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Telephone: Tring (044282) 4977 Phototypesetting Abacus Graphics, Berkhamsted, Hertfordshire, England.

Artwork Clearway Arts Limited, Hertfordshire, England. Printing Abacus Press, Berkhamsted, Hertfordshire, England.

ISSN 0140-427X

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The Map Collector is a quarterly journal published in March, June, September and December in each year.

Annual Subscription rates. Surface mail: UK and overseas £15. Second class airmail: Europe, Middle East and North Africa £18. Canada, USA, India and South Africa £19, Australia, New Zealand and Far East £20. Other countries: Details on request. Individual issues of The Map Collector are available at £4.00 per copy from Official Distributors (see page 71) or the Publishers.

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Part of Saxton's map of Cornwall, 1576, first published separately and later incorporated in his Atlas. The copper plate was engraved by Lenaert Terwoot of Antwerp, and its decoration is a particularly fine example of the ornate style of the Flemish school, with strapwork, fish, flowers, birds, galleons and sea monsters. The Latin title is surmounted by the Royal Tudor arms of Elizabeth, supported by the lion and the Wessex dragon and symbolising her patronage of the Atlas.





RONALD VERE TOOLEY

Editorial

With this issue we complete the second year of The Map Collector. The past year has been one of steady increase in the number of our subscribers and we hope we are continuing to give pleasure and information to our readers with the variety of articles written by many of our past contributors and by our increasing list of new contributors. A large number of subjects has been covered from the Ortelius maps of Hungary, Large Scale County Maps and City Plans (which we hope to continue shortly), to the History of Paper making and Watermarks, not to mention maps printed on stamps.

A thank you must go to our advertisers who are now sending in attractive display advertisements which are finely designed

and illustrated.

This is, and has been, a very important year for map collectors with two centenaries to celebrate and we are marking both in this issue. Firstly, for British collectors there is the 400th anniversary of the publication of Christopher Saxton's Atlas of England and Wales. Saxton was the first and the greatest of English cartographers and map publishers, supreme in the first Elizabethan age and now honoured in the second by the publication of a fine colour facsimile reproduction of his atlas of 1579 by Frances Louden, and a brand new book on his life and works being published by the Wakefield Historical Society. Brian Harley of Exeter University has written an absolutely fascinating article for us about Saxton's atlas. As he points out, although over the past fifty years Saxton's life and mapping have been thoroughly explored, the contemporary record is still meagre and many questions remain only partially answered. We also have a contribution by Tony Campbell, who has recently acquired a copper plate believed to be a variant sheet forming part of Saxton's wall-map of 1583. This is an amazing story as the copper plate was covered by a Dutch oil painting _ in other words it had been used as an artist's canvas. The reproduction from the plate, as you will see in the article, is first class and extremely clear as if the copper plate was hardly, if ever, used.

The other centenary is that of Adolf Erik Nordenskiöld, the famous Finnish explorer, collector and author of the 'Facsimile Atlas' and 'Periplus' - still models of bibliographic presentation. A tribute to his life and work appears on page 13 and is written by a fellow Fin Tove Olsoni-Nilsson whose firm is one of the

leading map dealers in Finland.

Last note to readers! We have in the past two years of our existence seen several new clubs and societies blossom in America but not in other parts of the world. If people interested in forming map clubs would like to send us their names and addresses we will put them in touch with each other and hope to sow the seeds of future societies.

A very large proportion of our readership is in the USA and yet we have difficulty in encouraging authors to write articles of specialised American interest. Let's hope we can change this in

1980.

Christopher Atlas of and Wales,

by J.B. Harley

EXACTLY 400 YEARS have passed since the first publication of Christopher Saxton's atlas of England and Wales. Embodying the earliest systematic topographical survey of the two nations, it was not only the first English atlas in the modern sense of that word (and the first to be engraved here), but also the earliest uniform national atlas produced by any country. It has become more than a cartographical landmark and a precious record of the landscape of the late-Tudor era. In Edward Lynam's words 'Saxton deserves a place beside Shakespeare as 'an interpreter of the national consciousness, unity and pride ... of Elizabethan England'. A large claim indeed. It is fitting that this four-hundredth anniversary should look back at the circumstances surrounding the birth of the atlas, and be marked with a reconstruction of its technical history, as well as an assessment of its wider influence in the history of cartography.

Over the last fifty years² Saxton's life and mapping have been thoroughly explored. The consensus is that the atlas inaugurated a new era in the regional cartography of England and Wales – and subsequently in the British Isles as a whole. Saxton created a standard set of authoritative county maps, based on an original field survey, and bound into one volume. This was the first of a new species – the county atlas – and it became a model for the English map trade. In the three centuries after Saxton several hundred county atlases were published and in concept and format – indeed for many years in content – they claimed a common

lineage in their Elizabethan prototype.

Such in essence was Saxton's contribution but it is doubtful if the last word has been said. The contemporary record is meagre and many questions remain only partially answered. Saxton was the 'father of English cartography' but little is known of either his private or his public life. How the surveys came to be commissioned can only be imperfectly inferred, the techniques of survey and mode of construction of the maps are still debated, and no precise information is to hand about the workshop in which the sheets were engraved and printed. Similarly, although the complex bibliographical history of the atlas over two centuries is now largely unravelled, it would not be surprising if new variants of individual county maps were to turn up. Systematic research (as in the recent discovery of a newspaper advertisement enabling a Philip Lea's edition of the atlas to be more precisely dated to February 16943) can refine our knowledge of its printing history. The next half century of Saxton studies still holds out ar opportunity to build on the foundations of existing knowledge.

The birth of Saxton's atlas

When Shakespeare observed in *Twelfth Night* that 'some have greatness thrust upon 'em', he can hardly have had in mind his close contemporary Saxton. Yet Christopher Saxton (1542 or 1544-1610 or 1611), born of yeoman stock in the small Yorkshire hamlet of Dunningley, located between Leeds and Wakefield, was neither born great nor did he achieve cartographic immortality by an enterprise entirely his own. He is better understood as ar individual upon whom – almost by chance – the cartographic mantle of the age had fallen. This does not detract from his role as surveyor and draftsman of the county maps, but interprets their history in a wider stream of international cartography and politics. Three sets of influences – at first quite external to Saxton – enable us to grasp the manner in which he achieved what others had proposed.

Saxton and the first England 1579-1979



etail from Saxton's map of Yorkshire, 1577, showing the area around his home village of Dunningley. This was a small settlement within the parish of West Ardsley and but for association with the cartographer it is unlikely that it would have been included on a map of this scale and period. Yorkshire was engraved by Augustine Ryther, a native of eeds, and who thus also had a personal interest in the careful delineation of this district.

Saxton's survey and atlas were first of all an English expression developments pioneered in Renaissance Europe. Parts of ustro-Hungary, Italy, France, Germany and the Netherlands an all record earlier regional surveys made with newly-designed and more-accurate instruments, sometimes based on the still evel principle of triangulation, and often engraved and printed as parate sheet maps. It is also inconceivable that Saxton's atlas build have been completed in 1579 had it not been for the ablication in 1570 of the *Theatrum Orbis Terrarum* of Abraham retelius. These specific European models did much to focus piration within Elizabethan England.

Secondly, although Saxton consummated a marriage of original rvey and atlas publication, neither he nor his patrons were the st Englishmen to contemplate such an enterprise. Indeed, to the vocacy if not the reality of a national survey, Laurence Nowell, ean of Lichfield, can lay prior claim. In 1563 he had written to a Secretary of State and his patron Sir William Cecil (later Lord

Burghley), complaining of the inaccuracy of existing cartography, and offering to prepare maps of all the English counties if he should meet with encouragement. And similarly, Reyner Wolfe, the bookseller who had planned Holinshed's *Chronicles* – but who had died in 1573 – had 'spent a great part of his time on maps' which he hoped would accompany the work. Such allusions led Lynam to argue that the maps eventually produced by Saxton were originally designed – again in European fashion – as a companion volume to the *Chronicles* and that national atlas and national history could have complemented each other. Whether or not drafts of maps were placed at Saxton's disposal can only be conjectured, but possibly he was the beneficiary of various schemes already mooted or partly implemented.

Thirdly, by the 1570s, the political and strategic situation (in particular the need to defend the country against invasion) made reliable maps an urgent object of public concern. There can be no doubt that Saxton's was an 'official survey, promoted by the



Thomas Seckford was a rich and public-spirited Suffolk gentleman who represented Ipswich in Parliament and was a Master of Request's to Queen Elizabeth. According to his contemporary Holinshed, it was through Seckford's 'great charges and notable enterprice' that Saxton's survey and the *Atlas* were undertaken. Portrait by I. Johnson. (By courtesy of the British Museum.)

As testimony to his patronage Seckford's coat of arms was engraved on all 35 maps in the *Atlas* and on the 20-sheet wall map published in 1583. Seckford seems to have invented his own mottoes and up to 1576 adopted *Pestis Patriae Pigrices* (idleness is the plague of the country). Thereafter he substituted in his arms the more positive *Industria naturam ornat* (hardwork improves things), but the map of Warwickshire-Leicestershire, engraved in 1576, carried both versions and thus a double moral for the discogning reader.



Crown on the advice of the Queen's ministers, as an act of policy, and designed to produce maps for the purposes of national administration'. This view is supported by the connections at Court of Thomas Seckford – Suffolk gentleman, lawyer and patriot, and a Master of Requests to Queen Elizabeth – and who was patron to both the survey and engraving of the maps. By July 1573 official interest in the mapping is confirmed by the wording of Saxton's appointment to survey 'by speciall direccion & commandment from the Queenes Majesty'. It was reinforced by orders from the Privy Council in 1575 and 1576 to ensure local co-operation with the surveying party, by grants to Saxton of land, offices, and a coat of arms by the Crown, and then, in 1577, by his ten years' privilege to market the maps.

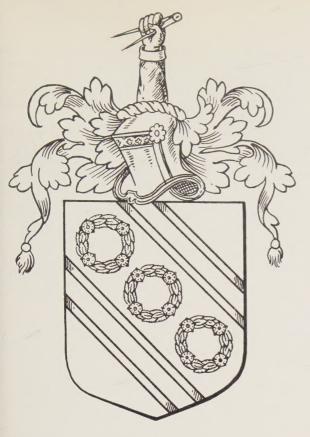
Surveying and drafting the county maps

There will always be alternative interpretations as to why Saxton—an obscure Yorkshire surveyor and still under thirty years of age when commissioned—should have been selected by Seckford to survey England and Wales. Presumably he was already an experienced estate surveyor—the profession he followed for a further twenty years after the atlas brought him national fame.⁶ There is also the suggestion—probably to be discounted—that he had been officially employed in 1569 to copy a map of Belfast Lough and thus was already known as a good draftsman in government circles.⁷ The other conjecture, that Saxton was working for Reyner Wolfe on maps to accompany the *Chronicles* (the maps being then taken over by Seckford), is also attractive but is equally lacking in firm corroboration.⁸

One fact is clear. By 1573 the nation was ready for Saxton. The new European cartography was circulating among English scholars and statesmen and had fuelled an intellectual and practical demand for better maps. New methods of regional surveying, brought back to England by the much travelled and learned Dr. Dee (and gathered by first-hand contact with Gemma Frisius and Gerhard Mercator), were also being digested in the textbooks of William Bourne, William Cunningham and Leonard Digges. Digges, a key figure in disseminating new survey techniques, had printed instructions in *A Geometrical Treatise Named Panometria* (1571) on methods applicable to county surveying. These included a simple form of triangulation – to speed up the arduous task of distance measurement – and notes on instruments such as the

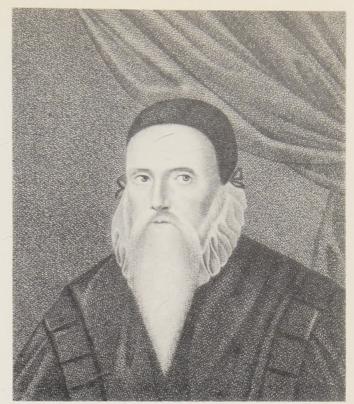
Although Saxton's cartographic immortality rests on his Atlas, the later part of his career from at least 1586 was spent as an estate. surveyor. New manuscript maps from this activity come to light from time to time and, although the majority of his commissions were in the West Riding, in this example, dated 1606, he was retained by the Duchy of Lancaster to work in the parish of Worsthorne in Lancashire. The occasion was a legal dispute about water rights along the Swindon Brook and the map, which was drawn on parchment at a scale of 16 perches to an inch and coloured. shows mills and watercourses. It was one of the latest maps to have survived from Saxton's pen before his death in 1610 or 1611, and shows the relatively unpolished character of his manuscript work compared with the engraved maps. (By courtesy of Public Record Office.)





The Armorial Bearings of Christopher Saxton, of Dunningley in the bounty of York, Gentleman, Granted by William Flower, Norroy, 1July 1579, as recorded at the bollege of Arms.

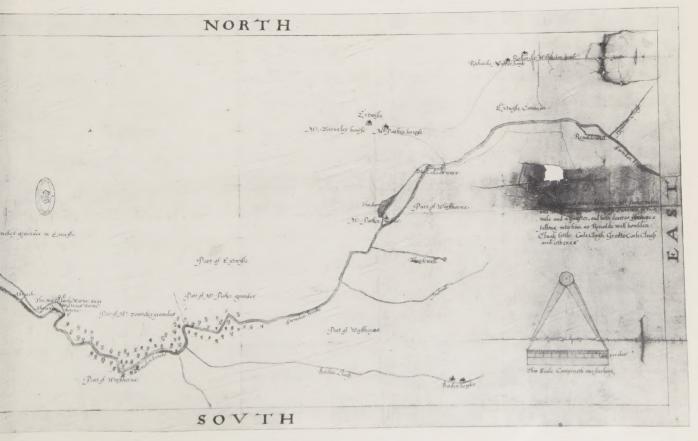
copy of Saxton's coat of arms was preserved in the Wood Manuscripts in the odleian Library, where they were discovered by Fordham and recertified in 1927, wen entirely in recognition of Saxton's cartographical achievements, the original ant was made by William Flower, Norroy King of Arms for the Northern Province, in July 1579. Appropriately enough the arm and hand clasp a draftsman's impass partly open.

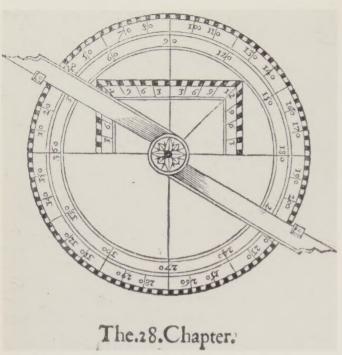


John Dee (1527-1608), astrologer, geographer, scientist and secret agent to Elizabeth, was one of the key intermediaries by which the techniques of the European renaissance in cartography were brought back to England. After leaving Cambridge he travelled to cities such as Louvain, Brussels and Paris, meeting Gemma Frisius and his pupil Mercator, and learning at first hand about mathematical developments in surveying and cartography. Dee was a member of the court circle in which Burghley and Seckford moved but despite his undoubted influence there is no record that he met Saxton until long after the *Atlas* was published. (By courtesy of the British Museum.)

'theodolitus' used in its execution.

There is no reason to suppose that Seckford would have neglected to equip Saxton with the best available instruments nor that the latter – charged with a project of national importance – would not have been abreast of the latest surveying practice. Even so Saxton's field methods are disputed. We know that he covered the countryside systematically and with remarkable speed (the





New and improved surveying instruments were essential to the methods of regional surveying practised by Saxton. The diagram, taken from Leonard Digges, *A Geometrical Treatise Named Panometria* (London, 1571), was constructed as a circle of radius 1 foot or more, engraved on a metal plate, graduated into 360 parts or degrees, and provided with an index and sights. We do not know if Saxton worked with a 'geometrical instrument' of this precise design, but something similar, capable of taking angular measurements quickly, would have enabled him to practice a simple form of triangulation. (By courtesy of Bodleian Library.)

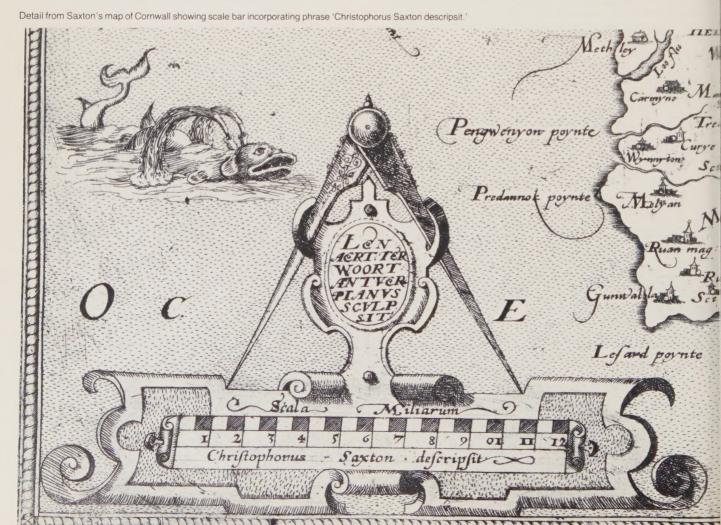
whole survey was completed in roughly six years from about 1573 to 1578). He ascended church towers and convenient hills to fix distance and direction in his maps. In Wales, in a letter from the Privy Council of 10th July 1576 addressed to 'justices and other royal municipal officers', it was laid down that they should 'see him conducted vnto any towre Castle highe place or hill to view

that countrey, and that he may be acompanied wⁱ ij or iij honest men such as do best know the cuntrey for the better accomplishment of that service, and that at is dep^{ar}ture from any towne or place... the said towne do set forth a horseman that can speke both welshe and englishe to safe conduct him to the next market Towne, etc.⁹

Apart from this explicit clue to his methods one theory is that his county maps were constructed from traverse lines, measured by pacing in the lowlands and river valleys (but seldom travelling up the valleys further than to find a good vantage point), and from information from local guides or even contained in pre-existing maps. William Ravenhill, however, on balance more convincingly, argues that the surveys were founded on a framework of simple triangulation. ¹⁰ This was a quicker and more reliable method (compatible with Saxton's rapid progression through England and Wales and with the accuracy he attained) and the omission of roads from the maps would seem to eliminate road traversing as a principal mode of survey. These are complex technical matters and their solution may lie in a careful examination and measurement of the actual maps. ¹¹

The phrase Christophorus Saxton descripsit – near the foot of each sheet – states that he was also draftsman for the maps. This was perhaps the most challenging test of his cartographic skills. For each county diverse field observations – whether from plane table sketches or other notes – together with data from secondary authorities – such as those relating to the administrative status of villages and towns – had to be rendered in standard form. Each map was compiled on its rectangular frame – the size of a single copper plate designed to be printed on a royal sheet of paper about 20 x 25 inches in size. On ten sheets more than one county was laid down; only Yorkshire was drawn to be engraved on two plates and printed and bound as a folded map.

These physical constraints determined the specification of the county maps with regard to scale, orientation, generalisation and selection of detail. That an atlas was envisaged from the outset is suggested by the standard format, but this required varying scales for different counties. These range from roughly two to four inches to one Saxton mile – that is to say the old English long mile (with a mean value of about 1.3 statute miles) which had been



arly maps often embody subjective erceptions of landscape as well as the results scientific survey. Saxton's maps are no exception and this detail from his map of onmouthshire, 1577, shows the purely local stail of a hunting scene on Skiriduare Hill ear Abergavenny. Saxton probably emphasised ose hills which had particular local esociations, were used for boundary marks or eacons, contained river sources, or were pointed out to him by his guides and actually scended in the course of his survey.



imployed in the mapping. 12 Cartographic convenience, too, could lictate the orientation of individual maps. They all carry the tardinal points in Latin in their borders. North is at the top and while generally this orientation was towards magnetic north (in the 1570s lying roughly eleven degrees east of true north) in a few tasses such as the map of Warwick-Leicester, the map was rotated inti-clockwise to make for an easier fit within its rectangular rame.

The topography which Saxton could present with clarity was also limited by these conventions for scale and format. Among elements of natural landscape three types of features are emphasised. First, hills and uplands are distinguished by 'moleculls' or 'sugar-loaves' of differing size and shaded to the east. They are often depicted out of true proportion and one explanation is that Saxton drew prominently those hills which he actually climbed during his survey. Other hills were selected because they carried windmills or beacons (sometimes shown by pictorial symbols), were sites of historical interest or boundary marks, or in other cases contained river sources. Secondly, the principal rivers are portrayed. Again their width is exaggerated and their sinuosity is conventional rather than real. Thirdly, stands of tree symbols, also shaded to the east side, locate the still extensive tracts of wood and forest in Tudor England and Wales.

With regard to human geography Saxton exercised most care in epresenting settlement. Depending on the engraver the symbols ary in design, but a six-fold classification of inhabited places is naintained across the country. Cities are shown by clusters of

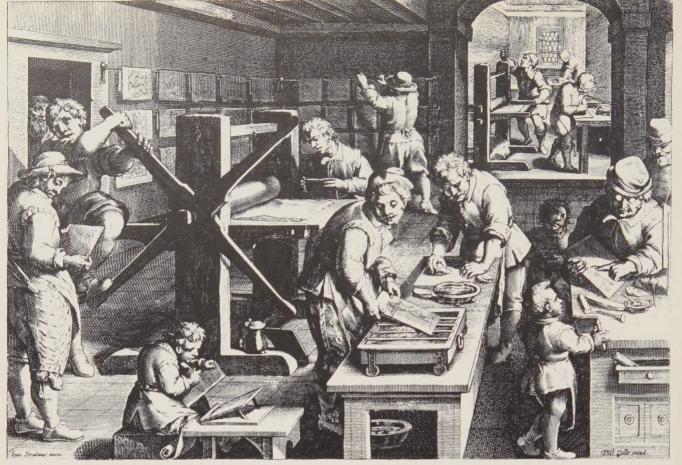
churches and houses of varying size; market towns by smaller groups of buildings and lettering in Roman capitals; parish churches (or the villages containing them) are depicted by churches; chapelries or hamlets by gabled houses; castles (emphasised, especially in Wales) and manor houses have their own symbols. A small circle with a central dot is attached to many symbols and marks the settlement centre or market place from which distances were measured. Only two other features are systematically shown: parks – a clump of trees encircled by a ring fence – and bridges, doubtless a strategic necessity, at main crossing points. In five counties only – Cornwall, Essex, Hertford, Suffolk, and Norfolk – hundred boundaries are distinguished, but Saxton, so innovative in many respects, did not import the European convention of inserting a key to conventional signs within his maps.

Engraving the maps

Unlike the great scholar craftsmen of the Renaissance, notably Mercator and Hondius, Saxton did not engrave his own maps. Yet it is from the engraving that much of their distinctive beauty is derived, and tribute is owing to the skill of other hands in the execution of the atlas. Saxton may have helped to supervise the workshop and check proofs, but Seckford recruited and paid for engravers to work on the maps. In itself this was a significant step forward in English cartography. Only in the 1550s had engraving in copper been introduced by refugees from the Netherlands and, after Humphrey Cole's map of Palestine (1572), Saxton's rank

saxton's map of Suffolk, 1575, by Lenaert ferwoot, was one of seven engraved in that ear. The area around Ipswich illustrates the ymbols employed to depict the hierarchy of ettlements distinguished by Saxton throughout he country. The style of these symbols is imilar to that in Netherland's regional maps of he period, but they reflect the reality of English aral geography in Elizabeth's reign.





Saxton's maps rank among the finest and very earliest examples of the art of engraving maps on copper in England. So new was the craft in London at this date, and started by Flemish refugees, that it has been conjectured that the plates were sent abroad for printing. There is no evidence of this, but at least the workshop in which the maps were pulled is likely to have been similar to that in the Netherlands here illustrated and engraved by Joannes Stradanus, c. 1580. (By courtesy of Bodleian Library.)

A decorative feature from Saxton's map of Anglesey and Carnarvon, 1578. Although the engraver has not signed his work in this county it bears the hallmark of the Flemish style at its most ornate and exhuberant. It shows Neptune with his trident kissing a mermaid.



among the very earliest English maps printed by this process.

Of seven engravers who signed county maps four were Flemings working in England. Remigius Hogenberg signed nine maps, Lenaert Terwoort (Antuerpianus) five maps, and Cornelis de Hooghe and Joannes Rutlinger one map each. Of the thirteen unsigned maps five, to judge by their style, were likewise the work of Flemings. But Saxton's atlas was also a nursery for English map engraving on copper. Initially under Fleming tutelage Augustine Rhyther (Anglus), a native of Leeds, engraved four maps in the atlas, Francis Scatter two, and Nicholas Reynolds (Londinensis one. Stylistic differences are visible, but so effectively did the craftsmen work together that a 'Flemish-English school' is referred to. Lynam asserts that the English pupils became as good as their masters and even superior 'in neatness and in concentration upon graphic representation of the map rather than ornament.'

