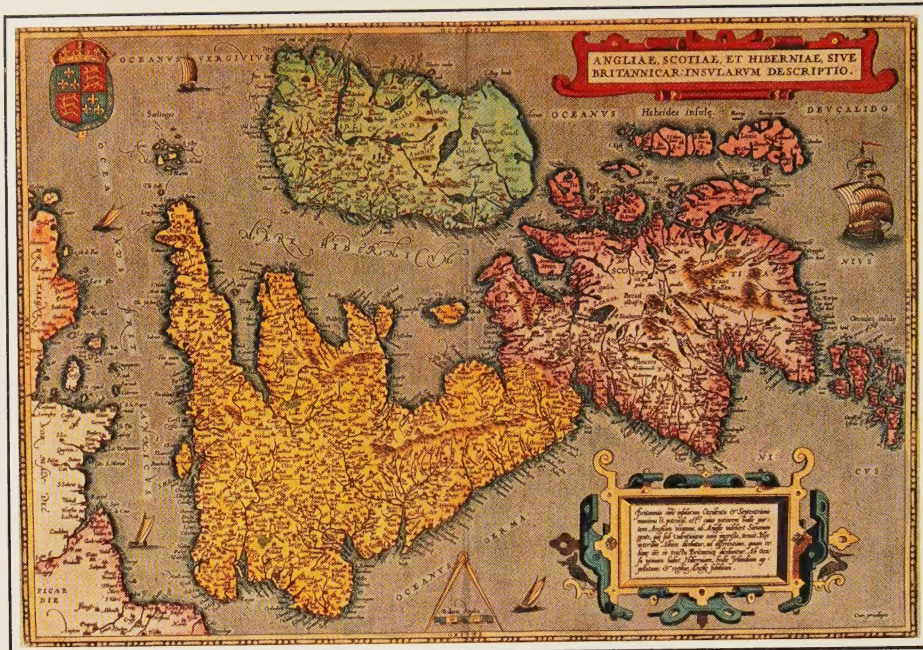


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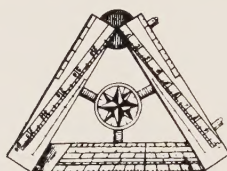


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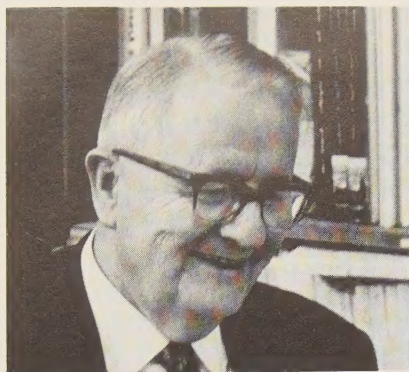
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This delightful map of New Zealand entitled 'La Nuova Zelanda trascorsa nel 1769, e 1770. Dal Cook Comandante dell' Endeavour Vascello di S.M. Britannica' appears as Plate 16 in Antonio Zatta's *Atlante novissimo Tomo 1* - Venice 1779.



RONALD VERE TOOLEY

Editorial

WE HAVE MANY subscribers across the Atlantic in the United States and this is one of the reasons we have invited Dr Walter Ristow, who retired two years ago as Chief of the map library at the Library of Congress in Washington DC, to be an additional editorial adviser to 'The Map Collector.' We are very pleased that he has agreed and is already contacting potential authors and map societies in his home country. Dr Ristow is a prolific author himself and has contributed to many journals including our own (See Issue 7, p 2; Issue 10 p 14).

This is very topical as our September issue will have a distinct American flavour. We hope to devote occasional future issues to other parts of the globe and would be pleased to receive contributions from readers and map societies or dealers with this in mind.

I feel I must make a comment on Sotheby's auction sale (April 15, London). It was such a large sale that it brought buyers from Belgium, France, Germany, Holland, Italy and some American dealers. However, there were some curious abstentions with famous names missing. It was a very unequal sale — too much to digest at once — with many bidders holding back for particular items and so not competing for others. Many desirable items were in a poor state or damaged. Nico Israel of Amsterdam bought some fine manuscript portolan charts but the most expensive item, a Lafreri atlas, was bought by a mystery buyer for the very high price of £140,000. There are over fifty known collections of this kind with at least eight in Great Britain.

We are sure you will be fascinated to read Phil Barton's account of the history of the mapping of New Zealand. This is the first time he has written for us. He is Map Librarian at the Alexander Turnbull Library the only full time post of its kind in New Zealand. His main interests are New Zealand history — particularly the early period and exploration, New Zealand archaeology, navigation, tramping and mountaineering and the outdoors generally.

One of our contributors has suggested that we have a page where collectors could display their unidentified maps and ask for other readers' help in identification. If this is a service you would like us to supply do please write in and let us know.

We trust that our readers will enjoy the present season, acquire some desirable items and find pleasure in their reading 'drawn by a natural love of pictures and mappes.'

Note that we have a new distributor of the magazine in New York, Walter Reuben Inc. 667 Madison Avenue.

We regret that the airmail rates for the magazine have gone up but we are just passing on increased postal charges. The basic subscription price remains the same despite the fact that we are incurring increased printing costs.

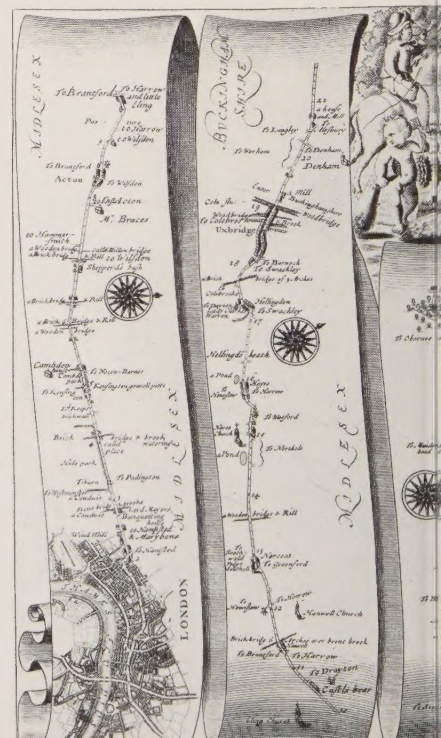
John

by Ralph

In response to requests from readers for information on some of the better known cartographers, we are pleased to publish this article by Ralph Hyde of the Guildhall Library in London. However, even those who are already familiar with Ogilby's colourful life story will find this worth reading as Ralph reveals little known facts about both Ogilby's life and work.

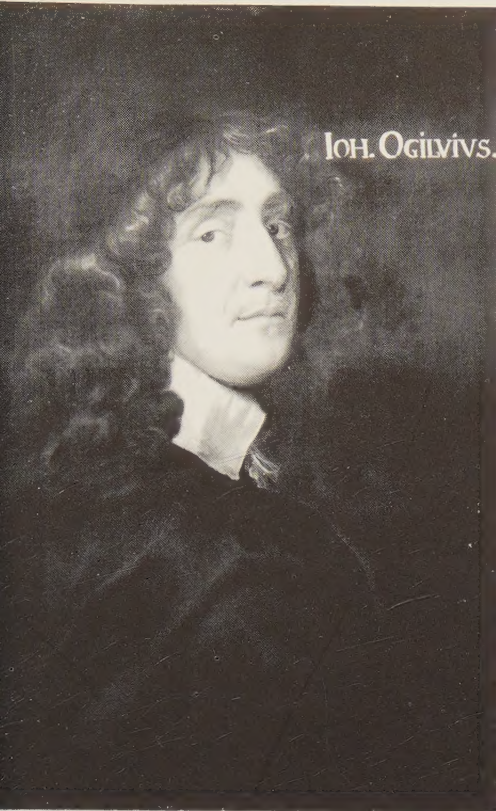
IN THE SMALL hours of the morning of 2 September 1666 a fire broke out in a baker's shop just north of London Bridge. Thanks to the dry summer and a strong wind the fire took hold, at first spreading slowly, then rapidly. Four days later two thirds of the City of London lay in ruins. Amongst those who picked their way through the smoldering rubble would have been the 'Master of the King's Revels in Ireland', John Ogilby. Prior to the catastrophe, when not managing Dublin's Smock Lane Theatre, Ogilby had published large, sumptuous translations of the classics at premises in King's Court, Shoe Lane, off Fleet Street. Now his London premises were no more; his stock of fine books and even his manuscripts were reduced to ashes. Aged 66, a sick man, Ogilby was 'almost quite despairing' (he states in his *Africa* atlas) and small wonder. The extraordinary thing is that within three years he was re-established and confidently announcing to the world his intention to publish the largest multi-volumed international atlas that had ever been attempted in England. *Britannia Volume the First* is the best known of these volumes; its strip road maps featured repeatedly in auction rooms and map-sellers' catalogues. The following notes represent an outline portrait of this remarkable eleventh-hour mapmaker.

John Ogilby was born in 1600 in Kellemeune, approximately ten miles north of Dundee. By 1606 the family had moved to London where John Ogilby senior contracted heavy debts. The young Ogilby was apprenticed to a dancer, but whilst performing before James I in the Duke of Buckingham's masque 'by misfortune of a false step when he came to ground, did spraine a veine on the inside of his leg, of which he was lame ever after.' He opened up his own dancing school in Spread Eagle Court opposite Gray's Inn, and his pupils included, so it is said, the children of Thomas Wentworth. Conceivably it was as their dancing master that he transferred his activities to Dublin. There, with the encouragement of Wentworth, now Earl of Strafford, he built a theatre in St. Werburgh Street, stocking it and bringing over from



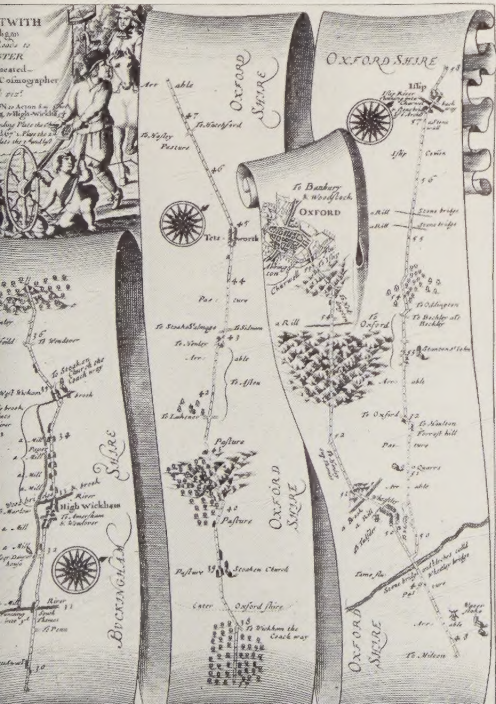
Ogilby's Eleventh Hour

Hyde

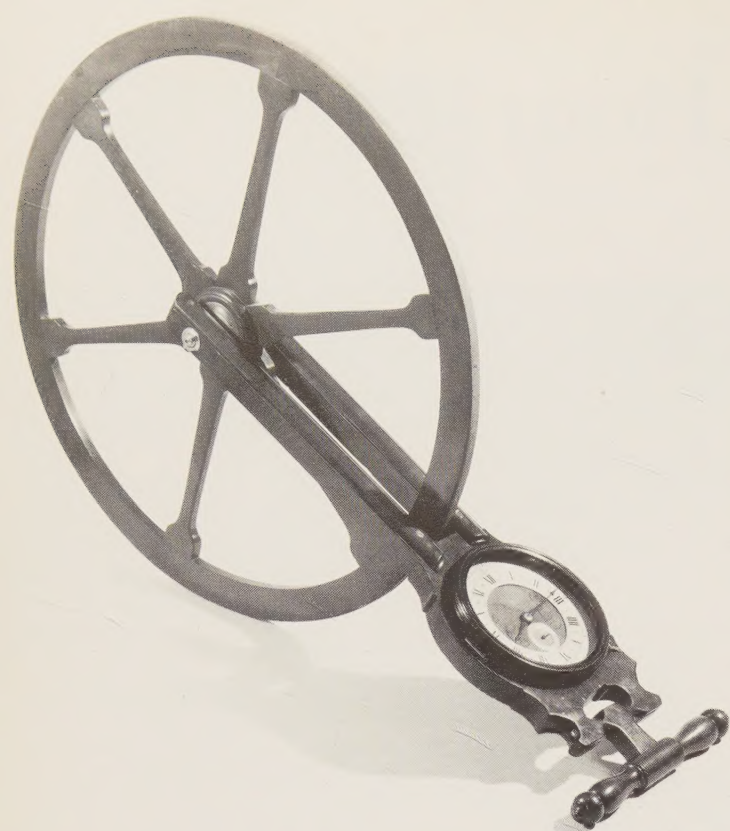


A portrait of John Ogilby, 1600-1676, by Sir Peter Lely.
By courtesy of the Bodleian Library, Oxford.)

A strip map showing the road from London to Aberystwyth
from *Britannia Volume the First*, 1675. (Photo by John Webb.)



The engraved title page for Ogilby's *Britannia Volume the First*, 1675, drawn by F. Barlow and engraved by Wenceslaus Hollar. This allegorical frontispiece combines many of the elements of the surveying techniques used in the reign of Charles II. For example, in the middle distance can be seen surveyors using a waywiser and two equestrian figures are using what appears to be a sheet of one of the strip road maps. The cherubs at the top display the type of maps shown by Ogilby in his road books: the strip road map, town plan detail on many of the strip maps and a section of the general road map of England and Wales. The quality of Hollar's line work brings this frontispiece to life. Hollar also engraved the decorative initials to the text many of which incorporate allegorical scenes. (Photo by John Webb.)



This waywiser is almost identical to the instrument which would have been used by Ogilby for his surveying. It is beautifully made in mahogany and has what appears to be a clock face but in fact is a measure for poles and furlongs. The tiny dial measured the links and chains. The waywiser was used by simply being pushed along and the dials are a combination of clockwork, maths and geometry. This particular one, believed to date c1720 belongs to M.V. Tooley. (Photo by John Webb.)

England a company of actors and musicians. James Shirley was amongst those who joined him. Shirley wrote at least one play, *St. Patrick for Ireland*, with the interest of the Irish audience in mind. Ogilby, for his part, wrote verses for Shirley's *Royal Master*. In 1641, with the Irish Rebellion, the St. Werburgh theatre was closed down, 'falling into utter ruin by the calamities of those times,' and putting Ogilby, according to his own account, at least £2,000 out of pocket. In the same year Strafford was executed on Tower Hill. Ogilby returned to England six years later, almost penniless.

Now, 'being left at leisure from former employments belonging to the quiet of Peace,' Ogilby embarked on a career as a translator, 'reducing into our Native Language the Great Master and Grand Improver of that Tongue, Virgil.' This volume when it appeared in 1649 was well received. Ogilby felt sufficiently encouraged to explore next the world of Aesop, 'where Beasts also spoke and Birds sat chanting in every Tree.' His paraphrases of Aesop's *Fables* in 1651 were to establish Ogilby as a minor poet.

In 1650 Ogilby married and moved into a house in King's Head Court, Shoe Lane, off Fleet Street. He took lessons in Greek from David Whitfield, at that time usher to James Shirley, and was able in consequence, to produce a verse translation of Homer's *Iliad*, adorned with plates by Hollar and other eminent engravers. Then, considering it 'Religious and part of a good Christian to do something for God's sake,' he produced a Bible, 'the largest and fairest Edition that ever yet set forth in any Vulgar tongue.' Pepys found it a great labour 'to stir up and down.' Most of the plates for it were borrowed from the Dutch firm of Visscher, but its sensational long prospect of Jerusalem was engraved for it by Wenceslaus Hollar.

On Charles II's accession in 1660 Ogilby was instantly in royal favour. The Corporation of London commissioned him to compose the speeches, songs, and inscriptions for the City's Coronation pageant. The event was described in Ogilby's *Relation of the Entertainment of His Majesty, Charles II, in the Passage Through the City of London to His Coronation*. The King officially appointed him Master of the King's Revels in Ireland, and Ogilby set about establishing a new theatre in Dublin in Smock Alley (now Essex Street West) behind Blind Quay (now Lower

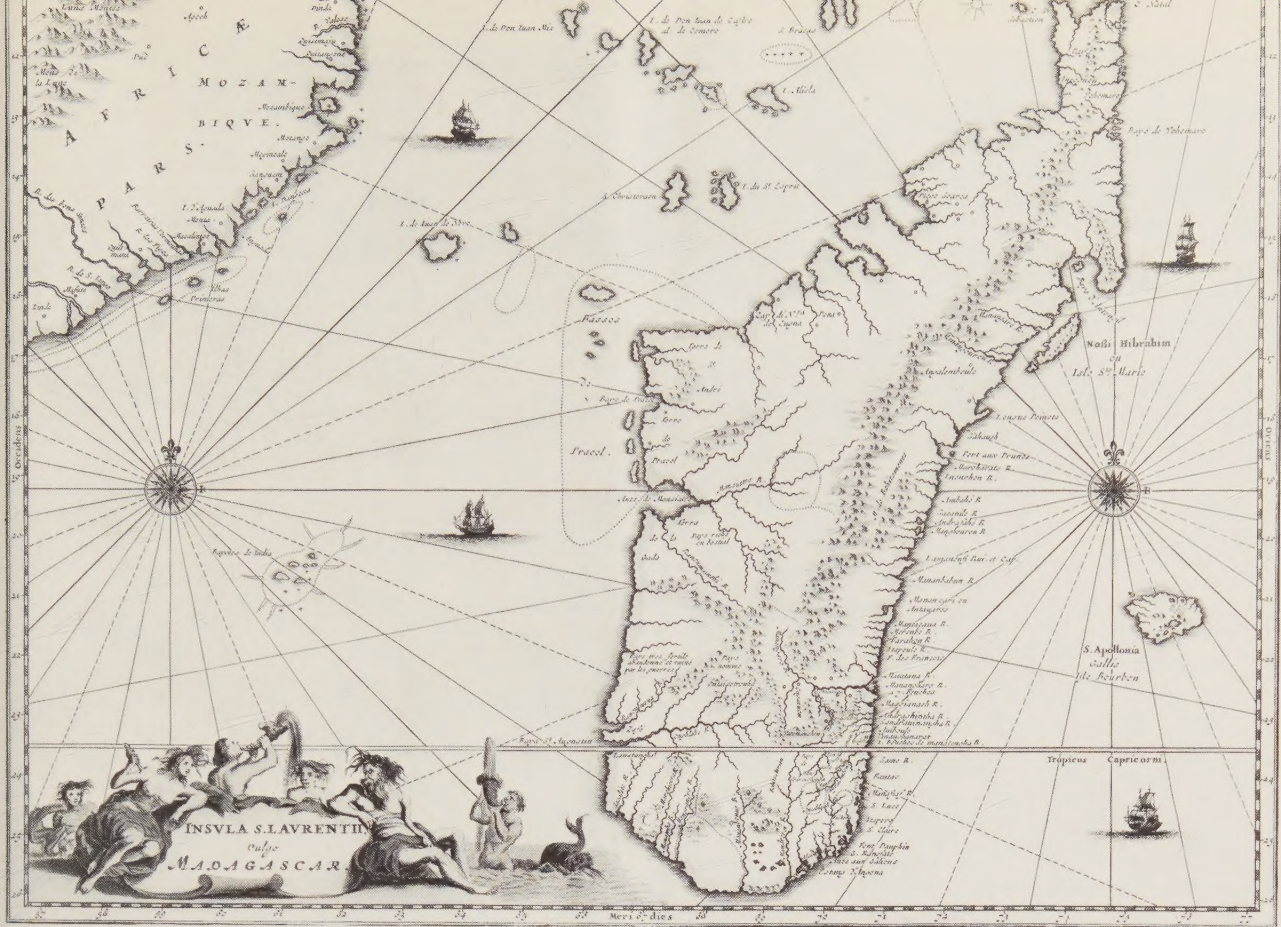
Exchange Street). 'I took a turn to the [Smock Alley] Playhouse', wrote the bookseller John Dunton. 'To give the Devil his due there are some actors here in no way inferior to those in London, nor are the spectators... one degree less in vanity and foppery.' To demonstrate his devotion to the Stuart cause Ogilby during this period composed the *Carolies*, an epic poem in twelve books, extolling the life and martyrdom of Charles I. This poem, together with his stock of books, was lost in the Great Fire.

Ogilby's first books after the Great Fire were elaborate geographical and topographical works ('books of wonders'), illustrated with fine plates by the foremost engravers. The first to appear was *An Embassy from the East India Company of the United Provinces to the Grand Cham Emperour of China*. This was followed by *Atlas Japanniensis, Being Remarkable Addresses by Way of Embassy from the East India Company of the United Provinces to the Emperour of Japan*. Neither work was original: most of the information in them was translated from the Dutch and most of the plates were copied.

Ogilby's cartographic career may be said to have begun in earnest on May 10, 1669 when he issued proposals for an international *English Atlas* in five volumes. According to his first plan a volume dealing with Africa would constitute the first volume, America the second, Asia the third, Europe the fourth, and Great Britain the fifth. As the project developed, so it was modified and adjusted. In June 1670 Ogilby announced that priority would be given to Great Britain. In November 1671 he promised that this section of the atlas — which he referred to as 'Britannia' — would contain road maps and maps of the counties. In about February 1672 he issued a fresh prospectus entitled: 'Mr. Ogilby's Design for Carrying on his Britannia.' In this he stated that the Britannia section of the project was to consist of no fewer than six volumes. The first four would consist of a geographical and historical description of England and Wales and would be accompanied by county maps; the fifth would be an ichnographical and historical description of all the principal roadways of England and Wales, and the sixth would be 'a New and Accurate Description of the famous City of London, with the perfect ichnography thereof, according to its Six and Twenty Wards, in a fair large volume, Illustrated with the Scenography of all Eminent Buildings and Places belonging thereunto.' The whole work would be accompanied by four large maps of England, a plan of the City of London, and a plan of the City of Westminster, 'curiously and accurately performed beyond whatever has yet been attempted for any city of the Universe.'

Of the intended foreign atlases Ogilby succeeded in completing Africa, America, and part I of Asia. Europe was never compiled. These volumes were all travel descriptions rather than atlases in the modern sense. *Africa*, translated from a work by Dr. Oliver Drapper, appeared in 1670, with a preface consisting of Ogilby's autobiography. In his dedication to Charles II the 70 year old Ogilby reports 'a Spring of Youthful Vigour' warming in his veins. *America* appeared in 1671 (though some copies of it have 1670 on their title-pages). This work was translated mainly from Montanus. It is considered the best of Ogilby's foreign atlases. The maps of America, Maryland, Carolina, Jamaica, and Barbados, besides appearing in this volume, were also marketed separately.

By 1672 the Corporation of London had been informed of Ogilby's intention to compile a description of the City and to produce 'a new and most accurate Survey of the City of London and Libertyes thereof then hitherto hath been done.' No new descriptive survey of the City had been attempted since John Stow's in tudor times. The disaster of the Great Fire, and the problems associated with the rebuilding of the City, may well have convinced the City Fathers also of the benefits of a dependable large-scale cartographical survey. Moreover, the reconstruction of the City was now well under way. It was natural then that the aldermen should want to proclaim their modern new city in a large, spectacular wall map. They were happy to provide the protection that was needed, announcing: 'John Ogilby shall proceed in the said Worke without interruption or molestacioun of any other persons that shall or may attempt the same design...' They also appointed a committee to vet all drafts prepared, donated £200, and promised a further £100 on completion as an



Map of Madagascar (today the Malagasy Republic) from Ogilby's Africa, 1670. (Photo by John Webb. By courtesy of Robert Douwma maps and prints Ltd.)

Map of Isla de Tierra del Fuego ('Magellanica') from John Ogilby's America atlas, 1671. (Photo by John Webb. By courtesy of Robert Douwma maps and prints Ltd.)





West Indies and Central America, taken from John Ogilby's *America*, 1671. (Photo by John Webb. By courtesy of Robert Douwma maps and prints Ltd.)

inducement.

The surveyor Ogilby appointed to take charge of the City of London survey was William Leybourn (1626-1712). Leybourn was assisted, we know, by John Holwell who measured and plotted over 200 acres of the area covered by the map, by Gregory King, and no doubt by apprentices. When King joined Ogilby's establishment the roads of England and Wales were already being measured, copper plates for the maps of Middlesex and Kent were being engraved, and Felgate was about to survey Essex. King joined Felgate, assisting him in surveying and compiling notes for the written description in which the map was supposed to appear. In the middle of the winter, 'in severe cold weather', they carried out large-scale surveys of Ipswich and Maldon, which afterwards were 'very curiously finished and sent to those two places.'

Twenty-five town plans were intended for *Britannia*, Carlisle, Newcastle, and Berwick were planned, and intending donors promised dedications and inscriptions. Westminster was surveyed by Felgate and King in the Spring of 1674 and completed about a year later. Its scale was the same as that used for the City of London.

That Ogilby had the co-operation of the Ipswich City Fathers the town records make clear. On 16 April, 1674, the Corporation ordered impressions of the Common Seal and Admiral Seal, with a draft of the town arms, to be made by a Mr Brame at their expense and to be despatched to him. On 16 June it was ordered that thirty guineas be paid to 'Mr Sergant Knights, to be delivered to Mr. Ogelby as from this town' on account of 'the great charge that Mr. Ogelby is and will be at in carrying on his *Britannia*.'

Either the map failed to arouse the degree of enthusiasm necessary to make its publication economic, or Ogilby's death disrupted its progress, for the engraving of it was not carried out until 1698, twenty-five years after the survey was completed. The engraver was Thomas Steward, a local man, at whose house in Brook Street in Ipswich it was possible to purchase copies.

The fate of Ogilby's Malden is unknown. It seems never to have been engraved and the draft of the map has not survived.

The first volume of the *Britannia*, consisting of 100 strip road maps, appeared in 1675, with a handsome engraved title page by Wenceslaus Hollar. Two hundred 'Copper sculptures' had been originally promised. The Advertisement in the volume explains: 'Having... Designed the Actual Admeasurement of above 60,000 Miles of Roads... We have in the subsequent work selected only the most considerable of them, or Such as an Orderly Distribution of the Kingdom as oblig'd as to exhibit.' Besides a second version entitled *Itinerarium Angliae*, two further editions of it had to be printed before Ogilby's death. A fourth edition was published twenty-two years later in 1698 by Abel Swall and Robert Morden. *Britannia, Volume the First* became the prototype for almost all the road books published in the following century.

The rest of the *Britannia* project in 1675 was beginning to suffer from lack of financial encouragement. Ogilby was thus obliged to tailor it to more manageable and realistic proportions. In the preface to the road book he announced that *Britannia* would consist of only three volumes — the road book itself; a 'Description of the 25 Cities with Peculiar Charts of each of them, but most particularly those of London and Westminster': and a

volume containing 'A Topographical Description of the Whole Kingdom.' This 'Triple Illustration of the Kingdom', as he called it, is represented by Hollar on the engraved title page by three putti bearing scrolls; on the first scroll is a strip road map, on the second a minute plan of London, and on the third a county map of Yorkshire.

John Ogilby died on 4 September 1676. In his will he bequeathed his estate to his wife Christian. To his step-grandson, William Morgan, who in the previous June had been appointed co-Cosmographer Royal, he bequeathed the onerous task of carrying on 'my undertaking of the King's Britannia in the same manner and method that it is now in or shall be improved by me, which I hope will be to his great Advantage.' Within seven weeks of Ogilby's death, on 26 October, Morgan displayed the City of London map before the Court of Aldermen. The Court awarded him the £100 they had promised, but requested that each alderman should be presented with a free copy. On 25 January, 1677 an advertisement in the *London Gazette* announced the map's publication. An index to the plan in the form of a small volume with the title *London Survey'd* was hastily compiled and issued.

William Morgan succeeded his step-grandfather as Cosmographer Royal and as Master of the King's Revels in Ireland. He continued the Smock Lane theatre and tried, less successfully, to continue the *English Atlas*. His principal handicap was a shortage of capital. On 5 April, 1677 the Court of Aldermen considered a petition from him for further compensation for the City survey. Lotteries were held by Morgan at which the prizes were Ogilby's books and the City of London map. The first of these took place at

Jonathan's Coffee House, Sweetings Alley, on 1 May, 1677. Support given by the Livery Companies was slight. The Coopers presented him with £3. 4. 6d for their City map, the Pewterers' three shillings for theirs, and the Fishmongers' ordered their Clerk to instruct Morgan 'to take down his great Mapp of London by him hanged up in the hall, this Court considering that at Present they have noe use thereof nor any convenient place for the placing of it.'

During Ogilby's lifetime, as we have seen, Gregory King and Robert Felgate had surveyed Westminster. A draft of this map was presented by Morgan to the King, and a survey of Southwark put in hand. Instead of engraving these in the same manner as the City map however, Morgan, on good advice, and no doubt in the interests of economy, reduced the three surveys to a single map on a scale of 17½ ins. to a mile. The map, entitled 'London &c., Actually Survey'd', measured 44½ ins. x 93 ins. (1,300mm x 3,630mm). Its publication was announced in the *London Gazette*, 19-23 January 1682. The ornaments for the map included a long prospect of London and Westminster, and an engraving of Ogilby presenting Charles II with his subscription book.

It was Morgan's hope, several times stated, that the London, Westminster, and Southwark map would produce the revenue needed to complete the Britannia project. No further volumes of the *Britannia* appeared however. In 1687 Morgan disposed of his plates. Ogilby's three county maps were acquired by Philip Lea. By 1692 the plates of 'London &c., Actually Survey'd' were also in the possession of Philip Lea and his partner Robert Morden. The ward map plates, intended to illustrate Ogilby's Description of the

Middlesex, published originally in 1673, though intended for the *Britannia* county atlas. In the following century the copper plate for it was in the possession of George Willdey who was responsible for the edition of the map reproduced here. (Photo by John Webb.)



