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Cover Illustration:

A detail from 'G. Firks & Son's "Westward Ho!" Map of Devon and Cornwall', (?1895). (By courtesy of the Bodleian Library, Oxford.)





Ronald V. Tooley

Valerie G. Scott



Happy Christmas to all our readers

This issue marks the completion of our fifth year of publication -Issue 1 appeared in December 1977. We feel proud now that we are five years old but not, we hasten to add, in any way complacent. We will remember 1982 as a year when we gained an amazing number of new subscribers and advertisers from all parts of the world and as a year when we made many new friends. The editor particularly felt this as she managed to cross the Atlantic to visit some readers and contributors in Canada and America and wishes to thank all those who were so hospitable and kind during that trip.

In particular, the staff of the Geography and Map Division of the Library of Congress in Washington (what an impressive place that is with near-perfect conditions for preserving their marvellous collection of early maps, atlases, globes and even powder horns!) and the members of the committee of the Washington Map Society who gave their time to discuss 'The Map Collector.' Also, her thanks to the Ottawa Map Society for an enjoyable evening meeting the members, visiting the map exhibition at the National Archives of Canada and for listening to the talk about the magazine. And a special mention for the magazine's editorial advisers, Dr Walter Ristow and his wife Helen (USA) and Edward Dahl (Canada) without whom the editor would probably still be sitting in some American airport trying desperately to buy a map!

There have been some unhappy notes over the year namely the closure of several map shops due to the general recession. It is sad to see this happen especially to firms like Francis Edwards of London who have been active for well over a century. The Associate Editor joined Francis Edwards in 1919 and was with them for over fifty years. (See full report on news pages).

On the other hand, it is a good time for those who can afford to buy. Prices are relatively stable and dealers are anxious to sell. Collectors as a whole are ingenious and there are still many areas of collecting that have not been developed. For example, ephemera and oddities, which are just coming into fashion. Road books have long been a favourite with collectors but there are few notable collections of railway or canal maps.

We are pleased to add Tony Campbell's name to our list of editorial advisers this month. Tony, who works for Robert Douwma (prints and maps) Ltd., London, is that unique combination of dealer, cataloguer and academic and a very well known figure for both his pleasant personality and his contribution to knowledge on the history of cartography. He is at present working on a definitive listing of early portolan charts. We hope you will not accuse us of nepotism as his wife, Tessa, is picture researcher for 'The Map Collector.

A happy new year of successful acquisitions and pleasure in the delightful hobby of map collecting.

Large Scale of Cities not

Part 6 **CORNWALL**

Co 1 Firks, G. & Son: G. Firks & Son's 'Westward Ho!' Map of Devon and Cornwall. Designed by Charles Everson. Published by G. Firks & Son, West of England Educational Depot, 10A Old Town Street, & 1, East Street, Plymouth. Plymouth, G. Firks & Son, [?1895]. 1375 x 1197mm. Cromolithograph.

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

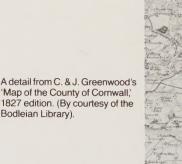
Inset of the Scilly Isles and corner vignettes of local scenes. Shows railways, canals, Parliamentary and Municipal Boroughs, forts, battlefields, Anglican and Catholic churches, seaports and watering places

Co 2 Gascoyne, Joel: A Map of the County of Cornwall Newly Surveyed by Joel: Gascoyne. Sold by I: Thornton in the Minories, by R: Mount Bookseller on Tower Hill by P: Lea Mapseller in Cheapside, Chr: Brown at the Globe the West end of S. Pauls Lond. By Cha: Yeo Bookseller in Exon, by Fr: Hill Grocer in Plimouth, by Cha: Blith at the White Hart in Lanceston. Sold by W.M Berry in Craggs Court near Charing Cross. London, J. Thornton . . . R. Mount . . . W. Berry, [?1700]. In fourteen sheets, total dimensions, 1282 x 1740mm. Copper engraving

Scale 1 inch = 1 mile

Bodleian Library).

The earliest of the large scale maps of the English counties. Parish boundaries are shown for the first time. Inset of the Scilly Isles and an alphabetical list of place names. Large title-piece surmounted by the Royal Arms and a dedication piece 'To ye Rt. honourable Charles Bodville Earl of Radnor Viscount Bodmin, Lord Robarts, Baron of Truro Lord Lieutenant & Custos Rotulorum of ye County of Cornwall'. This is surmounted





English County Maps and Plans printed in Atlases by R. V. Tooley

by the Earl's Arms.

Co 3 *ibid.*: Another edition. *Sold by W. Mount & T. Page on Tower-hill London*. London, W. Mount and T. Page, [?1730]. In eight sheets, with six sheets of index. Copper engraving Scale 1 inch = 1 mile

Co 4 [Great Britain: Ordnance Survey]: *Ordnance Survey of England and Wales. Cornwall.* Old Series. Sheets 24, 25, 26, 29, 30, 31, 32 and 33 Scale 1 inch = 1 mile

London, Ordnance Survey Office, 1805-44.

Co 5 ibid.: Another edition. [?1853].

Co 6 ibid.: Another edition. 1862-74.

Co 7 ibid.: Another edition. Index to the Tithe Survey. [?1873].

Co 8 *ibid.*: New Series, in outline. Sheets 307, 308, 322, 323, 335, 336, 337, 346, 347, 348, 351, 352, 353, 358 and 359. 1874-95.

Co 9 ibid.: Revised edition. 1895-99

Co 10 ibid.: Another edition, with hills. Sheets 222, 335, 348, 353 and 358 only. 1878-98.

Co 11 ibid.: Revised edition, with hills. 1895 etc.

Co 12 [Great Britain: Ordnance Survey of] Cornwall. First edition, without contours. Surveyed in 1876-88. 107 sheets and Index. Scale 6 inches = 1 mile

Ordnance Survey Office, Southampton, 1883-89.

Co 13 ibid.: Another edition, with contours. 308 sheets and Index.



(Right) Captain J. S. Henderson's 'Sketch Map of West Cornwall showing Relative Position of Mines,' 1907, has a list of the area's mines and a border of subscribers' advertisements. (By courtesy of the British Library).



1883-94.

Co 14 ibid.: Second edition, revised in 1892-1907. 1896-1909.

Co 15 [Great Britain: Ordnance Survey of Cornwall]. Surveyed in 1857-88. 25 vols, 2 of which are arranged in parishes.

Scale 25.344 inches = 1 mile

Ordnance Survey Office, Southampton, 1863-90.

Co 16 ibid.: Second edition, revised in [1894]-1907. 1895-1908

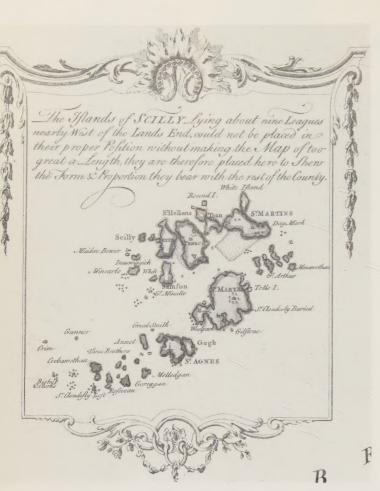
Co 17 Greenwood, C. & J.: Map of the County of Cornwall, from an Actual Survey made in the years 1826 & 1827, By C. & J. Greenwood. Most Respectfully Dedicated to the Nobility, Clergy & Gentry of the County, By the Proprietors C. Greenwood and Co. Regent Street, Pall Mall, London. Published September 1st 1827. London, C. Greenwood and Co., 1827. In six sheets, total dimensions 1740mm x 1779mm. Copper engraving.

Scale 1 inch = 1 mile

Inset of the Scilly Isles and a large vignette view of St Michael's Mount. Shows turnpike roads, Toll bars, Market towns, parishes, churches, castles, canals, the first two railway lines and mines etc.

Co 18 Henderson, Captain J. S.: Sketch Map of West Cornwall showing Relative Position of Mines Compiled by Captain J. S. Henderson, late W.I. Regt., Surveyor, etc., Camborne, Cornwall. 1907. Camborne, 1907. 1185 x 975mm., including side and bottom borders of advertisements. Lithograph.

Scale 1 inch = 1 mile



Co 19 Martyn, Thomas: A New and Accurate Map of the County of Cornwall from an actual Survey, Made by Thos Martyn London Printed for & Sold by Robt Sayer Map and Printseller opposite Fetter Lane Fleet Street. Nov. 26 1748. London, R. Sayer, 1748. In seven sheets, with the title on two slips, total dimensions, 1795 × 1415mm. Copper engraving. Scale 1 inch = 1 mile

Inset of Scilly Isles. Large dedication piece 'To His Royal Highness, Frederick Lewis Prince of Wales etc.' There are one hundred and seventy three Heraldic Coats of 'The Arms of the Nobility and Gentry that have Subscrib'd for this Map'. The towns are shown iconographically [or ground plot] and Borough towns have a B added. Also shows seats of nobility and gentry, villages, farm houses, roads, small lanes.

Co 20 ibid.: Another issue, without imprint or date, [?1784].

There is an alteration in the view of Surveyors shown inside the compass

Co 21 ibid.: Second edition. London. Printed for William Faden, Geographer to the King, Charing Cross, Feby. 20th. 1748. London, W. Faden, 1784. In nine sheets.

Scale 1 inch = 1 mile.

Inset map of Isles of Scilly. Dedication to 'Frederick Lewis Prince of Wales etc', with one hundred and sixty four Armorials of subscribers.

Co 22 *ibid.:* Third edition, with additions. *True and Accurate Map of the County of Cornwall.* London, J. Wyld, 1844. In nine sheets, total dimensions 1800 x 1400mm.

Scale 1 inch = 1 mile.

Co 23 *ibid.*: A reduced copy. *London, Printed for William Faden Geographer to the King, Charing Cross, Feby. 20th, 1784.* In two sheets, total dimensions 1000 x 715mm. Copper engraving.

Scale 1/2 inch = 1 mile.

Dedication to Robert Hoblyn of Nanswhyden.

Co 24 ibid.: A reduced copy, Publish'd according to Act of Parliament February 16th, 1748/9. London, R. Sayer, 1749. 708 x 535mm. Copper engraving.

Scale 1/3 inch = 1 mile

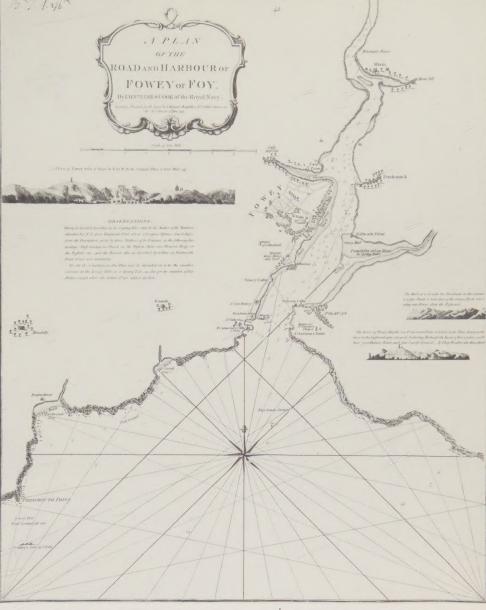
Dedication to Jonathan Rashleigh of Menabilly.

Co 25 ibid.: A Complete Index to Martyn's large Map of the County of



(Top left) The Scilly Isles feature as an inset on most maps of Cornwall. This is from Thomas Martyn's 'A New and Accurate Map of the County of Cornwall', a reduced plate, 1749. (By courtesy of the Bodleian Library, Oxford).

(Bottom left) The impressive dedication to Frederick Lewis, Prince of Wales from Thomas Martyn's 'A New and Accurate Map of the County of Cornwall,' 1748. (By courtesy of the British Library).



(Right) Lieutenant James Cook's 'A Plan of the Road and Harbour of Fowey or Foy,' 1779, includes recognition views and comments on navigation. (By courtesy of the Bodleian Library, Oxford)

Cornwall, and of those parts of the County of Devon, which lie to the West of the River Tamar. To which is added a short account of the Archdeaconry of Cornwall. Bodmin: Printed by J. Liddell: and sold by Law and Whittaker, London, 1816. 95 pp. 8vo

DISTRICT MAPS

Co 26 Cook, Lieutenant James: A Plan of the Road and Harbour of Fowey or Foy. by Lieu! James Cook of the Royal Navy. London. Printed for R. Sayer & J. Bennett Chartsellers No 53 Fleet Street, as the Act directs 10th. June 1779. London, Sayer and Bennett, 1779. 495 x 612mm. Copper engraving.

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

Co 27 Thomas, George: To the Mayor and Free Burgesses of the Borough of Fowey, This Plan of the Harbour of Fowey, Laid down from actual Survey by M. George Thomas In the Year 1811, Is inscribed with Respect and Gratitude, by their faithful and obliged humble Servant, Reginald Pole Carew. John Walker Jun. Sculp! London Published according to Act of Parliament by Cap! Hurd RN Hydrographer to the Admiralty 10th March 1813. Sold by R.B. Bate 21 Poultry for the Lords Commiss 1st of the Admiralty by their Appointment. Hydrographical Office Price 3st 6d London, Admiralty, 1813. 760 x 580mm. Copper engraving. Scale 34 inch = 1/2 nautic mile.

Inset Chart of the Coast shewing the situation of Fowey with its neighbouring Harbours Falmouth and Plymouth.

Co 28 Thomas, Richard: A Geological Map of the Mining District of Cornwall, Between Camborne and Chasewater, Shewing the Lodes, Cross Courses, Adits &c. By Richard Thomas 1819. London: Published by J. Cary 181 Strand, July 1st. 1819. 955 x 540mm. Copper engraving. Scale 4⁵/₈ inch = 1 mile.

Co 29 ibid.: Geological Sections in Illustration of the Map of the Mining

District of Cornwall, by Rd Thomas, Falmouth, 1819 and Geological View of the Mining District of Cornwall corresponding with the Map from Chasewater to Camborne, shewing the Elevations of the Hills and the depths to which the Mines are extended, by R. Thomas, Falmouth 1819. London, J. Cary, 1819. 2 sheets, total dimensions 955 x 540mm. Copper engraving.

[in]: Report on a Survey of the Mining District of Cornwall, from Chasewater to Camborne by Richard Thomas, Surveyor and Civil Engineer London: Printed for John Cary, 181 Strand. 1819. 80pp. 8vo.

Co 30 Falmouth: [Ordnance Plan of the Town of Falmouth]. Scale 10.56 feet = 1 mile. Southampton, [1880]. 10 sheets, with index sheet.

Co 31 Liskeard: [Ordnance Plan of the Parish of Liskeard]. Scale 25.344 inches = 1 mile. Southampton, [1882]. 9 sheets, with index sheet and Area Book.

Co 32 Lostwithiel: [Ordnance Plan of the Parish of Lostwithiel]. Scale 25.344 inches = 1 mile. Southampton, [1881]. 4 sheets, with index sheet and Area Book.

Co 33 Newlyn: [*Ordnance Plan of the Parish of Newlyn*]. Scale 25.344 inches = 1 mile. Southampton, [1880]. 13 sheets, with index sheet and Area Book.

Co 34 Penzance: [*Ordnance Plan of the Town of Penzance*]. Scale 10.56 feet = 1 mile. Southampton, [1878]. 16 sheets, with index sheet.

Co 35 Penzance Environs: [Ordnance Survey]. Printed in colours. Scale 1 inch = 1 mile. Southampton, [1900].

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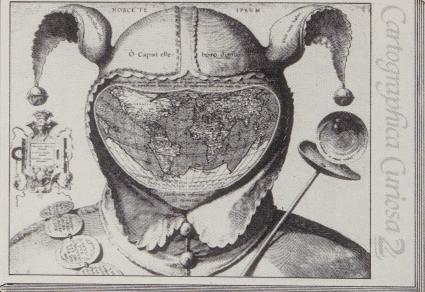
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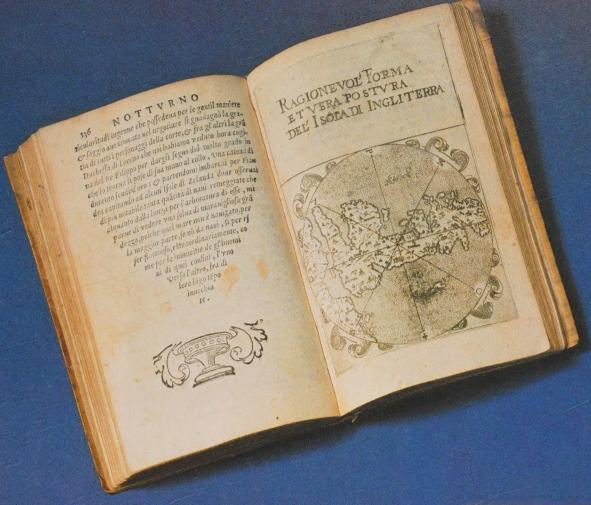




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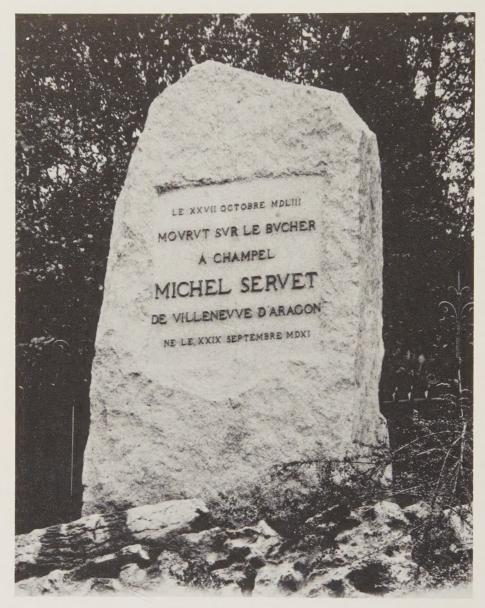
Map of Cyprus

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Burned for His Beliefs. The Story of Michael Servetus

by László Gróf.



This monument in Geneva stands to the memory of Michael Servetus. (By courtesy of the Bibliotheque Publique et Universitaire, Geneva)

IN MY COLLECTION, assembled over two decades, are four maps with a tragic history. Two of them came from the 1535 edition of Claudius Ptolemy's *Geographia* printed at Lyon, while the other two originated from the 1541 edition printed at Vienne in Dauphinè, just a few miles south of Lyon on the banks of the river Rhône.

Whilst reading Henry N. Stevens' book, *Ptolemy's Geography*, one sentence particularly caught my eye. It read, 'Many copies of the book are said to have been burned by the order of Calvin at the time of the execution of its editor....' This made me wonder why such a man of undoubted talent should end his days at the hand of the executioner?

My search led me to Geneva in Switzerland where, at a narrow angle between two streets, the Avenue de Beau-Sèjour going uphill and the Avenue de la Roseraie going downhill, on a steep grassy slope in the area of Champel, there is a simple monument of rough grey granite. It has two metal plates, one with the inscription:

LE XXVII OCTOBRE MDLIII MOURUT SUR LE BUCHET A CHAMPEL

MICHEL SERVET

DE VILLENEUVE D'ARAGON

NE LE XXIX SEPTEMBRE MDXI.

Roughly translated this means: Michael Servet Villeneuve of Aragon who was born on the 29th September 1511, died at the stake here at Champel on October 27th, 1553.

The other plate has the inscription:

FILS

RESPECTUEUX ET RECONNAISSANTS DE CALVIN NOTRE GRAND REFORMATEUR

MAIS CONDAMNANT UNE ERREUR QUI FUT CELLE DE SON SIECLE ET FERMEMENT ATTACHES A LA LIBERTE DE CONSCIENCE SELON LES VRAIS PRINCIPES DE LA REFORMATION ET DE L'EVANGILE NOUS AVONS ELEVE CE MONUMENT

EXPIATORE LE XXVII OCTOBRE MCMILL.

Sons, respectful and grateful towards Calvin our great reformer, but condemning one error which was that one of his century and firmly attached to the liberty of conscience according to the true principles of the reformation and the evangel. We have erected this expiatory monument on October 27th, 1903.

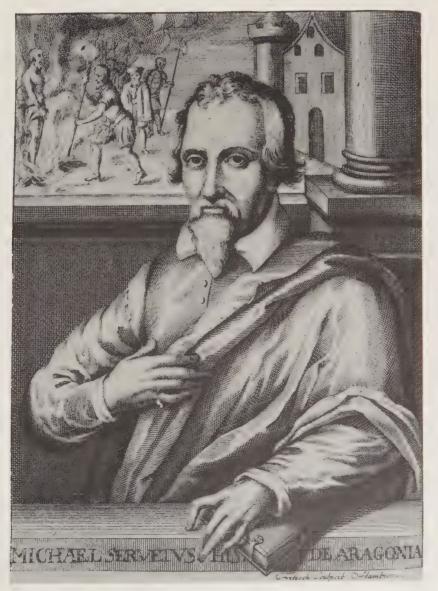
On this very spot one late autumn day in 1553 a rather thin, bearded man in his early forties was tied to the stake with a heavy iron chain. A thick rope had been wound round his neck four or five times and under his arm was tied one of his books. As the flames slowly engulfed him, he cried out, 'O Jesus, thou Son of eternal God, have pity on me'. The man's name was Michael Servetus.

Servetus was born in 1511 (some claim 1509) in the small Spanish town of Tudela in the district of Navarra, into an orthodox family of devout Catholics. His brother, who later became a priest, and his mother, erected a small chapel in the town. It was possibly through his mother's ambitions rather than her convictions, that the young Michael was sent to the court of Charles, King of Spain, where he was to be in the service of Quintana, a Franciscan monk and the King's confessor. Quintana was a liberal as was the whole royal court which had been affected by the thoughts and teachings of Erasmus, the great thinker and humanitarian. While in the service of Quintana, Servetus was sent over the Pyrenees to France to study Roman law at the University of Toulouse. Although renowned for its orthodoxy, the university was the centre of great debates about the Bible and students were engaged in the minute and detailed analysis of its contents. Servetus soon became known through his extreme views especially of the Holy Trinity which he saw as the major obstacle between Christianity and Islam.

No doubt Spain's failure to solve the problem between Christians and the Moors on the one hand, and between Christians and the Jews on the other, contributed to Servetus' immense interest and involvement in the subject. When Quintana received news of his protègè's activities and newly formulated opinions, he was thoroughly shocked and wasted no time in recalling him from Toulouse. Soon after his recall, Servetus decided to quit the service of his master and, instead, made his way to the Protestant city of Strasbourg, where his book The Errors of the Trinity was published in 1531. He sent a copy of his newly published book to the Bishop of Saragossa, who instantly reported him to the Supreme Council of the Inquisition. They denounced him for his radical and heretical views and ordered his arrest. When Servetus failed to return home, the Inquisition employed his own brother to try and bring him back but this was unsuccessful. Was Michael Servetus unimpressed by his brother's pleas? Was his brother a reluctant emissary? Both questions could have credence as one could hardly expect the writer of such a book to walk into the lions' den. Nor could one imagine that his brother would throw him there.

By now even the liberal city of Strasbourg where Erasmus lay buried, was adamant that he retract his views. Basle would not harbour him either. For the first time in his life, Servetus thought of America as a place of refuge. 'With Jonah I longed to flee *ad novas Insulas*', he wrote. But had he done that he would have betrayed his mission and he now saw himself as 'the only true Teacher and Seer of the World'.

So, as both Catholic and Protestant lands were *terra non grata*, he decided to go to Paris under the assumed name of Michael Villeneuve, where he studied medicine and earned his living teaching mathematics. Servetus embarked upon his medical



A portrait of Michael Servetus, with the scene of his execution for heresy, taken from Historia Michaelis Servetus by Henricus ab Allwoerden (1728). (By courtesy of the British Library)



studies with his customary zeal and enthusiasm and proved to be a brilliant scholar. While in Paris, he discovered the pulmonary circulation of the blood with three important assertions:

- the walls of the heart are impermeable
- 2 the arteries of the lung are large enough for the entire bloodstream
- 3 that the change of colour takes place in the lungs through circulation.

After finishing his studies, Servetus went to Lyon where he worked for a while as a corrector of proofs. Shortly after he became an editor for the brothers Treschel who owned the most famous publishing house in Lyon. Here he had the task of revising Ptolemy's *Geographia*, the standard textbook on the subject for many centuries but now out of date and full of errors due to numerous faulty translations. It was also lacking the latest information on discoveries. Servetus seems to have been ideal for the job using both his intellect and travelling experience. He also used many authors, ancient and modern, to help in revising the text of

The text of the 'Terra Sanctae' map from Ptolemy's Geographia, edited by Servetus in Lyon, 1535. Because of the 'blasphemous' remark about the Holy Land, he was later accused of 'giving a lie to Moses'.

(By courtesy of the Bodleian Library)

The map of the Holy Land from the 1541 edition of Ptolemy's *Geographia*, published by Servetus in Vienne, France. It is entirely without text, the cause of which remains a mystery. Maps from this edition are easily recognizable from the 'grape' watermark, invariably placed near the side margin of the sheet. (By courtesy of the Bodleian Library)



the previous edition printed at Strasbourg in 1525.

Servetus wrote his own interesting preface, made numerous corrections to the place-names and their locations and added their modern names. The text on his native Spain was rewritten as were the ones on the British Isles, Italy, France and Germany with Servetus adding his personal comments with his customary frankness. He included the then recent discoveries on the New Continent – America – which he thought should have been named after Columbus. On the map of Palestine, the text describing the Holy Land said that this 'promised land' was indeed a land of 'no great promise'. Although this passage was taken without change from Lorenz Fries' 1522 edition, this unfortunate remark caused some attention. In another dangerous remark he referred to the King of France who at that time was supposed to have cured scrofula, a constitutional disease, by touch. He said, 'I myself have seen the king touch a great many but whether they were cured I did not see?

This latest edition of the *Geographia* was a great improvement on previous editions, and no lesser a geographer than Sebastian Münster acknowledged Servetus in his *Geographia Universalis* (Basle, 1540) and gave him credit for detecting many errors which had escaped the notice of previous editors.

He also edited the New Bible, previously edited by Pagnini, in which Servetus disputed the Prophets as predictors of events. His medical book, *Syruporum Universa Ratio* (the Universal usage of Syrups), was published in 1537 and the next edition of *Geographia* in 1541. This edition was printed in Vienne in the district of Dauphinè where Servetus had now moved and been appointed personal physician to the Archbishop of this town. It is not clear why some of the maps in this new edition of *Geographia* appeared entirely without text. Was Servetus affected by the earlier criticism or was it because of his new employment?

He was also working on another theological book and in 1545 contacted Calvin through a Lyon bookseller asking for help to

clear up some difficult points. However, on receiving Calvin's replies Servetus was still dissatisfied with the answers. Calvin wrote to him again, this time at great length, and also sent him a copy of his *Institutio*, a masterpiece in theological writing intended 'to train and prepare students in theology for the study of the divine word...'

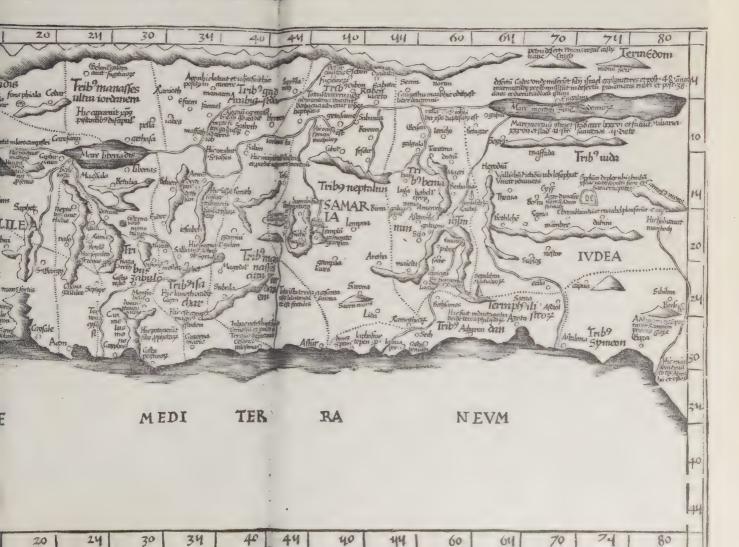
Servetus was furious. He returned the *Institutio* with insulting remarks in the margins and wrote, 'I have often told you that that triad of impossible monstrosities that you admit in God (referring to the Holy Trinity) is not proved by any scriptures properly understood.... Your knowledge is ridiculous, nay, a magical enchantment and a lying justification'.

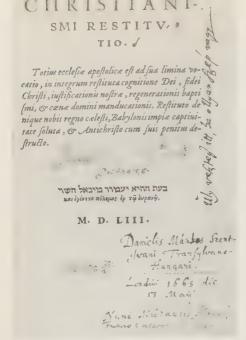
Calvin, at this juncture, advised Frellon, the Lyon bookseller, that unless 'a certain person' could learn to write a little more humbly, he need not send any more letters. Calvin also harboured more menacing feelings as expressed in a letter he wrote to his friend Farel, the vociferous reformer and converter of Geneva. 'Servetus lately wrote to me and coupled with his letter a long volume of his delirious fancies. He would like to come here if it is agreeable to me. But I do not wish to pledge my word for his safety. For if he comes, I will never let him depart alive, if I have any authority'. With this, the correspondence between Servetus and Calvin ceased.

Seven years later, early in 1553, Servetus secretly published his complete writings. At first he had some difficulty in finding a printer to carry out the work – a Basle printer refused to have anything to do with the book – but after some convincing talk by Servetus, the printers Arnoullet and Guèroult in Vienne finally agreed.

The *Restitutio* was published with only the initials MSV, but it was not very difficult for Calvin to recognize its author from the text of the book, which Servetus had sent to him. The title was certainly a deliberate slant on the *Institutio*. Calvin showed the book privately to some of his friends, amongst whom was a French

Tabula noua terre sancta.





Title-page of Servetus' *Christianismi Restitution*, printed in Vienne by Arnoullet and Guerolt in 1553. Most copies of this 'heretical' book were burnt by the Inquisition and only three are known to have survived – in Edinburgh (without the title-page), Paris and Vienna. It is interesting to note the Hungarian manuscript inscriptions which refer to the former owner of the book, Daniel Mertos of Szentivan, Transylvania, Hungary. It was here, in Transylvania, that many of the Unitarians found refuge from persecution and Servetus is regarded by them as their martyr. Another Hungarian manuscript note, written vertically on the page reads, 'Üly veszteg itt, ha ollyan szép vagy' which translates into English as 'Sit here still, if you are so beautiful! Did the writer refer to his young maiden or were his sentiments directed towards the book itself? (By courtesy of the Österreichische Nationalbibliothek, Vienna)

refugee from Geneva, Guillaume de Trie, whose Catholic cousin was still living in Lyon. The correspondence between the two was to have fateful consequences for Servetus, as it was de Trie who wrote scaldingly to his cousin about the Catholics in Lyon who tolerated such a heretic amongst themselves. A heretic who not only denied the Holy Trinity but also the eternal Son of God, and this man was none other than Michael Servetus, now calling himself Villeneuve and in the service of the Archbishop of Vienne. The cousin wasted no time in reporting this to the Inquisitor, but the ensuing inquiry proved to be fruitless, as Servetus had by now disposed of all the incriminating evidence. The informer, not content to let the case rest, wrote back to Geneva for tangible evidence, which his cousin obtained from Calvin in the form of manuscript letters and the copy of the *Institutio* bearing Servetus' insulting comments.