Lavish decoration first captures the eye on many maps. In a style dominantly Flemish, heavy, florid cartouches, are made to represent carved wood and are decorated with classical, grotesque and naturalistic figures which epitomise Renaissance ornament in the idiom of the goldsmiths and engravers of Antwerp. Some of the plates are especially striking. The frontispiece shows Queen Elizabeth upon her throne in coronation robes of scarlet and ermine and according to one historian it is 'a good portrait, aquiline nose, tight-lipped, red-wigged.'13 The map of England and Wales engraved by Rhyther, is acknowledged as a 'masterpiece'. both artistically and cartographically. The title, Anglia, is framed in a magnificent baroque cartouche decorated with loops and lobsters and fruits of the sea. Many county maps display similar exhuberance and mirror a love of colour and pageant at Elizabeth's court. Ships sailing or engaged in combat, tiny fishing vessels, grotesque sea monsters, Neptune embracing a mermaid off Anglesey, cherubs and nymphs, wild birds, fishes, fruits, flowers, coats of arms, ornate compass roses and scale dividers, all enliven the engravers' repertoire. Decorative borders imitate wooden frames. The larger lettering, too, displays curving capitals and flourishes, while smaller names are cut in the new italic hand; like copper-plate engraving this was an innovation in England.

Plain copies are relatively rare, and to supplement and distinguish the engraved symbols most maps were hand coloured. Colour is usually consistently applied through a set of maps bound in one contemporary copy of an atlas, but its impact can vary; sometimes it obscures the engravers' finest work. Such map colouring, or the 'washing of maps' as it was known, followed



The Frontispiece to Saxton's Atlas was a portrait of Queen Elizabeth, enthroned under a canopy as the patron of Geography and Astronomy, which are represented by bearded male figures on either side, one bearing compasses and a globe, the other an armillary sphere. The cartouche in the bottom, with a Latin verse of six lines in praise of the peace of Elizabeth's reign, dates the Atlas to 1579, and is flanked on the right by an astronomer taking observations, and on the left by a cartographer using a graver in his left hand. Of two known states of the portrait, this is the earliest and extremely rare state. It shows the Queen's dress with the drapery lying in a hard horizontal line across her lap, and with elaborate iewelled ornamentation; it has been suggested that Elizabeth was dissatisfied with this version and in the second state the dress is reengraved in simpler style with the drapery falling in natural folds from her knees. The engraving is probably attributable to Remigius Hogenberg

standard conventions by Saxton's day. Its message was both artistic and functional. Rivers, lakes and water are washed in blue, woods are green, hills stand out in brown and green, the settlements in red, and county boundaries are outlined in contrasting colours. Richard Hakluyt wrote to his fellow-Elizabethans 'Take with you the mappe of England set out in faire colours', and decked out in the attractive manner of Flemish cartography. The golden age of English

decorative cartography had been well and truly initiated by Saxton.

The influence of Saxton's atlas

Saxton's legacy to English cartography is indisputable. The impact of his atlas upon the making and use of maps in England can hardly be exaggerated. Directly, it may be noted that Saxton's copper-plates, although extensively modified at the hands of

successive owners, were still printed from by London map-sellers after two centuries of use. Bibliogrpahers and collectors can deligfht in a printing history for the atlas which spans no less than eight definite editions.14 Following issues of the atlas when Saxton held the monopoly of the plates from 1579 to about 1600, there was William Web's edition of 1645, the two editions of 1689 and 1694 by Philip Lea (who did most to transform Saxton's plates by integrating Speed's town plans and Ogilby's roads), and yet another Lea edtion of circa 1693 but aimed at the French market. 15 In the eighteenth century there were three further editions by George Willdey (circa 1720), by Thomas Jefferys (circa 1745), and by C. Dicey and Co. (circa 1770). Until the end of the seventeenth century these 'Saxtons' were intended as working topographical tools to rival the , best of their day; towards the end of their life this gave way to a growing taste for purely antiquarian and decorative maps.

The indirect influence of Saxton's atlas, together with its derivative the great wall map of 1586,16 was equally powerful. Right down to the re-mapping of England and Wales in the eighteenth century their genealogy can be traced as it descended - or was transmitted by various 'collateral lines' - through a long succession

of county atlases and other maps.

Plagarism of Saxton began in earnest around the turn of the century. Even the more inventive cartographers - such as John Norden or the 'anonymous' William Smith – sought in their abortive mapping projects to improve but not to supersede Saxton's survey. Others, including van den Keere, William Hole, and even John Speed, are remarkable mainly for their slavish, albeit artistic, copies of the same material. Later, at yet another remove from Saxton's original mapping, the Dutch map-makers Jansson and Blaeu based their county maps in turn on those of Speed as did Robert Morden in 1695, although he incorporated new features and had solicited help from 'knowing gentlemen' in correcting place-names. Saxton's

COMITATVVM SINGVLORVMISTO VOLVmine descriptorum index, ordinem quo cuiusque inueniatne carta graphica rette demonstrans. Anglia. Herefordia. 2 Salopia. 3 Staffordia. Wigornia. 4 Oxonium, Buckinghamia, & Berceria. 6 Hartfordia. Northamptonia, Bedfordia, Cantabrigia, Huntingdonia: & Rutlandia, Warwicensis,& Lecestria. 9 Derbir. Cestria. 10 H Lancastria. 12 Westmorlandia, & Cumberlandia. 13 Northumbria. 14 Dunelmensis Episcopatus. Eboracenfis: Comitatus. 15 Lincolnia & Nottinghamia. 16 17 Norfolcia. 18 Suffolcia. 19 Effexia. Cantium, Southfexia, Surria & Middlefexia, 20 21 Southamptonia. Dorceffria. 22 Wiltonia. 23 24 Deuonia. 125 Cornubia. 26. Somei fetenfis. 27 Glocestria. 28 Monumetha, 29 Glamorgana. Penbrok. 30 Radnor, Brecknok, Cardigan, & Caermarden. 31

Saxton's Atlas was accompanied by a type-printed index of its contents. This is known in four settings (one of them in two variants) and the earliest version, 'setting A', 1579, is reproduced. This index provides an important diagnostic criterion as to the date of individual atlases and state A, which is extremely rare, only occur in three or four known copies

Montgomeri, ac Merionidh.

Anglesei, & Caernaruan.

34 Denbigh, ac Flnt.

authority finally began to recede as the counties were re-surveyed on a piecemeal basis. Even so, in the 1740s, in county maps by Emanuel Bowen and others engraved for The Large English Atlas. Saxton's topography was still not entirely extinguished.1 Seckford's investment had indeed yielded a rich dividend to those who came after Saxton.

The history of cartography is concerned with the use of maps as much as with their making. It is difficult today to imagine a societyas in the Middle Ages - which lacked printed maps and accordingly, the dramatic contribution of Saxton's survey to the management of the Elizabethan state is easily overlooked. Yet maps quickly came to serve important practical purposes in administration and defence. The best known example of Saxton's maps in action is provided by Queen Elizabeth's Treasurer Lord Burghley. In the so-called Burghley-Saxton atlas, proof sheets of Saxton's survey are preserved, passed to Burghley as soon as they became usable, and carefully annotated with lists of Justices of the Peace - the local agents of effective central government – and with military notes: where coasts were threatened by the Armada. 18

But Burghley was no exception in turning to Saxton's maps to add fresh geographical reality to his decisions. Judging by the relatively large number of extant copies of the early printings of the atlas – estimated at 'not fewer than 60, perhaps nearly 100' – 19 it was much in demand, alike by scholars and statesmen, and from the days of first publication. In 1584 William Camden was already complimenting 'the worthy gentleman Thomas Seckford' on the fact that 'England had been most accurately and laudably described... by the labours of that worthy chorographer Christopher Saxton.'20 A few years later, another of Saxton's contemporaries, the Pembrokeshire historian George Owen, was to enfirm the maps as 'usual with all noblemen and gentlemen and daily perused by them for their better instruction of the estate of this realm touching the quantity, situation, forms and special places of

Saxton's maps were thus part of the humanist awakening which: marked the Renaissance in English life. Along with Solanio in The Merchant of Venice Elizabethans had acquired the habit of 'Peering's in maps for ports, and piers, and roads'. And they found intellectual! stimulation not only in overseas exploration but also in the 'discovery of their own country.'22 Map-makers – given the lead by Saxton – joined with chroniclers and topographers in recording

In conclusion, it is clear that Saxton's atlas was greatly esteemed

and interpreting the nation's history and geography

by his contemporaries and by succeeding generations. In 1743, we find the canonisation of Saxton still in progress as antiquarian Martin Folkes was describing the maps to the Fellows of the Royal Society.²³ And from at least this same century onwards Saxton atlases appear regularly in the auction rooms and are sought after by collectors. John Worrall, in his Bibliotheca Topographica Anglicana (1736), recorded the price known to him as 15/-. ²⁴ In the nineteenth century another contemporary bibliographer could still note purchases of under £10 for early editions of the atlas, 25 although by

1901 this figure had risen to £90 in a copy sold at Christies. ²⁶ The current inflation in Saxton values is well known. In 1979 an atlas could well command a 'six figure' sale, but this does no less than justice to its unique place in the history of cartography. In a cultural as such as in a cartographic sense Saxton's was a significant stride

forward into the modern age.

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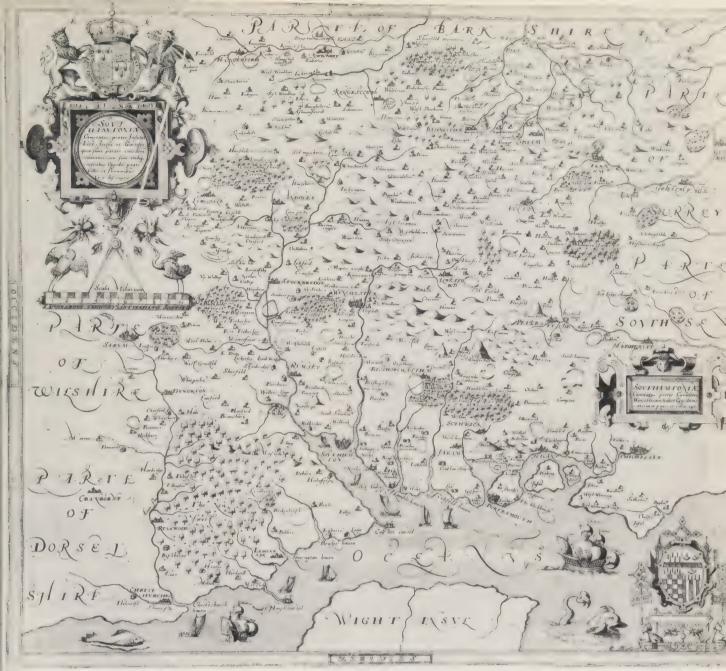
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34

33



The early printing history of Saxton's map of Hampshire is especially complex. No less than four states are known before the alterations made for William Web in 1642, and the early proof state, circa 1574-75, reproduced here pre-dates even the working proof sent to Lord Burghley for approval. Among the details it lacks, and which were added before the publication of the Atlas in 1579, are Oriens (east) and Septentrio (north) in the blank panels within the border, decorative cornice work around the border, Seckford's motto, and clumps of trees in many of its parks. By courtesy of the Bodleian Library

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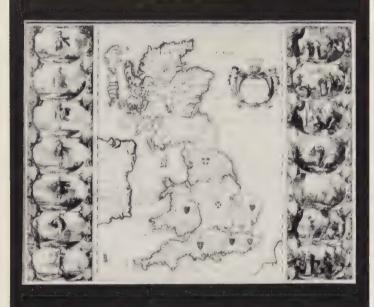
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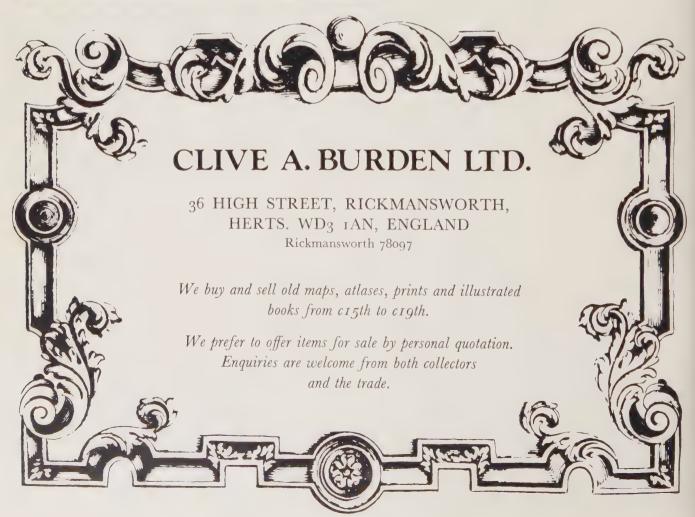
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Ice bear and seal. Illustration from a booklet for children entitled Från Sverige till Japan. Adolf Erik Nordenskiold's Ishafsfarder. Helsinki, n.d. (circa 1885).

Seals from the Bering Sea. Xylography from Vegas resa... in which Nordenskiold described his voyage in the Vega including the animals they saw. The Intrepid Explorer

by Tove Olsoni-Nilsson

Al Norvenskidlef.

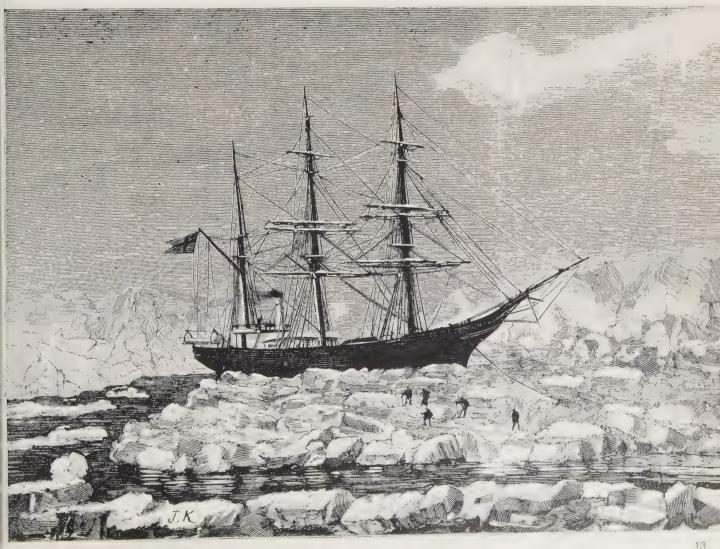
The most valuable geographic and cartographic collection in the Helsinki University Library is that of Adolf Erik Nordenskiöld. The library acquired it one year after his death in 1901. Here, Tove Nilsson describes the life and career of this great man whose influence is still being felt today.

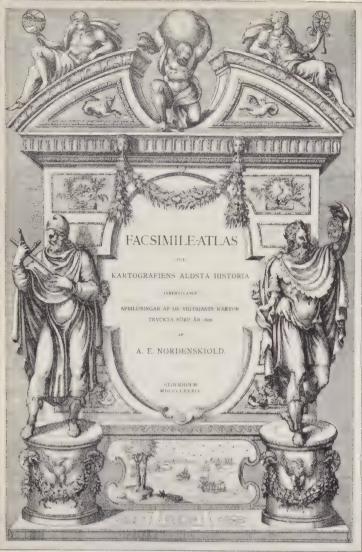
A CENTURY AGO - in July 1879 - Adolf Erik Nordenskiöld in his ship the Vega passed the Strait of Bering and thereby completed the first navigation of the Northeast Passage, an achievement which brought him world fame and admiration.

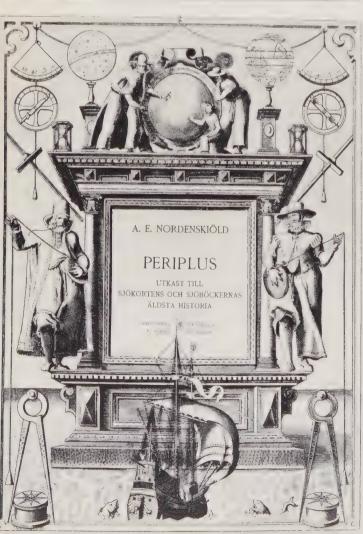
Nordenskiöld was a man of many talents and a far searching explorer; a 'polyhistor' in the true sense of the word. His absorbing

A steel engraving of Nordenskiöld with his signature.

Nordenskiold's famous boat the Vega amidst the ice of the Arctic.







interest in cartography and his astounding knowledge acquired in this field have been of the utmost service to research on historical cartography. Intimately linked to his name are the Kara Sea, the Laptev Sea, the little Chukchi village of Pitlekaj as well as the titles of his two publications, *The Facsimile Atlas* and *The Periplus*.

He was born in Helsingfors (Helsinki) in 1832 and was brought up on the family estate of Frugard. His father was an important mineralogist who possessed a valuable library and considerables mineral collections. Undoubtedly, this environment had a great influence on young Nordenskiöld's development and mineralogy in fact became his first academic branch of study. After taking his master's degree in this subject he accompanied his father on an exploratory expedition to the Urals in 1853 where they collected an abundance of mineral materials. A couple of years later Nordenskiöld was appointed lecturer of mineralogy at the Imperial Alexander-University of Helsingfors but political complications were to change his career. As a liberal and outspoken man he came into disfavour with the Governor General, Count von Bergh, and had to leave his native Finland.

Nordenskiöld then moved to Sweden where he soon gained as professorship at the Academy of Science in Stockholm and wask also appointed intendant of the mineralogical department of the Museum of the State. It was at this period that fate mapped out his future life as an Arctic explorer – he was invited by the geologist,

Title pages from Nordenskiöld's two well known publications, *Periplus* and *Facsimile-Atlas*.



O.M. Torell, to accompany him on an expedition to Spitsbergen in 1858. He also accompanied Torell on a second expedition in 1861. In all, Nordenskiöld visited the 'icy world' of Spitsbergen, Greenland, and the northern coast of Siberia ten times and he was the first person to sail along the Northeast Pasage (1878-1879), a voyage which made him world famous. In 1883, he revisited the east coast of Greenland penetrating the great ice barrier - an achievement which had been attempted in vain by explorers for more than two centuries before him.

These navigational feats were only part of the story, however. The more Nordenskiöld studied and recorded the life of whales. walrus, storm birds and plants and their ancient history through fossils in this endless world of ice and snow, the more intensively he felt intimacy with explorers and map-makers of earlier generations. Their maps and charts became for Nordenskiöld not only an instrument in his own exploits but themselves an object of study. In fact his research into historical cartography became almost as important as his own navigational achievements.

Soon after the Vega expedition he published the popular account of the voyage in two volumes 1880-1881. Vegas färd kring Asien och Europa jemte en historisk aterblick på föregående resor längs gamla verldens nordkust. This fascinating record, containing an amazing amount of natural science and cartographic history was translated into ten languages. Nordenskiöld was now a world famous man and had at his disposal ample means of persuing his collection of books and maps. Many of the well-known European antiquarian dealers became his purveyors: Muller in Amsterdam. Quaritch and Maggs in London, Rosenthal in Munich, Olschki in Florence (later Verona), Bocca in Rome and many others. The result of this arduous work, the magnificent folio Facsimile Atlas to the Early History of Cartography, was published in 1889 in Swedish and English. A great number of the maps reproduced there are taken from various Ptolemeus editions of which Nordenskiöld himself had no less than fifty-one.

In 1897 Periplus. An essay on the early history of charts and sailing directions appeared. It was published in Swedish and English at the same time. As well Facsimile Atlas, like Periplus, are

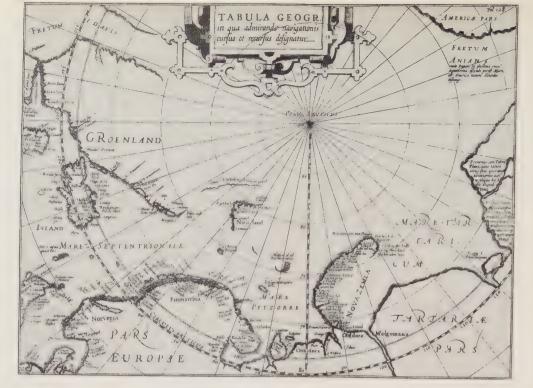
brilliant examples of printing and learning.

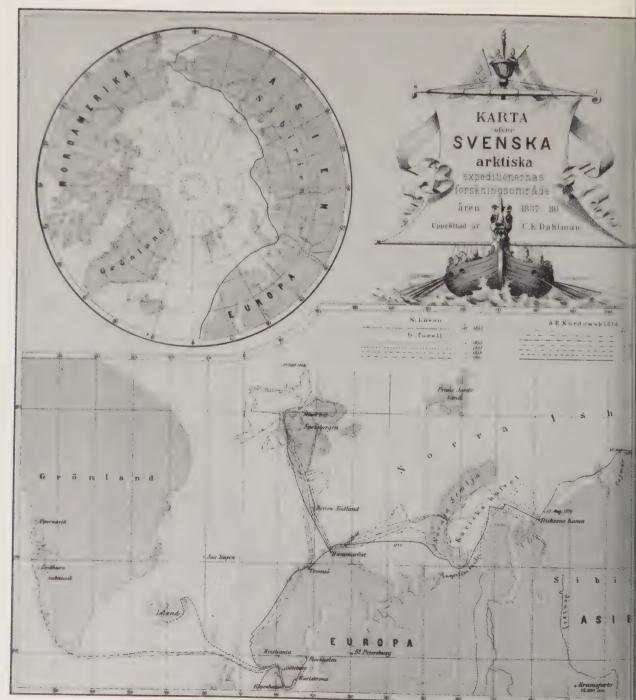
The fullness of Nordenskiöld's life is illustrated by his many achievements. He was for some years a member of the Swedish parliament; his literary production ran to 178 titles; he went on polar expeditions ten times overwintering in the Arctic twice; he coped with his professorship and obligations as an intendant; he was erected a member of fifty-four scientific societies and in spite

Some of Nordenskiold's men keeping at bay a polar bear while they hoist the Swedish flag at Dickson's Bay on the Yenisei River. This was during the exploration of the Arctic in 1876.

SWEDISH ARCTIC THEEXPEDITION



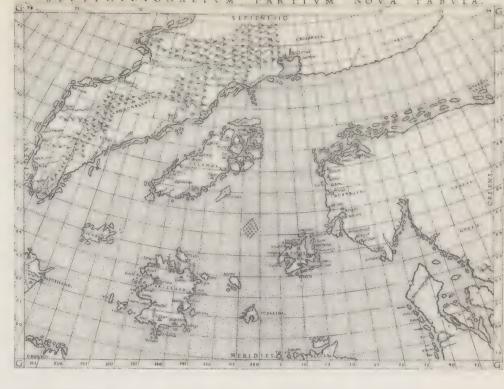


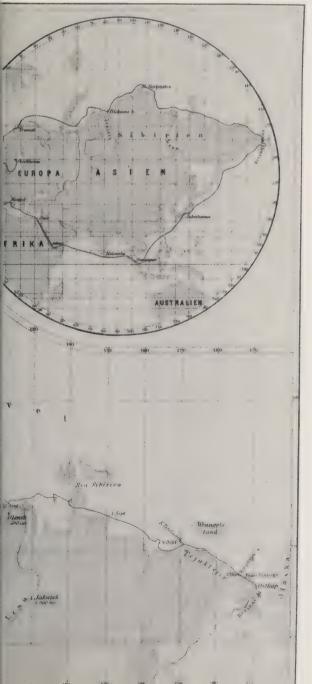


Barents' third voyage. (From Pontani Rerum et urbis Amstelodamensium historia, Amsterdam 1611). Reproduced in *The Voyage of the Vega* ... 1881.

SEPTENTRIONALIUM PARTUM NOVA TABULA from G. Ruscelli's: 'La Geografia di Claudio Tolomeo Alessandrino', Venetia 1561. Nordenskiöld published this version of the brother ZENO map in 'Studier och forskninger', Stockholm 1883 in which he wrote his most fascinating theory about the Zeno problem.

A map by C.E. Dahlman showing the different Swedish arctic expeditions between 1837 and 1880 chiefly under the leadership of Nordenskiöld. Chromolithography distributed with the publication Nordostpassagen, 1880.





of all this found time for his family and obviously for considerable social intercourse as indicated by the fact that he was decorated by Governments from all over Europe. Even more astonishing is that despite all these things he found time to concentrate on the painstaking work of building and examining his cartographic collection.