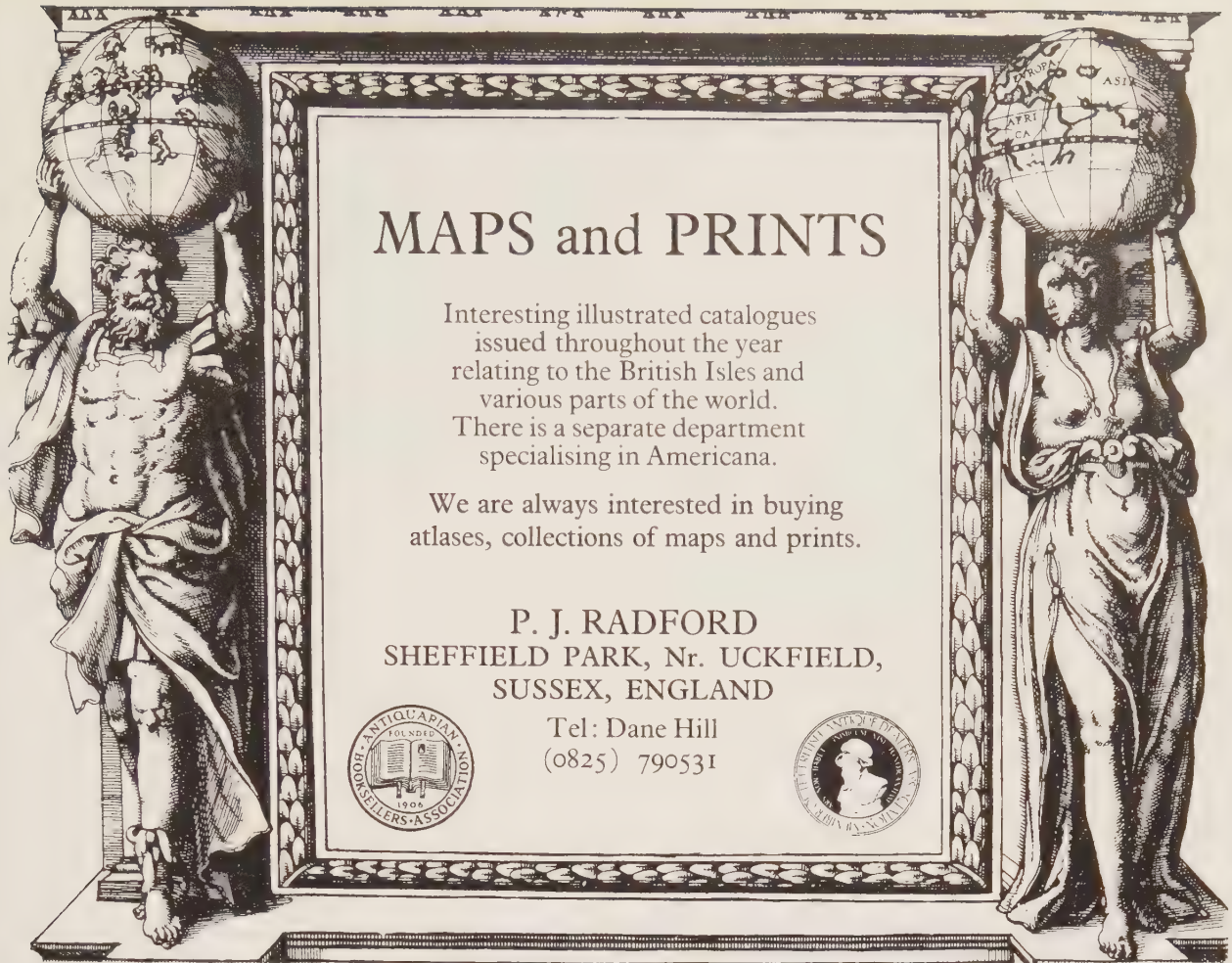


Detail of Sheet 17 of Ogilby and Morgan's survey of the City of London, 1676. (By courtesy of Guildhall Library, City of London.)

City, would seem to have been acquired by Richard Blome. Traces of Blome's imprint, imperfectly erased, appear on the ward maps in Strype's *Survey of London*, 1720. Morgan's 1682 map of London served as the prototype for many later maps of London, even after the publication of John Rocque's survey of 1746. By lining up London maps it can be demonstrated that George Thompson's map published as late as 1826 was derived ultimately from Ogilby's survey commenced back in the 1670s. Thompson, a practised plagiarist, might not have been unduly perturbed by this revelation. Today's map-user, rather than allowing himself to be shocked by the knowledge, might regard it as an overdue accolade for John Ogilby.

Further reading:

- Katherine C. van Eerde, *John Ogilby and the Taste of His Times* (Folkestone: Dawson 1976).
- J.B. Harley, introductory notes to *John Ogilby: Britannia London 1675* (Amsterdam: T.O.T. 1970).
- Ralph Hyde, introductory notes to *Ogilby & Morgan's Survey of the City of London, 1676* (Lymne: Harry Margary in association with Guildhall Library 1976).
- Ralph Hyde, introductory notes to *William Morgan's Survey of London, 1682* (Lymne: Harry Margary in association with Guildhall Library 1977).
- Margaret Schuchard, *John Ogilby, 1600-1676* (Hamburg: Paul Hartung 1975).
- Sarah Tyacke, *London Mapsellers, 1600-1720* (Tring: Map Collector Publications 1978).
- R.A. Skelton, *County Atlases of the British Isles, 1579-1703* (London: Carta Press 1970).





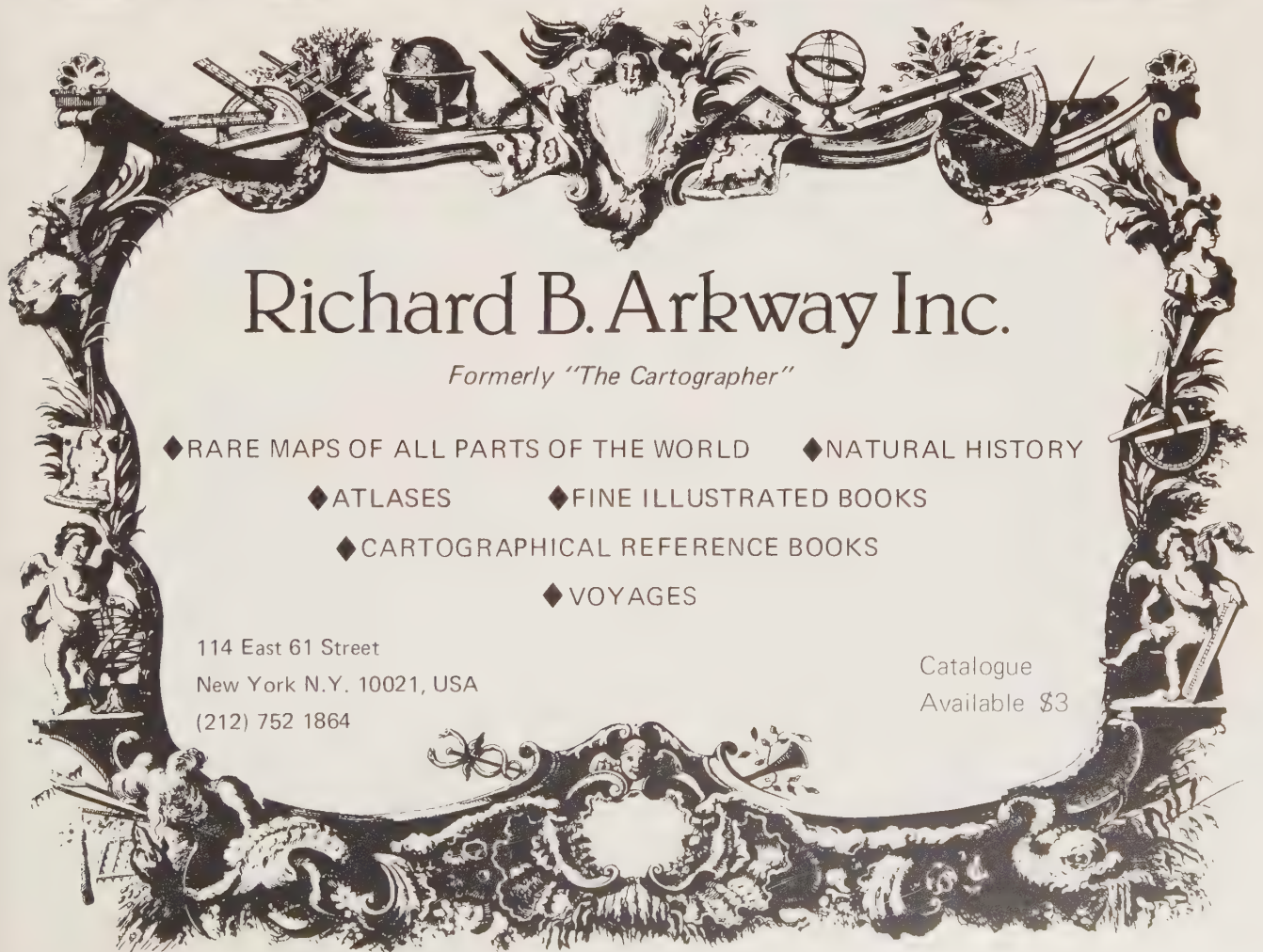
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Barbuda 3 cent 1968-70 definitive issue. A well designed map of the island in the West Indies. (SG 12-20). (By courtesy of Stanley Gibbons Ltd.)



Newfoundland, 1933, of 20 cents. Issued to celebrate the 350th anniversary of the annexation of the island to England by Sir Humphrey Gilbert showing part of Captain John Mason's map. (By courtesy of Stanley Gibbons Ltd.)

Collecting Maps on Stamps

by John Goss

Our research editor, John Goss, has been collecting stamps since he was a small boy and quite early he discovered the fascination of stamps showing early maps. Here he shares with readers some of the fascination he has felt together with hard facts and figures which could set you off on the road to being avid collectors yourselves.

THE COLLECTING OF stamps showing early maps is an increasingly popular collecting field which has given rise to a new term describing it - cartophilately. There are many different types of maps on stamps and it is possible to collect maps of islands by themselves or in conjunction with world maps, single country maps, district maps, town plans, sea charts and even modern topographic surveys.

Islands are perhaps one of the favourite themes for collectors and this is hardly surprising since the forces of nature have conspired to give many of the islands scattered over the face of the globe intricate and in some cases fascinating outlines. Many of the islands are small enough to enable considerable amounts of detail to be shown on a stamp sized design without too much designer's or artist's licence. This has meant that over the years many of the British Commonwealth territories of the Caribbean and elsewhere have issued stamps showing maps of their island homes.

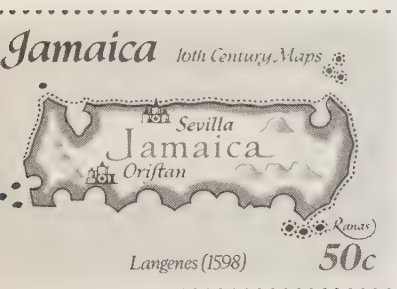
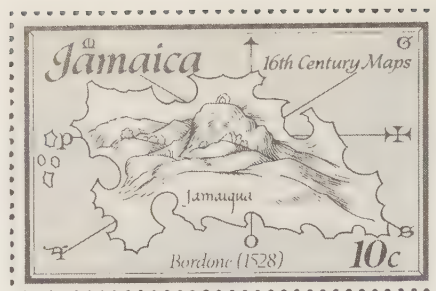
For example, the 1968-70 definitive issue of Barbuda shows a well designed map of the island as the design of the ½ to 15c values as designed by R. Granger Barrett (SG 12-20); Bermuda, on its handsome recess-printed 1953-62 definitive issues showed a neatly drawn map on the 3d and 1s 3d values (SG 140 and 145) with the famous Die I 'Sandy's' error, corrected in 1957 to 'Sandys' on Die II of both values (SG 140a and 145a). Other island territories issuing map stamps have been Nauru, the 1954-61 5s (SG 56); Newfoundland, the 1928-29 1c (SG 164) which included the mainland area of Labrador; New Zealand 1940 1d Centennial showing also Captain James Cook and HMS Endeavour; Norfolk Island, the 1960 2s 8d Local Government issue (SG 40), (incidentally this same territory issued the ultimate map stamp in 1975 in the form of singularly unattractive self-adhesive labels in the shape of the island.) Pitcairn Islands issued a detailed relief



Another map of Newfoundland, 1 cent issue of 1928-29. (SG 164). (By courtesy of Stanley Gibbons Ltd.)



New Zealand 1940 centennial issue of 1d celebrating also Cook's 1769 circumnavigation of the islands (SG 610). (By courtesy of Stanley Gibbons Ltd.)



(Set of four) Jamaica 1976 sixteenth century maps issue (SG 411-414) based on maps by Bordone, Porcacchi, de Bry and Langenes. (By courtesy of John Goss.)



(Set of four) Jamaica 1977, seventeenth century maps issue (SG 425-428) based on maps by Hickerlingill, Ogilby, Visscher and Thornton. (By courtesy of John Goss.)

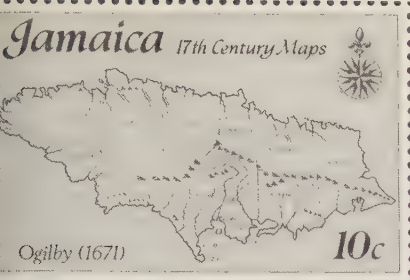
map design on the 1d value of the 1957-58 definitive issues (SG 19) St Helena in the 1934 Centenary of British Colonisation issue showed a map of the island on the 1d value (SG 115); St Kitts Nevis had an attractive map design on the £1 value of the 1938-48 definitive (SG 77c), repeated in somewhat modified form on the \$2.40 value of the 1954-57 definitive issue (SG 117a). St Lucia contributed a map design of the island in 1967 on the 15c Airmail value of the Statehood issue (SG 240).

The most recent issue of island stamps showing early maps was a set of Bermuda which appeared early in 1979. It is a five stamp set and includes the manuscript map of Bermuda by Sir George Somers (1609) which he made when he was shipwrecked in the uninhabited islands. Also in recent years Jamaica has issued sets of stamps showing the changing shape of the island as depicted on maps through the centuries. 1975 saw the issue of a set of four stamps showing sixteenth-century maps: 10c, Bordone's map of 1528; 20c, Porcacchi's map of 1576; 30c, de Bry's depiction of 1594 and 50c, Langenes' outline of 1598 (SG 411-14). 'Darkly green Xamayca ... the fairest island that eyes have beheld' (Columbus, 1494) has fascinated travellers, seafarers legitimate and not so and mapmakers ever since, a fascination attested to by the large number of separate maps of the island made over the years. To a certain limited extent, but one which will, hopefully, be less limited in future years, the stamp issues of Jamaica showing sixteenth and seventeenth century maps illustrate this fascination rather neatly. Benedetto Bordone's map 'Jamaiqua' (1528) is the earliest printed map of the island, printed at Venezia in his *Isolario* as a woodcut illustration to a text dealing with the islands of the then known world. It was reprinted in 1533, 1534 and 1547. It was a common practice of geographers of the time to write texts in this manner, and this has handed down to us today some most interesting small maps and ones which translate particularly well into stamp design. Tommaso Porcacchi's little map 'Jamaica' (1576) was published in the island atlas *Isole più famose del mondo* at Venezia or later at Padova. Typical of small format Italian maps of the period, it was delicately engraved with the interior topography indicated as groups of molehills, and was set in a page of descriptive letterpress. Porcacchi's work continued in publication until as late as 1686. The subject of the 30c stamp, a map stated to be de Bry (1594) comes, not from a map devoted to Jamaica at all, but adapted from a large and extremely ornate map of the whole of the West Indies, 'Occidentalis Americae partis, vel earum Regionum quas Christophorus Columbus primū detexit', published by Theodore de Bry to illustrate an encyclopaedic text,

Historia Americae in fourteen volumes, and which dealt with the history of the discovery and exploration of the New World from the time of Columbus to the late sixteenth century. The fourth stamp shows part of the little map by the Dutch mapmaker Barent Langenes (1598) entitled 'Cuba Insula' in which Jamaica is prominently shown, but is not named in the title. This set of stamps has been particularly successful from an aesthetic viewpoint because, as hinted at earlier, little designer's licence has really been necessary. In any case, the size of the original map areas was quite small, and, in the case of the Langenes, the outline of Jamaica is about lifesize on the stamp design.

Very often however, old maps were produced at quite large formats, and the Jamaica seventeenth century map series of 1976 (SG 425-28) shows maps and charts published originally at folio format. The 9c shows Capt Edmund Hickerlingill's outline map of 1661 published at London in *Jamaica Views*. This map does not name the infamous Port Royal destined for destruction by the earthquake of 1692 but does mark and name the fort on the site at Cagway, 'Poynt Caggoway'. It may just be discerned on the printed stamp, but unfortunately, off the southern coast of the island several soundings have been omitted. Port Royal is shown on the next stamp, the 10c, depicting the 1671 map by John Ogilby, 'Novissima et Accuratissima Jamaicae descriptio per Johannem Ogilvium Cosmographum Regium'. This map, based on a survey made in 1760 at the order of Sir Thomas Modyford, Governor of Jamaica, 1664-71, was the prototype for most of the maps of the later seventeenth century and well into the eighteenth. It was published in Ogilby's geography of the Americas, *America being an Accurate Description of the New World*. Another map which had a long life in one form or another is that depicted on the 25c value, Nicolaas Visscher's 'Jamaica, America Septentrionalis ampla insula, a Christophoro Columbo detecta, in suas Gubernationes peraccurate Distincta' which first appeared at Amsterdam in [1680] and continued in publication through to the 1720s. The celebrated English maker of sea charts, John Thornton, produced the subject of the 40c value. His chart, 'The Island of Jamaica' was published in the now quite rare *The English Pilot, The Fourth Book* at London in 1689 and was continually published until the 1770s. The outline of Jamaica bears a close comparison with that shown on modern maps; Thornton himself was famous for the general accuracy of his charts. The reproduction on the stamp shows the detail clearly enough; the designer added a compass rose at the top right.

Such designs as these are praiseworthy in their depiction of old



(Set of four) British Virgin Islands 1977 map stamp issue (SG 367-370) based on charts by seventeenth century English and French cartographers. (By courtesy of John Goss.)

maps, often difficult enough to reproduce successfully as book illustrations, let alone as the subject of a stamp design several times reduced in format from the original and in a totally different printing medium. Many old maps have elaborately engraved decorative devices such as ornate title cartouches, large compass roses, figured scale cartouches and indeed large areas of decoration put in by the original mapmaker (often) to disguise cartographic deficiency or to conceal the fact that he had, as was almost legion in those days, plagiarised his map from another source without acknowledgement, or placed mythical animals at strategic places, giving rise to Jonathan Swift's oft-quoted quatrain, published in 1733 in *On Poetry, A Rhapsody*:

So Geographers in *Afric*-maps,
With Savage-Pictures fill their Gaps;
And o'er uninhabitable Downs
Place Elephants for want of Towns.

Swift's remarks are said to have been inspired by a chart of John Seller of the West Indies which shows also the western part of the African continent occupied by a splendid large elephant.

The writer has the feeling that there was certainly a want of feeling for good design which produced the disappointing British Virgin Islands map set in 1977 (SG 367-70). This set reproduced maps and charts published between 1738 and 1779 but so poorly and with fussy lettering and 'cartouches' out of keeping with their subject. This is all the more disappointing since the 1952 definitive issue for the same territory included some particularly fine map stamps, albeit inspired by a modern British Admiralty chart, showing 2c, Jost van Dyke; 4c, Anegada; 8c, Virgin Gorda; 12c, Tortola, and \$4.80, a general map of the Virgin Islands (SG 137, 139, 141, 142 and 147).

The subject of old maps on stamps is one that is large and growing, but the serious thematist can limit himself successfully within this field to show, for example, the routes of explorers and their discoveries as depicted on stamps. The fine 1940 New Zealand 1d Centennial showing Capt Cook and a map of New Zealand already has been mentioned, but the same issue included in the 2d value (SG 612) a particularly neat depiction of Abel Janszoon Tasman, the Dutch seventeenth century navigator, his flagship three-master *Heemskerck* and a chart of the western coast of Statenland at the point where the later-discovered Cook Strait separates North from South Island as drawn in 1642. Until James Cook showed otherwise in his circumnavigation of the islands in 1769, Tasman's discovery was considered as part of the so-called 'Great Southern Continent.'

Sometimes the very name of a territory calls to mind its depiction on an old map: Newfoundland. In 1933, Newfoundland issued a set of stamps commemorating the 350th anniversary of the formal annexation of the island to England on August 5, 1583 by Sir Humphrey Gilbert by authority Letters Patent of Elizabeth I. The 20c value (SG 247) shows part of Captain John Mason's map, 'Insula olim vocata Nova Terrae. The Iland called of olde Newfoundland land,' published at London as the frontispiece to Sir William Vaughan's *The Golden Fleece*, 1626. Perkins, Bacon's production of the stamp issue gives a good idea of the appearance of the original engraved map, which is oriented south at the top. For long, mapmakers oriented their maps to any of the four cardinal points of the compass, such a practice often being dictated by the size of the copper engraving plate or woodblock available and also the particular shape of the territory to be shown on the map. Although we are nowadays accustomed to a northward orientation on our maps, John Mason's map of Newfoundland was for a long time the best delineation of the island. Mason's map showed the location of the English settlements on the Avalon Peninsula (top left on the stamp) in the vicinity of the present-day St John's. Vaughan made use of the map at the time in order to express his high hopes for the English settlement.

The collecting of maps on stamps has given rise to the term carto-philately and for those interested in exploring the subject further, there is a specialist branch of the American Topical Association which publishes *The Carto-Philatelist*, a quarterly publication edited by Evelyn T. Nelson, 249 Hoffman Street, Franklin Square, Long Island NY 11010, USA. This publication is now in its 24th volume - a fact in itself sufficient testimony to the interest in maps on stamps - and often has detailed articles on particular subjects in the theme of map stamps, as for example, a recent article by Walter Klinefelter on the Canadian exploration of Jacques Cartier ('Jacques Cartier's Canadian Exploration' in: *The Carto-Philatelist* Vol. XXII, Issue No. 3, p 24). Also recommended is the American Topical Association's own *Topical Handbook No 26: Map Stamps of the World* and subsequent additions in the columns of *Topical Time*, both published by the American Topical Association, 3306 North 50th Street, Milwaukee WI 53216, USA. A brief study of explorers' routes was published in 1964 by the now-defunct Map Collectors' Circle, London, entitled *Ancient Maps and Explorers' Routes on Stamps*, as Vol. II, No 15 in the series, but is, unfortunately, now out of print.

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A black and white portrait of a man, likely a member of the House of Lords, looking slightly to the right. He has light-colored hair, possibly thinning, and is wearing a patterned jacket over a light-colored shirt. The background is dark and out of focus.

The author of the article, David Buchanan-Dunlop, who seeks to unravel the mystery of Captain I. Vogt. His interest in the cartography of Corsica began when he was with the Royal Navy in the Mediterranean. He now owns some land on the island and lives there during the summer and cartography is one of his main hobbies now he is retired. (Photo by Vivianne Purdom.)

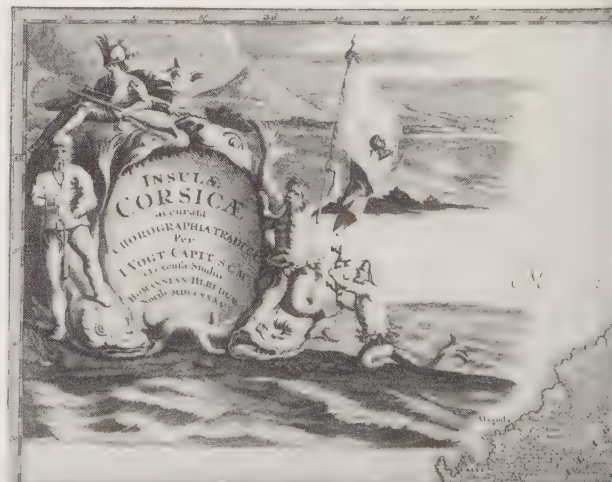
produce timely and revised maps of the island, most of which, however inaccurate, were quickly copied by others.

For help in restoring order the Genoese appealed to Charles VI the Austrian and Holy Roman Emperor. The troops he sent in April 1731 suffered an initial setback at the hands of the insurgents, but early in 1732 a dramatic change in the situation was made by Prince Louis of Wurtemberg, who assumed command of the reinforced Imperial troops and by May of that year had, with the aid of artillery, crushed the revolt. This little caper cost the Republic of Genoa five million florins which it could ill afford and was the first part of an increasing financial burden which led eventually to the virtual sale of the island to the King of France in 1768.

[illegible]

The real mystery starts with this second map of Corsica published by the Homann Heirs in 1735. Illustrated are (left) the table of potential combatants which was cribbed by the Ottens on their map of c 1740, and the title cartouche (right) showing the first mention so far traced of an 'I. Vogt.' (Photos by Vivianne Purdom.)

28		29		30	
Explicatio eorum qui Militiam sequi possunt					
Di qua da Monti					
1 Capo Corfo	4000	11 Guicclina	200	21 Moriani	450
2 Lotta	200	12 Nolo	600	22 Cambeloro	400
3 Petra Bugno	120	13 Castuca	400	23 Verde	200
4 Orta	100	14 Cajacom	500	24 Serra	250
5 Nibis	1000	15 Rostano	700	25 Bozio	380
6 Canale	150	16 Cora et Falcini	560	26 Mezzani	450
7 La Polagnie	4000	17 Lavagnia	400	27 Fiumorbo	250
8 Mariana	100	18 Ampugnano	1000	28 Regna	270
9 ...	340	19 Brezza	1000	29 Capredo	300
10 Caccia	100	20 Valle Righia	400	30 Pennago	200
Bila da Monti					
31 Pico	300	34 Zeraco	600	37 Istria	450
32	35 Ornano	300	38 La Rocca	...
33	36 ...	300		





The title cartouche of the Ottens' c 1740 map on which the 'I. Vogt Capit.', which had appeared on the Homann's 1735 map, was translated as 'Le Capitaine I. Vogt.' (Photo by Vivianne Purdom.)

available to the Austrians for their campaign, probably in the form of a composite manuscript map. A little later the self-same manuscript sources were made available to the Frenchman B.A. Jaillot, who was commissioned by the Republic to produce from them a definitive map of Corsica suitable for engraving.

In 1732, the year of Wurtemberg's success, the Homann Heirs of Nürnberg published a timely map of the island, the title-cartouche of which included the phrase 'Cum Privilegio Sac. Caes. Majestatis'. The map itself bore no relation to the manuscript sources mentioned above and was of purely decorative value. It was no more than a copy of the chart Jan Jansson had made of Corsica in 1647, with some improvements prompted by a map of the island published at Leiden early in the eighteenth century by Pieter van der Aa. Also in 1732, the operations of the imperial troops were recorded in a manuscript journal illustrated with a manuscript map which may or may not have been an additional source made available to Jaillot.

The real mystery starts in 1735 with the publication by the Homann Heirs of a second and completely different map of Corsica copied by Peter Conrad Monath, (also of Nürnberg), the next year which grossly distorted the island's length. It bore an interesting legend in the form of a table showing the number of male inhabitants in each district who could arm themselves as combatants. But regarding the problem I discuss the main significance of this map lay in its title, which read: 'Insulae Corsicae/ Accurata/ Chorographia Tradita/ per/ I. Vogt Capit. S C M / et excusa Studio/ Hommannian. Heredum/ Norib MDCCXXXV'.

It seems fair to assume that the 'S C M' above stood for the 'Sac. Caes. Majestatis', i.e. 'Holy Roman Emperor', found in the title of the 1732 Homann map already mentioned. It is hard to imagine what else it could have stood for.

But the assumption that 'I. Vogt Capit.' signified 'Captain I. Vogt' is, to my mind, questionable and it is the crux of the matter. The Ottens of Amsterdam certainly had no doubts when they published c 1740 a map of Corsica bearing both the arms of the German adventurer Neuhoﬀ who had, in 1736, persuaded the Islanders to elect him their 'King' with the title 'Theodore I', and a representation of the 'Order of Deliverance' which he intended to bestow, for a consideration, on deserving subjects. The title of this map contained the significant words 'Levé sur les Lieux par le Capitaine I. Vogt.' It bore the same table showing the combatants

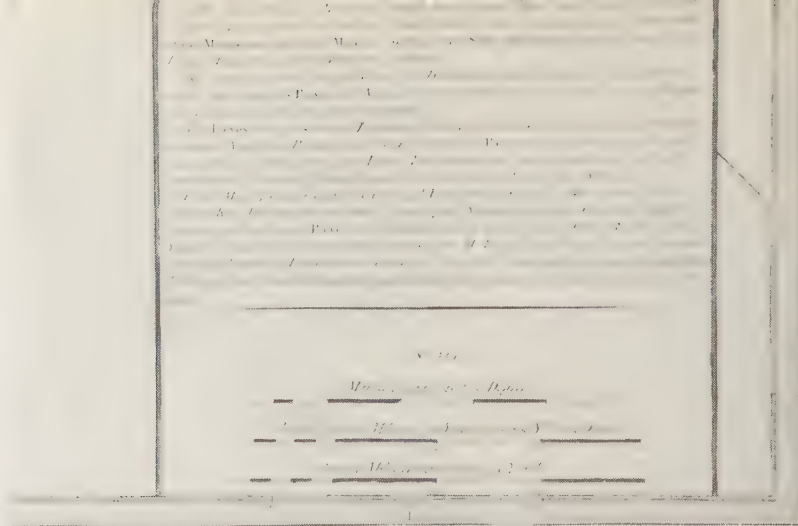
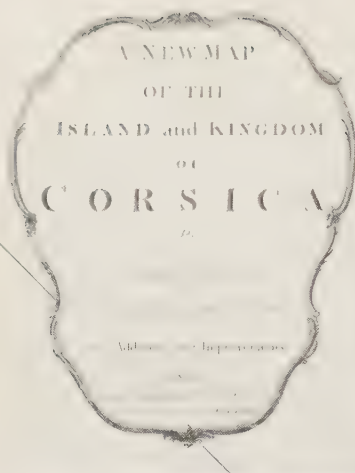
available in the various districts as had the Homann's map of 1735, but on it the length of the island was considerably less distorted. It was smartly copied by Tobias Conrad Lotter of Augsburg.

Nor did Berthelot and Ceccaldi have any doubts. Their expressed belief was that a 'Capitaine I. Vogt' had indeed served on Prince Louis' staff in 1732 and, in discussing the Ottens' map of c1740 they stated categorically: 'C'est bien la carte de la campagne.'

On the other hand it seems most significant to me, as a student of Corsican cartography, that thirty years after these authorities wrote on the matter a museum of great and deserved repute should indicate quite definitely that there was a second side to the question. In its library catalogue this same Ottens map of c1740 was attributed specifically to C.J. Vooght, presumably on the assumption that the 'I. Vogt' mentioned in its title stood for 'Iohannis Vooght'.

Claes Jansz Vooght (or Voogt) was 'geometra' to the publishing house of van Keulen at Amsterdam during its formative years. As such he was the author both of the text of several of the van Keulen sea atlases and of many of its charts. Vooght's name continued to appear on the title-pages of such atlases for many years after his death in 1696, and for a hundred years between 1690 and 1790 they included his chart of the French and Italian coasts between Toulon & Piombino which showed the whole of Corsica on a scale producing a length of 220mm and a breadth of 130mm for the island. This chart was revised c1706, but only in minor fashion, by Gerard van Keulen, who had taken over the functions of Vooght on the latter's death and, in 1704, direction of the whole publishing house from his father, Johannes van Keulen. Gerard also, c1705, published a large and more accurate chart, 515mm x 870mm, confined to the islands of Corsica and Sardinia, with Elba as an inset.

