, 30 illustrations. (250 x 200mm.)

The author of this book works in the Department of Mathematics of the Faculty of Architecture in Naples and has devoted himself to teaching and research in the field of geometry for many years. His cartographic studies are connected with this interest particularly in the field of projections and geometrical configurations. His interest includes also the history of this branch of learning.

His book deals with an interesting and unknown period of Italian cartography particularly the period relating to the unity of Italy. The descriptions of the provinces of the kingdom of Naples is carried out from the point of view of the technical and scientific development of the more or less correct reproduction of the maps in atlases. The conclusions are rigorously based on an accurate study of documents in archives.

The several collections of the maps of the kingdom are described in great detail. Information includes the techniques of engraving, the names of the engravers, the characteristics of the projections

and scale and date of each map.

This book constitutes a good example of a geographic study based on a correct scientific method of interpretation and should be a valuable reference work for scholars and collectors of Neapolitan atlases and maps.

M. Broseghini

Catalogues Received

HENRY STEVENS, SON & STILES, 4 Upper Church Lane, Farnham, Surrey GU9 7PW. Tel: (0252) 715416. Catalogue Americana 92 with a supplement of material relating to the war of 1812. pp 48, 309 entries. WIENER ANTIQUARIAT INGO NEBEHAY,

GmbH, Seilergasse 16, A-1014 Wien 1, Austria. Tel: (0222) 52-54-66. Katalog 15. Ausgewähtle Bücher des 16-20. Jahrhunderts. Catalogue of books and atlases by subject. pp 70, 316 entries,

27 illustrations, subject index.

R.V. TOOLEY LIMITED, 33 Museum Street, London WC1A 1LH. Tel: (01) 631 1632. Maps. Catalogue Number Two. Catalogue, compiled by J.J.S. Goss, of maps of all parts of the world. pp 36, 101 entries, 24 illustrations, index to regions described, cross-reference index, list of references cited.

PETER M. MARTIN, 12 Beech Avenue, Radlett, Hertfordshire WD7 7DE. Tel: Radlett 7653. Antique Maps & Prints. Catalogue of maps and prints of all parts of the world in nine sections. pp [32], several hundred entries, 1 illustration, index. H. TH. WENNER GmbH & Co, Heger Straße 2-3, Postfach 4307, D-4500 Osnabrück, Federal Republic of Germany. Tel: (0541)-25516. Antiquariatskatalog 295. Alte Stadtansichten und Landkarten mit einer Auswahl Seltener Büches. General catalogue in 30 sections. pp 156, 2670 entries, 93 illustrations, including one in colour, subject index.

R.W. & C.R. LAMB, Talbot House, 158 Denmark Road, Lowestoft, Suffolk NR32 2EL. Tel: Lowestoft 64306. Catalogue 26. General catalogue of books and prints. pp [40], 290 entries. EX LIBRIS, 11 Rue Victor Cousin, F-75005. Paris, France. Tel: (1) 325.50-16. Catalogue No 7 Asia — Islam — Voyages. Voyages, Missions, Ambassades, Livres Rares, Exotica. Catalogue in two sections, pre- and post- 1800 respectively, of books relating to Asia. pp [48], 366 entries, separate price list, index, list of references cited. WILLIAM J. FAUPEL, 3 Halsford Lane, East Grinstead, Sussex RH19 1NY. William J. Faupel's Catalogue 81. The New World. Antiquarian Maps and Views. Catalogue of maps and prints relating to the World and to the Americas, arranged in eleven sections. pp [36], 258 entries, 208 illustrations, subject area index.

ANTIQUARIAT STENDERHOFF, Fischmarkt 21, D-4400 Münster, Federal Republic of Germany. Tel: (0251) 44749. Antiquariats-katalog 356 September 1981 Alte Städtanichten 19. Jahrhundert. Catalogue of town views in 58 sections, pp 144, 3255 entries, 61 illustrations including 2 in colour, subject index.

MAIR WILKES BOOKS, 3 St Mary's Lane, Newport-on-Tay, Fife DD6 8EB, Scotland. Tel: (0382) 542352/542167. Catalogue M/15. Military History Natural History Sport Travel. Catalogue in four sections, pp 49, 464 entries. ZEITLIN & VER BRUGGE BOOKSELLERS. 815 North La Cienega Boulevard, Los Angeles CA 90069, USA. Tel: (213) 655-7581 or 652-0784. Maps & Views 16th-19th Centuries. Catalogue of maps and views of all parts of the world with a supplementary entry on the Mariners Mirrour. pp 13, 48 + 1 entries, 14 illustrations.

L.S. STRAIGHT, 101 Maple Street, Weehawken NJ 07087, USA. Tel: (201) 863-9115. Catalogue No 342. A Midsummer Miscellany of inexpensive Early Maps & Prints. July-August 1981. pp 10, 183 entries

Publications Received

POLONIAE Katalog wybranych objektów zbioru 'Imago Poloniae' z okazji 350-lecia utworzenia pierwszej katedry geodezji w Polsce na Uniwersytecie Jagiellońskim. Kraków, Collegium Maius, 1981 or from the author, Dr Tomasz Niewodniczański, at Heinrischstraße 24A, D-5520 Bitburg, West Germany. pp 56. Price not stated.

Catalogue describing items from Dr Niewodniczánski's personal collection of maps of Poland and the surrounding areas in Eastern Europe

now in the USSR formerly parts of the Kingdom of Poland. The catalogue ranges from the edition of the Wapowski map of eastern Europe engraved by Beneventanus included in the edition of Ptolemy published at Roma in 1507 by way of several examples from the many different editions of Sebastian Münster's Cosmography to the many atlas maps of the seventeenth- and eighteenth centuries before the Kingdom was partitioned between Austria, Prussia and Russia between 1772 and 1795.

LETTERS TO EDITOR

Joseph Conrad, as ship's master turned writer and what a writer - had much more than a simple pragmatist's view of maps as the following quotation shows: 'I have no doubt that stargazing is a fine occupation, for it leads you within the borders of the unattainable. But map-gazing, to which I became addicted so early, brings the problems of the great spaces of the earth into stimulating and directing contact with sane curiosity and gives an honest precision to ones' imaginative faculty. And the honest maps of the nineteenth century nourished in me a passionate interest in the truth of geographical facts and a desire for precise knowledge which was extended later to other subjects.

This, and much more on maps, was contained in a 1924 essay entitled 'Geography and Some Explorers.

Alan Bartlett 109 Parkland Grove Ashford Middlesex

May I offer you the following map quotations from my copy of Dr Johnson's Dictionary, Second Edition.

MAP n.s. (mappa, low Latin) A geographical picture on which lands and seas are delineated according to the longitude and latitude.

'Zelmane earnestly entreated Dorus, that he would bestow upon her a map of his little world, that she might see whether it were troubled with such unhabitable climes of cold despairs, and hot rages, as hers was.' Sidney.

'I will take the map of Ireland, and lay it before me, and make mine eyes my schoolmasters to give my understanding to judge of your plot." Spenser on Ireland.

Old coins are like so many maps for explaining the ancient geography.

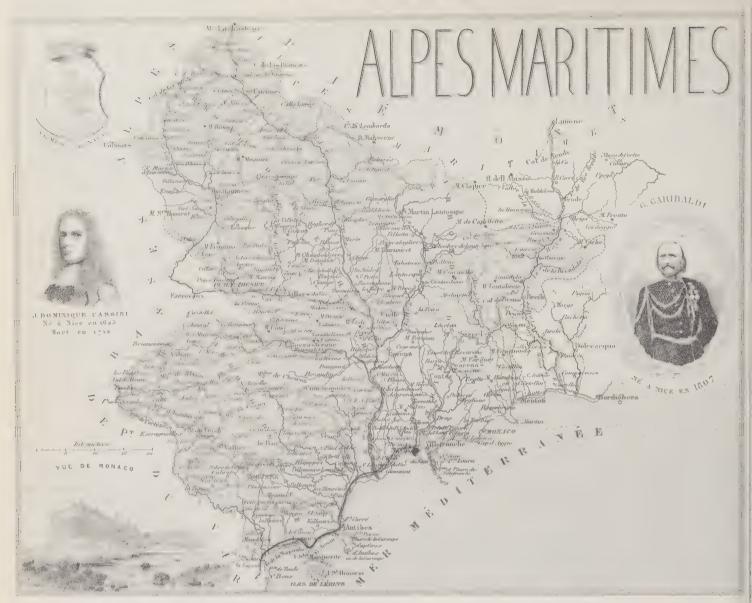
Addison or Ancient Coins.

'O'er the map my finger taught to stray, Cross many a region marks the winding way; From sea to sea, from realm to realm I rove,

And grow a mere geographer by love.' Tickell. The following comes under the verb To map (he may have Ogilby in mind!): 'He thinks it not needful to map out before the traveller every town and village of all the shires, through which he should pass; but only sets down those that lie in his road.' Bk. Hall, Rem. p387.

Browsing through my Johnson brought me for the ninety third time to his immortal definition of 'OATS'. As always it caused a chuckle.

William G. Smith 200 East 66th Street APT. C1702 New York N.Y. 10021



Sir

Mythical islands and peninsulas, fictitious place names and other flights of cartographical fantasy up to the eighteenth century and a bit later are now well known and can usually be excused by the lack of knowledge at the time. However, to find a blatant error on a late nineteenth century map concerning one of the greatest cartographers who ever lived, does seem surprising. I refer to the portrayal by Alexandre Vuillemin, a Parisian cartographer, in his 1874 atlas La France et Ses Colonies of Gian Domenico Cassini. Vuillemin shows a three quarter profile portrait of Cassini alongside the newly formed department of the Maritime Alps. The portrait is good but the legend which states 'born in Nice in 1625; died in 1712' is completely wrong. Cassini was born in the little mountain village in Italy called Perinaldo which is in the Province of Imperia along the coastal strip now known as Riviera Dei Fiori. It is about thirty six kilometers from Nice. Furthermore, Vuillemin shows a good section of the Italian coastline beyond the French border but does not include Perinaldo.

I have visited this charming village and seen the house, where Cassini was born. There are also plaques and a striking monument to his memory and that of the family of cartographers which he founded. It is well worth a visit for anyone interested in the life and work of this great

cartographer.

La Galerie Du Bastion 2 Rue du Bastion 06500 Menton France

(see illustration above).

I would like to provide some information on the origin of the Robert Walton maps discussed in the anonymously written Compass Points in the June 1981 issue. I had occasion to research these maps after purchasing a copy of the America map several years ago. Among the cartographic treasures in the little heralded but excellent collection in the Boston Public Library is a copy of an 'atlas' by Walton. A world map and four continent maps are folded vertically and pasted back-to-back to form a booklet. The maps are coloured in outline and the border figures are uncoloured. The maps in order are:

1. 'A NEW AND ACCURAT MAP OF THE WORLD Drawne according to ye truest Descriptions latest Discoveries & Best obserations yt have beene made by English or Strangers This Map is Necessary for all who desire to know how the Severall Countries lie one by another, And also for an ornament to the House;/Printed and sould by Ro: Walton at the Rose and Crowne at the west end of Paules. 1656.

2. The Europe map as illustrated in the article except '1658' is engraved after 'cities' in the title. 3. The Asia map, as illustrated, except the advertisement at the upper right is absent.

4. The Africa map, as illustrated, except '1658' is engraved after 'before' in the title.

5. The America map, as illustrated, except '1658' appears below 'before' in the title.

Contrary to the speculation in the article, these maps were not issued c1666/1667. They were engraved for separate sale, not for Heylin's Cosmographia, and lacking the world map they should perhaps not be referred to as a 'set'

Particularly interesting is the world map. A later state of Walton's plate is illustrated as item 44 in Portraits of the World published recently by the University of Nebraska, where it is stated that its origins are unknown, but that it is found in copies of Petavius' History of the World printed in 1659. In this later state the last portion of the title has been removed, although traces are still visible. The only other noticeable change is that the legend 'The Heavens and Elements' has been re-engraved to read 'A figure of The Heavens and Elements

Erratum

1 Apologies to Jonathan Potter for the unedited description of his catalogue in Catalogues Received section of Issue 16.

2 Osman Mardin, author of 'Piri Reis: Turkish Admiral and Cartographer' which we published in Issue 16 has asked us to point out that he is at Trinity College, Cambridge, not Trinity College, London, as printed.

according to Ptolemy.' The map is an obvious plagiarism of Speed, and perhaps this slight change was intended to make the text differ slightly from the Speed map. The rearrangement of the allegorical figures seems intended to serve the same purpose.

Although Walton's career is obscure and his maps largely derivative, they nevertheless possess a peculiar charm, and it is a fortunate collector indeed who possesses one of his productions.

David Jolly 15 Atherton Road Brookline Massachusetts 02146

(We are glad to record these dated examples not having come across them before. The later undated examples were used at times in copies of Heylin and Varenius. I have also seen two or three copies of Pentius with the amended Speed's map of the world. Ed.)

Sir

As to mapmakers in literature, I would like to send you the famous Donne poem with its extended metaphors or conceits. John Donne (1572-1631) was certainly one of England's greatest poets. The book in which I found the verses is easily obtainable and makes ideal reading for anyone fond of this great era of man and map making.

Your magazine is getting better and better and I am looking forward to each edition. The colour

ads add greatly to the reader's enjoyment. The following is taken from *The Metaphysical Poets* (Revised Edition).