Nordenskiöld's library contains 3870 catalogued titles; 123 incunabula and 500 atlases. In addition there are over 400 loose maps. His original intention was to collect, as completely as possible, all cartographic material up to the year 1570 – the year when Ortelius' *Theatrum Orbis Terrarum* appeared. But he changed his mind and added the seventeenth century material to his collection. It is said that of all his treasures he valued most the Lafreri volume which he bought from Olschki in Verona in 1888. He compares his Lafreri, in the *Facsimile Atlas*, map by map with the one in Collegio Romani. Nordenskiöld's volume contains seventy-two maps, eighteen of which are not included in the Collegio Romano volume which is just one of the details revealed in his lavish examination of map making.

The reader of *The Voyage of the Vega*, 1881, will discover how systematically Nordenskiöld used earlier sources, especially many of old Russian origin in order to draw up an outline for accomplishing the Northeast Passage. The flora and fauna, not to mention the observations on mineralogy, ethnography and other fields are described with extraordinary care and detail. In spite of (or perhaps thanks to) this, the book is more exciting than almost any work of fiction. Many stories and personal memories still current in Nordenskiöld's large family show that nothing was more foreign to his nature than pomposity and personal vanity.

His collection was bought in 1902, a year after his death, by the University of Helsinki. In addition to the works already mentioned it contains works by many other cartographers including Sebastian Münster, Olaus Magnus, Giacomo Gastaldi, Lucas Janszoon Waghenaer, Willem Blaeu and Gerard Mercator.

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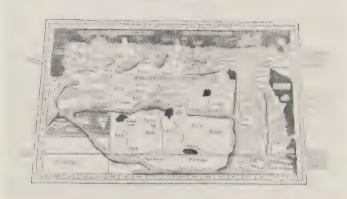
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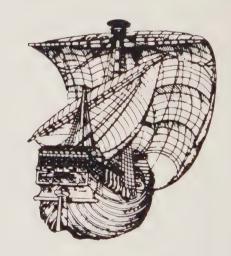
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The Strand on Maps

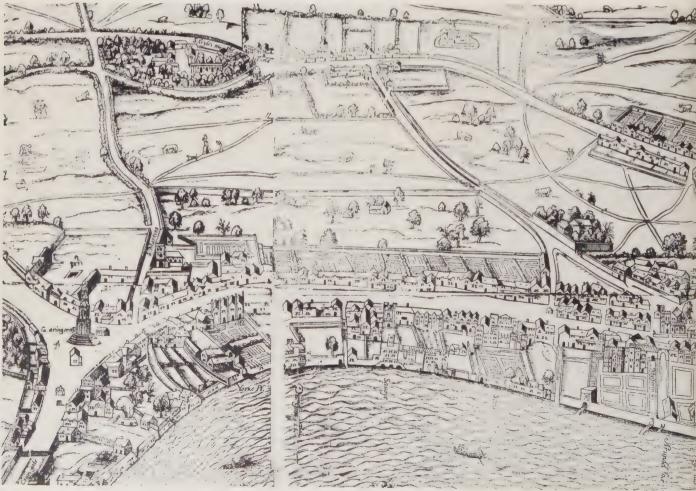
by David R. Lyon

The Strand, London's famous highway leading down from Trafalgar Square to the City, was a narrow unmade road through green fields 500 years ago. Its development into a major highway is traced through maps by David Lyon who used to walk this historic route every day.



Extract from a map of London during the reign of Richard II showing the Strand during its ecclesiastical period with the Inns of the Bishops.

Ralph Agas' map published *circa* 1560 gives a very clear outline of the early development of the Strand. The great houses on the banks of the Thames having their stables and gardens on the other side of the Strand giving on to pastureland.



THE DEVELOPMENT OF the Strand in London, believed to be one of the earliest of all paths to the City of London, as reflected on maps through the ages reveals three distinct periods ecclesiastical, residential and commercial.

Little of the famous highway's very early origins are known although we do know it was described in 1246 in a grant of land by Henry III to Peter of Savoy as 'extra muros civitatis nostrae Londiniae in vico qui vocatur La Straunde.'1 (without the wall of our City of London in the district which is called La Straunde).

Ecclesiastical Period

The London Topographical Society's Publication No. 93 reproduces a plan of London during the reign of Richard II (drawn up circa 1380) which shows the early eclesiastical period of the Strand. There are, at this period, no buildings on the north side but several on the south side. These are The Bishop of Carlisle's Inn, The Manor of the Savoy, The Bishop of Worcester's Inn, The Bishop of Coventry's Inn, a stone cross, The Bishop of Llandaff's Inn, The Bishop of Bath's Inn and the Bishop of Exeter's Inn. It is obvious that no bishops went thirsty at this period!

During the medieval period, the river formed London's highway and the mansions bordering the Strand fronted the river, the main access to them being by means of river stairs. Like most ancient streets, the Strand was well provided with inns on both sides and it is interesting to note how the inn yards gradually developed into courts and alleys, eventually becoming public throughfares. Many of the small courts shown on eighteenth century maps on the north

side of the Strand were formed in this way.2

Before these ecclesiastical dwellings were built the Strand was the site of one, or perhaps two, great houses. The one we can be certain of is the Palace of Peter of Savoy, an uncle of Henry III. Peter of Savoy was therefore one of the earliest recorded residents of the Strand and his name lingers on in the area in which he lived in the names of the Savoy Hotel, the Savoy Chapel and the Savoy Theatre.

With Peter of Savoy came the ecclesiastics. The inns or houses were built for the bishops from the provinces when visiting London. It is interesting to note that these fine properties were built outside the confines of the city, at a time when this was rarely done for reasons of safety. However, people believed the properties of bishops to be sacred and therefore left them alone. Peter of Savoy, being a relative of the king and a man well able to fortify his home, had little cause to worry about security while he resided at the Palace of Savoy in the Strand.

Anthony van de Wyngaerde's beautiful view of the Strand, as it looked in 1543, gives a good idea of how the great houses looked in the reign of Henry VIII. At this time, the countryside still stretched away from the north side of the Strand unbroken as far as Highgate and Hampstead. The famous Strand maypole is also to be seen and the Eleanor Cros at Charing Cross marking the last stage in the journey of Queen Eleanor's funeral procession from Lincolnshire to Westminster Abbey

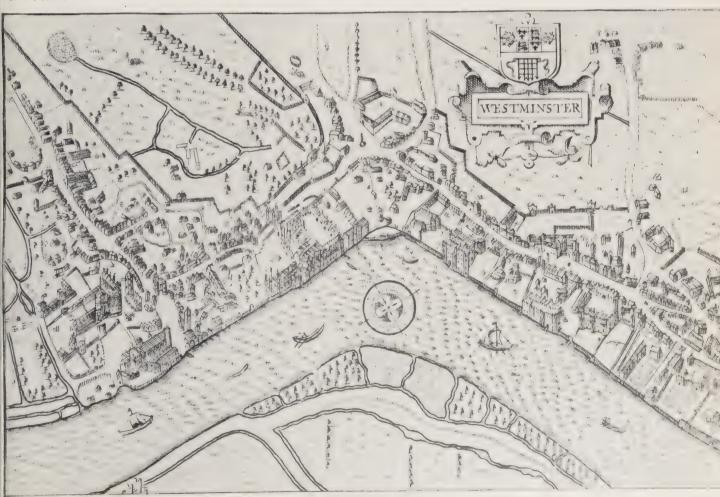
Van de Wyngaerde's plan gives us a clear idea of the great Thames-side dwellings in the Strand but Ralph Agas' map of circa 1560 shows a bird's-eye view of the whole, including the beginnings of building development on the north side with the construction of stables and servants' quarters attached to the great houses. Beyond these are vegetable gardens and then meadows where cattle can be seen grazing.

Residential Period

Gradually the inns of the Bishops were taken over by noble families who transformed them into great residences. John Norden's map of Westminster published in 1593 in Speculum Britanniae shows Yorke House, Durham House, Russell House, the Savoy, Somerset House, Arundel House and, on the opposite side of the Strand in Covent Garden, Burleigh House. Nothing remains of any of these great buildings except their names in streets or subsequent buildings on these sites. Norden calls the road 'The Stronde.'

Braun and Hogenburg's view of London in 1572, published in

John Norden's map of Westminster published in 1593. Comparing this with Agas' view of thirty years earlier, we can see the gradual extension of building along and away





One of the Strand's most colourful buildings, Exeter 'Change, famous for its menagerie. It was demolished in 1830 as part of a road widening scheme





The complex and ever changing face of the Strand in the seventeenth and eighteenth centuries is clearly demonstrated by these two maps, (bottom left) an extract from Ogilby and Morgan's map of 1681-2 and (right) Rocque's map of 1746

Civitates Orbis Terrarum, shows the Strand but does not name it. Wenceslaus Hollar's plan showing the Strand in detail around 1658 shows Salisbury House, Exeter House, Worcester House, The Savoy and Somerset House, the latter with the famous Strand 'Meypoole' almost opposite. (The maypole is shown on Anthony van de Wyngaerde's plan of 1543 but not on that of Agas, circa 1560.)

The rich came and went and with their movements the names of many of the great houses changed.

Commercial Period

Gradually, as the years went by, the elegant mansions of the rich and noble families like the Howards, Seymours, Somersets, Russells, Cecils and Villiers, gave way to more commercial activities which was the next period in the development of the Strand. The change can already be detected in John Ogilby and William Morgan's map of *circa* 1676 and is best demonstrated by the two great emporium developments – the New Exchange and Exeter 'Change.

The New Exchange, modelled on the older Royal Exchange in the City, was completed in November 1608 and opened the following April though not without protest. Many London traders petitioned

Lord Salisbury on June 30, 1608, protesting against the New Exchange which 'they considered was meant to be employed as a Pawne or Exchange for the Sale of things usually uttered in the Royal Exchange, and which, being situated near to Whitehall and in the highway, would be injurious not only to the shopkeepers and to the citizens at large, but lead to the destruction of trade.' The Exchange was, however, opened in April 1609, by King James I who suggested it be called 'Britain's Burse.' But this name did not find favour with the public and it was generally referred to as the 'New Exchange.'

Pepys, on December 12, 1666, in his famous diary said, 'Here I saw shops now come to be in this Exchange, and met little Batelier, who sits here but at £3 per annum, whereas he sat in the other [the Royal Exchange] at £100!'

It was one of the great centres of seventeenth century commerce in London and survived until 1737 when eleven houses were built on the site

Burleigh House, which stood on the north side of the Strand opposite the Savoy had been built in the 1500s and later became known as Exeter House. In 1676 the house and grounds were sold to be demolished and Burleigh Steet, Exeter Street, Exeter Court and Exeter 'Change were built on the site. As Exeter House had done



'This enormous animal, the largest of the quadruped species, which for many years past has been the pride and boast of the well known menagerie at Exeter Change, was on Wednesday, March 1st, destroyed by order of the proprietor (Mr. Cross), in consequence of its having exhibited strong symptons of madness.

The work of death was accomplished by repeated discharges of musketry, the noise of which, together with the agonised groans of the poor beast, being distinctly heard in the Strand, caused such immense crowds to assemble, that it was found necessary to close the avenues leading to the shops at the lower part of the building, and also those leading to the apartments in which the beasts are kept.

Two parties of the Bow-Street patrol, under the control of Herring and Cousens, were also stationed, the one without and the other within the building, to prevent the effect of any rush which might be made by the assembled crowd, many of whom displayed the utmost eagerness to obtain sight of what was going on within, and for which several declared their willingness to pay one, or, in some instances, even two guineas each. It was not, however, thought prudent to admit any person till after the animal was so completely exhausted, as to preclude all reasonable apprehension of danger.' (from *The Portfolio, a contemporary journal, vol. VI March 11, 1826*). (By courtesy of the Westminster City Libraries.)



The impressive Savoy Palace which stood on the site of what is now the Savoy Hotel.

previously, the frontage of Exeter 'Change jutted out on the throughfare. This colourful bazaar was full of shops but it became famous for its menagerie run by a Mr Pidcock, who stationed men in the sham livery of Yeoman of the Guard to invite spectators to the den of lions, tigers, elephants and so on.

This building survived until 1829 when it was taken down to widen the Strand. John Nash, the famous architect,³ proposed a similar centre further back but it was never built.

John Rocque's map of 1746 shows the network of narrow streets which spread over the land previously occupied by mansions and their magnificent gardens. The march of commercial progress into the Strand continued from this date and is exemplified in John Tallis' strip views of 1838-40 which show the frontages of the Strand and name the businesses which operated behind them.

Apparently the state of the Strand until the reign of George III was terrible and was described at the time as 'profunda et lutosa' (deep and muddy) and frequent schemes were put forward for improving its' condition.

Many famous people have lived there including Geoffrey

Chaucer, John Evelyn, Charles Lamb, Samuel Pepys, Dr Samuel Johnson and Samuel Taylor Coleridge. Lamb once wrote, 'I shed tears in the motley Strand for fulness of joy at so much life' and Pepys records that on February 18, 1659, 'two soldiers were hanged in the Strand for their late mutiny at Somerset House.' Napoleon Bonaparte is said to have resided in the Strand for a few months in 1792 and it was in the Strand, while staying at Durham House, that Sir Walter Raleigh was supposedly dowsed with water by a servant who found him smoking.

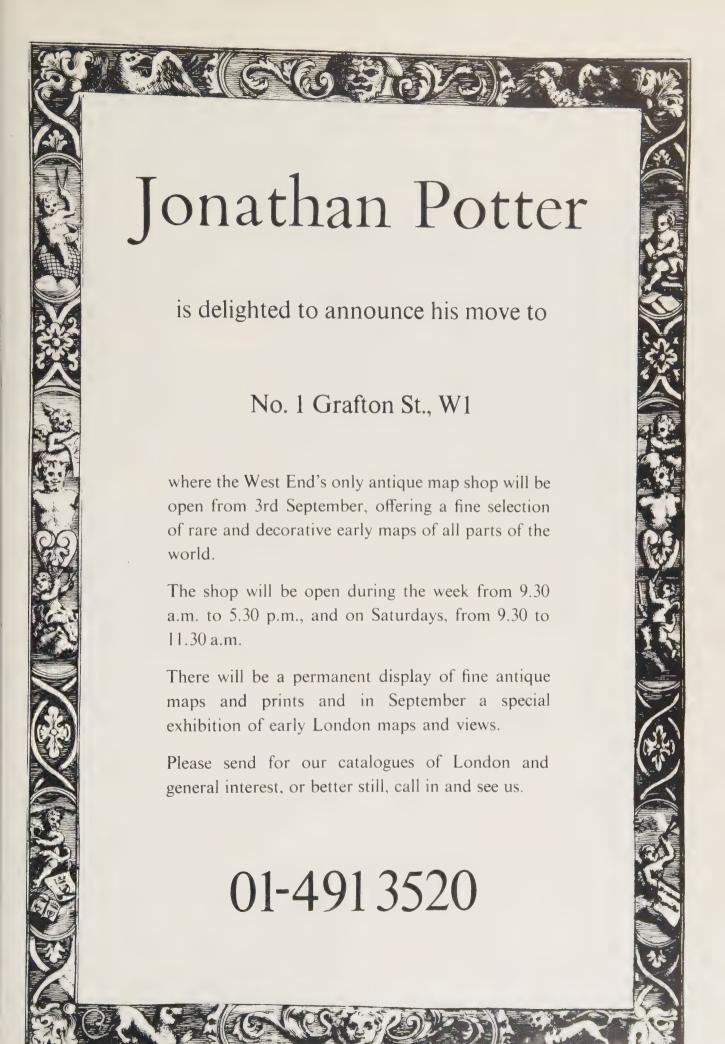
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 - See John Summerson, *Georgian London*. 3rd edition published by Barrie and Jenkins, London, 1978.

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ATLASES, RARE MAPS, ALL PARTS OF THE WORLD

All correspondence answered

A False Start on Christopher Saxton's Wall-map of 1583?

by Tony Campbell

This is the amazing story of a discovery by Tony Campbell, a director of Robert Douwma Maps & Prints in London, and his hypotheses about the origins of his find — a very rare copper plate showing a section of Saxton's wall-map which until recently had been hidden under a seventeenth century painting.

ABOUT TWENTY YEARS ago two copper-plates came to light, each bearing a fragment of the earliest engraved plan of London. No impressions from any of the map's presumed twenty sheets had survived. History, with slight variations, has now repeated itself. Another early copper-plate has recently been discovered, again bearing a section of a wall-map. The brief note that follows interprets the evidence so far available about this new find and concludes from a study of the place-names that it is apparently an abandoned early form of part of Christopher Saxton's wall-map of England and Wales.

Until recently the engraved surface of the plate was covered by an inferior, and damaged, seventeenth century Dutch school painting, which had helped to preserve it relatively undamaged. (By contrast the London plates were painted on the back.) The plate depicts northern England, with sections of the Isle of Man and North Wales, in a band between Carlisle and Newcastle on the one hand and Conway and Sheffield on the other. The visual similarities with the relevant sections of Saxton's wall-map of 1583, and their precise match of scale, pointed to the need for a thorough comparison of the two.

Saxton's wall-map, the first of its kind to be produced in England, is generally considered to be the work of the engraver Augustine Ryther, the man who had earlier put his name to five of the sheets in Saxton's atlas of 1579. As can be made out from the two surviving copies of the map in its original form (in the British Library and Birmingham Public Library respectively) the wallmap was composed of twenty sheets, arranged in five rows of four and each measuring 275 x 452mm. The Birmingham copy has in addition a separately printed heraldic border. The most noticeable difference between those sheets and the newly discovered copperplate is the latter's much greater size, 398 x 527mm. This implies a map of twelve sheets, distributed in four rows of three, with the copper-plate representing the middle sheet of the second row. If it duplicated the overall dimensions of the surviving map the small space left above the copper-plate and the large area involved to its right might have been made up with half sheets and extra strips. The disparity in their sheet divisions has led to the copper-plate concerning itself with parts of no fewer than six of the 1583 sheets (no. 2, 3, 6, 7, 10 and 11).

Five years ago a facsimile was issued of the British Library's copy of Saxton's wall-map.¹ The text prepared by R.A. Skelton with A.D. Baxter and S.T.M. Newman dealt in detail with all the known documents relating to the map. None of these throws any light on the copper-plate, whose existence had not previously been suspected. The authors also discussed the only identified imitations of Saxton's map: one prepared by Wenzel Hollar for Thomas Jenner (the Quartermaster Map); the other published in Amsterdam by Cornelis Danckerts. Both were issued in 1644. Each is quite distinct from the copper-plate: the first maps names found equally on the plate and on the 1583 map; the second uses Thomas Durham's improved outline for the Isle of Man, which had been engraved for Speed in 1605. The copper-plate does not incorporate, either, any of the revisions (roads, for example)

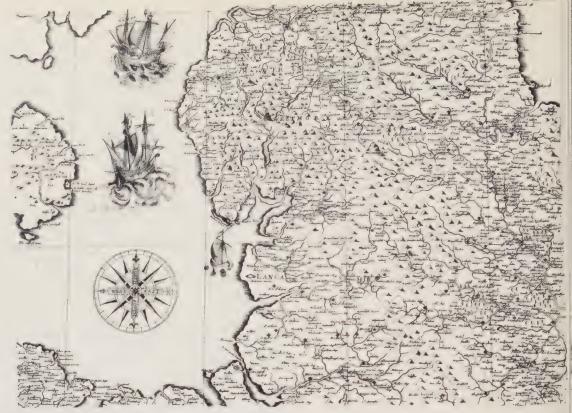


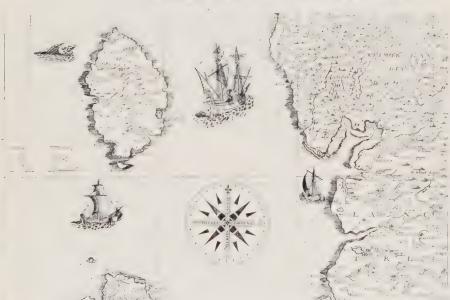
Once discarded, an engraved copper-plate would usually be melted down. Occasionally painted over by an artist and thus preserved, as happened with this variant sheet for part wall-map of England and Wales

made to the map of 1583, probably after 1678. So what is the copper-plate? Is it part of a contemporary imitation of the wall-map, a later copy, or an abortive first attempt? The best way we can test these various hypotheses is by taking a close look at the place-names.

The most startling characteristic of the copper-plate is its use of English rather than Latin for the cardinal points and the large county lettering - Cumberland, Westmoreland and Lancashire. In this the plate differs both from the 1583 map and its two derivatives. The city of Durham is also singled out in the form that Speed would use: Durham instead of the medieval spelling Duresme. Ignoring for the moment the absent headings for Durham and Yorkshire, the names missing along the outer edges, and the labelling of lesser rivers and lakes that seems to have been intentionally left off, the plate omits twenty-one of the names found on the 1583 map. This is not in itself significant. It indicates careless copying, presumably, but does not pinpoint the particular model used. The thirty-nine clearly corrupt forms found on the plate, though, are a different matter. Where the map of 1583 and the relevant county sheets coincide in almost every case, the copper-plate's engraver commits several obvious errors. There is

space to cite just a	tew:	
Copper-plate	Wall-map of 1583	Modern form
Aalwaterterne	Malwaterterne	Malham Tarn
Alher	Alker	Altcar
Anlghton	Aughton	Aughton
Beake	Peake	Peak
Charleton	Carleton	Carleton
Coron	Corno	Corney
Eanley	Emley	Emley
Edgermond	Egremond	Egremont
Marrith	Marrik	Marrick
Newell	Bēwell	Benwell





The immediate similarities between the modern impression taken off the copper-plate (above) and sheet VII of Saxton's wall-map of 1583 (left) are striking. Note, though, the use of English lettering on the copper-plate for the compass rose and county names. The copper-plate and the impression from it, by courtesy of Robert Douwma (Prints and Maps) Ltd. The map of 1583 — original in the Map Library, the British Library.

Penmauer Secham

Pēmē maure Seham

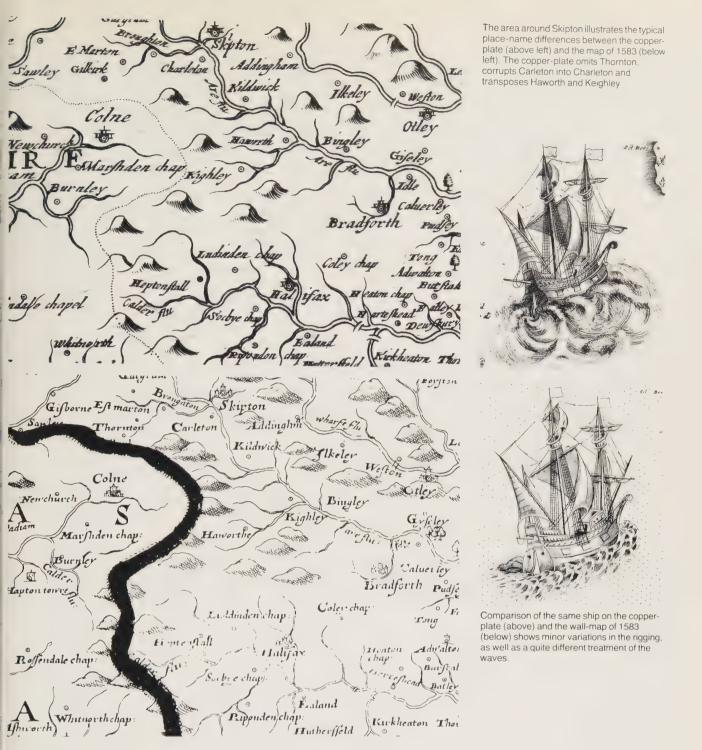
Penmaenmaur Seaham

In many instances it needed only the omission, transposition or addition of a single letter for the name's pronunciation to be altered. Yet it is hard to see how this could have happened if the engraver had been following the only printed map available, the clearly lettered wall-map of 1583. If the plate was copied from a manuscript, though, it is easy to see how M could turn into A, how contraction markings might disappear and how some letters might be interchanged. Even more telling is the way that seven pairs of neighbouring villages have had their names transposed, a mistake easily made when trying to marry up a place-name and the village symbol on a crowded manuscript, but not when the only relevant engraved map shows them well separated and in their correct positions.