While it can be argued that the Homann's map of 1735 'per I. Vogt' bore little or no resemblance to either of these charts published by the van Keulens, it can equally well be argued that the Ottens' map of c1740 bore little or no resemblance to the map which Jaillot produced for the Genoese Republic in 1738 although it will be remembered that, according to Berthelot and Ceccaldi, these last two maps were based on virtually the same manuscript sources. The fact is that comparison of various representations of Corsica produced by cartographers during the first half of the eighteenth century, though of absorbing interest, does little to



The title cartouche of Thomas Jefferys's 1769 map as re-issued in 1823 (left) and the legend (right) containing a reference to 'Capt. Vogt' on the same map. (Photos by Vivianne Purdom.)

help solve the problem of who was 'I. Vogt' since, whatever their relative merits, they were all most inaccurate. It was not until mid-century that a survey of sorts was conducted in the island. Genoa had once again appealed for help in subduing the rebellious Corsicans, to the King of France this time, and a partial survey was carried out under the orders of the Marquis de Maillebois who from 1739 to 1741 commanded the French troops in the Island. A proper survey was finally made by the Frenchmen Testevuide & Bédigis between 1770 and 1791 but, for various reasons, its results were not published until 1824. Meanwhile Jaillot's map of 1738 had been copied by an unknown author in 1764, from him by Thomas Phinn of Edinburgh in 1768 and from the latter by I.D. Philippin of Leipzig the same year. It was also copied by Marc Dal Re of Milan, by the Frenchman S. Pruvost and, in 1769, by the Dutchman Abraham Polack and the Italian Domenico Policardi.

In 1740 the survey ordered by Maillebois had been embodied by Bourcet de la Saigne in a manuscript map, preserved to this day in the French War Ministry, which was the basis of an engraved map published by the Robert de Vaugondys in 1756. This map of the island, which differed considerably from Jaillot's representation of 1738, was copied by John Ellis of London and Angelo of Paris in 1768 and, next year, by Tomas Lopez of Madrid and the Frenchman L. Mondhare. The absolute plethora of maps of Corsica produced at this time was of course triggered off by the acquisition of the island by France in 1768, as already mentioned. It had caused much heart-burning in several capitals. Indeed Admiral Sir Charles Saunders, who had commanded the English fleet in the Mediterranean in 1756 and again in 1760, went so far as to say in the House of Commons that 'it would be better to go to war with France than consent to her taking possession of Corsica.' Such a war was not to come for another ten years and its origins lay in an English, rather than a French, colonial question.

But to return to my theme, references to 'Capt. Vogt' continued to appear long after 1740 on maps by Thomas Jefferys of London.

The Homann Heirs reissued their 1735 map of Corsica in 1808 and although the original table of combatants in each district was retained it can be seen that the title bears no reference at all to the mysterious 'Vogt.' (Photo by Vivianne Purdom.)



Always the opportunist, he had produced his first map of Corsica in 1756, the island's strategic importance to England having been greatly enhanced by the loss of Minorca to France in June of that year. While this first map of Jefferys is irrelevant to my problem, his second one dated 1769 made reference to 'the map of Corsica laid down by Capt. Vogt, and published at Amsterdam by order of the late King Theodore', i.e. to the Ottens' map of c1740. As for 'King Theodore', after seven years of exile in England he had been buried in the paupers' corner of the graveyard of St Anne's, Soho, where Walpole's inscription was to be found: 'The grave, great teacher, to a level brings Heroes and beggars, galley-slaves and kings. But Theodore his moral learn'd ere dead; Fate pour'd its lessons on his living head, Bestow'd a kingdom, and deny'd him bread.'

This second map by Jefferys, yet another copy of Jaillot, bore a timely dedication to Boswell's friend Pasquale Paoli the great Corsican patriot who, defeated by overwhelming French forces, reached English asylum in September 1769. Jefferys died in 1771 but, equally opportunistic, Laurie and Whittle republished his second map in 1794 which was the year England captured Corsica from France, after a campaign which cost Nelson the sight of his right eye and the reference of this map to 'Capt. Vogt' continued to appear in subsequent reissues up to 1823 at least.

When the Kingdom of Spain chose to join the French revolutionaries in war against England, its former ally, there followed a period of two years during which Corsica or any other Mediterranean base was untenable by an English fleet. The island was therefore evacuated in 1796 and, on resuming occupation, the French partitioned it into two departments. Corsica was united into a single department by Napoleon in 1811, and it was not until the 1970s that it was made into two departments once again. If this was done by the central French government on the principle of 'divide and rule', the measure has not proved all that successful. The island's history continues to be generally unhappy, but without arousing the interest of modern cartographers except, of course, those employed by the house of Michelin. But to go back to the years of Corsica's first partition, in 1808 the Homann Heirs in order to show the island's division into two departments reissued their 1735 map. Although the original table of combatants in each district was retained at the risk of its being completely out of date, the title on this occasion made no reference whatsoever to 'I. Vogt', whose real identity remains for me a mystery.

A recent and most authoritative publication, of the greatest interest and value both to professionals and to amateurs like myself, lists a 'Capt. I. Vogt' and attributes to him maps of Corsica with the dates 1735 and 1740. Its appearance has prompted me to put forward here my doubts as to whether the Ottens were correct in assuming that the 'Capit.' in Latin on the Homanns' 1735 title cartouche should be translated as 'Capitaine' in French. My own latin studies ceased, in my fourteenth year: while highly delighted at the time, I have since had much cause for regret. Perhaps some more erudite reader of *The Map Collector* can throw further light on the matter.

Leo Belgicus 1630



LEO BELGICUS by C. J. VISSCHER

*NOVA XVII PROVINCIARUM Germaniae Inferioris tabula
Issued in Amsterdam 1630 (M.C.C.S. No 8 item 34). A fine
example of a map which is now rarely available for sale,
particularly in such good condition.*

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Philipp Clüver and the 'incomparable' Italia Antiqua

by Stephen A. Bromberg

Last year, Stephen Bromberg's wife Carol, gave him a most unusual Silver Wedding anniversary present — a complete two-volume set of Clüver's *Italia Antiqua*. At the time he was in a graduate seminar held by Douglas Marshall at the Clements Library, University of Michigan, and at his suggestion and with his encouragement, undertook what started as a limited project of review and analysis and went on to become 'an obsession.' Here you can read the results of his research to date on the atlas which has taken him on from the University of Michigan to the Bibliothèque Nationale in Paris and the Library of Congress in Alexandria, Virginia, USA. Stephen, who started collecting maps fifteen years ago, is an attorney being senior partner in a firm in Southfield, Michigan.



This portrait of Philipp Clüver appears at the beginning of a number of volumes of *Italia Antiqua*. This particular one was taken from Volume I of the atlas which is in the University of Michigan Library. (By courtesy of University of Michigan Library)

'It must be own'd, that the Endeavourss of such of the ancient Geographers now remaining, as Strabo, Ptolemy, Pomponius Mela, and the Nubian Geographer, &c were very considerable in those Times, tho' much short of the Moderns, both as to Method and Perfection.

*As Learning decay'd, that Study was in a manner bury'd till the last Century, when it was again reviv'd. Ortelius was one of the first who began to give it a new Life; after him, Mercator reduc'd it into a more connected System. Cluverius oblig'd the Publick, by bringing it into a better Method, as well as by his incomparable Books of Germania, Italia and Sicilia Antiqua.'*¹

THIS STATEMENT OF John Senex in 1721, by placing 'Cluverius' with two such pre-eminent figures in the history of cartography as Ortelius and Mercator, reflects the high regard in which Philipp Clüver was held in the early eighteenth century. However, his reputation has faded in our times to the point that he is not very well known today, even among historians. What was his contribution? What was his 'better Method'? Why was his book on Italy deemed 'incomparable'?

Philipp Clüver² was born in Danzig in 1580, where his father was Director of the Mint. He was initially educated in Danzig and was given the very best early education. He was sent briefly to the Court of the King of Poland for training and in 1601 his father sent him to Leiden to study law, there being close cultural and economic ties between Danzig and Holland at that time.³

In the seventeenth century, Leiden became a centre of the Dutch cultural and artistic renaissance, being the birthplace of such famous painters as Rembrandt, Jan Steen and Jan van Goyen.

Clüver thoroughly disliked his legal studies at the University of Leiden. However, it was there he came under the influence of Joseph Scaliger and with his counsel began to concentrate totally on historical and geographical studies. In conjunction with these studies he travelled to various cities of Brabant in order to see the area itself, rather than being content with knowledge derived only from study. During this trip he was robbed of all his belongings by marauding soldiers.⁴

His father, displeased with Clüver for abandoning his legal studies, withdrew financial support. As a result, despite help secretly given by his mother, Clüver left the University and became a soldier. He served in Bohemia and Hungary for two years. At that time he became acquainted with Baroness von Lobkowitz and with her father Baron Georg Popel von Lobkowitz, who had been imprisoned by Rudolf II, the Emperor of Austria, pending trial for improper activities in attempting to become a provincial governor. Clüver completed an Apology or defense of Lobkowitz in Latin, and then had it printed in Leiden, but Lobkowitz was executed and when the pseudonym which Clüver had been using was discovered he was put into prison in Holland at the request of the Austrian Ambassador. With the help

of his friends from Leiden, Clüver was released from prison and with his mother's financial help travelled to England where he married a poor young English woman. This had the effect of increasing Clüver's already difficult financial position.⁵

During the period from 1607 until 1610 he travelled extensively, visiting parts of Germany, Scandinavia, the British Isles, France and Italy. Then he basically remained in England for a number of years. He wrote studies concerning the historical geography of the Rhine while at Oxford and these studies entitled *Commentarius de tribus Rheni alveis et osteis* (Commentary on the three branches of the Rhine and their outlets) were published in Leiden in 1611. The position taken by Clüver in this work contradicted the then prevailing doctrine as to the location of the Roman border in Holland. However, although Clüver's position created continuing opposition to him over the succeeding years, it was ultimately recognized to be correct.⁶

Because of his financial problems Clüver was pleased to receive financial aid from the already widowed now Countess Lobkowitz which permitted him to settle in Leiden in 1615. There his *Germania Antiqua*, on which he had worked while in England, was published in 1616. This is a more substantial work, considered by some to be Clüver's best. A total of eleven maps are presented in *Germania Antiqua*, grouped in varying numbers at the beginning of the four divisions or books (rather than throughout the same). They are all fairly undetailed. All show Clüver as 'auctore' and most show Nicholas Gielkerk as engraver, while all appear to be by that engraver. This work proved successful in the scholarly world and earned recognition for Clüver.⁷

In the year 1616, after publication of *Germania Antiqua*, Clüver received from the University of Leiden the title 'Geographicus Academicus' ('Academic Geographer'), which came to him with an annual stipend of 500 florins and an official residence. Despite this, he and his family, which had followed him from England, continued in financial need.⁸

It should be emphasized that Clüver was not a mathematical theoretician in his approach to geography, and also that he failed to use many of the scientific advances then being made. Instead, his specific approach was to collect as many old sources as possible, attempt to purify them from interpretive overlay by

others, test the sources against existing historical and geographical data and then test and compare the results with the experiences gained through his own travels.

Using his skill and experience as a practical and observing geographer, he attempted to clarify vague, inaccurate or contradictory statements of the classical writers. Good examples of this approach are Clüver's *Sicilia Antiqua* and *Italia Antiqua*.⁹

In 1616 Clüver apparently completed his initial activities on these two works. While prior to that time others had produced similar volumes about Europe and many individual countries, none had been published about Italy, so that these were needed. In 1617, before completion and publication and with funds provided by the University of Leiden, Clüver started an extensive trip on foot throughout Italy and Sicily, making a special effort to travel along the coastlines.¹⁰ He returned briefly to Leiden for a few months before returning to Italy to complete the trip. He apparently suffered much fatigue during this trip because of his extensive curiosity and effort and it is believed by some that it was there he contracted the lung disease which eventually killed him, although others attribute his ill health to irregular living over many years.¹¹ Clüver apparently was so highly regarded by the Italians that they offered him a chair of geography and ancient history at an Italian University. He was uncertain whether he should accept this offer, but finally decided to remain at Leiden.¹²

On his return to Leiden in 1619 he found his wife and children ill and destitute, but Clüver continued his work and *Sicilia Antiqua* was published in Leiden in 1619. He also pursued his more extensive work on ancient Italy. However, his wife then died and his financial problems became compounded to the point that he was forced to begin giving lectures, which together with his failing health limited the time available for completion of his pending work. In addition, a competitive 'Italia' of the Venetian cartographer Magini was published posthumously in 1620. Excessive work and worry appear to have completely spent his

remaining health and he died prematurely at the age of 42 before he could complete *Italia Antiqua*. His death is asserted by some authorities to have been in 1623,¹³ but it seems that the better position is that he died on New Year's Eve, December 31, 1622.¹⁴

After the death of Clüver, his most widely-distributed work, *Introductionis in Universam Geographam Tam Veterem Quam Novam Libri VI* was published through efforts of Joseph Vorstius. It initially appeared in Leiden in 1624.¹⁵ It lacked originality, containing Ptolemaic geographic concepts and appears to be based on a well known text of Magini published in Venice in 1596. It is probable that Clüver did not intend to publish his manuscript from which this was derived but rather intended to write a new geography based on it.¹⁶ In all editions reviewed *Introduction to Universal Geography* was published in one volume containing six 'books'.

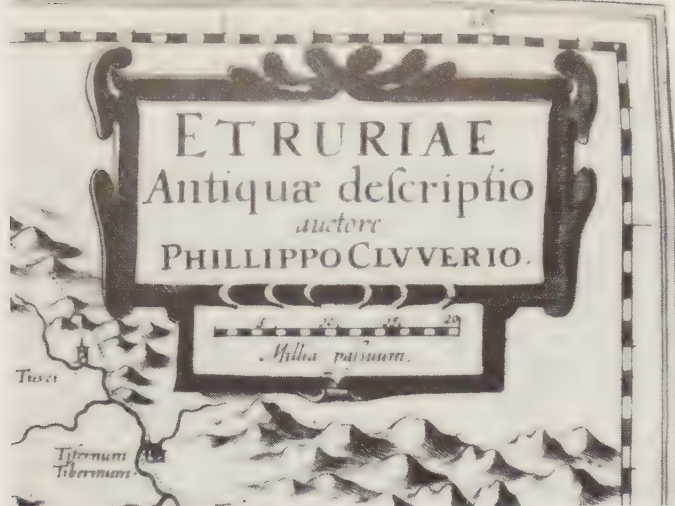
The *Introduction to Universal Geography* included information derived from other observers and sources and clearly does not reflect the 'better Method' referred to by Senex. Indeed, despite its extensive distribution, it is *not* one of the books to which Senex referred as being 'incomparable', that reference having been limited to 'Books of Germania, Italia, and Sicilia Antiqua'. To determine what Senex was referring to, it is necessary to look to these less widely disseminated works of Clüver. Possibly the best example is *Italia Antiqua*.

Italia Antiqua was posthumously published in 1624 in Leiden by Elzevirs. It was issued in two volumes containing four books. The four books were, in turn, subdivided into many chapters consisting of examination of small areas in a sequence running from the northern portions of ancient Italy adjacent to the Italian peninsula southerly through that peninsula.

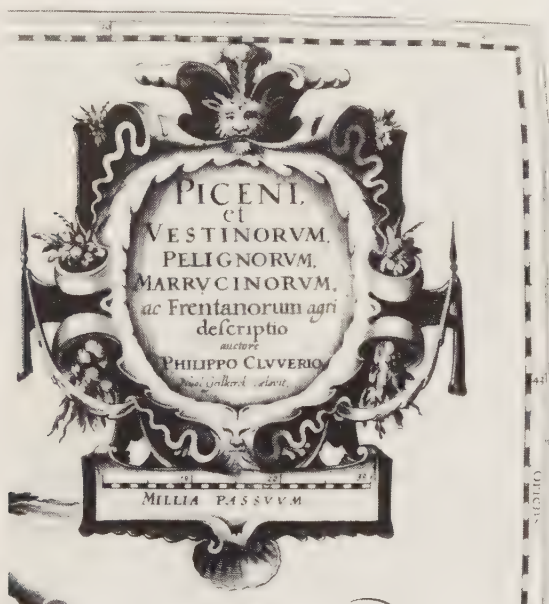
It was through the efforts of Daniel Heinsius that it was published and the work specifically reflects the activities of Heinsius in his initial dedication and his poem in honour of Clüver (although it should be noted that the *Germania Antiqua* also

Fig 1. There are fifteen maps used to illustrate the text of *Italia Antiqua* and this one of the whole of Italy is the first in the atlas.





Figs 2 & 3. The maps in *Italia Antiqua* all have cartouches ranging from the very plain like on this map of Etruriae from Book II to the very baroque cartouches in the simplest maps as on the map of Piceni from Book III.



contained a poem by Heinsius). He probably made other finishing touches as well. Heinsius was not only a Professor of History at the University of Leiden at that time, but was also a Secretary to the Senate. Further, 'his advice determined the policy of the publishing firm of Elzevirs'. It is interesting to speculate upon the effects of Heinsius' relationship with Clüver, inasmuch as *Commentarius de tribus Rheni*, *Germania Antiqua*, *Sicilia Antiqua*, *Introduction to Universal Geography* and *Italia Antiqua* were all initially published by Elzevirs.¹⁷

An important feature of *Italia Antiqua* is the very extensive separate list of 'Authors' at the beginning of the first volume following the index of the listing of chapters in the first two books. An examination of this list and of the text indicates that these 'Authors' were all from the classic age. They include Aristotle, Cicero, Dionysius, Livy, Mela, Pliny, Plutarch, Ptolemy, Strabo, Suetonius, Tacitus and others. Although *Germania Antiqua* and *Sicilia Antiqua* contain such lists, in those volumes they are not as extensive and important to the overall approach. In fact, an examination of the chapters of *Italia Antiqua* indicates that they consist of a compilation of quotations from these classical authors about the various areas in Italy which are the subject matter of the individual chapters, together with comments concerning their statements. Clüver combined his classical and historical studies with his practical geographical knowledge and observations to prepare this work in which the product is the amalgamation of these sources. As a result, *Italia Antiqua* is a culmination of concepts used by Clüver in earlier works and in this regard it is quite different from other atlases of the time, and reflects the difference between the method used by Clüver and those of the other geographers published during this period.

There are fifteen maps used to illustrate the text; the first one is of the whole of Italy (Fig. 1). Thirteen of the remaining maps examine in detail individual areas north of and in the Italian peninsula in ancient times. The maps (unlike those in *Germania Antiqua* and *Sicilia Antiqua*) are correlated and integrated with the subject matter throughout the text, as well as being presented in the north to south continuity which is the order of presentation in the text. The indexes of the maps at the beginning of each of the two volumes reflect this arrangement.¹⁸ All of these fourteen maps were engraved and state on their face that Philipp Clüver was the cartographer and that Nicolaus Geilkerck was the engraver. They are of a very high quality for the period, both as to accuracy and presentation. They all reflect latitude and longitude at the margins. They all have cartouches ranging from the very plain cartouches for maps which are more complex and interesting and/or have other artistic ornamentation such as sea monsters (Fig. 2), to very baroque cartouches in the simplest maps (Fig. 3). The maps are evidence of the position taken by one authority in stating about Clüver that: 'He broke Ptolemy's spell and not only preached the rule that practical observation should be the basic rule of historical geography as of modern geography, but practiced it.'¹⁹

The treatment of coastlines and waters, the fine lettering and printing and the care with which the individual maps are laid out, as well as the cartouches used throughout, reflect the particularly pleasing artistic approach. In this way, scholarship and art unite to make this atlas 'incomparable'.

A map unique to the atlas is that of Rome in the second volume. Unlike the remainder of the maps, it is a graphic representation of a city reflecting the structures therein (Fig. 4). Further, it does not recite any latitude or longitude, cartographer or engraver. In view of these differences speculation must arise that this cityscape of ancient Rome was not the original product of Clüver. Indeed, an examination of Braun and Hogenberg, *Civitates Orbis Terrarum*, Vol. II, Part IV, pages 54 and 55, indicates essentially the same approach to the plan of ancient Rome (Fig. 5). The similarities appear too great to discard the hypothesis that Clüver had at least examined the work of Braun and Hogenberg. An examination of *Le Piantes di Roma*, a work containing the history and copies of various maps of Rome, adds further insight. Although the maps of Rome prepared by Pirro Ligorio in 1552 and 1553 were far different in content, approach and representation, the Ligorio maps of 1561 add to the picture. One was apparently exactly duplicated by Braun and Hogenberg (Fig. 5). The other appears to be almost exactly the same as the Clüver map (Fig. 6) and it would certainly appear that the succeeding maps of Braun and Hogenberg and Clüver were derivative from the 1561 maps of Ligorio. It is interesting to note that subsequent maps of ancient Rome such as those of Stefano du Pérac in 1574, Mario Cartaro in 1579 and Giacomo Lauro in 1612 are far different in presentation and content.²⁰

Many of the techniques used by Clüver in *Italia Antiqua* had originally been used in *Sicilia Antiqua* on a smaller scale, but the presentation of maps is less co-ordinated in that there are only six maps at the beginning of *Sicilia Antiqua*, and these do not interrelate with the text in the same manner as in *Italia Antiqua*. It should be noted that these six maps are structured in the same manner as those in *Italia Antiqua* as to layout, presentation of the name of the 'auctore' (Clüver) and engraver (Geilkerck), marginal notation of latitude and longitude, method of visual effects and engraving.

The *Italia Antiqua* was republished by Bunon in 1659 and had further publication in Leiden in 1674 and 1724. Similarly, *Sicilia Antiqua* was republished by Bunon in 1659, apparently in conjunction with his version of *Italia Antiqua*, as well as in Leiden in 1723 and 1725.²¹

That other cartographers and compilers of atlases used maps prepared by Clüver is evidenced by the map contained in Blaeu's *Atlantic Appendix*, 1630, of 'Alpinae seu Foederatae Rhaetiae' which is also found in the Blaeu *Grand Atlas* of 1667 and in the Jansson *Atlas* of 1657-58. A number of other attributions of the same or other maps are traceable to other volumes.²²

It would appear to be inappropriate to claim, as do some sources, that Clüver was 'the founder of historical geography'.²³ This is particularly questionable in light of earlier efforts by

cartographers such as Ortelius to show the location of the ancient tribes in maps of modern European countries.²⁴ Indeed the lack of contact of Clüver with contemporaries in his field undoubtedly kept him from more complete and current scholarship. Nonetheless it seems clear that Clüver was an important contributor to the concept of the major benefits to be derived from the combination of extensive classical study with more modern geographical observations in order to reach conclusions concerning the application of geography in ancient times. The 'Method' of Clüver may even be a more important contribution.²⁵ Certainly, Clüver appears to have had significant impact on succeeding cartographers and producers of atlases such as Senex. In other words: 'Cluverius' *Geography* for school use held the field for a century, and his larger works were unsurpassed for the same time. He set the pattern for 'literary' geography for a long time to come.²⁶

References:

- 1 *A new General Atlas Containing a Geographical & Historical account of all the Empires, Kingdoms and other Dominions of the World with the Natural History and Trade of each Country. Taken from The Best Authors, particularly Cluverius, Brietius, Cellarius, Blaeu...* John Senex, London 1721, Introduction, p.1.
- 2 The spelling of his name varies according to language. Thus, it is 'Philippus Cluverius' in Latin. See Fockema, S.J., *Philippus Cluverius Geographus Academicus Leidensis* (1580-1623), *Koninklijk Nederlandsch Aardrijkskundig Genootschap*, v. 75, Jan. 1958 p. 19-29. Another Latin spelling is 'Philippi Cluveri' as noted on the Frontispiece of *Italia Antiqua* and the Frontispiece of *Sicilia Antiqua*. In French the spelling is 'Philippe Clavier'. See Nicéron, J.P., *Memoires Pour Servir a L'Histoire Des Hommes Illustres ...* Paris, chez Briasson, v. 21, 1733, p. 346-357. In Dutch the spelling is 'Filips Klüver'. See Fockema, supra, p. 21. The German spelling of 'Philipp Clüver' seems most widely accepted by all. See Lange, Gottfried, 'Philipp Clüver (1580-

1622)', In *Geographisches Taschenbuch*, Wiesbaden, 1962/63, p. 251-258.

- 3 Nicéron, supra, p. 346-347; Fockema, supra, p. 21; Lange, supra, p. 251-252; *Nouvelle Biographie Generale*, v. 9, Rosenkilde et Bagger, Copenhagen, 1964, p. 922; *Allgemeine Deutsche Biographie*, v. 4, Duncker & Humblot, Berlin, 1968, p. 353; Nicéron, supra, p. 346 indicates Clüver also studied in Germany.
- 4 Fockema, supra, p. 19, 22; Nicéron supra, p. 347; Lange, supra, p. 352.
- 5 Nicéron, supra, p. 347-348; Lange, supra, p. 252-254; *Allgemeine Deutsche Biographie*, supra, p. 353; *Nouvelle Biographie Générale*, supra, p. 922; Fockema, supra, p. 21.
- 6 Nicéron, supra, p. 348; Lange, supra, p. 253-255; *Nouvelle Biographie Générale*, supra, p. 922; *Allgemeine Deutsche Biographie*, supra, p. 353; Fockema, supra, p. 22.
- 7 Fockema, supra, p. 23, 25; Lange, supra, p. 254; Nicéron, supra, p. 351; *Allgemeine Deutsche Biographie*, supra, p. 354; *Nouvelle Biographie Générale*, supra, p. 922. See the edition of *Germania Antiqua* in the Bibliotheque Nationale in Paris.
- 8 Fockema, supra, p. 25; Lange, supra, p. 254; *Allgemeine Deutsche Biographie*, supra, p. 353-354; *Encyclopedia Britannica*, supra, v. II, p. 1013.
- 9 Fockema, supra, p. 19, 22, 23, 26; Lange, supra, p. 257, 258.
- 10 Lange, supra, p. 254, 255; Partsch, Joseph Franz Marie, *Philipp Clüver, der Begründer der Historischen Länderkunde*, Wien und Olmütz, Ed. Hölzel, 1891. See particularly the map of Clüver's wanderings in Italy at the end of this article.
- 11 Nicéron, supra, p. 347, 349; Fockema, supra, p. 25, 26; Lange, supra, p. 255.
- 12 Nicéron, supra, p. 349; Fockema, supra, p. 26.
- 13 *Allgemeine Deutsche Biographie*, supra, p. 353; *Nouvelle Biographie Générale*, supra, p. 922; Fockema, supra, p. 19.
- 14 Lange, supra, p. 255; *Encyclopedia Britannica*, supra, v. II, p. 1013; Nicéron, supra, p. 349.
- 15 *Allgemeine Deutsche Biographie*, supra, p. 354. Nicéron, supra, p. 353 and *Nouvelle Biographie Générale*, supra, p. 922, appear in error in attributing the first publication to 1629 inasmuch as the 1624 volume is

Fig 4. This map of Rome is unique to the Italian atlas. It is a graphic representation of a city reflecting the structures and does not show any latitude or longitude, cartographer or engraver. This map comes from Book III.





Fig 5 Shown here are the top and bottom portions of another map of ancient Rome from Braun and Hogenberg's *Civitates Orbis Terrarum* prepared by Pirro Ligorio. This map is very similar to that of Cluver and shows he must at least have studied it. This photograph is taken from the facsimile edition of the atlas of the World Publishing Co., New York, 1965





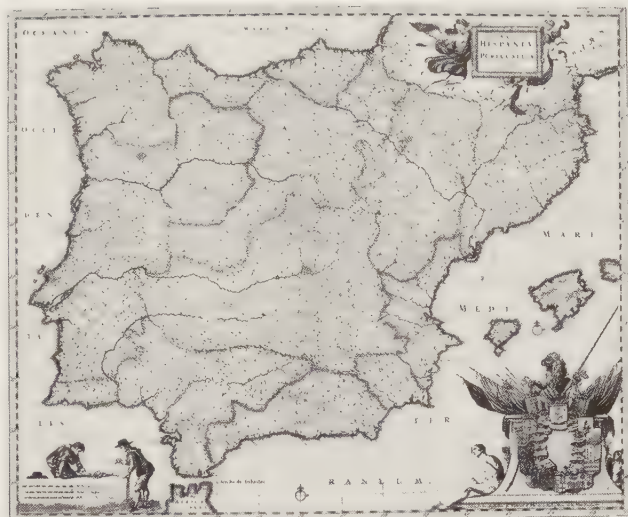
Fig 6. Another view of ancient Rome prepared by Pirro Ligorio which appears to be almost exactly the same as Clüver's map. Taken from *Le Pianta Di Roma*, Vol II, Pianta XVII, Tav. 26, Frutaz 1962.

- in existence. See the *National Union Catalogue, Pre-1956 Imprints*, v. 113, Mansell Information Publishing Limited, London, 1970, p. 121 and Lange, *supra*, p. 256. The Elzevirs edition of 1629 published in Leiden and the Hondius edition published in Amsterdam in 1629 cited by Nicéron are also reflected in the *National Union Catalogue*, *supra*, p. 121, together with an Elzevirs edition of 1627 in Leiden and an Iacobi Marci edition in 1628 in Leiden.
- 16 Lange, *supra*, p. 256, 257.
- 17 Lange, *supra*, p. 251 et. seq.; Nicéron, *supra*, p. 353; Fockema, *supra*, p. 26; *Encyclopedia Britannica*, *supra*, v. IV, p. 996.
- 18 It is interesting to note that the indexes to the three sets of *Italia Antiqua* examined at (a) the Library of Congress, (b) the University of Michigan Rare Book Room, and (c) owned by the author of this article by the good graces of his wife Carol as a 25th anniversary present, all fail to refer to the map which is inserted in page 217 of each of the same. The Library of Congress version in the lower left hand corner has added to it in ink 'Lib. I, Fol. 217'. The University of Michigan and the author's editions have engraved in the lower left hand corner 'Charta Haec Inferenda est Libro Primo Folio 217'. In all three instances this map is entitled 'Galliae Circum - Padanae et maximae Liguriaie partis descriptio auctore Phil Cluverio'. Further, the particularly fine copy

of the *Italia Antiqua* examined at the Bibliotheque Nationale in Paris neither includes this 'extra' map nor any index reference thereto.