From Hymne to God my God, in my sickness (Written, according to Walton, eight days before John Donne died. Another contemporary witness dates the poem December 1623, as written in the same grave illness as gave rise to the Devotions.)

Since I am comming to that Holy roome, Where, with thy Quire of Saints for evermore, I shall be made thy Musique; As I come I tune the Instrument here at the dore, And what I must doe then, thinke now before.

Whilst my Physitians by their love are growne Cosmographers, and I their Mapp, who lie Flat on this bed, that by them may be showne That this is my South-West discoverie *Per fretume febris*, by these streights to die,

I joy, that in these straits, I see my West; For, though theire currants yeeld return to none, What shall my West hurt me? As West and East In all flatt Maps (and I am one) are one, So death doth touch the Resurrection.

Peter Kirchgeorg Viehhausen 2 D-8223 Trostberg

Sir

In response to your editorial in the June issue of *The Map Collector*, I would like to submit the following item:

'I daylie see many that delight to looke on Mapes but yet for want of skill in Geography, they knowe not with what manner of lines they are traced, nor what those lines do signify nor yet the true use of Mappes.'

Thomas Blundeville, A Brief Description of Universal Mappes and Cardes and Their Use (London 1589).

Howard I. Golden Fortieth Floor 1450 Broadway New York

NB This quotation was also sent in by Neil McKinnon of Timaru, New Zealand. He added: 'old maps are slippery witnesses' to the list as well

Cartographical Cvriosities 12



THIS STRANGE VERSION of a map of Holland on a fool's cap was found by Betty Fathers, Map Librarian of the Bodleian Library, Oxford, when she was looking through a collection of prints and drawings relating to Jesters. It was

among the Francis Douce collection donated to the Library in 1834. Miss Fathers would be pleased if any readers can throw any light on its origins or if anyone has seen a similar fool's cap.

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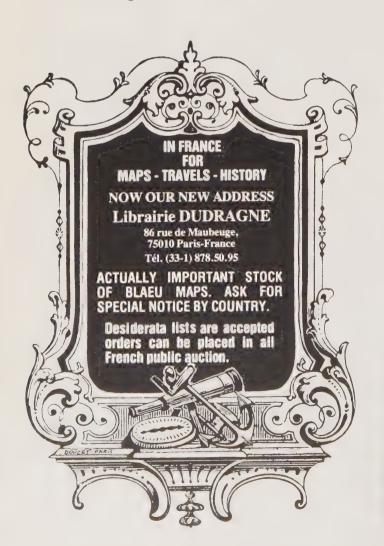
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CUMMING, W.P.: The Southeast in Early Maps with an annotated check list of printed and manuscript regional and local maps of Southeastern North America during the Colonial period. Chapel Hill, NC, 1973. (285 x 220mm). pp x + 284. Cloth. £30.00

BRITISH MUSEUM: World. An excerpt from the British Museum Catalogue of Printed Maps, Charts and Plans. Photolithographic edition to 1964. London, The Trustees of the British Museum, 1967. (335 x 230mm). 806 columns. Paper. £3.00

LISTER, Raymond: Collecting Old Maps and Globes. London, 1979. (255 x 190mm), 256 pages. Cloth. £9.95

BRITISH MUSEUM: London. An Excerpt from the British Museum Catalogue of Printed Maps, Charts and Plans. Photolithographic edition to 1964. London, The Trustees of the British Museum, 1967. (335 x 270mm), 202 columns. Paper. £3.00

TOOLEY, R.V.; Maps and Map-Makers. London, 1978. 6th ed. (255 x 195mm). pp xi + 140. Illustrated. Cloth. £15.00

TYACKE, S.J.: London Map-Sellers 1660-1720. A collection of advertisements for maps placed in the London Gazette 1668-1719 with biographical notes on the map-sellers. Tring, 1978. (215 x 150mm). pp xxvii + 160 + folding map. £12.00

BREYDENBACH VON, B.: Intro. E. Geck: *Die Reife ins Seilige Land.* Wiesbaden, 1977. (305 x 210mm). pp. 56. Facsimile. £25.00

WALLIS, H. and S.J. Tyacke eds: My Head is a Map. Essays & Memoirs in honour of R.V. Tooley. London, 1973. (245 x 180mm). pp xvi + 148. Cloth. £10.00

TOOLEY, R.V.: Collectors' Guide to Maps of the African Continent and Southern Africa. London, 1969. (255 x 185mm). pp. xvi + 132 pp. 100 plates. £10.00

ALEXANDER, M. Ed: Discovering the New World based on the Works of Theodore De Bry. New York, Hagerstown, San Francisco, and London, 1976. (310 x 215mm), pp 224. £12.00

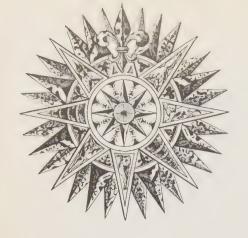
GUTHORN, P.J.: British Maps of the American Revolution. Monmouth Beach, N.J., 1972. (310 x 250mm). pp. 79. £7.25

DAHLGREN, E.W.: Les Debuts de la Cartographie du Japon. Amsterdam, 1977. (220 x 155mm). pp 65. £5.00 GUTHORN, P.J.: American Maps and Mapmakers of the Revolution. Monmouth Beach, N.J., 1966. (310 x 250mm). pp. 48.

MICKWITZ, ANN-MARI and LEENA MIEKKAVARA: The A.E. Nordenskiöld Collection in the Helsinki University Library. Annotated Catalogue of Maps made up to 1800. Volume I Atlases A-J. Helsinki and Stockholm, 1979. (305 x 255mm). pp. xxxi + 250. Further volumes in preparation. £25.00

CARTOGRAPHIA, Concepts in the History of Cartography. A Review and Perspective by M.J. Blakemore and J.B. Harley. Vol. 17, Number 4. £2.50

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attributes apply to the Ruysch map.

It is believed that Johannes Ruysch, the author of this map, accompanied John Cabot on his voyage out of Bristol in 1497-98 during which discoveries were made on the coasts of Newfoundland and the Ruysch map may be one of the first printed world maps to show information from first hand experience. Very little is known about Ruysch although he is believed to have been born in the Netherlands at Antwerpen. He seems to have been well versed in the geographical literature and knowledge of his time and his abilities, according to Benevantanus, editor of the 1508 edition of Ptolemy, were highly regarded. He 'is the most competent geographer and the one who has best depicted the world,' wrote Beneventanus. Ruysch died about 1533.

Although the northern part of the New World, marked as 'Terra Nova', was still thought of as the eastern extremity of the Asian continent it is quite clear that Ruysch drew his map with the

intention of showing newly-discovered territories.

Surprisingly the map was not printed until ten years after Cabot's voyage. It illustrated the Rome (1508) edition of Ptolemy. Several states of the map are known and there are a number of differences on each one. Since all known states bear the date MDVLI in the legend placed in the Indian Ocean it seems reasonable to suppose that they were all issued fairly closely together. Not all the 1507 first editions of Ptolemy's *Geography* contain the map which suggests that the plate was still in the process of being engraved and lettered while the earlier editions were being printed.

Ruysch drew his map as a planisphere on a modified equidistant conical projection with its apex at the North Pole which is another remarkable feature. In its plane state the map appears as an opened fan with the curved, or southern edge, at the bottom. Some of the lettering is also unusual as it appears to have been made by a punch rather than the usual burin engraving tool. This suggests that the map was prepared for press in a hurry and the punch used as the quickest method of lettering the plate.

The map is full of cartographic innovation. Ruysch depicts the North Polar regions with some geographical basis for the first time and it is believed that the famous Gerhard Mercator was influenced by the map when he prepared the circular inset of the Arctic on his great world map of 1569. It must be said that Ruysch's depiction of the New World further south in the present Caribbean is rather confusing but his delineation of present day South America represents a great advance bringing to the printed map an accurate depiction of the coasts of what are today Venezuela and Brasil. Even the famous 'Admiral's map' in Martin Waldseemüller's 1513 edition of Ptolemy does not show so much detail of the Brasilian coast.

The African continent on the map is yet another cartographic advance as it breaks with the early tradition which held that there was a landbridge between eastern African and the peninsula of Southeast Asia. It is also the first map which shows the Portuguese discoveries and landfalls along the southern and Cape coasts. Ruysch also shows the Indian subcontinent as a peninsula for the



first time. His general accuracy in the eastern hemisphere is almost certainly due to contemporary information gained from Portuguese navigators and explorers. We hope to publish a list of the various states of this remarkable map together with illustrations in a future issue of The Map Collector.

The third state of Johannes Ruysch's remarkable map entitled, 'Universalior Cogniti Orbis Tabula Ex Recentibus Confecta Observationibus [Roma, B. Venetus de Vitalibus, 1507-08]. This state is the one found in most copies of the 1508 edition of Ptolemy's Geography and includes the word Geography are included the base of the map. (Photo by John Webb.)

References:

BEANS, G.H.: 'Some Notes from The Tall Tree Library. The Ruysch World Map in its Earliest Known State', in: Imago Mundi V, 1947

HARRISSE, H.: The Discovery of North America. A Critical Documentary, and Historic Investigation. Paris, 1892.

KEUNING, J.: 'The History of Geographical Map Projections until 1600', in: Imago Mundi XII, 1955.
MORISON, S.E.: The Great Explorers. The European Discovery of America. New

York and London, 1978. NORDENSKIÖLD, A.E.: Facsimile-Atlas to The Early History of Cartography.

Stockholm, 1889. SWAN, B.F.: 'The Ruysch Map of the World (1507-1508). in: Papers of the Bibliographical Society of America. XLV, 1951.
TAYLOR, E.G.R.: 'A Letter Dated 1577 from Mercator to John Dee', in: Imago

Mundi XIII, 1956.



Collectors' Barometer

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Compiled by John Goss and Catherine Slowther

LOT DESCRIPTIONS for all maps and atlases realising over £1000 in auction (or its equivalent) are reproduced here in full. The report includes not only conventional atlases but also books whose importance is governed almost entirely by the maps they contain rather than their other contents. The prices are 'hammer' prices to which must be added the buyer's premium where applicable. Each lot is numbered for quotation purposes. These reference numbers are also used below in the cumulative index to the auction reports in the last four issues. Although auction results are helpful in forming judgements on general price trends over a period, it can be very misleading to base any conclusion on the price realised for an individual lot. Prices for similar items can vary from auction to auction depending on the circumstances of the particular auction and the condition of the item offered for sale. Condition is very important and, however well described, can only be judged by personal examination.

The totals noted at the foot of each auction report are for all maps and atlases sold at that auction including lots which realized less than £1000.

Every effort is made to report all major auctions of maps and atlases throughout the world as soon as possible, but occasional delays may occur in obtaining information and some reports may have to be carried over to subsequent issues. The total realized for maps and atlases sold in auction reported in this issue amounted to £413,963.

Exchange rates used in this report:

Swiss francs 4.08 = £1 (18/19 June); Guilders 4.6 = £1 (30/31 March) Guilders 4.55 = £1 (29 June/2 July) DM 4.69 = £1 (6 June);

A.L. VAN GENDT & CO, B.V. AMSTERDAM MARCH 30/31 — APRIL 1, 1981 (PREMIUM 20%)

AA, P. VAN DER (ed.) Naaukeurige Versameling der gedenk-waardigste Zee en Landreysen na Oost en West Indien, mitsg. andere Gewesten, ter eerster ontdekking en vervolgens ... waar van eenige noyt gedrukt, andere nu eerste uyt haar oorspronk. Taalen overgeset, en verbeterd zijn; beginnende met ... 1246 en eyndigende op dese tijd (1698). Leyden, P. van der Aa, (1706)-'07, 123 (of 127) parts in 27 vols., bound in 28 (vol. 13 consisting of 2 vols.). With 605 engr. fold. maps & plates (i.a. by Jan Luyken). one engr. front. & engr. title vignettes. Contemp. calf, spines richly gilt. = Extremely scarce, almost complete set, of van der Aa's extensive collection of translated travel-accounts, many of which were not translated and published before in the Netherlands. The sequence of the parts is chronological and the sources for the translations were in some cases the original manuscripts, but the greater part the collection of Barros, Herrera, Thevenot, Hakluyt, Purchas, etc. With one exception (the voyage of Le Roy to Borneo, Purchas, etc. With one exception (the voyage of Le Roy to Borneo, 1691-'98, found in vol. 6), the collection contains no accounts by Dutch travellers. All parts have a separate title, pagination and collation and were also sold independently, therefore a complete collection is almost impossible to trace. — Our collection lacks 2 plates in the first part of vol. 17 and unfortunately the last (28th) volume, which should consist of 4 parts; else a very fine set, with only a few tears, some blank corners town away, top and/or foot of a few tears a with a day. — Tiele 5 v. Feehan, by a Mellen 408. ca. 6 spines a trifle dam. — Tiele 5; v. Eeghen & v.d. Kellen 408,

TOTAL MAPS AND ATLASES f15.245 (16 lots)

JAMES NORWICH AUCTIONS LTD, LONDON 2nd APRIL 1981

Schedel, H.: Liber Chronicarum; cover size 445 x 305. Latin text. Original vellum, good condition though there is browning on many pages. 305 leaves with 30 double page maps and views and several hundred illustrations in the text. There are two famous double page maps — those of the World and of Europe — this latter being the first printed map of the continent. The other 28 views are of towns — very often the earliest representation. The book is a history of the world since the days in the Garden of Eden, and may be seen as the culmination of a rigorous tradition of chronicle writing in Nuremburg during the 15th century. (Nuremburg 1493) (1)

Blaeu, W. and J.: Le Theatre du Monde; ou Nouvel Atlas Mis au Inmiere par Guillaume and Jean Blaeu, Seconde Partie.