The Inquisitor summoned Servetus at once and committed him to prison. Servetus realized his desperate position and the only possible way out for him was to escape from captivity. This he planned with great urgency and after observing the prison's layout, managed to scale the wall of the prison from a flat roof during the short break he was allowed outside his cell. By the time the alarm was raised, Servetus was well beyond the city gate. The Inquisition could do little else but pass sentence on their escaped prisoner, who was 'to be burned together with his books on a slow fire until his body was reduced to ashes'. In Servetus' absence the sentence was carried out on his effigy which was strangled and burned. His books were added to the flames. This took place on June 17th, 1553, and obviously Servetus could no longer remain in France. As far as we know from his own admission at his later trial, he planned to journey to Italy and once again to practice medicine. For some reason, only known to Servetus himself and perhaps as an act of defiance, he attended a sermon in Saint Pierre's at Geneva. The orator was none other than Calvin himself. He was recognised and Calvin ordered his arrest, charging him with heresy to the Little Council.

The trial of Servetus was also a trial of strength between Calvin, whose position in Geneva was far from secure, and the Libertines. Although they had very little, if any, sympathy towards Servetus they nevertheless found it convenient to attack Calvin. Servetus, trusting his case on the support of the latter group, didn't have much chance of getting a fair hearing. Even a lawyer was denied him because 'he could lie well enough without one' according to

his prosecutors. Not that he was even remotely innocent of the charges brought against him, nor was he a mealy-mouthed client. He raved and ranted about his appalling prison conditions, where 'the lice were eating him alive'. He demanded that Calvin should be on trial instead of him, for betraying him to the Inquisition, and he should receive as compensation all of Calvin's earthly wealth.

The Council was very reluctant to appear to be on the side of Calvin and the trial dragged on. During Servetus' trial a messenger arrived from the Inquisitor in France, requesting the return of their prisoner there. Servetus begged the Council on bended knees not to have him sent back. The Council refused the request and meanwhile thought of a possible answer to their dilemma by writing to the other major cities to seek out their opinion on the matter. There could have been hardly any doubt as to the nature of the replies, and by the end of October the councils of Zürich, Basle, Bern and Schaffhausen one by one condemned Servetus. The Little Council in Geneva saw no further reason to delay their own deliberations any longer, and a week later they announced their verdict. The sentence read: 'And we syndics, judges of criminal cases in this city, have witnessed the trial conducted before us at the instance of our lieutenant against you "Michel Servet de Villeneufve," of the country of Aragon in Spain, and having seen your voluntary and repeated confessions and your books, judge that you, Servetus, have for a long time promulgated false and thoroughly heretical doctrine, despising all remonstrances and corrections, and that you have with malicious and perverse obstinacy shown and divulged even in printed books opinions against God the Father, the Son, and the Holy Spirit, in a word, against the fundamentals of the Christian religion, and that you have tried to make a schism and trouble the Church of God by which many souls may have been ruined and lost, a thing horrible, shocking, scandalous, and infectious. And you have neither shame nor horror of setting yourself against the divine Majesty and the Holy Trinity, and so have obstinately tried to infect the world with your stinking heretical poison. . . For these and other reasons, desiring to purge the Church of God of such infection and cut off the rotten member, having taken counsel with our citizens and having invoked the name of God to give just judgement . . . having God and the Holy Scriptures before our eyes, speaking in the name of the Father, Son, and the Holy Spirit, we now in writing give final sentence and condemn you, Michael Servetus, to be bound and taken to Champel and there attached to a stake and burned with your book to ashes. And so you shall finish your days and give an example to others who commit the like

The sentence stunned Servetus who could only cry out in his native Spanish 'Misericordia, misericordia!'. Later he sent for Calvin who came and saw him in prison. Servetus asked Calvin's forgiveness for the personal abuses during his trial. Calvin would only say that it is God's pardon he should be seeking. After a last unsuccessful attempt by Calvin to obtain Servetus' repentance, there was nothing more to be said and Calvin left the prison cell. Servetus' final request to be allowed to die by the sword had been turned down, although Calvin himself did support his plea.

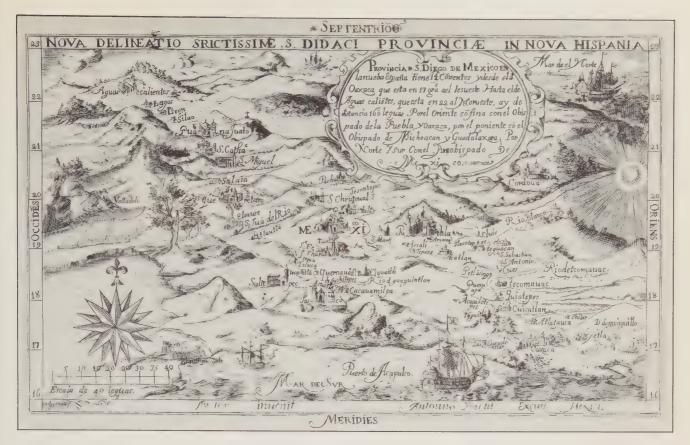
So Servetus, the brilliant scholar, surgeon and discoverer, writer and theologian, editor of two editions of Ptolemy's *Geographia* was consumed by flames, lit by religious intolerance. In today's Geneva, Michael Servetus is remembered by a street which is named after him and which leads off the square where his life had ended.

Finally, I would like to offer a thought by Roland H. Bainton, whose biographical study on Servetus gave most of my information, 'We are today horrified that Geneva should have burned a man for the glory of God, yet we incinerate whole cities for the saving of democracy'.

Further Reading:

- 1. Roland H. Bainton, *The Travail of Religious Liberty*, Lutterwoth Press, London 1953
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The Formation of a Nineteenth-Century Map Collection: A. E. Nordenskiöld of Helsinki

by Douglas Marshall

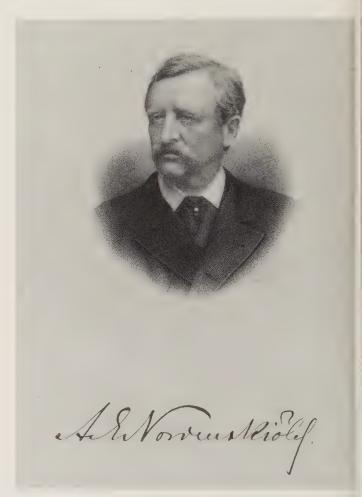
The story of maps and the relationship between dealers and collectors remains untold. To what extent did the trade influence the nature of research in the formative stages? Some parts of this relationship can be reconstructed from the letters and invoices preserved among the maps, atlases, and documents of A.E. Nordenskiöld in the University of Helsinki Library.

FOUR PRINCIPAL TYPES of collectors, identifiable after 1850, were defined by R. A. Skelton. The first category is represented by Edme François Jomard, who served as an engineer under Napoleon in Egypt, and who in 1828 organized the map division at the Bibliothéque Royale. He exemplifies the branch of scholar-curators and began to publish, at his own expense, a series of thirty maps on eighty-one plates over a twenty year period. A second type of collector can be found among the specialists of a particular region, for example John Carter Brown, James Lenox, and Edward Ayer. Here we can see a link between the rise of consciousness about the origins of America and an effort to trace them from the documents. The influence of their collections was multiplied in the market response which focused attention on these documents and by the reservoir of material ultimately entrusted to the public in special libraries.

A third type is represented by Sir Thomas Phillips, who could deny himself nothing; the sale of whose collection is still proceeding. The fourth type is described as scholar-collectors and would encompass J.T. Bodel Nijenhuis and Abraham van Stolk from the Netherlands, General von Hauslab in Austria, as well as Nordenskiöld in Sweden. These men aimed for more than support of maps to illustrate a topic or point of view but rather came to evaluate maps within the larger context of the cartography itself. We might also add to Skelton's list a fifth class of dealer-scholars headed by Frederik Müller of Amsterdam, who from 1850 until his death in 1881 set new standards of catalogue entries – a tradition carried on under his name by P.A. Tiele, A.W. Mensing, and F.C. Wieder.³ The diversity of motives generated a more sophisticated interest in maps than the more general categories of 'amateur' and 'professional' which had existed until about 1840.4 To some degree, the market itself can be seen to raise a new consciousness about preservation, to encourage government support, and to provide a demand for the development of facsimile publication.

C. Koeman's study of the map trade in the Netherlands has indicated another turning point at about 1880. After this, no further large collections are started and the principal government archives had been established. The antiquarian book trade launched into the discovery and voyage market to fuel the American demand and the first archival map catalogues started to appear beginning with the Dutch Rijksarchief and the British Museum. Facsimile compilations of manuscript medieval maps had been brought out by Joachim Lelewel as head of the Polish government in exile at Brussels in an unwieldy study, and by the Second Viscount du Santarém in a large folio without text on the order of Jomard. Both appeared near mid-century and it was this world to which Nordenskiöld awakened.

Nordenskiöld as explorer and cartophile has been the subject of much recent inquiry.⁶ Yet it is worthwhile to mention that his professional life spans three careers beginning with the post of



professor and director of the minerology department at the Swedish Museum of Natural History in Stockholm at the young age of twenty-six after receiving an academic appointment in his native Finland, which he was unable to keep for political reasons. In the course of his work at the Museum he made ten expeditions to the Arctic, the most celebrated being the voyage of the *Vega* in 1878-80, north from Stockholm and through the polar sea, eventually to reach Yokahama. His third career took place in an armchair and grew out of collecting literature on the topic of voyages and polar exploration. Two seminal books and several lesser publications emerged from this work – *Facsimile-Atlas to the Early History of Cartography* in 1899 and *Periplus: An Essay on the Early History of Charts and Sailing Directions* in 1897.

It is possible to reconstruct the collecting process by working backwards from the books and more precisely the invoices for books and maps which Nordenskiöld had accumulated. For this is one of the few collections which has preserved the documents to show how it was formed including correspondence, catalogues and bills

Complete records are not available for the 3,000 plus books and

The whaler, Vega, used on Nordenskiöld's most famous expedition of 1878-80. After being stuck in the Arctic ice for nine months, they sailed on to Yokohama. The Netherlands Government awarded Nordenskiöld the prize first offered in 1611 for the discovery of the Northeast passage (By courtesy of the University of Helsinki Library)



(Left) Adolf Erik Nordenskiöld (1832-1901), Arctic explorer and cartophile. From a steel engraving of 1880.

(Right)
The title-page of Nordenskiöld's
Facsimile-Atlas to the Early History
of Cartography, 1889, a seminal
book still widely used by historians a
hundred years after publication
(By courtesy of the Bodleian
Library)



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maps collected by Nordenskiöld because the invoices incorporate only 2,632. Moreover, a strict tabulation is not possible because even here the statements are frequently illegible and sometimes refer only to a catalogue number. So this means we are dealing with a select sample of the evidence rather than a complete record. What questions can be asked? First, can we point to any relationship between accumulation of material and the product of this research? Second, what was the reciprocol influence with the trade? Finally, can any of this evidence provide insight into the foundations for the study of the history of cartography?

On the question of collecting, the invoices reveal a wide variety as well as a large volume of material and include leisure reading as well as mineralogical studies, professional journals and the geographical literature. The most numerous transactions in the antiquarian field took place with the firms of Frederik Müller of Amsterdam, Klemmings of Stockholm, Francesco Perrella of Naples, and Leo Olschki of Venice and Verona? These letters constitute only the incoming correspondence with a very occasional outgoing reply.8 Almost all letters take the form of today's antiquarian business - advising the client on what materials are available and how much money is involved. There was very little descriptive information about the maps, even with the Müller firm which was given an exclusive offer to sell the collection in December 1900. I anticipated references to the Facsimile Atlas, Harrisse, Winsor, or other standard bibliographies but found virtually none. Almost no dialogue took place on the content or significance of the maps. The letters acknowledge the issue of scarceness but without any other consideration than the bookseller's experience because few references or bibliographies were available for use in this period. Some booksellers, such as Müller, were guided by lists of 'desiderata' which Nordenskiöld compiled and submitted. These letters also endorse the notion of trends in the trade and the general price-rise of Americana?

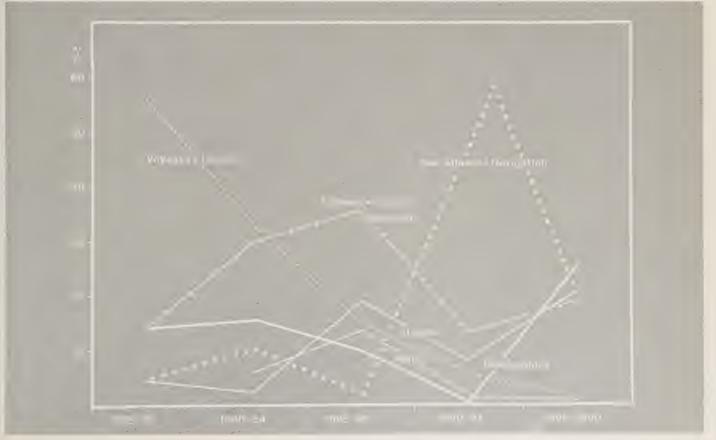
The collecting itself involved well-defined subject areas. Given the limitation of the evidence mentioned above, is there any order to the way in which Nordenskiöld proceeded? Besides his interest in exploration another pattern is the relationship between collecting and research. The Ptolemies, atlases, classical geographies, and travel accounts are concentrated in the period before publication of the Facsimile-Atlas and the navigational literature and sea atlases are focused prior to the appearance of Periplus. An unknown variable is added when it is recognized that the records do not include transactions with private individuals – if this approached any appreciable figure it could unbalance the statistics. Moreover, it is not known when books were consulted for research in libraries prior to purchase so that some would not fit a predetermined plan. The records show that Nordenskiöld knew what he wanted and drove hard bargains. 10 Three topics were found to have value beyond their purpose of research - the Ptolemies, Marco Polos, and incunabula. In later years, Nordenskiöld came to see the value of his collection as a legacy. He stated in 1899 that he aspired to assemble as much material as possible on geographic themes published before 1570 – a date later moved into the seventeenth century. But this generalisation appears to be something of an afterthought.

Any assessment of Nordenskiöld's influence on the map trade also requires a look at price structures. In working from the dealer catalogues, it is possible to show that the publication of the *Facsimile-Atlas* accounted for no sudden escalation of prices even when a wide variety of conditions are taken into account. The recovery and analysis of the so-called Lafreri atlases, which may have been Nordenskiöld's most important contribution, resulted in no appreciable surge in prices. He obtained his large copy in 1888 for 434 frs. and yet was able to acquire a second in 1894 for the equivalent of 200 frs. – even though this was later shown to be a factice assembled in Poland about 1570. The Ptolemies were known too well for any major influence to come from the *Facsimile-Atlas*, due to Justin Winsor's 1884 bibliography and other pioneers.

Beyond the influence on prices, it is necessary to examine citations in catalogues, and here it is possible to show that some dealers were quick to include references to Nordenskiöld's worksnotably the Müller firm, whose 1891 catalogue on *Geographie*, *Cartographie-Voyages* contains six references, and Jacques

(Left) A bill and letter from Leo S. Olschki of Venice and Verona, one of the main dealers from whom. Nordenskiöld bought his large collection of maps and atlases (By courtesy of the University of Helsinki Library)

(Below) A chart showing Nordenskiöld's acquisition of geographical literature (By courtesy of the author)



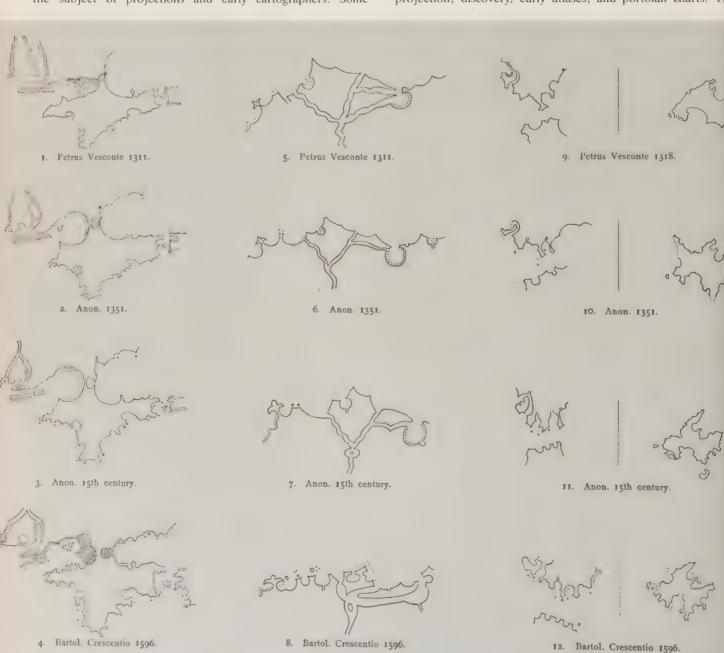
Rosenthal in Munich, whose 1895 catalogue refers to Nordenskiöld six times on a single page. But other dealers with whom he was trading, such as Leo Olschki, Quaritch, and Bocca do not use references at all. So rather than a relationship between publication and price escalation as it works today the market mechanism functioned more slowly with a less uniform response.

Another consideration in the price structure was the demand from collectors who must have had very different objectives from Nordenskiöld. In a letter from Nicolas Bokacheff in 1891 from St. Petersburg, he states that he has not been successful in selling the *Facsimile-Atlas*, 'book collectors find it too special.'¹¹ It seems more likely that dealers and collectors were sensitive to other qualities in the marketplace to a greater extent than the scholarly discourse of Nordenskiöld.

It is difficult to assess the immediate scholarly impact of Nordenskiöld's work. The correspondence reveals few opportunities for an informed dialogue on his research interests. There are six letters from E.T. Hamy, one from Lucien Gallois who had written about Oronce Fine, and sixteen from Gabriel Marcel at the Bibliothèque Nationale. Substantive cartographic discussions take place in this correspondence, for the most part on the subject of projections and early cartographers. Some

assertions were incorporated in *Periplus*. The problem is that the quantity of documents is small. In vain do we search for correspondence with K. Kretchmer, G. Nuttall, S. Bergh, E. Steger, or other contemporaries who were writing in the field. It is clear that Nordenskiöld's work was a singular and for the most part solitary achievement. Professional reviews gave high marks to *Facsimile-Atlas* and *Periplus*, although C.R. Beazley's essay in *The Geographical Journal* on *Periplus* is quite critical of many generalisations on the discoveries. F.R. von Wieser's review opens the questions of the length of the portolan mile which resulted in a much longer scholarly discourse. The question of influence also needs to be examined from the distribution figures—who was buying these volumes? Since Nordenskiöld was responsible for all phases of publication we can safely add a publishing history to the catalogue of research needs.

In returning to the original questions, can it be asked if there is any way to distinguish how the different categories of collectors approached their acquisitions? With Nordenskiöld the intern developed from an interest in polar exploration and his later goal became the assembly of as much variety of documentation as possible to comprehend the essential themes of Ptolemy, projection, discovery, early atlases, and portolan charts. The



9. Crimea (1-4), the point by Alexandria with the mouth of the Nile (5-8), the Strait of Gibraltar and Majorca (9-12), in portolanos of 1311-1596.

(Right)
Nordenskiöld's signature from a note on the purchase of a Ptolemy (By courtesy of the

A. E. Nordenskroles

hopt i Paris New. 1881.

J. Les S. Of schkip Cutalagine XLIIII

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of deman Ptolemans apploped for 1500 for.

Les beterkness from "albo cowo varion."

(Left)
Nordenskiöld was a pioneer in the study and analysis of maps. This comparison of deltas on early maps is from his Periplus: An Essay on the Early History of Charts and Sailing Directions,

1897 (By courtesy of the Bodleian Library)

University of Helsinki Library)

objective was simply to examine, analyse and write results. This appears different from the motives of the specialists in Americana (Brown, Ayer, Lenox, and Streeter) who did not set out to create map collections at all but whose interest in particular regions led them to cartography. Another comparison is added when the dealer collectors from the Netherlands are investigated. In the case of Frederik Müller, the effort was to assemble as much material as possible on a particular topic beginning with pamphlets, portraits, and historical prints and later focusing on regional areas and voyages. The appearance of dealer catalogues with a bibliographic character must have profited greatly from the close collaboration with Bodel Nijenhuis, and beginning in 1853, the assistance of P.A. Tiele (who maintained his affiliation with other libraries in Amsterdam).14 Bodel Nijenhuis, who also entered the field from bookselling, eventually amassed a collection of 40,000 maps which was deposited at the University Library, Leiden in 1872. The collection presently incorporates all geographic and subject areas, although with a principal focus on the Netherlands and Europe.

Can we detect a stronger influence from the trade during the formative stages in the development of this field? Decidedly so. The invoices show that Nordenskiöld was in communication with ninety four firms of booksellers in the course of collecting and many were bringing to his attention books and maps previously unknown. Even when the nature of the correspondence was not substantive, the volume permitted Nordenskiöld to make intelligent choices and to keep alert to new opportunities. His initial inquiry to Müller when he first considered the sale is no accident. Obviously, at a time when public archives were few and disorganized, and communication with scholars quite limited, the opinion of dealers became all the more weighty. So the trade came to serve a much larger information network and fulfilled many functions of dissemination, including distribution of the publications. Correspondence with Leo Olschki from 1887-90 reveals the offer of eight Ptolemies, four geographies, seven Dutch atlases, the Lafreri, five sea-atlases, and two portolani.

This survey set out to examine the process of accumulation in relation to the trade at the earliest stages of map study. Nordenskiöld's concentration on research meant that he could focus resources on the large questions involving the use of maps. The trade itself came to influence the quality of this research through its traditional role of identifying documents. The correspondence, although predictable in its form, reveals a high degree of activity and even selectivity on the part of many dealers. So while the nature of the research was solitary, Nordenskiöld

enjoyed a healthy and stimulating source of input. It would be useful to know at this stage how many other collections possess the documents to show how they were formed. The correspondence from the Müller firm has disappeared, but presence of other manuscript resources would give a comparative aspect to this work and more fully develop our ideas about the early world of map scholarship.

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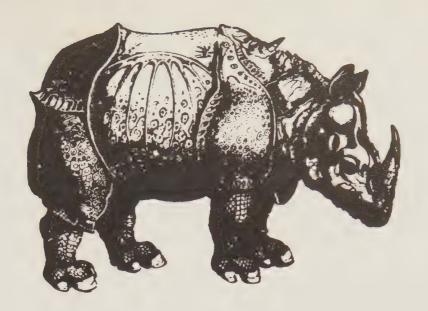
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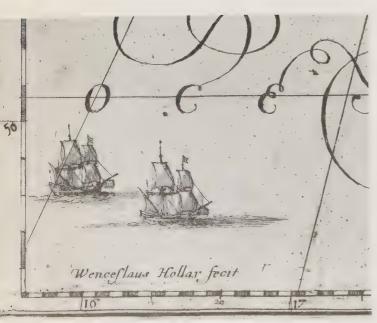
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A Seventeenth Century Map Discovery by David Bannister



A MAP SIGNED by Wenceslaus Hollar (1607-1677), of which there appears to be no previous record, came into my possession in 1980. It is a large map printed on six pieces of paper which have been joined and is titled 'A New Mapp of the Kingdome of England and Principalitie of Wales.'

One of the most interesting features of the map is that it shows roads, mainly – as would be expected – the ones which emanate from London. No date is given but the watermark in the paper is identical to the one illustrated by W. A. Churchill in *Watermarks in Paper*, 1935, Plate CCCXIX, No. 42, to which he attributes the date 1645. Another clue to the date is the publisher, William Berry (1639-1718) whose address is given in the title piece as one which he had left by February 1676¹ . . . As the earliest of Berry's known publications is dated 1669, it is possible, to suggest 1669-1676 as the date of publication of this map.

There is, however, also a possibility that it was first issued at an earlier date. The three bottom lines of the title piece, 'Sold by William Berry at the Signe of the Globe, between Yorke house and the New Exchange, in the Strand', are in a different style of lettering to the rest of the title and there are signs of re-engraving around the gargoyle-like face, besides loss of detail which could have been caused by beating the plate out for alteration; the implication being that Berry's imprint was put on to an earlier

Wenceslaus Hollar's 'A New Mapp of the Kingdome of England and Principalities of Wales' is a rare, undated map. Attempting to date it sets an intriguing puzzle. (Private Collection. Photo John R. Freeman & Co. Ltd.)

The title-piece for Hollar's map shows signs of re-engraving round William Berry's imprint. Did this erase an earlier imprint – suggesting that the map predates Berry's earliest known publication of 1669? (Private Collection. Photo John R. Freeman & Co. Ltd.)

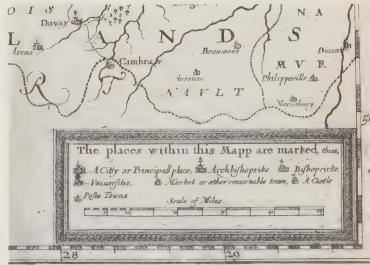
The state R New Mapp of the kingdome of PRINCIPALITIE OF WALES Contayning all the Shires, Capitall Cities, Market E Townes, Castles, and other more remarkable places, as also the Highwayes and principall Roads thorough the Ringdome, never before express in any such mapp, together with part of all the adjacent Countries, etc. Sold by William Berry, at the Signe of the Globe between Yorke house and the New Exchang, in the Strand Banik. Dagger

Hollar's signature on the bottom left-hand corner of the map. (Private Collection. John R. Freeman & Co. Ltd.)

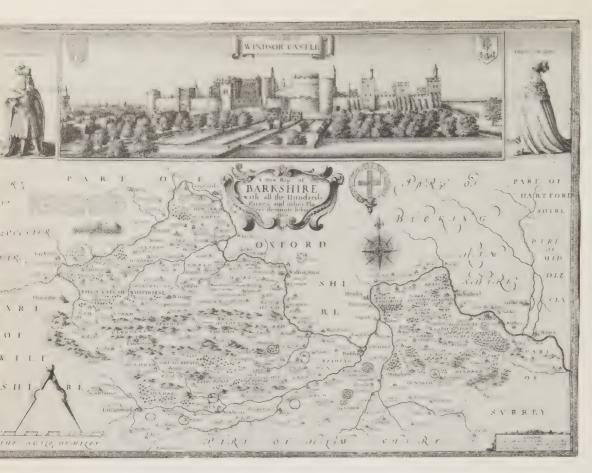
plate. The roads shown are mainly those terminating in London, most of the cross-country routes shown in John Ogilby's *Britannia* of 1675 are not included. There are none of the usual signs of the roads having been added to the plate after its initial engraving and the place names on the map omit many of the places with religious connections shown on many earlier maps.

If the map was first issued after 1675, it is unusual that the engraver, Hollar, who had engraved the title page of *Britannia*², did not include all the roads shown in that work. It is also surprising that no general maps of the British Isles earlier than the late seventeenth century are known showing roads as, although it is not generally realized, a postal system had been operating along regular routes since the late middle ages! The first recorded Post Master was appointed prior to 1533³ and his jurisdiction extended both to England and to the Kings Dominions beyond the seas. Royal Orders of 1603⁴ provided for the improvements at staging posts on the postal routes.

It is only reasonable to suppose that there would have been a demand for a map showing the routes which the posts took, as mail was collected at that time from various offices and not delivered door-to-door. All letters were first sent to London and then out again to their various destinations (Gloucester to London and back only took four days in 1660!). It is difficult to believe that the obvious need for a map of the post routes was not fulfilled by any



Hollar's map may have been intended to record the mid-seventeenth century postal system. The key includes 'Poste Towns'. (Private Collection. Photo John R. Freeman & Co. Ltd.)



Another example of Wenceslaus Hollar's engraving technique is this detail of Windsor Castle from 'A New Map of Barkshire' published in 1666. Hollar first came to England in 1636 and was soon recognised as a major craftsman. (By courtesy of The British Library).

of the commercially minded publishers of the seventeenth century. Had such a map been produced, its scarcity might be accounted for by its ephemeral nature. Nevertheless, it is difficult to believe that no examples are known. Perhaps this is that map! A pointer in this direction is given by the scale and explanation on the map which includes a symbol for 'Posfte Towns'.

Hollar is well known as a prolific etcher on copper of maps and views and he worked for a number of cartographic publishers including John Ogilby, Peter Stent and John Overton⁵. He introduced etching into England when he arrived from Prague in December 1636⁶ at the instigation of the Earl of Arundel. He had trained with Matthew Merian⁷ at Frankfurt-Am-Main, in Germany, and was first employed by the Earl to copy paintings. His skills were soon recognised and within three years he had been appointed teacher to the Prince who later became Charles II⁸.

As a result of the Civil War, Hollar fled to the continent sometime in 1644, returning in 1651. Despite the disruptions caused by the war and his previous employment at Court, Hollar was soon engraving again. Many of the works from this period were maps and illustrations for books (generally of a topographical nature) rather than separate maps, although some of these were published. Amongst them were the 'Map of Berkshire' with a very fine view of Windsor Castle¹⁰, the 'Plan of the City of London after the Fire'¹¹, and the rare striking map of the British Isles dated 1667 with a prospect of the City of London in flames during the Great Fire¹², all published by John Overton.

In 1673 he engraved a map of Zeeland for William Berry¹³, who was the publisher of this map, and, at about the same time, produced the plate for the famous frontispiece of Ogilby's *Britannia*. This was the first road atlas and the maps were the first specifically to depict roads apart from an early seventeenth century series reproduced from a Roman map, and the map of the Roman roads in Britain published by William Burton in his 'Commentary on Antonius his Itenerary' . . . printed in London 1658¹⁴.

William Berry was a publisher and seller of maps and globes who is known to have been in business at a number of addresses in London between 1671 and 1700. He was the son of a Warwickshire baker and his earliest known work was a book on astronomy published in 1669. He also sold the famous Robert Morden playing card maps¹⁵ of 1676, the first complete series of county maps to show the roads, and was the publisher of a large series of two-sheet

maps based on originals by the eminent French Cartographer, Nicolas Sanson¹⁶.