- 19 Fockema, *supra*, p. 19.
- 20 *Le Pianta di Roma*, a cura di Amato Pietro Frutaz, Istituto di Studi Romani, Roma 1962. Pianta VI, Tav. 25; Pianta XVII Tav. 26; Pianta XXII, Tav. 37; Pianta XXIII, Tav. 51; Pianta XXVII, Tav. 59.
- 21 The *National Union Catalogue, Pre-1956 Imprints*, *supra*, p. 123.
- 22 For example, see *Catalogue of Printed Maps And Charts* in the British Museum, London, 1885, William Clowes & Sons, Ltd., p. 838; Tom. XV *Thesaurus Antiquitatem et Historiarum*, Joannis Georgii Graevii, Leiden, 1725 and the Clüver article on Sardinia and Corsica apparently quoted therein with two maps of those islands obviously derived from those of Clüver in *Sicilia Antiqua*.
- 23 *Encyclopedia Britannica*, *supra*, v. II, p. 1013.
- 24 See for example the Ortelius map dated 1590 in the possession of the author entitled 'Gallia Vetus Ad Iulij Coefaris commentaria ex Conatibus Geographicis Abrah. Ortelij' which is a map of France and the surrounding areas containing the locations of tribes of classic times and information concerning the same in some detail.
- 25 Lange, *supra*, p. 257, 258.
- 26 Fockema, *supra*, p. 19

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The History of the

by P.L. Barton

Phil Barton, who joined the National Library Service in 1965 and is now Map Librarian of the Alexander Turnbull Library in New Zealand, is probably the best qualified person to write about the history of the mapping of New Zealand as this is one of his main interests. He is an Englishman, born in Lincolnshire, but has made New Zealand his adopted home for the last thirty years. He is an associate of the New Zealand Library Association; affiliate of the Australian Institute of Cartographers and a Fellow of the Royal Geographical Society, not to mention being a member of the Australian Map Curators' Circle, New Zealand Mapkeepers' Circle and New Zealand Cartographic Society.

THE ISLANDS OF New Zealand and Chatham were discovered about 1,000 years ago by migrants who probably originated from eastern Polynesia. These people must have had a knowledge of astronomy and oceanic navigation, acquired by their ancestors during their long and extensive settlement of the scattered islands of the Pacific, and which involved them in canoe travel over long

distances. For example, Tupaia was able to give Captain James Cook detailed knowledge and directions of the islands in the Tahitian region of the Pacific in 1769.

Maori Mapping

The migrants and their descendants (the Maori) made no known return voyages to the island or islands of their origin nor visits to other islands in the Pacific. Their expertise in astronomy and oceanic navigation was no longer practised although the Maori knowledge of astronomy was used to practical effect in the planting of crops and for other activities.

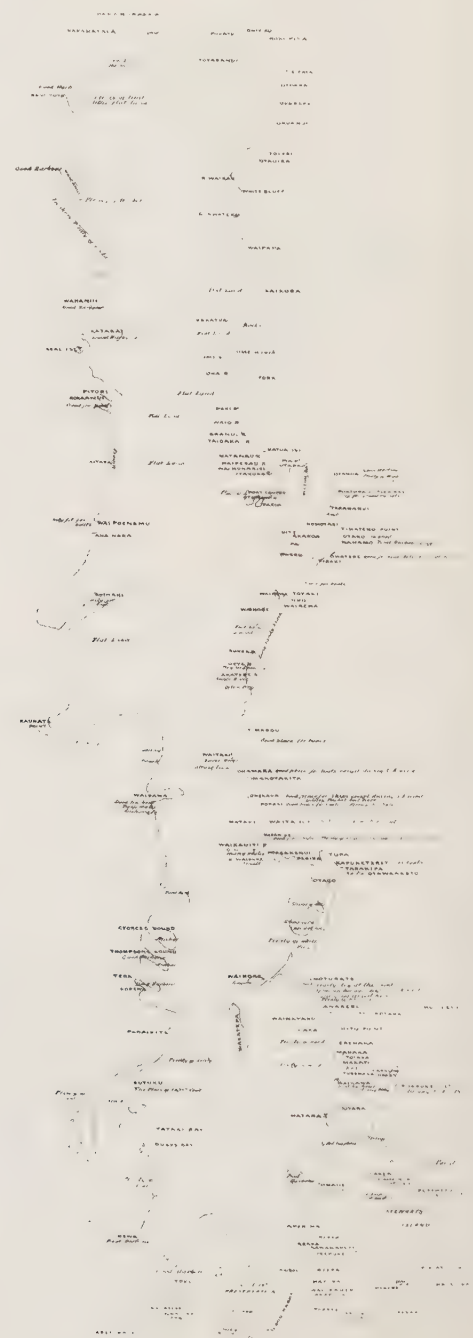
The way-finding ability used at sea had to be adapted to the land. Survival required this ability to be used to find food and materials for artifacts — wood and suitable rock. Food and timber sources were easy to locate but rock sources took much exploration before location. The rock sources are situated on two of the offshore islands and in the North and South Island are sited in forest covered rugged mountainous country. Probably centuries

Reduced manuscript map (56 x 44cm) drawn circa 1910 either from original (or copy of map) drawn by Otago Maoris when in Wellington in November 1841 for Edmund Storr Halswell. The original was sent to the editor of the *New Zealand Journal* (Henry Samuel Chapman) probably in the care of Charles Heaphy who travelled in the *Balley* which left Wellington on 28 November 1841. The map was received by Chapman who passed it to the Secretary of the New Zealand Company. Extensive inquiries in Britain have failed to locate the original or copy.

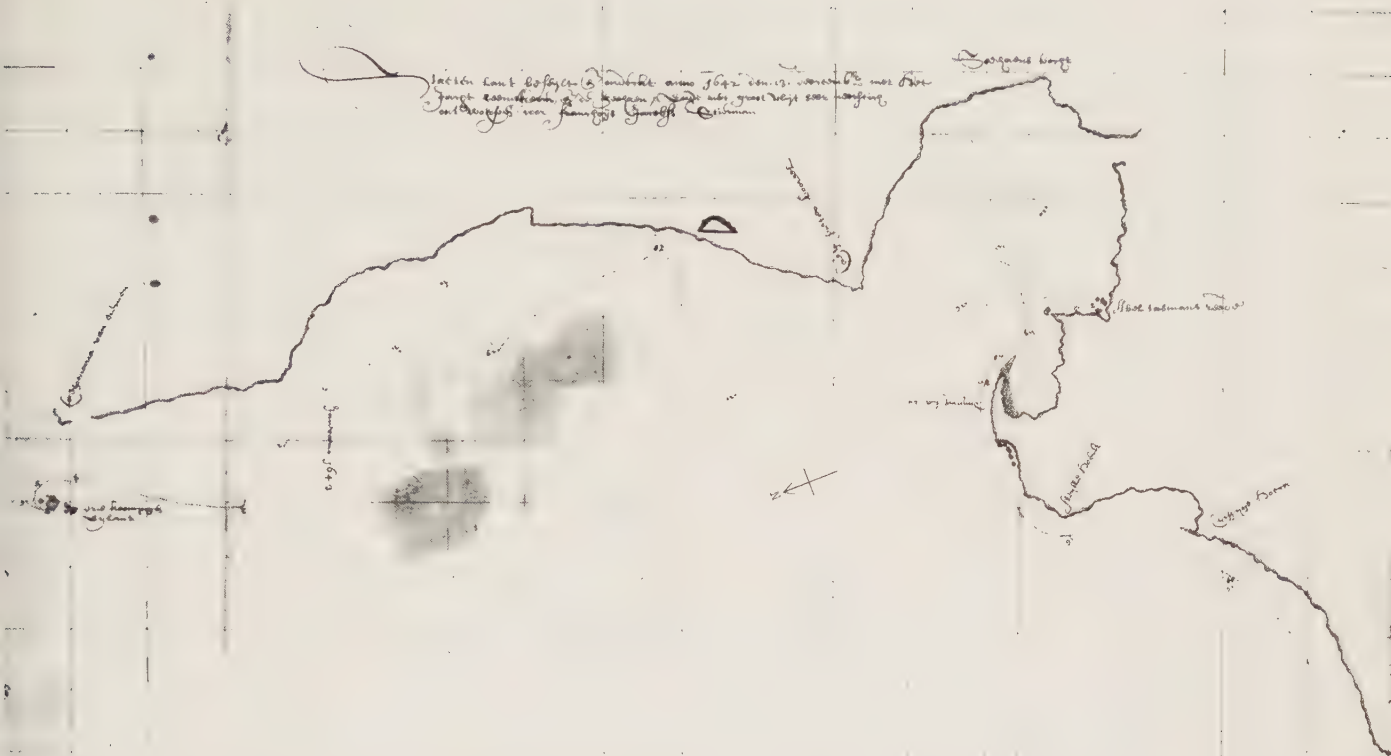
The Maori cartographers were familiar with the South Island coastline and this is emphasised. It is probable that the Maoris did not know the interior of the South island well which accounts for the lack of detail. The map is subjective. Harbours on the sheltered east coasts of the South and Stewart Islands are very much enlarged which stresses their importance in the minds of the cartographers. This extension probably represents in the minds of the cartographers the difficulties in sailing round these headlands in canoes or whaleboats because of prevailing westerly winds and rough seas. Weather systems in the New Zealand area travel from west to east often accompanied by strong winds from south through to north west. (Reproduced by permission of the Alexander Turnbull Library, Wellington, N.Z. Reference: 834&p/1841/Acc.527.)

MIDDLE ISLAND

NEW ZEALAND



Mapping of New Zealand



This manuscript map (36 x 48cm) entitled: *Staeten lant beseijlt en ondtect anno 1642 den 13 December met Het Jacht heemskerck en de zeehaem ...* possibly by Visscher shows the extent of the Dutch rediscovery of New Zealand. Note the gap in the coastline where open water was suspected but not investigated. (This map is in the Huydecoper Journal and is reproduced by permission of the Mitchell Library, State Library of N.S.W. Sydney, Australia. Reference: Safe 1/72; CY reel 179, frame 431.)

passed before all known rock sources were located. Chips and artifacts made of rock from these sources occur on former Maori occupation sites throughout New Zealand and on the offshore islands.

The Maoris thus acquired a geographical knowledge of New Zealand. They gave an extensive topographical nomenclature to physical features throughout the islands. Such a detailed naming system enables a geographical reference framework to be constructed into which can be fitted named physical features in their true relationships to one another, and consequently the Maoris were able to construct cognitive or 'mental maps'. They were able to guide European missionaries, explorers and surveyors throughout both islands and were able to illustrate the geography of the land to some travellers by drawing rough maps in sand, dust and on paper. The Maoris in the South Island knew and used the principal low passes across the Southern Alps and were able to guide Europeans across the passes and tell them of their existence and location.

There are no examples known of Maoris drawing maps for the education of their fellows but the fact that they did this for Europeans using primitive materials suggests that they were familiar with such practice. There was no written Maori language until the Europeans supplied one in 1820. The drawing of an outline of part of New Zealand could therefore act as a mnemonic aid — the shape acted as a reminder and the known and named physical features could then be easily illustrated on the map. The Maoris had very well developed memories and with the extensive naming of physical features as well as geographical knowledge, they were able to construct rough maps.

They made a considerable contribution to the mapping of New Zealand by acting as guides and by providing verbal and written information on the names of the numerous physical features. During the surveying of the North Island particularly, Maoris acted as assistants and guides to the surveyors and must have provided much information.

Early European coastal mapping

The first known Europeans to rediscover New Zealand were the

Dutch crews of the *Heemskerck* and *Zeehaen* in December 1642. Commanded by Abel Janszoon Tasman, the vessels left Batavia (now Jakarta) for Mauritius, then sailing south of Australia and rediscovering Tasmania and New Zealand. Landfall was made off the west coast, South Island, probably in the latitude of Hokitika-Okarito. The vessels sailed north along the coast, rounded Farewell Spit and entered Golden Bay, anchoring between Ligar Bay and the Tata Islands. After an abortive attempt to become friends with the local Maoris (which resulted in a skirmish) the vessels sailed into Cook Strait but because of adverse winds could not investigate a suspected passage to the south east. They then sailed along the west coast of the North Island to its northern extremity and on into the Pacific.

Two maps exist showing the New Zealand rediscoveries (parts of the west coasts of the North/South Islands) — one thought to be possibly by Tasman and the other possibly by Franchois Jacobsen Visscher, the Chief Pilot. Names were given to prominent physical features on the coastline. Visscher's map shows a break in the coastline where a suspected passage (Cook Strait) existed but Tasman's map shows no such break. The longitude was reckoned from the Prime Meridian, which passed through the island of Tenerife, Canary Islands 16° 39' west of Greenwich.

Tasman's voyage corrected Gerard Mercator's northward extension of Terra Australis Incognita shown on his 1569 world map. Willem Jansz Blaeu's 1645-6 world map shows Tasman's discovery of New Zealand in print for the first time but it is not shown as part of, or connected to, Terra Australis. The myth of continent was not to die! Cartographers such as Vincenzo Maria Coronelli continued to show Terra Australis with New Zealand connected to it although by now the continent had shrunk. The first known textual reference to the discovery appears on a Blaeu map *Archipelagus Orientalis Sive Asiaticus* 1659.

The next known Europeans to visit New Zealand were the crew of the *Endeavour* commanded by Captain James Cook. After leaving Tahiti Cook sailed west in mid southerly latitudes disproving any northward extension of the continent in the South Pacific. Landfall was made off the east coast of the North Island near Gisborne in October 1769, and the vessel circumnavigated



Cook's manuscript map (51 x 50cm) of New Zealand 1769-70. Note the three minor blemishes: Banks Peninsula is an island; the South Island is narrow waisted; Stewart Island is shown as possibly joined to the South Island. (Reproduced by permission of the Dept of Manuscripts, British Library, London. Reference: B.L., Add. 7085, f.17.)

New Zealand and left its waters in March 1770. Cook drew a number of maps of parts of the New Zealand coastline but probably his most important map is the one of the two main islands. New Zealand was finally put on the world map! Cook's remarkably accurate map has only three minor blemishes: Banks Peninsula was thought to be an island; the South Island is too narrow-waisted because stormy conditions drove the *Endeavour* away from the coast and probably only the foothills of the Southern Alps were seen and thought to be the coast and finally, the crew were not sure whether Stewart Island was connected to the mainland. This island is shown connected to the mainland by a dotted line. Cook reckoned longitude from Greenwich. He visited New Zealand again during his second and third voyages and made other maps of parts of the coastline.

After the return of the *Endeavour* to England Cook's map of

New Zealand was printed and published in John Hawkesworth's *An account of the voyages ... for making discoveries in the southern hemisphere ...* Vol. II, London, 1773, facing p.281. The map (50 x 39cm) is entitled: *Chart of New Zealand explored in 1769 and 1770, by Lieut: I: Cook, Commander of His Majesty's Bark Endeavour. Engraved by I. Bayly.* It is a collector's item because it is the first printed map showing the whole of New Zealand. Another map (25 x 20cm) entitled: *Map of the coast of New Zealand discovered in the years 1769 and 1770, by I. Cook, Commander of His Majesty's Bark Endeavour* [B. Longmate, sculpsit] appears as Plate XXV in Sydney Parkinson's *A Journal of a voyage to the south seas ...* London, 1773.

Cook's map of New Zealand was subsequently published in France, Holland and Italy — this is hardly surprising because the accounts of his voyages were translated into a number of

European languages. The map (35 x 24cm) was published in France under title: *Carte de la Nouvelle Zeelande. Par M. Bonne, Ingénieur-Hydrographe de la Marine* and appears as Plate 133 in Rigobert Bonne's and Nicolas Desmarest's *Atlas encyclopédique ... la géographie acienne ... la géographie moderne ...* Paris, 1778. Whilst Bonne's map may be a collector's item it is eclipsed by the delightful map of New Zealand by Antonio Zatta. The map (45 x 36cm) entitled: *La Nuova Zelanda trascorsa nel 1769, e 1770. Dal Cook Commande dell' Endeavour Vascello di S.M. Britannica* appears as Plate 16 in Zatta's *Atlante novissimo Tomo I ...* Venice, 1779. The map was printed in Venice in 1778. The map has a delightful cartouche in the top left hand corner with a south sea island scene more reminiscent of Tahiti than New Zealand. In the same volume (Plate 12) is Zatta's *Nuove scoperte Fatte nel 1765, 67 e 1769 nel Mare del Sud* Venice, 1776. This map (31 x 41cm) of the South Pacific has a cartouche in the bottom right hand corner showing island botanical and seashore life, with a native canoe, the *Endeavour*? and sharks on the sea. Its main New Zealand interest is that it shows the *Endeavour* passing between Banks Island and the South Island. Another interesting map (49 x 36cm) is Giovanni Maria Cassini's *La Nuova Zelanda delineata sulle osservazioni del Capitan Cook Rome*, 1798. The map was published in Cassini's *Nuovo atlante geografico universale ...* Rome, 1792-1801, Tomo 3, Plate 35. This map has a cartouche in the top left-hand corner showing members of the *Endeavour*'s crew with native inhabitants of an island with a vessel on the sea in the background. The copper plates for this and other Cassini maps were still held in the Calcografia Nazionale, Rome in 1970. 'Pulls' can still probably be obtained on request. A Dutch version of Cook's map (48 x 38cm) entitled: *Kaart van Nieuw Zeeland in de Jaaren 1769 en 1770 besogt door den Luitenant J. Cook met het schip de Endeavour* was published as Map 6 in the atlas which accompanies Cook, James, *Reizen rondon de wereld, door James Cook, vertaald door J.D. Pasteur ...* Amsterdam, 1803.

The French vessel *Saint Jean Baptiste* commanded by Jean-Francois-Marie de Surville, who did not meet Cook, visited Doubtless Bay (in the extreme north of the North Island) in

December 1769. Surville drew a map of the bay and of the northern part of the North Island. Two more French vessels the *Marquis de Castries* and *Mascarin* commanded by Marc Joseph Marion du Fresne were at the Bay of Islands in May-July 1772 and maps of the bay and the northern part of the North Island resulted. Fiordland, South Island, was visited by the *Discovery* commanded by George Vancouver and the *Chatham* commanded by William Robert Broughton in 1791. Later in the same year both vessels discovered The Snares Islands. The *Chatham* also discovered the Chatham Islands in 1791. In 1793 the *Descubierta* and *Altrevida* commanded by Alejandro Malaspina visited Fiordland and a map of Doubtful Harbour resulted.

The establishment of a convict settlement at Port Jackson (now Sydney) in 1788 provided a base from which for the first time commercial interests could exploit New Zealand. Flax traders, sealers and timber merchants were active in the New Zealand area from the late eighteenth century. Their impact on the mapping of New Zealand would have been much greater had not the secrecy which surrounded their activities been necessary. Commercial rivalry was fierce and sources of supply or trade were kept secret. Information was passed on verbally and not committed to paper for fear that it fall into the wrong hands. The written information that has survived suggests that parts of the New Zealand coastline were well known by the second decade of the nineteenth century — Fouveaux Strait, Fiordland and the West Coast particularly.

The strait (Fouveaux Strait) separating Stewart Island from the mainland was discovered in 1804. Banks Peninsula was discovered not to be an island when the *Pegasus* attempted to sail between it and the mainland in 1809. Two of the minor blemishes on Cook's map had been rectified! The Bounty Islands were discovered in 1788, the Antipodes Islands in 1800, the Auckland Islands in 1806 and Campbell and Macquarie Islands in 1810, making discovery of land within the New Zealand region complete.

Information on the New Zealand coastline and outlying islands from various sources found its way to Britain and was published in the form of printed maps. The first official map of New Zealand was published by the Hydrographer of the Navy in 1816. It is

Manuscript maps (29 x 42cm) 1806 showing O.F. Smith's discovery of 1804 that Stewart Island was separated from the South Island by a strait later called Fouveaux Strait. Bench Island in Ruapuke. The Maori name for Stewart Island is Rakiura — a suggested meaning is 'glowing sky' possibly because of the long sunsets experienced during the long twilight of summer months. The Aurora Australis can also be seen from the island and this is possibly another explanation of 'glowing sky'. (Reproduced by permission of the Alexander Turnbull Library, Wellington, N.W. Reference: 835aj/1806/Acc.92.)

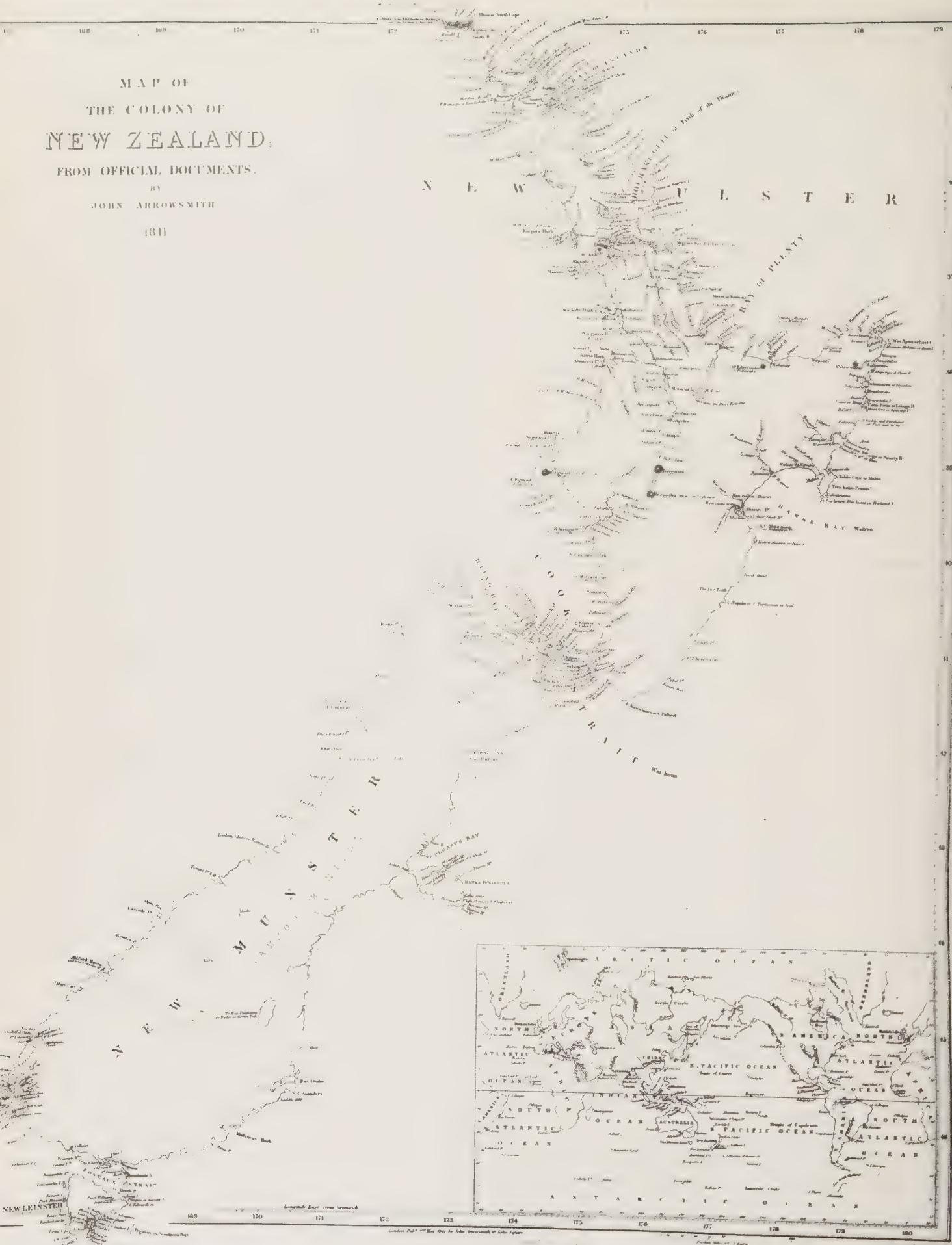


MAP OF THE COLONY OF NEW ZEALAND:

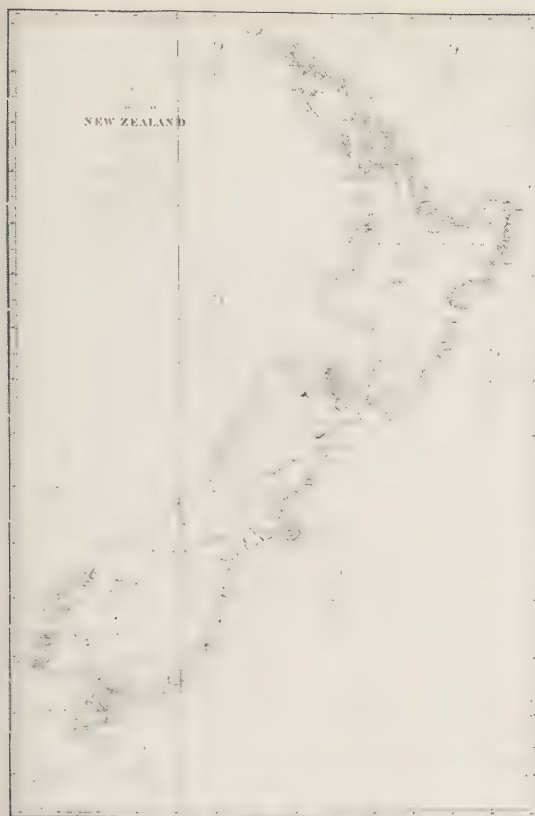
FROM OFFICIAL DOCUMENTS.

BY
JOHN ARROWSMITH

1841



Arrowsmith's map (61 x 49cm) of New Zealand 1841. It does not show any mythical features which appear on McDonnell's map of 1834. (Reproduced by permission of the Alexander Turnbull Library, Wellington, N.Z. Reference: 830a/1841/Acc.4631.)



Part of the first accurate and detailed map (95 x 62cm) of New Zealand based on surveys of the *Acheron* and *Pandora* 1856. (Reproduced by permission of the Alexander Turnbull Library, Wellington, N.Z. and the Hydrographer of the Navy, Ministry of Defence, Taunton, England. Reference: 830&j/1856/Acc.575.)

basically Cook's map of New Zealand. Later editions with improvements followed in 1838 and 1846. Thomas McDonnell's map of New Zealand published by James Wyld I in 1834 contains several mythical features: MacDonnell's Cove (probably a displacement of the former Ahuriri (Napier) harbour) in Hawke's Bay, North Island. On the north coast of Foul Bay appears an inlet called Knowsley River the present Te Waewae Bay. This may have been derived from a small gap in the coastline in this region which appears on Cook's map. Such mythical features continue to appear on maps published by James Wyld II during the 1840's. John Arrowsmith, a very reliable cartographer does not include these features in his 1841 map of New Zealand. This is probably the most accurate map of New Zealand published to date.

Collectors of New Zealand maps probably know that the most prolific publishers (of maps) in Britain were the Wylds. Their first map of New Zealand entitled: *To the Right Honble. Thos. Spring-Rice, Secretary of State for the Colonies, &c., &c., &c., this chart of New Zealand from original surveys is respectfully dedicated by his very obedient servant Thomas McDonnell, Lieut., R.N.* Engraved by Jas. Wyld, Charing Cross East. London. Published Oct. 31, 1834 by James Wyld, Geographer to the King, Charing Cross East. The map (78 x 54cm) is not common. A second edition was published in 1839. In Britain a copy of the first edition is held by the Hydrographer of the Navy And a second edition by the Public Record Office, London.

The first known issue of the 'third edition' was published on 9 February 1840. It is entitled: *To the right Honourable the Secretary of State for the Colonies, &c., &c., &c., this chart of New Zealand is respectfully dedicated by his very obedient servant James Wyld.* The map (77 x 54cm) has Wyld's name substituted for that of McDonnell. McDonnell's name was retained on the second edition. From the New Zealand end the 'third edition' appears to have been produced from an updated copper plate from which the first and second editions were produced.

The saga of the 'third edition' is a complex one and has yet to be studied in detail. As New Zealand became settled and the coastline and interior better known so the copper plate was updated — but still the 'third edition' was published at least until

1864. Sixteen issues of the 'third edition' are known — four of which are not listed in R.V. Tooley's *The mapping of Australia* 1979. There may be other unknown 'third editions'. Two later revised editions of the map of 1865 and circa 1870 were published.

The Wylds were also responsible for the publication of a large folding map of New Zealand. This is not listed in Tooley and may possibly be unknown outside New Zealand. The map has the same mythical features — which disappear from all Wyld maps by 1850. This map (114 x 84cm) is entitled: *The Islands of New Zealand from the Admiralty surveys of the English and French marine, from the observations of the officers of the New Zealand Company and from private surveys and sketches compiled by James Wyld ...* and was first published in 1841. Later updated editions were published in 1846?, 1849?, 1851?, 1860? and 1865. There may possibly be other unknown editions of this map. All of the editions listed are in the map collection at the Alexander Turnbull Library.

Probably the most accurate privately published maps of the period were those by John Arrowsmith. The first edition was published in 1841 with later editions in 1843, 1844, 1850, 1851, 1853 and 1858. Two of these editions are not listed in Tooley. John Arrowsmith was a scientific cartographer whose maps of New Zealand included only that which had been surveyed or reported by reliable observers. None of the Wylds mythical features appear on these maps.

Finally there is the Tallis map (35 x 26cm) of 1851. This is a very attractive decorative map with four etchings of New Zealand scenes — two on each side of the map. The map is often available coloured though it was originally issued in black and white. This is a suitable map for framing and hanging.

Expeditions, mainly French, visited New Zealand before organised settlement began in 1840 and contributed to the mapping of its coastline. The *Coquille* 1824 commanded by Louis Isidore Duperrey, the *Astrolabe* 1827 and the *Astrolabe* and *Zélee* 1840, both expeditions commanded by Jules Sébastien César Dumont D'Urville, *Favorite* 1831 commanded by Cyrille Pierre Theodore Laplace and the *Héroïne* 1838 commanded by Cécille made contributions. The maps from the visit of the *Astrolabe* in 1827 are the most numerous and detailed. The Atlas: *Voyage de la Corvette l'Astrolabe* 1833 published with the account of the voyage contains some outstanding examples of maps of the New Zealand coastline produced from engraved copper plates.

Fine examples of the *Astrolabe* survey are: *Carte générale de la partie de la Nouvelle-Zélande* (88 x 60cm) *Carte générale de l'Océan Pacifique dressée par M.M. D'Urville et Lottin* (61 x 93cm). There are a number of other fine maps of the New Zealand coastline from the *Astrolabe* survey. The Musée de la Marine, Paris, still holds the copper plates from which 'pulls' can be obtained of the maps of the surveys carried out by the *Coquille* and *Astrolabe* (1827).

Detailed coastal mapping

Organised settlement began in 1840 and resulted in far more marine traffic in New Zealand coastal waters. The coastline and near islands were not accurately mapped and there were numerous shipwrecks which were probably partially due to this reason and partially due to the very rough weather which can be experienced in these waters.

There were no facilities in the country for surveying the coastline nor for the production of maps and surveys could only be carried out by Royal Navy vessels. The Hydrographer of the Navy became responsible for both surveying and the production of maps. The *Acheron* commanded by John Lort Stokes surveyed parts of the New Zealand coastline 1848-51 and the *Pandora* commanded by Byron Drury 1851-4. Numerous accurate maps were published of the coastline by the Hydrographer.