Cover size 500 x 335. Gilt ruled vellum, rebacked, fine condition throughout. French text. This fine atlas represents an throughout. French text. This line atlas represents an intermediate stage in the Blaeu Family's concerted work towards a comprehensive record of the geographical world which was fulfilled in the Atlas Major, 1662. There are some 47 folio maps of France, a folding map of Europe, 13 maps of Spain and Portugal, 11 of Asia, 5 of Africa and 15 of the Americas. (Amsterdam 1640)

4 John Speed: An exact geography of the Kingdom of England, Scotland and Ireland. Also a prospect of the most famous parts of the world, viz. Asia, Africa, Europe and America. Maps are all folio, uncoloured, including 48 maps of Britain and the English Counties, 14 maps of Welsh counties, one map of Scotland, 5 maps of Ireland, Mappe Monde and 27 maps of the World. All in generally good condition, some with tears and damage, stains in margins. Most however, well centred with good margins. Leather on boards, loose. (London 1676) (1)

TOTAL MAPS AND ATLASES £66,472 (313 lots)

CHRISTIES, 15th and 16th APRIL, 1981 (PREMIUM 10%)

5 COLLINS (Capt. GREENVILLE): GREAT-BRITAIN'S COASTING PILOT being a new and exact survey of the seacoast of England and Scotland, title in red and black, engraved frontispiece, 49 engraved charts and coastal profiles, many double

page, including 2 large folding charts, many with inset plans, title cartouches, sailing ships, etc., antique style speckled calf, morocco label, bookplate of John Jarrett, folio, printed for Mount & Davidson, 1792; sold as an atlas not subject to return.

6 PITT (MOSES): THE ENGLISH ATLAS, 4 vols., additional engraved titles in vols. I, II and IV, engraved portraits in vols. I, II and III, alphabetical index of places at the end of each vol., double-page plate of the Laplanders in vol. I and 176 MAPS, most double-page, a few folding, with pictorial cartouches, inset plans, arms, sailing ships, etc., many after Jansson, TITLE VIGNETTE IN VOL. I, HEADPIECES, INITIALS, PLATE AND ALL MAPS FINELY HAND-COLOURED (world map slightly torn at centre with small defects), on guards throughout, contemporary mottled calf, sides with blind-tooled panels and corner-pieces, spines gilt (spines neatly repaired) [Wing P2306], large folio, Oxford, for Moses Pitt, 1680-83-82; sold as an atlas not subject to return (4) A FINE CLEAN COPY Vol. I: 45 maps of the World and Northern regions (map no. 14 is bound in vol. II) Vol. II: 45 maps of Germany Vol. III: 45 maps of Germany (numbered to 47, without nos. 43 & 46) Vol. IV: 41 maps of the Low Countries (one map bound inverted).

TOTAL MAPS AND ATLASES £19,640 (17 lots)

SOTHEBY'S, 5th MAY 1981 (PREMIUN 10%)

SCHEDEL (HARTMANN) LIBER CHRONICARUM. FIRST EDITION 325 leaves (of 326, lacking final blank), 64 lines, partly in double-column, gothic letter, over 2,500 woodcut illustrations (including repeats), some double-page, by Wohlgemuth and Pleydenwurff including a large double-page map of Europe, the five unnumbered leaves 'De Sarmacia', and ff. 259-261 blank except for headline and foliation, fine painted initial in divided red and blue, with elaborate full-length penwork and other painted floral initials, title and seventeen leaves remargined, a few with small repairs slightly affecting text (ex. title, f. 94, ff. 259-62, ff. 301-305), outer corners of five leaves of 'Tabula' restored, illustrations between f. 83v, and f. 86v, crudely coloured in part, repair to f. 99, map and a few other leaves, illustrations on f. 29 and f. 103 slightly affected, some leaves at beginning and end with light worming cutting text, a few leaves browned or with stains, a few penmarks and inscriptions, some leaves waterstained in outer edges, century calf, rebacked, some wear, book-plate of W.H. Watts [HC 14508*; BMC ZII, 437; Goff S307] folio Nuremberg, Anton Kobergr, 12 July, 1493.

OGILBY (JOHN) AMERICA, title in red and black, engraved frontispiece, 7 double-page maps only (of 19), 24 plates (of 37), together 31 of 56 plates, numerous engravings in text, lacking binder's leaf, several plates with fold tears, occasional browning and spotting, old half calf, one cover detached, very worn; sold not subject to return [Wing O165; Sabin 50089] folio 1671.

TOTAL MAPS AND ATLASES £10,450 (14 lots)

DR. HELMUT TENNER KG, HEIDELBERG. 5-9th MAY, 1981. (PREMIUM 15%)

9 LE ROUGE, (G.L.), Atlas portatif des militaires et des voyageurs. Tome 2e. Contenant le détail de l'Allemagne réduit voyageurs. Tome 2e. Contenant le détail de l'Allemagne réduit sur les cartes de Homan et Mayer. Mit gestoch. Titel und 92 (statt 100) doppelblatter. Kupferstichkarten. Paris 1759, 4°. Kalbldrbd. d. Zt (stark berieb. und bestoßen, in den Gelenken beschäd.). VIII. 20 SS., 1 Bl. (189) Enthält ausschließlich Detailkarten deutscher Landschaften bzw. Fürstentümer. u.a.: Ostriesland. Paderborn. Osnabrück, Kleve, Holstein, Bremen, Lüneberg, Hannover, Braunschweig, Hildesheim, Magdeburg. Preussen, Trier, Darmstadt. Spessart, Hannu Wirzburg. Bemberg. Trier, Darmstadt, Spessart, Hanau, Würzburg, Bamberg, Hohenlohe, Ansbach, Kulmbach, Ulm, München etc. — Etw. stockfl. und leicht gebräunt. Ränder gelegentlich stärker, die letzten Karten in den rechten unteren Ecken braunfleckig, Name a. d. gedruckten Titel. — Ohne die Karten 8. 24, 27—30, 98 und

10 BRAUN, G., UND F. HOGENBERG, Beschreibung und Contrafactur der vornembster Staet der Welt. 6 in 2 Bdn. Mit zus.

6 gestoch. Titeln und 363 doppelblattgr. (2 gefalt.) Kupfertafeln. Köln, G. von Kempen u.a., 1582—1618. Beschäd. Hldrbde., um 1700. (155) Bachmann, S. 8 ff. Bagrow, S. 334 und 347. Fauser I, S. XXXIV. Tooley, S. 26 f. — "Dieses Standardwerk der Topo-graphie, sicher angeregt durch Münsters Kosmographie, in Format und Lay-out anknüpfend an das Theatrum orbis terrarum des Ortelius, setzt neue Maßstäbe und wirkte als Vorbild wie als Fundgrube für Vorlagen mehr als hundert Jahre lang. Sein Initiator, der Kölner gelehrte Theologe Georg Braun, der durch seine weitreichenden Beziehungen viele Vorlagen beschaffte, die künstlerischen Mitarbeiter gewann, sowie die Texte zu den Tafeln verfaßte, ist 1622 achtzigjährig gestorben. Er war der einzige des ursprünglichen Teams, der das Erscheinen des 6. Bandes erlebte. Franz Hogenberg, Kupferstecher, vorwiegend Radierer, aus Mecheln, 1567 in Köln zugewandert, und sein Lanfsmann Simon van den Neuwel (Novelanus) sind im wesentlichen die Schöpfer der Tafeln" (Fauser). Apart from its main topographical value, this magnificent work is of great interest as a record of the domestic life of the period, the town views, heraldic coats-of-arms, rural scenes, land and water transportation, public buildings, etc. It can make an equal appeal to the historian, geographer, the student of costume or the plain admirer of decorative art. A supplementary sixth volume was published in 1618" (Tooley). Die Kupfer meist in hervorragenden Abdrucken, mit den berühmten Ansichten von Amsterdam, Brüssel, Bremen, Hamburg, Salzburg, Nürnberg Heidelberg, Frankfurt/M., Köln, Wien, Basel, Bonn, Moskau Zürich, Regensburg, Linz, Innsbruck, etc. etc. — 8 Tafeln mi kleinem Bugeinriß, 12 meist im Rand leicht fleckig; Taf. 30 Bd III (Enkhuizen) stärker fleckig; Taf. 44 (Zürich) mit kl. Randausril (zu 2 mm in die Darstellung reichend) ergänzt; Taf. 19 Bd. (Wese mit hinterlegten Randern, Bugeinriß, angestaubt; Taf. 49 Bd. V (Prag) mit unmerklich hinterlegtem Einriß; Taf. 69 (Catania) im oberen Rand knapp beschn.; Taf. 43 Bd. VI (Krakau) mi Klebespur. — Tafel 4 in Bd. V verbunden. Schönes, vollständige-(besonders mit dem erst 1618 erschienenen Bd. VI), im Handel kaum noch auffindbares Ex. der seutschen Ausgabe diese prächtigen Ansichtenwerkes.

MEISNER, D., Thesauri philo-politici pars quinta. Hoc est. Emblemata ive moralia politica imaginibus artificiosis ... Primo quidem Germanice descripta, nunc vero in usum exterorum Latina explicatione adornata. (Bd. I, Tl. V). Mit gestoch. Titel und 47 (statt 52) Kupfertafeln. Ffm., E. Kieser, 1625. Qu.-Kl.-4°. Ohne (statt 52) Kupfertafeln. Ffm., E. Kieser, 1625. Qu.-Kl.-4°. Ohne Einband. 7 nn. Bll. (206) Landwehr 426. Praz, S. 418. Fauser, S. LXXIV ff. Bachmann, S. 16 ff. — Die 2. Auflage- des Politischen Schatzkästlein' erschien erstmals in lateinischer Sprache und war für das Ausland bestimmt. Die Kupfer in guten, kräftigen Abdrucken zeigen u. a. Ansichten von Allendorf. Appenzell. Arbon, Braubach, Bremgarten, Bülach, Butzbach, Konstantinopel, Dransfeld, Erlau, Frankenberg, Genf, Glarus, Hammelburg, Hechen Leicht, Michael Leicht, Manner Leicht, Mann Hammelburg, Herborn, Hersfeld, Höchst, Laufen, Loewen, Hann. Münden, Münster, Budapest, Rauschenberg, Rieneck, Rotenburg/Fulda, Landenschwalbach, Treysa, Waldeck, Zug, Zwingenberg etc. — Es fehlen 5 Tafeln: Nr. 8 Friedberg, 27 Lüneburg, 31 Osnabrück, 33 Quedlinburg und 34 Ratzeburg. Am Anfang mit Feuchtigkeitsspuren, 1 Tafel mit kleinem Randeinriß, durchgehend, besonders im Rand etw. braunfl., sonst breitrandig und gut erhalten.

12 MÜNSTER, S., Cosmographey. Oder beschreibung Aller Länder ... biß in das M.D. XCII. jare gemehret. Mit 26 doppel-blattgr. Karten, 63 doppelblattgr. Ansichten und Plänen sowie ca. 1250 Textholsschnitten (incl. Wiederholungen). Basel, Henric Petri, 1592. Fol. Beschäd. Schweinsldrbd. d. Zt. 14 nn. 1421 SS. (ohne 1434—46—, 1 nn. Bl. (282) Burmeister 82. — Die doppel-1434—46—, 1 nn. Bl. (282) Burmeister 82. — Die doppel-blattgr. Karten u. a. mit Weltkarte, Europa, Amerika, Spanien, Frankreich, Schwaben, Franken etc. — Die doppelblattgr. Ansichten u. a. von Trier, Paris, Tours, Montpellier, Genf, Rom, Venedig, Genua, Parma, Florenz, Neapel, Sitten, Fribourg, Bern, Basel, Colmar, Straßburg, Weißenburg, Landau, Speyer, Worms, Koblenz, Köln, Chur, Lindau, Freiburg, Hammelburg, Frankfurt/M., Wien (mehrf. gefalt. eingerissen u. beschäd.), Erfurt. Meissen, Freiberg, Lüneberg, Lübeck, Frankfurt/Or, Stettlin, Eger, Jerusalem etc. — Titel am Rand stark beschnitten Stettin, Beesen, Frenerg, Luneerg, Luneerk, Frankurt/O., Stettin, Eger, Jerusalem etc. — Titel am Rand stark beschnitten und aufgezogen. Die nächsten 13 Bll. lose und stark beschäd. Es fehlen 2 Bll. (SS. 1343—46). Ab S. 1401 sind die unteren Ecken und der äußerste Rand etw. beschäd. Durchgehend braun-, stockund fingerfl., stellenw. waserrandig und mit Feuchtigkeitsspuren