Obviously, Berry would have appreciated the need for a general map showing roads and as commercial publisher there is no reason to doubt that he would have been prepared to change the imprint on a map plate which had already been published (by Overton perhaps?). But, if this is the case, it is unusual that no example of the earlier map – by so eminent an engraver – is known.

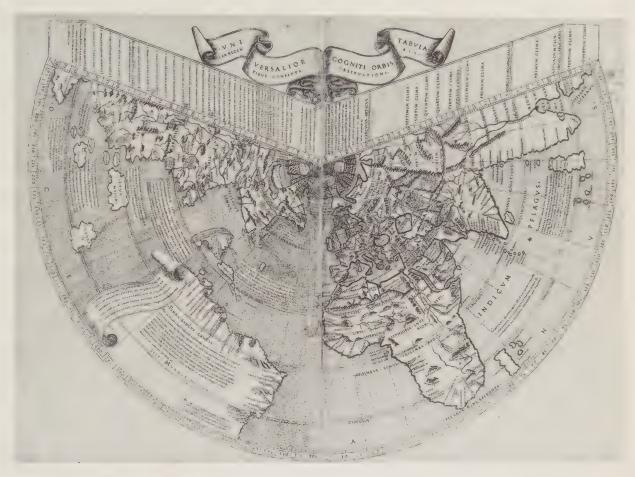
the earlier map – by so eminent an engraver – is known.

Author's Note: Since this article was written two further examples of this map have been located although it has not yet been possible to see either of them. It does, however, seem that both are examples of an earlier state of this map published by an obscure London publisher, William Place, whose address is given on the map as 'Grayes-Inne Gate' along with the date 1668. The date 1667 is given next to Hollar's signature. It is interesting to note that the conclusions derived in the first place have proved to be correct in the light of this new information. I would be delighted to have the views of readers of *The Map Collector* and any additional information they may provide. The assistance of Rodney Shirley in the preparation of this article is most gratefully acknowledged.

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- 16 Op. Cit. 11 Page 247.

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Maps by Pendleton's Lithography

by Walter Ristow

Lithography, which is essentially a method of printing where greasy ink is applied to damp stone, started in the early nineteenth century in Europe. It did not become permanently established in North America until the founding of the firm of William S. and John Pendeleton. In this article, Walter W. Ristow, who retired as Map Librarian at the Library of Congress, Washington DC, in 1978, describes how this process came to be used by this firm to produce a number of interesting maps and globes.

LITHOGRAPHY HAD a tardy introduction into the United States. Bass Otis' drawing, published in the July 1819 issue of the *Analectic Magazine*, is generally accepted as the earliest example of American lithography. By this date, the new reproduction technique, invented by Alois Senefelder, had experienced two decades of experiment and development in Europe. Otis is credited with having prepared two other smaller lithographs, but

this was apparently the limit of his interest.

Two years later, in 1822, *The American Journal of Science and Arts* published a 'Notice of the Lithographic Art, or the art of multiplying designs, by substituting Stone for Copper Plate, with introductory remarks by the Editor.' All the illustrations in the 1822 *Journal* were printed from lithographic stones prepared by the firm of Barnet and Doolittle. The two young partners, William A. Barnet and Isaac Doolittle had acquired a basic knowledge of the lithographic process while in Paris, where William's father, Isaac Cox Barnet, served as American Consul from 1816 to 1833. Barnet and Doolittle purchased a lithographic press, stones, and other equipment and supplies, which they shipped to New York City. In 1821 they opened, at 23 Lumber Street, the first American lithographic printing shop.

Among the lithographs in the 1822 issue of *The American Journal of Science and Arts* was a page-size map entitled 'Barton on the Catskills' which illustrated D.W.Barton's article 'Notice of the Geology of the Catskills'. It diagrammatically maps fourteen geologic strata in the Catskill Mountains of New York State and is the earliest example of cartographic lithography in the United States. The Barnet & Doolittle firm, like other early American lithographic establishments, was short-lived, and this was their

only map contribution.

In 1824, Anthony Imbert, a one-time French naval officer, marine painter, and lithographic artist, immigrated to New York City. One of his first commissions was to prepare illustrations for Cadwallader D. Colden's *Memoir*, which celebrated completion of the New York State canals. An appendix to the volume states that, 'a considerable number of the printed plates of the work are in Lithography . . . these impressions are from the very first press, which on this side of the Atlantic, has been put into effectual operation, many abortive attempts having been made prior to Mr. Imbert's successful one'. The *Memoir* includes four maps, two of which are facsimile reproductions of earlier works.

Between 1825 and 1835, a number of small lithographic printing shops were established in Boston, New York, Philadelphia, and Washington. Some were operated in conjunction with previously established copper plate engraving firms. Maps were among the illustrations prepared by these early lithographers, most of whom had limited periods of operation.

More enduring was Pendleton's Lithography of Boston, which functioned successfully for about a decade and a half. Rollo Silver, an authority on early printing in the United States, affirms that the lithographic 'art became permanently established in this country with the founding . . . in 1825 of the firm of William S. and John Pendleton'. Information about the origins of the Pendletons and of their lithographic establishment is uncertain and conflicting. One version holds that William and John were sons of a Liverpoolborn sea captain, who had settled in New York City with his English wife around 1789. Both boys were born in that city, William in 1795 and John in 1798. According to C.C.Baldwin, who

claimed to have received the information from William, Captain Pendleton was lost at sea shortly after the birth of the second son.³

Little is known about their early life in New York City. From subsequent experiences, we may infer that William's education included music and that John studied drawing, in addition to general studies. Later William, and perhaps John, were apprenticed to engravers and learned that trade. Groce and Wallace note: that, in 1816, both boys were employed to install gas lighting systems in the Peale Museums in Philadelphia and Baltimore. In 1820 the two young Pendletons toured a number of American cities exhibiting Rembrandt Peale's large painting, 'The Court of Death'. As a result of these contacts, some biographers credit Peale with having assisted the Pendletons in establishing their lithographic shop in Boston.

Baldwin, somewhat in disagreement with the above account, reports that William Pendleton went to Washington in 1819 where he worked as an engraver for about a year. Here, Baldwin states, he was joined by his brother and the two travelled in the west. This chronology agrees with the reported tour taken to exhibit Peale's painting. Following the tour John returned to Philadelphia while William went to Pittsburgh. Unable to find employment as

an engraver, he turned to giving flute and piano lessons.

The odyssey of William Pendleton next places him in Boston. There is a lack of agreement as to whether he went there directly from Pittsburgh, or reached the former city after brief sojourns in New York City or Canada. Citing John W. A. Scott, a one-time employee of the Pendletons, Taylor notes that, 'William S. Pendleton came to Boston from Canada with Alexander Mackenzie, a copper plate engraver, who had failed in business in Montreal'. This was in about 1819 or 1820. Mackenzie went into partnership with Abel Bowen in 1821, and presumably William Pendleton worked for them and the next we hear of Pendleton was when he was in partnership with Bowen on Harvard Place in 1825.'8 In view of William Pendleton's earlier reported activities his arrival time in Boston could have been no earlier than 1821.

Meanwhile John Pendleton spent some time in Europe, probably in 1824 or 1825, where he learned the principles of lithography. The November 5, 1825, issue of the *Boston News Letter* stated, under the heading *Lithography:* 'This beautiful and highly useful art which has lately made great advancement in Europe, we are happy to announce is in successful operation in this city, being introduced by Mr. J. Pendleton, who has made it his study

in Europe'.

A month later the Boston Monthly Magazine issue of December 1825 noted that, 'Specimens of this art have, from time to time, reached us, and excited considerable attention among our artists, as well as curiosity amongst our lovers of the arts; but still nothing was done to bring lithography into this country until within a few months, when Mr. John Pendleton commenced an establishment for lithography in this city. . . Mr. Pendleton is a young gentleman of taste and talents, from the State of New York, who on a visit to Paris, on business of an entirely different nature, and becoming pleased with lithography, put himself immediately under the first artists of France, and acquired, as we believe, a thorough knowledge of the art and the principles on which it is founded. With this stock of information, and with great love of the profession, and, in addition, a good supply of the proper stone and other materials for the pursuit of the art, he came to Boston and engaged with his brother, a copper-plate printer of established

Apparently John Pendleton was occupied with lithographic printing independently, for a time, perhaps using space provided by his brother, William, and Bowen. Notices signed by William Pendleton and Abel Bowen, published in the February 4 and 11, 1826 issues of *Bowen's Boston News Letter and City Record*, announced dissolution of the firm of Pendleton and Bowen, effective January 31, 1826. The same issues of the *News Letter*

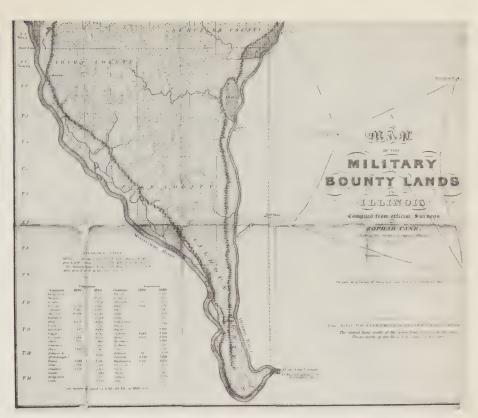


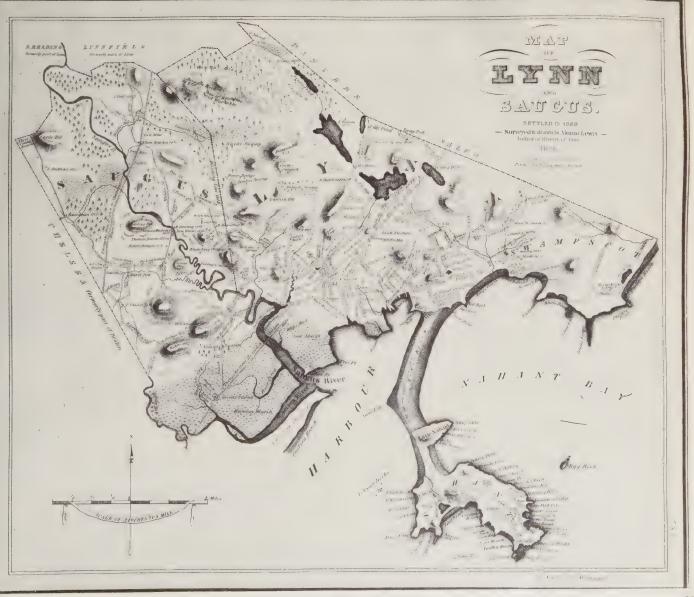
A portrait of John B. Pendleton in oil on canvas. The artist was Rembrandt Peale and the picture was painted c.1828. (By courtesy of The Toledo Museum of Art.

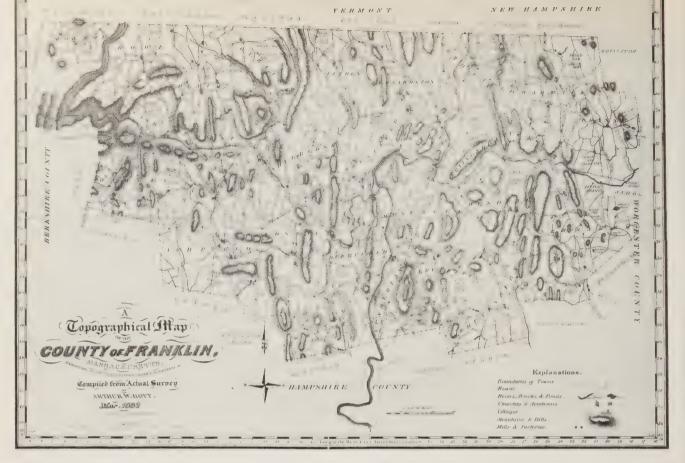
(Right)
This map of the Military Bounty Lands in Illinois was prepared by Pendleton's Lithography to illustrate a Congressional Report. Only a portion of the map is reproduced here. (By courtesy of the Library of Congress)

(Below)

(Below)
Lynn and Saugus, the first Massachussett's town plans
prepared by Pendleton's Lithography, was printed
a year before the State Legislature passed an
act requiring town officials to prepare plans for submittal
to the Secretary of State. (By courtesy of the Library of Congress)







reported that W.S.Pendleton would continue business with his brother 'who will add to the Establishment the advantages of Lithographic Printing. . . To those whose occasions require Fac Similes, Maps, Circulars, &c., to which this art is peculiarly adapted, Specimens will be exhibited'.

The Franklin Institute of Philadelphia early evinced an interest in lithography, and offered encouragement. The exhibition committee, for the Institute's third exhibition, in October 1826, awarded, 'For the best specimen of lithography executed in the United States . . . to W. & J. Pendleton, Boston, the silver medal'. The subject of the lithograph, unfortunately, was not indicated. The following year the Franklin Institute awarded a premium 'to Rembrandt Peale, of Boston for . . . his beautiful portrait of Washington, executed by him, and printed at the press of Messrs. Pendleton of Boston, esteemed the best specimen of American lithography, ever seen by the committee on fine arts – silver medal'. 10

Some of the earliest products of Pendleton's Lithography were portraits, a number of which were published in various issues of the *Boston Monthly Magazine*. In 1828 the firm printed portraits of Presidents Washington, Adams, Jefferson, Madison and Monroe, from stones prepared by a M. Maurin, a skilled Paris lithographic artist. The lithographs reproduced paintings by Gilbert Stuart. Throughout their fifteen or more years of operation, Pendletons prepared a wide range of lithographic reproductions, including maps.

What may be the earliest Pendleton cartographic effort is a facsimile of John Foster's 'Wine Hills' map of New England, originally published in 1677. The facsimile was prepared by Moses Swett, a lithographic artist, and it was the frontispiece in Nathaniel Morton's *New England's Memorial*, fifth edition, published in Boston, in 1826, by John Davis. In this pre-photography period, the map was redrawn by hand, and has variations and inaccuracies from the original map.

John Pendleton seems to have had a more artistic temperament than his brother, and was less inclined to settle down. In 1828, he went to New York City for a brief period, then moved to Philadelphia where he became a partner in the lithographic firm of Pendleton, Kearny and Childs, in 1829. Proficient in engraving and business management, William Pendleton had only a secondary interest in lithography. He relied upon a staff of competent artists, copyists, and lithographic printers. Two Pendleton em-

ployees, Thomas Edwards and Moses Swett, with William Annin and George C. Smith, engravers, founded the Senefelder Lithographic Company in 1828. The latter was absorbed by Pendleton's Lithography in 1831.

The earliest separate Pendleton maps on record appear to have been printed in 1828, to accompany various reports submitted to the two houses of Congress. There was no official Federal map publishing agency at that time and printing maps, which were prepared to illustrate various congressional reports, was contracted to private map engravers and lithographers. Amongst these was Pendleton's Lithography, which printed the maps that accompanied reports of the Commissioners under the Treaty of Ghent, pertaining to the northern and northwestern boundary of the United States. ¹² The eight Pendleton items map the United States-Canadian boundary in Lake Huron and Lake Erie. All were drawn on stone by James Eddy.

Stauffer and Mantle report that Eddy, who was born May 29, 1806, was the son of Benjamin Eddy, a shipwright and Sarah James) Eddy. He seems to have been among the group of young artists who gravitated to Pendleton's Lithography in the late 1820's, and it may be that it was here he learned the technique of drawing on stone. In about 1828, Eddy also prepared a 'Map of the Country Embracing the Several Routes Examined with a View to a National Road from Zanesville to Florence', which also accompanied a report to Congress.

James Eddy's name appears on two other Pendleton maps. The first is a 'Map of Lynn and Saugus, Massachusetts', which was surveyed and drawn by Alonzo Lewis, Author of History of Lynn', published in 1829. The map, which includes the names of numerous land-owners, is the first of a number of Massachusetts town plans which were printed by Pendleton's Lithography. Another lithographic drawing prepared by Eddy is 'A Map of the Military Bounty Lands in Illinois, Compiled from official Surveys by Zophar Case, Clerk in the Auditor's Office' [Illinois]. There is no date on the map but a statistical table, in the lower left corner of the sheet, includes the 1830 population figures for the state of Illinois.

Pendleton's most ambitious programme of cartographic printing was prompted by legislative action of the Commonwealth of Massachusetts, in response to appeals, from various scientific bodies and individuals, for an authoritative map of the state. Accordingly, the Legislature, in March 1830, passed a resolution

requiring the City of Boston and the several towns in the Commonwealth to make an accurate map, each of its own territory, on a scale of one hundred rods to an inch, and deposit it with the Secretary of State. ¹⁴ Also in March 1830, the Governor of Massachusetts was authorized to appoint a skilful surveyor to make a survey of the state on trigonometrical principles. Robert Treat Paine was the initial appointee, but he was shortly succeeded by James Stevens, who was replaced in 1834 by Simeon Borden, who completed the project.

It was intended that the town plans, prepared by local surveyors, would comprise the source material from which the state map would be compiled. Borden later reported, however, that he 'found the town plans which had been returned to the Secretary so inaccurately drawn as to render it impossible, in their actual state, to make a satisfactory map from them. 15 Borden and his assistants had to go into the field to make essential corrections and for this, and other, reasons the *Topographical Map of Massachusetts* was not published until 1844. The large map, at the scale of 1:158,400, was engraved on eight copper plates by George C. Smith of Boston. A geological map of the state, at the scale of five miles to an inch, was an inset.

Smith was a partner in the engraving firm of Annin and Smith and probably learned engraving from Abel Bowen, his employer, in about 1815. The association with Annin began about 1820. George Smith went to Paris for instruction in lithography and to collect materials, in about 1828, and on his return to Boston, Annin & Smith set up a subsidiary lithographic firm under the name Senefelder Lithographic Company. It was active for only three years and, in 1831, was taken over by the Pendleton firm. This increased their printing facilities to four lithographic presses and the same number of copper plate presses.

Although Simeon Borden found the town maps unsatisfactory

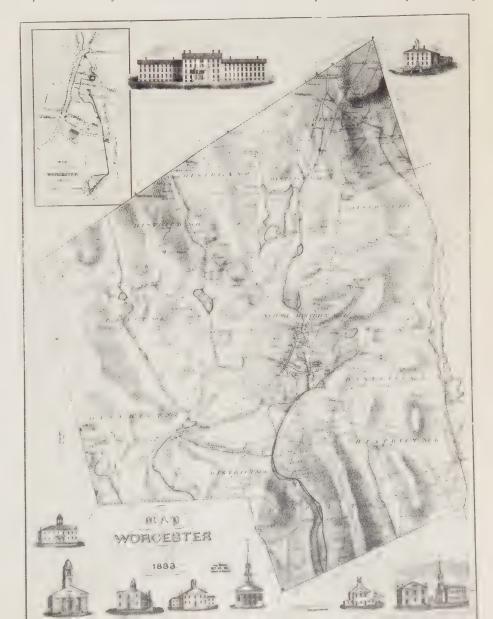
as compilation material for the state map of Massachusetts, the former included detailed local data about property owners, roads, physical features, forests and villages, which was of interest to local inhabitants and between 1830 and 1836 a number of the Massachusetts town plans were published. A few were printed from copper engraved plates, but the majority, forty or more, were reproduced by lithography. Several carry the imprint of 'Senefelder Lithographic Company' or 'Annin, Smith & Cos. Lithg', but by far the greater number of these plans were prepared at 'Pendleton's Lithography, Boston'.

We do not know who initiated the idea to publish the town plans. Pendleton's, and other, lithographic plants printed the plans on order. This is confirmed by a bill preserved in the collections of the American Antiquarian Society, Worcester, Massachusetts, made out to Mr. Stephen Metcalf by W. S. Pendleton, and dated February 1, 1833. It covers 'lithographing a map of Bellingham, 11 copies, \$44.00, 25 extra copies, \$2.50, coloring 125 copies, \$6.25'. This suggests that Metcalf (and possible other publishers) could sell the printed town plans for as little as one dollar and still make a modest profit.

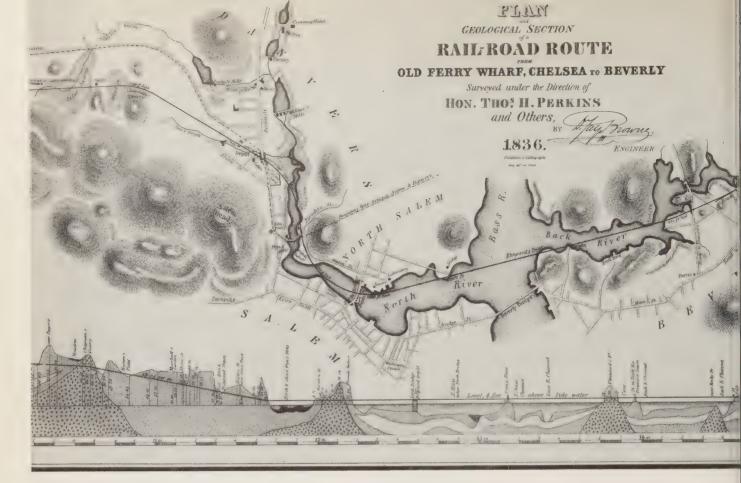
A number of the original manuscript town plans are preserved in the Massachusetts State Archives. There are reduced photostat copies in the Library of Congress Geography and Map Division. Comparing the printed maps with the corresponding manuscript drawings reveals some significant differences. In addition to being in more finished form, with neatly designed title cartouches, the printed maps all have names of property owners which do not appear on the manuscripts. A common feature on both is the symbol for wooded areas. On all but one or two printed maps the surveyor who prepared the manuscript plan is credited as being the author.

However, Pendleton did not publish the town plans, he only

(Left)
The topographical Map of the County of Franklin,
Massachussetts, is the only county map with the
Pendleton's imprint that has been identified.
(By courtesy of the Library of Congress)



Some of the later Pendleton cartographic works, such as this map of Worcester, have marginal illustrations. (By courtesy of the Library of Congress)



did the lithographic printing. The publisher is named on several maps, Moses Pettingell on the plan of Newbury, Newburyport, and West Newbury, Lionel Shattuck, for the town of Concord, and C. Harris for the map of Worcester, in addition to Stephen Metcalf. The Newbury plan was registered for copyright by Pettingell, the only Massachusetts town plan examined which carries a copyright statement.

Local individuals probably served as publishers of one or more of the town plans. They may have engaged the original surveyor to traverse the town to add the names of landowners, or this information may have been secured from the town clerk. The plans were probably redrawn at Pendleton's Lithography with lithographic ink, on transfer paper, from which the image was transferred to stone. That Pendleton's Lithography had this capability is evident from information in a letter written by Fred. K. F. Hassam January 1, 1895, to a Mr. Denio, and quoted by Peters in his America on Stone. Describing the opening dinner of Boston's Tremont House hotel, October 16, 1829, Hassam noted that, 'everything was done to make it a positive step forward in the art of Hotel Keeping. . . When the time came to have the first dinner Pendleton suggested something rare and new in the way of transfer upon stone and printed therefrom. Pendleton wrote the bill of fare with transfer ink upon transfer paper. Bischou transferred it upon the prepared lithographic stone and printed about 200 that were used at the dinner'.

The earliest Massachusetts town plan printed by Pendleton, of Lynn and Saugus, is dated 1829. This preceded the remainder of the plans which were based on the surveys for the state map and was 'executed on stone by James Eddy'. The years 1830 and 1831 were the most productive for Massachusetts town plans. Plans of the towns of Andover, Bellingham, Concord, Falmouth Neck, Hingham, Lexington, Newbury, Plymouth, and Stow have been recorded as coming from the Pendleton presses in 1830 and the firm printed town plans of Bradford, Dorchester & Milton, Groton, Halifax, Holliston, Lancaster, Mount Auburn, Scituate, and Sharon in 1831. In the same year Senefelder Lithographic printed plans of Gloucester, Stoughton, and West Bridgewater. A plan of the town of Newton, published in the same year, has the imprint 'Annin, Smith, & Cos. Lithography' and this imprint also appears on town plans of Bridgewater and Ipswich, dated 1832.

Other plans printed by Pendleton's include Framingham,

Halifax, and Wareham in 1832, Amherst and Worcester in 1833, and Taunton in 1836. In 1832 the firm also printed a 'Geological Map of Massachusetts', which was prepared by Edward Hitchcock, and 'Executed under the direction of the Government of the State'. It is uncoloured, with the geological formations and minerals identified by twenty-seven different symbols.

In his *Manhattan Maps*, Haskell describes a map of 'The City of New York drawn from actual surveys as furnished by the several city surveyors 1834. Pendleton, lithographer No. 192 B. Way.''* This map was reported to be in the collections of the New-York Historical Society. It was probably printed in the lithographic shop of John Pendleton, who was at this time in New York City. The firm also printed a 'Plan of the Town of Halifax Nova Scotia Including the North & South Suburbs', which was published in 1835.

Railroad surveying and construction were beginning to have an impact on various industries, including map printing and publishing, by the mid-thirties. Pendleton's first, and perhaps only, contribution to railroading was a 'Plan and Geological Section of the Railroad Route from Old Ferry Wharf, Chelsea to Beverly Surveyed under the Direction of Hon. Thos. H. Perkins and Others, By D. Jay Browne Engineer. 1836. Also in 1836 Pendleton's printed a Map of the Indian Tribes of North America about 1600 A.D. along the Atlantic; and about 1800 A.D. westwardly, which is the frontispiece fold-in in the Transactions of the American Antiquarian Society, Volume 2, 1836. In the same year, William Pendleton sold his lithography business to Thomas Moore, his bookkeeper. It is probable that Moore had managed the lithographic business for the previous four or five years. Tathum reports that 'the absorption of the Senefelder firm in 1831 marked the culmination of William Pendleton's association with lithography. In that year President Jackson vetoed the rechartering of the Bank of the United States with the result that in 1833 'pet' banks throughout the country issued new paper currency, each bank using its own designs. The business generated for copperplate engravers was considerable and to take advantage of the opportunity, William Pendleton formed the New England Bank Note Company. Though it was quartered at the same place as the lithographic shop, the new firm must have claimed a good proportion of Pendleton's attention and by 1834 the lithographic business was probably being run by the chief artist, Robert Cooke



No information has been uncovered relating to the Pendleton by Pendleton's Lithography. The entire map, of which venture into globe manufacture. Our only clue comes from a 1943 this is a segment, measures 63 by 111/2 inches. article by Alexander Vietor. Writing in the January issue of (By courtesy of the Library of Congress) Antiques magazine, for that year, he states that 'William B. Annin worked contemporaniously with Wilson [an early American globe manufacturer]. . . Annin was most likely a pupil of Abel Bowen, as he worked for that engraver in 1813 and some years afterward. Whether [Annin and Smith] actually sold globes is not perfectly clear. . . In 1826 Annin took out a patent to make artificial globes.

The details of the patent unfortunately remain obscure, due to the destruction of early patent records. Nevertheless it must have been in connection with the method of engraving or printing the plates for the paper gores which, after being printed, were pasted to the ball that was to be a globe. The bookseller, Josiah Loring, was the channel through which Annin globes were sold.22

There were close relations between William Annin and William Pendleton and Pendleton's Lithography absorbed Annin and Smith's Senefelder Lithographic Company in 1831. We might infer from this that Pendleton was aware of Annin's globe patent and may have experimented with printing globe gores by lithography. Judging from the small number of Pendleton globes that have survived, it is probable that very few were produced.

Although Pendleton's Lithography, and its successors, did a variety of illustrative printing, and maps constituted but one of a number of graphic formats that rolled from their presses, the firm was, during the decade and a half from 1825 to 1840, America's principal proponent of lithographic cartography. Map engraving continued to hold its own during these years, but by the late 1840s, lithography had largely supplanted engraving for map reproduction. Between 1848 and 1855 Henry Francis Walling, a native of Rhode Island, prepared and published maps of New England towns and counties, originally from headquarters in Boston. Around 1850 Philadelphia regained supremacy in map publishing with the establishment of a number of lithographic printing houses. With the perfection of chromolithography, and the introduction of the rotary steam press, Philadelphia maintained leadership in cartographic printing and publishing until after 1870.

and the bookkeeper, Thomas Moore, who acquired the firm in

Among the cartographic products bearing the 'Moore's Lithography, Boston' imprint are a 'Plan of Lots on Mount-Bowdoin in Dorchester - Laid out by Cornelius Coolidge & Surveyed by Thomas M. Mosely, Sept. 1836' and 'Plan of Land & Water Lots of the Charlestown Wharf Company, circa 1838. In 1837 Moore's Lithography also printed a series of nine charts of the coast of Maine, one of which is at the scale of 1:20,000, and the remainder at the scale of 1:50,000.

Based on the holdings of the Library of Congress Geography and Map Division, and the Winsor Memorial Map Room, Harvard University, the Pendleton-Senefelder-Moore lithographic establishments printed between forty and fifty maps. Assuming that these collections lack some of the products of these firms and that only a few maps printed by them as book illustrations have been identified, their total cartographic production, between 1826 and 1840, was about seventy maps. Although most maps published in the United States during these years were still reproduced from engraved copper plates, the cartographic output of the lithographic firms of Pendleton and associates made a

noteworthy impact on American map publishing.

There is one other little-known, but significant, Pendleton cartographic contribution deserving mention. In her Catalogue of Early Globes, Ena Yonge described a terrestrial globe by 'Pendleton, Boston', which she ascribed to 'William Kimborough Pendleton?' with the questioned date of 1840.20 The date and assumed author are, seemingly, both in error, although it has not been possible to examine the particular item described by Yonge. There is, however, in a private collection in New Jersey, a globe which appears to be identical with, or similar to, that described in the Yonge catalogue. The globe in the New Jersey collection is also sixteen centimeters in diameter and, with mounting, stands thirtytwo and a half centimeters. The cartouche reads 'Pendleton's Lithy. Boston'. The same collector has 'another globe – same size, same stand but no cartouche, date or author. There are changes in place-names, lettering and delineations but it is hard to tell if it is earlier or later. It is so close to the Pendleton globe it seems as if it would have had to have been made by the same firm'.21 Although the globe with the Pendleton imprint is not dated, we may assume it was made about 1834.

References:

l Cadwallader D. Colden, Memoir, prepared at the request of a committee of The Common Council of the City of New York, and presented to the Mayor of the City, at the celebration of the completion of the New York Canals, New York, 1825, p. 349.

2 Rollo G. Silver, The American Printer 1787-1828, Charlottesville, Bibliographical Society of the University of Virginia, 1967, p. 169.

- 3 Christopher Columbus Baldwin, Diary, Worcester, Mass., American Antiquarian Society, 1901, p. 33.
- 4 George R. Groce and David H. Wallace. The New-York Historical Society's Dictionary of Artists in America 1564-1860, New Haven, Yale University Press, 1957, p. 497.

5 Ibid.

6 David Tatham, 'The Pendleton-Moore Shop, Lithographic Artists in Boston, 1825-1840', Old Time New England, v. 52, Oct.-Dec. 1971, p. 32.