There are two other pieces of evidence. In the first place, some of the names not found on the copper-plate appear to have been added to the 1583 map as afterthoughts (like Muggleswick and Mitton), possibly even by a different engraver. In two of these cases there are no village symbols (Bergerode and Brodley); in two others there are signs of erasure (Stokesley and Heselwood) –

perhaps the name was difficult to read. Secondly, the 1583 map's own confusions – Downebam for Downham and the partly illegible Welbury – are handled correctly on the copper-plate. In the face of these various strands of evidence it is hard to see how the copper-plate's engraver could have been working from anything other than a manuscript. And is it likely that there was more than one hand-drawn version of Saxton's wall-map?

Close examination of the two larger ships shows that the man who prepared the plate was seemingly as careless with nautical detail as he was with nomenclature. But he does insert a few tiny sections of rigging that are not found on the 1583 map (for example between the tops of the masts on the lower ship). The most likely explanation for this is that both engravers were working from the same original and that this was already equipped with its decorative detail. Whatever the nature of this manuscript it seems not to have been a simple reduction of those used in the compilation of the earlier and larger-scale county maps, as both forms of the wall-map include names not found on the county sheets. That the county map's Over Acaster is rendered incorrectly by the plate as Ouracaster and by the map of 1583 as Oi[1?]a caster, spotlights, perhaps, one illegible word on the manuscript of the wall-map. Yet the unnecessary duplication of



the symbol beside Millom Castle on all three reminds us of the ultimate common source, Saxton's own drafts.

The copper-plate deserves a more thorough analysis than time has yet allowed. Further attempts need to be made to identify the engraver responsible. His very slanted and broadly cut lettering is distinctive and not as yet traced elsewhere, while the etched treatment of the waves (possibly the work of another man) is handled far more dramatically than on the 1583 map.

We might propose, then, the following tentative reconstruction of the copper-plate's origin and purpose. On completion of the county atlas in 1579 Saxton, or more probably his paymaster Thomas Seckford, commissioned an engraver to prepare the wall-map. This individual was certainly not one of the seven who signed the county maps, nor can his hand be identified with confidence on any of the unsigned sheets in the atlas. But it has been noted that as the atlas progressed English engravers increasingly replaced the Flemings, whose more florid style had dominated the earlier stages. The plainer work on some of the unsigned sheets (particularly the latest ones) is noticeably closer to the copper-plate. Whether the plate is complete or not – and some of the absent features, like sea stippling and county names, might reasonably have been left to the end – it seems evident that it was

never published; there is certainly no sign of printing wear. In this way it was presumably acquired by an artist as scrap copper, whereas the 1583 plates remained in the trade at least until 1795. Perhaps the engraver died and his style could not be matched by his successor, or his work might have been rejected. The delay that this would have caused to the project might help explain the four-year gap between the atlas and the wall-map. Presumably when the commission was transferred to Ryther the decision was taken to reduce the sheet size and abandon vernacular headings.

If the study of prototype maps consists essentially in an attempted reconstruction of the manuscripts on which they are based, the copper-plate and the equivalent sections of the 1583 map can perhaps be used in tandem to shed a little more light on the lost drafts of Saxton's survey.

Reference:

1. R.A. Skelton (with A.D. Baxter and S.T.M. Newman) edited by J.B. Harley. Saxton's survey of England and Wales. With a facsimile of Saxton's wall-map of 1583. Amsterdam, Nico Israel. 1974 (issued as Supplement VI to *Imago Mundi*)

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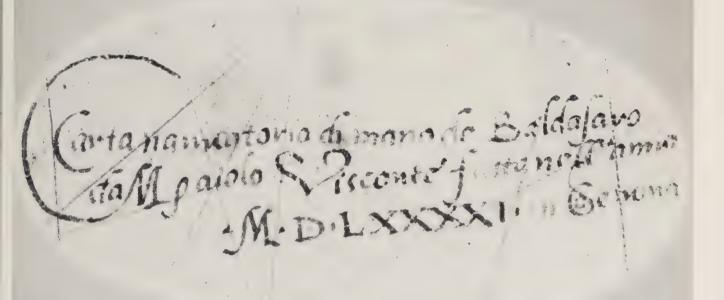
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Lewis Morris, Chartmaker Extraordinary

by Adrian Robinson

In the early 1730's a young Welshman, working as a customs official, heard about the inadequacy of the existing charts of the Welsh coast. He resolved to make a large scale marine survey and here Adrian Robinson examines how Lewis Morris set about carrying out this survey despite every possible setback. He also assesses the place which Morris holds in the history of chartmaking.

THE WELSH NATION is not slow to honour her sons who have brought fame and distinction to their small country and Lewis Morris, the eldest of four brothers of an Anglesey family, has had his share of accolades. His wide range of interests and undoubted ability in many fields of the arts and sciences has been acknowledged in a number of ways. His close links with the founding of the Honourable Society of Cymmrodorion for exiled Welshmen in London led in 1945 to that Society restoring the Morris memorial which had been erected in 1910 on a rocky knoll by the roadside at Pentrerianell where Lewis Morris had been born in 1701, and his association in later life, with the lead-mining industry of Cardiganshire have brought his name to the fore in recent years as part of the renewed interest in industrial archaeology.

In contrast, his pioneering efforts and much more lasting achievements in the field of land surveying and marine cartography have tended to be overlooked by his countrymen. Little attention has been given to the fact that in the second quarter of the eighteenth century, when so little was being achieved elsewhere, Lewis Morris had the vision of a grandoise plan for making the first set of accurate charts of the Welsh coast and attempted, almost single handed, to carry out this great project. For the brief period of just a decade, Morris, through his efforts, could claim to be the most active and the foremost cartographer in Britain. His work on estate mapping in Anglesey and more particularly his survey of the coast of Wales from the Great Ormes Head in the north to Tenby in the south, give him a stature far above that of his contemporaries working elsewhere in Britain at the same time.

In view of this, it is difficult to understand why the role of Lewis Morris as a cartographer has been largely ignored. It is only recently that the full story of his map making effort has unfolded leaving no doubt that here we have a man who could justly claim to have been a chartmaker extraordinary.

Lewis Morris was brought up in the parish of Llanfihangel in north-east Anglesey where his father was a carpenter and cooper. His copious correspondence, which has survived from later years, show that he had little formal education but with his enquiring mind he explored the wealth of prehistoric and early remains which are found around his home at Pentrerianell. This cottage farm also lies close to the coast at Dulas Bay and we are told that as a boy Lewis often played naked on the golden sands. From this same beach he would see the coasters and other ships passing en route for Liverpool and must, from time to time, have seen shipwrecks on this dangerous stretch of the Anglesey coast with its numerous reefs and tiny offshore islets.

He was obviously proficient at mathematics and therefore it was not surprising that he sought and obtained an appointment as estate surveyor to Owen Meyrick at Bodorgan on the other side of the island in 1724. For five years he was employed in making a series of land surveys of the Meyrick holdings in various parts of



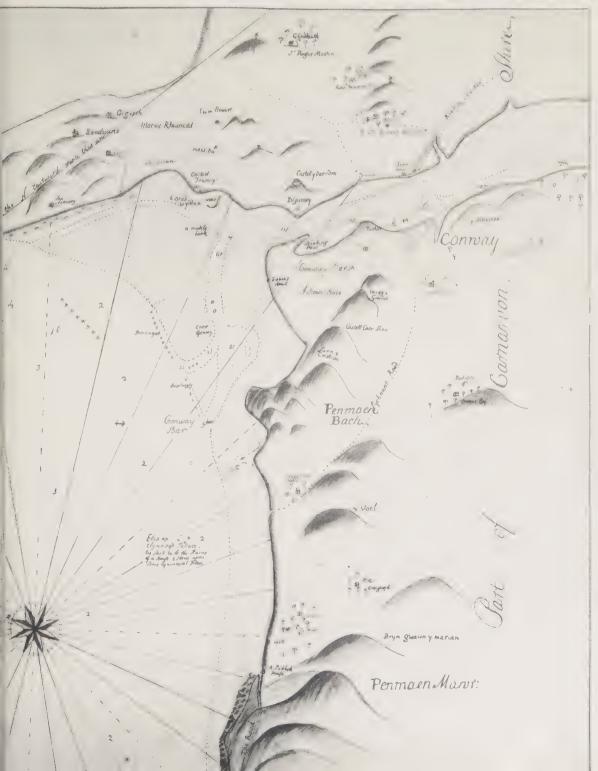


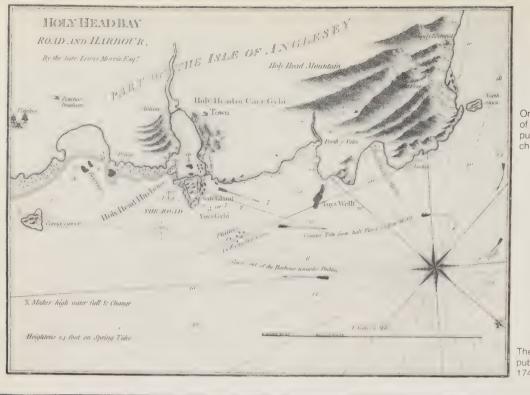
A portrait of Lewis Morris when he was an active surveyor and cartographer. (By courtesy of Adrian Robinson.)

This house at Pentrerianell is generally believed to be the birthplace of Lewis Morris although some people claim he was born in the Long House which can be seen in ruins in the front of the picture. (By courtesy of Adrian Robinson.)

The manuscript survey of part of the coast of North Wales which Morris started in July 1737 and later included in the folio volume of *Cambria's Coasting Pilot* which he sent to the Admiralty at the end of the year.







One of the plans in the bound collection of the harbours of the coast of Wales published at the same time as the general chart

The general chart of the coast of Wales published by Lewis Morris in September 1748



Anglesey. The individual manuscript plans have survived and are still in the possession of Sir George Meyrick. They are varying scales and have been well drawn in colour. It was probably while Lewis Morris was working on these plans that the idea of making a topographic map of the island first occurred to him, but although he often talked about it in later life, his other interests meant that it was always pushed aside in favour of more pressing commitments.

Much of the land held by the Meyrick family lay around the coast and it would be surprising if Morris had not often pondered on the desirability of a full scale coastal survey as he went about his daily business of land surveying. Fortunately circumstances allowed this idea to blossom forth when in 1729 he left the Meyrick employment and became a customs official based on both Holyhead and Beaumaris. Here he came into everyday contact with sea captains and heard of the inadequacy of the existing charts in face of the hidden dangers off the Anglesey coast and throughout the whole of the Irish Sea. The most popular charts in use at that time were those of Greenvile Collins which had been published in 1693 as Great Britain's Coasting Pilot but these had well known inaccuracies and probably gave a misplaced sense of confidence to the coastwise navigator (see the article on the Collins' charts in The Map Collector No. 1). Any thoughts of improvement which may have been in the mind of Lewis Morris had to wait a further six years until the opportunity came for him to place proposals for a large scale marine survey of the whole of the Welsh coastline

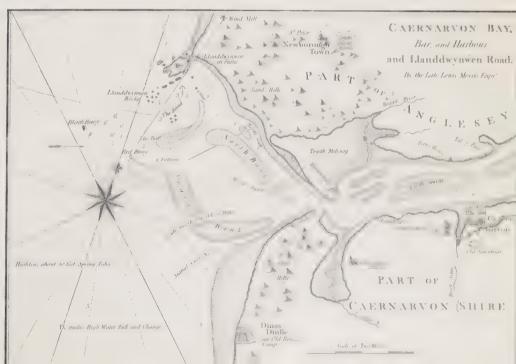


The engraved plan of the southern approaches to the Menai Strait published by William Morris, son of Lewis, in November 1800. No new survey of the hydrography had been undertaken so that the position of the sandbanks must have changed considerably since the initial survey of 1737.

before the Lords Commissioners of the Admiralty in London. We are fortunate in having the details of this proposal and its subsequent developments preserved in a series of letters which Morris wrote at the time. It is clear from the outset that the Admiralty Board were only lukewarm in their support for the scheme. The main problem for Morris lay in procuring a vessel for the charting and when both the Admiralty and the Customs Commissioners refused to loan one of their own there was no alternative but to hire one from local boatmen at a cost of 5s. a day.

The survey finally began on 4 July 1737 at Beaumaris and in the brief space of a month nearly the whole of the coast of Anglesey was mapped by means of a land survey using a theodolite and distance measuring instrument or waywiser. By the 15th August we find Morris making angle observations from the top of the Eagle Tower of Caernarfon Castle. By the end of the season Morris was able to produce eleven charts in manuscript which he sent to the Admiralty in a folio volume called Cambria's Coasting Pilot with accompanying sailing directions. The charts were on varying scales ranging from one inch to the mile for the general chart of the whole of Anglesey to thirty-three inches to the mile for a detailed plan of the harbour of Holyhead. These manuscript surveys were largely forgotten at the time but ten years later Morris used them to compile his bound volume of engraved plates of harbours and bays of the coast of Wales. The intention of Morris in sending these manuscript surveys to the Admiralty was to seek their continued support and perhaps give him the use of a vessel so that the survey could proceed more speedily and with greater accuracy. In this he was disappointed and during the summer of 1738 Morris was forced to carry on his hand to mouth method of surveying the coast and offshore waters. Worse was to follow in 1739 when the Custom Commissioners at Holyhead refused to grant him further leave of absence. There was now no alternative but to call a halt to the whole project.

It is likely that the coastal survey of Wales would have remained in this uncompleted state but for the timely intervention of his first employer, Owen Meyrick of Bodorgan. He was able to use his influence with Thomas Corbett at the Admiralty Office after considerable delay, persuaded the Lords Commissioners to allow Morris to resume the survey in 1742. By 1744, when he had reached Tenby, the war with France brought the work to a complete standstill and it was never resumed. Morris once more returned to Holyhead with his manuscript surveys and shortly afterwards he sent the Admiralty the second volume of Cambria's Coasting Pilot. Their Lordships were too pre-occupied with other matters at this time and nothing was done about publishing the material for the benefit of the navigator. Morris by now was feeling very frustrated and clearly discouraged by the lack of attention and goodwill in official quarters. Characteristically, however, we find him enquiring about the possibility of having the charts engraved and





The Morris Memorial at Pentrerianell in Anglesey erected by the Cymmrodorion Society in 1910. (By courtesy of Adrian Robinson)

The carving on the Morris memorial emphasises Lewis Morris' maritime interests above all others. (By courlesy of Adrian Robinson)



printed privately, a not uncommon practice at this time. As early as 1742 he had visited one of the foremost engravers and map dealers in London, Emanuel Bowen at his shop in Smithfield to discuss the cost of buying copper plates, their engraving and prints pulled from them. In a letter he notes the following scale of charges current at the time:-

1	Elephant paper for maps to be bought per Ream	2	0 0	
2	Each plate of copper of the size of Elephant, per pound		2 4	
3	Engraving of the maps of South Wales	50	0 0	
4	Six sheets of Elephant and the cost of a seventh for Arms and Decorations, which comes per sheet or plate	7	3 0	
5	Close work, such as the map of England,	10	0 0	

	the size of an Elephant sheet, the graving	
6	Open work such as Sea Charts of ye coast	
	will be done per Elephant sheet from three	
	to four	

Printing this size per hundred prints, being about a days work

3 10 0

6 0

In spite of this early enquiry of costs from Emanual Bowen i was not until 1748 that Lewis Morris was in a position to carry ou the final exercise of having his surveys engraved and printed. The economic climate was much more favourable, so much so that the Admiralty was anxious that Morris should not only publish hi general chart of the Welsh Coast and St. George's Channel bu also his plans of harbours and bays as well. The latter were no really intended for publication for Morris himself noted that the were prepared originally for his personal use 'to refresh m memory in case of Storms or other sudden Disasters, when on my survey'. In spite of this Morris acceded to the wishes of the Lord Commissioners and a small volume of twenty-five plans, each measuring ten inches by seven inches was published at the same time as the general chart in September 1748. The folio volume attracted no fewer than 1230 subscribers and amply justified it publication. We are not told how many were printed but William the son of Lewis Morris, noted that in 1761 all had been sold Subsequently, all available copies were eagerly sought after for i was to be another seventy years before the official Admiralty charts of much of the Welsh coast began to appear. In the meantime, in 1800, it was thought worthwhile to issue a new edition of the book of harbour plans. William Morris was now in charge and he had fresh engravings made though the details were largely unaltered from his father's surveys. A number of new charts were added to the collection, including one of Liverpoo Bay and another of Amlwch Harbour, now of much greater importance than in his father's day due to the rise of the copper mining industry of nearby Parys Mountain. In South Wales there were additional plans of Carmarthen, Burry Roads and Swansea Bay

In assessing the place which Lewis Morris holds in the annals of chartmakers, account must be taken of his amateur status, his almost total lack of support in official quarters, and the fact that his effort spanned only a decade. He was self taught and had to learn and develop methods of sea surveying as he proceeded. Fortunately he could adapt himself easily to any situation and with his wide range of interests, including those of an antiquary, philologist, geologist and man of letters, he had other things to turn to when he was forced to temporarily abandon his cartographic pursuits. In spite of the limited resources which dogged him throughout his charting project, he was undoubtedly a skilled surveyor, both on land and at sea but this ir itself would not necessarily ensure the publication of his charts which today are eagerly sought after and have recently been reproduced in facsimile. Fortunately Morris had a wide circle of friends in London and knew where to seek the best advice when he needed it. His approaches to Emanuel Bowen in relation to the engraving of his general chart and book of plans undoubtedly accounts for the fine quality of production, especially the elaborate scroll work and cartouche surrounding the title and dedication. The individual chartlets of the bound volume are relatively simple in style but, as with the general chart, their main function was that of a practical aid to the

With the voluminous correspondence and memoranda which Lewis Morris left behind we are in a unique position to understand the great difficulties and hardships under which the private chartmakers and surveyors worked in the early eighteenth century. That the work was ever undertaken and completed is in itself a testimony to the skill and fortitude of a Welshman who, though better known in his own country for his other interests and accomplishments, was nevertheless a foremost practitioner in the art and science of cartography.

References and Further Reading:

R.T. Jenkins, The History of the Honourable Society of Cymmrodorion, 1951 G. Walters, 'The Morrises and the Map of Anglesey', Welsh History Review, 5, 1970. J.H. Davies, The letters of Lewis, Richard, William and John Morris, of Anglesey 1728-1765.

H. Owen, Additional Letters of the Morrises of Anglesey, 1735-1786. A.H.W. Robinson, Marine Cartography in Britain, 1962. Priginal Antique Maps for sale by auction 5th December 1979



Catalogue price 75 pavailable from the auctioneers

STANLEY GIBBONS AUCTIONS LIMITED,



David Bannister (left) and his partner Peter Baxter pictured with their new micro-computer named Mappox.

Mappox

A MICRO-COMPUTER named Mappox has been one dealer's twentieth century answer to a sixteenth century problem. Because of the growth in popularity of early maps in recent years, particular problems have been raised for those dealers who have expanding stocks of increasingly valuable material. The Regent Gallery in Cheltenham has not escaped the effects of this boom and for some time has been coming to terms with a growing list of customers, particularly from overseas; and a developing stock, particularly of sixteenth and seventeenth century material.

Since David Bannister started his business in the early Sixties, the emphasis has shifted from the usual English county maps of the Speed/Bleau/Jansson variety to material with an international flavour. This has resulted in a significant increase in the flow of enquiries from abroad, particularly since the launching of *The Map Collector*. All these letters have to be answered and David and his partner Peter Bannister have found it increasingly difficult to cope using conventional cataloguing methods.

On the basis that a system which can store catalogue information relating to maps could also be applied to other types of business, the Gallery decided to look for a solution which could have wider applications than just to the antiquarian map trade.

Their answer was found in the form of an information retrieval system based on the North Star Horizon micro-computer. The computer programmes, designed to the Regent Gallery's

own specifications, categorised by geographical region and cartographer. For each item, the computer stores details of price, cartographer and region plus a full catalogue description with title, size and condition. Enquiries to the Regent Gallery will now be answered with a computerprinted list of available stock within the stated criteria.

As Peter Baxter points out, 'although this may seem a little impersonal it does mean that

letters can be answered the same day.' Initially the system will not be used for items priced at less than £50. Future developments envisaged include a facility for matching customer requirements to newly acquired stock; the Gallery's catalogue mailing operations and managing David Bannister's extensive wine cellar! David and Peter intend to make the system more widely available and anybody interested should contact them at 14 Regent Street, Cheltenham.

Honolulu venue for map meetings

Report by Mary Larsgaard, Programme Planner for the Geography and Map Division Meetings run by the Special Libraries Association at Honolulu from June 9-14.

THE MEETINGS began in a decidedly informal fashion with a Division open house at the Ilikair Hotel, from 10 pm until a purported midnight but an actual 3 am! Approximately thirty five people attended this social/political get-together (it was at this point that the programme planner began to hope that her pessimistic attendance estimates were going to be delightfully incorrect – and so it proved). Throughout the following three days of meetings, attendance never fell below about forty and was sometimes over fifty.

Due to the conference being scheduled almost exactly on the same days as two other map/cartography meetings – the Drake celebration in California and the map seminar in South Africa – International attendance was low with the vast majority of attendance from the United States plus a sprinkling from Canada and the Pacific hasin countries

The Geography and Map Division had its customary marathon/enduro-run of sessions, beginning with a lively and intense business meeting that included formation of a committee to look into the possibilities of G & M members leaving Special Libraries Association to form or join another organisation. The afternoon keynote session was 'Map Collections and Map Libraries – Politics and Economics' at which David Cobb, University of Illinois, talked about methods of obtaining money for the map collection; Larry Cruse, University of California, San Diego, spoke about the virtues of keeping cartographic records on microfiche, and Jim Minton, University of Michigan, discussed the

implications of automated network map cataloguing.

The following day commenced with a programme on 'Distant Parts: Cartography and Map Librarianship.' Dr Sen-dou Chang, Geography Department at the University of Hawaii, spoke entertainingly and pertinently concerning the use of Landsat images to study China. Lilian Griffin, Massey University, Palmerston North, New Zealand, presented slides and commentary on New Zealand map collections and Don Wise, US Library of Congress, gave a paper on Phillipine map collections.

The noon lunch programme found Gary North, chief of the US National Cartographic Information Centre, ably discussing the Centre's plans. This was an apt follow up to his handing out button pins saying 'Map Lady!' and 'Map Man!' The afternoon programme, a panel on recent practices in map preservation and conservation, was organised by June Harris of Detroit Public Library. This panel provoked so much lively discussion that we were forced by time schedules to leave the room long before everyone had finished talking. Jim Craven, Bentley Historical Library, University of Michigan, Betty Kid, National Map Collection of Canada, and Mary Lee, affiliated to the Bishop Museum, Honolulu, were the panellists.

That evening the Division went to a cosponsored event with the Honolulu Academy of Art on maps of Hawaii. Gary Fitzpatrick served as organiser for this event. Stan Stevens, University of California, Santa Cruz, read a paper on the mapping of Hawaii by Laperousse; Peter Morse spoke on the Lahainaluna maps and Gary filled in on everything in between with his paper on the history and geography of Hawaii in maps. In spite of the airconditioning

PROFILE

His career in maps led him to America



David Woodward sitting at his desk surrounded by his reference books and some maps.

MAPS HAVE LONG held a fascination for David Woodward, and his training and career has been centred around them, culminating in his present position as Director of the Hermon Dunlap Smith Center for the History of Cartography at the Newberry Library, Chicago.

He was born in Leamington Spa, England, in 1942 and was educated at Harrow County Grammar School, where his interest

in maps was further stimulated by a strong geography curriculum. After a brief period at the Directorate of Overseas Surveys as a basic grade draftsman, he took a degree in geography at the University College of Swansea, specialising in cartography under Dr Derek Maling. His interest in the history of cartography really began here with a bachelor's degree thesis on the history of topographic mapping in Africa. He then continued his studies at the University of Wisconsin, Madison, under Professor Arthur H. Robinson, receiving the Ph.D. in 1970.

By this time his present interest in the history of map printing had crystallized in the form of papers and theses written during his five years at Madison. Much of the research for his M.A. thesis on sixteenth century woodcut maps was done at the British Museum where he became acquainted with Dr R.A. Skelton, then Superintendant of the Map Room. Dr Skelton had recently spent three months at the Newberry Library in Chicago advising its Librarian, Dr Lawrence W. Towner on the matter of setting up a centre for the history of cartography based on the exceptional map and atlas collections of the Library, and recommended David as the Library's first map specialist. With the generous capital gift of Mr Hermon Dunlap Smith in 1972 (after whom the Center is named) the Center was placed on a permanent financial footing and its Director began to plan a series of research, publication and educational programmes.

failing, the audience only dropped from 125 to eighty-five after the intermission!