DM 12,000 H

13 - (STUMPF, JOH., Gemeiner loblicher Eydtgnoschaft Stetten, Landen und Völckeren Chronik wirdiger thaaten beschreybung. Hierinn wirt auch die gelegenheit der gantzen Europe, Item ein krutzergriffne Chronica Germaniae ... fürgestellt ...). Mit 3 (statt 5) doppelblattgr. Holzschn.-Karten, 8 blattgr. Karten und sehr. zahlr. Textholzschn. (Zürichm Chr. Froschauer, 1548). Fol. Schweinsldrbd. d. Zt. auf Holzdeckeln (berieb.; Kanten, Gelenke u. Kapitale abgenutzt; Schließen fehlen). 5 nn. (d. l. w.) 332 num., 10 nn. (d. l. w.); 467 num., 10 nn. Bll. (120) Erste Ausgabe. — Lonchamp 2819. Waeber III/1, S. 19. Brunet V, Sp. 572. Leemann-van Elek. S. 106. Die Schwaizersbereit. 572. Leemann-van Elck, S. 106: "Die Schweizerchronik lag im Späthrbst 1547 fertig gedruckt vor, wurde aber auf 1548 nachdatiert. Froschauer ... scheute keine Kosten und Mühe, ein typo- und volgsrahisch hervorragendes Prachtwerk zu schaffen, und es sollte bezüglich seinem Buchschmuck ein eigentliches Vollsbuch werden ... Mit dieser Chronik erreicht die Relhe der schweizergeschichtlichen Druckwerke ihren Höhepunkt; sie zeichnet sich durch eine bis anhin nie gebotene Fülle an hochwertigem Buchschmuck aus". — Die doppelblattgr. Karten zeigen Europa, Frankreich und eine Schweizkarte mit angrenzendem Gebiet. Die blattgr. Karten zeigen die schweizer Kantone. Die Textholzschnitte mit verschiedenen Berufsdarstellungen, zahlr. Wappen, außerdem eine Anzahl von Städteansichten wie Basel, Chur, Olten, Solothurn, Zürich, etc. — Es fehlen der Titel, Bl. 259 in Tl. I und das letzte weiße Blatt. — Die erste Lage gelockert und mit Eckausriß, mehrere Bll. mit Randeinrissen (7 hinterlegt). Vorderdeckel von Buchblock gelockert.) Im Ganzen gesehen, gutes, nahezu fleckenfreies Exemplar.

DM 22,500

TOTAL MAPS AND ATLASES DM 299340 (264 lots)

CHRISTIES, 20th MAY, 1981 (PREMIUM 10%)

14 BLOME (RICHARD): BRITANNIA: or a geographical ription of the Kingdoms of England, Scotland, and Ireland. FIRST EDITION, title printed in red and black, 24 engraved plates of arms on 12 leaves, 50 engraved double-page maps, some also folding and single-page plan of London (occasional minor spotting, mainly in margins), contemporary calf (a little rubbed and worn), folio, by T. Roycroft for ... R. Blome, 1673; sold as an atlas not subject to return.

[JANSSON (J.)]: A COMPLEAT BODY OF ANCIENT GEOGRAPHY ... to which is prefixed a copious introduction .. by G. Hornius, Third Edition, title printed in red and black engraved double-page anemographic plate, 56 double-page maps, some folding and 4 double-page itineraries, many maps with pictorial cartouches and inset illustrations, on guards throughout, contemporary half calf and marbled boards (a little rubbed and worn) [Koeman II Ja 11], folio. The Hague and sold by T. Osborne, London, 1741; sold as an atlas, not subject to return. A total of 60 maps, though the title calls for only 52 and Koeman for

16 KITCHEN (THOMAS): A NEW UNIVERSAL ATLAS exhibiting all the Empires, Kingdoms, States, Republics, &c. &c. in the whole World ... from the last edition of D'Anville and Robert with many improvements by Major James Rennel ... fifth edition, 75 engraved maps, hand-coloued in outline with wash borders, all except one, double-page, many also folding, with cartouches, inset plans, tables, etc., on guards throughout, contemporary tree calf (rebacked preserving original spine; joints breaking; corners rubbed), folio, R. Laurie and J. Whittle, 1801; sold as an atlas not subject to return.

KYPSELER (GOTTLIEB): LES DELICES DE LA SUISSE, 4 vols., additional engraved title, frontispiece and 72 (of 74 engraved plates and maps, many folding, contemporary calf (spines rubbed), 12mo, Leiden, Pieter van der Aa, 1714 (4). Lacking plates 'Bourg d'Appenzell' and 'Bain de Leuck'

18 MAGINI (G. A.): ITALIA ... data in luce de Fabio suo figliuolo, hand-coloured engraved title heightened with gold (foremargin and corners with small tears and wormholes; lacking portrait of the author), 30 pp. text etc. with hand-coloued engraved portrait of the author), 50 pp. text etc. with numer-torouved engraved head-pieces and decorated initials, and 61 engraved maps including 58 double-page and 3 single-page, ALL MAPS BRIGHTLY COLOURED BY A CONTEMPORARY HAND, with decorative cartouches, sailing ships, sea monsters etc., mounted on guards (map of 'Italia Antica' with small tears in lower margin), contemporary red morocco, sides with gilt fillet borders and cornerpieces, g.e. (spine a little rubbed and wormed; ties defective) [Phillips 3061], folio, Bologna, impensis ipsius auctoris, 1620; sold not subject to return.

19 MERIAN (MATTHAEUS): TOPOGRAPHIA WEST-PHALIAE, das ist Beschreibung der vornembsten und bekantisten Statte und Plätz im hochlöbl. Westphälischen Craisse, engraved state und Flatz IIII notinon. Westplantschie Crasse, ingraved title, double-page map and 50 plates, including 34 double-page, some folding (lacking printed title; waterstain in lower blank margin of circa 14 plates and affecting print area of 6 plates; tear in fold of plate of Paderborn repaired), modern vellum gilt, g.e., folio [Frankfurt 1648]\ The 85 views and plans on 50 plates include Duesburg, Düsseldorf, Münster, Osnabrück Paderborn and Solingen.

20 [METALLUS, *i.e.* MATAL (JEAN NATALE): GERMANIAE SUPERIOR 38, INFERIOR QUAE ETIAM BELGIUM DICITUR 16 TABULIS AENEIS DESCRIPTA], 51 engraved double-puge maps (of 54?), Latin text on verso (lacking title, minor worming in blank lower corner of first 9 leaves), contemporary limp vellum (small portion torn from upper cover

only traces of ties remaining), small garter crest of Henry Percy, ninth Earl of Northumberland gilt-stamped on both covers, all leaves have become detached from guards, folio, 270 x 190mm. [Cologne, J. Christophorus, 1598]; sold not subject to return. AN EXTREMELY RARE ATLAS OF GERMANY AND THE LOW COUNTRIES. The maps are all in fine condition and it must be presumed that the three missing maps of Germany (signatures F, I and Q) together with the title have been lost as with the passing of time the leaves have become detached from their guards. Metallus (1520-97) is reputed to have been the author of the *Itinerarium Orbis Christiani*, the earliest road atlas of Europe, and the British Library have an atlas of Asia similar to the above, Asia tabulis aeneis ... delineata, Ursellis 1600, also ascribed to him. For an account of the library of the ninth Earl of Northumberland see G.R. Batho. 'The Library of the Wizard Earl'. The Library, Dec. 1960, where the present book stamp is described as the earliest version known on books from this

21 ORTELIUS (ABRAHAM): THEATRUM ORBIS TERRARUM, 2 parts in one vol., including the Parergon, 2 hand-coloured engraved titles, the first heightened with gold, with hand-coloured engraved arms on verso (small area of title rubed; library stamp in corner of title and dedication), full-page pictorial epitaph and portrait of Ortelius, both engraved and hand-coloured, 5 double-page plates of landscape views and costumes and 181 maps on 144 double-page sheets, all hand-coloured, with Latin text on verso, mounted on guards (lacking 3 maps; one plate of costumes loose, supplied from another copy; one map with marginal tear repaired and small hole in title vignette; small minor damp-stain in lower outer corners towards the end), late nineteenth century roan (upper cover detached), folio, Antwerp, apud Ioannem Bapt. Vrintium, 1603; sold not subject to return. Koeman Ort 36 'The most advanced Latin edition'. The missing maps are Germania, The initial advance Latin cutton. The initial maps are Germania, Zelandicarum Insularum and Italiae. The others, with the exception of one (mentioned above) are in very good condition with FINE CONTEMPORARY COLOURING.

22 VISSCHER (NICOLAUS): ATLAS MINOR sive totius orbis terrarum: Variae Tabulae Geographicae in quibus loca in orbe bello flagrantia conspiciuntur, sepia engraved allegorical general title by G. de Lairesse, printed title in Latin, French and Dutch, 36 hand-coloured double-page engraved maps (only, of 40), some folding (foremargin of engraved title with small tears repaired, printed title laid down), contemporary calf (a little rubbed and worn) [Koeman III Vis 29], folio, Amsterdam, N. Visscher, n.d. [after 1705]; sold as an atlas, not subject to return.

£2500

TOTAL MAPS AND ATLASES £42,550 (28 lots)

HAUS DER BUCHER AG, BASEL, 18th and 19th JUNE, 1981 (PREMIUM 15%)

23 — SAMMELBAND Mit 100 gestochenen, altkolorierten Karten aus verschiedenen Atlanten von DE WIT, JANSSONIUS, NIC. VISCHER u. a. Stechern, teils datiert 1640-1741. Gr.-fol. 100 doppelblattgroße Karten, 4 weitere Kupfer mit verschiedenen Darstellungen, die Hälfte einer Globen-Karte und 1 Darstellung des antiken Helden Atlas auf der Weltkugel. Kalblederband von 1750 auf 8 Bünden mit Rsch. und etwas Rv. (berieben, Deckel restauriert und mit Schabspuren). Der Sammelband enthält 66 Karten von De Wit, 17 Karten von Janssonius, 3 von Nic. Vischer und einzelne Karten von Homann, Laurenberg, Spartel und Lazius, einige sind unbezeichnet. Neben je einer Übersichtskarte von Europa, Asien, Amerika und Afrika finden sich folgende Karten; Spanien, Italien und das Mittelmeer 19 Karten, England 4, Deutschland 17, Frankreich 14, Niederlande 20, Osteuropa 4, sowie je 1 der Schweiz, Böhmen, Elsaß und Österreich; dazu sowie je 1 der Schweiz, Bohmen, Eisab und Osterreich; dazu finden sich noch einige außereuropäische Karten. — Die meisten Karten weisen einige Risse auf, die meisten unterlegt. Bei ca. 12 Karten sind Randausisse mit Z.T. größeren Fehlstellen mit weißem Papier ausgebessert. Das alte Grenzkolorit ist meist gut. Der Atlas weist durchgehend Finger-oder Braunflecken auf.

Sfr 17,000

24 China. - NEUHOF, JOHANN, Die Gesandschaft der Ost-Indischen Gesellschaft in den vereinigten Niederländern an den Tartarischen Cham und nummehr auch Sinesichen Keyser Verrichtet durch die Herren PETER DE GOJERN und JACOB KEISERN. ... (Zweite und dritte Gesandschaft). 3 Teile in 2 Bden. Amsterdam, Jacob van Meurs, 1669-1675. Fol. Kupfertitel, Drucktitel, 2 Bl., 420 S., 2 Bl., 164 S., 3 Bl. Mit 1 Titelportrait, 1 Faltkarte, 74 meist doppelblattgroßen oder gefalteten Tafeln und 162 Textkupfern. Beriebene Kalblederbände d.Z. mit Rv. (Deckel beschabt, Ecken bestoßen) Tiele 180. Graesse IV, 675. Teil 1 in zeiter, Teile 2 und 3 in erster deutscher Auflage. Teile 2 und 3 beschreiben die Gesandtschaften von Johann van Kampen Constantin Nobel und Pieter und Hoorn. Die schönen Kupfer zeigen u.a. Ansichten von Nanking, Peking, Hangtschou usw. aber auch Tiere, Pflanzen und Genreszenen. — Die Faltkarte mit Einrissen im Falz und kleiner Fehlstelle. Durchgehend etwas stockfleckig, teils mit unbedeutenden Bräunungen.

25 — Topographia Provinciarum Austriacarum AUSTRIAE, STYRIAE. CARINTHIAE. CARNIOLAE. TYROLIS etc. Frankfurt a.M., Merian Erben, o.J. [= 1716]. Fol Gestochener Titel, 2 Bl., 92 S., 5 Bl. Register (ohne die 2 Bl. Kupferverzeichnis). Hitel, 2 B.I., 92 S., 5 B.I. Register (onto et al. 2 BI. Rupterverzeichins). Mit 6 Karten und 125 Darstellungen auf 88 teils doppelblatugroßen, teils gefalteten Tafeln. — Angebunden; a) Anhang der topographia Provinciarum Austriacarum. Ebenda 1716. 52 S., 4 BI.. Mit 23 Darstellungen auf 15 teils doppelblatugroßen, teils gefalteten Tafeln. — b) Absonderliche Beschreibung der Herrschaftten Städt und

Schlösser Windhaag, Reichenau, Horn, Drosendorff und Petronell ... Ebenda 1716. 14 S., 1 Bl. Register und 13 Darstellungen auf 9 teils doppelblattgroßen Tafeln. Schöner Pergamentband d.Z. mit



Rückentitel. Wüthrich 46a-c. Schuchard 3 C, 8 I, 12 II. Vollständige 5. Ausgabe, mit beiden Anhängen. Es fehlen einzig die 2 Bl. Kupferverzeichnis im Hauptband, hingegen sind die sehr häufig fehlenden beiden Bl. Widmung an Leopold miteingebunden. — Die Tafeln in sauberen Abdrücken mit Plattenrand, sehr breitrandig. — Eine Tafel mit winzigem Loch, sonst sehr schönes, sauberes Exemplar.