7 Baldwin, op. cit., p. 332.

8 Charles Henry Taylor, 'Some notes on early American lithography,' in American Antiquarian Society, *Proceedings*, n.s., v. 32, part 1, 1923, p. 77 9 Bowen's Boston Newsletter and City Record, Feb. 4, 1826, p. 95

10 Cited in George H. Eckhardt, 'Early lithography in Philadelphia'. Antiques, v. 28, Dec. 1935, p. 250. 11 Mabel M. Swan, 'The American Kings', Antiques, v. 19, April 1931, p. 278-286.

12 Letter from the Secretary of State Transmitting, pursuant to a Resolution of the House of Representatives, of the nineteenth ultimo, A copy of the Maps and Report of the Commissioners Under the Treaty of Ghent, For Ascertaining the Northern and Northwestern Boundary Between the United States and Great Britain March 18, 1828, Washington, printed by Gales & Seaton, 1828

13 David M. Stauffer, American Engravers Upon Copper and Steel, New York, Grolier Club, 1907. Part I, p. 75 Fielding Mantle. A Supplement to David McNeely Stauffer's American Engravers.

Philadelphia, 1917. p. 14. 14 Simeon Borden. Account of a trigonometrical survey of Massachusetts, in American Philosophical Society, Transactions, n.s. v. 9, 1846, p. 33.

16 As cited by Harry T. Peters, America on Stone, New York, 1931, p. 318.

17 Ibid., p.315

18 Daniel C. Haskell, Manhattan Maps, a Co-operative List, New York, New York Public Library, 1931, p. 48.

19 David Tatham, 'The Pendleton-Moore Shop, Lithographic Artists in Boston, 1825-1840. Old-Time New England (Bulletin of the Society for the Preservation of New England Antiquities), v. 62, Oct.-Dec. 1971, p. 35-36.

20 American Geographical Society. A Catalogue of Early Globes Made Prior to 1850 and Conserved in the United States. A preliminary listing by Ena L. Yonge. New York, American Geographical Society, 1968, p. 54.

21 Personal letter, dated March 25, 1980, from the owner of the two globes. 22 Alexander O. Vietor, 'Some American globemakers', *Antiques*, Jan. 1943, p. 22

BOOK REVIEWS

THE MAPS AND TEXT OF THE BOKE OF IDROGRAPHY. Presented by Jean Rotz to Henry VIII. Edited by Helen Wallis with a Foreword by Viscount Eccles. Printed for presentation to members of the Roxburghe Club. Oxford 1981. Editorial: pp xvi + 96 + index map; facsimile atlas: title page + 7 + 12 maps (565 × 710 mm). Price £575. Available only from Maggs Bros Ltd, 50 Berkeley Square, London W1X 6EL.

The Roxburghe Club, founded in 1812, has a membership of forty bibliophiles, each of whom expects to print some hitherto unpublished item of historical or literary interest for presentation to other members of the Club. Formerly, only sufficient copies were printed for distribution within the Club, but in recent years a number of additional copies have been printed for sale in order to offset rising costs and so help to maintain the high quality of the Club's productions. Viscount Eccles has now printed Jean Rotz's *Boke of Idrography*, a world atlas of considerable importance, of which 200 copies are available for sale.

Jean Rotz was born in Dieppe of a Scottish father and, it is thought, a French mother at a time when Dieppe was one of the world's leading ports. During the early part of Rotz's life a number of French expeditions were sent from Dieppe to various parts of the world, challenging the claims of both Spain and Portugal to a monopoly of trade, which they claimed in the areas defined as their spheres of influence in the Treaty of Tordesillas of 1494. As a result of these voyages, some of which Rotz accompanied, a large collection of charts and works on navigation was built up in Dieppe, giving rise to the so called Dieppe School of Hydrography, of which Rotz was a leading participant.

Between 1536 and 1540 Rotz began to construct a world atlas from material available to him

in Dieppe, which he originally intended to present to the King of France. However, circumstances forced him to change his plans before the atlas was completed, and in 1542 he decided to seek employment in England at the court of Henry VIII. Henry, recognising his talents, appointed Rotz as his Hydrographer, whereupon Rotz completed his atlas and presented it to the king. The atlas remained in the Royal Library until it was transferred to the British Museum in 1757, eventually passing to the newly formed British Library in 1972.

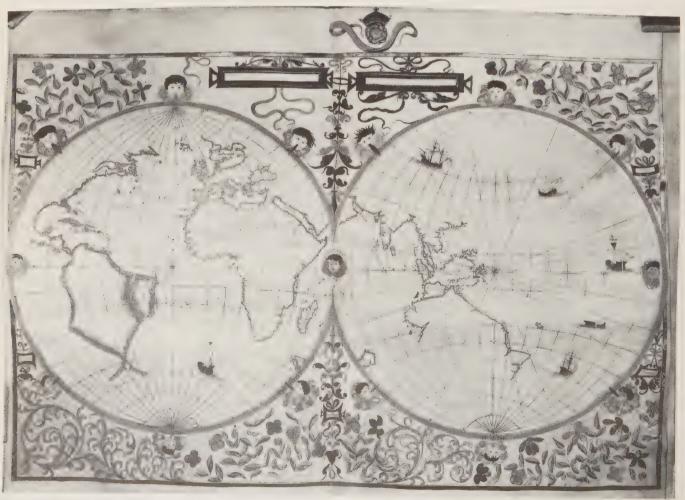
The Rotz atlas is a magnificent example of Tudor cartography, with its eleven regional charts drawn on vellum in portolan style and with an additional chart depicting the world in two hemispheres. The regional charts with their illuminated borders and detailed ethnographic and natural history drawings are items of great beauty, making the atlas a work of art, which alone would justify its reproduction. A comparison between the original and the facsimile shows how well the brilliant colours of the original have been reproduced, only the gold has lost some of its lustre. It would be churlish though to expect Viscount Eccles to go to the expense of using gold leaf on his reproduction.

The importance of the atlas is not just in its beauty, but in the cartographic and ethnographic information that it contains. The numerous Portuguese place names found on the charts indicates that the principal source of the atlas was a world chart which somehow had reached Dieppe from Portugal. This has been augmented from information obtained during the French voyages. The most striking feature of this atlas and all other atlases of the Dieppe school is an extensive coastline which Rotz has drawn on his world chart south of Sumatera, partly enclosing a land mass which he has named The Londe of Jaua, but

which is better known as Java-La-Grande. This feature has been cited by certain historians from Dalrymple in 1786 to Macintyre in 1977 as evidence that it was the Portuguese that first discovered the east coast of Australia. In her scholarly commentary on the atlas Helen Wallis has discussed all the various arguments put forward about Java-La-Grande without committing herself to either side in the argument. It is interesting to speculate whether Rotz would have included The Londe of Jaua at all had he been in possession of one of Battista Agnese's world charts, which were being drawn about the same time, showing correctly Elcano's 1522 track in the Victoria from the Philippines to the Indian Ocean via Timor, cutting right across Java-La-Grande. Helen Wallis however has not allowed herself to discuss this controversy at a disproportionate length and has, with the assistance of a small number of scholars of international status, commented with equal skill on many other aspects of the atlas as well as Jean Rotz's life and works.

Henry, however, would probably have been far more interested in the ethnographic drawings than in the coastline of Java-La-Grande. These drawings occupy most of the land area on all the regional charts and are intended to give information on the natives in the regions mapped, in conjunction with information on animal and plant life. Red Indians and wigwams are to be found in North America and a Rajah's procession in Malaya, though this has been misplaced from Sumatera. However, by far the most important of these drawings are those of South America, probably based on Rotz's own experiences. Of particular interest is the depiction of a palisaded Tupinambá village in Brazil, showing the natives trading with the French in brazilwood, the killing of captives and the roasting of human flesh

Viscount Eccles is to be congratulated on



The attractive world map from *The Boke of Idrography*, a full-size facsimile of a famous maritime atlas issued recently. (By courtesy of the British Library).

making this magnificent atlas available to a wider public and in his choice of Dr Helen Wallis, Map Librarian of the British Library, to prepare the commentary. Dr Wallis, who has spent four years working on this project in conjunction with her team of experts, has produced a commentary of such scholarship that detailed comments would be presumptuous. In spite of its cost this is an atlas that no reputable major library can afford to be without, while any private collector who can afford this atlas will find it a joy to handle and own, providing him with immense pleasure for the rest of his life.

I would like to express my thanks to Mr Christopher Dobson, Honorary Secretary, for giving me details of the Roxburghe Club.

Andrew David (Hydrographic Dept., Taunton).

PRINTED MAPS OF SUSSEX 1575-1900. By David Kingsley. With Introduction by Helen Wallis. Published by Sussex Record Society, Lewes, as Volume 72, 1982. pp. xxxvii + 439, 40 black and white plates, £20. ISBN 0 85445 031 9. 170 mm × 245 mm.

David Kingsley's Printed maps of Sussex may be acknowledged as an important milestone in English carto-bibliography. The milestone has been erected, moreover, on an uphill road for, as one of his appendices states, Sussex is only the seventeenth county in England and Wales to have received such definitive treatment. Its route stretches back to Sir Herbert George Fordham's pioneer catalogue of Hertfordshire maps, published at the beginning of this century. The reason for such a slow progression in an enterprise of so fundamental an importance to collectors and historians of maps alike is not difficult to understand. The labour itself is, without exaggeration, immense. David Kingsley himself, in answer to the question how long does it take to compile such a carto-bibliography for an English county, paraphrases an old saying: 'If you are asking how long it takes, you haven't got the time'. Those who like statistics may be interested to know that a Jansson copper-plate can be traced through eighteen separate editions of nine atlases, while the map of Sussex first published in Cary's New English atlas, passed - in the period between 1801 and 1887 - through eleven states, some in atlases and some in loose format. In addition, eleven different lithographic transfers, in thirteen separate editions have been identified. To complete a county carto-bibliography, to judge from David Kingsley's work at least, not less than 4,000 separate map impressions may

have to be examined. The increasing refinement of bibliographic method has added to the complexity of the research. David Kinglsey reminds us that English county carto-bibliographies may be classified according to what he designates as 'Method A' and 'Method B'. Far from being an obscure technical nicety, knowledge of these procedures is a key to understanding the development and present usefulness of published catalogues. Adopted by most compilers, Method A employs a straightforward chronological sequence so that, for example, the entries of Saxton would be scattered in the sequence at various dates from the 1570s to 1770. According to Method B, first developed by Fordham and subsequently rigorously applied by Harvey (The printed maps of Warwickshire, 1959) and Hodson (The printed maps of Hertfordshire, 1974), the first edition and all subsequent states are grouped together in the catalogue under one entry. While this method is more time consuming, it has several advantages: providing a consolidated printing history for each image; revealing genetic connections between different issues; facilitating comparisons of maps; and, finally, raising carto-bibliography from a rather elementary listing exercise towards a more precise science.

David Kingsley has thus set his sights high in adopting Method B. That he completed the volume to its specification, and to the highest standards of bibliographical description, is proof enough of his single-mindedness and scholarship over the years. Reading between the lines of some inevitably dry entries, it may be sensed that - even apart from the good lunches which the locating and examining of some 4,000 impressions may have required – in a dogged way he has enjoyed it all. Obscure map states are as icing on the cake to the discerning carto-philiac and we can now turn to Maps of Sussex to find particulars of a dozen atlases, or hitherto unknown editions of atlases, that have gone unrecorded in either Harvey or Hodson. It is a pleasure to be able to report such progress.

Apart from its value as a bibliographic bedrock, this volume also contains a few surprises and bonuses. There is, first of all, the Introduction, by Helen Wallis. While this does not address itself specifically to the maps of Sussex, it does provide an excellent brief history of English regional mapping, incorporating some ideas from recent research and emphasising the period down to 1800. Secondly, David Kingsley has preserved for us, in the form of biographical summaries and footnotes preceding the main bibliographical entries, much of the substance of his considerable background research. In contrast to most of the results of a recent opportunist trend in publishing about early maps - where authors with little acquaintance with the specialist literature purport to create instant guides for collectors and 'beginners' - Kingsley's summaries are genuinely full and authoritative. For some maps, moreover, as with the valuable account of Richard Budgen's Sussex (1723) and William Edwin Baxter's 1860s re-issue of Greenwood, an original essay is embedded in the volume. Thirdly, there is an impressive array of useful appendices. The first seven are concerned with 'interesting maps' which, falling outside the defined scope of the catalogue, are nevertheless integral to the history of the mapping of Sussex. Such material is classified under headings of manuscript maps (relating to part or whole of the county), maps of the coast of Sussex, maps of south-east England, perspective views, road books (reminding us how badly Fordham's standard list in this field needs redoing), Ordnance Survey maps, maps of part of the county, and a summary of John Norden's known work on English county maps. The remaining appendices are devoted to the tools of carto-bibliography. They provide hints for dating county maps from independent historical evidence, a key to railways, and bibliographies of published works. There is also a very full index. All this wealth leaves as the only disappointment the indifferent quality of some of the reproductions of maps (the frontispiece of Norden's Sussex is particularly dismal), presumably a matter of production incompetence beyond the author's control.

So, all in all, this hefty volume is a notable addition to the literature of English cartography. It is an example to us all to publish our research findings and to do so in full. This book should now be the starting point not only for beginners in the history of English county maps but also for the old hands. Kingsley, taking its place on the shelf alongside Harvey and Hodson, becomes indispensable for the subject. Moreover, inasmuch as Sussex cartography is truly a microcosm of English regional cartography, it should be in all our libraries for its general worth.

J.B.Harley (University of Exeter)

CARTES DES CÔTES DE BRETAGNE DU XVIe SIÈCLE A NOS JOURS (Maps of the



Coasts of Brittany from the Sixteenth Century to today) *compiled by Monique Pelletier and Alfred Fierro*. Available from Archives départementales du Finistère, Annexe de Brest, rue des Archives, 29200 Brest. 81 pp. (295mm × 210 mm). 30 francs.

This illustrated catalogue is of an exhibition at the Brest Museum organised on the occasion of the 107th Congrès National des Sociétés Savantes held at Brest, France, in April 1982. It consists largely of a descriptive list of seventy-four manuscript or printed charts, maps, plans and books from collections in Brittany and Paris.

There are comments and references by experts on most of the exhibits and groups of items are introduced by brief but authoritative notices as follows: Sixteenth and Seventeenth century Dutch maps; the Seventeenth century Dieppe hydrographer Jean Guérard; the Chevalier de Clerville-Colbert's surveyor; the Neptune François 1693-1773; the Development of Scientific Cartography in the second half of the eighteenth century; Ports and Coastal Fortifications at the end of the eighteenth and beginning of the nineteenth century; the Determination of Longitude at Sea (Sixteenth to Eighteenth century); the Birth of Modern Hydrography, Beautemps-Beaupré (1766-1854); Beautemps-Beaupré to the Present Day.

The rest of the catalogue is concerned with very recent developments in the mapping of the littoral involving modern techniques such as photointerpretation, remote sensing and infrared photography – topics of lesser interest to present-day collectors and historians of cartography. The major part of this attractive and inexpensive publication covering earlier maps will, however, be of immediate and enduring importance for all those interested in marine cartography and in the mapping of Brittany.

I.E.Jones (Birmingham University)

Catalogues Received

THOMAS SUAREZ, 2142 Broadway, New York, NY 10023, USA Tel: 212-877 7468. Catalogue II. Maps, Music, Mammals, Mariners, Monsters & Mermaids. An Exposition of Antiquities Rare, Fascinating, and Beautiful c1340-1631. Catalogue, compiled by T. Suárez, arranged in chronological order. pp. [40], 28 entries, 35 illustrations, index, bibliography. EX LIBRIS, 11 Rue Victor Cousin, F-75005 Paris, France. Tel: (1) 325. 50-16. Catalogue No 8 Asia-Islam-Voyages, Voyages, Missions, Ambassades, Livres Rares, Linguistique,

sequence. pp. 44, 435 entries, subject index, index of imprints, bibliography. RUSSBOROUGH, P O Box 422, Station R, Toronto, Ontario, Canada M4G 4C3, Tel: (416) 425-2457. Catalogue Number Six 1981-82 Canada

The Exploration and Expansion of its Frontiers

Exotica. Catalogue of books and maps in author

including a Selection of Arctic Maps & Prints. Catalogue compiled and written by D.G. Leeson and L.M. Seidel, arranged in chronological order. pp. 40, 159 entries, 56 illustrations, index,

bibliography.

NORTH BY WEST, Box 11538, Edmonton Main PO, Canada T59 3K7, North by West Catalogue Number One Antique Maps and Prints. Catalogue of maps of Canada and the Arctic and a selection of other parts of the world. pp. [92], 127 entries, 60 illustrations, subject index, bibliography.

STEPHANIE HOPPEN LIMITED, The Studio, 17 Walton Street, London SW3. Tel: 01-589 3678. A Selection of Early Maps, Plans and Views Relating to Canada and the Arctic. Catalogue of maps, plans and prints. pp. [12], 40 entries, 15

illustrations.

— A Selection of Maps, Plans and Views Relating to Asia and the Far East, including Australia and the pacific. Catalogue arranged in chronological order. pp. 18, 95 entries, 30 illustrations including one in colour, index.

LEO S. OLSCHKI, Studio Bibliograficio, I-52046 Lucignano (Arezzo), Italy. Tel: 0575-846015. *Catalogue 168 Aliquid Omnibus III*. Catalogue of rare books on all subjects, arranged in author sequence. pp [68], 241 entries, 25 illustrations, subject index.

— Listino 2 Arte e Soggetti Affini. General listing on the arts and related subjects. pp. [20], 390

entries, subject index

RICHARD NICHOLSON OF CHESTER, Stoneydale, Christleton, Chester CH3 7AG. Tel: (0244) 36004. *Catalogue 136 1982*. Catalogue of maps and prints of all parts of the world. pp [28], 891 entries, 58 illustrations.

MICHAEL COLE OF YORK, 41 Fossgate, York YO1 2TF. Tel 0904 31752. A mish-mash of books, maps and photographica. pp [6], 439 entries, 1 illustration.

— 17th Century Road Maps from Ogilby's "Britannia." pp. [2], 100 entries, 1 illustration.

— A Mélange of Maps. pp. [4], 268 entries, 4 illustrations.

— A Gallimaufry of Maps. pp. [4], 173 entries, 1 illustration

— [Catalogue] October 1982. General catalogues of voyages, travels and other subjects. pp. [12], c340 entries

ROBERT DOUWMA PRINTS & MAPS, 93 Great Russell Street, London WCIB 3QL. Tel: 01-636 4895. *New in stock list 5 June 1982*. Catalogue of maps and prints compiled by T. Campbell. Folding brochure, 709 entries, 13 illustrations.

— New in stock list 6 August 1982. Catalogue of maps, plans and prints. Folding brochure, 582

entries, 16 illustrations.

HENRY STEVENS, SON & STILES, 4 Upper Church Lane, Farnham, Surrey GU3 7PW. Tel: (0252) 715416. Catalogue Americana 94. Catalogue, in author sequence, of books and maps relating to the Americas. pp 32, 295 entries. L.S. STRAIGHT, 101 Maple Street, Weehawken, NJ 07087, USA. Tel: (201) 863 9115. Catalogue No 345. General catalogue of maps and prints. pp 8, 88 entries, 1 illustrations. MURRAY HUDSON BOOKS & MAPS, Route 1, Box 362, Dyersburg, TN38024, USA. Tel: 901-285 0666. Texas in Maps 1721-1914. Catalogue of maps arranged in chronological order. pp. [18], 168 entries, 18 illustrations, bibliography.

RANDALL HOUSE, 185 Post Street, San Francisco, CA 94108, USA. Tel: (415) 781 2218. Rare Books XVI Britain and the British in Fact and Fiction. Catalogue, compiled by J. Hamilton, arranged in author sequence. pp. [60],

484 entries, 25 illustrations.

THE RENDELLS INC., 154 Wells Avenue, Newton, MA 02159, USA. Tel: (617) 965 4670. The History of Mankind 2. Catalogue of artifacts, books and maps. pp. 49, 104 entries, 45

illustrations

— The History of Mankind 3. Catalogue of artifacts, books and maps. pp. 49, 107 entries, 46 illustrations.

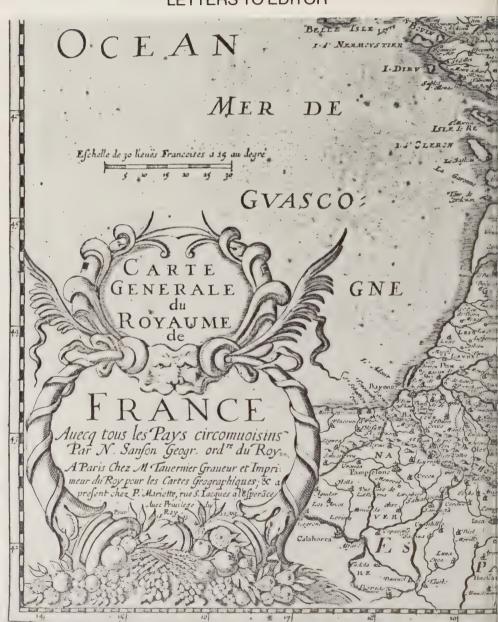
RICHARD B. ARKWAY INC., 131 Fifth Avenue, Suite 401, New York, NY 10003, USA. Tel: (212) 475 6777. Catalogue XXI Autumn 1982 Antique Maps. Catalogue, compiled by R. Arkway, in 10 sections of maps, chiefly of North American interest, including a series of Land Office maps. pp. 24, 123 entries, 72 illustrations. KENNETH NEBENZAHL INC., 333 North Michigan Avenue, Chicago, IL 60601, USA. Tel: (312) 641 2711. Catalogue Thirty-five 1982-83 Atlases Voyages Americana Natural History Science Early Printing Illustrated Books. Catalogue in author sequence, including Blaeu's Atlas Major, 1667 and a Lafreri Atlas (Rome, P.

de Nobili, 1592). pp. [96], 100 entries, 55 illustrations, bibliography.

SPENCER SCOTT SANDILANDS, 546 High Street, East Prahran, Victoria 3181, Australia. Tel: (03) 51 5709. Catalogue 10 Maps Important catalogue of maps with particular relevance to Australia. From the collection of Dr Warwick Lorne Greville and others. Catalogue written by D.F. Prescott, D.J. Heather and A.L. Sandilands. pp. 39, 170 entries, 156 illustrations, bibliography.

LUIGI REGINA, Via Constantinopoli 51, Napoli, Italy. Tel: 081-459983. Catalogo di Cartografia meridionale. Catalogue – handbook of maps of southern Italy in chronological sequence. pp 70, 199 entries, 42 illustrations, index, bibliography.

LETTERS TO EDITOR



Sir

I enclose a xerox of a portion of a map of France by Sanson which may be of interest to Mr Humble in connection with his article 'The Val d'Aran' p54,in Issue I9 of *The Map Collector*. The map is dated 1643 and shows the region of the Val d'Aran in France so it is an earlier representation of this area in France than the maps mentioned in the article.

The map appears in Sanson's *La France*, Paris, 1644 and 1651. The xerox comes from the map in the 1651 edition. There is evidence of plate erasure in the cartouche on the line with Mariette's name. According to Pedley, 'The Map Trade in Paris 1650-1825,' *Imago Mundi* 33, Tavernier sold out to Mariette in 1644, so this could account for the change. I don't see any evidence of plate erasure, however, in the area of

interest.

Warren Heckrotte 1663 Trestle Glen Road, Oakland California 94610 USA

Sir

May I comment on Mr Shirley's article in the September issue, 'An early map of Japan on a Porcelain Plate'. (p32).

In my opinion the large circular plate is a copy made in Japan since c.AD 1950. This type of large circular plate is a flawless performance whose late date is suggested only by its over-fine glaze and even-coloured underglaze blue. The one seen on the London market in the last year or two had these features and the whole group is suspect for the present.

The rectangular map plates (e.g. Fig. 4) conform to the cheaper types of porcelain made in Japan AD 1800-1850 and are, in my view, of the years 1830-1844. The glaze flaws, greyish body and irregular underglaze blue, often blackish, are found on the impeccably documented 1820's Japanese porcelains in the National Museum of Ethnology, Leiden.

We do not know what Arita area factory made the map plates but they were not made at the Hirado factory, Mikawachi. Those interested are referred to the writer's paper in the Oriental Ceramic Society Transactions, Vol. 44.

Of general interest to map lovers is that the excellence of much Japanese cartography c1600-1850 (e.g. Fig 3 in the article) arose from enthusiastic study of European, mostly Dutch, sources and scientific methods. This occurred despite Japan's voluntary severance of nearly all foreign relations. A key source is:-

C. Kreiger, The Infiltration of European Civilisation in Japan during the 18th Century, Leiden, 1940. A summary is in C.R. Boxer, Jan Companie in Japan 1600-1867. Oxford University Press, reprint of 1968.

David Hyatt King, 10 Manor Gardens, London N7 6JY

Mr Shirley comments: 'I think that Mr King's view on the dating of the plate is to be respected, and I shared some of his reservations. I should mention that the plate illustrated was left for some time with the Far Eastern ceramics department of a well-known national museum. Their written opinion (with proper institutional caution) concluded, 'Given the present imperfect state of our knowledge concerning such pieces it still seems not impossible that the dating of the piece is consonant with such a mark.'

'In the light of this opinion I did not wish to be too definitive as to the plate's actual age in relation to the period mark of 1830-44, as some readers may have observed! Experts seem to differ as to the factory source of the map plates.'

Sir

I was interested to see a very nice Peking plan on page 49 of Issue 18 of *The Map Collector* and would like to let collectors know that I have a very accurate Peking Plan similar to the one shown. It is probably the first survey of Peking city and was made in the fourteenth century. The size is about 17 × 14 inches and it was engraved in 1862 by Delamare R., Rue S. Andre des Arts 45, Paris, and printed by Impr. Janson, Rue Antoine Dubois 6, Paris (Note that in *Tooley's Dictionary of Mapmakers* I found an engraver named Delamare F. Rue de la Harpe 26, Paris. Is this the same person but at a different address? I also found Janson the Printer mentioned but without

the above address or any mention of the Peking plan).

My plan is folded at the end of Paul Varin's *Expedition du Chine;* Levy, Paris, 1862, pp. 308, which gives a report of attacks by the French and English armies on Peking via Tang-Kho/Pe Tang and Tien-Sin way. The book contains three other folded engraved plates (same engraver and printer). They are a plan of the landing area on the coast with positions of the two armies; a plan of the itinerary of allied armies from the coast to Peking and a very accurate (and beautiful) detail of Tien-Sin and Peking fortifications. Hoping this is of interest to your readers.

Dr Edoardo Rozza Libreria Filosofica Kairos Via Baldinucci, 6 20158 Milano Italy

Sir

I have just come across a quotation in one of my fox-hunting books that I thought you might like. It is from *A Chivey through Cheshire* by R.S. Surtees (author of Jorricks), 1835.

'I had one of Sidney Hall's little pocket maps with me, things that no man going into a strange country (i.e. hunting country) should be without; and having tried all the paces of my nag, I laid the reins upon her neck, and producing the map again began studying it as she walked along the grass by the roadside.'

Roger Mason, Old Maps and Atlases, 86a Banbury Road, Oxford

Sir

I was very interested in your discussion of *Epicthonius Cosmopolites* in the recent issues of *The Map Collector* (see Issues 15, 17, and 18. Ed.) and believe I can give you some more information.

Firstly, I wanted to comment on the Geks-Kop Island (which is in my collection) found at the Bodleian Library. A thorough description of the prints appears in *Het Groote Tafereel der Dwassheid* dealing with the John-Law-Bubble of 1720, has been published by Frederik Müller in his standard catalogue *De nederlandsche geschiedenis in platen*, Part II, (1702-1795), Amsterdam 1876/77 (Reprint N. Israel 1970), No. 3535, p 103-132 and Part IV, Supplement p 288-289.

As to the foolscap map, I wonder whether you know of the woodcut example in the Bayerische Staatsbibliothek at Munich. A much reduced photograph has been published by Traudl Seifert in her introduction to *Dokumente zur Geschichte der Kartographie*, Verlag Walter Uhl, Unterschneidheim 1973, S. 21.

Comparing both the woodcut and the copper print I came to the conclusion that the woodcut, signed 'A. Paris, Par Jean de Gourmont, demeurant rue Sainct Jean...' being the earlier edition, the French text of it could be the original one. The text in the medallions on the right shoulder is not identical. Under the heading 'Cognois toy toy-mesme' (In Latin: Nos ce te ipsum) there is another line (in letter print?) reading, 'L'homme ne peut mieux parvenir Que sa cognoissance aquerir'. The other quotations correspond to those of the later edition in latin, the authors being named 'Pline' = 'Plin', Salom'n' = 'Salomon'.

Here are the consecutive texts of the four medallions:-



O combien est vain le sousi des hommes et toutes chose

L'homme fol est la vanite universelle Tout desir est plaisir a qui placit Et l'honeur du seigneut n'est point laict Daigal (Name of the author?)

The reference on the left hand cartouche reads as follows:-

French edition -

'Democrite l'Abeericen se mocquoit Heraclite l'Ephesien se pluroit Epichtheon cosmopolite defformoit Latin edition –

Democritus Abderites deridebat Heraclitus Ephesius deflebat Epichthonius Cosmopolites deformabat

As to the different writing of Epichtheon-Epichthonius I believe this is not the point. The clue word is 'deformait – deformabat' which describes the role of an author who has the pseudonym 'Epichtheon'. It may point to the author of the map as well as to the author of this composition – the world map (or the world) covered by a foolscap.

I think we should see this map in the context of other world maps published in Paris at this time. There is a woodcut copy of Ortelius' oval world map, 1570, inserted in Belleforest's edition of Sebastian Munster's *Commographia* published in 1575. There is also the world map by Guilleaume Postel published by Jean de Gourmont in 1581. Guilleaume Postel was not only a cartographer but also a poly-historian and the author of a number of books in the fields of astronomy,

history, philosphy and linguistics. He wrote in

Latin and in French adding the word 'Cosmo-

polite' after his name on the title of his books. I wondered if it might be worth looking towards Postel as the initiator of the foolscap map? The double meaning of the author's signature could well be true for Postel. I would like to suggest a further study in the writings of Postel. The tradition of the maps' fool goes back to Sebastian Brant's 'Narrenschiff' of 1494 and the Strasbourg woodcut illustrations. The Salomon-phrase 'Stultorum infinitus est numerus' is the motto to each of the 110 sermons which Geiler of Kaisersberg conceived to the different types of the *Narrenschiff*.

That the oval world map in a later (latin) edition was replaced by a cordiform projection which used Ortelius' modern map of 1587 for the outlines of the continents may be explained as a concession in respect of Ortelius to avoid misunderstandings as to the ominous 'deformabat'.