The following morning nearly all the delegates 'hit the beach.' Wednesday noon brought yet another fruit cup but to make up for that it also brought William Roselle, the director of the library at the University of Wisconsin-Milwaukee who presented a slide programme on the move of the American Geographical Society collection. from New York City to Milwaukee. What may sound prosaic turned into an emotional occasion with Mr Roselle showing a slide of the empty stacks at AGS (moving more than one G & M member to tears with its '180,000 ghosts' so well captured by the photographer) and the presentation of Special Citations to Mr Roselle and to Dr Roman Draznowsky, the curator of the AGS collection. A hard act to follow but somehow the next session managed nicely, with Marsha Selmer, University of Illinois at Chicago Circle. presenting Patricia Moore's (Newberry Library) paper on the Midwest Map Catalogue. Jean Ray followed with a slide presentation and paper on maps in the Sang Collection at her institution, Southern Illinois University at Carbondale, and



Map specialist, Raymond O'Shea (second from left), director of the Baynton-Williams gallery. Belgravia. London SW1. was chairman of the 21st Antiquarian Book Fair held at the Europa Hotel. Grosvenor Square. London. In June. The fair featured an exhibition to mark the Saxton anniversary entitled 'Christopher Saxton and His Atlas. 1579'. Sales were the highest ever, topping the million pound mark. Prints and maps were much in evidence. From left to right, Raymond Kilgarriff. President of the Antiquarian Booksellers' Association. Raymond O'Shea, Peter Barkworth, the well known actor who performed the opening ceremony, Jonathan Altaraz, London Management and Heather McConnell. PRO for the fair

M. Kay Mowery finishing off the session in a neat flourish with a discussion of the production of the California water atlas.

In the evening the Division went to the Thomas Hale Hamilton Library at the University of Hawaii and viewed national survey maps of the Pacific basin. For those with any energy left, the Division had a tour of Oahu on Thursday beginning with a visit to the map collection of the Pacific Scientific Information Centre housed in the Bishop Museum. Lee Motteler, map curator, spoke briefly concerning the collection. The afternoon was sheer sight-seeing driving along the coast, up to the Pali and back to the hotels. Friday brought yet another tour from Kona to Volcano House at Kiteana Iki and then on to Hilo.

The purpose of the sessions was to draw together map librarians to talk about and hear about developments in the map library world and to include cartography and geography in its discussion; doing all of this meant that the three days of meetings proper were very crowded but very informative and (I hope) enjoyable for those attending. We now look forward to the next SLA in Washington DC.

(This meeting sounded so good as described by Mary Larsgaard that all the staff at The Map Collector sorely regretted not being able to attend! Ed.)

Reliving the past

JON ASH. SPECIALIST dealers in rare books and antique maps and prints, stepped back into history when they moved recently from their address in Cullum Street, London EC3 to 25 Royal Exchange, London EC3.

The Royal Exchange must guard many secrets within its walls of bygone mapsellers and cartographers for it was once the thriving centre of the map trade in the seventeenth century and many famous names conducted their business in and around it.

The first exchange was built in 1568 and visited in January 1571 by Queen Elizabeth I after which it was called 'Royal.' In those days it included a major part of Cornhill with its southern frontage

and the bulk of Threadneedle Street to the north. It was described in a journal of that time as a 'long building opening on to Cornhill with a ground floor and good courtyard for the merchants, and above the piazza the 'pawn' with hundred shops. In the tower was a bell which summoned the merchants daily at noon and six in the evening

At least fifty mapsellers and cartographers are known to have had their business in or by the Royal Exchange both before and after the Great Fire in 1666 when a new exchange had to be built. Probably the most famous cartographer who had his address in Pope's Head Alley by the Royal Exchange was John Speed.

John Ogilby is also known to have resided 'at Mr Garways Coffee House in Exchange Alley, near the Royal Exchange' in the 1670s. Robert Morden (circa 1670-1710) was 'at the Atlas in Cornhill, near the Royal Exchange,' as well as John Seller who had his 'shopp at the west-side of the Royall Exchange' in the 1680s. Thomas Jenner was at the south entrance of the Exchange circa 1625-60 together with George Humble and William Humble who were in Pope's Head Alley – and many more.

Lawrence Worms, the proprietor of Jon Ash was fascinated by this history of map and bookseling at the Royal Exchange and when the new premises became available it did not take him long to make up his mind to take them.

The firm was founded in Cullum Street in 1946 by Hugh Jones and Cyril Nash who ran their names together to produce Jon Ash. Mr Worms took over from them in 1971. While the firm has been associated in the past more with books and first editions, the map and print side has become equally important in recent years and the top floor of the new premises is given over entirely to them.

In addition to his other duties, David serves as organiser and editor of the Kenneth Nebenzahl Jr. Lectures in the History of Cartography and also the Center's own publication series of monographs and bibliographies in the history of cartography. For five years, he was editor of *Studies in the History of Discoveries*, the monograph series of the Society for the History of Discoveries. The Center's newsletter Mapline is now in its fourth year.

As adjunct Senior Lecturer in Cartography at the University of Chicago, he teaches courses in introductory cartography and the history of cartography. His evening course for map collectors at the Newberry, now in its sixth year, has created much interest, and its alumni formed the basis of the Chicago Map Society, the first formally organized city map society, now numbering 120 members.

Among the research projects attracted to the Center has been a Catalogue of some 20,000 maps of the Middle West printed before 1900, a co-operative effort of fourteen historical societies and universities in twelve states, to be published in 1980. David's own research project, started on a John Simon Guggenheim Memorial Fellowship to Italy in the academic year 1977-78, is an analytical bibliography of maps and city views published in Italy in the sixteenth century – a project he anticipates will take many years to complete. Among the tools to be compiled for this bibliography will be a bank of watermark photographs of the maps in the

Newberry's Novacco collection of sixteenth-century Italian maps acquired in 1967, comprising fully 50% of the maps listed in R.V. Tooley's important checklist. Of more immediate concern is his planned four-volume history of cartography with edited contributions to be published by the University of Chicago Press, a project which he conceived with his colleague J.B. Harley on a visit to Newton Abbot in 1975.

He notes an increase in interest in the field at all levels over the last ten years, particularly in map collecting, but feels that the history of cartography in an academic sense is awaiting a multilingual generalist with a background in history, geography, philosophy, mathematics, and the graphic arts who can provide a sound theoretical background for the whole field. He believes R.A. Skelton began to approach this, but that since his death in 1970 the field has lacked leadership, and he sees no successor on the horizon.

He started collecting atlases by John Cary in 1972, but after being almost bankrupted by the purchase of the first three, resorted to a collection of recent London Transport Underground maps, for which he says the plate history is fascinating! Other interests include calligraphy and his private press on which he prints small books and broadsides. He is married to a native of Berkshire, Rosalind, and has one daughter, Jennifer, who was born in the United States in 1969

Around and About

Blackburn Public Library are unable to trace their copy of Christopher Saxton's rare atlas of England and Wales circa 1693 and would be grateful for any information from dealers or collectors to whom it may have been offered The map librarian, Mrs Buchanan, told The Map Collector, 'This is particularly distressing in the year when we are marking the 400th anniversary of the publication of this famous atlas. This was our only copy and is a great loss to the library.' The only distinguishing mark is the stamp of Blackburn Public Library.

At the time of going to press Jonathan Potter (Antique Maps) Ltd., was about to move from its premises in Sackville Street, London, to a new gallery at No. 1 Grafton Street, London W1 The new gallery will be the only shop in the central West End specialising in rare and decorative antique maps and, unlike their previous shop, will be on the lower ground floor and they will share it with Chas. J. Sawyer,

the well established fine book dealers. The two businesses will run in conjunction with each other, Richard Sawyer acting as consultant with special reference to maps, prints and books regarding African interests and in the more general field of fine colour plate books and atlases. Jonathan will open the new shop with his exhibition and catalogue of London maps and panoramas.

Wakefield Historical Society are now further advanced with their bio-bibliography of Christopher Saxton which is being written by Heather Lawrence and Ifor Jones. It will now appear at the end of September and will cost approximately £15.

Robin de Beaumont has been appointed a director of Stanley Gibbons Antiquarian Books. He has collected books for thirty years and items from his collection have been illustrated in standard works of reference.

Unidentified Map **Exhibition**

AN UNIDENTIFIED MAP showing a view of the Thames and the surrounding area was amongst the maps on display at Stanley Gibbons' Mapsellers summer exhibition which opened in

This was the first special exhibition held at Mapsellers since they opened five years ago and featured maps of London and the Home Counties. Among the exhibits were Sebastian Munster's 'London' of 1598 from the Cosmographia Oder Beschreibung de Gantzen Wellt; a 1611 John Speed map of Suffolk and a most unusual birds-eye

Looking back

In 1953, Maggs Bros. Ltd. of 50 Berkeley Square, London W1, produced their centenary catalogue, 1853-1953. It included a selection of books, manuscripts and autograph letters of special interest and rarity and among the items for sale was the Theatrum Orbis Terrarum by Abraham Ortelius for which the asking price was the grand sum of £105. It was described as a 'good uncoloured copy of the Ortelius atlas with engraved title and verses on reverse by Daniel Rogers.' Also for sale was Claudius Ptolemaeus' famous atlas, Geographia, the edition of 1513 'a fine copy in old stamped vellum binding', for



/alerie Scott, assistant editor, pictured talking to Yasha Beresiner, the new Director of Stanley Gibbons Mapsellers at the press reception to launch their summer exhibition

view of the Thames by W.G. Tombleson circa 1834. Tombleson was the publisher for Eighty Views of the River Thames which was usually accompanied by this map. Other cartographers represented included Norden, Bleau and Cary

Present at the press conference to launch the exhibition was the new Director of Mapsellers Yasha Beresiner, who is an Israeli and a graduate of the Hebrew University. Until now his main collecting interest has been paper money but he has a collection of antique maps of the Holy Land and is finding the whole subject of maps 'absolutely fascinating.

He told The Map Collector that the exhibition was 'a great success' which they hope to repeat in the future.

OBITUARY

Lord Hewlett

CLYDE HEWLETT died suddenly on 2nd July. He was known wherever he travelled as a map collecting enthusiast and a man who devoted enormous energy to politics and his family industrial business. It was his dynamic attitude to anything to which he turned his attention that earned him great respect.

He was a benefactor to the trade and its continuance. Dealers may not have been aware of the time and effort he expended in lobbying both houses to exert pressure on the Chancellor when dealers were confronted with VAT in 1972. Not entirely happy with the resulting 'special scheme', he was reluctant to give up arguing the point for the trade.

His collection of maps was based on quality rather than quantity, always striving to improve and ensure that his maps were the best available. It was particularly refreshing that he never talked about the value of his maps: instead he would talk with great expertise of the origin. the makers, engravers and the technical side of printing and colouring. Again, his enthusiasm enthralled people who may not have been aware of the existence of old maps before they met him. In that respect he was a great ambassador to the trade. His own professional attitude caused him to be intolerant of unprofessional people, not only of this age. He would severely criticise a seventeenth century printer for producing a poor impression in the same way as he would criticise the credentials of today's map experts, particularly those who wrote on the subject. It was this attitude that provided him with his collection.

At the recent election he was much in evidence on the platform and was in demand as speaker, renowned for being straightforward, logical and keeping to the point at issue. His career in politics brought him to the public forefront. Though the choice was his, it was the nation's loss that he never became a member of Parliament. Since the last World War he was very active behind the scenes and, for his services he became a life peer in 1972. He leaves a widow and two sons.

Washington map society launched THE INAUGURAL MEETING of the each year.

Washington Map Society was held on May 2, 1979 at the Geography and Map Division of the Library of Congress in Alexandria, Virginia. Seventeen people attended and signed as members and more are expected to join.

Acting Chairman, Dr Walter Ristow, suggested that the Society and its programmes should serve the interests of collectors of antique maps and that the meetings should be kept informal. The Society plans four scheduled meetings in the coming year and in addition special meetings may be held to hear prominent individuals several of whom visit Washington

It was agreed that officers acting for the first year would be Dr Ristow as Chairman, Mr Ralph Ehrenberg as Vice-Chairman in charge of programme planning and Dr Jonathan Lanman as Secretary/Treasurer. Membership dues were set at \$8 per year.

Dr John Wolter and two members of his staff, Mr Richard Stephenson and Mr Andrew Modelski were the hosts for the evening and following the meeting led tours of the Geography and Map Division's impressive collections. Mrs Ristow and Mrs Lanman prepared the refreshments.

BOOK REVIEWS

MAPS OF BUCKS by Gordon Wyatt. Edited and designed by Clive Birch assisted by Julie Nuttall BA. Buckingham: Barracuda Books Ltd., 1978 (310 x 240mm), pp 128, illustrated, index. £12.

After a long period of gestation and frustration, a new arrival in the still lamentably small field of descriptive studies of the English county map presents itself. It is nicely turned out. wrapped in a full colour jacket reproducing Speed's map of Buckinghamshire suitably amended to incorporate the book's title — a title which uses the respectably old, but to my mind ugly, contraction of an honourable county name: Buckinghamshire.

A glance at the small map, Fig 5, indicating county bibliographies published to 1969, in Brian Harley's booklet *Maps for the local historian* (1972), shows that Buckinghamshire has been the subject of a shorter list or catalogue. True, and the late Gordon Wyatt made due acknowledgement of that fact inasmuch that *Maps of Bucks* reproduced Ursula Price's listing, published originally in *Records of Buckinghamshire*, 1948-50 which lists maps published from 1574 to 1800, and Gordon Wyatt's own listing of maps after 1800 and up to 1907.

So far so good, but he who expects a 'Hodson' on Buckinghamshire maps will be disappointed. A nicely thought out essay, on English cartography with certain reference to Buckinghamshire, followed by illustrations, precedes the 'meat' of the book, the map lists themselves, which occupy the latter half.

About the 1574-1800 listing there is no real problem, copious description being accorded each map and edition placed in chronological order. A minor irritation is that map sizes are given in inches, width preceding height: is it not time that a standardised height by width in metric measurement be adopted? Cross-reference to Chubb and Skelton is given where appropriate which is a useful feature and it is also useful that the map titles are printed in italics with obliques indicating line changes. A little extra care in proof reading could have avoided an error such as that in the references to item 39, the Jefferys 1770 map which in Elizabeth M. Rodger's Large Scale County Maps is listed as 'Rogers' as well as 'Rodger.'

The main problem arises with the section 'other Buckinghamshire Maps', treating those published after 1800 and including a few published before that date not specifically of Buckinghamshire. In this section an opportunity has been missed: it is a great pity that many students of county maps take 1800 as the finish line for detailed cartobibliographic description. For the potential student there remains a great deal of work to be done on nineteenth century mapping. It may not have the glamour of the older mapping, but surely the many nineteenth-century maps of Buckinghamshire deserve more than a cursory short listing of date, cartographer, title, scale and publisher. Why no size? Why no descriptions?

Returning to the illustrations, the format of the book allows a good proportion of the maps to be shown complete, albeit reduced in most cases. In respect of the half-tones, a screen of sufficient fineness to permit a high degree of resolution of detail has been used to good result. Here, Clive Birch deserves praise. Line blocks have been used for certain examples which posed problems of reproduction. It was a happy thought to include portraits of cartographers: it would, however, have been a good idea to give the artist's, engraver's or publisher's name in each case, and, if a photographic library was used as

the source, surely a better negative of the Falck engraving of the portrait of Willem Janszoon Blaeu (p29) was available? In any case, the portrait chosen should have been that of Joan Blaeu (1598-1673), the son, publisher of the famous county maps.

My slight irritation at the lack of measurements in the post 1800 listing extends to the illustrations. Might it not have been possible to have given the sizes of the original maps illustrated, especially in the case of those maps of which only a small part could be illustrated. Some sort of indication of the amount of reduction from the original could have been given. It would also have been helpful of the compiler to have given the appropriate list reference in each caption, especially as the illustrations are not necessarily in chronological order. One small query, is the map illustrated on p34 really 'Robert Morden's well known map of Buckinghamshire first produced in 1710, in a later edition here'? No sir! Look at the 1695 and subsequent editions of Camden's Britannia with the Morden maps. The last section of Maps of Bucks is a bibliography of books and periodicals on geography and cartography, well intended and reasonably extensive but it is poorly set out, difficult to read and inconvenient to use as a reference list.

Whilst the appearance of Mr Birch's publication does not alter the shading of the counties on Brian Harley's map, the publication of this attractive and not expensive book should be greeted by anyone interested in Buckinghamshire and its maps. It is to be hoped that other counties, and many remain blank on Harley's map, will be published in an accessible book form, rather than their being consigned to the pages of little-known publications which go out of print all too quickly, and which in any case cannot always afford the luxury of copious illustrations. At the price of £12, Maps of Bucks deserves to sell.

J.J.S. Goss

MAPS FOR AN EMERGING NATION: COMMERCIAL CARTOGRAPHY IN NINE-TEENTH-CENTURY AMERICA by Walter W. Ristow. Washington, Library of Congress, 1977 (200 x 260mm), pp. 66. illustrations, bibliography.

All too often an exhibition catalogue consists

simply of a list of items, each with a short description, and no more than a few introductory paragraphs to link them together. Useful as such catalogues may be to the visitor, they are rarely of great interest to anyone who has not seen the exhibition. Happily there is a growing trend to produce instead a general booklet on the theme of the display, with the list of exhibits relegated to the end: this kind of work can stand alone as a text of permanent value, rather than a disjointed sequence of individual descriptions which loses a part of its worth the moment it is removed from the context of the exhibition.

Walter Ristow's Maps For an Emerging Nation is an excellent example of the 'accompanying booklet' as opposed to the traditional catalogue. It is not necessary to have visited the exhibition in the Library of Congress to enjoy and profit from this fascinating study of the growth and development of commercial cartography in America. In what must of necessity be a brief view, he describes the introduction of new graphic printing techniques from Europe and sets them in their historical and political context, showing how the combination of events and opportunities gave rise to the various styles of American cartography.

Naturally enough, the arrangement of the booklet follows that of the exhibition. A general introduction describes briefly the state of American mapping at the end of the revolutionary war. Until then, mapping had been almost entirely in British hands; after the war, the new government had no money to spare to finance it, and so it fell to private individuals to take the initiative. The main part of the booklet falls neatly into three chronological sections: the first deals with the end of the age of copper engraving, up to



about 1830; the second with the spread of lithography, which reached America relatively late, after it had become firmly established in Europe; and finally the period from the Civil War to the end of the century, when the progress of commercial cartography had been interrupted by military calls on both the experts and the available raw materials, while at the same time the pressures of war had led to new developments more rapidly than might otherwise have been expected. The different methods of printing are explained in each section, with particular emphasis on lithography; a paragraph more on the technique of copper engraving, which is only half described, might have been useful for the general reader. Within the three chronological divisions the maps are arranged in smaller groups - state maps, railroad maps, bicycle maps, etc. The author mentions the cartographers and publishers who specialised in the different fields, and also describes the circumstances which led to each innovation or trend - for example, the extreme importance of railroads in the second half of the century brought about the virtual extinction of ordinary roadways on general maps until the turn of the century and the sudden rise of the motor-car. Finally, a select bibliography and list of exhibits occupy the final third of the booklet.

Such a brief work – fewer than thirty-five pages of text – cannot provide more than a general introduction to such a vast subject. Detail must often be sacrificed for the sake of the overall view; yet by judicious choice of examples – some from the exhibition, some not – Walter Ristow has managed to create a vivid picture of the course of commercial cartography during the

nineteenth century.

Any major criticism of this booklet must be laid at the door of the designer rather than the author. The typeface is both unattractive and difficult to read; and the reproductions of the maps are distributed most unevenly, two-thirds of them appearing in the final section, the list of exhibits, leaving the actual text rather sparsely illustrated. Anyone who can brave the outward appearance of the page and concentrate on the meaning will be well rewarded.

A.G. Hill

ARABIA IN EARLY MAPS – a bibliography of maps covering the Peninsula of Arabia printed in Western Europe from the invention of printing to the year 1751 by G.R. Tibbetts. Falcon-Oleander Presses, Cambridge, England 1978. (256 x 220mm) pp 175, 22 illustrations, 9 in colour or partial colour, bibliography, index. £15.

This is the first work devoted to the European mapping of Arabia up to the mid-eighteenth century. Attractively produced in a handy format, it gives a preliminary guide to a study of the

subject.

The items listed are in the main very well documented. Obviously a greal deal of time has been spent on the completion but there are far too many omissions to make it a complete work. The author includes maps, not only of Arabia, but regional maps (Asia and Turkish Empire) and even some world maps. For example, he includes the twelve sheet and the eighteen world maps of Hondius but not the large world maps of Vopel or Bleau. For Arnoldi he gives the one sheet map of Asia but not his twelve sheet map of the world.

The Dudley maps are listed under the engraver Lucini and a Linschoten map under the publisher Becket, though in both cases the work in which they appear is listed in the footnote.

More surprising is the omission of the English, Italian and Spanish editions of Ortelius. No mention is made of the contemporary and rivals of Ortelius; the De Jodes. The French

edition of Malet 1683 is given but not the German edition of 1686, and for Jaillot's map of Asia, the edition of 1687 is chosen and not the first edition of 1674. These and other omissions detract.

This book is useful and good within its limits, as is its method. It nevertheless falls short of its objective by the omissions.

R.V. Tooley

Publications received

A LIST OF 16th, 17th & 18th CENTURY MATERIAL IN THE RUCKER AGEE MAP COLLECTION BIRMINGHAM PUBLIC LIBRARY. Birmingham, Alabama, 1978. (228 x 150mm), pp 100. Paper. No price stated.

Catalogues received

LANE'S REPOSITORY, 107 Bryn Mawr Drive SE, Albuquerque NM 87106, USA. *Catalogue No. 837. The West Indies. A collection of old & rare maps & prints.* General catalogue in six sections. pp 6, 52 items, 1 illustration.

Catalogue No. 840. Americana. Catalogue in eight sections: Early America: The Northeast; The South; The Midwest; The West; Alaska and Hawaii; District of Columbia; and the American Revolution. pp 50, 387 items, 25

illustrations, table of contents.

HARRY L. STERN LTD., 620 North Michigan Avenue, Chicago IL 60611, USA. *Antique Maps III*. Catalogue of Maps, mostly of the Americas. pp [16], 33 items, 15 illustrations.

ROGER MASON, 86a Banbury Road, Oxford. *Catalogue No. 1.* General catalogue of maps of all parts of the world. pp [12], 367 items, 2

illustrations, index.

RICHARD FITCH, 2324 Calle Halcon, Santa Fe NM 87501, USA. *Americana. Catalogue No. 32*. Catalogue of maps, prints and views of North and Central America. pp 34, 235 items, 53 illustrations, list of references cited.

C.E. RAPPAPORT – ROMA, via Sistina 23, Roma, Italy. *Bibliofilo Romano. Anno 69*°. N° 168 General catalogue in two main sections. pp 70, 307 items, 10 plates containing 17 illustrations, plus two others, subject index.

THE OLD PRINT SHOP, 150 Lexington Avenue at 30th Street, New York NY 10016, USA. *The Old Print Shop Portfolio. Map issue.* Volume XXXVII, Number 4. Edited by Kenneth M. Newman. Catalogue of maps, mostly of the Americas. pp 73-96, 134 items, 39 illustrations.

ARGONAUT BOOK SHOP, 786-792 Sutter Street, San Francisco CA 94109, USA. *Fine and Rare Books. Catalog 78.* General catalogue, in author sequence. pp 55, 353 items, 25

illustrations.

RICHARD B. ARKWAY, INC., 114 East 61st Street, New York NY 10021, USA. Catalogue XIII. Rare Books and Atlases. Americana, Travels, Voyages, Sciences, Sinology, Illustrated Books. Compiled by Robert Augustyn, Rex Prady and Richard B. Arkway. pp 41, 65 items, 20 illustrations.

ROSENKILDE og BAGGER, Kron-Prinsensgade 3, DK-1017 København K, Denmark. [List, untitled.] pp [57], 60 items.

HARRIET WYNTER LTD., 352 Kings Road, London SW3 5UU. A Bulletin & Books on the History of Science, Technology and the Applied Arts. Catalogue arranged in author sequence. pp 22, 243 items.