- Topographia ITALIAE Das ist Warhaffte und Curiöse 26 — Topographia HALIAE Das ist Warhatite und Curiose Beschreibung Von gantz Italien ... nebst einem vollständigen Register ... deme ist beygefügt Eine kurtze Beschreibung derer im Königreich MOREA befindenden vornehmsten Städte und Plätze ... Frankfurt, Merians Erben, 1688. Fol. Kupfertitel. Drucktitel, 2 Bl., 160 S., 6 Bl., Register; Zwischentitel, 29 S., 1 Bl. Register mit Kupferverzeichnis. Mit 9 doppelblattgrößen Karten. und 61 Darstellungen auf 45 teils doppelblattgroßen, teils gefalteten Tafeln. Beriebener und bestoßener Kalblederband d.Z. mit Rv. (Rücken und Deckel mit Schabspuren). Wüthrich 82. Schuchard 99 A. Erstausgabe, vollständig mit dem Anhang. Die Topographie stellt eine umgeänderte und erweiterte Fassung des Zeillerschen Itinerarium Italiae von 1640 dar. — Durchgehend mit unbedeutenden Stockflekchen. Die Tafel mit dem Dogenpalast eingerissen.

27 — [SAMMELBAND mit 2 topographien:] a) Topographia BOHEMIAE, MORAVIAE et SILESIAE das ist Beschreibung und eigentliche Abbildung der vornehmsten und bekandtesten Stätte und Plätze in dem Königreich Boheim ... Frankfurt, Merian [um 1660]. Fol. Kupfertitel, S. 3—192, 8. Bl. Register (ohne das Kupferverzeichnis) und 3 doppelblattgroße Karten und 35 Darstellungen auf 34 teils doppelblattgroßen, teils gefalteten Tafeln. b) Topographia BAVARIA dar ist Beschreib: und Eigentliche Abbildung der Vornembsten Stätt und Orth in Ober und Abbildung der Vornembsten Statt und Orth in Ober und Niederbeyern, der Obern Pfaltz, Vnd andern zum hochlöblichen Bayrischen Craiße gehörigen Landschafften ... Frankfurt, Merian [wohl 1656/7]. Kupfertitel, S. 3—138, 3 Bl. Register. 1 Bl. Kupferverzeichnis und 3 gestochene doppelblattgroße Karten sowie 96 Darstellungen auf 58 teils doppelblattgroßen, teils gefalteten Tafeln. Pergamentband d.Z. mit Rückentitel a) Wüthrich 49. Schuchard 15 B. Vollständiges Exemplar der Zweitausgabe, einzig das häufig fehlende Kupfervrzeichnis nicht miteingebunden. das haufig fehlende Kupiervrzeichnis ineite interingebanden. b) Wüthrich 19. Schuchard 20 B. Zweitausgabe, vollständig. — Beide Bände in tadellos sauberem Druck, die Tafeln in guten Abzügen mit Plattenrand und sehr breitrandig. Ohne Fehl

Sfr 22 000

[SAMMELBAND mit 3 Topographien:] a) Topographia ALSATIAE ec. completa, Das ist vollkömliche Beschreibung und eygentliche Abbildung der vornehmsten Städt und Oerther und eygentliche Abbildung der vornehmsten Städt und Oerther im Obern und Untern Elsaß ... Frankfurt, Merian Erben, 1663. Fol. Drucktitel, 5 Bt., 2 Bl. Register, 70 S. und 2 doppelblattgroße Karten und 55 Darstellungen auf 33 teils doppelblattgroßen, teils gefalteten Tafeln. — b) Topographia PALATINATUS RHEN1et Vicinarum Regionum Das ist Beschreibung und Eigentliche Abbildung der Vornemsten Stätte & Plätz der Untern Pfaltz am Rhein ... Frankfurt, Merian Erben [wohl 1672]. Kupfertitel, 106 S., Zwischentitel, S. 3—33; 4 Bl. Register, 1 Bl. Kupfervereichnis. Mit 4 doppelblattgroβen Karten und 98 Darstellungen auf 61 teils doppelblattgroßen, teils gefalteten Tafeln. — c) Topographia ARCHIEPISCOPATUM MOGUNTINENSIS, TREVIRENSIS. ARCHIEPISCOPATUM MOGUNTINENSIS, TREVIRENSIS. et COLONIENSIS, Das ist Beschreibung der vornembsten Stätt und Plätz in dem Erzbisthumen Mayntz, Trier und Cöln, ... Ebenda 1675. Kupfertitel, S. 3—95, 4 Bl. Register mit Kupferverzeichnis. Mit 4 doppelblattgroßen, teils gefalteten Tafeln. Schöner Pergamentband d.Z. mit Rückentitel. a) Wüthrich 15. Schuchard 28 B. — b) Wüthrich 24. Schuchard 32 B. — c) Wüthrich 28. Schuchard 36 B. — Alle drei Topographien in tadellosem Zustand, vollständig, der Pfalz-Band mit der «Zugab». Alle Abzüge sehr sauber und mit Plattenrand, sehr breitrandig. An den Rändern hin und wieder kleine Fleckchen.

- GOTTFRIED, JOH, LUDWIG, Inventarium Sveciae. Das ist: Grundliche und warhaffte Beschreibung deß Königreichs Schweden und dessen incorporierten, Provintzen ... Frankfurt a.M., W. Hofmann, 1632/33. Fol. 3 Bl., 430 S., 13 Bl., Appendix: 45 S., 1 Bl. Mtt 1 gestochenen Frontispiz, 6 ganzseitigen und 1 doppelblattgroßen Prospektkupfern, 6 Portraitkupfern und 70 Textkupfern mit Stadtansichten, alles gestochen von Fr. Hulsius.

— b) ABELINUS, JOH. PHIL. Historische Chronik oder Warhaffte Beschreibung aller vornehmen und denckwürdigen Geschichten, so sich ... von Anno 1629. biß auff das Jahr 1633 zugetragen ... Frankfurt a.M., Math. Merian, 1632. 3 Bl., 681 S., 15 bl. Register. Mit 1 gestochenen Frontispiz, 11 Karten (davon 3 gefaltet und koloriert), 2 Portraittafeln, 62 Portraitkupfern im Text, 37 doppelblattgroßen und 5 ganzseitigen Prospektkupfern, 4

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gefalteten Ansichten, 1 ganzseitigen Tafel und 4 topographischen Textkupferen. Schweinslederband d.Z. mit reicher Blindpressung auf den Deckeln und alten Messingschließen (etwas fleckig, Kapital leicht lädiert). Zu a) Wüthrich, Der Chronist J.L. Gottfried (in Archiv für Kulturgeschichte, Bd. 43, 1961, S. 188ff.). Bedeutende und seltene Topographie und Geschichte Schwedens, König Gustav Adolf gewidmet. Gottfried hatte das Werk in nur 4 Monaten niedergeschreiben; historiographisch besonders bedeutend ist der Anhang, in dem Gottfried die Ereignisse des Jahres 1632 schildert. Die Prospektkupfer zeigen die Städte Straßburg, Rom, Frankfurt Die Prospektkupier zeigen die Stadte Strabourg, kom, Frankturt a.M., Nürnberg, Augsburg ist nicht Magdeburg. Die Textkupfer zeigen meist schwedische Städte. — Zu b) Ibid. Abelinus ist nicht ein Pseudonym für Gottfried, wie Wüthrich aufzeigt; die vorliegende Historische Chronika ist eine eigenständige Arbeit des vermutlich straßburgischen Historikers, und nicht eine Fortsetzung der berühmten, 8 teiligen Chronik Gottfrieds. Daß es sich um eine «Continuation» handle, legt auch das Frontispiz von Hoffman nabe, das möglicherweise aber aus einem anderen Werk stammt. Von den Kupfern ragen besonders die Ansichten Math. Merians heraus; sie zeigen u.a. Frankfurt a.M. Frankfurt a.d.O. München, Bamberg, Bacharach, Nürnberg, Magdeburg, Erfurt, Würzburg, Augsburg u.v.a. — Durchgehend gebräunt, teils stärker, und stockfleckig. Einige Tafeln etwas fleckig, besonders die eine kolorierte Karte. Einige Tafeln mit Rissen, teilweise mit Papierstreifen hinterlegt.

Sfr 22,00

30 Merian, Mathäus. Topographia Helvetiae, Rhaetiae et Valesiae, Das ist Beschreibung und Eigentliche Abbildung der Vornembsten Stätte und Plätz in der Hochlöblichen Eydgnoßschafft ... Frankfurt a.M., Merian, 1642. Fol. S. 3—72, 3 Bl. Register, 1 Bl. Kupferverzeichnis. Mit 1 gestochenen tiel, 2 doppelblatgroßen Karten, 53 (statt 55) Tafeln mit 72 (statt 74) Darstellingen, z.T. doppelblattgroß, teils gefaltet. Pergamentband d.Z. mit Rsch. Wüthrich I 1. Schuchardt 62 A. Erstausgabe, vollständig mit Ausnahme der beiden Tafeln Schaffhausen und Dießenhofen.—Die Kupfer in guten Abzügen mit Plattenrand und gutem Papierrand. Einige Blätter unbedeutend gebräunt. Hin und wieder einige Stocksleckchen.

Sfr 39,00

31 — Topographia Helvetiae. Rhaetiae et Valesiae: Das ist, Beschreibung und eygentliche Abbildung der vornehmsten Stätte und Plätze in der Hochlöblichen Eydgnoßschafft ... Frankfurt a.M., Merianische Erben, 1654. Fol. 90 S., 4 Bl. Register (ohne das letzte Bl. mit dem Kupferverzeichnis). Mit 1 gestochenen Titelblatt, 2 doppelblattgroßen gestochenen Karten und 75 (von 76?) Tafeln, teils doppelblattgroßen gestochenen Karten und 75 (von zweichnen). Pergamentband d.Z. mit Rsch. (Deckel leicht fleckig). Wüthrich I. Schuchardt 64 B. Schönes Exemplar der zweiten Ausgabe, die nach Wüthrich und Schuchardt besonders selten ist. Der Text stimmt völlig mit den bei Wüthrich angeführten Kennzeichen überein, hingegen findet sich auf der Deutschlandkarte die Signatur Merians, die nach zeichen überein, hingegen findet sich auf der Deutschlandkarte die Signatur Merians, die nach zeichen überein, hingegen findet sich auf der Deutschlandkarte die Sugnatur Merians, die nach zeichen überein, hingegen findet sich auf der Deutschlandkarte die Sugnatur Merians, die nach zeichen überein, hingegen findet sich auf der Deutschlandkarte die Sugnatur Merians, die nach zeichen überein, hingegen findet sich auf der Deutschlandkarte die Sugnatur Merians, die nach zeichen überein, hingegen findet sich auf der Deutschlandkarte die Sugnatur Merians, die nach zeichen überein, hingegen findet sich auf der Deutschlandkarte die Sugnatur Merians, die nach zeichen überein, hingegen findet sich auf der Deutschlandkarte die Sugnatur Merians, die nach zeichen überein, hingegen findet sich auf der Deutschlandkarte die Sugnatur Merians, die nach zeichen überein, hingegen findet sich auf der Deutschlandkarte die Sugnatur Merians, die nach zeichen überein, hingegen findet sich auf der Deutschlandkarte die Sugnatur Merians, die nach zeichen überein, hingegen findet sich auf der Deutschlandkarte die Sugnatur Merians, die nach zeichen überein, hingegen findet sich auf der Deutschlandkarte die Sugnatur Merians der zeichen überein, hingegen findet sich auf der Deut

Sfr 45.000

32 Stumpff, Johannes. Gemeiner loblicher Eydgnoschaftt Stetten, Landen und Völckeren Chronick wirdiger Thaten beschreybung. Hierinn wirt auch die gelegenheit der gantzen Europe, Item ein kurtzergriffne Chronica Geranie ... fürgestellt ... Zürich, Christ. Froschauer, 1548. Fol. Titel in Rot und Schwarz, 4 Bl., 332 num. Bl., 10 Bl. Register (das letzte leer), 567 num. Bl. (mit dem leeren Bl. 188), 11 Bl. (ohne das letzte weiße). Mit fünf doppelblarrgroßen Karten, acht ganzseitigen Karten und Hunderten von kleineren Textholzschnitten mit Kriegsdarstellungen, Städteansichten, Wappen, biblischen Darstellungen usw. Holzdeckelband d.Z. mit reichgeprägtem Schweinslederbezug mit (neuerem) Rsch. (Schließen fehlen,