So these are my suggestions for further investigation!

Dr Habil Fritz Hellwig D53 Bonn 2, Klosterbergstr. 117c. W. Germany

Sir

LOOKING BACK TWENTY YEARS

I was interested to read your comment under the

above heading on page 38 of the September issue of The Map Collector as I have in my possession an atlas which seems to correspond to your description.

My folio atlas bound in vellum in good condition conforms exactly with your description and comprises a total of forty-seven maps including Hondius, Mercator and Ortelius maps from 1578, 1584 and 1605 and from various editions of Ortelius' Theatrum, as well as the Peutingerian Tables. I bought it about four or five years ago in Florence and have had it since then.

The maps are in fine condition though there is considerable 'browning' on the Ortelius maps in the last section of the atlas. The work, I believe, was published by Elzevier in Leyden in 1618/19. Anything more you know of this work as well as an idea of its value today would certainly be of

I am a private collector of maps and am a regular subscriber to The Map Collector and thoroughly enjoy the magazine.

A.M. Mackrill, Via Cassia, 837 00189 Rome, Italy. I was pleased to read Alan Hodgkiss' generally complimentary review of my recently published book Antique Maps of the British Isles which appeared in the September issue (no. 20) of The Map Collector. However, I feel I must defend myself and answer one or two of his specific points for they clearly need some explanation.

1. I think that Mr Hodgkiss is being impractically optimistic in believing that 'all the information needed by the collector is available providing he can spare the time and expense required to seek it out.' This may be so if one has a university library or the reference library of a major city available but I must assure him that neither the average provincial library nor the inter-library loan service can cope with the demands of the enthusiastic map collector who has progressed beyond the obvious elementary texts. The alternative to obtaining the information through libraries is to buy the desired books; one only has to look at the price of such books advertised in The Map Collector to realise that it is a very expensive way of obtaining information on what is usually a very limited area of the subject.

2. Mr Hodgkiss failed to point out that one of the crucial limits set for the coverage of the work was that detailed analysis was denied maps not 'offered for sale during the past year at less than £100 each' at 1980 prices. For this reason the works of Saxton, Speed, Blaeu and Jansson were excluded from Chapter VIII, but were, nevertheless, extensively referred to elsewhere. I cannot see that a book designed for the 'collectorin-the-street' could be justified in a lengthy and complex study of maps which retail at prices which only the most affluent enthusiast could consider. If one can afford to purchase a 'Saxton' or a 'Speed' one can also afford a copy of

3. The colour plates chosen illustrated the work of mapmakers mentioned in the early chapters and were deliberately chosen to avoid those covered in Chapter VII so as not to introduce the possible confusion of hand colouring to the detailed descriptions designed to facilitate identification. All too often hand colouring creates erroneous impressions in the mind of the untutored collector which can cloud clear identification of a map.

4. The material on conventional signs and decoration was designed only as a brief aid to identification and dating and not as an exhaustive treatment of topics which can be discussed at great length. The purpose was to offer a short introduction and to indicate further sources of information. It seemed to me that a consideration of a map's frame naturally led to the inclusion of longitude, and, similarly, that of cartouche to imprint, but that these topics (which did not fit elsewhere) were so important and interesting that they deserved individual treatment as subsections of the chapter.

5. The system of abbreviations admittedly left much to be desired but it was the only means of including all the desired information - the alternative was either to produce a book at the price of a 'Chubb' or to leave out information and nullify the primary purpose of the work, i.e. accurate identification and dating. The collector seeking to identify a map would surely be happy to patiently work through the information and decode the abbreviations to release the solution to the problem rather than finding half-truths in more elegantly constructed prose. It is unfortunate that the examples of abbreviations quoted by Mr Hodgkiss were fractionally but vitally incorrect - hopefully collectors using the system to track down unknown maps will familiarise themselves with the meanings of the abbreviations more thoroughly

It was the economics of presenting so much information at a realistic price that necessitated so much corner-cutting and the drawbacks of reduced length were always recognised. The decision was consciously taken to sacrifice easy understanding and a certain balance in order to achieve the work's ultimate objective - to provide one book which would either answer most of the average collector's questions about his latest purchase or would guide him to other

sources of answers.

David A. Smith 32 Joydens Wood Road Bexley Kent

Due to lack of space we were unable to print Mr Hodgkiss' reply but this will appear in the March 1983 issue.

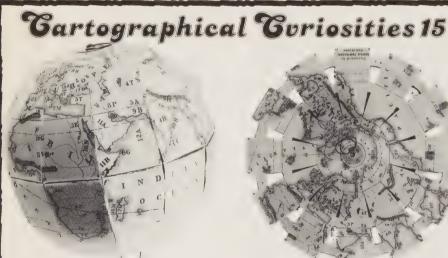
Publications Received

THE HERMON DUNLAP SMITH CENTER FOR THE HISTORY OF CARTOGRAPHY: THE FIRST DECADE by David Woodward. The text of this publication is an expanded version of that appearing in The Map Librarian in the Modern World. Essays in Honour of Walter W. Ristow. Includes a Preface by Lawrence W. Towner. 24 pp + 8 illustrations. Published by Chicago, The Newberry Library.

ZUR KARTOGRAPHIE DER SAARGE-GEND IM 17. UND 18. JAHRHUNDERT von Fritz Hellwig. Jahrbuch für westdeutsche Landesgeschichte. 242 pp + 22 illustrations.

ISSN 0170-2025

THE MERCHANT EXPLORER. A Commentary on Selected Recent Acquisitions. An occasional publication of the James Ford Bell Library. Includes a foreword by the curator, John Parker. 50 pp. No illustrations. Published by the University of Minnesota Library, Minneapolis. Occasional Paper Number 21.



ANOTHER INTERESTING CURIOSITY sent in by one of our readers, into a three-dimensional globe it is 51/4 Jeffrey J. Gordon, Assistant Professor of Geography at Bowling Green State University, Ohio, USA. It is a spring-lavender and has the special parallels of expandable globe made out of light cardboard which is both flattened and expanded by pulling on the brass rings fixed Capricorn) in addition to those of 30°, 60° 1869, by Dennis Townsend and was probably used in conjunction with printed geographical material - either a textbook or name of a country, water body, mountain educational game. It is 9 inches in diameter range or city. in the two-dimensional flat position and

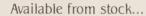
consists of twelve gores. When expanded inches in height. It appears to be hand coloured in pale shades of green, yellow and 66½°N and S (Arctic and Antarctic circles) 23½ N° and S (Tropics of Cancer and to the poles which operate an internal spring and 80° N and S and it also has an analemma mechanism. It was patented on February 16, (a sort of sundial). Places of importance are annotated by an alpha-numeric system, the letter referring to the initial letter in the



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Treasures of the National Map Collection, Public Archives of Canada: An exhibition of 100 original maps, atlases, globes and architectural plans, 1490-1982.

Ottawa, 17 August 1982 to 30 April 1983. (Exhibition Co-ordinator: Edward H. Dahl). A report by G. Malcolm Lewis of the University of Sheffield who visited the exhibition. CANADA IS CELEBRATING the 75th anniversary of the founding of its National Map Collection. To mark the occasion, the Public Archives of Canada (of which the Collection is a part) has mounted an exhibition of 100 items. Officially opened by Professor R.I. Ruggles of Queen's University, Kingston, it will achieve wider impact when an illustrated catalogue is printed in due course. Meanwhile, the exhibition is well worth a visit by lovers and users of old and not-so-old maps of Canada.

For these, English and French editions of a sixty page unillustrated catalogue are available free. However, neither the catalogue nor the attractive poster make clear either the nature of the occasion or the principles according to which the items were selected. Very obvious problems

faced the organizers: the Collection's responsibility for architectural and engineering plans as well as for maps, atlases and globes; the size of the Collection and the vastness of Canada; and the relatively cramped exhibition space in the otherwise spacious and splendid building jointly occupied by the Public Archives of Canada and the National Library of Canada. Given the nature of the facilities one assumes that the selection was intended to be representative of the range of the Collection's holdings of older items and that the presentation was intended for the general public. Certainly there was no intention of presenting only the Collection's most valuable items (two of the maps displayed are currently available in bookshops at under \$10.00). Nevertheless, a high proportion of the maps are unique manuscripts and many of the printed items are rare, beautiful and valuable

The exhibition is arranged in ten sections. Canada and the World features the emergence of

Collection's greatest treasures. Here one feels that the temptation to exhibit rare and beautiful atlases has not been sufficiently restrained. All were produced in Western Europe and one feels the need for examples of other perspectives: Russian, Chinese or perhaps even native Canadian. New France contains some of the most beautiful items in the exhibition; so beautiful that one tends to forget just how inaccurate they were or, conversely, to wonder how they managed to incorporate so much information for an area on which the French had little more than a toe-hold. With only three maps 'Canada' seems grossly underrepresented but this section contains one of the most interesting items in the exhibition: the printed 1833 state of Aaron Arrowsmith's large map of North America which was presented to Lord Durham in 1838 by the Governor of the Hudson's Bay Company. It contains numerous erasures and insertions plus a complete revision of the west from the Yukon to central California, achieved by cutting away a large portion of the original and pasting in a revised manuscript sheet. The four regional sections are represented by fewer than one-third of the items and there are some strange selections and sequencings. Four of the seven maps depicting the North were published before 1650, by which date the region was little more than a myth, whereas there is not a single example from the many original charts made by nineteenth-century Arctic explorers. In Atlantic Canada Murray's 'Geological Map of Newfoundland' (ca. 1873) is placed before an otherwise logical sequence of maps dating between 1625 and 1752 and Cartwright's beautifully delicate map of the Exploits River. Newfoundland (1768) is squeezed between two bold late-nineteenth-century maps. A wellselected set of items for Western Canada is unexpectedly interrupted by an atlas of globe gores by Coronelli (1698). With a mere six maps between them Quebec and Ontario seem to be underrepresented in relation to their longevity, cultural significance, regional diversity and economic importance. With only eleven items, Architecture and Engineering fares even worse. Conversely, Urban Centres is arguably too well covered, although the birds-eye views have a compulsive attraction even for those who do not know the cities they depict. Unlike the other items, the Globes are not described but merely listed in the catalogue.

Canada on world maps and includes some of the

Selection and presentation posed difficult problems for the organizers but those involved deserve congratulations for having presented a major and reasonably representative exhibition of Canadian maps. It is unfortunate that the exhibition is not going on tour to other Canadian cities and that it will be visited by only a small proportion of those who would wish to see it. For these reasons it is particularly important that the published catalogue combines the highest standards af carto-bibliography, scholarship and printing. Collectors and scholars who cannot visit Ottawa will anticipate its publication with interest.

.....



Invited guests at the opening of the exhibition, 'Treasures of the National Map Collection' are pictured examining the first three items – a 1490 and 1508 Ptolemy, the latter open at the Ruysch map, and a 1612 Ortelius atlas. The exhibition is currently on display at the Public Archives of Canada, Ottawa.

New Gallery for Old Japan

A new gallery in London has been opened in Grays Mews which will deal exclusively in Japanese maps, books, prints and nineteenth century photographs. For the past five years T. Bennett and his Japanese wife, Kishijo, have been dealing from their home at Coulsdon,

Surrey, but they felt the need for a London outlet. Their address is Old Japan, Stand J23/24, Grays Mews, South Molton Lane, London WCl, and the gallery will be open from Monday to Friday 10am-6pm.

Death of G.R.Crone

GERALD R. CRONE, formerly librarian and map curator at the Royal Geographical Society died in October. (A full obituary will appear in the March issue).

Map Curators' Conference

Report by Donald Moore, Keeper of Prints, Drawings and Maps at the National Library of Wales

CONSERVATION, STORAGE AND RECORDING were the three main themes treated by the European Map Curators' Group during its biennial conference at centres in England and Wales from 20 to 24 September 1982. The itinerary was devised to show representative map repositories in the United Kingdom.

It began with a whole-day visit to the Ordnance Survey in Southampton to study the production and storage of maps. The following day was spent at Cardiff visiting the National Museum of Wales, which has a large collection of geological maps, and the Glamorgan Record Office, which includes many maps among the archives which it keeps for the three new counties of Glamorgan. At Fonmon Castle in the Vale of Glamorgan the Group saw a private library including old maps and globes, as well as a special exhibition of the earliest local maps, arranged by the Glamorgan Archive Service. They then went to Duffryn House a few miles away for a reception by the Chairman of the South Glamorgan County Council.

The third day was spent at Aberystwyth, where members' papers were read at the College of Librarianship, Wales (which was responsible for the administration of the conference). There was a visit to the National Library of Wales, which holds a large collection of maps deposited under the Copyright Act. Here the party was received by the President of the Library at an exhibition of Estate Maps of Wales. The fourth

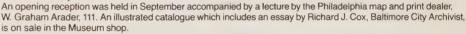
day included a visit to the Bodleian Library at Oxford, another Copyright deposit library.

The conference was held under the Chairmanship of Mr Donald Moore, Keeper of the Prints, Drawings and Maps at the National Library of Wales. The Secretary was Mlle. Monique Pelletier, Conservateur des Cartes et Plans, Bibliothèque Nationale, Paris. At the business meeting new officers were elected for 1983-4: Mlle Pelletier as Chairman and Mrs Sarah Tyacke of the Map Library, The British Library, as Secretary.



The Mapping of Maryland

This attractive map of Virginia by John White ('Americae pars, nunc Virginia) dafed 1590 is just one of the exhibits on display in an exhibition on the mapping of Maryland being held currently in the Maryland Historical Society. Included in the exhibit titled 'The Mapping of Maryland 1590-1914' are over 40 maps, atlases and manuscripts, drawn mainly from the Society's collection. There are six sections: Maryland, Chesapeake Bay, Baltimore, Internal Improvements, Maryland and Pennsylvania Boundary Dispute and Counties of Maryland.



(This map was loaned to the exhibition by Jean and Sidney Silber).



The Mary Rose and The Tudor Navy

Report by Valerie G. Scott
THE RAISING FROM the seabed of the Tudor
warship, the Mary Rose, inspired two members
of the Manuscript Department of the British
Library to stage a small exhibition of manuscript
documents and maps from the Library's

This attractive exhibition, which opened in mid-October in the Crawford Room of the British Library, was put together in only one week by Ann Payne and Janet Backhouse.

'Tudor maritime history has come vividly alive with the excavation of the wreck of the Mary Rose,' Ann Payne told me, 'and I felt we should get together a small exhibition of material from the manuscript department to mark the occasion. The fascinating and amazing thing was that as we went along we kept coming across more and more items mentioning the *Mary Rose*, and we began to realise we had a veritable treasure trove of documents directly relating to the ship.'

On display are about thirty manuscripts including a variety of contemporary documents which illustrate the emphasis Henry VIII placed on the importance of the navy, modernised during his reign by his active programme of ship building and improvements in naval ordnance and fortification. The history of the *Mary Rose* herself spans almost the whole of Henry's reign. She was commissioned in 1509 and a letter on display dated March 22, 1513, from Sir Edward Howard, Great Admiral to the King, reports her successful sea trials.

She is listed in various inventories of the time. A Boke of the Kynges Navie on the Sea gives her tonnage, captain and complement. An account by the King's gunmaker shows work carried out for the Mary Rose and a list of wages due to the crews of ships on active service notes the money

paid to those who served on her.

Of particular interest to map lovers are a selection of Tudor picture maps and bird's eye views of coasts and harbours. These were concerned with coastal defences and were prepared at the royal command during 1539-45 when there was considerable fear of foreign invasion following Henry VIII's break with Rome. Also of interest are the charts which

include *Queen Mary's Atlas* drawn by the Portuguese chartmaker Diogo Homen for presentation to Queen Mary Tudor in 1558 and the *Boke of Idrography* composed by Jean Rotz for presentation to Henry VIII.

Altogether a most fascinating exhibition well worth a visit by anyone interested in the developments in the story of a small ship called the *Mary Rose*.

A Tudor picture map showing Brighton under attack from French galleys. Part of a series of maps and plans concerned with coastal defences, drawn up between 1539 and 1545 when there was considerable fear of invasion. One of the picture maps on display at the British Library in the attractive exhibition about the *Mary Rose*, Henry VIII's flagship which was raised from the seabed in October of this year. (By courtesy of the British Library)



Northern Map Conference a Success



The three musketeers (posing as map collectors!) who organised the Second Northern Antique Map Conference held in Chester recently. From left to right: Chris Moore, Alan Hulme and Terry Ramsell. (Photo by Valerie Scott)



Some of the participants enjoying a break during the Northern Antique Map Conference. (Photo by Valerie Scott)



John Goss, Sotheby's map expert, is pictured giving his talk on 'The Blaeu and Jansson Map Houses' at the Northern Antique Map Conference. (Photo by Valerie Scott)

The Passing of an Era

Report by R. V. Tooley

IT IS SAD to record the final closure of the firm of Francis Edwards, famous for well over a century for its specialisation in books of travel, atlases and maps.

In the 1920s Maggs, Quaritch and Edwards were the main supporters of the antiquarian booksellers and of the three, Edwards became the main map supplier. There was hardly an important atlas that did not pass through their hands. They dealt with all the big libraries of the world and important collectors such as Drs. Wieder and Bos, Macpherson and Harmsworth. They supplied great quantities of maps to other dealers and in some cases provided the foundation of later successful businesses and for a time dominated the international map

At various times they have had all the early editions of Ptolemy, including one on vellum,

Breydenbach, and many editions of Braun and Hogenberg's *Civitates*, both plain and coloured. They have had all the editions of Speed including three in contemporary colour, first editions of Mercator, Ortelius, Wytfliet and Blaeu. There were no less than three different editions of Waghenaer in one catalogue, Dudley's *Arcano*, Coronelli's globes and the various issues of Blaeu's *Atlas Major* in nine, ten and twelve volumes.

They rediscovered the lost map of Saxton's large map of England and had Charles II's atlas of Moses Pitt in a binding by Samuel Mearne. The globe of Maximilian Transilvanus, Greek Papyrus fourth and fifth centuries, mediaevel TO map, portolan charts and manuscript maps of America, Madeira and Bermuda and special copies of Des Barres, Cabinet du Roi, Romain de Hooghe and Captain Cook's Newfoundland.

Report by Valerie G. Scott

DUE MAINLY TO the enthusiasm and organising ability of map dealer, Alan Hulme, the second Northern Antique Map Collectors Conference held at Chester on Saturday, October 23, was a resounding success. It was held in conjunction with the International Map Collectors Society.

Over forty people gathered in the Grosvenor Hotel's ballroom, some having travelled from as far away as Germany and Holland. After coffee, the participants were welcomed by Mr Hulme and Rodney Shirley, President of IMCos. Mr Shirley also applauded the initiative of the organisers, Alan Hulme, Chris Moore and Terry Ramsell, and announced that Ronald Vere Tooley, Associate Editor of *The Map Collector*, had been appointed an honorary member of his Society.

The first speaker was Dr D. De Vries, curator of the map collection at the University of Leiden Library in the Netherlands. He gave an illustrated talk about the sixteenth century cartographic holdings of the Leiden University Library and explained how he first became interested in early cartography.

'It was while I was a student at the Free University of Amsterdam studying history,' he told the audience, 'that I was struck by the fact that maps and plans were a very important vehicle for information and gave a great insight into history. After this realisation the map and I came together.'

Dr De Vries went on to explain that the Library's collection of maps and atlases was started in 1607 with two world maps and a view of Constantinople dated 1559 by Melchior Lorichs which is 111/2 metres long and one of the Library's most cherished possessions. He also announced an important discovery he had made recently in connection with a wall-map by Gerard Mercator. While studying a map of Helvetia which the Library had acquired he came to the conclusion that four atlas sheets from Mercator's atlas made up a large wall-map. [This discovery may have important implications for students of cartography and Dr De Vries is going to write about his claims for a future issue of The Map Collector. Ed]

After an excellent lunch when collectors, dealers and experts exchanged ideas and gossip, the auction of maps took place. This was run by Terry Ramsell, a map collector, and was perhaps – due in no way to his efforts – the least successful part of the day. Bidding for the items was very sluggish and Terry had to work very hard to raise any enthusiasm amongst the bidders. Several items had to be withdrawn for lack of interest.

The auction was followed by a talk given by John Goss, who now works in the Book Department of Sotheby's, the auctioneers. He spoke about 'The Blaeu and Jansson Map Houses' stressing the resourcefulness of the Amsterdam printing trade in the seventeenth century and giving the history of the Blaeu family mapping which eventually drove the cartographer Abraham Ortelius out of business.

An exhibition of maps by cartographers including Willem Blaeu and P. Van Den Keere, ran alongside. *The Map Collector* had a stand which was visited by nearly all the participants during the day. Proceedings were brought to a close by Chris Moore who thanked his co-organisers, the IMCos and Valerie Scott, the editor of *TMC* for her support. He announced that they hoped the third conference would be held in two years time.

Around and About

Two people who used to work for Graham Arader at King of Prussia, Pennsylvania, USA, have set up their own business in the Philadelphia area. They are Don Creswell, who worked with Arader's for five years and who has a lot of expertise in maps and prints, (He has also worked at the Library of Congress and as a rare book librarian) and Chris Lane, a graduate of Oriel College, Oxford, who worked with Arader for one year. Their business, which is based on catalogue and store front sales with an emphasis on a scholarly approach to the material, is called The Philadelphia Print Shop and is at 8405 Germantown Avenue, Chestnut Hill. Philadelphia. 'After spending the summer months building up our inventory, we have finally opened up the doors and our first catalogue will be out soon,' Don told TMC. (We wish them success in their new venture. Ed.).

A cartobibliography of maps of Africa is due to be published at the end of 1983. It is edited by Dr I. Norwich with the assistance of a cartobibliographer Pam Kolbe and will be concentrated on the mapping of South Africa where both live. The publishers are A. D. Doncker

The Regent Gallery in Cheltenham has closed and David Bannister, who ran it, will now be working from his home. The address is Old Maps and Prints, 26 Kings Road, Cheltenham, Glos. GL52 6BG and the telephone number 0242 514287.

Rare maps and plans of Toronto, some dating from the late eighteenth century, were on display from August until October at the Market Gallery of the City of Toronto Archives in Canada. Entitled 'Toronto to Scale: Maps from 1792-1975', this exhibition traced the development of Toronto during the past 200 years using maps and plans from City Departments. Several examples of the City's most important single map collection, the Fire Insurance Plans of Charles E. Goad, were on display. These are an important source in tracing the historical development of Toronto's neighbourhoods.

Jock Campbell of Sotheby's Book Department, recently received a presentation from some of London and the South's map dealers on the occasion of his marriage. Jock, one of the best known and most popular auction house porters, has been with Sotheby's for nearly 30 years and the occasion provided an opportunity for the trade to show their appreciation for the helpfulness and untiring enthusiasm for which he has always been noted.

On October 27, Intercol Gallery, London, continued its' series of seminars for an invited audience with an evening for map collectors. Rodney Shirley, President of the International Map Collectors' Society, spoke on the different themes in cartography, illustrating his talk with a wide range of maps from his own collection. The

informal feel of the evening – made more relaxing by a liberal flow of wine – encouraged questions from the floor on forgery, modern colouring and safe storage and preservation of maps.

A Book Fair with maps on sale is to be held in Reggio Emilia, Italy, on 19 and 20 February, 1983.

A unique historical glossary of cartographic terms, which has been prepared by the National Cartographic Association's Commission F on the history of cartography, will be published in 1983 by Map Collector Publications (1982). Entitled Cartographic Innovations, it will be edited by A.H. Robinson and Helen Wallis and will be illustrated.

Theft on Increase

IN RECENT YEARS the disturbing increase of theft and the incidence of stolen property being offered in the map market has become a major problem for anyone involved in the business.

All the major London map dealers have recently suffered losses to greater or lesser extent; either from very accomplished shoplifters (invariably with expensive tastes) or from well planned break-ins. Auction houses and accessible library collections have also suffered. Only last year the national and international press carried sensational reports of the theft (and subsequent retrieval) of approximately £200,000 worth of books from one of the London College Libraries.

Future issues of *The Map Collector* will carry articles on precautions to be taken against the antique map thief and one of the major deterrents is for details of recently stolen items to be carefully listed and available. This limits the opportunities for disposing of stolen property. It is with this in mind that we will, whenever necessary, report identifiable stolen items hoping that, should these reach the open market, appropriate action can be taken.

In order to be really useful, descriptions of missing property - which we would welcome from the trade, libraries and private collectorsshould be as detailed as possible. It will only be possible to list those items which are described in enough detail to be conclusively identified. Details should be sent to: The Security Officer, Antiquarian Booksellers Association, 154 Buckingham Palace Road, London SWI or Jonathan Potter, 1 Grafton Street, London W1. who will be working with TMC in compiling these reports. The ABA has a well established and most efficient network for reporting stolen goods and, hopefully, the map business will eventually be able to present a similarly well organised and reliable system.

Washington Map Society

THE FOURTH SEASON of the Washington Map Society began with a meeting at the Geography and Map Division, Library of Congress, in September. Dr John Wolter, Chief of the Division, presented the paper 'Early Nineteenth Century Charting of the Great Lakes and St Lawrence River.'

During the summer the new officers, Richard Stephenson, President; Robert Highbarger, Vice President and Robert Hansen, Secretary/ Treasurer, met and planned the activities for the 1982-83 season. The next meeting will be at the Cartographic and Architectural Branch of the National Archives when the Chief of the Branch, William H. Cunliffe, will talk about 'World War II Cartographic Resources in the National Archives.'

\$1000 Prize Offered for Information Le Prix de Lac Erié

THE EUROPEAN DISCOVERY of Lake Eric, especially its western extremities together with Lake St. Clair, is usually attributed to Adrien Jolliet (1669) or René Bréhant de Galinée and François Dollier de Casson (1669-70). Yet the writings of the Jesuits (1640-48) and the cartography of Nicolas Sanson (1650), suggest that these were not the first Europeans who passed along the shores of the Lake.

The prize of \$1000 (US) is payable to the first person who provides acceptable documentary proof of European discovery before 1650. 'Discovery' is defined as the gathering of geographical information by an individual or group in an area hitherto unknown to that group and the presentation of that information in such a manner that there is no doubt what that discovery was.

Le Prix de Lac Erié is offered under the auspices of Bowling Green State University. Submissions should be in the form of an essay supported by photocopies of documents or other evidence. If there is no acceptable winner by December 31, 1983, Le prix de Lac Erié will be

C. E. Heidenreich, York University, Downsview, Ontario, Canada; E. H. Dahl, National Map Collection, Public Archives of Canada, Ottawa, Ontario and R. J. Wright,

withdrawn. Submissions will be judged by:

Bowling Green State University, Bowling Green,

Submissions should be sent to:

C. E. Heidenreich Department of Geography York University 4700 Keele Street Downsview, Ontario M3J 1P3 Canada



Lake Erie portion of Sanson's 'Amerique Septentrionale' (1650) shows European knowledge of Lake Erie. 'Le Prix de Lac Erié' has been established to encourage the finding of evidence of European exploration prior to this date.



Was Professor Quinn's Lecture Jinxed?

Report by Tony Campbell

ABOUT A HUNDRED people gathered at the Royal United Services Institute in Whitehall on Wednesday 13th October to hear Professor D. B. Quinn deliver the annual Eva G. R. Taylor lecture. The sponsoring body, the Society for Nautical Research, provided a glass of wine beforehand. Professor Quinn's talk, 'Artists and Illustrators in the Mapping of North America, took his listeners on a guided tour of sixteenth century cartography, showing how Europeans obtained their first pictures of the New World. The talk was fully illustrated with slides Surviving maps and charts - from La Cosa's of 1500, through Rotz and the Dieppe School to John White - have tended to be the magnificent, princely commissions. Workaday examples were nearly always thrown away when obsolete. As the speaker emphasised, the decorative and artistic elements of extant charts preserve a wealth of observed detail about the Indian

The Eleventh International Cartographic Association Conference held at Warsaw, Poland, July 29-August 4, 1982

Report by Dr. Helen Wallis

DESPITE INITIAL DOUBTS as to whether the Eleventh International Cartographic Association's Conference would be held in Warsaw, in the event a really successful meeting took place. A total of 437 people attended from thirty-seven member countries and one nonmember. The topic chosen for the meeting concerned the theoretical and practical problems of thematic cartography, and this was reflected in the session 'History of Thematic Cartography', held under the chairmanship of Helen Wallis (UK) and A. Papp-Vary (Hungary). The following papers were presented: J. Babicz (Poland), 'Thematic cartography and the development of individual earth sciences': W. Scharfe (Berlin), 'Administrativ-statistischer

peoples, as well as the landscape and exotic wildlife of North America. Without them we would not know nearly so much as we do about the process of the discovery of the Americas in the sixteenth century. The Bibliothèque Nationale's "Miller Atlas" (of 1519 or a little later) was pinpointed as offering the first authentic North American scenes.

Over a period of some thirty years Professor Quinn had known personally the redoubtable Eva G. R. Taylor, who used to convey her appreciation, or lack of it, in a series of grunts and groans. The poltergeist that successively jammed the slide machine, jinxed the microphone and finally blew up the light in Professor Quinn's face was not (presumably) expressing Professor Taylor's views nor (certainly) those of the appreciative audience.

Atlas vom Preussischen Staate' – le premier atlas thématique étendu de la Monarchie Prussienne; S. Gurba, J. Moscibroda (Poland), 'The geographical and statistical atlas of Poland by Eugeniusz Romer – an outstanding work in Polish cartography'; A. Papp-Vary (Hungary), 'Last-century handbook of cartography'; R. Habel (German Democratic Republic), 'The Heinrich Berghaus atlas' and Jin Yingchun (Chinese Republic), 'China's achievements in surveying and mapping techniques during the Han Dynasty as reflected by the silk maps unearthed from the Han tomb at Mawangdui, Changsha.'

The proceedings ended with a lively debate on the origins of thematic cartography.

Several illustrated papers were also presented at the open meeting of Commission F, the History of Cartography, under the chairmanship of Helen Wallis. These included 'Cartographic Innovations' by the Chairman and 'Early town views and their cartographic significance', by Krystyna Szykusta (Poland).

An evening reception was held at the National Library, Warsaw, where a fine exhibition had been specially prepared for the conference. It was all the more remarkable for the fact that thirty-seven years ago, in 1945, nearly all the maps in the rich collections of the library had disappeared; only 539 remained. The cartographic Department of the National Library had therefore to rebuild its collections, and now holds over 50,000 items, of which 70% are of Poland. It can probably claim to be the largest collection of maps of Poland in the world. A fine illustrated catalogue was available in Polish. English and French by Boguslaw Krassowski, entitled Wśród Starych Map i Atlasów Biblioteki Nardodowej w Warszawie, Among the Old Maps and Atlases of the National Library in Warsaw, Parmi les vielles Cartes et les vieux Atlas de la Bibliothèque Nationale à Varsovie, Warsaw, Biblioteka Narodowa, 1982

Those who went on the post-congress tour to Krakow saw a second excellent exhibition prepared by Edward Schnayder at the Jagellonian Library, 'Old Cartographic Rarities and Curiosities from the collections of the Cracovian Libraries and Museums'. A catalogue in English describes the exhibition.