These maps were continually updated as a result of a number of surveys of the coastline carried out by Royal Navy survey vessels up to 1939. There was, of course, no surveying carried out on a grand scale such as that done by *Acheron* and *Pandora*. Modern maps of anchorages in Stewart Island and Dusky and Breakea Sounds, Fiordland, are still largely based on *Acheron* surveys carried out 1849-51. In 1950 the Hydrographer, Royal New Zealand Navy, became responsible for the surveys and production of maps of the coastline and the vessel *Lachlan* has carried out extensive surveys. This vessel has recently been replaced with the

Monowai which is equipped with the latest in electronic survey gear.

Mapping the land surface

Before organised settlement began in 1840 no surveying or mapping of the land surface of New Zealand had been carried out. Missionaries had traversed the North Island with Maori guides and some of the more significant physical features in the interior were known. The interior of the South Island was *Terra Incognita*.

The New Zealand Company established enclaves in the North Island: Wellington 1840. Wanganui 1841, New Plymouth 1841; South Island: Nelson 1842. Organised settlement began in Dunedin in 1848 and Christchurch in 1850. The North-Island enclaves clung periously to the coastal periphery. Large blocks of land had been bought from the Maoris but a considerable time elapsed before the land was surveyed and settled. The settlers arrived at Wellington before the survey for the new town was complete.

Surveys beyond the immediate settlements of Wellington, Wanganui, New Plymouth and Nelson proceeded slowly. In the Wellington area the land was rugged, mountainous country dissected by swift streams and covered with dense rain forest and the mountains were often lashed by gales accompanied by heavy rain. The land in the vicinity of the other settlements was somewhat less rugged but in the Christchurch and Dunedin areas there was little forest cover.

These natural hazards had to be faced by surveyors who had had little experience of such conditions. Those brought out by the company had come from the Royal Engineers, the Ordnance Survey, the Irish Branch of the Ordnance Survey and some had experience of surveying in India. Inexperienced survey assistants were recruited locally.

Land had been hurriedly bought from the local Maori tribes and this was to cause future problems. The land was owned communally by the Maoris and compensation had to include all members of the tribe. The matter was complicated in New

Plymouth and Wellington by the conquest of those areas by an invading force from the north during the 1820's. These land issues were complex and resulted in war which held up surveys and settlement.

Surveys were made by traversing with chain and compass. In forest areas this meant cutting traverse lines. Theodolites were seldom used and there was little triangulation. The nature of the land, the inexperience of the surveyors with an alien topography plus political meddling, hampered and slowed down the surveys which were mainly carried out in the spring, summer and autumn. During the winter the results of the surveys were put onto paper and it seems to have been New Zealand Company practice to make two copies of survey maps — one to be kept in the local office and the other sent to the New Zealand Company in London. The maps sent to London are now in the Public Record Office.

The land in the Wairarapa and Hawke's Bay was only partially covered by forest. These areas are situated east of the North Island main divide and are drier and suitable for sheep farming, which began soon after settlement in Wellington. Lands rented from the Maoris by the sheep farmers were eventually bought by the government and had to be surveyed. During the 1840's to 1860's surveyors were active in these areas. The provinces of Marlborough, Canterbury and Otago situated east of the South Island main divide were also suitable for sheep farming.

By 1850 little of New Zealand had been surveyed and what had been done was by different methods and not co-ordinated. In 1852 the country was divided into six provinces later to become ten with each province being semi-autonomous and responsible for its own surveys. The settled parts of New Zealand were geographically isolated and inadequate communications meant that the central government could not be fully effective so much of government was provincial. Under provincial control little progress was made with the surveys except in the provinces of Wellington and Otago. Most of Wellington province was triangulated from a measured baseline as the chief surveyor Henry Jackson had gained extensive survey experience in the Indian Navy. The province of Otago was

The first map (51 x 72cm) of the town of Wellington 1840. Signed by William Mein Smith. The street plan of this part of the present city is similar to that on this map. (Reproduced by permission of the Alexander Turnbull Library, Wellington, N.Z. Reference: 832.4799gbbd/1840/Acc.317.)



also triangulated from a measured baseline and here the chief surveyor, John Turnbull Thomson, had previously gained experience during the triangulation of India and also in Singapore. He personally made several reconnaissance surveys into the interior of Otago — these were as much explorations as surveys, for in New Zealand in the last century the surveyor was often explorer as well.

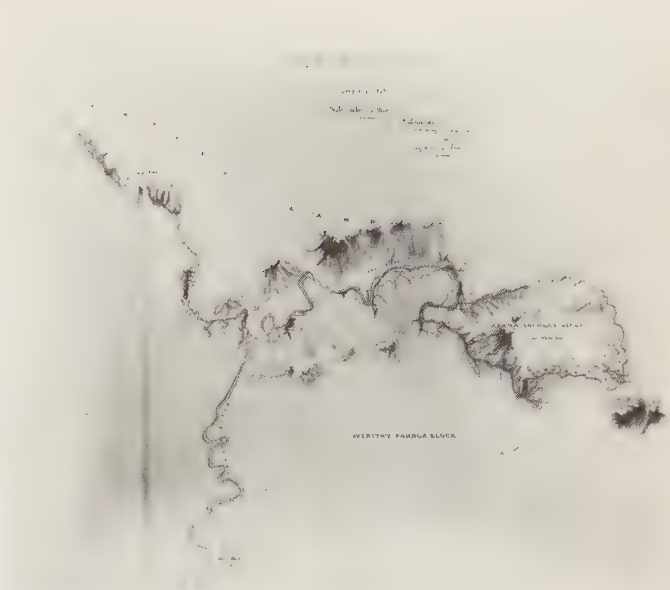
A report on the state of the provincial surveys was made to the central government by Major Henry Spencer Palmer, R.E. in 1875. Palmer and party had observed the Transit of Venus at Burnham near Christchurch in December 1874. (By observing the time taken for the transit of the planet Venus across the disc of the Sun calculations can be made of the distance of Earth from Sun.) He described the provincial surveys as chaotic and not co-ordinated and recommended that the central government become responsible for all the surveys and that a surveyor general be appointed. In 1876 the provincial governments were abolished and the control of surveys and the production of maps was vested in an office of the central government with the first surveyor general being J.T. Thomson.

The land wars in the North Island retarded surveying and settlement. A large area of land in the Waikato and Taranaki was confiscated by the government to punish the warring tribes. Surveying in the North Island proceeded slowly and was not completed until after 1900. In the South Island the Maori population was sparse and the land easily bought from them. The terrain was a major obstacle to the surveys on the West Coast. Gold was discovered during the 1860's in Otago and on the West Coast and resulted in rapid settlement in which surveyors had to take an active part. The more rugged parts of the South Island (particularly Fiordland) have not been accurately surveyed until recently because of the enormous size of the task. On the West Coast an official explorer (Charles Edward Douglas) was employed to explore and survey the mountain valleys and to discover passes across the main divide during 1880-1910.

The Vogel public works programme and the financial boom during the 1870's opened up parts of New Zealand for settlement. Extensive surveying was carried out in Otago and Southland. Stewart Island did not escape! Whole townships were delineated on paper but came to nought! The successful use of refrigeration in 1882 to export frozen meat and dairy products to Europe had a tremendous impact on the land. Settlements developed around the frozen meat and dairy industries and the surveyor was in the vanguard. Large areas of forest in both islands were deliberately burnt to provide pastoral land for cattle and sheep.

Surveying in New Zealand until the 1930's was essentially geared to providing land (with title) for settlement or for public works and map production was mainly in the form of sale or cadastral maps. Though maps of the whole of New Zealand were published showing the topography, little large scale topographic mapping was published except for military purposes during the First World War. Topographic plans were drawn by surveyors and exist in manuscript form but as there was no requirement they were not published.

The advent of aerial photography and adequate funding in the mid 1930's meant that large scale topographic mapping of the country could seriously begin. The first 1:63 360 sheet for the Napier and Hastings area was published in 1939. The first map for recreational purposes was published in 1936 — *Trampers' map of the Tararua Mountain system*. The Second World War and the threat of a Japanese invasion caused the topographic mapping programme to be accelerated. The scheme to cover the three main islands with 1:63 360 maps proceeded slowly until the mid 1960's and afterwards the programme was speeded up. Complete coverage of the two main islands (excepting Stewart Island) was achieved in 1976. The 1:63 630 series employs a separate grid for both the North and South Islands. In 1977 the first metric 1:50 000 map was published by the Department of Lands and Survey. It is hoped to cover the country in about twenty-five years issuing about sixteen sheets per year. The new metric series employs one grid to cover the three main islands.



Part (64 x 72cm) of a large manuscript topographical map of the confluence of the Pahaoa and Wainuioru Rivers and environs, south west Wairarapa 1861. Note relief detail. (Reproduced by permission of the Dept of Lands & Survey, N.Z. Reference: Head Office map collection: W22.)

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- Barton, P.L. 'A bibliography of material relating to the surveying and mapping of New Zealand' in SLA Geography and Map Division *Bulletin* 109, p.24-32 (Sep 1977). There is no detailed history of the surveying and mapping of the land surface of New Zealand. Mr B.R. Patterson, Dept of Geography, Victoria University of Wellington is currently completing a PhD thesis on the surveying and mapping of Wellington Province 1840-76. He has been engaged by the Dept of Lands and Survey to write a two volume history on the surveying, mapping, land administration and settlement of New Zealand. This project hopefully will be completed by 1985.



Oronce Finé's heart-shaped world map engraved by J. P. Cimerlinus, Venice 1566, one of the sixteenth-century maps in the Doria Atlas, sold on 15th April, 1980, for £140,000.

Sotheby's are always pleased to give advice upon rare and important atlases and maps, either with a view to sale or for valuation. Suitable single items or entire collections can be accepted at any time for inclusion in their special travel sales, which are held several times a year.

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Tooley's open in Museum Street

A PARTY WAS held to mark the opening of a new map and print gallery in Museum Street, London WC1 recently. 250 people from many different countries attended and were representative of the map trade, universities and libraries.

The gallery is named simply Tooley's after its president, Ronald Vere Tooley, and its resident map dealer is Douglas Adams, Mr Tooley's stepson.

The attractive five-storey building is in the heart of Bloomsbury village which until two years ago was under threat of demolition to make way for proposed new premises for the British Library, now to be sited in Euston Road. Over the last year, Tooley's have renovated the building to recapture its Victorian charm and are already receiving visitors from all over the world.



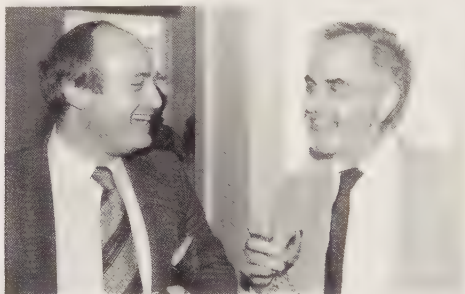
Pictured at the party to celebrate the opening of Tooley's in Museum Street, are four people very much involved in the world of cartography. They are from left Rodney Shirley, author and collector, Brian Harley, one of our editorial advisors from the Geography Department at Exeter University, Sarah Tyacke of the map room at the British Library and Roger Fairclough, map librarian at the Cambridge University Library.

A Facsimile Edition of Saxton

IT TOOK THE Collectors Library of Fine Art over a year to complete production of the facsimile limited edition of Christopher Saxton's famous *Atlas of England and Wales*. It was finally launched in December by Ronald V. Tooley.

The launch was held at the Baynton-Williams Gallery in London where guests could examine the beautiful facsimile atlas with each map reproduced by colour lithography on specially made laid paper. The hand binding was in fine calf with gold leaf and buckram and each copy had a numbered bookplate signed by Mr. Tooley. The edition is limited to 500 copies only after which all plates will be destroyed. The published price is £395.

The atlas facsimile was produced to mark the quartercentenary of the publication of Saxton's original atlas. Further information can be obtained from Frances Loudon, Collectors Library of Fine Art, 10 Conduit Street, London W1.



Sharing a joke at the opening of Tooley's are Yasha Beresiner (left), Stanley Gibbons Antiquarian, and Richard Arkway (right) map and book dealer from New York.



Pictured on the roof garden of Tooley's new shop are Peter Barber (left) of the manuscript department at the British Library and Ralph Hyde of the Guildhall Library.

Journal moves to America

TERRAE INCOGNITAE, the annual journal of geographical exploration and discovery, which has been printed in Amsterdam for the past ten years, is now to be published by Wayne State University Press in the USA.

This journal, which is of interest to researchers in many fields including American history, European expansion and colonisation, anthropology and geography, was first issued in

1969. Wayne State University Press assumes publication with Volume 11. The editorial offices are at the William L. Clements Library of the University of Michigan, Ann Arbor, with Douglas W. Marshall as editor.

To mark the new publication arrangement the society for the History of Discoveries has established an award of \$200 for the best article to appear each year beginning with Volume 12. The editorial board will constitute the selection committee and the prize will be presented at each annual meeting of the Society. For details of membership write to Barbara B. McCorkle, Secretary, Society for the History of Discoveries, 45 Mill Rock Road, Hamden, Connecticut 06511, USA.

Washington Map Society

THE WASHINGTON MAP Society held its fourth and final meeting of the 1979-80 year on April 8, 1980. The programme featured an illustrated talk by Jonathan Lanman entitled 'The Seaway to Japan'. He showed original maps and slides of other maps and views from his personal collection.

New officers elected for 1980-81 were Chairman, Jonathan T. Lanman, MD., Vice Chairman and Programme Chairman, Andrew Modelski, Bibliographer, Geography and Map Division at the Library of Congress, and Secretary/Treasurer, Ronald E. Grim, Ph.D Cartographic Archives Division, National Archives and Record Services.

Historical Map Society

THE DEATH OF one of its most valued members, Dr Coolie Verner, has saddened the Historical Map Society of British Columbia.

Frances Woodward, the chairman, described Dr Verner as a 'leader in the field of historical cartography.' The only bright note, she told members, was that the Society were able to give him a copy of *The North-part of America* a few days before his death. That is the book which he wrote with Basil Stuart Stubbs.

In November, the speaker at the Society's

meeting was Richard Malinski whose subject was John Purdy's 'Map of Cabotia'. Frances Woodward spoke at the January meeting on 'Mapping the Kootenay District,' and the annual meeting was due on March 24 when there were slides and a social.

The Society is sponsoring another lecture series for the University of British Columbia Centre for Continuing Education. It began in mid-January and is titled 'Introduction to Map Collecting.'

Around and About

NEWS



Maps and Prints Fair

FOR THE FIRST TIME, a maps and prints fair is to be held at Caxton Hall, London, on June 21st. It is being staged by London Exhibitions (Medals) who have previously held successful antique medal fairs.

Many map dealers are taking stands at the fair and 'The Map Collector' also hope to be there. It is envisaged that this will be the first of many such fairs catering for the growing interest in antique maps and prints.

first day. Chairman of the organising committee is My Raymond O'Shea of Baynton-Williams in Belgravia.

A map collectors symposium is to be held at the Albany Hotel, Birmingham, on Thursday June 5. This is the first one of its kind and is being sponsored by Stanley Gibbons. Lectures will be given by Ms Jill McCulla, head of the local studies department at the Central Library of Birmingham, who will speak on the subject of 'Birmingham — On and Off the Map', and Mr John Booth, author of *Antiquarian Maps in Wales* and *Looking at Old Maps*, speaking on 'Pitfalls in Collecting.' Visitors will also have the chance to see a display of maps from Birmingham Museum.

Ralph Hyde of the Guildhall Library in London has been offered a resident fellowship at the Yale Center for British Art at Yale University, New Haven. He will be there from January 12 to February 21 1981, and will be cataloguing prospects and panoramas of British towns in the University's superb collection. He will also be researching the careers in America of two English panorama producers, Thomas Hornor and Robert Howell Junior, both of whom settled in Osining (today Sing Sing). Some of this information will be finding its way into Ralph's forthcoming book *Old Town Plans and Panoramic Views*.

At about the time this issue appears Robert Douwma (Prints & Maps) Ltd will be mounting an exhibition of London material. Among the maps is a late proof form of John Rocque's twenty four sheet plan of London (Howgego, *Printed Maps of London* 94 (4)) printed on paper with an 1825 watermark. From this it is clear that Howgego's hypothetical final state, as advertised in Sayer & Bennett's 1775 catalogue, was never achieved, and that the revisions planned at that time are only partially carried out. The accompanying catalogue note by Tony Campbell shows, incidentally, that this final version of Rocque's great plan dates from about 1774-5 and not c1700, as previously thought.

The antique map business Cartographia of Harrow has merged with Stanley Gibbons Antiquarian and its former owner, Bruce Marsden, has joined Gibbons as the Technical Head of the rare maps and atlases department. Bruce will be responsible for departmental activities including carto-bibliographical research, compiling the regular auction and price lists, buying and selling.

An exhibition of bookbindings, classic and curious, entitled 'Bound To Be Noticed' will run alongside the twenty second Antiquarian Book Fair at the Europa Hotel, Grosvenor Square, London W1, on 10, 11 and 12 June. Richard Ingrams of *Private Eye* will open the fair on the

PROFILE

A challenging post at the Library of Congress



John Wolter.

When John Wolter was a boy during the depression in the 1930's he collected railroad timetables and made many journeys of exploration 'in his imagination.' Little did he dream then that those two boyhood interests would lead him into two exciting careers, the first at sea and the second in mapping.

He left school in 1943 and at the age of seventeen set off to travel in reality. He joined the United States Merchant Marine and worked his way up from mess boy to able seaman in two years. In the fall of 1945 he entered officer training school and after qualifying he spent the next dozen years as a merchant marine officer with the Isthmian Lines. During the Korean War, he also spent two years in the U.S. Army stationed in the Far East where he served as a tugboat master and instructor in coast piloting, seamanship and small boat handling.

Today he is following his second career in mapping and was recently appointed Chief of the Geography and Map Division at the Library of Congress in Washington, D.C. He took over from Dr. Walter Ristow who retired in 1978 after some 31 years at the Library.

He explained to *The Map Collector* that he embarked on his second career because 'I felt I would like to go back to college. This presented a new challenge after so many years at sea.' He

went to the University of Minnesota where he took first BA in 1956, followed by his MA (Library Science) in 1965 and his PhD (geography) in 1975. He started as map librarian at the University and then went on to positions as Assistant to the Director of Libraries, and later as Research Fellow. He also lectured in source materials for geographic research for some five years. Feeling the need for more and varied teaching experience, he accepted a position in the Geography Department at Wisconsin State University in River Falls, Wisconsin, where he served as instructor and assistant professor and was charged with developing a programme in cartography and mapping.

Dr. Wolter is finding his new position at the Library of Congress very challenging and has many plans and programmes he hopes to carry out. He was Assistant Chief of the Division from 1968 so is quite familiar with the library and its collections.

'We have already developed an outreach programme of workshops on all phases of map cataloguing and classification and the use of the MARC Maps system. We are also continuing to expand the Division's bibliography and publications programme,' he explained. The techniques of micro-imaging also interest him together with the introduction of computer based mapping and information. It could be said that he is leading the library into the most up to date and futuristic programme designed for the 1980's and beyond, but without neglecting the growth of the magnificent collection of early maps and atlases. Other parts of his job are exchanging views with other map librarians, archivists and cartographic specialists, and monitoring the outreach educational programmes around North America.

But before Dr. Wolter can really get started on many of his programmes he has the task of supervising the move of the Library of Congress Geography and Map Division from its temporary quarters in Alexandria, Virginia, to a brand new building on Capitol Hill called the James Madison Memorial Building.

He is married with four sons. His wife, Joan is a credit controller; his eldest son is in the U.S. Air Force, his second son at the University of Maryland and his two youngest sons still in high school. They live in Columbia, Maryland, in one of two new towns in the Washington area. In his spare time, Dr. Wolter likes to get away from it all on the Chesapeake Bay in his old wooden cruiser. The family also has a tent camper which they use for travelling extensively in the USA and Canada in the summer.

Mystery Buyer for 'Lafreri'

AN ANONYMOUS AMERICAN buyer paid £140,000 for a 'Lafreri' atlas at Sotheby's auction of maps and atlases on Tuesday, April 15.

The atlas, which was unrecorded and unpublished was the property of an American collector. It formerly belonged to the Doria Family and contained 104 important Italian maps and views dated 1535 and 1570. Famous cartographers represented included Giacomo Gastaldi, Bertelli, Forlani, Camocio and Duchetti. The atlas was generally in good

condition defects being limited to some worming, marginal paste discoloration, minor stains and tears.

The Doria family was one of the most important of the noble families who attained power in the commercial and maritime republic of Genoa and commanded its fleets and armies. Its most famous member was the admiral and statesman Andrea Doria (1468-1560). A commander of the Genoese fleet against the Turks and Barbary pirates, he entered the service of Francis I of France in 1524 but transferred his allegiance to the emperor Charles V, King of Spain in 1528. As the Emperor's admiral, he commanded the expedition against Tunis in 1535 where the troops were led by the Emperor in person. Significantly the oldest map in the atlas was a rare engraved view of troops landing at Tunis from Doria's ships. The atlas contained the stamp of the Doria Library.

At the same sale, several Portolan charts were auctioned including the oldest detailed map of the East Indies, c 1535 which went to Dutch dealer, Nico Israel together with a portolan chart of the Mediterranean by Perrinus Vesconte. This important chart which could be as early as 1320, had been recovered from the binding of a book with a spine title lettered in a sixteenth — or

seventeenth century hand. Vesconte is one of the earliest known European cartographers and the chart was made within about a dozen years of the oldest surviving portolan chart. The East Indies fetched £38,000 and the Mediterranean chart £26,000.

Map Stamps

ARE YOU INTERESTED in collecting stamps with maps on them? To date, several thousand of them have been issued from countries all over the world. They include a wide variety of designs, such as antique maps, explorers' routes, territorial claims, railroad lines, roads, air routes, rivers, city maps, map projections, and many more. There are even stamps showing miniature maps of smaller countries and of islands. It is a fascinating field of study for a number of people, who are members of the Carto-Philatelists, an international society of map stamp collectors. They put out a quarterly publication with articles and items of interest to collectors of map stamps. If interested in further information, write to the chairman of the membership committee, Robert J. Richmond, 40 Clinton St., 5M, Brooklyn, N.Y. 11201.

Christopher and Jean Wright of Printed Page, Winchester, holding up a large scale ordnance survey map of Winchester (1871). This was one of the items which created considerable interest at their recent exhibition of antique maps. The exhibition, at which many hundreds of maps were displayed concentrated mainly on maps of the British Isles with special sections devoted to canals, railways and the county of Hampshire. 'We have been selling maps for about three years now,' the Wright's told *The Map Collector*. 'We were keen to mount an exhibition so that we could share our enthusiasm for antique maps with a wider range of people. In particular we found that many people thought that map collecting was not possible for them due to high price. We were able to show them — over a cup of coffee — that collections could be started quite inexpensively.'



Clive Burden pictured in front of his new map, portrait and print premises in Cecil Court, London, which opened recently. Until now, Clive has sold maps and prints from Rickmansworth and his new shop will be run by a manager, Miles Carpenter, and Clive's two children, Philip and Jacqueline, who have joined the business. The premises used to belong to George Suckling who was well known as a specialist in portraits and one of his portrait experts, 'young Peter Pocock,' a sprightly 75-year-old is staying on to continue the portrait side of the business. 'I have always worked from Rickmansworth,' Clive told *The Map Collector*, 'but we now feel we need an outlet in London particularly for foreign visitors who cannot travel out to the country.'



The Art of Colouring

THERE MUST BE people all over the world who have maps hanging on their walls which have been coloured by Ivan Deverall or his wife, Rosemary. If so, they are lucky because this husband and wife team are considered to be amongst the best colourists in the maps and prints trade.

'We can recognise our colouring anywhere,' Ivan told *The Map Collector*. He is finding that after twenty seven years of colouring, much of their work has been across the Atlantic and is now coming back and appearing in London galleries.

The Deveralls, who live and work from their home in Uckfield, Sussex, had no formal training for their colouring work but have learned through experiment and experience.

Ivan 'drifted' into the map trade twenty seven years ago and necessity really drove him into colouring. 'The person I was working for at the time could not find good colourists who were prepared to work at short notice so I decided to have a go,' he explained. He soon found he enjoyed the work and during his career has coloured maps by every cartographer imaginable from Christopher Saxton to van den Keere. In one memorable weekend he coloured twelve maps by John Speed for a rush order!

His style developed after a while through copying early colouring and through research into heraldry. Both he and Rosemary use Winsor and Newton water colours and before colouring they always prepare a map or print. If preparation is not carried out and a map is subsequently cleaned the paint will not be removable. It is interesting that people of different nationalities have distinct colouring preferences. For instance, the Germans like heavy colouring whereas the Italians prefer



Ivan Deverall at work.

subdued colour.

The most difficult job for a colourist to tackle is a large scale map on several sheets as the colouring must be done to match up exactly when the sheets are eventually put together.

Rosemary took up colouring sometime after her husband but now specialises in colouring maps by Willem Blaeu who issued beautifully coloured maps in the seventeenth century. Her other speciality is colouring ladies' costume. In prints the figures are very important and the colours must be just right. For instance, you do not put an orange ornate dress on a country lass but rather something in green or blue to blend with her rural surroundings.

Ivan manages to run his own map business, which he started five years ago, alongside his colouring. He colours for about five hours a day but then he finds he needs to give his eyes a rest.

Asked if he had any advice for young people who might be interested in taking up map and print colouring as a career he said that it is not a highly paid profession and it is very difficult to start today as there are no really cheap maps to experiment on as there were in his early days.

'We used to practise on maps by Robert Morden when I started,' he commented, 'and the best of these would only fetch £8 each so it was not a disaster if one was spoiled. But when even the cheapest map sells for around £50 you just cannot afford to make mistakes.'

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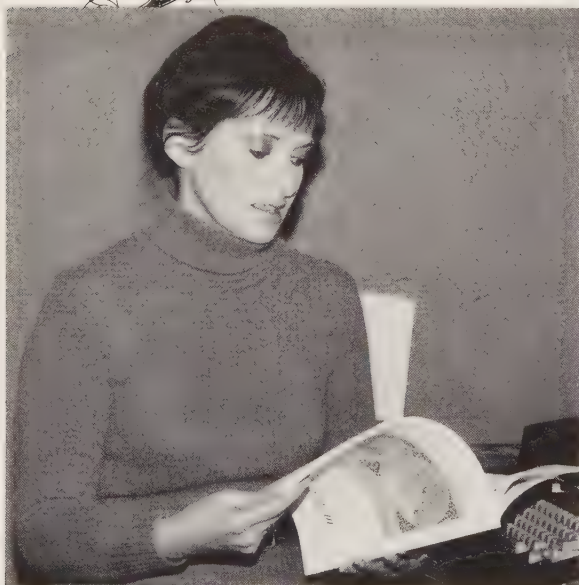
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Valerie Scott, the Assistant Editor, who chases up authors, edits the articles and generally sees the magazine through to production.



Josephine Bailey, our Advertising Manager, who organises all the advertisements including Collectors' Marketplace.

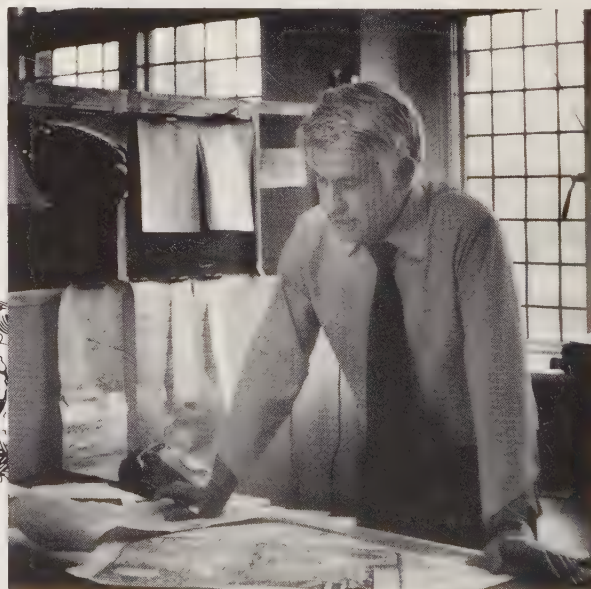


Behind the THE MAP

We thought our readers might be interested to see those people who work behind the scenes to produce the magazine every quarter. This is



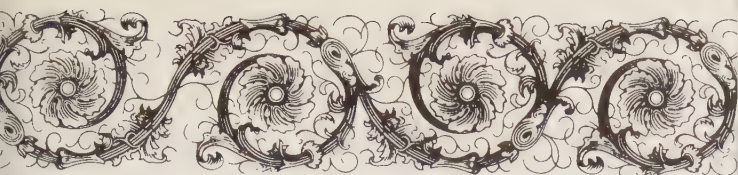
John Goss, our pipe-smoking Research Editor, who is a walking encyclopaedia on the subject of cartography.



Ashley Pope, our Designer, who uses his artistic flair to make everything fit in the most attractive way.



Eddie Denham, who produces the artwork and advertisements for the magazine and helps to keep everyone sane at production time.



Scenes at COLLECTOR

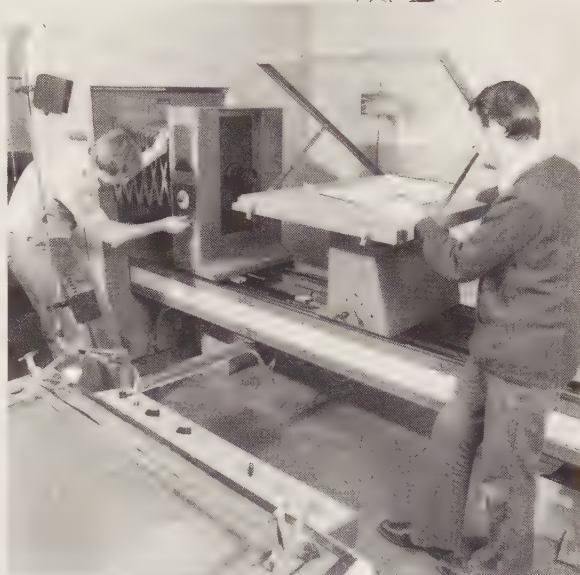
the back up team for Ronald Vere Tooley, the editor, whose picture appears above the editorial on page 1.



Martin Luck, our photographer, who is a new addition to the staff



Pauline Rogers, who operates the new phototypesetter which is now used for all the setting and has been a great boon with computer correcting



'The two Keith's' in the dark room at the printers, Abacus Press. On the right is Keith Turner who makes all the metal plates and assembles them ready for printing and on the left Keith Gray, who is the camera operator



Julia Hugill, who has the unenviable task of keeping all our subscriptions up to date.