Schweinslederbezug mit (neuerem) Rsch. (Schließen fehlen, Kanten eingerissen, etwas fleckig). Lonchamp 2819. Barth 10216. Graesse VI, 516. Brunet V, 572. Haller IV, 396. Leemann van Elck, Der Buchschmuck der Stumpfschen Chronik, 1935, S. 10ff. — Eines der hervorragendsten Erzeugnisse der Zürcher Buchdruckkunst des 16. Jahrhunderts, gleichzeitig eine große historiographische Leistung. Wegen seiner protestantischen Haltung wurde das Werk, das unter Mithilfe von Vadian und Bullinger geschaffen wurde, von Karl V. verboten. «... ein typound xylographisch hervorragendes Prachtwerk ... es sollte bezüglich seinem Buchschmuck ein eigentliches Volksbuch werden ... Mit dieser Chronik erreicht die Reihe der Schweizergeschichtlichen Druckwerke ihren Höhepunkt; sie zeichnet sich durch eine bis anhin nie gebotene Fülle an hochwertigem Buchschmuck aus ... Für die schweizerische Buchdruckerkunst bedeutet das Monumentalwerk auf Jahrunderte hinaus eine Höchstleistung ...» (Leemann-van Elck, Off. Froschauer, S. 106). — Die zahlreichen Holzschnitte, von denen besonders die Karten und die zahlreichen, oft erstmals abgelbildeten Städteansichten Erwähnung verdienen, stammen von den Gebrüdern Wyssenbach nach Vorlagen von Vogtherr und Hans Asper, biblische Darstellungen sind teils nach Hans Holbein geschnitten. — Es fehlen einzig zwei weiße Bl. (am Anfang und am Ende), alle Textholzschnitte und der gesamte Text sind vollständig. 1 Bl. restauriert mit Textverust in der oberen Ecke, 3 weitere ohne Textverust ausgerissen und ausgebessert. Hin und wieder etwas stockfleckig. In den ersten 170 Bl. Feuchtigkeitsspur im Falz in der oberen Blatthälfte. — Abgeschen von zwei weißen Bl. vollständiges und schones

Sfr 26,000

TOTAL MAPS AND ATLASES Sfr 273,450 (16 lots)

SOTHEBY'S, 29th JUNE, 1981 (PREMIUM 10%)

33 BOWEN (E.) AND T, KITCHEN, AND OTHERS. THE LARGE ENGLISH ATLAS... maps of all the Counties in England and Wales, title printed in red and black, incorporating contents list, 45 double-page engraved maps, hand-coloured in outline, embellished with title-vignettes, inset maps, plans, views, etc, map of Bedfordshire repaired, some dampstaining of title, first map and several maps at end, a few paint-stains, map of Berkshire misbound, contemporary half russia gilt, one cover detached, very worn large folio (560mm, by 390mm.) n.d. (some imprints 1756).

£1500

34 [ATLAS] A COLLECTION OF 118 EIGHTEENTH-CENTURY ENGRAVED PLATES. INCLUDING 114 MAPS (2 folding, 112 double-page), of Austria, France, Germany, The Low Countries, Russia, Scandinavia, Switzerland, etc., by J.B. Homann (13 maps), Homann's Heirs (9), T.C. Lotter (26), M. Seutter (53), G. de Lisle's World amp and a few by others, plus a planisphere plate, Seutter's plan of Milan, 2 military campaign maps, nearly all of the maps COLOURED BY HAND in outline and the principal areas in most cases fully coloured, a few of the Homann' maps dated, between 1732 and 1761, the remainder undated, but eighteenth-century, except Moses Pitt's map of the Volga (of c. 1680), one or two maps odd, a few attached to same guards as other maps, or to versos of the latter, 6 maps detached, one or two torn or with minor perforations, small ink stamp and pencilled serial numbering on versos throughout, without title or other text, except engraved double-page leaf to accompany 2 Crimea maps, largely uncut, but some fraying or staining of blank edges, disbound large folio (590mm. by 385mm.)

£5000

SPECULUM WAGHENAER (LUCAS JANSZ) NAUTICUM SUPER NAVIGATIONE MARIS OCCIDEN TALIS CONFECTUM, continens omnes oras maritimas Galliae Hispaniae, et praecipuarum partium Angliae in diversis mappis maritimis comprehensum (title repeated in Dutch), 2 parts in 1 vol., 45 double-page engraved maps by Baptista and Joannes van Deutecom, fine engraved general title by the latter, dated 1583, dedication in Latin to Queen Elizabeth 1, 20 other preliminary leaves, including 2 full-page engraved diagrams, one with volvelle, full-page woodcut diagrams, printed tables, etc., architectural woodcut title to part 2, dedication in Latin to Frederick II of Denmark and Norway, the maps with coastal contours and embellished with elaborate title-cartouches (lettered in Dutch and Latin Koeman's state b), coats of arms, compass roses, sailing ships, sea monsters, etc., part I engraved margins of map of Europe cropped, 2 small perforations in plate 19, slightly affecting engraved surface and text on verso, part 2, side margins of plate 21 cut close, contemporary cream pigskin, blind-tooled borders, panel and lozenge-shaped centre ornament, very worn, restored [cf. Koeman Wag 5A, IV. pp. 484-485] folio (398mm. by 282mm.) Leiden, typis Plantinianis Franciscus Raphelengius, pro Luca Ioannis Aurigario, 1586 . The first edition with Latin text of the first atlas of sea charts, first issued in Dutch in 1583/4 and translated by Martin Everaerts of Bruges. Part 1 contains a general map of Europe and 22 maps of the coasts between Enkhuizen and Cadiz. Part 2 contains 23 maps of the North Sea and the Baltic. A FINE COPY OF THIS IMPORTANT MARITIME ATLAS.

£19,000

36 ORTELIUS (ABRAHAM) THEATRUM ORBIS TER-RARUM, with the Parergon and Nomenclator Ptolemaicus, 3 parts in 1 vol., architectural engraved title, arms of Philip III of Spain on verso, engraving of Ortelius monument, 2 portraits of Ortelius (one a hand-coloured duplicate, mounted as frontispiece), 147 (of 151) engraved maps, including 33 in the Parergon, engraved title to latter, plus the plates 'Tempe' and 'Daphne' and 2 costume plates 'De Institutione et Ordine Imperii Germanici', the maps embellished with historiated and other cariouches, arms, animals, sea monsters, sailing ships, etc., the engraved title cut around the remargined, fore-margins of 5 following leaves renewed, wanting Koeman's maps 106 and 116-118, repair or clean tear at bottom of centre fold of one or two maps, a few rust-spoits or minor stains, neal manuscript numbering on versos of top fore-corners of most maps in the first part, eighteenth-century polished dark brown mottled calf, rubbed [cf. Koeman Ort 34, 36, III, pp. 60-62] folio (457mm. by 292mm.) Antwerp, J. B. Vrients, 1603.

£11,000

37 [ATLAS] A COLLECTION OF 76 ENGRAVED MAPS, mostly eighteenth-century, a few earlier, of America, Africa, Asia, Europe, Great Britain, the Low Countries, India, Japan, Russia, Scandinavia, etc., mostly by W. de L'Isle and H. Jaillot, others by N. de Fer, J. B. Nolin, A. Reland, M. Seutter, etc., variously dated, between 1690 and 1754, some undated hand-coloured in outline, a few uncoloured, cartouches and other decorative features, several maps folding, some in 2 sheets numbered separately, printed and manuscript numbering on versos, manuscript index at end (order differs), some numbers missing, some maps imperfect, repaired, frayed or cropped, 2 detached, plus de L'Isle's uncoloured chart of the Caspian Sea (2 sheets), Paris, n.d., N. de Fer's uncoloured plans of Paris and St. Petersburg, both Paris, 1717, and J. B. Nolin's large folding map: Le Canal royal de Languedoc, with many coats of arms and 53 small engravings of aqueducts, etc., Paris, 1697, on later guards throughout, eighteenth-century calf gilt, worn folio (500mm, by 340mm.) n.p., n.d.

38 CORONELLI [V. M.]) ISOLE BRITANNICHE: Inghilterra, Scozia, Irlanda, 3 parts, title 3 sub-titles, 3 plates of arms (Great Britain, dated 1681, folding, Scotland, Ireland, 2 engravings), portrait of William III (folding). 2 portraits of Queen Anne, symbolic plate of Britannia, 10 maps (7 folding: Great Britain, England, Scotland, Ireland, each of the last 3 in 2 sheets, plus one full-page of each of the latter). 19 other maps or coastal charts, 1 compass rose, 40 city plans and views (London, etc.) on 38 plates (3 folding, 35 full-page), 127 small engraved views, etc., on 4 plates

(3 folding), separate leaf of text (in Italian) to England, Scotland and Ireland, short tears in a few of the folding plates; OXONIAE ATQUE CANTABRIGIAE UNIVERSITATES CELEBERRIMAE a Patre Cosmographo Coronelli ... imaginibus illustrae, 2 parts, Oxford: half-title, sub-title, arms, portrait of Queen Anne, 8 folding plates of figures in academic costume, tear in one fold, 2 views (folding) and 3 plans of Oxford, 35 views of the Colleges on 32 plates, 2 folding interior views of the Bodleian Library; Cambridge: half-title, sub-title, arms, seal, portrait of Queen Anne, ? wanting the costume plate, 24 views of the Colleges, etc., on 23 plates (3 folding), plan of Cambridge, 5 parts in 1 vol., engraved throughout, comemporary parchment, spine lettered in manuscript oblong sm. folio (200mm. by 280mm.) [Venice, c. 1705].

£1500

39 PETTY (Sir WILLIAM) HIBERNIAE DELINEATIO, double-page engraved title incorporating contents table, portrait of Sir William Petty and 36 engraved amps (6 folding, 30 double-page), decorative title- and scale-cartouches, etc., portrait a little discoloured, early signature on title, contemporary half calf, marbled boards, worn folio (448mm. by 300mm.) [1685].

£2400

TOTAL MAPS AND ATLASES £61,301 (153 lots)

A.L. VAN GENDT & CO. B.V. AMSTERDAM JUNE 29th — JULY 2nd, 1981 (PREMIUM 20%)

40 ATLAS consisting of 82 engr. maps (79 double-page, 3 fold.), 1 double-page 'imaginary' map, 1 double-page plate of a man-of-war & 1 double-page table of distances, the greater part hand-coloured, some coloured in outline. Dated 1728-'77. Contemp. blindstamped russia, back gilt & titled 'Atlas Terrestris Tom. 2", letter false.

f15,000

41 BLAEU, W.J., De Groote Zee-spiegel, Inhoudende een korte Onderwijsinge in de Konst der Zeevaert, en eene Beschrijvinge der Zeekusten van de Oostersche, Noordsche en Westersche Schipvaert, Amst., J. Blaeu, n.d. & 1658. 3 parts, I vol. With 110 (of 111) engr. maps (1 double-page, 105 full-page, 4 in the text), woodcut diagrams & figs. (some with volvelles) & woodcut coastal profiles. Contemp. limp vellum (loose, badly soiled & warped), folio. = Cf. Koeman M. Bl. 46 B. A very rare maritime atlas, of which the collation is in accordance with that given by Koeman, with the exception that our copy has no date on the first title. — Lacks title part 3 and the following double-page map 'Pascaerte van de Westersche Schipvaert'; the volvelles loose and probably some lacking; first title dam.; several maps & quires loose & frayed; other imperfections; somewhat browned & foxed throughout; some waterst. — Sold w.a.f., not subject to return.

f9,000

42 MERCATOR, HONDIUS & JANSSONIUS, Appendix Atlantis, Ofte Vervolgh vande gantsche Werelt-beschrijvinghe. Waerinne veele nieuwe Caerten... (etc.). Amst., J. Janssonius & J. Hondius, 1637. With a fine engr. title & 102 double-page engr. maps (the course of the Rhine & Danube each consisting of 2 sheets). Contemp. vellum, giltstamped in center (stained, creased & warped), ties partly preserved, folio. = Koeman Me 48 knows only one copy of this very rare atlas, in the Pronvincial Library, Leeuwarden. The edition was based on Gerard Mercator's Atlas, with enlargements by Hondius and Janssonius. The present atlas contains 7 new maps. The printed title & address is pasted over that of the French edition of 1633 (cf. Koeman Me 36). Cont.: Worldmap; 15 maps of England, Scotland & Ireland; 3 of Russia; 11 of the Netherlands; 18 of Germany & Austraia; 17 of France; 5 of Spain; 18 of Italy; 3 of Africa; 5 of Asia; 6 of America (Caribbean area, Virginia, New England & New Netherland, Rio de la Plata, Chile, Antarctica). All maps have printed text in Dutch on recto and verso. The 6 maps 'Veteris typus' are lacking in the present copy (one of the Netherlands, 2 of France, 1 of Germany, 1 of Spain, 1 of Italy). Tear in engr. title skilfully repaired; innermargin of title and text-lvs. neatly repaired; some maps a bit stained and/or foxed, but on the whole a good and clean copy, with ample margins. All maps are embellished (some with coats of arms, cartouches, natives, ships, sea-monsters, etc.), some maps have an inset or plan. Especially decorative is the worldmap, surrounded with allegorical illustrations of the elements, the seven wonders of the world, the four seasons and the signs of the Zodiac.

f18,000

43 NIEUHOF, J., Gedenwerdige Brasiliaense zee en lantreize. Ben. een bondige beschrijving van gantsch Neerlants Brasil. d'oorlogen en opstant der Portugesen sedert 1640. tot 1649. Amst., J. van Meurs. 1682. — B. w.: IDEM, Zee en lantreize door verscheide gewesten van Oostindien. Ibid., id., 1682. — Tog. 2 works in one volume. With engr. title, armorial plate, 3 doublepage maps, 46 double-page plates & num. text-engravings. Contemp. marbled calf, back richly gilt & with red morocco label, folio. = Tiele 799; Borba de Moraes II, 101. Although published with separate titles & collation, the works belong together as the engr. title ('Gedenkwardige zee en tantreize door de voornaemste Landschappen van West en Oostindien') indicates. The author lived in Brazil during nine years, from 1640-49 and is considered the best authority for that period, afterwards he entered the service of the East India Company. The very fine illustrations include a series of views in old Batavia. — Some light waterstains, old owner's entry on title; joints a bit weak, but a very good copy.