The official conference exhibitions, international and national, were both of the highest quality and interest. The Polish national exhibition illustrated the remarkable range of Polish map making, and included a useful table of facsimiles of early maps and books on the history of Polish cartography. Catalogues of both exhibitions were distributed to members and are available at the British Library and elsewhere in London

An expedition to the Jasna Gora monastery at Czestochowa proved one of the most popular of all the day excursions. Of special interest was the visit to the monastery library within its beautiful book cases, book bindings and paintings.

All present in Warsaw would, I think, agree that their Polish hosts did not spare themselves in showing off the glories and treasures of Poland's past. This was one of the most rewarding parts of a most hospitable and warm-hearted conference, which triumphed the initial difficulties imposed by the political situation.

New Laminating System for Collectors

ADEMCO have refined their Semi-Matic laminating system, which is used extensively in England and abroad for the preservation of maps, old books, manuscripts and documents, to help conservationists meet increasingly exacting performance standards.

The new laminator incorporates an accurate timer and a new thermostat control system which ensures an even better finish than their previous

models. It has two 60-75 cm heated platens which can handle subjects up to this size in one controlled pressing lasting only ten seconds.

Two new distributors have been appointed by Ademco in the UK – Cedric Chivers Ltd in Bath and Tom Valentine in Falkirk, Scotland. Full technical data is available from Ademco's headquarters in Coronation Road, High Wycombe, Bucks.

From Maps to Nappies



Gillian Hill, who was Research Assistant in the Map Room of the British Library for six years, is pictured with her new baby Richard William Wyndham. He was born on September 10th, Gillian and her husband Gregory's fifth wedding anniversary, and weighed in at 7lbs 2ozs. Gillian has left her job at the Library to stay at home in Chorleywood to look after Richard, but hopes to fit in some freelance work from time to time. (Photo by Valerie Scott).

a brilliant renaissance masterpiece



Peter Apianus, Vienna, 1520. 29 x 41½ cm.

The cartographic christening of the term America occured at the hands of Martin Waldseemuller in 1507. Much taken by the accounts of Amerigo Vespucci, the cosmographer ill dubbed the New World with the Florentine opportunist's name, commenting that. "Now truly these parts Europe. Africa Asul Jane Been more touther explored, and amother, fourth, part has been absorved by Americas Vespuans his will appear in volut follows), and I do not every empore. Jourdal rightle forbul manning it Americas—and of Americas, and the one tender that is severe. Americas, a mon of neutre goins—or Americas, since bold Europe and Asul have received their names from zenoum. "(from his Cosmographica thoulatalis).

Although Waldseemuller wrote of the sale of 1,000 copies of his map the very existence of it was just tradition until the only known surviving example was discovered at the turn of this century. It apparently was never well proliferated, and had it been the only vehicle for Vespucci's brilliant stab at immortality, his name would have had only the Introduction to survive Waldseemuller himself recognized his error and deleted the name from his

1516 Curbi Marma
But an earthslide was set in motion: two early plagerisms of the 1507
map appeared, that of Stobnizca in 1512, copying the insets from the 1507
map, and that of Peter Apian in 1520, copying the cordiform itself. The later included the name Aueroa. The former did not, and, like the Waldseemuller, survives in only one known example
There is one principle geographic difference between the 1507 and 1520
maps, and it is important. Waldseemuller, seemingly thoroughly exhausted

from charting thousands of miles of poorly understood coastline on sheer conjecture, truncated his condiform prematurely. By doing so he spared himself his confronting a most serious problem. at what point did South America reach its southerly extreme? Or, did it in fact form a northern extension of the purported Antipodes, ancestor of infamous Term Anishals? Apianus, ironically at the precise moment Magellan was in sail in search of a way around the continent, lowered his truncation and narrowed South America to a finite cape.

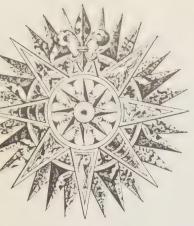
The point at which he terminated the continent, though hypothetical, was not arbitrary. Prevailing religious and philosophical thought dictated a logical universe and a balanced earth, and consequently South America and Africa, if thought of as balancing counterparts, would be expected to extend approximately the same distance south. Apianus chanced this configuration to his map, extending South America to about 35 degrees south latitude Though with lack of further data this supposition was an intelligent one, it was flawed: South America to about 35 degrees south latitude Though with lack of further data this supposition was an intelligent one, it was flawed: South America at Cardin Potential. The Pacific coast of China, its accompanying islands, and an aboriginal pre-contact Japan (Zipangri), all appear according to the accounts of Macro-Poto. The Asian interior and its Indian Ocean coast are clearly Potemaic, though the islands to the south and the African coast have been radically influenced by recent Portuguese explorations.

This cordiform map is one of the rarities illustrated and described in our Catalogue II, available at US \$3. Although this rather idiosyncratic catalogue features the earlier and more esoteric corner of our collection, we have a fine selection of maps of all parts of the earth spanning the development of the modern world through the early nineteenth century. See our listing in the Collectors' Marketplace of this magazine, as well as our separate half page ad offering superb early woodcut illustrations. We would like to hear from you regarding your specific interests, and hope you will call to make an appointment to stop by when in New York

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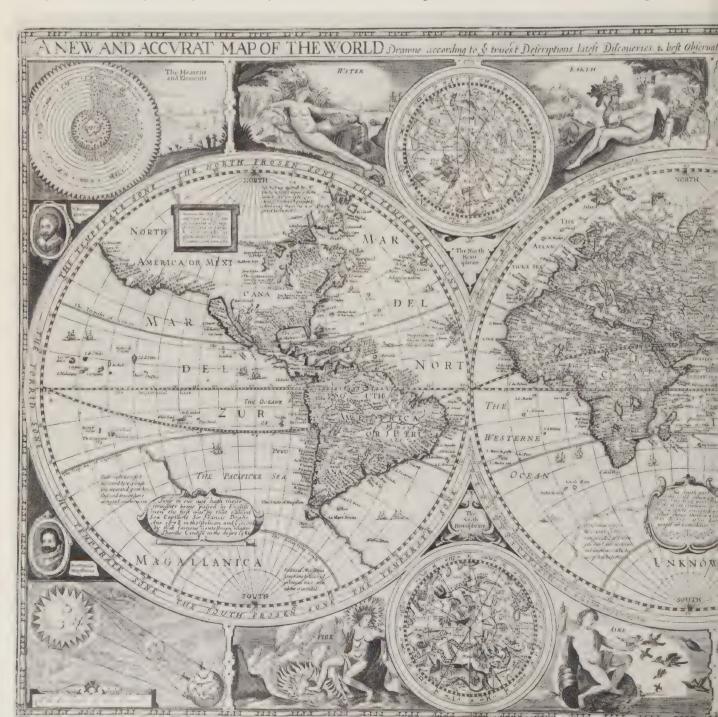
By Rodney Shirley

LOOKING THROUGH THE last few issues of *The Map Collector*, nearly every one of the maps illustrated – as one would expect – is a *geographic* representation; that is, its prime purpose is to show how named places are properly related to each other by location, distance and direction. Early thematic maps (without defining the term thematic) are less frequently found, and because of their scarcity and special interest they form an ideal field for the collector.

Together with road or route maps, religious concepts were among the first to be expressed by means of maps. Later, in the

seventeenth century, maps including an explanation of natural phenomena made their appearance concurrent with the rise of serious scientific observation and deduction. Diagrams of alternative solar systems form part of world maps from the late 1640s onwards (e.g. Joan Blaeu's world map of 1648), while pictures of eclipses—which had been observed and measured since Babylonian times—can be seen on Thomas Grent's world map of 1625, and repeated on John Speed's world map of the following year.

Such generalised illustrations of astronomical sights were not



An early example of a wholly scientific map is Edmond Halley's 'A Description of the Passage of the Shadow of the Moon, over England. In the Total Eclipse of the Sun, on the 22d Day of April 1715 in the Morning' (By courtesy of the Bodleian Library)

(Left)
Astronomical illustrations surround
John Speed's 'A New and Accurat
Map of the World.' The solar and lunar
eclipses are shown. The map is dated
1626 and was published in 1627.
It prefaced A Prospect of the Most
Famous Parts of the World (By
courtesy of Robert Douwma Prints
and Maps Ltd.)



A Detemption of the Patsage of the Shadow of the Moon, over England, In the Total Ections of the SUN, on the 22 Day of April 1715 in the Morning.



The like Eclipse having my formany closes been seen in the louthern Parts of Great Brusan I thought it not improper to now the Publick an Accumulation of this works in darking wherein the Largele, who would it amodication, may some to be upon it as Omnow, and it Indeppret it as pertending well to our Sovercian Lord King George and his Governmen which God preserve. Moreby they mill see that there is no which God preserve. Moreby they mill see that there is no which God preserve. Moreby they mill see that there is no which in it more than Natural, and no more than the needs an wall of the Metions of the Inn and Moon; And how well the are understood mill appear by the Polysie.

According to what has been somerly Observed, compared withour best Saldes, we conclude if Center of if Meen's shade will be very near if Lizard point, when it is about a minispast three at London; and that brondone in Cloven minutes of Some it will be wrone in the Kingdom, plang by Plymouth Britiol, Gloceller Duventus, Peterbrough & Beston, near with will be the Some Cloveller Duventus, Peterbrough & Beston, was with will

will leterally Enhands but for left of left Time, as you are nearer theo limits in ^Mare represented in Weleme, paking on yone side near Chelver Leeds, and Xorks, and only other by Chichelver,— Grav Send, and Harnach.

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with a telecity of marty zo Geographical Miles in a mine of Lime 18.4 hi (survius are desired to Observe it, and especially the du nition of total Darkins, mythall the eare they can effort therby the stuation and dimensions of the Shadon will be nieth the remind; and bu mean there of the may be enabled to Predict the like Appearance for future, to a greater degree of containing than our be proteined to the property of the property of the property of the containing than our be proteined to it property of the containing than our beginning to the proteined of the containing than our beginning to the proteined of the containing than our beginning to the containing than our proteined to the containing the containing than the containing the containing the containing the containing the containing that the containing the containing the containing that the containing the c

Bu their hue Edmund Halley

uncommon, but Edmond (or Edmund) Halley's 'Trade Winds' map of 1686 is probably the first map whose purpose was wholly scientific. His eclipse map of 1715 is another early example of this genre. In it Halley describes the passage of the shadow of the moon across England on the 22nd April, 1715, as a result of a total eclipse of the sun. The map was engraved and sold by John Senex, who in the same month placed an enticing advertisement in the London Gazette:



The eclipse of the sun from The Black Day or, a Prospect of Doomsday exemplified in the great and Terrible Eclipse which will happen on Friday the 22nd of April, 1715. The like whereof has not been visible in this kingdom for above Five Hundred Years. The anonymous publisher encouraged superstitious fears and probably made a quick profit (By courtesy of the British Library)



A strange, personal map comes from George Edward's A Natural History of Uncommon Birds and of Some other Rare & Undescribed Animals etc. 1743-51. He included some interesting specimens and the tracks of his own travels to illustrate the biographical notes in his book (By courtesy of the British Library)



'This day is Published a new Edition of Mr. Professor Halley's Description of the total Eclipse of the Sun on Friday the 22d Day of this Instant April in the Morning, when by reason of the sudden Darkness the Stars will be visible about the Sun, the like Eclipse having not been seen in the Southern Parts of Great Britain for above 500 years. N.B. The Map Shews every part of England over which the total Darkness will pass, and may be sent by the Post for the same Charge as a single letter....'

As promised, the map shows clearly the broad path of the eclipse over southern England and the times it was expected to occur. Halley describes the event in the text beneath the map and takes pains to assure the readers that the sudden darkness is not to be regarded as ominous or portending evil to the sovereign King George I or his government. Reassurances to the populace were far from unnecessary in an age when superstition rather than reason still held sway over the lives of the majority. An anonymous publisher doubtless made a quick profit with his booklet 'The Black Day, or a Prospect of Doomsday Exemplified in the great and terrible Eclipse which will happen on Friday 22 April 1715'. The blackening of the sky presaged the death of kings and potentates (so it was feared); it also occasioned 'dryness and barrenness of the earth, abundance of ruin and much hurt thereby.'

Needless to say, no such calamities came about. Nine years later Halley and Senex published two more eclipse maps showing the sun's eclipse across England and Europe in May 1724. The second of these maps also repeated the passage of the 1715 penumbra, with a 'thank you' from Halley for observations sent in by the public at the time. The corrections needed to his predicted path, he proudly noted, were very small indeed.

A different sort of scientific map is the 'beetle map'. On the original, the name 'G. Edwards' and the date '1746', can just be seen to the left of the bottom branch of the tree in the lower right-hand panel. It was some time before I could track down the author and puzzle out what this strange array of exhibits was meant to depict! The map comes from a book A Natural History of

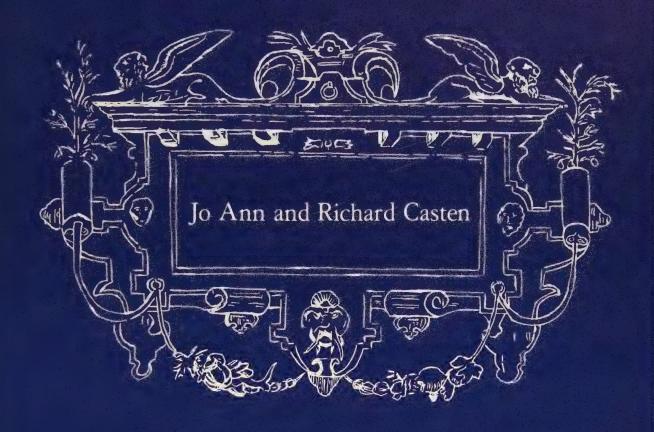
Uncommon Birds (1743-51) by the amateur scientific ornithologist and library keeper of the Royal College of Physicians, George Edwards. This work contains over 200 exquisite plates of birds from nature, all etched by Edwards himself from his original drawings, and often delicately coloured by hand. A successor publication Gleanings of Natural History was published between 1758 and 1764.

As Edwards says, 'The uncommon mixture of a geographical sheet and the figures of natural things may not at first be comprehended by every Reader which obliges me to give a little explanation. There are first, he says, the tracks of his journeys to and from England and the Continent between 1716 and 1730. Then, without further explanation, he reveals that the very large beak at the top is that of the Egyptian Ibis while the two impressive stag beetles are from Borneo in the East Indies; they are natural size, male (above) and female (below). Their colour is dark brown to black with a gold-shiny gloss and red eyes. The small bird perched in a tree (lower right) was brought from Jamaica: it is the Least Humming Bird, natural size only 1½ inches from beak to tail and its weight a mere twenty grains. The egg, also shown life size, is a minute 1/4 inch across. The humming bird's feeding habit is to extend a very fine tube or pipe beyond the point of its bill and by this means suck the juice out of flowers.

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- 1 Norman Thrower, 'Edmond Halley and Thematic Geo-Cartography', *The Compleat Plattmaker*, Berkeley, Los Angeles and London, 1978, pp. 225-227.
- 2 Royal Astronomical Society Library (examples of eclipse maps by Halley).
- 3 Hans Harms, Themen Alter Karten, Oldenburg, 1979, no. 81.
- 4 British Library (Edwards' works are under the references 435.g.3,4 & 5 (etched plates) and C.45.K.8 & 9 (with the author's original drawings)).

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Compiled by John Goss and Tessa Campbell

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 total lot numbers 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.

Exchange rates used in this report:

Dutch G. f4.723 (June) = £1 f4.65 (Sept) = £1 US \$1.725 (June) = £1 Lira L2361.55 (June) = £1 Swiss Fr. Fr3.63 (June) = £1 DM 4.1672 (May) = £1

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BORY DE SAINT-VINCENT (J. B. G. M.) EXPÉDITION SCIENTIFIQUE DE MOREE, Allas only, portrait of the author, 141 plates, maps and plans (of 142, lacks plate III, first series), some coloured, a few folding, prospectus to the work loosely inserted, modern cloth, soiled and spotted

folio Paris & Strassburg, 1835

2 LOTICHIUS (JOANNES PETRUS) RERUM GERMANICARUM, sub Matthia, Ferdinandis II & III Impp. gestarum, engraved and printed titles, portrait of the author, plates containing 96 portraits, 54 plates, maps and plans, all but one double-page or folding, plates at pp. 44, 184, 208, and 1122 with tears, slight marginal staining, text browned, without the second part published in 1650, contemporary vellum boards, panelled in gilt, oval centre ornament incorporating birds and flowers, gilt and gauffered edges, with ties, signature and bookplate (dated 1654) of Antonius Biderman; sold as an atlas not subject to return

folio Frankfurt a.M., W. Hoffmann for M. Merian, 1646

3 ORTELIUS (ABRAHAM) THEATRUM ORBIS TERRARUM, Latin text edition, 2 parts in 1 vol., engraved title, portrait of Ortelius, Koeman's issue with 170 names in Catalogue Auctorum, 109 (of 115) double-page engraved map sheets, Parergon, woodcut title, 32 engraved double-page map sheets, together 141, all fully coloured in a fine contemporary hand, a few short splits without loss of engraved surface, main title soiled, small library stamp and later ownership inscription on title [cf. Koeman

folio (442mm, by 300mm.) [Antwerp, 1595] £8800

RAMUSIO (GIOVANNI B.) DELLE NAVIGATIONI ET VIAGGI, 3 vol., vol. I-II third edition, vol. III second edition, devices on titles and at end, 7 double-page woodcut maps (of 10, lacking the 3 maps at the beginning of vol. 1), 9 maps and plans in text (3 full-page), some illustrations, some leaves in vol. II marginally waterstained, contemporary limp vellum, lacking ties, inscription 'Frobenius Comes in Hellffenstein' on title-margins [Sabin 67732-38-41; see Church 99]

folio Venice, Giunta, 1563-83-65

5 ROSSI (G. G. AND D. DE) MERCURIO GEOGRAFICO overo guida geografica in tutte le parti del mondo, 2 parts in 1 vol. 2 fine engraved pictorial titles, 110 engraved maps (world map folding, 23 double-page maps, 86 full-page: part 1, 97 maps, part 2, 13 maps), variously dated between 1668 and 1693, some undated, all, except map of the celestial hemispheres, hand-coloured in outline, armorial and other title- and dedication-cartouches, slight waterstaining of lower margins of latter part of vol., a few stains, serial numbering of maps lightly pencilled in top fore-corners, contemporary sheep, worn, some worming of spine [cf. Phillips, Geographical Atlases in the Library of Congress, 515] large folio (605mm. by 475mm.) Rome, G. G. de Rossi, n.d.;

Rome, D. de Rossi, 1692

** There is considerable variation in the contents of this work. which reproduces the maps of Cantelli da Vignola, Sanson and others. The present copy contains 110 maps, compared with the total of 112 (52 in vol. 1, 60 in vol. 2) in the Library of Congress copy, but has 13 of the 18 maps cited by Phillips as wanting in the latter, which also does not contain the folding world map.

6 WERDENHAGEN (J. A. VON) DE REBUS PUBLICIS HANSEATICIS TRACTATUS, engraved title, 24 portraits, including one of the author, 39 double-page maps, including 14 maritime maps, 95 (of 104?) double-page or folding plates and plans of European towns, some with more than one view, plates of Zürich and St. Gallen separated at centre-fold, several others with short tears at or near fold, some plates slightly stained or discoloured, text browned, contemporary blindstamped pigskin over wooden boards, rubbed and soiled, with clasps; sold as an atlas, not subject to return

folio Frankfurt, Matthaeus Merian, [1641]

CHRISTIES (S.A.), ROME, 8th JUNE 1982 (PREMIUM 14%)

VAGONDY (Robert De): Atlas Universel per M. Robert ordinaire de Roy et . . ., folio g., leg. m.p. (guasta), 1 front, fig. (rovinato con mancanza ad un ang.) quaranta pp. di testo (con strappi e mancanze) e cento tav. (su centotre, mancano l'Italia antiqua, i globi e l'Europa) di carte geografiche a doppia pag. con confini coloriti e cinque carte postali alla fine, Paris. 1757, un altro altante del sec. XIX

8 SEUTTER (Matthaeus): Raccolta di 54 carte colorate provenienti dall'atlante edito a Vienna nel 1730, carte raccolte in volume formato toglio massimo leg. p.p. della seconda metà del '700 (sciupata con spellature) tra le carte sono presenti le seguenti località: Svizzera, Terra Santa, Ducato di Milano, Florida ecc. Nello stesso vol. sono state legate altre sette carte colorate (tra cui il set completo dei continenti con i globi) provenienti da un atlante francese della stessa epoca

L 6.500.000

TOTAL MAPS & ATLASES 6

CHRISTIE, MANSON & WOODS INTERNATIONAL INC., NEW YORK, 11th JUNE 1982 (PREMIUM 10%)

9 BLAEU, WILLEM and JAN. Tooneel des Aerdrycx, oft Nievwe Atlas [vol. III (Italy) only], Amsterdam J. Blaeu 1642. folio, sheets measure 511 by 594mm., original publishers' vellum, gilt-panelled sides with central diamond-shaped ornament and cornerpieces, covers worn and soiled, ties defective, upper joint splitting, discreet library blind-stamp on title and upper right-hand corner of each map, engraved title with printed overslip and 66 engraved maps with title cartouches, inset arms, sailing ships &c including 62 double-page, 1 full-page and 3 half-page, with Dutch text on versos (58 of Italy, 4 of Greece and the 4 supplementary maps of Great Britain and Ireland), on guards throughout Koeman I, B1 38B (Explorers)

10 MERCATOR, GERARD. Atlas sive Cosmographicae Meditationes de Fabrica Mundi et Fabricati Figura, Dusseldorf: Albertus Busius 1595, folio, sheets measure 409 by 526mm., old vellum with ties, ink lettering on spine, small wormhole on edge of lower cover, a few early leaves with very slight stains to foremargins, FIRST EDITION, 6 parts in one vol., 6 engraved titles and 107 engraved maps with title cartouches, etc., all, except the map of Boulogne, double-page, on guards throughout, woodcut initials, typographical ornaments. Koeman II Me 13A; Phillips, Atlases 3400, 5918, 5919 (all incomplete). Early ownership inscription of "Joannis Ducker" on first dedication and signature of Heinrich Stinner, 1928 on fly-leaf, EXTREMELY RARE COMPLETE. The collation agrees with Koeman with two exceptions, the verso of the first dedication has the poem but no portrait of Mercator and 5 of the maps in the Pars Altera have text on versos. The 6 parts are composed as follows: Pars Altera, 34 maps of the World, Asia, Africa, America, Great Britain, &c: Gallia, 16 maps: Belgium, 9 maps; Germania, 26 maps; Italia, 22

The first atlas to use the name Atlas in the title

11 [HUTTICH, JOHANN]. GRYNAEUS, SIMON. Novvs Orbis Regionvm ac Insularvm veteribvs incognitarvm vun cum Tabvla Cosmographica, Basel: Johannes Hervagius 1555, folio contemporary limp yellum, repaired at edges and recased, new endleaves, a small puncture in blank portion of last elaf, folding cloth case, FIFTH [MOST COMPLETE] EDITION, woodcut printer's mark on title and last leaf, numerous woodcut capitals, LARGE FOLDING WOODCUT WORLD MAP (432 by LARGE FOLDING WOODCUT WORLD MAP (432 by 615mm.) BY SEBASTIAN MÜNSTER AFTER HANS HOLBEIN: "Typus Cosmographicus Universalis," comprising two sheets pasted together, THE EDGES UNCUT, IN VERY FINE CONDITION, with borders depicting Elephants, winged serpents and cannibals, the New World depicted as a single clongated island labelled "Terra de Cuba," The map, first used in the first edition of 1532 "from an artistic point of view is one of the most interesting of the many world maps turned out in the

sixteenth century" (The World Encompassed). The text contains the voyages of Cadomosto, the three Columbus voyages, and others by Vespucci and Cabral plus a portion of Peter Martyr's Fourth Decade and additional voyages not relating to America. Savin 34104; The World Encompassed, 65

PURCHAS, SAMUEL, Hakluytus Posthumus, or Purchas His Pilgrimes, Contayning a History of the World, in Sea voyages, & lande-Trauells, by Englishmen & others [with: Purchas his Pilgrimage or relations of the world, 1626]. London: William Stansby for Henrie Featherstone 1625-26, 5 vols., folio, contemporary blindstamped vellum, upper joints of vols. 1 & 5 split, slightly soiled, library blindstamps on titles and one text leaf, very light dampstaining to upper margins of vols. 1-4, small hole in very light dampstaining to upper margins of vols. 1-4, small hole in last text leaf of vol. 4 with partial loss of pagination, vol. 5 slightly dampstained, leaf of text with world map slightly shaved, FIRST EDITION of vols. 1-4 with, as usual, the Fourth Edition of Purchas his Pilgrimage, with the dedication to King Charles; engraved title in vol. 1 incorporating 2 world maps and portrait of Purchas, printed titles, 7 double-page engraved maps. 89 engraved maps and plate in the text. STC 20509 & 20508.5; Sabin 100 pt. 10 6682-86 ("One of the fullest and most important collections of early voyages and travels in the English language"). Bookplate of Henry Labouchere (Explorers). A good copy

13 BREYDENBACH, BERNHARD VON. [Perigrinatio in terram sanctam, German] Die fart oder reysz úber mere zu[m] dem heylige[n] grab unsers herren Ihesu cristi gen Iherusalem Auch zu[m] der heyligen iunckfrawen sant Katherinen grab auf dem berg Synai, Augsburg: Anton Sorg, 23 April 1488. folio, 27/by 195mm., late nineteenth-century quarter blindstamped and giltlettered morocco and marbled boards, cloth box, corners just worn, inner blank margins wormed from fols. 32 to 67 and les. severely at other inner blank margins, lower outer blank corner of fol. 116 torn away, some leaves soiled, last few leaves with blank margins dampstained, Second Edition in German, 193 leaves (of 194, without final blank), unfoliated, with signatures, 36 lines, gothic letter, two 9-line and numerous 5- and 4-line woodcut capital initials, 8 woodcut illustrations including one large view of Jerusalem and one full-page of the animals of the Holy Land; all the cuts are reversed copies of the original Latin Mainz editions of 1486. HC 3960; Polain (B) 896; Schreiber 3631; Schramm IV p.52; BMC II 353 (IB 6015); GW 5078; Goff B 1194. Bookplate of James B. Ford (Explorers)

TOTAL MAPS & ATLASES 17

SOTHEBY'S, 14th and 15th JUNE 1982 (PREMIUM 10%)

14 BERTIUS (P.) COMMENTARIORUM RERUM GERMANICARUM, 3 parts in one vol., engraved title-page, armorial plate, 26 engraved maps (23 full-page) and 101 town plans and views, many after Braun and Hogenberg, very slight browning of text nd plates, contemporary vellum, slightly soiled oblong 4to Amsterdam, J. Jansson, 1632

- 15 BLAEU (J.) NOVUM AC MAGNUM THEATRUM URBIUM BELGICAE FOEDERATAE [Town-books of the Netherlands], 2 vol., engraved titles (Latin text as paste-ons), 17 sectional titles, together 210 engraved plates containing 321 plans and views of towns and cities in the United Netherlands, one or two plates creased in vol. 11, occasional waterstaining in upper margins affecting some plates, original vellum gilt [cf. Koeman I, B1 66 and
- Koeman states that the text of this edition has been reset and signatures added, but the leaves remain unpaginated.

16 BLAEU (J.) THEATRUM CIVITATUM ET ADMIRANDORUM ITALIAE [Townbooks of Italy], 2 vol., FIRST EDITION, vol. I printed title, engraved frontispiece (misbound), 69 (of 74) engraved plates of plans and panoramas (47 double-page, 3 full-page, 22 smaller), the plate Bononia' with paste-on extension (not recorded by Koeman), index leaf at end; vol. II printed title, 42 plates (10 double-page, 6 folding, 25 fullvol. II printed title, 42 plates (10 double-page, 6 folding, 25 fullfolio Amsterdam, 1663

17 BLAEU (W. AND J.) NOVUS ATLAS, Das ist. Weltbeschreibung, 6 parts in 3 vol., German text, 6 engraved titles (3 heightened with gold), 258 double-page engraved maps (of 278) hand-coloured in outline, titles and all cartouches fully coloured, occasional dampstaining and offsetting affecting maps, a few iorn or split at centrefolds without loss of engraved surface, original vellum gilt [cf. Koeman I, Bl 31A, 32A and 41A]

folio Amsterdam, J. and C. Blaeu, 1641-42 In common with other known examples of the German text Blaeu atlas, some signatures vary from those given by Koeman. the amendments being in manuscript.

(G.) AND HOGENBERG G UND CONTRAFACTUR BESCHREIBUNG VORNEMBSTER STÂT DER WELT, 5 vol., engraved titles with paste-on slips, 462 plans and views on 298 plates (of 305), ALL TITLES AND PLATES COLOURED BY A CONTEMPORARY HAND, preliminary texts and indices present as called for, one or two plates torn but without loss of occasional worming engraved area, affecting contemporary calf, tooled in gilt and silver, spines blind-ruled and dated 1613, gilt corner devices, central arabesques on sides, heads of spines worn [cf. Koeman II, pp. 10-23] folio Cologne, G. von Kempen and P. Buchholtz, 1582, 1575-76.

1581, 1590 and [1600]

The rare German edition of the celebrated townbooks. The sixth volume was not issued until 1617-18.