Final stage is the printing done by John Wise, seen next to the printing machine and discussing the quality of the 'run' with his assistant, Alan Silver.

TOOLEY'S DICTIONARY OF MAP-MAKERS compiled by Ronald Vere Tooley. Tring: Map Collector Publications, 1979. pp xii, 684, illustrated. £61. ISBN 0-906430-05-4.

The 684 pages of *Tooley's Dictionary* embrace an astonishing total of more than 20,000 entries for people in any way concerned with map production from the ancient Babylonians up to the cut-off date of 1900. From A.A. to Zyndt, from Saxton and Mercator to the fifth-century Armenian geographer Ananias of Schirag, an enormous amount of information is packed into a single volume, which still remains a convenient size for easy reference. As the title implies, the majority of entries are for individuals, but there are also corporate bodies, such as the Ordnance Survey and the Baptist Missionary Society, and a few other useful miscellaneous entries, such as Catalan Atlas and Hereford. All this information has been gathered by Mr Tooley, apparently single-handed, during the fifty years he has been in the map business, both from personal observation and from other reference sources.

Despite the alphabetical arrangement, entries are not always as easy to find as they might be. The alphabetisation is not always accurate, particularly when several people of the same surname are arranged in order of forename, and in the 'Macs' it goes completely haywire. Alternative spellings are frequently given, but often without a cross reference: one cannot find Bulifon from Bolifon, Kuemmerly from Kümmerly or Bunting from Buenting. Other referencing is also poor, and often to a surname only; for the maps produced by Ogilby 'with Morgan' one must scan thirteen entries to find the right Morgan, and various references to 'P. Apian' do not distinguish between Peter and Philip.

The entries themselves are of necessity in extremely compact form, but even with Mr Tooley's list of abbreviations they are not always easy to follow. Italics are used indiscriminately for titles of maps or atlases and for general description, which can be confusing. At other times titles are so much shortened as to be quite uninformative, as with W.W. Johnson's *W. Coast* (of what?) Square brackets are apparently used in the conventional way to indicate supplied information, but it is not clear whether there is any particular significance in the occasional use of round brackets with a publication date. The use of MS to denote a manuscript map would be of more help if used consistently — none of William Roy's maps is identified as a manuscript, although only one of those listed was ever printed.

It is a necessary evil of any general reference work that the information provided is rarely as detailed as the enquirer would wish. What is important is that the facts given should be accurate, as far as generalisation and historical uncertainty allow. The *Dictionary* unfortunately contains a noticeable number of entries which are quite simply wrong. S.S. Edkins is reported as the son-in-law of William Bardin, rather than of William's son Thomas, who is not even mentioned; James Wyld's huge globe, erected in Leicester Square in 1851 for the Great Exhibition, is dated 1853 and described as 6ft high, which would scarcely have accommodated one visitor in comfort, let alone the several floors of viewing galleries. Entries for the Bowles family are very confused: Mr Tooley conflates the three Thomases into two, contriving in the process to suggest that Thomas Bowles II was the son of his own brother. A reader finding such errors in his own field of expertise will scarcely find it easy to trust entries on topics he is less familiar with.

The list of works consulted, at the beginning of the volume, contains only seventy titles — remarkably few for a work of this scale. Many of the errors in the book could have been avoided if standard reference works had been systematically checked. Some of the lengthiest entries in the *Dictionary* deal with the families of London map-sellers and publishers and their various addresses, yet much of the information in them is at variance with that in Howgego, Hyde and Tyacke; and there are well over a hundred cartographers and publishers in the British Library's *Ten-year supplement to the British Museum catalogue of maps* who are not included in the *Dictionary*, although much of the information about them has been available for over ten years.

'That he completed it, single-handed, is a tribute to his amazing energy and devotion to maps', says the publicity handout. It is indeed a considerable achievement; but therein also lies the key to the problem. The *Dictionary* is quite evidently one man's working index, built up over the years as information came to hand. As such, it remains very much what any such index must be: uneven in treatment, inconsistent, full of idiosyncratic abbreviations and references, with a fair sprinkling of inaccuracies and double entries, and no possible claim to completeness.

Mr Tooley himself, in his all too brief foreword, makes no special claims for the work, but in all the publicity material it is presented as something much more than it is; those responsible have done it no service by their exaggerations. The reader who can accept it for what it is, warts and all, will still find it a valuable reference tool, particularly as a first resort; it is by far the most comprehensive dictionary of map-makers available, and likely to remain so for some time. If any future edition is more rigorously edited, it will be that much more valuable. In the meantime the prospective purchaser will have to decide for himself whether the convenience of such a volume outweighs its drawbacks — particularly at £61.

A.G. Hill

DISCOVERERS, EXPLORERS, SETTLERS. THE DILIGENT WRITERS OF EARLY AMERICANA by Wayne Franklin. Published by the University of Chicago Press, Chicago and London, 1979. pp xiv + 252. 30 plates, (235 x 155mm) £9. ISBN 226 26071 2.

This work begins with the simple assumption that the discovery of the New World was not a single act in 1492 but was 'instead a long process of progress and retreat, sudden insights and blind insistence on old ways of seeing — a process to which the power of the word was essential, and the diligence of the writers most basic.'

So this is not a straightforward narrative of exploration, but rather a philosophical discourse on the feelings of certain voyagers as they sought, sometimes brilliantly, sometimes hesitantly, to transmit their thoughts on a new and often alien world. Columbus, for example, says in 1503, 'on the day of Epiphany I reached Veragua, completely broken in spirit.' Now the Veragua in this context is not the town 'twenty leagues away' amongst the goldfields, but a kind of mental and physical exhaustion.

The author claims that the early writings on America had a profound effect on the European language that evolved over the centuries, even up to Thoreau and Whitman. He emphasises that the explorers were not men of action only, but capable of conveying by the written word their

sense of the marvels they encountered. Although, as in the case of Cortes, they sometimes wrote in a way which would be acceptable to their sponsors. In the event, their accounts left a profound influence on nineteenth century American historians who found in them the source of a complicated pattern of the restless exploration of individuals and communities that is perhaps unique to that continent.

Mr Franklin states early that his book is not to be regarded as a guide to the exploration of America but rather as the 'almost countless imaginings of that place which constitutes, even from 1492, the distinctive quality of New World writing.' The particular texts which he discusses are carefully chosen for their 'exemplary, rather than their extraordinary nature' and he admits that many other works could have come under consideration. He therefore divides the book into three main themes; The Discovery Narrative, The Exploratory Narrative and The Settlement Narrative. There is then a chapter of Conclusion followed by a general discussion on works of Americana; a section of thirty plates and copious notes.

This reviewer confesses that it was with relief that he eventually reached the main body of the book for the introduction stating the author's intentions he found both prosy and diffuse and full of abstruse philosophy. The Discovery Narrative begins with Adriaen van der Donck's *Description of the New Netherlands*, 1655, leading to Walter Raleigh's *Discoverie ... of Guiana*, 1596. These writers, he says, were rapt observers with spiritual uplift. He also discusses Thomas Jefferson who apparently suggested that a map gave a better impression than any written word and the author labours the point that maps of America, from Juan de Cosa in 1500 to Fremont in 1840, have been primarily 'charts of idea, spatial ideograms which transcend the sequence of a traveller's life in space and time.' Other travellers whose work is discussed in this section include Henry Woodward and Robert Rogers.

The Explanatory Narrative deals with the exploration of metaphysics. Denton, 1670, and the almanac publisher Ames are linked with Emerson, Thoreau, Whitman and Brigham Young in a complex discovery of the mind: 'a grand tour' of America's riches and their divine place in the cosmos. Lengthy accounts, out of chronological order, follow of the works of Thomas Hariot (arbitrarily named 'Harriot' throughout) Captain John Smith and the Hakluyts, all of whom possessed what the author terms 'Argus-eyed' curiosity.

The Settlement Narrative deals mainly with Henry Hudson, Frobisher, Gilbert, Artaguiette d'Iron, Cadillac, George Burgess and William Bradford in their attempts at discovery or settlement, with a belated return to White and the fate of Raleigh's colony.

Conclusion sums up what has already appeared and finally brings in Tom Paine and Franklin. Paine is quoted, 'A thousand years hence... America may be what Europe now is. The innocence of her character... may sound like a romance and her inimitable virtue as if it had never been.' Freed, says the author, by the Revolution from transatlantic connections, America had now become a world unto itself.

Finally, the book discusses the nineteenth and twentieth century works of research such as Clark's *Old South*, Force's pamphlets, Vail's *The Voice of the Old Frontier* and Sabin's bibliography, which later writings made the Americans aware of their own history allying them to the 'great period' of American book collecting when Rich and Henry Stevens of



Vermont were supplying collectors with rarities from England and the continent of Europe.

The illustrations have a common theme — that of organising the New England scene, 'whether concrete or abstract, by means of techniques allied to the prose strategies examined in the bulk of this study.' There are maps, drawings, plans and views by Jefferson, Peter Gordon, Thomas Bartram and others, plus several Theodor de Bry engravings. There are also profuse, but still discursive and confusing notes on not only the text but also the plates.

To read this book requires dogged dedication by the reader and to review it leaves one with the feelings expressed by Columbus at Veragua. The quotations from early writings are delightful but they are hidden in a mass of philosophical discourse and what the author assumes as symbolism. The author's divisions in the text are not easy to comprehend as each contains material that is to be found in all with no clear cut boundary. The title is a misnomer — perhaps it should be *America and the Mind of Man* — and while credit must be given to the author for his erudite reading of texts the reader is left with a feeling that the book is really a course of lectures more suitable for delivery to a philosophical society.

J.G. Garratt

THE A TO Z OF ELIZABETHAN LONDON
compiled by *Adrian Prockter and Robert Taylor*, with introductory notes by *John Fisher*. Published by Harry Margary in association with the Guildhall Library, London, and the London Topographical Society, 1979. Introduction (8 pp.), map sections (32 pp.), index (30 pp.). Cloth hardback 300 x 210mm. £8. ISBN 0903541289.

What did early Elizabethan London look like? Our imagination can draw on descriptive passages from contemporary dramatists, a few

diarists, and Stow's *Survey of London* of 1598. We also have the occasional rare painting showing an actual London scene and some incomplete sketches by Van den Wyngaerde, now in the Ashmolean Museum. But the most detailed and informative source is the anonymous woodcut map on eight sheets known — without any foundation — as the Agas map of London. Although the three surviving copies all date from c 1633 the original was almost certainly prepared in the 1560s and shows London laid out in bird's-eye perspective with almost every house, rooftop, alley and tree marked in precise detail. It is this map that is reproduced and carefully annotated in the *A to Z of Elizabethan London*.

The book is a relatively slim volume of seventy pages published by Harry Margary in association with the Guildhall Library as part of their series of historic maps of London and, in this instance, in conjunction with the London Topographical Society. The *A to Z* comprises three parts. The first is a concise but informative introduction by John Fisher. Next the so-called Agas map is reproduced full-scale on twenty-eight pages with the names of over 1000 streets, localities, and features over-printed in red. All the overlay items, plotted by Robert Taylor, have then been clearly cross-referenced to the index forming the third and longest part of the *A to Z*, compiled by Adrian Prockter. It is here that the historian and researcher will appreciate the value of the work. Streets, lanes, churches, towers, halls, wells, pumps, windmills, even washing out to dry — all are marked and indexed. It is a slight handicap that the overprinting on the map is not always legible and the lettering has had to be placed diagonally and vertically, and even inverted on occasions. It would also have been helpful to have included a picture of the map as a whole or, as is the case with other Guildhall Library publications, to have made the map available alternatively in loose sheet form.

The *A to Z of Elizabethan London* is on sale in bookshops but interested readers and keen Londoners are strongly advised to follow the reviewer and visit the Guildhall Library in Aldermanbury in the City of London, where the book can readily be obtained together with facsimiles of other London maps. One of the originals of the 'Agas' map is hanging in the vestibule, and sheets from an earlier copperplate map and copies of Braun and Hogenburg's 1572 plan of London (both of which are reproduced in the *A to Z*) can also be seen. For its relatively modest price of £8 the book is a well-worthwhile purchase, and for any metropolitan dweller or Londoner in exile it could be a novel and much appreciated gift.

Rodney W. Shirley

Catalogues Received

PAUL ROBERTS STONEY, Route 2, Box 521, Lancaster VA 22503, USA. Tel: (804) 462 5741. *A Selection of Antique Maps. Catalog 1-80*. General Catalogue of maps and views principally of North American interest. pp [16], 102 items, 81 illustrations, list of references cited. **HYDE PARK BOOKSHOP**, 8-10 Headingly

Cartographical Curiosities 7

THESE STRANGE MAPS in human form were sent to us by Mr. W. Lowenhardt of Studio Elhart-Antik Print in Amsterdam. They were published by Bowles and Carver from St. Pauls Church Yard in London in about 1795 and were priced at 6d plain or 1s coloured. Gillian Hill of the British Library in her catalogue of

cartographical curiosities states, 'there is no reason to suppose that any specific satire was intended by these pictures; they were intended simply for amusement, the shapes having been suggested by the coastlines.'



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a small Cartographic MAP of ENGLAND and WALES



Geography Bewitched!
a small Cartographic MAP of IRELAND
showing the LADY HIRSHMAN BULL in a hand-drawn
how the hand the great Sir JOHN BULL.



Geography Bewitched!
a small Cartographic MAP of SCOTLAND



Catalogues Received continued

Lane, Leeds. Tel: (0532) 782689. *Travel Catalogue 24*. General catalogue of works on travel, including some atlases, in nine sections. pp [36], 824 items.

—, *Recent Acquisitions. List 6 General Catalogue*. pp [20], 467 items.

FRANÇOIS CHAMONAL, 40 Rue le Peletier,
F-75009 Paris, France. Tel: 878.14.41 *Février*
1980. *Voyages. Médecine & Sciences. varia.*
General catalogue pp 67, 747 items.

CARTOGRAPHICS, PO Box 67, Main Street, North Stonington CT 06359, USA. Tel: 203 535 3152. *Antiquarian Maps. Winter 1980*. General catalogue of maps, mostly of North American interest. pp 29, 215 items, 13 illustrations.

G & D.I. MARRIN & SONS, 149 Sandgate Road, Folkestone, Kent. Tel: (0303) 53016. *Catalogue 6. A Miscellany including Natural History, Politics and Economics, Topography etc.* pp 26, 247 items, 2 illustrations, Index.

CÉCILE ÉLUARD, 43 rue Sous Barri, F-06800
Haut de Cagnes, France. Tel: (16.93) 20.13.63.
*Catalogue 19. Livres illustrés et éditions originales
du xvi^e au xx^e siècle. Catalogue arranged in
alphabetical/chronological sequence. pp 68, 238
items. 15 illustrations. Index.*

DAVID & CATHY LILBURNE
ANTIPODEAN BOOKS, 79 Grosvenor Road,
Muswell Hill, London N10. Tel: (01) 444 6483.
*Catalogue 1 1980. Books, Maps & Prints of
Australasia & the South Seas.* Catalogue in seven
sections, pp 23, 224 items, 7 illustrations.

P.J. RADFORD, Sheffield Park, Nr Uckfield,
Sussex. Tel: (082 573) 531. *Americana No. 24.*

Compiled by J.H. Fitch. Catalogue of maps of the world and of the Americas. pp 12, 85 items, 24 illustrations.

P. J. RADFORD, Sheffield Park, Nr Uckfield, Sussex. Tel: (082 573) 531. *Catalogue No. 32*. Catalogue in four sections: 1 British Isles, 2 Parts of the world, 3 Prints, 4 Americana. pp 53, 166 + 145 + 57 + 31 items, 178 illustrations.

ANTIQUE TOPOGRAPHY — SALON DE
GRAVURES, Dorpstraat 81, 6227 BL
Maastricht-Heer, The Netherlands. Tel: 043-
61.15.32 [*Recueil des villes Ports d'Angleterre*].
Compiled by P. Aalbersberg. Catalogue of Le
Rouge (1759) plans and views of the British Isles
pp [20], 16 items. 16 illustrations.

ROBERT DOUWMA PROPRIETARY LIMITED, 283 Toorak Road, South Yarra, Victoria 3141, Australia. Tel: (03) 24 4473. *Catalogue 3. The Unfolding World. Maps from 1493 to 1863.* Compiled by T. Campbell. Catalogue of maps of all parts of the world. pp 32. 30 items. 30 illustrations. List of references cited.

JONATHAN POTTER LTD., No. 1 Grafton Street, London W1X 3LB. Tel: (01) 491 3520. *A Selection of Rare and Decorative Antique Maps*. Compiled by J. Potter. General catalogue of maps of all parts of the world. pp 64, 295 items, 64 illustrations. Contents list.

KENNETH NEBENZAHL INC., 333 North Michigan Avenue, Chicago IL 60601, USA. Tel: (312) 641 2711. *The Compass. Number 41, Spring 1980*. Catalogue of maps of all parts of the world. pp 32, 56 items, 33 illustrations.

BIBLIERIA GIOVANNI VALLERI. Via Ricasoli 68r, I-50121, Firenze, Italy. Tel: 296.192
Marzo 1980. catalogo N.43. General catalogue, in thirteen sections, of books, maps and prints. pp 48, 1006 items. Contents list.

LIBRAIRIE SIMONSON S.A., 20 avenue des
Arts, Bte 13, B-1040 Bruxelles, Belgium. Tel:
230.92.01. N. 425 Mars-Avril 1980. *Beaux Livres
Anciens et Modernes*. General catalogue in
alphabetical sequence. pp 46, 589 items.

RUSSBOROUGH, PO Box 422, Station R. Toronto, Ontario, Canada M4G 4C3. Tel: (416) 425 2457. *A Selection of Antiquarian Maps and Prints from Russborough. Catalogue number three 1979-80*. Compiled by D.G. Leeson and L.M. Seidel. Catalogue of maps and prints of all parts of the world in fifteen sections. pp 52. 157 items. 68 illustrations. Contents list. List of references cited.

LETTERS TO EDITOR

Sir
May I congratulate you on a fine publication and at the same time endorse a recent letter by Dr. S.P. Waife concerning articles for the novice in the field of map collecting. Perhaps you might include in an upcoming edition of *The Map Collector* a list of materials that are both useful and available to the beginner.

N.R.P. Young B.A., M.A., LL.L., LL.B.
340 Rolland Road
R.R. 1, Ridgville, Ontario
L0S 1M0

Sir
In *Map Collector* No. 9 you asked readers living near Cotchford Farm in Sussex to compare the terrain in the map in 'Cartographical Curiosities 6' with their surroundings. I feel that the terrain represented reminds me of that part of the Pang Valley near Reading which formed the basis for *The Wind in the Willows*, and not of Pooh Corner at all. Badger's House I feel I used to know particularly well. As a 'cartographical curiosity' I consider the item beyond parallel.

Andrew S. Cook
22 Derby Street
Cambridge CB3 9JF
46

Sir
Much as I eagerly await the arrival of each issue of *The Map Collector*, I am saddened to observe that we have passed from a vocational group to an investment business. Not that the *Financial Times* aspect is dull reading but it is distracting from the study aspect. One is glad to see the map trade in a lucrative situation but we appear to have reached the stage where the worthwhile maps have gone to the vaults and most of the market offerings are second rate.

Should we also not be concerned about forgeries? There is now enough money to be made by successful forgery to encourage its growth. One sometimes comes upon an impression which seems almost too fine for its age — it may be that much finer impressions are easier to forge. I hope the subject can be discussed in future issues.

Meanwhile, may your path be strewn with Saxtons.

Harry Sutcliffe
7 Worthen Road
Winchester, MA 01890

ARGONAUT BOOK SHOP. 786-792 Sutter Street, San Francisco CA 94109, USA. Tel: (415) 474 9067. *Fine and Rare Books. A Selection from Stock (Recent Acquisitions) catalog 80.* General Americana catalogue. pp [20]—119 items.

WALTER REUBEN, INC., Suite 910, American Bank Tower, Austin TX 78701, USA. Tel: (512) 478 3338. *Catalogue 35 One Hundred Rare Maps.* Catalogue of maps of all parts of the world. pp 56, 100 items, 31 illustrations. Contents list.

N.S. STRAIGHT, 101 Maple Street,
Weehawken, NJ 07087, USA. Tel: (201) 863 9115.
Catalogue No. 331: Maps and Prints. General
catalogue of maps and prints of all parts of the
world. pp 16. 113 items. 4 illustrations.

—, *Catalogue No. 333. Americana*. Catalogue of maps and prints of the Americas. 10 pp, 95 items, 1 illustration.

BODLEIAN LIBRARY — MAP SECTION.
Selected Map and Book Accessions. No. 350
January 1980, pp 8, 73 entries.

IVAN R. DEVERALL. Duval House, The Glen, Cambridge Way, Uckfield, Sussex TN22 2AA. Tel: (0825) 2474. *Antique Maps*. February 1980. pp 10. 57 items. 57 illustrations.

STANLEY GIBBONS ANTIQUARIAN, 37
Southampton Street, London WC2E 7HE. Tel:
(01) 836 2444. *Stanley Gibbons Antiquarian
Spring 1980. Catalogue of Antiquarian Books;
Antique Maps and Prints; Playing Cards and*

Antique Maps and Prints, Playing Cards and Packs. Catalogue in three sections, compiled by Robin de Beaumont, Bruce Marsden and Joyce Pattison. Supplement, *Books on Collectables*, compiled by Laura Allan. pp 77 + 8 plates; 298 + 332 + 215 items, 238 in supplement; 4 + 32 + 72 illustrations; contents lists and lists of references cited.

R. V. TOOLEY LTD, 33 Museum Street, London WC1A 1LH. Tel: (01) 637 9724. *An Introduction to the History of Maps and Mapmaking. A celebration catalogue of fifty selected items issued to mark the opening of Tooley's Museum Street premises.* Introduction by R.V. Tooley. Catalogue compiled by J.J.S. Goss. Catalogue in seven sections, 'Four Centuries of Atlas Cartography', 'The Heavens', 'The Changing Shape of the Known World', 'Charting the Ocean', 'Globes', 'Town Plans', 'Regional Maps', pp 68, 50 items, 62 illustrations; contents list, index of mapmakers, engravers, publishers and printers, list of references cited.

Sir
Your statement that Raymond Lister's *Old Maps and Globes* is a 'simple reprint' of the 1965 original is misleading. Our edition contains quite a number of alterations, many of them proposed by your Research Editor, John Goss — sufficient in our opinion to justify calling it a 'revised edition.'

L.F. Wise
Collecting & Crafts Books Editor
Bell & Hyman (Publishers)
Denmark House
37/39 Queen Elizabeth Street
London SE1 2OB

Sir
Would you consider using your good offices to encourage a common scale of map condition descriptions? For example, is a map in 'fine condition' better or worse than one in 'excellent condition' or are the terms synonymous? What criteria does 'the trade' consider when applying 'good', 'fair', etc.?

If a satisfactory convention already exists I would enjoy reading about it in *The Map Collector*.

J.W. Leonard
Oberliederbach
Federal Republic of Germany

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Collectors' Barometer

A continuous record of important items sold in auction.

Compiled by John Goss and Martin Luck

THIS REGULAR AUCTION SECTION has two purposes. Firstly, it gives collectors a continuing indication of the range of available maps, and the atlases from which most maps are derived; thus providing a barometer of prices and a guide to relative values. Secondly, it will develop over the years into a major catalogue of the significant maps and atlases sold in auction since June 1, 1977.

Lot descriptions for all articles realizing over £1000 (or its equivalent) are reproduced in full. The prices are 'hammer prices' to which must be added the buyer's premium where applicable. Each lot reported 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 realized 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 properly by personal examination.

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

Every effort is made to report all major auctions of maps and atlases throughout the world as soon as possible, but occasional delays may occur in obtaining information and some reports may have to be carried over to subsequent issues. The total realized for maps and atlases sold in auction reported in this issue amounted to £796,387.

For reasons of limited space, it was not possible to include foreign auction sale realisations in this issue. However, the next issue of 'Collectors' Barometer' will include the results from the sales held by Venator, 1-3 April 1980, Brandes, 17-18 April 1980, A. L. van Gendi, 21-22 April 1980, Reiss & Auvermann, 22-26 April 1980, Hartung & Karl, 28-30 April 1980, Helmut Tenner 7-10 March 1980, amongst others.

SOTHEBYS, LONDON, MARCH 31, 1980 (PREMIUM 10%)

1 GUICCIARDINI (LODOVICO) DESCRITTIONE . . . DI TUTTI I PAESI BASSI, engraved frontispiece, title and cartouche (both the latter leaves with arms on verso), 55 double-page engraved maps and plates (54 in text), some inner margins and a little marginal worming neatly repaired, slight brownning and spotting, a few small dampstains, nineteenth-century quarter tan morocco [Adams G1541]. Folio. Antwerp, C. Plantino, 1581.

£1300

2 ZUALLART (JEAN) IL DEVOTISSIMO VIAGGIO DI GERUSALEMME . . . aggiuntovi i disegni di varii luoghi di Terra Santa; & altri paesi, FIRST EDITION, engraved title (laid in and slightly defective at the inner margin), full-page portrait and 51 maps, views and plans in the text, 2 or 3 full-page, slightly wormed in the inner margins at the beginning with negligible damage to text, occasional light brownning, a few leaves at the end loose, nineteenth-century boards, covers detached [Harvard 559]. sm. 4 to. Rome, F. Zanetti & G. Ruffinelli, 1587.

£1000

3 GUICCIARDINI (LUDOVICO) DESCRIPTION DE TOUTS LES PAYS-BAS, title within elaborate engraved border, 95 (of 96) engraved maps, plans and views, 80 double-page, 1 very slightly damaged, 2 slightly damaged in margin, slightly damp-stained at beginning, a few leaves slightly soiled, contemporary vellum boards slightly worn, soiled. Folio. Amsterdam, J. Janssonius, 1625.

£2000

4 ZEILLER (MARTIN) ITINERARIUM ITALIAE NON-ANTIQUAE: Oder, Raiss-Beschreibung durch Italien, FIRST EDITION, engraved title-page, hand-coloured and mounted, 5 engraved maps, 3 partly coloured, and 42 plans and views on 38 double-page engraved plates by MATTHIAS MERIAN, including the large folding views of Venice and Rome, engraved device on printed title, coloured engraved arms on dedication leaf, Frankfurt, M. Merian, 1640; Niederstedt (Burchard) Malta Vetust et Nova, edited by C. C. Baron de Blumenhal, engraved title-page, ? lacks f, 14 without any loss of text or pagination, Helmsiet, 1660, 2 works in 1 vol., a few leaves slightly soiled, old half calf, slightly worn [Schuchhard p. 37]. Folio.

£1200

TOTAL MAPS AND ATLASES £5500 (4 LOTS)

SOTHEBYS, LONDON, APRIL 14-15, 1980 (PREMIUM 10%)

5 PURCHAS [(SAMUEL)] HIS PILGRIMES, 4 vol., FIRST EDITION, vol. I FIRST ISSUE; PURCHAS HIS PILGRIMAGE, fourth edition, issue with the dedication to King Charles, together 5 vol. (the complete set of the 'Pilgrimages'), engraved title-page to vol. I, dated 1624, 88 engraved maps, 7 folding or double-page, the rest in text, 7 engravings and numerous woodcuts in text, woodcut initials and ornaments, vol. II last leaf blank except device and colophon, with blank R4 in vol. I, but the first blank in vol. IV missing, a few marginal tears, some corners torn off, 3 slightly affecting text, a few leaves very slightly damaged, just affecting a few letters, very slightly spotted in places, a few leaves slightly soiled, contemporary signature of A. Fletcher on each title, contemporary calf, joints slightly worn [NSTC 20509 & 20508.5; Sabin 66682-86; Church 401A]. Folio. 1625-26.

£3000

6 [THÉVENOT (MELCHISEDECH)] RELATION DE DIVERS VOYAGES CURIEUX, part I-IV (of 5) in 2 vol., pagination not continuous in the parts, FIRST EDITION, FIRST ISSUE, 32 engraved and woodcut plates and maps, 24 double-page and folding, 13 engravings and 44 (of 46) woodcuts in the text, lacks the frontispieces to parts I-IV, and the plates, maps and texts which Brunet mentions as present in some copies, 2 leaves 'Au Roi' in part II not called for by Brunet, some leaves slightly damp-

50

stained or spotted, short tear in 1 map, contemporary calf, rubbed, joints worn [Sabin 95333; John Carter Brown Library III, 102; Brunet I, 810-812]; the lot sold not subject to return. Folio. Paris, 1663-72.

£1400

7 VANCOUVER (GEORGE) VOYAGE OF DISCOVERY TO THE NORTH PACIFIC OCEAN AND ROUND THE WORLD, 3 vol. text and atlas vol., together 4 vol., FIRST EDITION, 17 engraved plates and 1 chart in text vol., 10 folding engraved maps and 6 plates in atlas, slightly spotted and offset, a few marginal tears in text vol., original boards, text vol. neatly rebacked, using original paper labels, atlas, worn spine missing, all uncut [Sabin 98441; John Carter Brown Library 4009]. 4to and folio. 1798.

£1600

8 CHAMPLAIN (SAMUEL DE) LES VOYAGES . . . OU, JOURNAL TRES-FIDELE DES OBSERVATIONS FAITES ES DESCOUVERTURES DE LA NOUVELLE FRANCE [Quatrieme voyage du Sr de Champlain . . . en la Nouvelle France, fait en l'année 1613], 2 parts in one vol., FIRST EDITION, large folding engraved map, 9 folding maps and plates and 13 maps and illustrations in the text, lacks the very large folding map as usual (supplied in facsimile), title cut out and mounted, some brownning, contemporary vellum [Sabin 11835; Church 360]. 4to. Paris, Jean Berjon, 1613.

£3000

9 LAET (J. DE) L'HISTOIRE DU NOUVEAU MONDE OU DESCRIPTION DES INDES OCCIDENTALES, FIRST FRENCH EDITION, title printed in red and black, 14 double-page engraved maps, illustrations in the text, the maps, text illustrations, device on title, head- and tailpieces and ornamental capitals all COLOURED BY HAND, lower part of last leaf of index restored, with loss of text, some worming of inner top corners at end affecting top margin and word in border of map of Venezuela, minor repair to bottom edge of map of Chile, occasional spotting, a few leaves discoloured, contemporary mottled calf, restored and rebacked, most of old spine preserved [Sabin 38558]. Folio. Leiden, 1640.