TOTAL MAPS AND ATLASES f73,635 (29 lots)

CHRISTIES, 15th & 16th JULY, 1981 (PREMIUM 10%)

44 BERTIUS (PETRUS): GEOGRAPHISCHER EYN ODER ZUSAMMENGEZOGENER TABELN. Fünff unterschiedliche bücher ... engraved title (a little rubbed; fore-margin slightly fraved).

168 engraved maps all, except astrological plate, coloured by hand, German text on versos, contemporary vellum (covers a little stained and discoloured) (Maritime Museum Catalogue III, 56, calling for 171 uncoloured maps), oblong 8vo, Frankfurt, Matthias Becker & Heinrich Laurentz, 1612; sold as an atlas, not subject to return. The five parts are composed as follows: 1 The World, 2 maps; II Europe, 111 maps; III Africa, 16 maps, IV Asia, 26 maps, V

45 BLAEU (WILLEM & JAN): LE THEATRE DU MONDE ou Nouvel Atlas, PART III, hand-coloured engraved title with printed overslip, 66 double-page engraved maps, including 3 in the text, hand-colourd in outline with coloured borders, pictorial cartouches and inset plans, arms, illustrations, etc., mounted on guards throughout (4 maps slightly browned), contemporary gilt panelled vellum with gilt cornerpieces and central arabesque, g.e. (wanting ties) [Koeman I B1 35C], folio, [495 x 330mm.], Amsterdam, W. & J. Blaeu, 1640. Maps of Italy, Greece and 4 supplementary maps of England, Scotland and Ireland.

46 BLAEU (WILLEM & JAN): LE THEATRE DU MONDE OU NOUVEL ATLAS, PART III, hand-coloured engraved title with printed overslip, 66 hand-colourd engraved maps including 61 double-page, 2 full-page and 3 half-page with coloured borders, pictorial cartouches and inset arms, illustrations, etc., mounted on guards throughout (very occasional marginal staining), contemporary gilt panelled vellum with gilt cornerpieces and central arabesque (a little worn, covers slightly stained) [Koeman I, B1 35F], folio [510 x 330mm.], Amsterdam, J. Blaeu, 1645. The volume contains 58 maps of Italy, 4 of Greece and 4 of the British

47 COLLINS (Capt. GREENVILLE): GREAT-BRITAIN'S COASTING PILOT... being a new and exact survey of England and Scotland, engraved emblematic frontispiece, title printed in red and black, 49 engraved charts and coastal profiles, many doublepage, some folding, all mounted on guards (outer edges of frontis-piece, title and preliminary ll. repaired; some charts with minor prece, title dria preliminary u. repaired, some charts with minor marginal damp-staining: minor worming affecting guards and a few charts in latter half), red levant morocco, gilt g.e., in buckram box by Sangorski & Sutcliffe, large folio, for J. Mount and T. Page, 1771. On 2 blank leaves, before the frontispiece, is a ms. list of 10 vessels on which this pilot book was used between 1779 and 1788. Included in this list is CAPT. COOK'S SHIP ADVENTURE. The entry reads 'Coasting Pilot belonging to the ship Adventure for the year 1785, to Whitby for London, sold Feb. 1786'. When Cook embarked on his Southern Circumnavigation on 13 July 1772 he used two Whitby colliers *Drake* and *Ralegh* of the same type as the Endeavour which had proved so successful for his first voyage. He renamed them Resolution and Adventure. Eleven years after the voyage Adventure was sold by the Admiralty and returned to its old trade as a collier between Whitby and London.

48 FLINDERS (MATTHEW): A VOYAGE TO TERRA AUSTRALIS... in the years 1801, 1802 and 1803 in His Majesty's ship the Investigator ... with an account of the shipwreck of the Porpose, arrival of the Cumberland at Mauritius, and imprisonment of the Commander during six years and a half in that Island, FIRST EDITION, 2 vols., text with 9 engraved plates (some plates foxed and offset on text; lacking half titles); and ATLAS with 16 engraved double-page charts, including 9 folding and 12 double-page plates, including 2 large folding plates of coastal profiles (occasional foxing and light offsetting), modern half calf by Berkelouw, Sydney [Ferguson 176; Sabin 24758; Hill Pacific Voyages, p. 106], 4to and folio, 1814 (3).

[MERIAN]-WERDENHAGEN (JOHANNES A. V.): DE REBUSPUBLICIS HANSEATICIS TRACTATUS, engraved title, 39 double-page maps including 14 maritime maps, 23 portraits, folding panorama of the river Elbe, 133 views on 104 double-page plates (lacking portrait of the author and possibly a printed title; some waterstaining throughout, affecting mainly lower outer corner of many plates), contemporary vellum, folio, Frankfurt, Matth. Merian 1641; sold as an atlas not subject to return. The views, all of towns, largely taken from Merian's topographies, comprise 24 of Switzerland, including Zurich, Berne, Lucerne, Geneva, Basle; 23 of the Netherlands, including Amsterdam, Rotterdam, Antwerp, Leiden, Harlem, etc.; the others mostly of German towns from the volumes of Lower Saxony (Bremen, Hamburg, Rostock, Lübeck), Braunschweig, Brandenburg, Cologne, Erfurt, Hildesheim, Kiel, Danzig, Göttingen, Hannover, Stralsung, Königsberg. Other views show Copengagen, Bergen, Stockholm, Cracow, London, Antwerp, Dover, Lisbon, Marseille, Genoa, Venice, Rome and Constantinople. Apart from a fine world map of Merian, the maps are mostly of Europe and Germany. The 14 nautical maps are of the North Sea and the Baltic. Of the greatest rarity. An earlier owner notes that this work has been described in Joh. Voigt, Catalog. libror, rarior, editiones, Hamburg, 1747, p. 723, as 'haec sumtuosa est et rarior^a.

50 OGILBY (JOHN): BRITANNIA: OR, THE KINGDOM OF ENGLAND AND DOMINION OF WALES actually survey'd with a geographical and historical description of the principal toads. 100 double-page engraved strip maps with title cartouches (final map creased; two maps slightly shaved; occasional marginal waterstaining and maps 'London to Bristol' and 'Oxford to Chichester' defective, small areas having been cut out), old panelled calf (rebacked) [Chubb CHa], folio, for Abel Swall and Robert Norden, 1698; sold not subject to return. A reprint of the 1675 first edition, without the map of England, or the engraved frontispi

PTOLEMAEUS (CLAUDIUS): GEOGRAPHICAE ENNARATIONIS LIBRI OCTO, ex Bilibaldi Pirckeymheri tralatione, sed ad graeca & prisca exemplaria a Michael Villanouvano iam primum recogniti, woodcut printer's device on title, full-page woodcut anemographic illustration after Dürer, fullpage woodcut diagram and other illustrations, text within fine architectural historiated borders, possibly by Holbein, indexes with woodcut scroll headlines, 48 double-page and one single-page map (lacking the final map 'Tabula totius orbis'), all maps on guards (title slightly frayed), contemporary limp vellum (worn, later endpapers), folio 415 x 280mm., Lyons, Melchior & Gaspar Trechsel. 1535. Sabin 66483; Baudrier XII-243; Harrisse 136. This edition uses the same blocks for the maps as the Strassburg 1525 edition, but the text has been re-edited by Servetus (i.e. Villanovanus), which caused many copies to be destroyed. Apart from the lacking world map, three of the maps relate to America, including one giving an account of Columbus.

ROBERT DE VAUGONDY (GILLES & DIDIER): ATLAS UNIVERSEL, engraved pictorial title, 108 double-page engraved maps, hand-coloured in outline, with title cartouches, inset maps, react, mounted on guards, 5 pp, list of subscribers, old calf (worn), large 4to [540 x 410mm.], Paris, chez les auteurs, 1757; sold not subject to return. Includes 5 maps of the Americas and Canada, two world maps and 5 maps of the Post Roads of Europe, the latter not called for by the list of contents.

£3000

MERIAN (MATTAEUS) & MARTIN ZEILLER: TOPO-GRAPHIA GALLIAE sive descripto et delineato famosissimorum locorum in potentissimo Regno Galliae, 13 vols. in 4, additional engraved title to vol. I, and engraved titles to vols. II-IX, over 300 engraved maps, plans and views, mostly double-page mounted on guards (a few plates in vol. III affected by minor waterstain; some text leaves discoloured in vol. IV), old speckled calf, spines gilt with morocco labels, 4to, Frankfurt, Caspar Merian, 1655-61; sold not subject to return. Vol. I comprises Paris and suburbs with 3 folding maps, 2 folding plans and 2 folding panoramas of Paris (lacking 3 plates listed in the index: Clermont, Meaux and Noyen, probably never bound in) Vol. II is Picardie: III champagne and Brie with folding panorama of Tonnerre La Charité: V Lyons: VI Berry, Auvergne and Limosin: VII Angouleme, etc. with a panorama of Saumur/Tours Vol. VIII Normandie, with folding map and panorama of Rouen: IX Bretagne, with folding plate of Nantes/S. Malo: X Guienne. Gascogne, with panorama of Bordeaux: XI Languedoc: XII Provence, with folding plate of Avignon/Frejus: VIII Denships with folding plate of Avignon/Frejus: XIII Dauphiné, with folding plate of Grenoble

54 OGILBY (JOHN): BRITANNIA ... or, an illustration of the Kingdom of England and Dominion of Wales by a geographical and historical description of the principal roads thereof, vol. I (all published), engraved frontispiece by W. Hollar after F. Barlow and 100 engraved double-page strip maps with overhead titles and (10) engraved double-page strip maps with overhead titles within decorative carbouches mounted on guards (map of England torn at fold; 'Cambridge to Coventry' laid down), 19th Century half morocco [Chubb CI], folio, by the author, 1675; sold as an allas, not subject to return. THE FIRST SURVEY OF THE ROADS ON ENGLAND AND WALES. 'Of particular and historical importance, as it displaced the old British mile of 2.428. yards, and substituted it for the statute mile of 1,760 yards, thus effecting a revolution in customary measurements'. (Sir George Fordham, The Library, Sept. 1925)

55 SPEED (JOHN): THE THRETRE OF THE EMPIRE OF GREAT BRITAIN presenting an exact geography of the kingdomes of England, Scotland, Ireland, and the Iles adioyning with the Shires, Hundreds, Cities and shire-townes, 4 parts in one, pictorial title with engraved historiated border, titles for Scotland and Wales with woodcut borders, contents leaf and engraved or woodcut royal arms in each part, and 67 double-page maps from the surveys of John Norden and Christopher Saxton, mostly engraved by Jodocus Hondius with inset plans, views, arms, vignettes etc., text on versos, mounted on guards (map of Norfolk slightly discoloued), diced russia, the Mark Masterman Sykes copy with his crest and monogram in gilt on upper cover [Chubb XXII], folio, 1611-12; sold as an atlas not subject to return. A FINE COPY OF THE FIRST EDITION OF THE FIRST ATLAS WITH THE

56 DRAYTON (MICHAEL): POLY-OLBION, or a chorographicall Description of Tracts, Rivers, Mountaines, Forests and other parts of this renowned Isle of Great Britaine, FIRST EDITION, second issue, additional engraved title (shaved at outer edge) and 18 double-page folding engraved maps (a few just shaved, two with small tears, another with minute tear, small hole in one, affecting print area, some light staining throughout, lacking engraved portrait of Prince Henry), nineteenth century calf [STC 7227; Grolier, Langland to Wither, 83], sm. folio, 1613.