BODLEIAN LIBRARY, Oxford. Bodleian Library _ Map section Selected Map and Book Accessions. No. 341 April 1979. 79 entries. COLLECTORS CIRCLE LTD., PO Box 95050, Woodfield Station, Schaumburg IL 60195, USA. Rare Antique Maps and Prints. A 'general survey of antique cartography of Eastern Europe from the mid 16th to the second half of the 19th centuries' in three sections; Rare Maps and Prints; Reproductions; Rare Books. pp 18, 74 items, 12 illustrations.

BRANFORD RARE BOOK AND ART GALLERY, 221 Montowese Street, Branford CT ()6405, USA. Books and Maps, Relating to America. Spring '79. Compiled by John R. Elliott. pp [20], 37 items, 40 illustrations. List of references cited.

HYDE PARK BOOK SHOP, 8/10 Headingley Lane, Leeds 6. *Catalogue 19*. General catalogue in twenty-five sections. pp [64], 800 items,

sectional index.

THOMAS CROWE, 77 Upper St Giles Street, Norwich NR2 1AB. Books various subjects. Catalogue 159. General catalogue arranged in author sequence. pp [16], 60 items, 9 illustrations. R.V. TOOLEY LIMITED, Church Square, 48 High Street, Tring, Hertfordshire HP23 5AE. Catalogue Number One. A Selection of 500 Maps and Atlases. Compiled by R.V. Tooley and J.J.S. Goss. General catalogue of maps and atlases of all parts of the world in 13 sections: A Portolan Chart; World; Europe, Asia, Africa, North America, Central America, South America, Australssia, Atlantic Ocean, Arctic Regions, Curiosities, Atlases and Books. pp 128, 500 items, 72 illustrations, including five in colour, list of references cited.

FRANCIS EDWARDS LTD., 83 Marylebone High Street, London W1M 4AL. Map Bulletin No. 1. A Selection of General Maps. pp [8], 108

items, one illustration.

CARTOGRAPHIA-MASON. 11 Devonshire Road, Harrow, Middlesex, or 86A Banbury Road, Oxford. Waghenaer. A selection of charts from Le Nouveau Miroir Des Voyages Et Navigations, (1605). pp 6, 46 items, 4 illustrations.

R.T. LOMBARD, JR., 21-2 Fort McNair, Washington DC 20023, USA. [List, untitled]. pp

[8], 181 items, 13 ilustrations

A.L. van GENDT & Co. BV, Keizersgracht 610, 1017 EP Amsterdam, The Netherlands. Catalogue XXXVIII. Old & Rare Books. Catalogue in two main sections; Old & Rare Books & some Manuscripts; Dutch Pamphlets relating to America, esp. to Brazil. pp 84, items 375-673, 47 illustrations.

HUGHES & SMEETH LTD., 26 St Thomas Street, Lymington, Hampshire SO4 9NE. A catalogue of Rare and Interesting Books. General catalogue six sections, by author; Antiquarian and General; The Fine Arts including Architecture; Limited Editions and Modern Illustrated; Natural History; Sporting including Coaching; Atlases, Travel and Topogrpahy. pp 48, 315 items.

BODLEIAN LIBRARY, Oxford. Bodleian Library _ Map Section Selected Map and Book Accessions No. 343 June 1979. 110 entries.

W.D. TRIVESS, Antiquarian Bookseller, Meonstoke, Southampton. *List 670. Old Maps & Charts.* pp [3], 32 items.

L. BILMES, 56 Meads Street, Meads, Eastbourne, East Sussex BN20 7RH. British Topography List No. 42. General listing, in

author sequence. pp [5], 84 items.
LIBRAIRIE PAUL JAMMES, 3 rue Gozlin,
F-75006 Paris, France. Livres Anciens &
Modernes. Catalogue 234. General catalogue in
three main sections, in author sequence. pp 76,
1261 items.

L.S. STRAIGHT, 101 Maple Street, Weehawken NJ 07087, USA. *Catalogue No. 327 _ Americana*. Catalogue in regional sequence. pp 10, 86 entries, 2 illustrations.

—. Catalogue No. 328 _ Miniature Maps and Views, 1685. Maps and views from Mallet of all

parts of the world. pp 6, 70 entries, 2 illustrations.

—. Catalogue No. 329 _ Americana. Catalogue in regional sequence. pp 22, 217 entries, 4 illustrations

NEIL McKINNON LTD, P O Box 847, Timaru, New Zealand. *Antique Maps - Old Sea Charts. Some Recent Acquisitions*. General list of maps and charts of all parts of the world. pp [4], 32 items, 9 illustrations.

MAPQUEST, PO Box 14211, Atlanta GA 30324, USA. From the Mapquest Collection, Rare

Maps and Books. Catalogue 6. Catalogue of maps of the American Colonies and the United States, plus a selection of miscellaneous charts and maps. pp [26], 222 items, 16 illustrations.

G. & D.I. MARRIN & SONS, 149 Sandgate Road, Folkestone, Kent. Catalogue 4. Books, Railway, Kent Maps. Catalogue in eight sections, including Railway plans; Kent, and Maps. pp 32, 249 items, 2 illustrations, list of references cited.

LETTERS TO THE EDITOR

Sir

I was wondering if any of your readers could throw any light on the following:

I have a nicely coloured map headed 'Carte des Principales Ports de Mer Bancs de Sable etc. qui sont dans la Mer Rouge Levée par Ordre Expres des Roys de Portugal sous qui on en a fait la decouverte.' It measures 42 x 51 cms and is divided into eleven panels, showing the different ports – Seux, Arequea, Xerme Elcoemata, Quilfit, Suaquem, Gidid, Rio Farat, Mafua et Arquico, Isle de Vera Cruz and Canal ou Detroit d'Abixim, Dradart, Fuchia. There is no maker's or engraver's name, although it does bear the page number 26 at the bottom right.

The British Library have an almost identical,

but uncoloured map – ref. 49110 (6) which, above the centre bottom panel, bears the inscription 'tot Amsterdam by Gerard van Keulen aan de Nieuwen Brugh met Privilegie.' In pencil the date 1720 has been added. However, the intriguing thing is that this map has the bottom left panel blank. On my copy that is of the Island of Vera Cruz and so of the entrance to the Red Sea. Was this omitted by van Keulen as being 'top secret.'? Can anyone name the atlas from which my map was taken?

R.W. Bremner Rua de Quelimane. 5 Carcavelos 2775 Parede, Portugal

Cartographical Curiosities 5



This 'Balance of Trade Plate' with the map of the British Empire shows that even in 1885 our imports were far exceeding our exports. Imports were £390,018,569 and exports £295,967,583. The plate shows the crests of India, Australasia, Canada and Cape Colony and the inscription in the middle claims, 'The Empire on which the sun never sets!' Little did they realise the events of history which were to follow and the extent to which the sun did set! This unusual plate, which is the property of Jonathan Potter, was issued to commemorate Queen Victoria's Jubilee in 1887.



Sir

A call for papers

The Historical Society of Pennsylvania, in cooperation with the Free Library of Philadelphia, the Library Company of Philadelphia, the Philadelphia Maritime Museum and the Philadelphia Museum of Art, will host the XIII Conference on American Prints, October 15-17, 1981. The theme of the conference will be 'Mapping the Americas.' The Program Committee has set few limits as to time or area: proposals for 17th to 20th Century papers will be equally welcome. Papers dealing with such topics as city plans, the traditions of cartouche design, or the training of military map makers will be welcomed providing they focus upon maps as artifacts.

The Committee will receive proposals until September 1979 and will decide shortly thereafter which proposals to accept in order to create a balanced program. Papers should be scholarly and be completed for oral presentation and subsequent publication before the conference meets. Authors will receive honoraria of \$150 but will be responsible for preparing their own slides and illustrations for publication. The proceedings will be published by the Historical Society of Pennsylvania. Please send your proposal and current *vita* to:

Peter J. Parker, Historical Society of Pennsylvania, 1300 Locust Street, Philadelphia, PA 19107.

Sir

In your June issue you illustrated the twin hemispherical world map from Pieter van Alphen's *New Sea Atlas*, collated by Mr. Tooley. It may not be appreciated that in fact this world map is a much older relic with a chequered history.

It was first of all a far finer map engraved by Davidt de Meine And published by Nicolas Geilekerck in 1610: this state is rare. Then in the 1640s the plate came into the hands of Hugo Allard who erased the two largest cartouches, added the partial outline of Australia, and introduced a completely new surround with the portraits of Brahé, Ptolemy, Copernicus and Caesar. At some later stage van Alphen took Allard's plate, inserted his own name, and placed the map in his Sea Atlas otherwise unchanged. In contrast, most of van Alphen's regional maps were as up-to-date as any of the time.

Van Alphen's father-in-law, Jacob Colom, was the author of another world map with very similar borders. And to add further confusion, Koeman (Alph 1) refers to 'a world map by Hondius' in Alphen atlases, perhaps identifying the like world map of 1630 by Henricus Hondius with those by Alphen and/or colom.

Comparison with the original de Meine-Geilekerck map shows the lengths map publishers would go to in order to resurrect old material.

R.W. Shirley Sweetbriar, Long Grove, Seer Green Beaconsfield, Bucks HP9 2QH Scheduled for publication this month, after more than 50 years in preparation, the complete

WITHOUP ORDER

TOOLEY'S DICTIONARY OF MAPMAKERS

Preface by Dr Helen Wallis, Map Librarian, The British Library

The first comprehensive dictionary of cartographers, geographers, engravers, publishers and other persons of all nationalities associated with the production of maps from the earliest times up to the year 1900.

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R V Tooley started work on his dictionary of map makers more than half a century ago. The enormity of the task he faced at the outset would have daunted all but the most resolute in even contemplating such an endeavour. That he completed it, single handed, is a tribute to his amazing energy and devotion to the study of cartography. Over the years he has spent hour after hour in map libraries carefully extracting information from their catalogues. He has personally examined and recorded details from countless numbers of atlases, maps, geographies, travel books, booksellers' catalogues, indeed, anything to do with maps. Starting in 1965 an incomplete series of his listings appeared intermittently in the now discontinued *Map Collectors' Circle*. At last, after a life's work the study is complete. All the data has been collected, checked and supplemented by further research.

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You can order your copy now. Just write your name, address and the words "Dictionary Order" on a post card and send it to Map Collector Publications Ltd, PO Box 53, Church Square, 48 High Street, Tring, Herts, HP23 5BH, England.

NOTICE TO READERS WHO HAVE ALREADY PLACED ORDERS

We regret that there were a few minor delays in printing the Dictionary and apologise for any inconvenience or disappointment this may have caused. However, we are now pleased to report that the work has been completed and that we expect copies to be available for despatch in September.

Sotheby's

Sale by auction Monday 29th October, 1979, at 10.30 am

Atlases and Maps

including

Ortelius, Theatrum Orbis Terrarum, first Plantin edition 1579,
Mercator, Novus Atlas, 1647; Moll, Atlas Minor [c. 1735]; Tirion, Hand-Atlas
[c. 1770]; Jefferys, North-American Pilot for Newfoundland, etc. [1775];
Zatta, Atlante Novissimo, 4 vol., 1785; Robert de Vaugondy, Atlas
universel [after 1792]; Portulano de la America Setentrional, 1809
and other atlases.

Engraved maps and charts of many parts of the world by Andrews,
Blaeu, Bowen, Bryant, Dunn, Faden, Jefferys, Kitchin, Mercator,
Robert de Vaugondy, Rocque, Saxton, Seutter, Speed and many others.
Also included are bound collections of maps, seventeenth-century
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34-35 New Bond Street, London W1A 2AA Telephone: (01) 493 8080 Telex: 24454 SPBLONG Telegrams: Abinitio, London

Collectors' Barometer

A continuous record of important items sold in auction.

Exchange rates used in this report: £1 = 3.9150£1 = 3.93509 May 15-19 May Swfr 18-19 June £1 = 3.56321-22 June £1 = 4.362

US\$ 24 May £1 = 2.053£1 = 10.9524HK \$ 1 June

THIS REGULAR AUCTION SECTION is intended to cover all major auctions of maps and atlases throughout the world. Every effort is made to report auctions as soon as possible although occasional delays may occur in obtaining details of prices realised. The reports include not only maps and conventional atlases but also books whose importance is governed primarily by the maps they contain rather than their other contents.

Lot descriptions for all articles realising £750 or more are reproduced in full. However, the totals at the foot of each auction cover all maps and atlases including those lots which realised less than £750. Prices quoted are 'hammer' prices to which should be added the buyer's premium where applicable. Although auction results are helpful in forming judgements on general price trends over a period, it can be misleading to base any conclusion on the price

realised for an individual lot. Prices for similar items can vary from auction to auction depending on the circumstances of the particular auction and the condition of the item offered for sale. Condition is very important and however well described can only be judged properly by personal examination. The total realised for maps and atlases sold in auction reported in this issue amounted to £839,820.

SOTHEBY'S, LONDON, 30 APRIL-2 MAY, 1979 (PREMIUM 10%)

Cellarius (Andreas) Harmonia Macrocosmica seu Atlas Universalis et Novus, FIRST EDITION, vectord issue, engraved frontispiece, 29 double-page maps showing the cosmographical systems of Ptolem, Tycho Brahe, etc., and the consellations in the forms of classical figures, animals and instruments, a number of maps with short splits in centre fold, some worming, mostly marginal but affecting engraved surface of a few maps and text in places, somewhat browned and stained, frontispiece and first and has few leaves fraved, old stamps on title-page, contemporary vellum boards, gilt, very worn and soiled, preserved in half brown morocco box, large folio, Amsterdam, J. Jansson, 1661. Brown, Astronomical Atlases, Maps & Charts, 1932 p. 40-41

Cortés de Albacar (Martin) Breve compendio de la sphera y de la arte de navegar. FIRST EDITION, title printed in red and black with the arms of Charles V and a woodcut border. woodcut of an astronomer and the author's arms on verso, full-page woodcut map on f. 67 showing the New World, woodcut diagrams in text, 6 with volvelles (those on f. 73 in facsimile), K7 supplied from another copy, tule-page a little soiled and with very Smail note, marginal repair to last earl, some provining and stigni marginal staining, modern black morocco, gilt and blind-tooled in Grolierexque style, g.e., by Randevney & Fils; sold as usual not stabject to return for the possible lack of movable parts folio Seville Annion Alvarez. [55]. The most famous and comprehensive sixteenth century manual of navigation, the English translation of which went through nine editions between 1561 and 1630. The author was a Spanish cosmographer of an ancient Aragon family but little about his life is known. The third part of the work deals with practical navigation and includes rules for the construction and use of cross-staffs, astrolabes and compasses. 'His instructions for making charts and for plotting courses of ships on them were widely followed. Most important of all, he first understood and described the magnetic variation of the compass, suggesting that the magnetic pole and the true pole of the earth were not the same', PMM, Palau 63378; Sabin 16966; JCB I, 163; Houzeau & Lancaster 10697; PMM 76

FORTIFICATION. Fine treatise on fortification 3 FORTIFICATION. Fine treatise on fortification comprising over 140 drawings and tracings by Marshal Charles René Foureroy de Ramecourt (1715-1791) entitled "Memoires de Fortification ou Principes du M⁸¹ de Vauhan developes dans les Manuscrits de M⁷. de Cormontaingne M⁸¹ de Camp. Rediges par M⁷ de Foureroy ...", the drawings well executed in pen-and-ink and (over half of them) in coloured washes, in 3 volumes, the text of about 200 pages written in one scribal hand forming volume one, the drawing well executions of the december the drawings and tracings in two volumes respectively described as "Premiere Partie" and "Seconde Partie", many drawings on tolding plates of various sizes (c. 28 × 31 mches, c. 18 × 80 mches c. 25 × 36 mches), otherwise on single (c. 30) and double pages, one engraved plate (of a map of Luxembourg), contemporary calf. one engraved pane (of a map of accembing), comemplative silightly radbed gilt spine, blue end-papers, red edges, large folio 1780. The present work is apparently unpublished: it is not recorded in the Brinsh Museum Catalogue or in the Dietonnaire de Biographie Française. Foureroy was appointed "Directeur des Fortifications" in 1774, and became a Marshal in 1780. Many of the rawings in the present volumes are after plates appearing in mémoires presented by Vauban, Belidor, and Breval Others, without designation, are presumably after Cormontaingne, as is stated on the title-page. Louis de Cormontaingne a military engineer, was appointed 'directeur des fortifications de Metz' in 1744 where he died a few years later, leaving a wealth of unpublished anuscripts after which most of the present text was written. The drawings show plans, elevations and sections of fortifications at Metz, Landau, Freiburg, Turin, Mont-Royal, Luxembourg, Maubeuge, Sedan, Trarbach and elsewhere

TOTAL MAPS AND ATLASES £12,240 (4 lots)

F. DÖRLING, HAMBURG, MAY, 1979 (PREMIUM 15%)

4 Bertius, P., Theatrum geographiae veteris, 2 Tle, in 1 Bd. Mit 2 gest. Titeln, 2 blattgr. gest. Portr. (Bertius u. Mercator), 48 uberw. doppelblattgr. Kupferstichkarten, 3 Textkupfern, 6 Holzschnittdiagr. und 4 kl. Munzholzschnitten Leiden, Elzevir f. Hondius in Amsterdam 1618–19. Spaterer Carplichte mit region. Ganzidrbd, mit reicher Deckelverg, Fol. (9), Koeman I, Ber I Graesse I, 351, Willems 137: "Recueil précieux et recherche, imprimé avec beaucoup de luxe et de soin." Mit I Weltkarte, 24 Europakarten, 6 Afrikakarten, 12 Asienkarten und I Karte von Palastina. Die Karte "Scheda posterior" bei Koeman nicht verzeichnet. Beide Einbanddeckel gebrochen. I Bl. lose. Einige Notizen von alter Hd.

Homann, J. B., Atlas novus terrarum orbis imperia regna et stus Mit Laftkolor, gest. Titel u. 48 (statt 50) altkolor doppelblattgr. Kuplerstich-Karten Nurnbg., Homann o. J. (ca 1750). Ldr. d. Zt. Fol. (165). Vgl. Phillips I, 539 (allerdings mit 61 Karten). – Enth I Himmels-Karte, I Erdkarte, die 4 Weltteikarten Europa (halb herausgenssen). Asien Afrika, Amerika sowie I Deutschland. I Schweiz-, I Italien-, I Frankreichkarte, Daneben die deutschen Landern wie Bayern, Franker, Westfalen, Niedersachsen u. a. Spanienkarte halb Franken, Westfalen, Niedersachsen u. a. Spanienkarte halb herausgerissen. Die meisten Karten sind an den Randern hinterlegt. Zusatzlich, oben nicht mitgezahlt. I Portugalkarte Abgeschen von einer Beschmutzung d. Rußlandkarte u. d obenangegebenen Mangel schone saubere Abdrucke

6 Homann, J. B., Atlas novus terrarum orbis imperia regna et status. Mit gestoch, altkolor, Titel u. 35 (statt 36) altkolor, doppelblattgr. Kupferstichkarten, Nurnbg., Homanno attkofor, doppenbatgr, Kupierstichkarten, Nurnog, Homanno J, (ca. 1720). Hidr. Fol, (165). Enth Weltkarte, Europa, Asien Afrika, Amerika, Spanien & Portugal, Frankreich, Großbritanien. England, Benelux, Belgien & Luxemburg, Belgien & Holland, Lothringen, Schweiz, Italien, Deutschland Bohmen mit Schlesten, Osterreich, Basern, Franken, Schwaben, Elsaß, Niederrhein, Oberrhein, Niedersachsen, Sachsen & Thuringen, Brandenburg & Pommern, Danemark, Polen u Ostpreußen, Russland, Balkanlander mit Griechenland, Türker HI, Land u. 1 Karte mit e. Weltzeituhr, – Etwas wasserrandig

Homann Erben, Atlas compendiarius. Mit 45 (statt 50) 7 Homain Erber, Atlas compendiarius, Mit 33 (Nate 34), altkolor, Kupferstichkarten, Nurnbg., Homain Erben 1752. Fol (165). Vorhanden: Portugal-Spanien, Groß-Britannien, Benelux (3), Schweiz, Italien (8), Deutschland (22), Osterreich, Bohmen-Mahren, Danemark, Schweden, Polen, Rußland, Ungarn, Turkei, Palastina, Einband u. Titel fehlen, 16 Karten beschad, teilweise starker, die sonstigen Blatter in gutem Zustand.

8 Schenk, P., Le flambeau de la guerre allumee au Rhin Mit gest, kolor, u. illustr. doppelblattgr. Titel, 2 Bl. gest. Titel u Vorwort auf kolor. Grund (doppelblattgr.), 1 gefalt, u. kolor Gesamtkarte (Rheinlauf u. anschließenden Landereien von Bonn bis Busil). Gesamtkarte (Rheinlauf u. anschließenden Landereien von Bonn bis Basel). I mehrfach gefalt. Karte des Rheinlaufs zwischen Neuenburg und Breisach und 36 doppelblgr. kolor. u. gest Teilkarten Amsterdam, P. Schenk (1735). Ldr. d. Zt. 8. (260) Koeman III. Sche 10. Taschenatlas zum polnischen Thronfolgekrieg 1733-35, welcher nach dem Tod Augusts Starken (1733) zwischen dem Kandidaten Rußlands u. Osterreichs, Friedrich August II v. Sachsen (Sohn Aug. d. St.) und dem Kandidaten Frankreichs Stanisl. Leczynski, geführt wurde. Die Teilkarten in schonem alten Kolorit ergeberanzusammengesetzt die Gesamtkarte in einem wesentlich großeren. wurde Die Felikarten in senonem alten Kolotti ergeben zusammengesetzt die Gesamtkarte in einem wesentlich großeren Maßstab und zeigen die Umgebung von Frankfurt, Darmstadt, Kaiserslautern, Heidelberg, Landau, Baden-Baden, Freiburg, Badenweiler etc. Rucken mit Einriß, sonst gut erhalten

Schenk, P., Le flambeau de la guerre allumee au Rhin Mit gest, doppelblattgr, kolor, Titel, 2 gest, doppelblattgr Textbl., 1 gefalt, kolor, Karte, 36 doppelblattgr, kolor, Karten und 1 gefalt, u. gest, Plan vom Rheinlauf (Abschnitt Neuenburgund gefalt. u. gest. Plan vom Rheinlauf (Abschnitt Neuenburg-Breisach und etwas darüber hinaus). Amsterdam, Schenk 1744 Spaterer beriebender Kalbldrbd. (24). Atlas zu den Ereignissen des Polnischen Thronfolgekrieges (1733-38), geführt um die Thronfolge in Polen nach dem Tode Augusts d. Starken. Die Karten zeigen u. a. die Umgebung von Frankfurt, Darmstadt, Kaiserslautern. Heidelberg, Landau, Baden-Baden, Freiburg, Badenweiler u. a. die Karten sind in Sektionen eingeteilt, welche zusammengesetzt das Gebiet des Kriegsschauplatzes ergeben (Rheinpfalz, Lothringen und Baden). Die gefalt, Karte mit kl unbedeutendem Einriß. Schones Exemplar

Die Erdteile von A. Ortelius†Typus Orbis Terrarum The Eratelle von A. Orlettus' Typus Orbis Terrarum's Americae Sive Novi Oriby ...† Asia Nova Descriptio † Funf Blatt Africae Tabula Nova† Europae† Kol. Kupfer um 1570. Mit prachtigen auskol. Kartuschen zahlreichen Seeungeheuern und Schiffen. Breite Rander etwas fleckig. Sonst in leuchtendem Kolorit, Weltkarte gest, von Franz Hogenberg, Blattgr. je ca. 42.5 55 (29)

11 Globensegmente-Globo Terrestre u. Glob Celeste Delineatio Sulle Ultime Osservazioni Con i Viaggi e nuove

scoperte del Cap. Cook Inglese, Grenzkol, Kupfer, Rom 1790 nach G. M. Cassint. 14 Tie komplett. Erd- u. Himmelsgloben mie eingezeichneten Klimazonen. Tierkreiszeichen. Unbed stockfleckig. In dieser Vollstandigkeit sehr selten. 46:29.5 Durchmessr der Segmente 9 cm (100)

TOTAL MAPS AND ATLASES DM 194,610 (412 lots)

SOTHEBY'S, LONDON, 14 MAY, 1979 (PREMIUM 10%)

12 PETTY (Sir WILLIAM) HIBERNIAI DELINEATIO, engraved title with table of contents, engrave portrait by Edwin Sandys, 36 engraved maps, some folding lampstained, half roan, worn; sold as an atlas, not subject to return [Wing P1928]. oblong large folio [1685] £150

TOTAL MAPS AND ATLASES £3420 (8 lots)

HARTUNG & KARL, MÜNCHEN, 15-19 MAY

(PREMIUM 15%)