19 BRAUN (G.) AND HOGENBERG (F.) CIVITATES ORBIS TERRARUM, 6 parts in 3 vol., engraved titles, 555 plans and views on 364 plates, preliminary text in parts 1 and 2 only, but all index leaves present as called for, title to part 3 loose, some worming of guards, affecting a few plates, occasional creasing, one or two plates with marginal tears not affecting engraved surface. part 5, plate 27 'Antverpia' torn without loss of engraved area, plate 68 stained, part 6, one or two plates waterstained, contemporary green vellum, very worn, wanting spines [cf. Koeman II, pp. 10-23] folio Cologne, [1612, 1612, 1616, 1617,] 1618

20 DE BRY (T., J. I. AND J. T.) MAJOR AND MINOR VOYAGES, GERMAN EDITION, Major Voyages (The Americas), parts 7-13 (wanting 1-6 and 14); Minor Voyages (The East Indies), parts 6-13 (wanting 1-5), together 15 parts in 2 vol... various editions, titles with engraved borders, printed insets and sub-titles, 131 plates and maps (Major Voyages), and 103 text plates and maps (Minor Voyages), in various states, some damage to folding maps, occasional browning of text, first few leaves of Major Voyages detached and frayed, a few leaves wormed, contemporary vellum, worn [cf. Bibliotheca Lindesiana. Collations and Notes No 3: Crawford, Grands et Petits Voyages of de Bry, pp. 29-50, 79-97; Church 193-200, 236-245]

folio Frankfurt a.M. and Oppenheim, 1606-33

21 [CAMOCIO (G. F.)] ISOLE FAMOSE, PORTI. FORTEZZE, E TERRE MARITIME SOTTOPOSTE ALLA SIGRIA. DI VENETIA, 88 numbered engraved plates comprising allegorical title-page (monogram NB. i.c. Natale Bonifacio) and 87 maps, plans and bird's-eye views by G. F. Camocio, F. Bertelli, P. Forlani, M. Rota and D. Zenoi covering the theatre of war in the Mediterranean between the Venetian Republic and the Turkish Empire in 1570-73, and maps of the British Isles, Ireland and Iceland, all uncoloured, tear repaired on plate 2 (the Old World), otherwise fine throughout, contemporary limp paper boards [cf. N M M 35; Phillips, Atlases 3975, 7855] small oblong folio Venice, alla libraria del segno di S. Murco [D. Bertelli, 1875-1880]

Such atlases were issued at Venice during the late 1560s and 1570s, at first in loose sheets printed or assembled to order, but later as more or less uniform collections with a title-page. Camocio, during the period 1570-75, issued isolari bearing his imprint "at the sign of the Pyramid." He is believed to have perished during the plague outbreak in Venice in 1575; certainly his imprint is not known on atlases printed after that date. His plate stock passed into the hands of D. Bertelli some time during or shortly after 1575. Bertelli's editions of the work bear the imprint as given above and in addition, each plate, including the title-page, is numbered.

22 CELLARIUS (ANDREAS) Harmonia Macrocosmica seu atlas universalis et novus, FIRST EDITION, second issue, engraved frontispiece, 20 (of 29) double-page engraved plates showing the cosmographical systems of Ptolemy, Tycho Bruhe, etc., the constellations and celestial hemispheres, all in contemporary colour some heightened with gold, some plates split at centre-folds with no loss of engraved surface, some leaves browned or slightly frayed, pp. 209-216 loose, contemporary vellum, gilt [cf. Koeman IV, pp. 2-4] folio Amsterdam, J. Jansson, 1661

23 DUDLEY (Sir ROBERT, Duke of Northumberland and Warwick) DELL'ARCANO DEL MARE, FIRST EDITION, 6 parts in 3 vol., containing 361 engraved plates and charts, some dust-soiling at outer edges of folds, occasional slight spotting, some browning (caused by original paste of guards and of

the small mounted plates), old limp vellum folio (vol. 1, 345mm by 245mm; vol II and III, 475 mm by 340 mm)

Florence, Francesco Onofri, 1646-48 A FINE COPY OF THIS RARE AND IMPORTANT WORK.

COLLATION: Vol. I, book 1, half-title to books 1 and 2, title dated 1646, with inset engravings, engraved facsimile of the Emperor Ferdinand II's patent of nobility in favour of the author, dated 1620, 31 plates (8 full-page, 23 folding; 4 plates unnumbered, 2 of the latter and 2 numbered plates with text on versos), including 29 of astronomical and nautical instrument designs incorporating volvelles, pointers or string pointers (one string wanting); book 2, 13 plates (7 folding, one with volvelle and pointer, one with pointer only, 6 other plates) and 15 small-scale folding charts of the coasts of Europe, Africa, America and Asia book 3, half-title to books 3 and 4, title with inset engraving, 8 plates (5 folding, 3 full-page); book 4, 18 plates (15 folding, 2 full-page, plus small plate (no. 19 pasted at bottom of p. 33) errata leaf at end, book 5, title, dated 1647, with inset engraving 144 plates (22 folding, 8 with volvelle and pointer, 6 with pointer only, 93 full-page or half-page, 2 with volvelle and pointer, 10 with pointer only, 1 with string, 29 small plates, 3 with volvelle and pointer, 2 with pointer only, 2 with string, most plates numbered one volvelle loose, several plates mounted on rectos or versos of leaves or other plates, leaf to the reader of book 6 at end of vol.; vol. 111, book 6, title, dated 1647, with inset engraving 'Orsa Minore,' 131 larger scale folded charts of the coasts of Africa, Asia and America, arranged in three sections (texts to sections 3 and 4 following charts), plus one chart 'Una carta dell'Arcipelago . . . verso Levante' repeated (not recorded thus in any other copy examined), imprint on last page dated 1648.

24 HELVICUS (NICOLAUS) THEATRUM HISTORIAE UNIVERSALIS CATHO.-PROTEST. Das ist Warhaffte igentliche und kurtze Beschreibung, aller gedenckwurdigen Historien 3 parts in 1 vol.. engraved frontispiece by S. Fürck, title printed in red and black, 62 engraved double-page maps, buttle plans and views, 100 portrait plates in text, one or two maps with minor splits at centre-folds without loss of engraved surface, in part 2 pp. 341-44 loose and frayed, minor worming affecting margins of a few leaves, slight overall browning throughout, contemporary vellum, blind ruled, soiled

folio Frankfurt a.M., M. Kempffer for J. G. Schönwetter, 1644 Several of the maps and plans are the work of Mathaus

Merian, while most of the regional maps are reductions of Mercator's by David Custodis

25 JANSSON (JOHANNES) NOVUS ATLAS. Das ist. Weltbeschreibung, 7 parts in 3 vol., 7 engraved titles (one without paste-on slip), 226 double-page engraved maps (of 2782) handcoloured in outline, titles (several heightened with gold) and cartouches fully coloured, some creasing and other damage to centre-folds without loss of engraved area, occasional offsetting, a few leaves of text browned, original vellum, gilt, soiled [cf. Koeman II, pp. 468-83]

folio Amsterdam, 1644

The present copy, with title-pages dated 1644, is not collated in Koeman, but contains map-sheets listed under the editions of 1638 (Me 120), the supplement of 1641 (Me 122), vol. 2 appears to be a variant of the 1638 edition (Me 121), and vol. 3 corresponds very nearly to the 1649 edition (Me 136A) calling for 93 maps only. In the latter, the map of North America is the first Dutch map (in second state) to show California as an island, while the map of Guiana is laid on a copy of the map of Guinea.

MEISNER (DANIEL) SCIOGRAPHIA COSMICA, Day ist: newes emblematisches Büchlein, darinen in acht Centuriis die Vornembsten Stätt, Vestung Schlösser &c. der gantzen Welt gleichsamb adumbrirt, parts 1-IV (of 8) in one vol., 4 engraved titles, 345 plans and views of European towns (of 400, lacking 22 plates in part I, 10 in part II, 11 in part III and 12 in part IV), the two leaves of dedication and one of the uddress to the reader in part I absent, contemporary limp vellum, spine defective at head, lacking

oblong 4to Nuremburg, Heirs of P. Fürsten, 1642-38

MEISNER (DANIEL) THESAURUS POLITICUS, Das ist: Politisches Schatzkästlein, 6 parts in 1 vol engraved titles, each part 52 plans and views of European towns, together 312 plates, engraved by Georg Keller and Mathias Merian, one or two with marginal tears, occasional waterstaining touching engraved area, wormhole affecting preliminary leaves and margin of first few plates, contemporary vellum, upper board and spine detached [cf. Praz, pp. 106-107] oblong sm. 4to Frankfurt a.M., E. Kieser, 1624-25

28 MERCATOR (GERARD) ATLAS MINOR, Das ist: Ein WIFIC ATON (OERARD) ATEAS MINON, Das ISI, Elli kurtze, jedoch grundliche Beschreibung der gantzen Welt. engraved title-page (paste-on slip), 143 engraved maps, some gatherings slightly browned, minor marginal waterstaining affecting one or two maps only, pp. 427-30 loose and slightly fraved at upper margin, contemporary limp vellum [Koeman II, Mc 199] oblong 4to Amsterdam, J. Jansson, 1631

The first Jansson edition of the Mercator-Hondius atlas with German text.

(GERARD) **ATLAS** COSMOGRAPHICAE MEDITATIONES, 3 vol., vol. 1 consisting of engraved general title and introductory text to Koeman's 1595A edition (Koeman II, Mc 13A); vol. II, 26 doublepage maps of the German Empire (with textual variations, cf. Koeman, p. 297); vol. III, 22 maps on 21 plates (of 22: wanting Forum Iulium') including 2 half-page, general title fully coloured,

vol. III title repaired, seventeenth-century limp vellum [cf. Koeman

folio Duisburg, [1585-95]

30 MERCATOR (GERARD) ATLAS COSMOGRAPHICAE MEDITATIONES, 5 parts in one vol French text, engraved general and four sectional titles, double portrait of G. Mercutor and J. Hondius, 164 maps on 156 plates, overall browning, some maps creased, one or two splits at centre folds without loss, one map loose, some outer margins frayed, contemporary vellum gilt, worn, [cf. Koeman II, Me 26A]

folio Amsterdam, J. Hondius, 1619 An enlarged edition of the Mercator-Hondius Atlas, with five new maps relating to France, two of which agree with Keuning's listed imprints [Imago Mundi IV, p. 49] referring to Koeman's (49) Xaintonge and (56) Beauvaisis, not present in the copy described under Me 26A.

31 [MERIAN (MATHAEUS) and Heirs] THEATRUM EUROPAEUM, Oder Ausztuhrliche, und Warhafftige Beschreibung aller und jeder denckwurdiger Geschichten, vol I-V and VIII [covering the years of 1617-47 and 1657-61], vol. 1, title printed in red and black (all vols. with additional engraved titles), 3 double-page maps (2 folding), 1 folding panorama of Prague, 30 double-page plans and views, 5 full-page (2 folding) and 71 portraits and smaller views in text; vol. 11, 8 double-page maps (I folding, of the Elbe), 44 double-page plans and views (4 folding), 5 folding panoramus, 3 full-plates, 50 portraits in text, plus 8 smaller views and plates not called for in register; vol. III, I double-page map, 2 folding panoramas, 38 double-page plans and views (4 folding), I armorial plate in dedication, 39 portraits in text; vol. IV, 42 double-page plans and views (wanting the general map of Germany), 3 folding panoramas, 1 full-page plate, 28 portraits in text, plus 4 plates not called for in register; vol. V, 3 double-page maps (that of Germany a later state of the map in vol 3: without the frieze of escutcheons), 52 double-page plans and views (1 folding), 2 folding panoramas, 3 full-page plates, 66 portraits in text; vol. VIII, 2 double-page maps, 14 double-page plans and views (of 15: wanting Cracau), 5 folding panoramas, 3 full-page plates, 24 portraits in text, a few plates loose, one or two others wormed, without loss of engraved surface, occasional creasing or fraying of outer margins, a few leaves browned, others with minor repair vol. I-III contemporary blindstamped pigskin, slightly soiled, others contemporary vellum, slightly soiled and worn folio Frankfurt a.M., M. Merian, 1635-67

32 MÜNSTER (SEBASTIAN) COSMOGRAPHIAE UNIVERSALIS LIB. IV., printed ütle within elaborate woodcut 32 MÜNSTER border, portrait of Münster on verso, 14 double-page woodcut maps with printed title on verso of each, 37 other maps and plans (3 folding, 32 double-page), approximately 970 woodcuts in text (including repeats), some full-page, device on last page, wanting last blank, inkstains affecting one or two leaves, 2 folding plates (Worms Y4 and 5, and Heidelberg Mm 3 and 4), damaged at folds, the latter detached, but the third (Vienna Tt3) damaged without loss of printed surface, small hole torn in outer margins of leaves Oo-Oo5 touching the view of Freisingen, small piece torn from margin of Yy2 affecting view of Fulda, some irregularities of pagination corrected in manuscript, manuscript annotations on front paste-down, first blank and end paste-down, contemporary blindstamped pigskin over wooden boards, soiled, 1 (of 2) clasps, 1 (of 2) catches [cf. Burmeister 88]

folio Basle, H. Petri, 1552 *.* Several of the double-page maps are among the earliest of their kind. Asia is perhaps the earliest separate map of the continent, that of the New World among the first to distinguish North and South America, while the map of the modern World in this edition is the revised outline bearing the monogram 'DK [David Kandel].

33 MUNSTER (SEBASTIAN) COSMOGRAPHIA, DAS IST: BESCHREIBUNG DER GANTZEN WELT, 9 parts in one vol., printed title in red and black, portrait of Munster on verso (wanting additional engraved portrait/frontispiece), 26 double-page woodcut maps with printed title and woodcut headpiece on verso of each, 72 other double-page maps and plans (1 folding), approximately 1490 woodcuts in text (including repeats), some full-page maps, a few leaves affected by natural rust or other flaws, some leaves browned, small piece torn from lower outer corner of KKKI, one or two irregularities of pagination and signature (in comparison with Burmeister), contemporary blind-stamped pigskin boards, slightly soiled, 3 (of 4) ties [cf. Burmeister 86. Nordenskiöld Collection 2, 159]

folio Basle, Bey den Henricpetrischen [S. Henricpetri], 1628 ** The 26 double-page maps were cut in the "Copperplate style" after the corresponding plates in the pre-1587 editions of the Ortelius Theatrum. Some 68 other maps and plans appear for the first time in this last edition of Münster's work. The famous caricature of Europa (after Bucius 1537) appears on p. 54.

34 PTOLEMAEUS (CLAUDIUS) GEOGRAFIA, 2 parts in 1 Italian test, 69 engraved double-page maps, including 4 of the world, numerous woodcut diagrams in text, slight worming affecting outer margins of a few leaves, contemporary limp vellum [cf. Phillips 409; Sabin 66507]

4to Venice, Melchior Sessa's Heirs, 1598-99 The fourth edition of Giuseppe Rosaccio's translation of Ptolemy's text. Most of the maps are reprinted, with minor retouches and additions, from the editions of 1561 to 1574, but in this copy six entirely new maps have been added, including Rosaccio's double-hemisphere world map, new maps of the Americas, Europe, Asia and Africa, and Bernardin Valle's

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'Hungaria' which replaces the more commonly found 'Polonia et Hungaria' plate.

SCHEDEL (HARTMANN) DAS BUCH DER CHRONIKEN UND GESCHICHTEN [translated by Georg Alt], FIRST EDITION IN GERMAN, 295 leaves (of 297, lacks the last 2 leaves with map and colophon), 59 lines and headline, gothic letter, xylographic title, upwards of 2000 woodcut illustrations (including repeats) by Wolgemuth and Pleydenwurff, many spreading over two pages, a few repairs to world map on f. 13, minor marginal repairs in ff. 30 & 44, headlines shaved in ff. 107 & 108, worming to a greater or lesser extent throughout, some of it affecting text, sixteenth-century blind-stamped pigskins over wooden boards with clasps, very wormed with the lower forecorners eaten away [Hain 14510*; BMC II, 437; Klebs 890.1;

folio Nuremberg, Anton Koberger, 23 December 1493

36 SCHOTTUS (FRANCISCUS) ITINERARIO OVERO NOVA DESCRITTIONE DE'VIAGGI PRINCIPALI D'ITALIA, additional engraved title, frontispiece, 199 maps plans, scenes and plates, including the masked carnival series, by F Bertelli, the majority double-page, slight spotting, contemporary limp boards, joints split, ties defective, uncut

sm. 8vo Padua, M. Cadorini, 1654

ZEILLER (MARTIN) ITINERARIUM ITALIAE NOV-ANTIQUAE: oder Raiss-Beschreibung durch Italien, FIRST EDITION, additional engraved title and 43 double-page or folding maps, views and town-plans, lower fore-corners throughout waterstained, text leaves somewhat browned, contemporary vellum with ties

folio Frankfurt a.M., M. Merian, 1640

38 Z[EILLER] (M[ARTIN]) TOPOGRAPHIA ELECTORAT[US] BRANDENBURGICI ET DUCATUS Beschreibung der . . . March Brandenburg POMERANIAE und dem Hertzogtum Pom[m]eren, zusampt einem doppelten Anhand . . . Preussen unnd Pomorellen . . . Lifflande, 3 parts in one vol., FIRST EDITION, engraved title, 4 engraved doublepage maps, 2 folding, 99 (of 100) views on 68 (of 69) engraved plates, 64 double-page, including 13 folding, lower corners slightly dampstained, contemporary vellum boards [Schuchhard 60]

folio Frankfurt a.M., Heirs of M. Merian, [1652]

39 ZEILLER (MARTIN) TOPOGRAPHIA GALLIAE. Oder Beschreibung ... Königreich Franckreich, FIRST EDITIONS, 4 parts (of 13) in 1 vol., engraved general and 3 sectional titles, Pt 1, 115 plates (of 118) consisting of 3 maps (1 folding) of France and Ile de France, 2 panoramas of Paris (1 on 2 of 1) of 10 to 10 plates, the second on 3), 3 plans of Paris (2 folding) and 88 double-page views on 84 (of 91) plates and 38 full-page views on 19 plates; Pt 2, 30 plates consisting of 1 double-page map of Picardy and 39 double page plans and views on 29 plates; blank leaf; Pt 3, 54 plates consisting of I double-page map of Champagne, 4 folding views on 3 plates, 49 double-page views and plans on 39 plates and 19 full-page views on 10 plates; blank leaf; Pt 4, 26 plates consisting of 1 double-page map of Burgundy, 3 folding views on 6 plates, 18 double-page views and plans on 16 plates and 6 full-page views on 3 plates, in each part an index of maps and plates, wormhole affecting inner margins of some leaves and plates, in a few cases touching engraved surface, minimal waterstaining affecting a few plates, contemporary vellum [cf. Schuchhard 71-74]

4to Frankfurt a.M., Caspar Merian, 1655-56

40 [ZEILLER (MARTIN)] AND MATTHAEUS MERIAN. TOPOGRAPHIA PROVINCIARUM AUSTRIACUM] Austriae Styriae, Carinthiæ Carniolae, Tyrolis etc.: Das ist Beschreibung und Abbildung der fürnembsten Stätt [—Anhang II]. 3 parts in 2 vol., FIRST EDITION, engraved title. slightly torn affecting engraving, 8 double-page engraved maps (of 9), 150 views and plans (of 154) on 105 (of 109) engraved plates, 74 double-page, some folding, 3 torn at fold, 1 badly, the 4 plates and 1 map missing in the first addenda, contemporary vellum, corners of first vol. slightly worn [Schuchhard 1, 6 & 10]

folio Frankfurt A.M., Matthaeus Merian, 1649-56 [-? 1670]

TOTAL MAPS & ATLASES 39

HAUS DER BÜCHER AG, BASEL, 16th-18th JUNE 1982 (PREMIUM 15%)

41 JEFFERYS, TH. The American Atlas: or, A Geographical Description of the whole continent of America. Wherein are delineated at large, its several regions, countries, states, and islands; and chiefly the British Colonies. Engraved on forty-eight islands; and chiefly the British Colonies. Engraved on forty-eight copper-plates . . . London, R. Sayer & J. Bennett. 1775. (handschriftl. hinzugefügt: 1777) Gr. Fol. 2 Bl., 29 num. (richtig: 30) meistens mehrfach gefalt. Karten in Kupfer, gedruckt auf 48 (49) Platten, mit Randkolorierung, vereinzelt auch Flächenkolorierung. HLdbd. d.Z. mit Rsch. und etwas Rv. (Rücken lädiert, Deckel berieben und beschabt, Ecken und (7000.-)kanten bestoßen) Sabin IX, 247/48. – Erstausgabe des Prachtatlasses, im Titel leicht abweichend (ohne Angaben über die Zeichner der einzelnen Karten) von der Ausgabe 1776, die Sabin im Wortlaut anführt und

kommentiert: «The very useful and valuable collection is composed of separate maps, on a large scale, mostly executed by

the surveyors of the various colonies between the years 1726-

1776». 6 Karten weisen sehr schöne, große Kartuschen auf. - In der vorliegenden Ausgabe wurde zwischen Karte 17 und 18 eine im Index nicht angegebene Karte (The Province of Quebec) eingebunden. Guter Erhaltungszustand, die Randkolorierungen manchmal etwas dilettantisch. Ränder hie und da angestaubt, vereinzelt kleine Flecken. Karte 12 unten knapp beschnitten.

TOTAL MAPS & ATLASES 2

CHRISTIE'S AMSTERDAM B.V., 17th-18th JUNE 1982 (PREMIUM 16%)

42 BOR (PIETER): NEDERLANTSCHE OORLOGHEN. beroerten, ende Borgerlijcke oneennicheyden, 5 vols. in 6, 5 engraved titles, portrait of the author and 192 engraved illustrations, maps, views, portraits, etc. (minor worming to inner margin of vol. III, part 2), contemporary blindstamped vellum, ties (slightly worn), folio, Amsterdam, 1621-26; sold not subject to

43 GUICCARDINI (LUDOVICO): DESCRITTIONE DI TUTTI I PAESI BASSI, altrimenti detti Germania Inferiore engraved frontispiece, ornamental engraved title and portrait and 73 engraved maps and plans, with the final blank (lacking G5 and recto of G6 blank, the missing text supplied by a loosely inserted sheet with the map of Antwerp, from another copy; some browning; small area of lower margin of title and portrait repaired, very slightly affecting the text; one or two other minor repairs) eighteenth century vellum, [Adams G1542], folio, Antwerp, C Plantin, 1588; sold not subject to return

44 GUICCARDINI (LUDOVICO): [BESCHRIJVINGHE VAN ALLE DE NEDERLANDEN], anderssins ghenoemt Neder-Duytslandt, made-up copy with 2 parts in vol., the first comprising engraved frontispiece, engraved title, portrait and preliminaries from the 1588 edition printed in Antwerp, followed by the text and 88 hand-coloured maps from the Amsterdam edition, titled above, with in addition, 77 uncoloured engraved maps only (of 78) on 72 sheets, again from the 1588 edition (occasional minor soiling and staining; C5 repaired at outer margin with some loss of text; fore-edges of maps at O5, Q4 and 2C6 in the first part cut down or repaired with some loss of text; margins of Index repaired; one or two other minor defects), modern blindstamped vellum, folio, Amsterdam, W. Jansz, 1612; sold not subject to return

KUYPER (J.): GEMEENTE-ATLAS NEDERLAND naar Officieele bronnen bewerkt, 7 vols., 1210 lithographed maps, some hand-coloured outlines, cloth, [Koeman II, Kuy 19], oblong sm. 4to, (190 x 240 mm), Leeuwarden, H. Suringar, [1865-69] Kuyper's best-known atlas.

MERIAN (MATTHAEUS): TOPOGRAPHIA GER-MANIAE-INFERIORIS vel Circuli-Burgundici das ist Beschreibung und Abbildung der Fürnembsten Orter in den Nederlandischen XVII Provincien oder Burgundischen Fransche, ornamental engraved title and 119 engraved maps, plans and plates, 110 of which are double-page (occasional very minor spotting), eighteenth century half vellum (slightly rubbed and soiled), folio, Frankfurt, Merian, [1659]

TOTAL MAPS & ATLASES 15

J. L. BEIJERS B.V., UTRECHT, 23rd JUNE 1982 (PREMIUM 18%)

47 GUICCIARDINI. – 98 (of 100) maps and plans (81 double-page, 9 full-page, 8 half-page) from Guicciardini's Omnium Belgii . regionum descriptio, 1613. In 1 vol. Small folio. Half calf (dam.), (4000-4500)

* (Lacks The Hague and Zutphen; light waterstains).

£5000

(MÜNSTER, SEB.). Cosmographei. Basel. (H. Petri, 1550). Folio. Blindgestempelter Schweinslederband (berieben; Schliessen fehlen; einige Reparaturen). – Titel und 14 Kartentitel in Holzshnittbordüren und fast 900 Holzschnitten, worunter 14 doppels. Karten und 37 Stadtpläne und Ansichten. (10.000-

** (Einige kleine Wurmlöcher; Titel und die drei Stadtansichten von Heidelberg. Wien u. Worms aufgezogen).

TOTAL MAPS & ATLASES 10

CHRISTIE'S, 23rd JUNE 1982 (PREMIUM 8%)

49 CARTE DE FRANCE, engraved sectional map on 178 folding sheets (of 181: lacking only sheets 82, 111 and 160), including key map with cartouche, HAND-COLOURED THROUGHOUT and mounted on blue silk (nos. 45, 46, 80 and 81 on cream cloth), contained in 18 numbered CONTEMPORARY RED MOROCCO FITTED BOXES with drop fronts and hinged lids, each face with gilt roll-tooled borders, incorporating bees, fruit and flowers, with large fleurons at corners, fronts gilt lettered with title and contents of each box, lined with blue watered silk, Dutch gilt floral paper on bases (box 18 a pull-off case

in similar style), [most sheets 585 x 914 mm.; boxes 106 x 145 x 230 mm.], Paris, la veuve Gautier, 1764

TOTAL MAPS & ATLASES 1

CHRISTIE'S, 23rd JUNE 1982 (PREMIUM 8%)

CARTE DE FRANCE, engraved sectional map on 178 folding sheets (of 181: lacking only sheets 82, 111 and 160), including key map with cartouche, HAND-COLOURED THROUGHOUT and mounted on blue silk (nos. 45, 46, 80 and 81 on cream cloth), contained in 18 numbered CONTEMPORARY RED MOROCCO FITTED BOXFS with drop fronts and hinged lids, each face with gilt roll-tooled border, incorporating bees, fruit and flowers, with large fleurons at corners, front gilt lettered with title and contents of each box, lined with blue watered silk, Dutch gilt floral paper on bases (box 18 a pull-off case in similar style), [most sheets 585 x 914 mm.; boxes 106 x 145 x 230 mm.], Paris, la veuve Gautier, 1764 £14580

TOTAL MAPS & ATLASES 1

SOTHEBY'S, NEW YORK, 25th JUNE 1982 (PREMIUM 10%)

51 MERCATOR. GERARD. [PTOLEMAEUS, CLAUDIUS]. Geographiae libri octo Graecco-Latini latine primum recogniti & emendati cum tabulis geographicis ad mentem auctoris restitutis per Gerardum Mercatorem Amsterdam; Jodocus Hondius, 1605

Folio. Engraved title, portrait of Mercator on f. 6. verso, both handcolored and highlighted in gilt, 28 engraved maps,, all but one doublepage, all fully handcolored including elaborate strapwork cartouches, world map with strapwork border and representations of the winds, text in Greek and Latin, with the blank c4; slight browning and soiling, minor repair to fold of one map with new mount, some waterstaining, but generally a fine and bright copy. Contemporary vellum gilt; rubbed and stained

First edition of the Greek and Latin text together, "the first work printed in Greek in Amsterdam and a typographic masterpiece" (Koeman II, p. 285, Me 3). The maps appeared first in 1578; they were purchased by Hondius from the heirs of Mercator. In the portrait Mercator holds a globe on which are marked America and Peru (reproduced on the cover of The Map Collector, March 1982 Issue No. 18). Sabin 66494; Phillips 421

MERIAN, MATTHAEUS. Topographia Italia, das ist: Warhaffte und curioese Beschreibung von gantz Italier Frankfurt, 1688

2 parts in one vol. folio. Engraved frontispiece and 155 engraved maps (majority folding), views and plates; frontispiece repaired on verso, slight occasional staining and browning, two plates trimmed to plate mark, library stamps on title and frontspiece Sheep backed boards; very rubbed

From the collection of Clara and Irwin Strasburger

\$1760

TOTAL MAPS & ATLASES 64

SOTHEBY'S, NEW YORK, 29th JUNE, 1982 (PREMIUM 10%)

ENGLISH PILOT, THE. The Fourth Book Describing the West-India Navigation from Hundson's Bay to the River Amazones . . . Dublin. 1767

Folio. 22 doublepage and folding maps, 6 single page and within the text, numerous woodcuts within the text; slight traces of offsetting and browning, one map detached. Modern cloth Sabin 22619 (which calls for only 27 maps); Phillips 1162. Includes maps of Boston Harbour not found in the London editions of 1758

\$3850

54 PURCHAS, SAMUEL, Purchas His Pilgrimes . . Printed by William Stansby for Henrie Fetherstone . . . 1625-1626 75 vols. folio Engraved title in facsimile, washed, with 6 folding maps and 83 smaller maps in the text, lacking R4 (probably a blank) minor defects, some repairs. Modern half morocco gilt. ex-library, with library stamps on verso of titles

First Edition. The 5 volumes include all the parts of Purchas His Pilgrimes and the final volume, Purchas His Pilgrimage. The map Virginia in the fourth volume is the seventh state of Smith'. famous map. With numerous irregularities in pagination as stated in Sabin 66682-66686 and Church 401A

TOTAL MAPS & ATLASES 78

L. VAN GENDT & CO., B.V. AMSTERDAM. 29th and 30th JUNE 1982 (PREMIUM 22%)

BLAEU, W. & J., Paises Baxos, o Belgia divida en dos partes. Amst., J. Blaeu, 1663. 2 parts, 1 vol. With 2 engr. titles & a total of 63 engraved maps, mostly double-page, a few in the text (general map, 34 maps of the Southern & 28 of the Northern Netherlands). ALL IN SPLENDID CONTEMPORARY HANDCOLOURING & PARTLY HEIGHTENED IN GOLD. Orig. panelled & gilt vellum, e.g., ins. dent. (small tear in spine & upper joints), large folio. (45.000)

= Koeman Bl. 60A. The fourth volume of the Spanish edition of

£46000

TOTAL MAPS AND ATLASES 25

PHILLIPS, 1st JULY 1982 (PREMIUM 10%)

TASSIN (NICOLAS): Carte Generale De Tous Les Cantons des Suisses, engraved title. I folding map, 35 engraved town plans, text in Latin and French, slight worming in margins, some dampstain, cont. vellum, soiled, lacks ties, oblong 4to. [1635]

TOTAL MAPS & ATLASES 75

CHRISTIE'S, SOUTH KENSINGTON. 2nd JULY 1982 (PREMIUM 00%)

57 [MIAMI AND BISCAYNE BAY] "HYDRO—GEOGRAPHICAL MAP representing part of Sandwich Gult, and of the New Bahama Channel . . . also part of the Main Westward of Cape Florida, on which Main is laid out the Right Honourable the Earl of Dartmouth, his territory containing m/40 acres of land... this map is laid down by a scale of 10,000 links or 6,000 feet to an inch from the actual surveys and observations of William Gerrard de Brahm Esqr. His Majesty's Surveyor Gen of the Southern District of North America," MANUSCRIPT CHART on paper, pen and ink, inset "A plan representing four Quarters of the Town proposed at Cape Florida containing 100 Acres," 477 x 587mm, [circa 1771], three short clean tears across

This chart is compiled from material collected by William Gerrard de Brahm during his surveys of the coast of East Florida, 1764-71, and presumably drawn for the Earl of Dartmouth

58 CAMBEL (JOHN) [THE PROPOSED TOWN OF DARTMOUTH ON THE MISSISSIPPI], MANUSCRIPI map on paper, ink and watercolour, 520 x 686mm, inset dedication "To The Right Hon.ble, The Earl of Dartmouth, &c", with a 47 line explanation of the advantages of the proposed site, scale 20 chains to one inch, signed "In.o Cambel, Lieut.) of Engineers, A.D. 1774", one clean tear affecting explanation – [THE LAYOUT OF THE PROPOSED TOWN OF DARTMOUTH], manuscript map on paper, ink and watercolour, 510 x 745mm, scale 400 feet to one inch, two small clean tears at left margin (2)

The Explanation outlines the advantageous situation of the proposed town, pointing out that there is a crossland navigation proposed town, pointing out that there is a cross-and natigation from Pensacola [Florida] to the Mississippi "by way of the lakes and River Iberville"... Thus it appears vessels may get up the Mississippi, 234 Miles, without once encountering the Current ... In case of a Spanish War... Our whole force in North America, might thro' this Channel, be let loose of South, or Spanish America". The proposed town of Dartmouth appears to have been sited north of Baton Rouge in Louisiana. John Cambel also carried out a survey, in 1774, of Governor Browne's land turther north at Pointe Coupe, and was also active in surveys of the eastern seaboard, including a sketch of St. Augustin Harbour, 1780, and plans of Charleston, 1776

"A PLAN OF THE HARBORS OF PORT ANTONIO IN THE ISLAND OF JAMAICA SURVEY'D A.D. 1770 BY CHAS KNATCHBULL", MANUSCRIPT chart on vellum, ink and wash, surmounted by a panoramic view of "The Appearance of the Land about Port Antonio when Navy Island bears South West 5 or 6 miles Distance", inset of "Directions" for entering the harbour, "a scale of Fathoms 880 to a Mile", 475 x 595mm, a few small holes at lower margin, not affecting map Lieut. Charles Knatchbull assisted George Gaud and John Payne

on A General Plan of Port Royal and Kingston, Jamaica, 175

60 [QUEBEC] - MARR (Lieut, JOHN) "The Original Copy of the Project No. 3. For a Citadel at Quebec by J.M."; "Project No. 4. for a Citadel at Quebec", TWO MANUSCRIPT PLANS for the fortification of Quebec, the first on paper, ink and watercolour, the second an overlay on thin paper, ink and watercolour, scale 100 teet to an inch, signed "London 8th April 1773. John Marr Sub Engineer and Lieutenant," both 480 x 690mm, small hole at loot of second

Together with 8pp of autograph "Remarks on Lieutenant John Marr's Project No. 3 for a Citadel at Quebec, shewing Wherein it differs from the former Projects . . . " by John Marr; and a 2pp a.l.s. from Marr, 9th April 1773, to Lord Catheart, laying before him "the Brouillon copy of my third project for citadel at Quebec with some remarks to explain the same both which are necessary to the proper perusal of No. 4 which I laid before you this morning; and I request you Lordship after perusal of them, to

send them, if you please, to Lord Dartmouth . . ."