£2200

10 BLAEU'S LIBRARY GLOBES—AN UNUSUALLY LARGE PAIR OF SEVENTEENTH-CENTURY TERRESTRIAL AND CELESTIAL GLOBES, mounted on matching wooden stands, both globes coloured by hand and varnished, the terrestrial globe embellished with cartouches, sailing ships, sea monsters, compass roses and other features, the celestial globe, engraved with drawings of animals and other subjects, marks the stars in order of magnitude and represents the constellations, the broad wooden "equator" forming the top of each stand engraved and painted with the signs of the zodiac, the months of the Roman calendar, etc., lettered in Latin, worn and in places illegible, some surface damage to both globes, mostly by grazing, diameter of each globe approximately 670mm.: 26in., height of each stand approximately 635mm.: 25in. Amsterdam [1640-48].

£5000

11 MILLO (ANTONIO) ISOLARIO ET PORTOLANO di me Antonio Millo, dedicated "All'Illustrissimo et Eccellentissimo Signor Vicenzo Moresini Dignissimo Procurator di Santo Marco", showing upwards of 90 islands in the Mediterranean, AUTOGRAPH MANUSCRIPT ON PAPER, 97 leaves, in two parts: the Isolario, 60 leaves (title, dedication, 1-56 numbered folios, no. 57 unnumbered, no. 58 blank), Portolano 37 leaves (32 unnumbered, last 5 blank), written in brown ink throughout in a clear sloping hand, the title and dedication in large roman script, the first line of the latter and the first letter of each word in gold, the dedication inscribed and signed "Antonio Millo", the illustration for each island or group of islands in the first part separately described, the text sometimes extending to several pages and the descriptions including general information about harbour and port facilities, fortifications, mills, etc., and distances and other data, the first word of each description added in red, the islands drawn in dark brown ink and, in lighter brown ink, the many coastal and other towns, are depicted by attractive little drawings, while mountainous or wooded country and other terrain is likewise pictorially represented, together with various offshore features,

etc., Crete, Cyprus and Sicily extend over two pages, all other drawings are contained within the page, in most cases numerous place names are shown, each island or group orientated by a circular eight-point compass in brown ink, the four intermediate bearings in red, at the end of the first part an alphabetical index lists the 74 principal islands illustrated, initial letters in red, with original deletion and emendation of letters B-G, the second part or Portolano consisting of extensive details of the ports, harbours and other features, with distances, etc., illustrated in the Isolario, title soiled, slightly affecting some letters, two stamps, one deleted, some waterstaining to the first quarter of the volume, a few other stains, contemporary limp vellum, soiled, wanting ties. 4to (282mm. by 205mm.). [Venice, late sixteenth century].

£7500

12 BRAUN (GEORG) AND FRANZ HOGENBERG CIVITATES ORBIS TERRARUM, vol. I & II only (of 6) in one vol., engraved titles and 118 uncoloured double-page views, lower margins of a few plates repaired with old sellotape (2 affecting plate-area) causing discoloration, one or two plates split at fold but on the whole the plates in good condition and not brittle contemporary German blindstamped pigskin over wooden boards with metal clasps and cornerpieces, bevelled edges, head of spine worn, seventeenth and eighteenth century ownership inscriptions of Nicolaus Hoffmann and Nicolaus Jaeger, old library stamp of the Mainz University Library. Folio. Cologne and Antwerp, [c. 1572-75].

£9500

13 ORTELIUS (ABRAHAM) THEATRUM ORBIS TERRARUM, FIRST PLANTIN EDITION, Koeman's second issue, with 127 names in the Catalogus Auctorum, with the Nomenclator Ptolemaicus, 2 parts in 1 vol., architectural engraved title, portrait of Ortelius and 93 double-page engraved maps, all COLOURED BY A CONTEMPORARY HAND, the maps embellished with historiated and other cartouches, arms, animals, sea monsters, sailing ships other features, the title, portrait and details on some of the maps heightened with gold, imprimatur/colophon leaf at end, worming of outer blank margins of title, a few minor blemishes on the portrait and small paint stains on facing page, about 20 maps repaired, in several cases defective or fragile, with loss of engraved surface, a few stains, extensive note in Latin in a small early hand on verso of the map of America, near manuscript pagination (sometimes cropped) in top fore-corners throughout, worming of some lower blank corners of the Nomenclator, eighteenth-century half calf, gilt spine, worn [Koeman, Ori 15A, A, B, III, pp. 44/45]. Folio (412mm. by 273mm.). Antwerp, Christopher Plantin, 1579.

£8000

14 [ORTELIUS (ABRAHAM)] THEATRUM ORBIS TERRARUM, Koeman's issue with 134 names in the Catalogus Auctorum, with the Parergon and Nomenclator Ptolemaicus, 3 parts in 1 vol., architectural engraved title, portrait of Ortelius and 112 double-page plates (maps nos. 1-100 in the atlas, 103-114 in the Parergon, 101 and 102 are text, as is correct in this edition), COLOURED BY HAND, including the title, portrait, headpiece/title to the Parergon and device on title to the Nomenclator, the maps embellished with historiated and other cartouches, arms, animals, sea monsters, sailing ships and other features, Koeman's map 75 (Piedmont) is numbered 69 as in the French edition of 1587, while 69-74 are numbered 70-75 as in the later, Koeman's 84 (Ungaria) and 90 (Septentrionalium Regionum) are missing, but have been replaced by, respectively, the map of the Black Sea from the Additamentum of 1590 and the map of Romania from the Additamentum of 1595, minor repairs to worming of maps 19-21 and to 2 small round wormholes in maps 106-110, slightly affecting engraved surface, a few other wormholes or repairs, and one or two perforations, repairs to some inner folds and margins, occasionally affecting the engraved surface, one on two small round wormholes through the Nomenclator, dampstaining of some outer corners, on later guards throughout, seventeenth-century French dark red morocco gilt, line-borders and panel, lozenge-shaped composite ornaments at corners, spine fully gilt in compartments, g.e., restored, rubbed [see Koeman, Ori 21, 22, III, pp. 48-51]. Folio (430mm. by 290mm.). [Antwerp, C. Plantin, 1584 (colophon)].

£4000

15 [ORTELIUS (ABRAHAM) THÉÂTRE DE L'UNIVERS], 76 double-page engraved maps only (of 112), COLOURED BY A CONTEMPORARY HAND, including cartouches, arms, animals, sea monsters and other decorative features, some details heightened with gold, wanting the title, 5 preliminary leaves, 6 final leaves and 36 maps, top margins at end of vol. damaged, affecting engraved surface of about 30 maps, a few other maps torn or repaired, some marginal repairs or fraying, old manuscript contents lists (incomplete) on blank versos of maps 3 and 4, on later guards throughout, original calf gilt, borders, inner panel, corner ornaments and lozenge-shaped centre ornament, rebaked and restored, very worn [Koeman Ori 22, III, pp. 50/51]. Folio (460mm, by 320mm.) [Antwerp, Plantin, 1587]. **£8500**

16 ORTELIUS (ABRAHAM) THEATRUM ORBIS TERRARUM, second Dutch edition, engraved title and 91 plates (89 maps plus plates Tempe and Daphne), the maps embellished with historiated and other cartouches, arms, animals, sea monsters, sailing ships and other features, title a little defective and repaired in margins, preliminary leaves misbound, Koeman's maps 33 and 68 torn and repaired, repair to small hole on map 39 and to wormhole in map 72, affecting engraved surface in both cases, repair to centre fold of several maps, sometimes slightly affecting engraved surface, some repairs to blank margins, one or two maps a little stained, on renewed guards throughout, modern parchment, in slip case [Koeman Ori 40, III, p. 66]. Folio (462mm, by 305mm.). Amsterdam . . . de Weduwe ende Sonen van Jan Moerentorf. [1610, or later (colophon 1598)]. **£9000**

17 ORTELIUS (ABRAHAM) THEATRUM ORBIS TERRARUM, Dutch text, engraved title, portrait (on A4v.) and 91 plates (89 maps and the plates Tempe and Daphne, 90 and 91), plus 2 leaves: "Adieu van den Auteur", contents table and colophon, the maps embellished with historiated and other cartouches, arms, animals, sea monsters, sailing ships and other features, top margin of world map wormed, touching engraved surface, slight waterstaining of margins, affecting some maps, burn-hole in A3, with loss of text, plate 91 (not called for by Koeman in this edition) separated at bottom of centre fold, old inscriptions on title, contemporary blind-tooled parchment, two-line border, inner panel and lozenge-shaped centre ornament [Koeman Ori 31, III, p. 57]. Folio (400mm, by 295mm.). [Antwerp], 1598 (colophon). **£9000**

18 SANUTO (LIVIO) GEOGRAFIA . . . Ne quali, oltre l'esplicatione di molti luoghi di Tolomeo, e della Bussola, e dell'Aguglia; si dichiarano le Prouincie, Popoli, Regni, Città; Porti, Monti, Fiumi, Laghi, e Costumi dell'Africa, FIRST EDITION, italic letter, 12 double-page engraved maps, woodcut headpieces and ornamental initials, slight browning, a little dampstaining at head of a few leaves, maps slightly shaved at borders, eighteenth-century vellum boards, rubbed and slightly soiled [Adams S378, Mendelssohn II, p. 269]. Large folio. Venice, Appresso Damiano Zenaro, 1588. **£3800**

19 [MERCATOR (GERARD) ATLAS SIVE COSMOGRAPHICAE MEDITATIONES DE FABRICA MUNDI ET FABRICATA FIGURA . . .], Galliae, 15 maps (of 16), wanting Koeman's no. 44, also the title and dedication leaf [Duisberg, 1595]; Belgii Inferioris, engraved title and 9 maps, first map repaired, stained, ib. [1595]; Germaniae, engraved title and 26 maps, ib. [1595]; Italiae, Slavonicae, et Graciae, engraved title and 22 maps, ib. [1589], 4 parts: 3 engraved titles and 72 engraved maps (71 double-page, 1 full-page), title-cartouches and other decorative features, title to the last part cut round, mounted and misbound before the index to Germania, followed by the portrait of Mercator aged 62 (not called for), similarly mounted, dedication leaf to this part repaired, with loss of text at foot, printed index to each part, general index at end, Koeman's second issue text on versos of maps throughout, a few maps torn and repaired, a number of margins reinforced, occasionally affecting engraved surface, some staining, title written in red crayon on versos of maps of Germania, without the first part of the work, but with Rumold Mercator's world map (dated 1587) and a map of Europe at end, both mounted, text below the former a little defective, and 3 other maps (defective), similarly mounted, in 1 vol., old paste-downs preserved bearing extensive seventeenth-century manuscript entries in French, some dated, contemporary vellum, restored [Koeman BI 13A, II, pp. 297-302]. Folio (395mm, by 265mm.). Duisberg [1589-95], n.d. **£5000**

20 MERCATOR (GERARD) ATLAS MINOR . . . à l'Hondio plurimis aeneis tabulis auctus atque illustratus, Koeman's issue with the pages unnumbered, engraved architectural title, plus 5 preliminary leaves: 2 prefaces, etc., and index, allegorical engraving on recto of [A1] leaf of text to world map, 153 engraved maps, including, Guisnucua and map of the voyage of Aeneas, neither in Koeman's ME 186, but without Rugia, no. 84 in the latter, wanting the colophon leaf, title torn, some waterstaining throughout, sometimes affecting the maps, fore-margins of first 3 maps a little frayed, map of Asia detached, small hole in map of Holsatia, a few pen marks and some minor underscoring, contemporary vellum gilt, three-line border, inner panel, lozenge-shaped centre ornament, wanting ties, worn [cf. Koeman ME 186, 189B, II, pp. 510-513, 519]. Oblong sm. 4to (168mm, by 220mm.). Amsterdam [1610]. **£2200**

21 MERCATOR (GERARD) HISTORIA MUNDI or Mercators Atlas . . . rectified . . . by Iudocus Hondy, Englished by Wy[e] [Saltontall], FIRST ENGLISH EDITION, 175 engraved full-page maps in the text, lacks engraved title, engraved frontispiece and some text leaves, many leaves loose and frayed, some damaged, including printed title, one map detached, some maps cropped, contemporary boards, worn, spine missing [STC 17824]. Folio. 1635. **£1000**

22 BUSSEMECHER (J.) EUROPAE TOTIUS ORBIS TERRARUM PARTIS PRAEANTISSIMAE . . . DESCRIPTIO, engraved architectural title, printed title, portrait on verso, engraving on verso of leaf preceding world map, 65 double-page engraved maps (of 66: wanting no. 44), COLOURED BY A CONTEMPORARY HAND, including the cartouches,

arms, medallion portraits, etc., on the maps, the engraved title, portrait and some leaves of text, map of Germany torn and a little defective, some other maps torn or separated in centre fold, clean tear in top margin and bottom of fold of world map, slit in penultimate leaf of preface, some discoloration and a few stains, early inscription at foot of title deleted, contemporary parchment, spine defective, some slight worming, worn. Sm. folio (281mm, by 193mm.). Cologne, 1594-96. **£4200**

23 [ATLAS] A COLLECTION OF 95 ENGRAVED MAPS, mostly eighteenth century, some earlier, one later, a number undated, including America, Africa, Asia, Europe, Great Britain, Germany, the Low Countries, Scandinavia, Russia, Japan, 2 world maps, etc., by J. B. Homann and Hommann's Heirs (35 maps), T. C. Lotter (10), M. Seutter (11), J. B. Nolin (7), N. de Fer (7), F. de Wit, N. Visscher and others, and 2 other plates, in 1 vol., the maps variously dated between 1632 and 1759 (one 1806), most maps double-page, a few folding, one full-page, mostly hand-coloured in outline, principal areas in many cases fully coloured, one or two maps uncoloured, a number embellished with title-cartouches, vignettes and other features, edges of a number of maps cut close and sometimes reinforced, some tears, repairs and dampstaining, a few maps mounted, manuscript titles, pen marks and scribbles on some versos, nineteenth-century quarter parchment, limp boards. Folio (490mm, by 300mm.) n.d. **£4800**

24 FRANCE AND SWITZERLAND -TASSIN ([NICOLAS]) LES PLANS ET PROFILS DE TOUTES LES PRINCIPALES VILLES ET LIEUX CONSIDERABLES DE FRANCE . . . seconde partie, engraved and printed titles, 222 engraved plates, including title (dated 1644), 11 subtitles, 8 contents leaves, folding map of France, 201 full-page maps, plans and views, wanting Languedoc plates no. 5, 15, 27, 28, Poitou no. 6 and 7, Loire no. 14, 15, 17, and probably sub-title to Bourges, engraved title a little soiled, small stain affecting A2-3, Paris, M. Vanlocho, 1638; N. Brev, 1644, DESCRIPTION DE TOUS LES CANTONS, VILLES, BOURGS, VILLAGES . . . DU PAYS DES SUISSES, title and text in Latin and French, folding engraved map of Switzerland, engraved sub-title and 35 full-page engraved views, contents leaf at end mounted, map torn, ib., M. Vanlocho (sic), 1635, 2 works in 1 vol., seventeenth-century panelled calf, very worn. Oblong sm. 4to (162mm, by 213mm.). **£4500**

25 BLAEU (W. AND J.) LE THÉÂTRE DU MONDE, ou Nouvel Atlas. Part II, France, Spain, America, etc., 2 parts in 1 vol., 2 architectural engraved titles, printed title labels, 92 engraved maps (Koeman's no. 52 not present in this issue), 1 folding, 91 double-page, some hand-coloured in outline, including the 15 maps of the Americas: some cartouches, arms and other features fully coloured, contents leaf at end of both parts, worming in top blank margin of first title and a few maps following, Koeman's map 1 (France) detached, 2 wormholes, map of Savoy torn in two, tear at bottom of centre fold of one or two other maps, tear in folding map, manuscript marginalia on 3 maps, a few stains and some creasing, original vellum gilt, rolls borders, inner panel, cornerpieces, lozenge-shaped centre ornament, g.e., soiled, worn [see Koeman BI 17, 18B, 18 C.1., pp. 119-124]. Folio (510mm, by 330mm.) Amsterdam, 1645. **£4000**

26 BLAEU (W. AND J.) LE THÉÂTRE DU MONDE, ou Nouvel Atlas, part III, architectural engraved title, printed title-label, 66 engraved maps (Italy 58, Greece 4, Great Britain 4), 62 double-page, 1 full-page, 3 in text, mostly hand-coloured in outline, historiated and other cartouches, coats of arms and other features, in a number of cases wholly or partly coloured, contents leaf at end, plus Blaeu's map of the Danube, folding, 2 sheets joined, hand-coloured in outline, large historiated title-cartouche and scale-vignette fully coloured, loosely inserted, some maps creased, slight staining, mainly of edges and top corners, original vellum gilt, roll borders, inner panel, cornerpieces, lozenge-shaped centre ornament, g.e., stained [see Koeman BI 35F, 35A, 35D.1, pp. 160-183]. Folio (510mm, by 330mm.). Amsterdam, 1645. **£3000**

27 BLAEU (W. AND J.) LE THÉÂTRE DU MONDE, ou Nouvel Atlas, part IV [Great Britain], thick paper copy, architectural engraved title, printed title-label, 58 engraved maps (57 double-page, 1 full-page), FINALLY COLOURED BY A CONTEMPORARY HAND in outline, historiated and other cartouches, coats or arms, vignettes, sailing ships, etc., and the title, fully coloured, 3 engravings in the text hand-coloured, contents leaf at end, plus a duplicate of the map of Devon, similarly coloured, loosely inserted, very slight worming of some blank inner bottom corners, minor waterstaining of a few outer edges, mostly at end of vol., some maps and text detached from guards, wanting D1-2 (pp. 13-16), original vellum gilt, roll borders, inner panel, cornerpieces, lozenge-shaped centre ornament, g.e., soiled [see Koeman BI 42A, B, I, pp. 173-175]. Folio (510mm, by 330mm.). Amsterdam, 1646. **£6500**

28 BLAEU (W. AND J.) LE THÉÂTRE DU MONDE, [PREMIÈRE], SECONDE PARTIE, 2 vol., FIRST EDITION, engraved architectural titles, 208 engraved maps (7 folding, 198 double-page, 3 in the text), COLOURED BY HAND in outline, many features fully coloured, including the titles (heightened with gold), vignette borders, title- and other cartouches, arms, inset maps and plans, sailing ships, etc., contents leaf at end of both vol., plus 2 inserted maps (Dancerkers, Hungary, imperfect; F. de Wit, Morea, cropped), clean tear at bottom of fold of world map, a few other maps separated in centre fold, map of Lithuania worn in some folds, some maps a little soiled, small wormhole in last 2 maps in vol. 2, fore-margins of text and some maps in latter part of vol. 1 and throughout vol. 2 dampstained and fragile, but not usually affecting engraved surface, original dark brown morocco gilt, roll borders, inner panel, cornerpieces, lozenge-shaped centre ornament, gilt spines, damage to upper joint of vol. 1, vol. 2 spine defective, g.e. [Koeman BI 11, 12, I, pp. 106-110]. Folio (505mm, by 320mm.). Amsterdam, 1635. **£16,000**

29 BLAEU (W. AND J.) LE THÉÂTRE DU MONDE, ou Nouvel Atlas . . . troisième partie [Italy], French text, architectural engraved title, printed title label, 64 engraved maps (as is correct

for this issue: Italy 58, Greece 3, Crete, Scotland, Ireland), contents leaf at end, 60 maps double-page, 1 full-page, 3 in the text, ALL COLOURED BY HAND in outline, the title, historiated and other cartouches, arms, and other decorative features on the maps fully coloured, slight waterstaining of some fore-margins, affecting 4 maps and a few leaves of text, on later guards throughout, contemporary chestnut morocco gilt, roll-borders, inner panel, cornerpieces and centre ornament, gilt spine, g.e., wanting ties, a little worn [Koeman BI 35A, 35C, 35H, I, pp. 160-163]. Folio (510mm, by 340mm.). Amsterdam, 1650. **£3000**

30 OGILBY (JOHN) BRITANNIA, VOLUME THE FIRST [all published], title printed in red and black, engraved frontispiece, Ogilby's dedications to the Bishop of London and to Charles II, Chubb's issue with the history of the City of London on 4 leaves, 6 other preliminary leaves, 3 folding printed tables, double-page engraved general map, 100 double-page engraved road maps shown as a continuous ribbon, "Table directing to the Cities . . ." 2 leaves, at end, marginal repair to first of the 3 printed tables, small perforation in plate 8, rust-hole in plate 26 and in margin of plate 62, affecting side-note, some minor dampstaining at end of vol., very slightly affecting the last few maps, fore-margins of table at end a little fragile, the maps neatly numbered in pencil in top fore-corners, modern brown calf, panelled in blind [Chubb 100, 101]. Folio (432mm, by 275mm.). Printed by the Author, 1675. **£5000**

31 [ATLAS] -A COLLECTION OF 41 SEVENTEENTH-CENTURY DOUBLE-PAGE ENGRAVED MAPS, mostly by P. du Val or N. Sanson, hand-coloured in outline, title-cartouches and other decorative features, the maps variously dated, between 1661 and 1670, some undated, preceded by double-page engraved geographical table, repaired, no title or text, some dampstaining of bottom margins, some lower outer corners frayed at beginning of vol., affecting engraved surface of first few maps, last map defective, 2 maps torn, some slight worming throughout, 2 maps detached, seventeenth-century parchment-backed paper boards, very worn. Folio (340mm, by 310mm.) [Paris], n.d. **£1500**

32 DUDLEY (Sir ROBERT) ARCANO DEL MARE, Vol. 2 only, Book VI, in 4 parts, second edition, title with engraved vignette, 131 engraved double-page or full-page charts (Europe 58, Africa 17, Asia 23, America 33), contents leaf, a few of the American charts embellished with figures of natives, monsters, sailing ships, etc., every chart with title-cartouche, compass rose and other features, a few charts slightly browned, or discoloured in centre fold, with a few minor perforations, early ownership inscription on title, top fore-corner soiled, slight dampstaining of some top margins, Europe chart 31 torn, last few charts in vol. loose, contemporary parchment, wanting spine, very worn, partly uncut. Large folio (545mm, by 420mm.). Florence, 1661. **£17,000**

33 COLLINS (Capt. GRENVILLE) GREAT BRITAIN'S COASTING PILOT, 2 parts in 1 vol., FIRST EDITION, engraved title-page, printed titles in red and black, 44 engraved maps, 1 folding, 41 double-page, some cut slightly short, 1 slightly torn, and 2 plates of coastal profiles, 1 double-page, slightly soiled, contemporary ownership inscriptions, contemporary panelled calf, worn [Wing C5358]. Folio. 1693. **£2200**

34 VARENIUS (BERNARDUS) COSMOGRAPHY AND GEOGRAPHY . . . the General and Absolute Part of Cosmography and Geography; being a Translation from . . . Varenius . . . [and] a Geographical Description of all the World, taken from . . . Monsieur Sanson . . . the Third Impression [with] the County-Maps of England, drawn from those of Speed, 3 double-page engraved plates, 60 engraved maps (of 63) (2 lacking those of Scotland, Wales and Ireland), hand-coloured in outline, comprising double-page or folding maps of the World, Europe, France, Germany, Italy, Muscovy, Poland, Scandinavia, Spain, Africa, Aethiopia, Barbary Coast, Libya, North America, South America, Arabia, Asia, China, East Indies, Persia, Tartary, Turkey and Great Britain, the remaining 37 maps being single-maps of the English counties, slight browning and soiling, some of the double-page or folding maps torn, mostly repaired, one of the plates slightly torn, nineteenth-century half roan, rubbed [Wing I 104]. Folio. 1693 **£1400**

35 FRANCE AND SPAIN -BEAULIEU ([SEBASTIAN DE PONTAULT] Sieur de) PLANS ET PROFILS DES PRINCIPALES VILLES DES DUCHES DE LORRAINE ET DE BAR, engraved title, sub-title and 104 maps, plans and views, numbered 1-110 (55, 82, 83, 86 omitted), title and sub-title discoloured, Paris, chez l'Auteur [? 1694]: LES CARTES, PLANS ET PROFILS DES PRINCIPALES VILLES . . . DE BOURGOGNE, engraved title, contents leaf, 142 maps, plans and views, numbered 111-136, Paris, n.d., LFS PLANS ET PROFILS DES PRINCIPALES VILLES . . . DI **£1400**

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 Vesconte, Perrinus 11 60
 Vespucci, A. 7 42 8 75
 Vianen, J. van 9 31
 Vincentus, Corsulensis 11 64
 Vischer, G.M. 10 47
 Visscher, C.J. 11 36
 Visscher, N. 8 15, 58 9 18, 48 10 30 11 23, 47-50
 Voerhoff, P.-W. 8 75
 Vooght, C.J. 11 42
 [Waggoner] 8 63, 66, 67
 Waldseemüller, M. 10 16
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 Weiss, J.F. 8 75
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 Werdenhagen, J.A. 8 57
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 Wohlgenuth, M. 8 14, 53, 78 9 49 10 22
 Wolff, J. and Heirs 8 33 9 19
 Wood, J. 11 53
 Wood, Capt. J. 8 62, 65, 66
 Wyld, J. 11 55
 Xylander, W. 9 2
 Zanetti, F. and Ruffinelli, G. 11 2
 Zatta, A. 9 23 10 24
 Zenaro, Damiano 11 18
 Zeiller, M. 8 23, 25, 27, 28, 31, 33 9 42 10 12-15, 32-46

CATALOGNE, engraved title, tables, etc. (9 leaves) and 105 maps, plans and views, numbered 1-116, plus 14 bis (99 and 100 omitted), *ib.*, n.d., 3 parts in 1 vol., 237 full-page engraved plates in all, eighteenth-century calf, worn. Oblong sm. 4to (190mm. by 240mm.).

£1000

36 [ATLAS]—A COLLECTION OF 40 ENGRAVED MAPS of the Low Countries, Germany, France, Spain, Italy, Poland, Russia, America, etc., by C. J. Visscher (37 maps), C. Allard (11), P. Persoy (2), F. de Wit (1), plus Persoy's fine double-page engraved plan of Amsterdam, all fully coloured by hand, except one map outline-coloured, (7 maps folding, 30 double-page), 2 folding maps torn, hole in map of Portugal, tear in fold of several other maps, fore-margins dampstained and fragile throughout, not affecting engraved surface, contemporary calf-backed marbled boards, very worn. Folio (540mm. by 315mm.). [Amsterdam, n.d. (maps c. 1700)].

£5000

37 [ATLAS]—DELISLE (G.) A COLLECTION OF MAPS OF THE WORLD, including America, Canada, the Caribbean, France, Germany, Switzerland, Russia, Mediterranean countries, Africa, maps of the world, the hemispheres, the arctic and antarctic, and several maps of the ancient world, in all 93 engraved maps (3 folding, 90 double-page), some in 2 or more sheets, separately numbered, 91 hand-coloured in outline, 2 uncoloured, variously dated, between 1700 and 1733, a number undated, tear in fold of the world map, map of France repaired in fold, some margins shaved, one or two small stains, in 1 vol., without title or text, on guards throughout, eighteenth-century mottled calf, gilt spine, morocco label, spine defective, worn. Large folio (505mm. by 350mm.). [Paris], n.d.

£5500

38 FER (N. DE) ATLAS CURIEUX, ou le monde représenté dans les cartes. 2 parts in 1 vol., engraved throughout, 184 plates (of total of 188 called for), including title, table of contents, and 182 maps, plans, views, etc., mostly accompanied by separate text, wanting vol. 2 title and a few other plates, some plates misbound or descriptions at variance with contents table, top margin of latter a trifle frayed and soiled, title a little soiled, top fore-corner of one map repaired with loss of engraved surface, one or two short tears, small round wormhole in blank fore-margins at beginning of vol. nineteenth-century tree calf gilt, Harrington arms on sides, one cover detached, one joint split, worn. Oblong folio (273mm. by 400mm.). Paris, chez L'Auteur, 1705.

£2400

39 HOMANN (J. B.) ATLAS NOVUS, 3 vol., pictorial engraved title and 367 engraved plates, including 2 world maps, celestial planisphere, plate of globes and armillary sphere, tabula aemographica, 4 small maps of language groupings on one sheet, 314 maps (8 folding, 306 double-page), by J. B. Homann (108 maps), Homann's Heirs (120), J. C. Homann (3), Matthew Seutter (51), 32 (mostly additional) maps by other cartographers (2 not identifiable, one of Utopia), of Europe, The British Isles, Germany, France, the Low Countries, Scandinavia, Switzerland, Russia, Asia, the Near and Far East, the Mediterranean, Africa, the Americas (14 maps), etc., engravings of tools and implements of war and fortification, tabular key to a map of Germany, plate of flags of the world, 6 other plates (2 uncoloured), and 40 ENGRAVED PLANS OF EUROPEAN CITIES (28 by Matthew Seutter, 12 by the Homanns), many of the Homann maps dated (between 1718 and 1773), 2 by Sanson dated 1648, 4 by Du Val 1677, 1 by Domenico de Rossi 1696, the title, maps and 39 of the plans COLOURED BY A CONTEMPORARY HAND, most of the plans in full, the maps in outline, but the principal areas in most cases also fully coloured, 3 plates uncoloured, the maps embellished with historiated and other cartouches, arms, vignettes, inset views and other features, and a number of Seutter's city plans with panoramic and other views, plan of Paris repaired, various place names on a number of the maps neatly underscored in ink, manuscript index on leaf at beginning of each vol., the plates in each vol. serially numbered in manuscript on the versos of the top fore-corners (one or two on the rectos), earlier similar numbering cut away or cropped, some margins shaved or cut close, tears in some of the folding maps, repairs to a few other maps, mostly to margins or lower part of centre folds, other very minor repairs to margins, a few stains, one or two of the additional maps mounted, title mounted, 2 small perforations in the engraved surface, on later guards throughout, eighteenth-century half calf, morocco labels, tear in vol. 2 spine, a little worn. Folio (each vol. approx. 510mm. by 325mm.). Nuremberg, n.d.

£38,000

40 HOMANN (J. B., AND HEIRS) HOMANNISCHER ATLAS, title printed in red and black with engraved vignette map, engraved pictorial frontispiece, portrait of J. B. Homann and 99 engraved maps, including 2 world maps, 2 celestial maps and maps of America, Africa, Asia, Europe, France, Italy, Scandinavia, Russia, etc., hand-coloured in outline, principal areas in many cases fully coloured, historiated and other cartouches, coats of arms, vignettes and other features, plus 3 plates of tables at end, all hand-coloured, contents leaf in German and Latin, the maps variously dated, between 1730 and 1784, some undated, most maps numbered in manuscript on versos of top fore-corners, a few on rectos, 4 numbers omitted, but 6 unnumbered, title reinforced at inner margin, portrait torn and repaired, touching engraved surface, the frontispiece pasted to later endleaf, some waterstaining at end of vol., affecting several maps, 2 maps torn, 8 separated in centre fold, in some cases repaired, a few stains, original calf, worn. Large folio (535mm. by 320mm.). Nuremberg, n.d.