(PREMIUM 15%)

13 ALTE DRUCKE Ptolemaeus, C. Cosmographia (Ubers v. Jac. Angelus, hrsg. v. Nic. Germanus). Ulm, L. Holle 16. VII. 1482 Gr.-Fol. 57 (st. 70) Bll., 29 (28 dpblgr., st. 32 kolor Holzschnitt-Karten, mit 99 (12 kolor.) Initialen u. Holzschnit-Figur. Pp. mit Schafldr. Rucken d. 16. Jhdts. Hait 13539; BMC II. 538: Proctor 2556: Polain 3282; Sabin 66472 Schreiber 5031; Goff P 1084. – Erste Ausgabe der ersten m Holzschnittkarten gedruckten Atlasses, zugleich erste Druckerzeugnis von L. Holle. Herrliches, sauberes Exemplar m den Karten in prachtigem, frischen Altkolorit, wobe ungewohnlicherweise, die Megre in hellem Braun gehalten sind. Es fehlen die Bll. a. 3. b. h. (w. Bl. 2) und die Karten de Welt, von Spanien und Palastina (= 1, 4 u. 24). Die ersten 3 Bli braunfleckig. 4. u. 5. Bl. wasserrandig. Aus c. eine Initial ausgeschnitten, 14 Karten sehr knapp beschnitten, davon einigemit ganz geringem Bildverlust, mehr die Karten Schweden und mit ganz geringem Bildverlust, mehr die Karten Schweden um Italien (etwa 1-2 cm am unteren Bildverlauf). Vereinz, kl., kaun sichtbare Wurmochlein, dav. 4 etwas großere in 2 Karter unterlegt (Arabien u. Kasp. Meer). Letzt. Karte auch alseinzige mit kl. Flecken im Unterrand u. gebraunt. Mehr Karten im Bug minimal bruchig od. wurmstichig, die Karten Libyen u Kleinasien im ob. Nug unterlegt, an letzterer Karte am linker Rand Einschnitt. 2 Bll. locker, die Karten "Magna Germania" und Schweden lose. Einband etw. wurmstichig u. bestoßen

DM 41,000 Schedel, H. Liber chronicarum Nbg., Koberger, 1493

14 Schedel, H. Liber chronicarum Nbg., Koberger, 1493 Gr.-Fol, 20 unn., 298 (st. 299)., 5 (st. 7) unn. Bl. mit ca. 1800 Holzschn, v. M. Wohlgemut u. W. Pleydenwurff u. 1 Initiale ir Rot u. Lila, Holzdeckelhd, Anfang d. 17, Jhdts, mit blindgepr Schweinsldrbez., Eckbeschl, aus Messing, 2 Schl. (Schließbande fehlen), Hann 14308; BMC II, 437; Goff S 307; Schreiber S205. Erste latein. Ausgabe, die ca. ½ Jahr vor d. dt. Erstausgaberschen. Durchweg ansprechendes Expl., die Holzschn, in kraftigen Abdrucken Zusatzl. zu den 3 leeren num. Bll. 259-26 sind 5 weitere eingebdn., die lt. hs. Eintrag auf Bl. 258 verso, dat 1577/78 v. Casp. Weinberger aus Rottenegg (Bay. ?) mit eine zusatzl, hs. Chronik verschen sind, die die Ereignisse bis zum J 1577/78 v. Casp. Weinberger aus Rottenegg (Bay. ?) mit eine zusätzl. hs. Chronik verschen sind, die die Ereignisse bis zum 1566 beschreiben, darunter Reformationsstreitigkeiten, Bericht über Straftaten, histor. Ereignisse etc. – Es fehlen Bl. 299, die le 2 unn. Bll. am Schluß mit d. gr. Karte v. Mitteleuropa, ferner fehl d. le. w. Bl. nach d. Anhang "De Sarmacia". Zahlr. Marginaliet v. alter Hd., einige Bll. mit Flecken, ausgebesserten Fehlstellen meist in Fußsteg, sowie kl. Bruchstellen, jedoch ohne Text-bzw Bildverlust. 5 Holzschn. kolor. Die Weltkarte (Bll. XII/XIII angefalzt. Ca. 50 Bll. and, außeren ob. Ecke durch Mäusefra leicht beschad. Tit. ob. u. unten Fehlstellen angesetzt Druckvermerk ausgeschn. u. auf Bl. 298 verso aufgeklebt. Vors im 19. Jhdt. erneuert. Gelenke mit I. wd. verstarkt. 1 Eckbeschi auf d. Ruckdeckel fehlt. Vord. Gelenk oben ca. 5 cm eingerissen.

auf d. Rückdeckel fehlt. Vord. Gelenk oben ca. 5 cm eingeris: DM 27,00

15 GEOGRAPHIE. Aa, Pieter van der. La galeir agreable du monde, où l'on voit ... les empires, roiaumes republiques, provinces ... dans les quatresparties de l'univers divisee en LXVI tomes. Daraus 2 Tle. in 1 Bd.: Danemarc Norvegue & Moscovie. Leiden, Van der Aa, ca. 1729. Fol. Ti mit gest. Vign., 12 SS., 43 (st. 44) dpblgr. Kupfertaf.; Tit. mi gest. Vign., 14 SS., 44 (st. 50) dpblgr. Kupfertaf. Hldr. d. Zt. DC 1, 59; Brunet II, 1453; Fauser I, XXI; Bachmann, Alt Stadtebilder S. 12. – Seltenes Werk, ..., eine Art Sammelbecken

in das die Produktion vieler niederland. Verlage einmundet Karten, Plane u. Ansichten v. Jansson, de Wit, Blaeu, Visscher u. a. " (Fauser). Es soll nur eine Auflage von 100 Stuck hergestellt worden sein. Wahrscheinl, hat der Verleger die Abzuge jeweils beim Besitzer der Platten bestellt. – Vorliegender Bd. enth. zahlr Karten d. skandinavischen Lander sowie von Polen, Preussen u a., außerdem mit kl. Ansichten, meist aus d. Vogelschau, von Husum, Hadersleben, Itzehoe, Glückstadt, Lübeck, Krempe. Kiel, Rendsburg, Elbing u. a. Mit großformatigen Ansichten v Bergen, Stockholm, Krakau (2), Moskau (2), Novgorod u. v. a. Ohne die Taf. 6 in Tl. 2. 5 Taf. mit Einrissen im Bug. 3 Taf. im Rand etwas eingerissen u. nur voreinzelt leicht fleckig. Einbd. stark beschabt

AMERIKA. - (Abelin, J.Ph., pseud.:) J.L. Gottfried Newe Welt Vnd Americanische Historien. 3 Tle. in 1 Bd. Ffm. Merian, 1655. Fol. Kupftit., 3 Bl., 657 (st. 661) SS., 1 Bl., mit ca 170 Kupfern, 3 gefalt. Kupferkarten, 1 gr. gefalt. Kupfertaf. Grun Pgt. d. Zt. (Bindebander fehlen). DG 1, 2591; Sabin 50. – Enthalt Beschreibungen v. Nord-u. Sudamerika, über d. Sitten u Brauche, Landschaft, Tiere u. a., im anderen Tl. über Schiffbau Schiffahrt sowie Entdeckung mehrerer bisher unbekannter Lander. – Ktn. u. Taf. liegen lose bei, leicht beschad. Einige Textbll. mit Einrissen. Tit. entfernten Besitzvermerken, leicht beschad. Etwas gebraunt. Oberes Kapit. beschad. (Ausriß ohne Textverlust)

ASIEN. - Kaempfer, E. Amoenitatum exoticarum

physico-medicarum fasc. V, quibus continentur variae relationes. observationes & descriptiones rerum Persicarum & ulterioris Asiae ... Lemgo, Meyer, 1712. 4º. Gest. Front., 9 Bll., 912 SS., 16 Bll. mit gest. Titvign., 62 (54 ganzs.) Kupf. u. 12 (8 ganzs.) Holzschn., 16 gef. Kupftaf. v. V. W. Brandshagen, Ldr. d. Zt. mit Rucken- u. Innenkantenverg. Brunet III, 637: "Ouvrage curieux. fort recherche et peu commun"; Ebert 11294; "Gesucht u. nicht haufig"; Mueller, Kaffee etc. 116; Arents, Tobacco III, Nissen 1018: Pritzel 4564: Schwab 1291 – Erste Ausgabe d. einzigen v Kaempfer selbst hrsg. Werkes; d. ubrigen erschienen erst nach v Tode. "K. war ohne Zweifel einer d. gelehrtesten u. geistig bedeutendsten Männer s. Zt., der Humboldt d. 17 Jhdts." (ADB XV, 62 ff.). "An Ehrlichkeit u. wissenschaft. Strenge ist K schlechthin nicht zu übertreffen ... Alle, ausnahmslos alle Bucher über Japan bis über d. Mitte d. 19. Jhdts. hinaus speisen sich, mit "ohne Namensnennung, in starkstem Masse aus Kampfer" (K. Meier-Lemgo, E. Kaempfer, Stgt. 1937). K. war d. erste europ. Forschungsreisende in Japan; Tl. 5 d. vorl. Werkes beham delt d. japan. Flora u. enth. 32 ausgez. blgr. Pflanzenkupf. Die ubringen Illustr. zeigen Baku, dessen Erdolquellen K. als Erster erwähnt. Gebrauche, Tiere, Gebaude u. Altertumer (darunter Persepolis) u. v. a. - Tit. rucks. mit Bibl.-Stempel (durchschlagend) u. Exlibris. Etwas stockfl. u. leicht gebraunt, jedoch im ganzen schones Expl. Leicht berieben.

DM 3200

ATLANTEN. - (Atlas rossijskoj). St. Petersburg 1745 Imp.-Fol. Mit 41 tls. kolor. u. grenzkolor. dpblgr. Kupferktn Ldr. d. Zt. Enthalt Detailkarten des russischen Reiches überwiegend russ. Kartographen u. in russischer Sprache, ausserdem 5 Karten v. Mortier u. 1 Karte v. Homann. – Schones, fast fleckenfreies Expl. Berieben u. bestoßen

DM 3600

(Blaeu, W. Novus atlas, d. i. Abb. u. Beschreibg, v allen Landern d. Erdreichs. Gantz vernewt u. verb. Tl. 1 Amst. Blaeu. 1635). Fol. (Titel fehlt). Mit 142 (st. 155) meist dpblgr Kupferstichkarten u. 6 zusatzl. eingebd., tls. grenzkolor., t ankolor, dpblgr. u. tls. gef. Kupferktn, Pgt. d. Zt. Koeman Bl.

the first volume of the first (preliminary) two-volume atlas by Blaeu ..." - Enth. Ktn. v. Großbritannien (5), Ungarn, Polen. Rumanien, Deutschland (ca. 40), Schweiz (4), Benelux (ca viele Ktn. v. Frankreich, Italien, Spanien, Amerika, 3 Erdteilktn. u. a. Zusatzl eingebd. 9 Ktn. aus d. 17. Jhdt. v. Agypten. Livland, e. Übersichtskte, d. Donaulaufes b. z. ostl. Mittelmeer (J. Sandrat), Furstentum Bremen u. Verden, Henneberg (Hondius), Buchen u. Fulda (J. Walther), Erfurt (N. Perlon) u. Ungarn (W. Pfann – mit gr. Bildverlust in d. ob. Ecken). – Ohne die Weltkte., die Europakte.. Ktn. v. Luneburg. Schleswig-Holst.. Elbstrom, Westfalen (nur die rechte Halfte mit Fehlstelle unten vorh.). Alemannia, Wiflisburg, Holland. Utrecht. Lothringen, Lyon u. Florida (nur die re. Halfte vorh.) Erdteilktn, mit Bildverlust am oberen Rand (kl. Stadtansichten?) bis z. Einfassungslinie d. Ktn. 5 Karten mit Einrissen, meist im Bug, mehrere mit farb, Unterstreichnungen, Die Ktn. v. Moskau, Osnabruck u. Nurnberger Gebiet mit ausgeschnitt. Kartuschen Vereinzelt etwas fleckig. Im ob. Rand etwas wasserfl. Einbd

Homann, J.B. Kleiner Atlas Scholasticus ... Nbg. 20 – Homann, J.B. Kleiner Atlas Scholasticus ... Nog.: Lzg, Gleditsch u. Merseburg, Hubner, ca. 1712. Gr.-Fol. Gest kolor. Tit. (Atlas novus...). Drucktit., 25 (st. 26) kolor. Dpblgr Kupferstichktn. Biegsam. Ldr. d. Zt. Weltkarte. die vier Erdteile, Schweiz, Italien, Deutschland, Österreich, Bayern, Schwaben, Niedersachsen, Danemark, Schweden, Niederlande u. a. Die Karten insehr schonem Altkolorit, - Es fehlt Nr. 24 (Ungarn). Meist sehr gut erhalten, ledigl. im Bug u. a. den außersten Randern kleinere Einrisse, Kupfertit lose. Ldi Umschl. vom Buchblock gelost, starker beschabt

(BENELUX) - Baudart, W. Polemographia Auraicq-Belgica, 2 Tle. in 1 Bd. Amsterdam, Colin, 1622, Ou.-4 Kupfertit., 2 Bll., Wappenholzschn., 454; 382 SS. mit. 285 Kupferstichen, 5 Bll. Schweinsldr, d. Zt. mit Blindpr, auf den Deckeln (Wappen v. Sachsen u. Brandenburg vom Meister HZ) Graesse I. 311: Ebert 1765; vgl. Bibl. Belgiea I. S. 200 ff. – Erste latein. Ausgabe dieser Gechichte des niederlandischen Freiheitskampfes gegen die Spanier unter Fuhrung der Fürsten

von Oranien u. Nassau. Die Kupfer zeigen Portrats von Statthahern u. Feldherren, die Hinrichtung der Grafen Egmont u. Horn, Plunderungen, Verhaftungen Schlachtenszenen u. Belagerungen sowie Stadplane u. Ansichten darunter Antwerpen, Middelburg, Luttich, Maastricht, Amsterdam, Brussel, Brugge, Gent, Delft, Ostende u. die Stadte Bonn, Julich, Mulhem/Ruhr, Neuß Rheinberg, Ruhrort, Werl Wesel u. a. - Es fehlen 2 Bll. zwischen den Tln. mit Einrissen im unt. w. Rand. Vom Vortit, fehlt die rechte ob Kupfer 135 einigen Kritzeleien. Etwas finger-fleckig Vord, Gelenk oben eingerissen. Ecken etwas bestoßen den Buchbinder siche Haebler, Rollen- u. Plattenstempel Bd. II.

22 - (Guicciardini, L.), Omnium Belgii sive inferioris Germaniae ... descriptio, Amst., Janssonius, 1613), Fol. 5 (st. 6, Tit. fehlt) Bll. mit 1 Wappenkupfer, 315 SS., 5 (st. 6) Bll., 1 dpblgr. gest. Ktc., 90 (st. 98, falsch 100) meist dpblgr tls, kolor gest, Tal. Hldr. mit Rsch. Brunet II, 1806; Graesse III, 179; Frauser I, S. XLVI. - Erste latein. Übersetzung des Regnier Frauser I, S. XLVI. – Erste latent. Obersetzung der Regile. Vitellius. "La traduction latine … contient des additions importantes qui la redent preferable au texte original". (Brunet) Die Kupfer mit mehr. Landktn. u. prachtigen Ansichten meist aus der Vogelschau von Aachen, Amsterdam, Antwerpen, Brussel, Brugge, Den Haag, Dunkirchen (mit gr. Fehlstelle in d Bildmitte), Emden, Gent, Gouda, Groningen, Haarlem, Leiden Luxemburg, Middelburg, Ostende, Namur, Rotterdam, Utrecht u. v. a. Im Vordergrund oft figurl. Staffagen in Braun/Hogenberg'scher Manier. – Ohne die Ans. Antw. (Templ B. Virginis u. Domus Hansae). Bercizoma (= Bergen op Zoom), Limburg, Amst. (Templ. B. Virginis). Arx Britannica. Briel zur Halfte u. Lochem. Die Tal. 3, 7, 99 u. 100 mit Ausriß in d. re. unt Ecke (ohne Bildverlust). Eine Taf. mit geklebt. Einriß. Die Taf 15, 19, 29, 43, 53, 62, 64, 65, 70, 71,95 u. 99 kolor. Text tls. stark gebraunt. Die Taf, meist in gutem Zustand, Vorderdeckel lose Einbd, berieben u. bestoßen

Merian. - Zeiller. Topographia Germaniae Inferioris 23 – Merian, – Zettler, Topographia Germaniae Interfors d. i. Beschreibung, u. Abbildung d. Vornehmsten Statten ... in d XVII Niederlandischen Provintien ... Ffm., Merian, ca. 1680 Fol. Kupfertit., SS. 3–282, 10 Bll. 12 dpblgr. Kupferktn., 108 meist dpblgr., tls. gef. Kupfertaf mit 160 Ansichten u. Planen Pp. d. 19 Jhdts. Wuthrich 67: Schuehhardt 680 - Nachdruck der zweiten Ausgabe v. 1659 (EA 1654), die Kupfer jedoch in guten. z. Tl. kraftigen Abdrucken. Zusatzlich eingebunden 5 Faltkupfer mit Ansichten v. Brussel (Gesamtans, u. Rathaus), Grave Ersturmung d. Walle v. Antwerpen u. Ermordung d. Gf. v Nassau, Pz. v. Oramen. - Sehr schones, sauberes Expl

24 (Braun, G. u. F. Hogenberg). Beschreibung vnd Contrafactur der vornehmbster Stat der Welt, Tl. 1–4 in 2 Bdn (Koln 1582–90). Gr.-Fol. Mit 3(st. 4) kolor. Kuplertit., u. 235 (st 236) kolor, dpblgr. Kupfertaf, Hldr. d. Zt. Zweite deutsche Ausgabe der Kolner Kosmographie, die über ein Jahrhundert den Markt beherrschte. Die Kupfer mit Ansichten u. Planen der wichtigsten Stucke der Welt wurden von Hogenberg u. Simon van den Noevel gestochen, z. Tl. nach Zeichnungen v. G. Hoefnagel u. C. Chaymox, 67 Taf. von Deutschland, 60 Taf. v. d. Benelux Landern, 23 Taf. v. Frankreich, 8 Taf. von Großbritannien, 4 Taf. Skandinavien, 32 Taf. v. Italien, 16 Taf. v. Spanien u. Portugal etc. Große (doppelblattgr.) Ansichten v. Amsterdam, Augsburg etc. Große (doppelblattgr.) Ansichten v. Amsterdam, Augsburg, Avignon, Basel. Breslau, Brugge. Brussel. Canterburg (2) Damaskus. Danzig, Emden, Frankfurt a.M., Gendt, Gorlitz, Granada, Grodno, Groningen, Hamburg, Jerusalem (4), Innsbruck, Kempten, Kiel, Koln, Konstantinopel, Landshut, La Rochelle, London, Luttich, Luxemburg, Lyon, Maastricht, Magdeburg, Mailand, Mantua, Marseille, Meissen, Metz, Minden, Moskau, Munchen, Neapel, Nijmwegen, Nurnberg, Paris, Passau, Rom (5), Rotterdam, Salzburg, Schleswig, Trient, Tunis, Utrecht Venedie, Weimar, Wilna, Zurich u. v., a., sowie Tunis, Utrecht, Venedig, Weimar, Wilna, Zurich u. v. a., sowie kleinere Ansichten v. Barcelona, Bonn, Boppart, Braunschweig, Bremen, Brixen, Bruhl, Budapest, Colmar, Dortmund, Dresden Duisberg, Eger, Emmerich, Eschwege, Essen, Flensburg Freising, Florenz, Fulda, Genua, Hamburg, Heidelberg, Husum Ingolstadt, Kassel, Kleve, Koblenz, Komgsberg, Konstanz Kopenhagen, Leipzig, Lindau, Lissabon, Lubeck, Luneburg Mainz, Marburg, Mexiko, Munchen, Munster, Neuß, Nurnberg Oberwesel, Osnabruck, Oxford, Prag. Rendsburg, Regensburg Riga, Rostock, Rothenburg, Rotterdam, Salzburg, Soest, Speyer, St. Gallen, Stockholm (2), Trier, Tubingen, Ulm, Verona (2), Wesel, Wien, Windsor, Wismar, Worms, Wurzburg u. v. a. Mit geflickten Einrissen am unteren weißen Rand bei Lissabon, London, Norwich u. Tubingen; Hamburg (gr. Blatt). an unterer Bugfalte eingerissen, Lindau in Bildmitte mit dunner Stelle, dabei minimaler Bildverust. Insgesamt jedoch sehr schones, wenig fleckiges Expl. Die Kupfertafeln in schonem u sauberem Altkolorit Berieben

(FRANKREICH) Merian. - Zeiller, M. Frankreich 13 Tle. in 5 Bdn. Um 1680. Mit Kupftit. u. 326 meist deblgr Kupftaf, Pp. (Tl. 1) u. Hpgt. d. Zt. Wuthrich 77; Sch. 84-96. — Zweite Ausgabe. Nach den Reg. zu den einzelnen Bdn. befindet sich jeweils der Bericht an den Buchbinder (Kupferverzeichnis) der je aus einem großen Druckbogen ausgeschnitten und aufgeklebt wurde. In Tl. 3 fehlt das Kupf, mit Melun und Meaux. dafur ist in Tl. 2 das im Reg. nicht verz. Kupf. mit Capelle und Calais zusätzlich enthalten. – Mit hs. Besitzvermerken (A. Merian Pfr.) Stellenweise,leicht fleckig, im allg, gut erhalten

Newe Archontologia Cosmica, D. i. Beschreibung aller Kavserthumben, Konigreichen und Republicken der gantzen Welt. Ffm., Hoffmann, 1646, Fol. Kupfertit, Tit. mit gest. Vign., 20 unn. Bll., 760 SS., 12 unn. Bll., 70 ils. gef. od dpblgr. Kupfertaf. u. 32 dpblgr. Kupferktn. v. M. Merian Blindgepr. Schweinsldrbd. d. Zt. (Bindebdr. Jehlen). Graesse - Zweite deutsche Ausgabe. - Geschatzt wegen der



schonen Ansichten u. Karten von M. Merian Unter den Ansichten Amsterdam, Antwerpen, Augnon, Budapest, Florenz, Genua, Kopenhagen, Konstantinopel, London, Lyon, Metz, Moskau, Neapel, Paris, Rom, Sevillau, Venedig, Karten v Afrika, Amerika, Belgien, China, Danemark, Deutschland, England, Frankreich, Italien, Schweiz u. a. Die Ansicht v. Paris mit 2 gr. hinterlegt Fehlstellen u. stark knitterfaltig. Einige knapp beschnitten u. teilw. im Stand etwas ausgefranst. Mehr Taf. mit kl. hinterlegt. Einrissen. Etwas fingerfleckig. Test etwas gebraunt. Teilw. leicht stockfleckig

(ITALIEN) Zeiller, M. Itinerarium Italiae (11/Clerk) – Zeiner, M. Hinerarium Itanae novantiquae: Oder Raiß-Beschreibung durch Italien. Ffm., Merian, 1640. Fol. Mit 5 dpblgr. Kupfktn. u. 38 (2 mehrf. gefalt.) dpblgr. Kupftaf. Ldr. d. Zt. Schuchhard, Merian nach Nr. 102. -Ausgabe. Der Bd. wird oft zu Merians Topographien gerechnet, gehort aber nicht dazu. – Text durchwegs gebraunt, die auf besseres Papier gedruckten Taf, im allg, sauber. Sie zeigen auch die Schweizer Stadte Plurs, Lugano und Bellinzona. Die Ans. v. Rom v. Venedig sind übergröß u. mehrf, gefaltet, Venedig mit mehr Knitterfalten. Einbd. beschadt u. bestoßen, Rucken schadhaft

Merian - Zeiller, M. Topographien, Frankfurt/M., M. Merian, 1643 ff. Folio. Meist Pgt. d. Zt. "Die Meriansche Topographie ist das Schonste Vollkommenste, was in dieser Hinsicht geleister worden ist, ein Werk, durch welches der Meister sich und dem deutschen Volke ein bleibendes Denkmal gesetzt hat" (Schuchardt), - Wir bieten das geschätzte Werk in der ersten Ausgabe an, nur der Italien-Bd. in 2. Ausg. Alle Bande in vorzuglicher Druckqualität u. auf gutem Papier. Von wenigen Flecken abgesehen sehr sauber