John Marr's work on the Quebec fortifications is part of a series of proposals for the defence of the Cape Diamond on the Heights of Abraham, Early plans were put forward by Captain Harry Gordon from 1767-9. John Marr worked with Gordon on these projects and from 1771 proposed his own ideas. The accompanying letter to Lord Catheart, requesting him to pass the plans onto Lord Dartmouth (Secretary of State for the Colonies). would appear to by-pass the Governor-in-Chief of Quebec. General Guy Carleton, who was then resident in Britain.

although continuing to hold his post

TOTAL MAPS & ATLASES 20

CHRISTIE'S, 14th JULY 1982 (PREMIUM 8%)

61 AMERICA: A collection of 11 engraved maps on 22 sheets, including 6 charts, the maps hand-coloured in outline, most with title cartouches (some offsetting), all mounted on guards and bound in modern tan blind-tooled morocco, red morocco label and gilt library stamp on spine, large folio

mprising.

MITCHELL (J.): A MAP OF THE BRITISH & FRENCH
DOMINIONS IN NORTH AMERICA, large map in 8
sections [each approx. 700 x 500mm.] joined to form 2 folding sheets with inset map of Hudson's Bay and Labrador (slightly damp-stained and spotted in places). 1755
JEFFERYS (T.): A MAP OF THE MOST INHABITED

PART OF NEW ENGLAND, 4 sections joined to form 2 sheets (one sheet with marginal tears repaired), 1755
3. JEFFERYS (T.): THE WEST INDIES, 2 sections [each

approx. 700 x 960mm.] joined to form one folding sheet (upper margin stained, marginal tears repaired), R. Sayer

4. BOWEN (E.) & J. GIBSON: AN ACCURATE MAP OF NORTH AMERICA DESCRIBING . . . THE BRITISH, SPANISH AND FRENCH DOMINIONS, 2 folding sheets [each approx. 580 x 1150mm.] with inset map of Baffin & Hundson's Bay, n.d.

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SOUTH AMERICA INCLUDING THE ATLANTIC

SOUTH AMERICA INCLUDING THE ATLANTIC, 6 double-page sheets (no. 6 discoloured), n.d.

7. JEFFERYS (T.): A MAP OF THE MOST INHABITED PART OF VIRGINIA CONTAINING THE WHOLE PROVINCE OF MARYLAND, NEW JERSEY AND NORTH CAROLINA, DRAWN BY JOSHUA FRY & PETER JEFFERSON, 2 folding sheets [each approx. 540 x 1240mm.] (sheet 2 dust-soiled and repaired at fold), 1751 & IEFFERYS (T.): THE PROVINCE OF SHEW YORK AND

DEFFERYS (T.): THE PROVINCE OF NEW YORK AND NEW JERSEY WITH PART OF PENSILVANIA AND THE GOVERNMENTS OF TROIS RIVIERES AND MONTREAL DRAWN BY CAPT. HOLLAND, 2 double-page sheets [each approx. 540 x 710mm.], n.d. JEFFERYS (T.): A GENERAL MAP OF THE MIDDLE

BRITISH COLONIES IN AMERICA, double-page 1535 x

10. JEFFERYS (T.): A NEW MAP OF NOVA SCOTIA AND CAPE BRITAIN WITH THE ADJACENT PARTS OF NEW ENGLAND AND CANADA, double-page [565 x 35mm.l. 1755

11. JEFFERYS (T.): CHART OF THE ATLANTIC OCEAN WITH THE BRITISH, FRENCH & SPANISH SETTLEMENTS IN NORTH AMERICA AND THE WEST INDIES, double-page [540 x 700mm.] with 2 small maps attached showing the Claims of the French in 1756 and the French Dominions as proposed by M. de Bussy in 1761,

62 BLAEU (W. & J.), N. VISSCHER and others: [ATLAS OF THE LOW COUNTRIES], a collection of 90 maps, plans and views, all finely coloured by a contemporary hand and heightened with gold, mounted on guards, printed 'Register' of contents bound at the end, illuminated initials in the text, contemporary vellum. sides panelled in gilt with central gilt ornament enclosing the Blaeu device, g.e., folio
A SUPERB ATLAS WITH BRILLIANT CONTEMPORARY

COLOURING AND LAVISH GILT HIGHLIGHTING, made up from different works, the titles bound together at the front the followed by the maps, bound in the order listed (one lacking) and including 2 halfpage maps not listed, comprising:

BLAEU: DERDE STUCK DER AERDRYCKS-

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PROVINCIARUM GEOGRAPHICAE GENERALIS, handcoloured engraved title heightened with gold (laid down) and 10 double-page engraved maps (of 20) [Koeman III, Vis 10] [1684] And 44 miscellaneous maps and plans, all double-page, as follows 20 by Visscher, 8 by Sansom, 6 by Jaillot, 6 by de Wit, Allard, Verbiest, Vaultier and Wolfgang; MANUSCRIPT MAPS in ink and watercolour, unsigned, of TOURNAY and ST. AMAND: table of distances, with fine cartouche, by J. ROBYN: and LARGE FOLDING VIEW OF BRUSSELS, with 3 cartouches, within gilt within gilt frame [400 x 1170mm.] (mounted), by A. SANTVOORT

63 BLAEU (WILLEM & JAN): LE THEATRE DU MONDE OU NOUVEL ATLAS, vols, I-IV in 6, 5 engraved titles with printed overslips and 336 engraved maps (of 337), with title cartouches, inset arms, sailing ships, &c., mounted on guards (librury stamps on titles, some text leaves and blank margin of one map), nineteenth century half morocco with gilt library stamps (joints and corners rubbed), vol. I not uniform, bound in modern half morocco, folio, Amsterdam, 1638-48 Comprises:

Vol. 1: 2 parts in 2 vols. (lacking second engraved title), 119 maps of Germany and Northern Europe (of 120, lacking the map of Europe), all, except the map of Gelderland, double-page (one

map spotted and 4 maps with tears repaired), 1638 [Koeman I, B

Vol. II: 2 parts in 2 vols., 2 engraved titles and 93 double-page engraved maps of France, Spain, Asia, Africa and 15 maps of America (Americae nova Tabula a little rubbed at centre). 1640 [Koeman I, Bl 17]

Vol. III: engraved title and 66 maps of Italy and Greece, including the 4 supplementary maps of Great Britain, all double

page except the maps of Corsica, Elba, Crema and Sardinia (occasional marginal spotting), 1640 [Koeman I, Bl 35C]
Vol. IV: engraved title and 58 maps of Great Britain all, except one, double-page, engraved illustrations of Stone-Henge in the text (Radnorshire with tear repaired), 1648 [Koeman I, BI 42C] £11.556i6

64 BOWEN (EMANUEL), THOMAS KITCHEN and others. THE LARGE ENGLISH ATLAS or a new set of maps of all the countries in England and Wales, titles in red and black in English and French and 47 double-page engraved maps, hand-coloured in outline with title cartouches, dedications and some with inset views, mounted on guards, contemporary half russia (spine and corners rubbed and worn), large folio, R. Sayer, n.d. [circa 1760]

65 BOWEN (EMANUEL), THOMAS KITCHEN & others: A collection of 34 double-page engraved maps of the Counties of England and Wales, most hand-coloured in outline with titlecartouches etc. (no title, occasional minor marginal soiling), mounted on guards, contemporary half calf (rubbed and worn), large folio

Thirty-two of the maps are first or early editions by Bowen and. Kitchen, later published in *The Large English Atlas*, bearing the imprint of J. Hinton or J. Tinney and dated 1749-56 [cf. Chubbs CXCV]. Also included are two uncoloured and undated maps of Middlesex and Hertfordshire by JOHN WARBURTON AND Middlesex by R. W. SEALE

66 CAMDEN (WILLIAM): BRITAIN or a chorographicalli description of the most flourishing kingdomes England, Scotland: and Ireland, translated P. Holland, FIRST EDITION IN ENGLISH, engraved plates of coins and 55 only (of 57) engraved maps, most double-page (edges of map of Cornwall torn and defective, repaired; map of Sussex laid down; lacking maps of Rutland and Kent), old half calf (joints repaired with sellotape) [Chubb XIX], folio, G. Bishop & J. Norton, 1610

The maps, reprints from the Latin 1607 edition, are engraved by William Hole and William Kip from the surveys of John Norden, Christopher Saxton and George Owen

GUICCARDINI (LUDOVICO): DESCRIPTION DE TOUTS LES PAIS-BAS autrement appellés la Germanie Inferieure ou Basse Allemagne, engraved allegorical frontispiece, title and 2 following pages with engraved borders, 75 engraved maps, town plans and views on 71 plates, many double-page (lack plates at pp. 196 and 326; some water-staining; tear in s⁴) eighteenth century speckled calf (slightly worn) [Adams, G 1539] folio. Antwerp, C. Plantin, 1582

MERCATOR (GERARD) & JODOCUS HONDIUS ATLAS OR A GEOGRAPHICKE DESCRIPTION OF THE REGIONS, COUNTRIES AND KINGDOMES OF THE WORLD . . . translated by HENRY HEXHAM, 2 vols., 2 engraved titles each with printed overslips (overslip to first title detached), double-page portrait of Mercator and Hondius and 193 double-page engraved maps with title cartouches, inset arms. sailing ships, etc., mounted on guards (some browning and staining throughout, some maps slightly mildewed at fold, occasional small tears at fold; library stamps on titles and last leaves), modern green morocco-backed boards | Koeman II. Me 41a), folio, Amsterdam, by Henry Hondius and John Johnson,

ORTELIUS (ABRAHAM): [THEATRUM ORBIS TERRARUM] (lacking engraved title), engraved portrait of Ortelius and 147 double-page engraved maps with title cartouches sailing ships, sea monsters, inset plans, etc. (world map with small split at bottom of centre fold and small tear in lower margin repaired, 3 maps with slight stains affecting cartouche), nineteenth century half vellum, folio [412 x 295mm.] [Koeman III Ort 29]. Antwerp, 1595

Apart from the minor faults mentioned above, the condition is generally very good. Only the *Nomenclator* is dated 1595. The maps include 24 from the *Parergon* and 15 from the *Additamen-*

70 PTOLOMAEUS (CLAUDIUS): COSMOGRAPHIA [translated by Jacobus Angelus, edited by Nicolaus Germanus] REGISTRUM [by Johannes Reger], 115 leaves (of 140, lacking 2 blank leaves and separate section 'De locis ac mirabilibus mundi), and 32 LARGE WOODCUT MAPS, ALL FINELY COLOURED by a contemporary hand, all except the last double-page, gothic letter, double column, 44 lines, large hand-coloured woodcut initials (tear in text of A2 with loss of portion of 3 lines, very minor tear in map of England, captions and side-notes on ten maps shaved without affecting the actual maps, borders of 3 maps just shaved, four small worm-holes in last map), conterts of 3 maps marginal ms notes in ink, nineteenth century paper boards (spine lacking) [HC 13540; BMC II-540; Klebs 812.6; Schramm VII p. 14; Goff P-1805], folio (410 x 285mm.) [Ulm, Johannes Reger, 21 July, 1364]

The second edition printed in Germany with THE MAPS COMPLETE AND IN REMARKABLY FINE CONDITION AND COLOURING. The maps are probably printed from the

£4800

same blocks as the first 1482 edition, but have been supplied with woodcut headlines and a new text on the verso; according to Tooley, Maps and Mapmakers p. 6 the map of Germany shows

some additions to the earlier edition.

The collation runs A-B⁸ C ¹⁰ DE⁸, a ¹⁰ b-i⁸ (lacking the first blank A1, and the additional a-c⁸ containing *De locis ac mirabilibus* mundi, the first leaf blank and with the colophon at end). The 32 woodcut maps, all except the last double-page, comprise:

Map of the World (signed by the engraver Johannes Schnitzer de

Arnescheim); 10 maps of Europe, including Britain, France (3 maps), Spain, Germany, Prussia and Scandinavia (including first delineation of Greenland), Hungary and Illyria, Italy (2 maps), Sardinia and Sicily, Sarmatia, Datia, Greece; 4 Maps of Africa; 14 maps of Asia, including a fine map of the Holy Land and maps of Arabia, India and a half-page map of Ceylon

71 RATELBAND (JOHANNES): KLEYNE EN BEKNOPTE ATLAS OF TOONEEL DES OORLOGS IN EUROPA, title printed in red and black and 225 hand-coloured engraved maps, plans, views and plates by Da Feuille, including 5 folding, modern calf, oblong folio (200 x 320mm.) [cf. Koeman III, Rat 2]; Amsterdam, J. Ratelband, 1735

72 SPEED (JOHN): [THE THEATRE OF THE EMPIRE OF GREAT BRITAINE]. FIRST EDITION. 2 parts (of 4) in one vol., 49 double-page engraved maps (of 67, lacking 10 maps of England, 2 of Wales, all maps of Scotland and Ireland, titles and all preliminaries; 10 English maps with small stain at upper fold; some blank margins neatly restored and repaired; 'Surrey' and 'Leicester' with slight loss of printed border, all the maps of Wales with marginal defects and slight loss, neatly repaired), modern blind-tooled brown levant morocco [cf. Chubb XXII], folio, Sudbury & Humble [most maps daded 1610] Apart from the faults mentioned above, the maps are generally very clean and consist of 37 maps of the English counties and 12 of

very clean and consist of 37 maps of the English counties and 12 of

TOTAL MAPS & ATLASES 37

PHILLIPS, 22nd JULY 1982 (PREMIUM 10%)

73 ZATTA (ANTONIO): Atlante Novissimo, vol.s 1, 2 and 4,

106 hand-col. maps with cartouches, hf. cf., folio, Venezia, £1100

TOTAL MAPS & ATLASES 54

large folio, Paris, 1757

and 47 shaved, otherwise a clean copy), contemporary calf (worn),

TOTAL MAPS & ATLASES 15

A.L. VAN GENDT & CO., B.V., AMSTERDAM, 20th-22nd SEPTEMBER 1982 (PREMIUM 20%)

74 (DANCKAERTZ, C., Historie van den oorlooge, ghevoert in Duytschlandt door Gustavus Adolphus, Coninck der Sweeden. Amst., 1642). Disbound, folio. (4000) = A mediocre and incomplete copy; the beginning badly waterdamaged, water and dampstained throughout. The following plates and maps, although to be washed and some needing slight restoration, are still in acceptable condition: Stralsund, Bois-le-Duc, Wesel, Sarganz, Hanau, map of Brandenburg, Wolgast, Penemunde Cazal (2x), Frankfurt on the Oder, Testau, Spandau/Rattenau, Magdeburg, Tangermunde, Werben, map of Zealand Flanders (with parts of Flanders, Brabant & Zealand), Ysni, Erfurt, map Franconia Ducatus, Würzburg, Aschaffenburg/Steinheim, map of Bohemia, Frankfurt on the Main, Oppenheim, Mainz, Mannheim, Ulm, the Vesuvius. Kreutznach, Bacharach, Gustavsburg, Bamberg, map vesuvius. Neutzmath, Batharden, distausvourg, Bamborg, mus of the Palatinate, Donauwerth, Leutkirch, Ingolstadt, Munich, Nuremberg, Altenberg, Coblenz, Wiseloch, map of Silesia, Maastricht, Leipzig, map of Saxony, Benfeld, Frankenthal, Cologne and some plates of battles. – The greater part of the plates is double-page, some are fold., some single-page. – Sold w.a.f., not

TOTAL MAPS & ATLASES 7

CHRISTIE'S, 29th SEPTEMBER 1982 (PREMIUM 8%)

75 ROBERT DE VAUGONDY (GILES & DIDIER): ATLAS UNIVERSEL, engraved pictorial title (portion torn from lower blank margin), 108 engraved maps hand-coloured in outline, mounted on guards, engraved title cartouches, (frames of maps 4 F. DÖRLING, HAMBURG. 25th-27th MAY 1982 (PREMIUM 15%)

76 COLOMBIA – NUEVO REINO GRANADA. -Handgezeichnete Landkarte, in dunkelbrauner Tinte, 1607. Außerge wöhnlich rares Dokument, wiches auch in den großen lateinamerikanischen Archivsammlungen in einer so fruühen Datierung und ähnlicher Art nich vorkommt. Alle Karten diser Periode beschränken sich auf Stradtpläne bzw. kl. Provinzen. Die Karte, die die meister Ahnlichkeit mit unserer Karte aufweist. liegt im ,,Archivo General de Indias (Madrid)." Diese wurde für inegrim "Archivo General de Indias (Maorid). Diese wurde und "Audiencia de Santa Fe" angeferitgt u. ist mit 1601 datiert; sie verfolgt allerdings nur den Lauf des Magdelan-Flusses bis Maraquita (Nr. 24 in Lanzas). – Siehe auch J. Acosta. Descubrimiento y Colonizacion de la Neuva Granada (1942): V. Cortes, Catalogo de Mapas de Colombia (1967); P. T. Lanzas. Relacion Descriptiva de los Mapas de las Antiques Auciencias (1904); E. Uricoeches, Mapoteca Colombiana (1860). - Die Karte cziegt einen detaillierten Paln des gesamten Flußtales, des Rio Grande de la Magdalena bis zu San Juan de las Llanos im Süden, bis Panama in Western u. bis Venezuela im Osten. Die Indianersiedlungen sind mit kleinen Zeichen (Kathedrale) angedeutet, die Windrose zeigt Osten u. Western vertauscht. Der angedeuter, die wilhtigsbegin Stein L. westerin verlauseit. Der Gesamteindruck läßt vermuten, daß das Blatt zum perönlichen Gebrauch eines Händlers oder Missionars bestimmt war. – Durch die Entdeckungsreise des Gonzalo Jiminez de Queseda nach Bogotä um 1536/37 wurde der Name "Neu-Granada" den Binnenlandgebiten des heutigen Colombia Gegeben. Im zweiten Drittel des 16. Jh. führten die weiteren Entdeckungen eines Neffen Quesdas, Herman Perez de Quesada, sowie anderen zur Gründung zahlreicher Kleinstädte in dem Gebiet ((siehe Acosta).

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2.00 p.m. "Starting A Collection"

The collector's view ... by David Smith (author of "Antique Maps of the

The dealer's view ... by Jonathan Potter (Jonathan Potter Ltd)

(For details of assembly point contact Malcolm Young, IMCS Chairman

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Cary. New and Correct English Atlas, 1787. Camden's Britannia, 1695.
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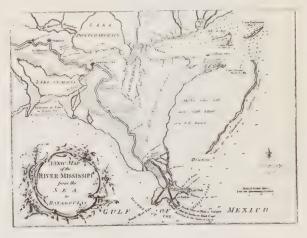
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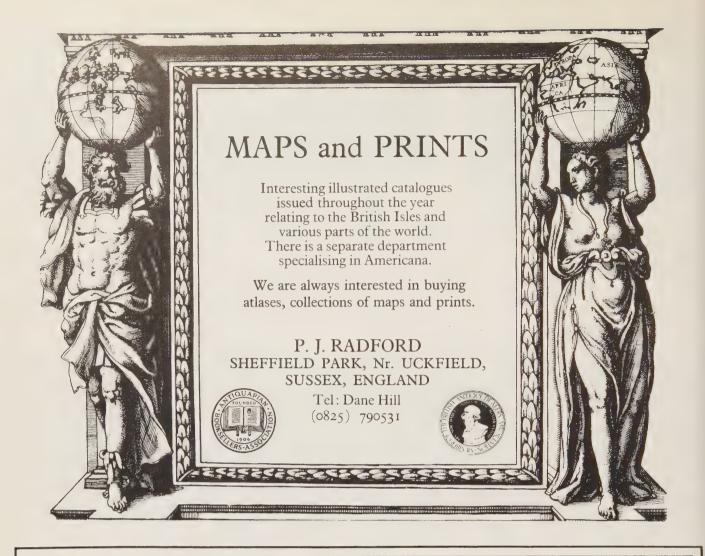
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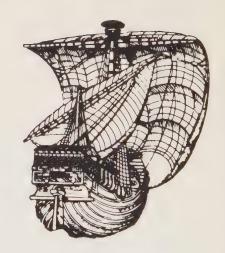
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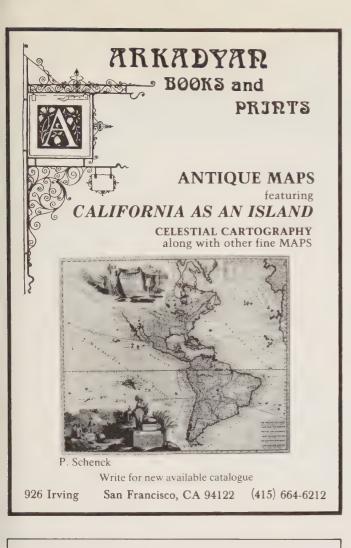
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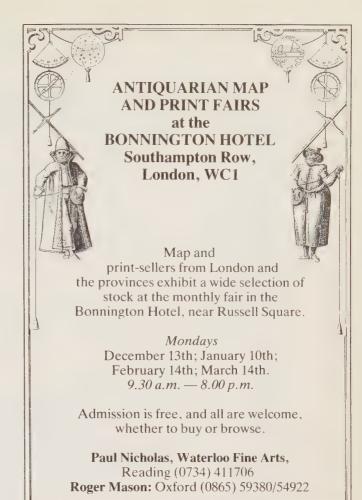
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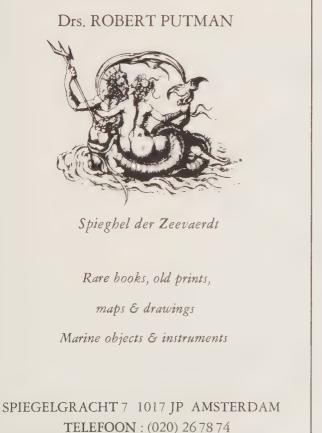
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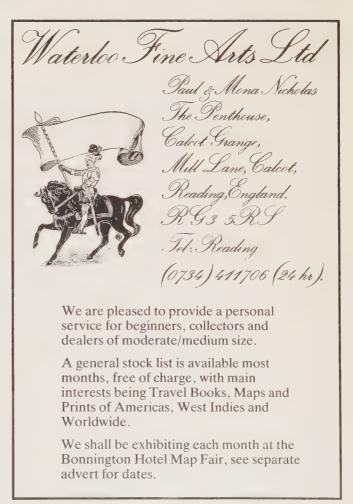
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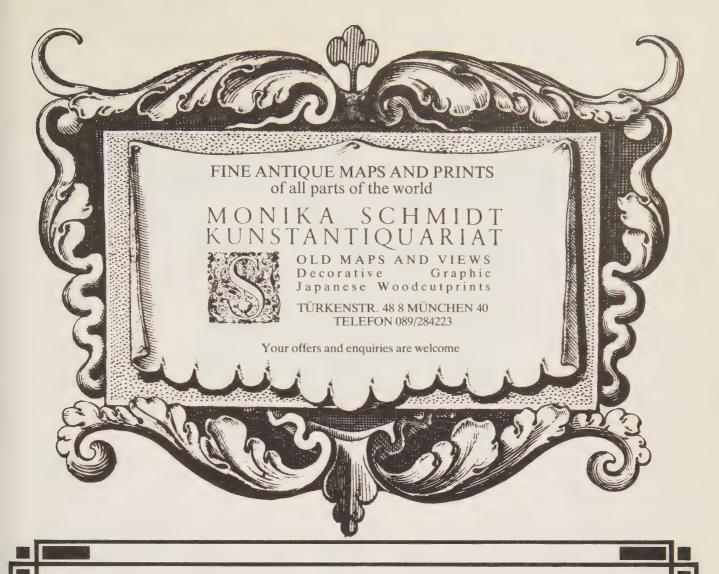
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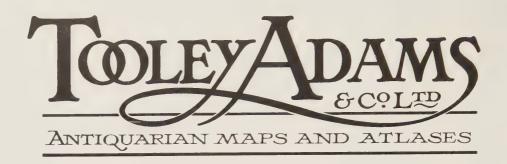
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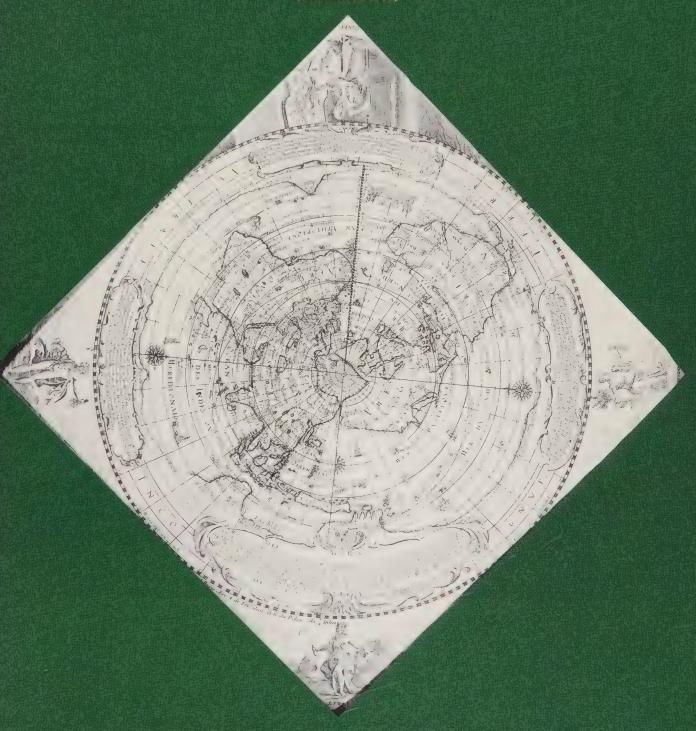
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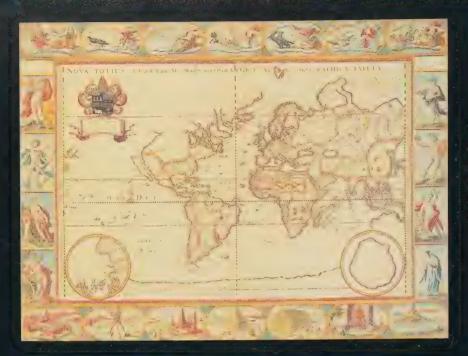


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No index has ever satisfied everybody. The compilers of the three main indexes which follow have kept one single aim in view: to anticipate the enquiries of *The Map Collector's* varied readership, whether the point of entry be an area, a theme or a person. Bearing this practical intention in mind, the numerous passing mentions and ephemeral references that would have muddled this purpose (and provided the reader with nothing but frustration) have been omitted. There is no need of padding to demonstrate the wide range covered by *The Map Collector* in its first five years of publication. As an incidental benefit, the Index of People identifies all those maps illustrated in both text and advertisements (though repeated advertisements are not noted). This visual guide should prove useful, among other things, to fit a face to some of the unillustrated maps described in dealers' and auctioneers' catalogues. A word is in order about each of the three indexes:

Geographical Index. A thorough listing of places is obviously essential for all those who collect or study the cartography of a particular region. Early maps often combine several of today's political entities, however, so a geographical sequence has been devised to bring all the possibilities close together.

Index of People. This is both selective and inclusive. References to people have only been picked up where there was something to be learnt about them; but every map reproduced in the twenty issues has been recorded.

Subject Index. Since this is inevitably a highly subjective exercise, the identified topics have been gathered into a separate index of their own. This invites a general scan, and one which might reveal unexpected delights.

Abbreviations

ad; ads advertisement(s)
bc back cover
fc front cover
ibc inside back cover
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ill., ills illustration(s)

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