DRAYTON (MICHAEL): POLY-OLBION, FIRST EDITION, issue without printed title, engraved allegorical title (small hole affecting plate), portrait of Prince Henry and 18 double-page maps (three just shaved, two torn affecting plate, two with small holes at edge, affecting plate, some waterstaining throughout, mostly in margins), contemporary calf, gilt spine (rebacked, preserving original spine)[STC 7226; Hayward 43], small folio [1612]

KIP (JOHANNES): NOUVEAU THEATRE DE LA GRANDE BRETAGNE, 5 vols., including Supplement and ATLAS ANGLOISE, bound at the end of vol. V, titles printed in red and black, title to vol. I with engraved royal arms, 365 engraved maps, plans and plates after L. Knyfle and others, mounted on guards throughout, list of plates in each vol., contemporary mottled calf, gilt panelled sides with central gilt ornament, spines gilt, large tal), gai panetas situs minorios folio, 1724-28. (5). A VERY FINE SET composed as follows: Vols. I & II: ... DESCRIPTION EXACTE DES PALAIS DU ROY ET DES MAISONS LES PLUS CONSIDERABLES DES SEIGNEURS & DES GENTILSHOMMES DU DIT ROYAUME, Joseph Smith, 1724, containing 150 engraved plates ROYAUME, Joseph Smith, 1724, containing 150 engraved plates, all, except one, double-page, one also folding (one plate in vol. II with small tear in blank margin). Vol. III: ... DESCRIPTION EXACTE DES ARCHIEVECHEZ & EVECHEZ D'ANGLETERRE DE LEUR FONDATIONS, CATHEDRALES ... &c., imprint as vols. I & II, additional engraved title with vignette, 49 plates, all double-page except 4, 8 also folding, including large folding plan of London, and views of St. Pauls, Oxford, and Cambridge (plate of Church of St. Albans slightly shorter; lacking Table Genealogique & Chronologique de la Ligne Royale d'Angleterre). Vol. IV ... DESCRIPTION EXACTE DES VILLES, PALAIS DU ROY, PORTS DE MER &c., imprint as above. 73 plates, mostly double-page. 10 also &c., imprint as above, 73 plates, mostly double-page, 10 also folding, including folding views of Westminster, the City of London, Bristol and Edinburgh, a map of England, plan of Edinburgh and a table of the Cities and Market Towns (small tear in blank margin of one plate). Vol. V ... SUPPLEMENT ... OU DESCRIPTION EXACTE DES MAISONS LES PLUS CONSIDERABLES DES SEIGNEURS & DES GENTILSHOMMES DE LA GRANDE BRETAGNE AVEC LES PLANS DE PLUSIEURS VILLES, ABBEYES, & EGLISES, CATHEDRALES D'ECOSSE, chez J. Groenewegen & N. Prevost, 1728, containing 84 plates, many double-page, 2 also folding including large folding plate of Edystone Light-House. Bound at the end: (JANSSON (J.)): ATLAS ANGLOIS OU DESCRIPTION GENERALE DE L'ANGLETERRE, 38 double-page map [Chubb LXXXI], J. Smith, 1724.

59 ITALIE (L') ILLUSTREE en CXXXV figures ... par les plus fameux graveurs des pais-Bas avec les explications en Italien plus tameux graveurs des pais-Bas avec les explications en Italier en Francois & en Latin, 2 paris in one vol., engraved throughout, frontispiece, pictorial general title, part titles and 135 double-page engraved plates, mounted on guards (2 plates with small tears at fold), contemporary mottled calf gilt with the arms of Jean de Boullongue, Comte de Nogent (skilfully rebacked), folio, Leyden. Cornelius Haak, 1757. The first part contains 115 plates Vues des palais, batimens célèbres, places, mascarades, et autres beautés singulieres de la Ville de Vénise and the second 20 Vues et des morceaux choisis d'architecture des principales villes d'Italie.

TOTAL MAPS AND ATLASES £67,020 (35 lots)

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BUNON/CLUVER, 'Veteris et Novae Britanniae Descriptio'; 1694; 10" x 8½"; uncol.; title in scroll cartouche; Northern Isles inset in decorative border; compass rose. V.g. DAVIES'S NEW MAP of the British Metropolis

DAVIES'S NEW MAP of the British Metropolis .: Stanford, 1875; 361/2" x 251/4"; dissected. mounted on linen, folding into cloth covers. Scale 3" to 1 mile; original full hand-col.

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MÄ PHILIPPE, Les Isles Britaniques; 1760; 14¾" x 10½"; uncol.; dec. cart.; compass rose; scale; 3 arms. Similar extention of lat. as above. V.∰: £30

ZATTA, Il Regno Ungheria; Venive, 1781; 16" x 12¼". Orig. outline col.; cartouche; V.g. £18

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BLAEU (WILLEM JANSZ) The Light of Navigation, Amsterdam, 1612, facsimile reprint with an introduction by R.A. Skelton, oblong 4to, Amsterdam, 1964.

Amsterdam, 1964. £21
HOLLOWAY (M.) Steel engravings in Nineteenth Century British Topographical Books, A
Bibliography, imperial 8vo, London, 1977. £15
SKELTON (R.A.) County Atlases of the British
Isles, 1579-1850, Part I 1579-1703. A Bibliography, numerous reproductions, imperial 8vo,
London, 1970. £12

TOOLEY (R.V., EDITOR) Map Collectors' Circle, complete set, Nos. 1-110 (all published), numerous reproductions, bound in 11 vols., roy. 8vo, original red cloth, London, 1964-1975.

TOOLEY (R.V.) Printed Maps of Tasmania, 1642-1900, first edition, 50 reproductions, imperial 8vo, original cloth, London, 1975.25 COOK (CAPT. JAMES) and Capt. James King. A Voyage to the Pacific Ocean ... for making Discoveries in the Northern Hemisphere to determine the Position and Extent of the West Side of North America; its Distance from Asia; and the Practicability of a Northern Passage to Europe, 1776-80, first edition, 24 charts and engraved plates, 3 vols. 4to, contemporary calf, rebacked, original spines laid down + folio atlas containing 2 charts and 61 engraved plates, contemporary half calf (cover slightly worn), not uniform with text binding, London, 1784.

The folio atlas is extra illustrated with 2 separately issued portraits of Cook and King and the 'Death of Cook' drawn by Webber and engraved by Bartolozzi.

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reduite des parties connues de Globe
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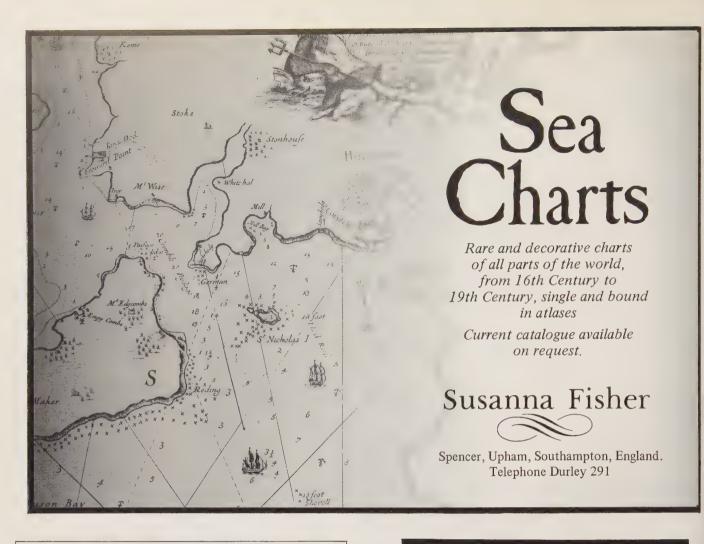
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CENTRAL EUROPE. Germania Teütschland/ die ander Landtafel des anderen buchs. Woodcut map from Stumpf's Chronicle, 1548. 28 x 39cm. Shows the district between Danzig, Vienna, Bern, Gent and Hamburg. A few brown spots, middlefold rep. b/w. DM 570 EUROPE depicted as a lady. Woodcut map from Münster's Cosmography, c. 1614. 26 x 16cm. b/w. DM 700 GERMANY. La Vestfalia ... Coronelli, 1693. 46 x 61 cm. 2 fine cartouches, v.g. b/w. DM 970 GERMANY. Parte settentrionale (+ meridionale) ... di Colonia. Coronelli, 1693. 2 sheets, 46 x 61 cm. each. b/w. 2 fine cartouches. The Rhine district from Wesel to Ehrenbreitstein. v.g. DM 1535

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SEA CHARTS:

THE NORTH SEA. Groote nieuwe Paaskaart van de gehele Nord-Zee. Van Keulen, c. 1705. 59.5 x 100cm. b/w. With the w. coast of Norway and Jutland, the Netherlands, and the e. coast of England. Fine copy, very rare. DM 2430 THE PACIFIC. (De Zuyd Zee of Mer du Sud). Van Keulen, c. 1720. 51 x 60.5cm. b/w. Shows most of the American continent (Calif. as an island), at w. New Guinea, and a faint trace of the coast of Van Diemen's Land and New Zealand. v.g. Rare. DM 3740 FLORIDA — CUBA. Pas kaart van de Boght van Florida met de Canal tusschen Florida en Cuba ... Van Keulen, (1684). 52 x 59cm. Fine cont. colour heightened w. gold. W. 3 insets: Bahia de Matanças — Havana — Baja Hondo Large cartouche. Shows the s.e. coast of Florida from ab. Miami to Arecife, and the e. part of Cuba w. Havana. v.g. DM 1625





HENNEPIN'S NEW WORLD 1698 (above) & MOLL'S WEST INDIES 1711 (below). Just two items from *The New World*: William J. Faupel's Catalogue 81: for all collectors of Americana, which contains 258 items of which 210 are illustrated. The text contains interesting descriptive and bibliographical data which I hope will be of value to readers for reference purposes. Write now for my catalogue and meanwhile check Collectors' Marketplace on page 63. W.J. Faupel, M.Tech., M.Phil., 3 Halsford La., East Grinstead, Sussex, England.



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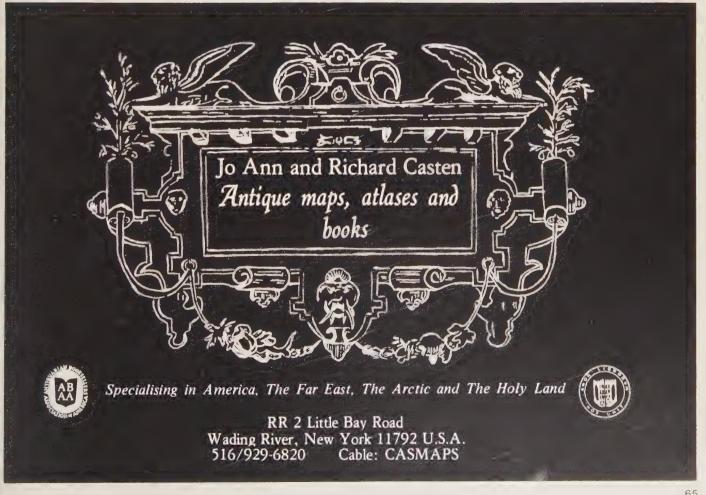
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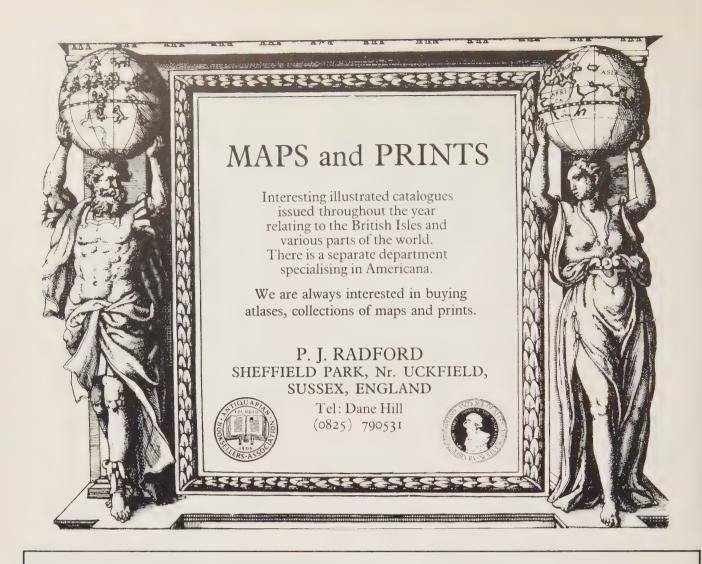
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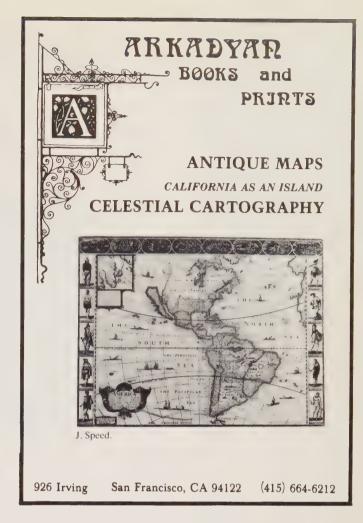
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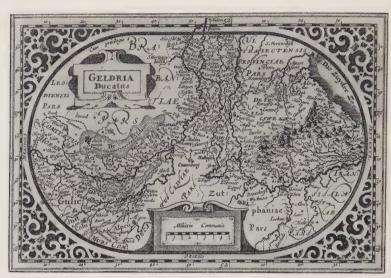
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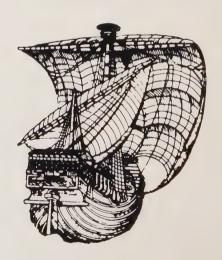


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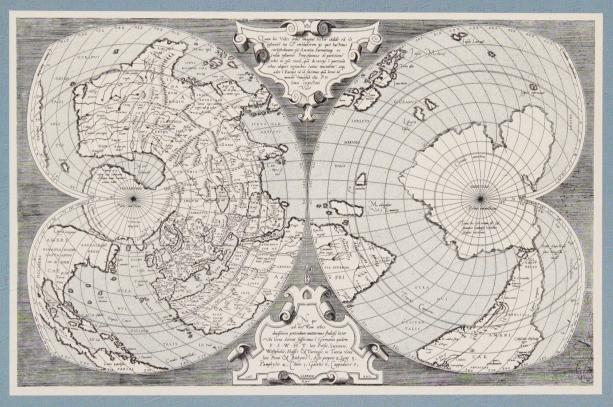
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