£4200

41 RENARD (LOUIS) ATLAS DE LA NAVIGATION, ET DU COMMERCE, second edition, title printed in red and black, with engraved vignette, engraved planisphere plate (frontispiece/ title), portrait of George I, headpiece and ornamental capital on dedication leaf, 28 engraved maps and charts (1 folding, 27 double-page) with separate accompanying text, and 2 plates of fortification and the implements of war, each on 2 folding sheets, the maps embellished with historiated cartouches, vignettes, and other features, dustsoiling of outer margins of frontispiece and final page of text, stain in blank fore-margin of one leaf (pp. 19/20), original boards uncut, calf spine, worn [Koeman Ren 2, IV, pp. 433/434]. Folio (570mm. by 350mm.). Amsterdam, Regner &

Josua Ottens, 1739.

£4000

42 MARITIME ATLAS—KEULEN (J. VAN) DENIEUWE GROOTE LICHTENDE ZEE-FAKKEL, HETTWEDE DEEL . . . verbeterd door Claas Janz. Voogt, 2 parts in 1 vol., Dutch text, 34 engraved charts (1 folding, 33 double-page), historiated and other cartouches, inset charts, sailing ships and other features, numerous woodcut coastal profiles and other woodcuts in the text, title soiled and inner margin renewed, one or two small wormholes in centre fold of the first few charts, plate of Flanders coast stained, top blank fore-corners damp-stained and fragile, some cropping, some discoloration of centre folds, on later guards throughout, contemporary half calf, cloth ties, split at top of upper joint [cf. Koeman, Keu 75B IV, pp. 333/4 ("only copy known with this date")]. Folio. Amsterdam, Joannes van Keulen en Zoonen, 1769.

£1100

43 LOTTER (T. C.) ATLAS NOVUS, pictorial engraved title and 26 double-page engraved maps, hand-coloured in outline, principal areas in most cases fully coloured, including globe on engraved title, cartouches, arms, vignettes, inset maps, etc., tear in centre fold of 3 maps, affecting engraved surface, a few other tears, stain on map of Africa, some other staining, mostly of margins, title a little soiled, eighteenth-century limp leather, worn. Folio (545mm. by 355mm.). Augsburg [c. 1770, or later].

£1500

44 JEFFERYS (T.) THE WEST-INDIA ISLANDS from actual surveys . . . a new edition, 19 engraved maps (2 folding, 15 double-page, 2 full-page), FINELY COLOURED BY HAND, including compass roses and some of the inset maps and charts, etc., no. 19 added in manuscript to contents list on title, some discoloration and slight offsetting, R. Laurie and J. Whittle, 1799, bound with Anville ([J. B. B.] d) A complete body of Ancient Geography, 13 engraved maps (12 double-page, 1 full page), coloured by hand, some edges shaved or cut close, *ib.*, 1801, nineteenth-century russica gilt, one cover detached, worn. Folio (543mm. by 375mm.).

£2000

45 WORLD MAP [ARNOLDI (ARNOLDO DI) DESCRITTIONE UNIVERSALE DELLA TERRA CON L'USO DEL NAVIGARE NUOVAMENTE] ACCRESCIUTO AN[NO] 16 [69], very large and remarkably detailed engraved map of the world, embellished with historiated, armorial and other cartouches, sailing ships, sea monsters, etc., inset map of the arctic hemisphere, compass card and other features, lettered in Italian throughout, 10 sheets joined, mounted on canvas, some repairs or restoration, affecting the dedication-cartouche and other small areas of the engraved surface, framed. 41in. by 73in. [Siena, Pietro Petrucci, 1669].

£7000

46 WORLD MAP WIT (F. DE) NOVA TOTIUS TERRARUM ORBIS TABULA, very large engraved map of the hemispheres, smaller maps of the celestial hemispheres at foot, flanked by 2 other maps and 2 engravings illustrative of the theories of Tycho Brahe and Copernicus, outer corners filled with fine large pictorial vignettes, groups of human figures and wild animals on the land areas of the principal map, groups of men of war and other ships on the seas, some shown in action, broad side margins occupied by 22 views or plans of cities of the world, extensive descriptive text across bottom, with the exception of the latter, THE WHOLE COLOURED BY HAND, the map formed of 12 sheets joined, plus the side borders, some surface damage, repairs or restoration, outer edges frayed, on canvas, secured to modern wood frame. 57½in. by 91in. Rome, 1675.

£1900

47 WALL MAP—AMERICA. BLAEU (W. J.) NOVA AMERICA E SIVE NOVI ORBIS TABULA, large engraved map, COLOURED BY A CONTEMPORARY HAND in outline, including inset maps of the arctic and antarctic regions, with cartouches, groups of sailing ships, compass roses, a historiated cartouche enclosing notes on the discoverers of America and incorporating 4 medallion heads, 16 groups of human figures in borders at sides, 12 vignette city views and plans in bottom border, etc., all fully coloured, the borders surrounded by extensive printed descriptive text in Latin, French and Dutch versions, some repairs, affecting the engraved surface, stains or discoloration, the whole mounted on linen in a light wooden frame [Wieder 85]. Overall approx. 47½in. by 66½in., map and borders 37½in. by 54½in. Amsterdam, N. Visscher [after 1657].

£7500

48 WALL MAP—AFRICA. BLAEU (W. [J.]) NOVA AFRICA E HYDROGRAPHICA GEOGRAPHICA ET (sic) DESCRIPTIO, large engraved map, COLOURED BY A CONTEMPORARY HAND in outline, historiated title-cartouche, animals, compass roses, sailing ships, sea monsters, 16 groups of human figures in borders at sides, 12 vignette city views and plans in bottom border, etc., fully coloured, the borders surrounded by extensive printed descriptive text in Latin, French and Dutch versions, some damage affecting engraved surface of water area, several ships, one vignette view and a few words of text, some discoloration, the whole mounted on linen in a light wooden frame [Wieder 88]. Overall approx. 48in. by 67½in., map and borders 37½in. by 55½in. Amsterdam, N. Visscher [after 1657].

£2200

49 WALL MAP—ASIA. BLAEU (W. J.) NOVA ET EXACTA ASIAE GEOGRAPHICA DESCRIPTIO, large engraved map, COLOURED BY A CONTEMPORARY HAND in outline, including inset map of antarctica, historiated title-cartouche, other cartouches, sailing ships, compass roses, 16 groups of human figures in borders at sides, 12 vignette city views and plans in bottom border, etc., fully coloured, the borders surrounded by extensive printed descriptive text in Latin, French and Dutch versions, some damage slightly affecting engraved surface, also text in a few places, one or two small burn-marks, some discoloration, the whole mounted on linen in a light wooden frame [Wieder 87]. Overall approx. 47½in. by 67½in., map and borders 37½in. by 54½ins. Amsterdam, N. Visscher [after 1657].

£2700

50 WALL MAP—EUROPE. BLAEU (W. J.) NOVA ET ACURATA TOTIUS EUROPAE TABULA, large engraved map, COLOURED BY A CONTEMPORARY HAND in outline, including inset maps of the hemispheres, cartouches, sailing ships,

compass roses, 16 groups of human figures in borders at sides, 12 vignette city plans and views in bottom border, etc., fully coloured, the borders surrounded by extensive printed descriptive text in Latin, French, and Dutch versions, damage and repairs affecting engraved surface of map in several places, also one vignette view and portions of text, some discoloration, the whole mounted on linen in a light wooden frame [Wieder 83]. Overall approx. 48in. by 66½in., maps and borders 37½in. by 54½in. Amsterdam, N. Visscher [after 1657].

£1000

51 GLOUCESTERSHIRE SAXTON (CHRISTOPHER) GLOCESTRÆ sive Claudioestriae Comitatus] . . . verus tipus atque effigies . . . Augustinus Ryther Angelus sculpsit, 1577, engraved map, hand-coloured in outline, Roman arms, Seckford arms, scale-cartouche, etc., fully coloured, framed. 383mm. by 496mm. [1579].

£1500

52 A SMALL COLLECTION OF ENGRAVED MAPS AND PLANS, including "Civitas Londinum . . . 1560", fine large remarkably detailed woodcut map of London, attributed by Vertue to Ralph Agas, cartouches, arms of James I and City Arms, the Thames and country to the North of the city coloured by hand, 8 sheets joined, mounted on linen, folded, extending to 27½in. by 74in., "[G] Vertue, Soc. Antiq. Lond. excudit 1737", Charles Labeyrie's "Map of the Downes", 2 sheets joined, 1737; John Rocque's map and plan of St. Phillips Castle, Minorca, coloured by hand, 1756; H. Moll's plan of Gibraltar, n.d.; C. Middleton's Chart of Hudson's Bay and Straits, Baffin's Bay, etc., 1743; Henry Ellis's Chart of the Coast where a North West Passage was attempted in . . . 1746 and 1747, tear in fold, n.d.; H. Overton's Map of the seat of War in Flanders . . . large vignette, 1744; A plan of the Battle of Culloden, hand-coloured, unsigned, n.d., plans of fortified towns or military engagements, etc., 26 items in all, in 1 vol., a few margins torn or frayed, some dust-soiling, eighteenth-century half calf, one cover detached, worn. Folio (540mm. by 570mm.). n.d.

£1400

53 A SMALL COLLECTION OF EIGHTEENTH-CENTURY ENGRAVED MAPS AND PLATES, including 4 maps by W. Delisle: The Arctic and Antarctic, both Paris, 1714, Mapped-monde, folding, *ib.*, 1720, Carte des Nouvelles Découvertes au Nord de la Mer du Sud, includes N. America, *ib.*, n.d., all hand-coloured in outline; J. N. Bellin's map of the Balearic Islands, *ib.*, 1740; N. de Fer's map of the Low Countries, n.d., and 2 maps of Russia: 1 engraved plates relating to London, including J. Rocque's "Plan du Jardin & Vuë des maisons de Chiswick", plan surrounded by 13 inset views, folded, 1736; T. Lediard's large-scale "Plan of part of the Ancient City of Westminster . . .", folding, 1740; James King's "Design of the timber superstructure of the Bridge . . . at Westminster . . .", signed by the architect, folding, 1738; Charles Labeyrie's design for a stone superstructure for the same bridge, folding, 1739, 3 other plates relating to London bridges and 3 to the Fire of London; John Wood's plan of the City of Bath, 1735, and other plates, 25 items in all, in 1 vol., some margins torn or frayed, with occasional loss, eighteenth-century half calf, Harrington arms gilt on morocco panels in centre of covers, top of spine damaged, worn. Large folio (580mm. by 630mm.).

£1200

54 PANORAMIC RIVER MAPS—KOOPS (MATTHIAS) MAP OF THE RIVER MAESE [Maas], 3 sections, 1 June, -1 December 1797; RIVER SCHELDT, 1 section, 1 June 1797, together 9 double-page remarkably detailed engraved maps, FINELY COLOURED BY A CONTEMPORARY HAND, including individual emblematic dedication-cartouches, dated 1796 (the last 1797), compass point, towns and villages, etc., each map section surrounded by or incorporating the title, section subtitle and printed tabular lists of "Cities, towns, villages . . . with the names of the Sovereigns to whom they belonged, previous to the present War", titles and text mounted, as issued, paper watermarked 1794, old repair to blank lower border of second section of map of the Rhine, slight past-discoloration to text in a few places, on guards throughout, contemporary half russica gilt, impressions of arms on sides pasted over, upper joint split, worn. Atlas folio (680mm. by 535mm.). M. Kooops, 1 June-1 December, 1797.

£1600

55 CARIBBEAN ISLANDS A collection of eighteenth- and early nineteenth-century maps of islands in the Greater and Lesser Antilles, including Antigua, Bequia, Barbados, British Guiana, Dominica, Grenada, Jamaica, Martinique, St. Christopher, St. Lucia, St. Vincent, Tobago, Trinidad, the Virgin Islands, etc., by, or published by, John Byres, William Faden, Thomas Jefferys, James Wyld and others, variously dated, between 1776 and 1832, plus a few other maps, including Richard Blome's map of Jamaica, 1672, William Hillohouse's map of British Guiana surveyed for the Philosophical and Literary Society of the Bristol Institution, with large inset views and vignettes (J. Wyld, 1828), maps of Madeira by William Johnston (Faden 1791), and Wyld and of Australia and the World by Wyld (1838, n.d.), etc., in all about 45 engraved maps, some folding, a number double-page, Capt. F. Mallet's map of Trinidad in 4 sheets (W. Faden, 1802), a few others in 2 sheets, some waterstaining, occasional tears, repairs or minor fraying, together with about 36 manuscript maps, plans, sketches and similar material relating to Antigua, British Guiana, Dominica, Grenada, Montserrat, etc., and concerning land development, missionary work, the building of churches and schools and other matters in the early nineteenth century, a few tears and stains, in 1 vol. manuscript contents leaf at beginning, the items correspondingly numbered in top fore-corners, the additional maps and manuscript items unnumbered, on guards throughout, except some of the manuscript material and additional maps hinged or loosely attached to versos of other items, 4 loosely inserted, nineteenth-century half-russica gilt, one cover detached, worn. Large folio (630mm. by 445mm.). n.d.

£1900

56 AFRICA—[GASTALDI (GIACOMO)] LA DESCRITTIONE DELL'AFRICA, una delle principali parte del Mondo, engraved map dedicated by the engraver and publisher Paul Forlani to his patron Thomaso Ravenna, showing various Arab settlements and extending to the Mediterranean and beyond the Persian Gulf, compass rose and large dedication cartouche, 2 sheets joined, repaired in some former folds, slightly affecting

engraved surface and with partial loss of one or two words of the dedication [R. V. Toolev, "Maps in Italian Atlases of the Sixteenth-Century", no. 67, in "Imago Mundi" III, pp. 12-47; R. J. Toolev, "Printed Maps of the Continent of Africa", no. 52, in "Map Collectors' Circle", no. 29, p. 20] approx. 440mm. by 600mm. Venice, P. Forlani, 9 May, 1562

£1500

57 Arias Montanus (Benedictus) Sacrae Geographiae Tabulam . . . 1571, double-page engraved world map, the hemispheres embellished with sailing ships, sea monsters, etc., and flanked by figures representing the four winds, lettered in Hebrew and Latin within cartouches, verso blank, tear in one margin and small hole in centre fold, affecting engraved surface, paper a little browned, from the Polyglot Bible of 1572 edited by Arias Montanus, 318mm. by 531mm. [Antwerp, Plantin, 1572]

£1300

58 [PTOLEMAEUS (CLAUDIUS) ORBIS TYPUS UNIVERSALIS iuxta hydrographorum traditionem, woodcut map, coloured by hand, verso blank, bottom margin cut close, with loss of scale, small piece torn from one side affecting woodcut surface, a few marginal tears, two small round wormholes. Approx. 435mm. by 575mm. [Strasbourg, 1513, or later].

£1300

59 ROME AN IMPORTANT COLLECTION OF NEARLY 400 SIXTEENTH- AND SEVENTEENTH-CENTURY ENGRAVED MAPS, PLANS, VIEWS AND OTHER PLATES OF ROME, its public buildings, amphitheatres, baths, tombs, arches, etc., including 13 plates by Antonio Lafreri, variously dated (Rome) between 1547 and 1560, 4 plates by Claudio Duchetti, ib., 1581-1585, 2 by Nicolas Béatrizel, ib., 1552-1557 (?), one by Pirro Ligorio [ib., 1552], and others, many plates undated, some unlettered, some double- or full-page, a number 2, 3 or 4 to a page, except for one or two engravings mounted on verso of others all verso blank, most plates inlaid to size, a few mounted, one or two discoloured, a few stains or minor repairs, in a binding of seventeenth-century gilded Spanish calf, patterned to an elaborate foliate and floral design ("intended for a wall covering), restored. Large folio (518mm. by 430mm.). [? Rome], n.d.

£1800

60 PERRINUS VESCONTE, PORTOLAN CHART OF THE MEDITERRANEAN including the Atlantic coast, the south of Britain and eastwards as far as the Black Sea and the Nile Delta, MANUSCRIPT ON VELLUM, drawn in brown ink, islands coloured in green and red, place-names in brown and red, decorative border along two sides, two league-scales at bottom with chevron decoration in brown, red and green SIXTEEN COMPASS-ROSES with rhumb-lines in brown, red and green,

rubbed, and some parts of coastlines lightly re-inked, three outer edges cropped (with some loss of map on two edges), several holes with loss of map, some stains and other signs of use, recovered from a binding, (432mm. by 760mm.). [Venice or Genoa, c. 1320-25]

£26,000

61 THE EAST INDIES, a portolan chart of the Malay Archipelago and Peninsula, the coast of China (including the site of Hong Kong), the Philippines, Borneo and the Moluccas, MANUSCRIPT ON VELLUM, drawn in dark brown ink with the coastlines shaded in a pale yellow-brown wash, small islands coloured in red or blue, some 25 places and islands mentioned by name, latitudes given in the right-hand margin from 30° South to 33° North, intersected by an elaborate and decorative series of rhumb-lines in red and brown, recovered from a binding, a few small holes (not affecting the map), left-hand edge defective and repaired (without loss of drawing), stained and worn with small tears and creases skilfully repaired, small pieces torn from lower edge, in a fitted cloth case, morocco title gilt. (553mm. by 365mm.). [Portugal, or a Portuguese colony in the Far East, c. 1535].

£38,000

62 JUAN MARTINEZ, PORTOLAN ATLAS OF THE WORLD, including a world map, ILLUMINATED MANUSCRIPT ON VELLUM, complete, FOUR DOUBLE-PAGE MAPS AND ONE HALF-PAGE MAP, plus 3 blank pages and covers, the maps drawn in dark brown ink, the mainland coasts shaded with a pale red wash, island coasts shaded with washes of green and yellow or blue and yellow or (for smaller islands) entirely coloured in red, blue, green or gold, borders of bright red, elaborate compass-roses in gold and colours (up to 8 on a single map) supporting extensive and decorative networks of rhumb-lines in red, pale green and black, league-tables (up to 3 on each map) with decorative pennant ends, place-names in black and red, names of continents in large gold capitals, numerous ANIMALS including elephants, camels, lions and a centaur, SEVENTEEN TOWN VIGNETTES including Mexico City and often drawn in some detail and flying flags, other little pictures including trees around the Amazon, date-palms in North Africa, etc., some stains and signs of use, covers and some blank lower margins slightly defective, some scribbles on covers including supposed dates "1490" and "1493", generally in sound states, (354mm. by 280mm.). [Italy, c. 1585].

£20000

63 GIOVANNI BATTISTA CAVALLINI, THE PORTOLAN ATLAS OF FERDINANDO DE MEDICI, Grand Duke of Tuscany, comprising a title with a full-page armorial device plus THIRTEEN DOUBLE-PAGE MAPS plus full-page table of the thirty-two winds, ILLUMINATED MANUSCRIPT ON VELLUM (first and last pages of paper), each map mounted back-

to-back with the next sheet, double-ruled red borders infilled with yellow wash, the maps drawn in dark brown ink with the mainland coastlines coloured in yellow wash (sometimes also green and brown in the maps of major islands), other islands either with coastlines in pale red or green or entirely coloured in red, blue or gold, rhumb-lines in black, red and green, the land-masses infilled with exceptional detail including hundreds of town vignettes (often with their flags flying above them), trees, hills, and (on the island maps) often individual houses, windmills and lighthouses, numerous elaborate full-coloured compass-roses (up to 17 on a single map), armorial devices, league-scales, etc., all in decorative cartouches, APPROXIMATELY 120 ANIMALS AND SEA-MONSTERS including apes, lions, giraffes, a unicorn, etc., APPROXIMATELY 100 SAILING SHIPS shown in detail with rigging and flags clearly drawn, a few minimal scratches and stains, small areas of repair on first and last pages, rebaked, in a modern cover of vellum over boards. (550mm. by 382mm.). Livorno, 1635.

£34,000

64 A HIGHLY IMPORTANT SIXTEENTH-CENTURY ITALIAN COMPOSITE ATLAS FORMERLY BELONGING TO THE DORIA FAMILY, with seventeenth-century additions, UNRECORDED AND UNPUBLISHED, the original atlas comprising 104 important Italian maps and views, dated between 1535 and 1570 (several in 2 or more sheets), including some by the celebrated Giacomo Gastaldi, as well as Bertelli, Forlani, Camocio, Duchetti and others, in particular an unique woodcut wall map of Spain by Vincentus Corsulensis dated 1551, also several Viennese maps, mostly by Wolfgang Lazius, together with seventeenth-century additions bound in or loosely inserted at end, including manuscript and printed maps, plans and views, the entire contents itemized below, good or fine impressions of the early maps, generally in excellent condition, defects being limited to some worming, marginal paste discoloration, minor stains and tears (usually in folds) and minor flaws unless otherwise stated, inlaid maps cut close, all maps from copper plates except where otherwise mentioned, all the bound maps foliated and entered in a list of contents written in a late seventeenth- or early eighteenth-century hand, sixteenth-century limp vellum gilt, lozenge-shaped composite centre ornament, line border, ornament at inner and outer corners and in compartments of spine, somewhat soiled, Doria Library stamp on verso of first map and lower flyleaf. Large folio (approx. 530mm. by 395mm.). [Italy, probably Venice, c. 1570, and later].

£140,000

TOTAL MAPS AND ATLASES £791387 (520 LOTS)

N.B. Certain of the descriptions of auction entries in the sale at Sotheby's, London, 14-15 April, 1980 are abbreviated in order that they could be included.

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If any dealers from countries dealt with in this issue are not listed, or if other readers know of such dealers, we should be grateful if they would let us know so that we can include them in the next issue.

The publication of this Directory is solely to assist collectors in locating dealers. Any transactions with any of the dealers listed are entirely at their own risk.

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Europe

EIGHT SEA-CHARTS from Lucas Janszoon Waghenar's Le Nouveau Miroir Des Voyages et Navigations, 1583-1596 (1605), the French edition of The Mariner's Mirror. Among the most decorative maps printed, even by Elizabethan standards; the first printed sea-atlas, 'it outranks any other rutter of its period' (Koeman, p.469).

The eight charts below have received a little attention to their lower centre-folds, but are in very good condition, with colouring in the old style to a very high standard.

LUCAS JONNES AURIGARIUS, engr. Joannes a Doetinchem, de Zee Custe, met de Eilanden van Breitaingen, tusschenn Blavet en Picqueliers; 1583. The coast of Brittany from Vannes to St Nazaire and Noirmoutier, incl. Belle Isle. £350

AURIGARIUS, Beschrijvinge der Zee custen van Galissien beginnende van Capo de Finisterre tot Camino, gemaect naet wesen enn gedaente; 1583. The N.W. coast of Spain, from Cape Finisterre to Pontevedra, Vigo, and the northern tip of Portugal. £250

AURIGARIUS, Die Zee Caerte van Portugal, tusschen Camino en Montego, alsoe dat landt al daer in sijn ghedaente is, met alle sijne heaven enn ondiepten, met groeter naersticheijt en vliedt ghecorigeert. The northernmost coast of Portugal, including Oporto. This is the most decorative of these charts, and is illustrated in colour in Tooley's Landmarks of Map-Making. £300

JOANNES A DOETECUM (engr.), Zee Caerte van Portugal, Daer inne begrepen de vermaerde Coopslandt van Lisbonne S.Vues: met hare Rivieren Soe hem die selfde Landen verthoonen als men de Rivieren op enn oft zeijlt; 1583. The southern half of Portugal's west coast, centred on Lisbon. This chart has a tear, which has been expertly restored, little affecting a particularly beautiful chart

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AURIGARIUS, engr. Doetecum, Beschrijvinge der Zee Custen vant Land van

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WAGENAER, engr. Doetecum, Zee Custe van Sweeden, ontrent de Wester wijk enn tggatt vann Stockholm, beginnende van Kalmar tot den Wigsteen en Rookeo gelagen bynnen tggatt van Stockholm alsoe hem tlandt daer verthoont; 1583. S.E. Sweden from Oland to Stockholm roads. On the back is a small chart of Gotland in van den Kiere's miniature style. £525

WAGENAER, engr. Doetecum, Het wterste ofte Oosterste deel van de Oster Zee, Beslooten tegens Ruslandt Lijffland, Oost Finland, In welcken de twee opperste ofte veerste laetplaetsen sijn van de geheele Oosterse navigatie, te weeten Der Narva enn Wijburch, met de omstandicheijt der Eijlandten Clippen enn Sweetse Schaeeren The Gulf of Finland, with the coasts of Finland, Russia, and Estonia. £500

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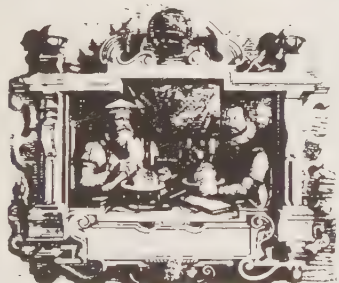
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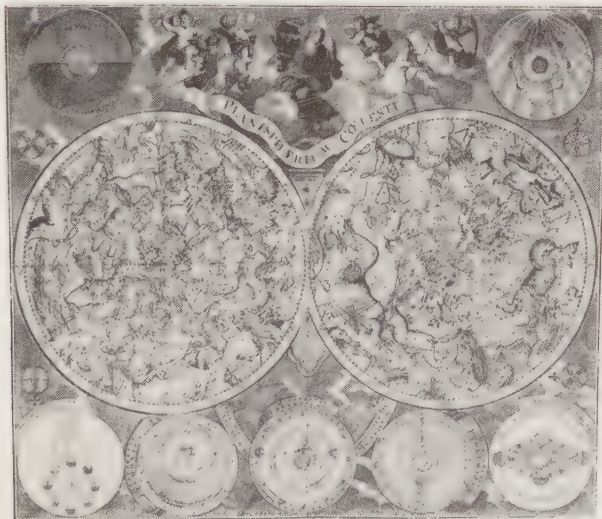
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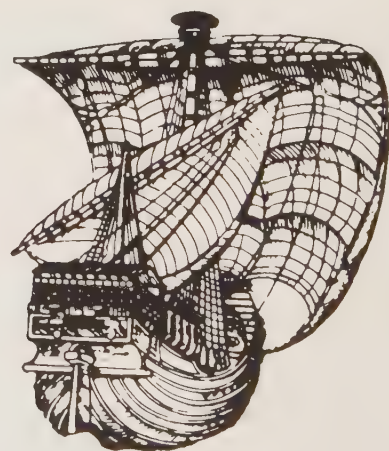
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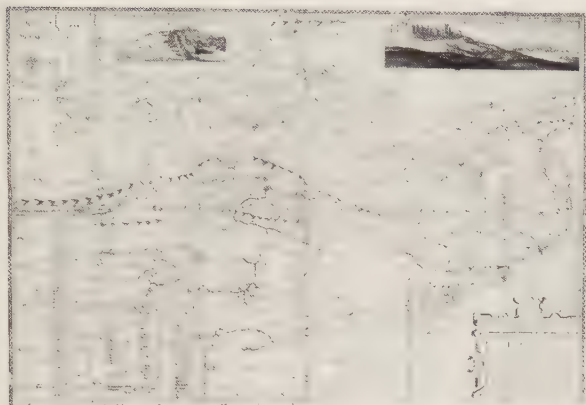
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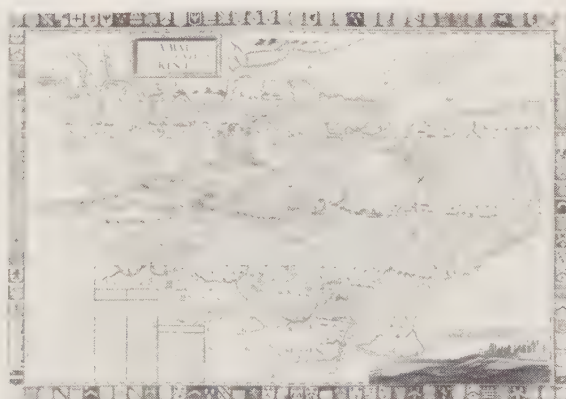
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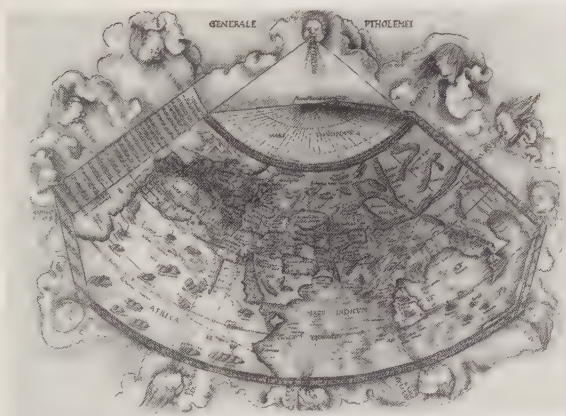
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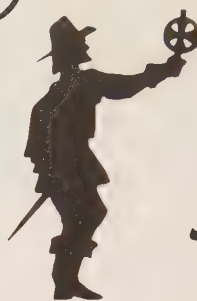
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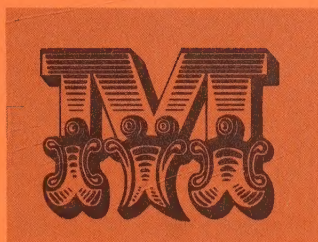
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Specific Consideration for the primacy of CONCEPT over AESTHETIC: In the field of cartography the primary reason maps are made is to give information. While maps made from the 15th to the 19th century can have extremely decorative features, AESTHETIC is usually the secondary consideration in their production and use.

While one of the first attractions that maps have for collectors is their beauty, as time progresses, the history involved in the map becomes much more important. Eventually most connoisseurs see beyond the first impressions and come to appreciate the CONCEPT factors almost exclusively.



Nicolas Sanson. "Le Canada, ou Nouvelle France, &c. ..."
Hand colored line engraving. Folio. Paris:
Pierre Mariette, Rue St. Jacques, 1655.

is now the southeastern United States. Another good example of an "A" concept map would be the map of the West made by John C. Fremont and Charles Preuss published in Washington, D.C. in 1845. The map presented information from Fremont's first two expeditions that radically improved any previous knowledge. Beyond the fact that it gave a considerable amount of new information, the map was the basis for those used by settlers during the great emigrations caused by the discovery of gold in California. Thus it was a map that provided new information over a large area and influenced thousands of people for decades after it was printed.

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The reason for this is that a map with just surface attractions will not hold much interest if the information is long out of date or regressive at the time of its publication. Good examples are the post-1740 editions of Delisle's great map depicting North America in 1703 and 1718. Another example would be the Dutch copies made after 1660 of Jansson and Blaeu maps when far better information was available.

In the field of historical cartography the appeal of a map with an "A" concept rating is that it illustrates, for the first time, information gained from discoveries made over a wide area of land. A classic example is Abraham Ortelius' "L'Florida" engraved and first published in Antwerp in 1584. It was the first printed map to show Hernando DeSoto's discoveries in the interior of what

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