- Schwaben, 1643, Mit Anhang 1654, Mit 3 dpblgr. Kupferkarten u. 59 meist deblgr. Kupftaf mit 103 Ansichten. Pgt. Wuhrich 9 u. 10: Sch. 22 A u. 23 A. – Erste Ausgaben. Vorzugliche Drucke in exzellenter Erhaltung auf kraftigem, weißem Papier. Die Ansicht von Schw. Hall mit kl. Loch, der Anhang minimal stockfleckig

Elsaß, 1644, Mit Anhang 1654, Mit gest, Titvign., 2 dpblgr. Kupferkarten u. 39 (28 dpblgr.) Kupfertal, mit 55 Ansichten u Planen, Pgt. d. Zt. mit Rucken- u. Deckelverg. Wuthrich 13; Sch. 26 A u. 27 A. – Erste Ausgabe. Schones, nur wenig gebrauntes, bzw. stockfleckiges Exemplar mit den 3 zusatzlichen Kupfertafeln mit Ansichten von Landtskron-Danbach, Ammerweyer und Rappoltsweyer; 2 weitere Kupfertaf. (Sulzbach und Hohingen-Sulz) gehoren zum Anhang. – Die Karte Elsaß mit Breisgau etwas knapp beschnitten. In tadellosem, frischen Einband

Rheinpfalz mit Zuegab. 1645 und Anhang. 1654. Mit Kupftit., 3 Kupferkarten u. 62 (st. 61) meist dpblgr. Kupftaf. mit 101 Ansichten. Pgt. Wuthrich 22 u. 23; Sch. 30 A u. 31 A. - Erste Ausgaben. Auf gutem Papier, mit vorzuglichen Abdrucken der Kupfer. Enth. zusatzlich die Ansicht von Kreuznach aus dem

DM 26,000

Mainz, Trier, Koln. 1646. Mit Anhang 1654, Mit Kupftit., 3 dobler. Kupferkarten u. 41 (st. 40) meist dobler, bezw. mehrf gef, Kupftat, mit 68 Ansichten, Pgt, Wuthrich 26 u. 27; Sch. 34 A u. 35 A. – Erste Ausgaben, Enth, zusatzlich die schone, dpblgr. Ansicht von Koln aus Merians Theatrum Europaeum Vorzugliche Drucke in exzellenter Erhaltung auf kräfigem, weißem Papier. Nur die Ans. v. Koblenz minimal stockfleckig

DM 24 000

Hessen, 1646, Mit Anhang 1655, Mit Kupftit., 3 Kupferkarten u. 60 meist dpblgr. Kupftaf mit 121 Ansichten. Pgt. d. Zt. mit Blprsg. Wuthrich 31 u. 32; Sch. 45 A u. 46 A. – Erste Ausgaben s fehlt die Taf, mit den Ans. v. Homberg a. Ohm und Eichen. dafur zusätzlich enthalten die schone Gesamtansicht von Frankfurt aus dem Theatrum Europaeum, - Schones Expl. mit vorzuglichen Abdrucken der Kupfer. Der Einband verkurzt (Beibd, entnommen)

Westfalen, 1647, Mit Kupftit., dpblgr. Kupferkarte u. 50 meist dpblgr, Kupftat mit 86 Ansichten, Pgt. d. Zt. Blprsg, Wuthrich 35; Sch. 49 A. – Erste Ausgabe, Fleckenloses Expl. auf gutem Papier, in vorzuglichen Drucken. Die übergroßen Ansichten v Luttich u. Spa am re. Rand knapp beschnitten, auf den blgi Tafeln mit den Ansichten von Haselunen. Kloppenburg: Lippe aderborn (Grundriß), Roerort, Tongern Werden Salzuffe Wilshausen Werle, Bockhem Bureck Fredeburg, Dietfolt Dulmen, Buren, Haltern/Teuenfort, Lingen mehr od weniger starker Abklatsch des gegenüberstehenden Textes

Franken 1648 Mit Anhang 1656 Mit Kupftit , I Kupferkarte u. 43 meist dpblgr. Kupftaf. mit 48 Ansichten. Pgt. Wuthrich 37 u

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38; Sch. 40 A u. 41 A. - Erste Ausgaben. - Schönes Expl. mit vorzüglichen Abdrucken der Kupfer

Österreich, 1649, Mit Anhang, 1656, absonderl, Beschr Windhaag Reichenau Horn etc., 1656 und Topographia Windhagiana, 1656. Mit Kupftit., 11 Kupferkarten u. 128 meist dpblgr., teils mehrf. gefalt. Kupftaf. mit ca. 190 Ansichten. Pgt d. Zt. mit Blprsg. Wuthrich 42a, 43b, 43c u. 68; Sch. 1 A, 6 l u. 10 II. - Erste Ausgabe mit allen Nachtragen, absolut vollstandig. Vorzugliche Abdrucke der Kupfer. Der auß Schnitt durch Moder teils beschadigt, jedoch ohne Flecken. Diese Beschadigung beschrankt sich fast ganz auf den weißen Rand. lediglich besonders breite und nicht eingeschlagene Kupfer sind mitunter bis an die Einfassug beschadigt, die folgenden Ansichten mit Verlust einiger mm seitlich: Graz, Kagenfurt, Friesach,

Bohmen, Mahren, Schleisen. 1650. Mit gest. Tit., 3 dpblgr. Kupferkarten u. 34 meist dpblgr. (2 mehrf. gef.) Kupftaf, mit 35 Ansichten. – II. Bayern. 1634. Mit Anhang. 1656. Mit gest. Tit., 3 dpblgr. Kupferkarten u: 60 (st. 58) meist dpblgr. Kupftaf, mit 97 Ansichten. – Pgt. d. Zt. mit Blprsg. Wuthrich 48, 17 u. 18: Sch. 14 A. 18 A. u. 19 A. – Erste Ausgaben. Auf gutem Papier mit vorzuglichen Abdrucken der Kupfer. Der Bayernteil enthalt zusatzlich 2 sehr schone Ansichten: Munchen und Landshut aus dem Theatrum Europaeum. - Der kraftige u. stabile Einband im vord. Gelenk leicht bruchig.

DM 30,000

Brandenburg, Pommern, Preußen, Pommerellen, Livland, 652, Mit Kupftit., 4 Kupferkarten u. 71 (st. 70) meist dpblgr, teils mehrf, gefalt, Kupftaf, mit 102 Ansichten, Pgt. d. Zt. mit Blyrsg. Wuthrich 54; Sch. 60 A. – Erste Ausgabe, Auf schonem Papier mit vorzüglichen Abdrucken der Kupfer. Enth. zusitzlich 1 dpblgr. Kupf.: Schwed. Schanz auf d. Weichsel

DM 19,500

 Niedersachsen, 1653. Mit Kupftit., 3 Kupferkarten u. 36 meist dpblgr. Kupftaf. mit 53 Ansichten, Pgt. d. Zt. mit Blprsg Wuthrich 57; Sch. 51 A. — Erste Ausgabe. Vurzugliche Gesamterhaltung, tadellose Abrucke der Kunfer

- Braunschweig und Luneburg, 1654, Mit Kupftit., 3 Kupferarten u. 131 meist dpblgr. teils mehrf. gefalt. Kupftaf. mit 224 Ansichten. Pgt. d. Zt. mit Blprsg. Wuthrich 60; Sch. 54 A. – Erste Ausgabe. Es fehlt ein Kupf. mit den Ansichten v. Haselfelde u Herhausen, dafür ist ein Kupfer zusätzlich enthalten: Halen a. d. Weser. – Sauber und mit vorzuglichen Abdrucken der Kupfer Außenschnitt teils einige mm schadhaft durch Moder, einzelne der extrem breiten Stiche dadurch bis an die Einfassung getroffen, nirgends jedoch das Bild.

Obersachsen, 1650, Mit Kupftit., 5 dpblgr, Kupferkarten u. 56 meist dpblgr., teils mehrf. gefalt. Kupftaf mit 82 Ansichten. Pgt d. Zt. mit Blprsg. Wuthrich 62; Sch. 58 A. – Erste Ausgabe. Mit vorzüglichen Abdrucken der Kupfer. Sehr gut erhalten.

 Topographia Italiae. Mit Anhang. 1688 (= nach 1700). Mit Kupftit., 8 dpblgr. Kupferkarten u. 45 meist dpblgr. (2 mehrf. gefalt.) Kupftaf. Hpgt. d. Zt. Wuthrich 83; Sch. 100 B. – Zweite Ausgabe. Die Kupf, teils auf kraftigem, teils auf dunnem Papier Die Taf. Vesuv alt auf Lwd. aufgezogen, Pisa unten knapp angeschnitten, Venedig Markuspl, stellenw, braunfl. Kupftit, mit hs Besitzvermerk.

SCHLESWIG-HOLSTEIN. Danckwerth. C. Newe SCHLESWIG-HOLSTEIN. Danckwertn. C. Newe Landesbeschreibg. d. zwey Hertzogthumer Schleswich u Holstein. Husum, Petersen, 1652. Gr.-Fol. Kupfertit., 4 Bil., 301 SS., 1 Bil., 40 dpblgr. gest. Ktn. u. Plaine v. J. Mejer. Pgt. d. Zt (Bindebdi, fehlen). Der erste große Atlas von Schleswig-Holstein in e. kplt. Expl. Enth.: Große Weltkte. (Orbis vetus). Deutschland, Skandinaviem eine große Ansicht v. Hamburg aud. Vogelschau (im Bug durchgerissen), zahlr. Detailktn (Flensburg, Sonderbug, Kiel, Rendsburg u. v. a.), Grundrisse v Kiel, Rendsburg, Itzehoe, Bordesholm u. a. – Etwas 5 Ktn. im Bug unten mit kl. Einrissen, Ktn. u. Text unterschiedlich gebraunt u. stockfleckig, Taf. 5-7, 21, 32 u. 39 im seitl. Rand bis z Bildrand ausgefranst, einige Taf, unten etwas wasserfleckig. Bindung anfangs gelockert. Einbd. etwas fleckig. Rucken oben u

30 BAYERN. Ertl. A. W. Des Chur-Bayerischen Atlantis Erster (u. Zweyter) Theil. D. i.: Eine Grundrichtige, histor Abb. aller in dem ... Chur-Hertzogthum Ober-u, Nieder-Bayern. Auch in der Obern Pfaltz ligenden ... Stadten, Marckt (Collegiat-Stifften, Abteyen ...), 2 Tle. mit Anh. in 1 Bd. Nbg., Bleuel, 1705. 8°, Gest. Portr., Tit. (re. Halfte fehlt), 8 Bll. (le. w.), 366 (falsch 374, SS. 285-296 bei Pag. uberspr.) SS., 1 Bl. (Bericht 366 (falsch 374, SS, 285-296 bei Pag, uberspr.) SS., 1 Bl. (Bericht a, d. Buchb.), 62 (st. 67, 1 gef.) Kupfertaf.; Gest. Frontisp., gest Portr., 4 Bl., 320 (st. 324 SS, 131/32 u. 141/42 fehlen), gest Front., Tit., 80 (67 num.) Bll. Anh., 75 (st. 80) Kupfertaf Blindgepr. Schweinsldr, d. Zt., 1 (st. 2) Schl. In Tl. 1 fehlen von den wichtigen Tafeln die gefalt. Ansichten mit d. Marienplatz u der Residenz in Munchen, Abach, Kemnat u. Vilshofen. außerdem das Frontisp., die beiden Karten u. die Entfernungstab. Mit kl. Ausriß bzw. Bildverlust die Ans. Dingolfing, Grafenau, Ingolstadt Plan (fehlt die rechte Hälfte), Landsberg u. Regensburg, Passau mit großerem Fleck. In Tl. 2 fehlen Altomunster, Altenhohenau u. Attl. Die Ansicht v. Alersbach mit kl. Ausriß, ausserdem fehlt der Titel; das Portr-u Frontisp, mit kl. Ausrissen. – Insgesamt leicht fleckig, einige Blätter geflickt. Einbd. berieben u. fleckig, Rucken oben defekt

31 – Merian, M. – Zeiller, M. Topographia Franconiae, d i. Beschreibung Vnd Eygentl. Contrafactur der Vornembsten Statte Vnd Platze des Franckenlandes. Ffm., M. Merian, ca

1700. Fol. Kupftit., SS. 3–118, 6 Bll., 1 dpblgr. Kupferkarte, 43 meist dpblgr. Kupfertaf. Hlwd. d. 19, Jhdts. Wuthrich 41; Sch. 44 Die Kupfer in unterschiedlicher Druckqualitat. Sauber und

DEKORATIVE GRAPHIK. Ansichten Deutschland Koln. – Panorama von Coeln. Kolor. Stahlst. v. Rudolf nach F Bamberger. Ffm., Jugel, ca. 1840. Schm.-Gr.-Qu.-Fol. Außerst dekorative Ansicht mit viel. Schiffen u. reicher figurl. Staffage Sauber u. frisch im Altkolorit. – Der sehr breite re. Rand bis ca. 2 cm zum Bildrand fleckig.

DM 4300

33 DEKORATIVE GRAPHIK. Ansichten Ausland ITALIEN. Bozen. Gesamtansicht a. d. Vogelschau. Kupferst nach F. B. Werner. Augsb., Wolff Erben. ca. 1730. 39, 6: 114 cm Oben u. unten bis über d. Plattenrd. beschnitten. Knickfalten

SCHWEIZ. Zurich. Panorama de Zurich prise de l' eglise de St. Pierre, Kolor, Aquatinta v. R. Dikenmann, Zurich, Dikenmann, ca. 1830. Schm.-Qu.-Fol. Reicht vom Lindenhof bis rum Hotel Baur. Außerst detailliert ausgeführtes Blatt in

Mercator, G. u. H. Hondius. Atlas ou representation du monde universel et des parties d'icelui ... 2 Bde. Amst., Hondius, monde universeted des parties diceiui ... 2 Bde. Armst. Hondius, 1633 Gr.-Fol. Mit 1 (st. 2) kolor. Kupfertit. 1 dphlgr. kolor Kupfertaf. u. 239 dphlgr. kolor. Kupferktn. Ldr. d. 18. Jhdts. mit 2 farb. Rsch. Vgl. Koeman II, Me 36 A, B u. C; Nat. Maritime Museum III, 125. – Mercators großer Atlas mit den staffage- u. kartuschenreichen Karten von Hondius u. Janssonius. a large number of new maps have been added, making necessary for the first time a division of the work in two volumes. This stage of the atlas is also important in that it marked the entrcartographer Jan Jansson into the series" (Nat. Marit. Mus., III, Vorliegendes Expl. mit Kennzeichen der von der Ausgabe 125). – Vorliegendes Expl. mil Kennzeichen der von der Ausgabe 36 A gering abweichenden Ausgaben B u. C. (Siehe Koeman). Enthalt u. a. die in 36 A nicht vorh. Karte "Zype, Beemstre. Purmer ..." sowie die Karte "Brabantiae pars Septentrionalis Amstelodami" anstelle der Karte "van 't Scheldt ende Santvliet" – Der umfangreiche Atlas wird eingeleitet durch eine gr. Tafel mit den Portrats von Mercator u. Hondius, dann folgen eine Weltkarte, eine Polkte. "8 Erdteilkarten, ca. 40 Deutschlandktin. Skarten Afrikhusen Amstilk (11) Branken (26) Ernsteanh Welfkarfe, eine Polkte., 8 Erdfeilkarfen, ea. 40 Deutschlandkin., 5 Karfen v. Afrika, von Amerika (11), Benelux (26), Frankreich (a. 47), Italien (ea. 20), Schweiz (6), Osterreich (2), Irland (5), Schottland (4), England (8), Danemark (4), mehrere Kin, v. Spanien u. Portugal, Karfen von Japan, Ceylon, China, Skandinavien u.v.a. – 17 Karfen mit vereinzelt großeren Einrissen im Bug. 3 Kin, mit kl. Fehistellen im w. Rand, Kin, 17, 82, 89, 90, 123, 126, 131 u. 132 (Nummern nach Koeman) im Bug. teilw, wenige cm zusammengeklebt u. dadurch teilw, mit geringen Beschadigungen u. winzigen Lochern. Wenige Taf mit Einrisse im w. Rand, 2 Bll. mit geklebten kl. Einrissen. Karten 25 109 u. 145 knapp, tls. bis gerng in den Bildrand hinein ichnitten. – Im Ganzen schones, kaum fleckiges Expl., die Karten einschließlich der Wappen u. Kartuschen in farbentrohem

DM 65,000

TOTAL MAPS AND ATLASES DM 789,325 (254 lots)

CHRISTIE'S, LONDON, 16 MAY, 1979. (PREMIUM 10%)

RERUM PER 36 BARLAEUS (CASPAR): RERUM PER OCTENNIUM IN BRASILIA ET ALIBI NUPER GESTARUM. SUB PRAEFECTURA ... COMITIS I MAURITII, NASSOVIAE... HISTORIA, title with hand-(CASPAR): coloured engraved vignette (lacks portrait of Maurice of Nassau) 25 double-page maps and 31 double-page plates, 2 large and folding, all HAND-COI OURED, many by FRANS JANSZ POST (some browning and spotting of all maps and plates, mainly in margins, 3 plates severley affected; occasional tears at folds, in margins. 5 paies severies ajjectea, occasionai tears at joias, repaired, and some small marginal tears: text incomplete; all plates and maps detached), original gilt panelled vellum (wanting ties, upper joint cracked) [Borba de Moraes pp. 65-66; Sabin 3408 giving only 24 maps and 30 plates; not in Palaul, folio [445 × 285mm.], Amsterdam, J. Blaeu 1647, sold not subject to return

COOK (Capt. JAMES): [First Voyage] AN ACCOUNT E VOYAGES ... FOR MAKING DISCOVERIES IN OF THE VOYAGES. OF THE VOLTAGES ... TO MAKE MAKES WORTH. THE SOUTHERN HEMISPHERE. edited J. Hawkesworth. [second edition], 3 vols. with the additional preface to the second edition, 52 engraved charts and plates, many folding (occasional small tears in folding charts, one plate damp-stained, one torn; very occasional minor marginal foxing), contemporary calf, gilt, red morocco labels on spines (joints cracked, slightly rubbed) [Mitchell Bibliogrpahy 650], 4to, 1773. (3).

CORONELLI (VINCENZO MARIA): ISOLARIO DESCRITTIONE GEOGRAFICO-HISTORICA, sacro-profana, antico-moderna... di tutte l'Isole... e in supplimento del XIV volumi del Blaeu, tomo II dell'Atlante Veneto. 2 vols., engraved frontispicce, half title and title to each vol., 52 engraved double-page maps and plans, 3 single page projected globe maps, 36 single page maps and plans, 16 views and plates, including two double-page, 8 full page portraits, 34 half-page maps and views, including 4 on one double-page, 123 smaller maps, views and plans, including 9 on one double-plate (vol. I lacks last two leaves of index, with third leaf of index fraved and slightly defective, maps of Greece fraved and repaired in lower margin affecting print area one view of Venice torn and repaired; first five leaves fraved and stained in outer margins; Vol. II first six leves including first map severely stained, mainly in outer margin; minor soiling and stair through both volumes), contemporary stained pigskin, folio [500 × 380mm.] Venice, a spese dell'autore, 1696-97; sold as an atlas

not subject to return. This is the second part of the Atlante Veneto which the first two volumes were published in 1690fi91, the Isolario, here offered is however described separately in the Catalogue of the National Maritime Museum Library vol. III, no 37, listing many fewer maps and views, than are present in copy. The maps and plates of the first volume are almost entirely of Italy, Greece, and the Mediterranean Islands, while the second volume has maps of Great Britain, Germany, Holland, China and India, Pacific Islands (including a small map of New Zealand as discovered by Tasman) and parts of America. The armorial shield in the title of the first volume has been left blank

(ANTONIUS): FLANDRIA ILLUSTRATA, 3 vols., titles with engraved vignettes, title to vol. I printed in red and black (title to vol. II detached; all with old signatures), 90 engraved portraits, 17 engraved maps, mostly double-page and folding and 139 engraved plates, including 25 double-page or folding and many with two one one leaf. 10 engravings in the text (one plate detached in vol. II; minor damp-staining affecting lower margins in vol. III), old mottled calf, gilt (sides rubbed and torn; spines defective), folio, The Hague, C. Van

40 BLAEU (JAN): [ATLAS MAIOR SIVE COSMOGRAPHIA BLAVIANA], vol. 9 [only]. HISPANIA and AFRICA. 2 parts in one vol., Latin text, engraved title to first part, 2 printed titles with vignettes, dedication, engraved frontispiece to second part, 7 double-page engraved plates of the Escorial, 3 folding and 34 double-page engraved maps with cartouches sincluding 19 of Spain, 2 of Portugal and the Azores, 11 of Africa and 1 of Malta, on guards throughout (titles and some leaves washed; one plate of the Escortal and 2 leaves of text with marginal tears repaired, map of Guinea laid-down), original gilt-panelled vellum with new ties, gilt corner pieces and central arabesques enclosing Blaeu's device on sides, sine panelled with 8 compartments, g.e. [Koeman 56, vol. 9], folio [560 × 350mm.], Amsterdam, J. Blaeu, 1662

41 JOHNSON (J.): AN HISTORICAL AND DESCRIPTIVE ACCOUNT OF ANTIGUA, list of Estates and Governors, additional lithographed title, engraved folding map of Antique, laid down on linen, coloured by hand, 2 additional hand coloured maps and 7 fine coloured aquatint plates (lithographed title, one leaf of text and one plate with minor marginal foxing), contemporary red half morocco with red morocco label on upper cover (corners rubbed), oblong folio [468 × 580mm.], for the author, 1830. Abbey Travel 678 records the map and 5 of the plates as having appeared in Johnson's 'Views in the West Indies [1827-9]. The two additional views here of 'Old North Sound. Antigua from Freemans' and 'from Mount Joy' engraved by E. Duncan do not appear to be listed by Abbey or Tooley. This appears to be a separate unrecorded work

TOTAL MAPS AND ATLASES £30,477 (29 lots)

SOTHEBY'S, LONDON, 21-22 MAY, 1979 (PREMIUM 10%)

42 CAMDEN (WILLIAM) BRITANNIA TRANSLATED INTO ENGLISH ... BY FDMUND GIBSON 2 vol., second edition of this translation, titles printed in red and black, engraved portrait by White, 48 (of 51) double-page engraved maps by Robert Morden, 10 plates, engravings and woodcuts in text, 5 maps with borders cut into, modern buckram; sold not subject to return, folio, 1722

TOTAL MAPS AND ATLASES £2685 (8 lots)

SWANN GALERIES, INC, NEW YORK, 24 MAY, 1979 (NO PREMIUM)

NEW HAVEN: PLAN OF, Large copperplate map showing in detail every structure in the then compact town. Included under an ornate dedication is 'A Short Geographical Description of New Haven,' 2912x38 inches; linen-backed and recently remounted to stiff linen; some minor tears and chipping repaired; lightly soiled. New Haven: A. Doolittle, Oct. 28, 1817 polittle, who surveyed, engraved, and published this large map states that 'the buildings in this plan are marked differently from what is customary. Instead of giving the ground-plot, it is thought u would be more pleasing to have the elevation of the front. In doing this care has been taken, not only to exhibit the proportions of each building but likewise the exact number of its doors and windo

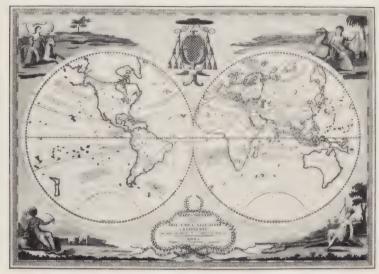
TOTAL MAPS AND ATLASES US\$15,928 (131 lots)

LAMMERT BROTHERS, HONG KONG, 1 JUNE, 1979 (NO PREMIUM)

44 STAUNTON, Sir George, AN AUTHENTIC ACCOUNT OF AN EMBASSY FROM THE KING OF GREAT BRITAIN TO THE EMPEROR OF CHINA, including cursory observations made, and information obtained through that ancient empire, and a small part of Chinese Tartary Together with a relation of The Voyage Undertaken On The Occasion by his Majesty's ship 'Lion', and the ship 'Hindostan', in the East India Company's service, to the Yellow Sea, and Gulf of pekin; as well as of their return to Europe ... Taken chiefts from the papers of His Excellency the FARL OF MACARINEY. London, 1797, G. Nicol, FIRST FDITION. In two volumes, plus Folio of plates. RARE! Complete sets including the folio in fine and complete form are seldom offered. Folio contains 42 plates. the scenic views all from William Alexander (26 full page plates plus 2 double-page); a large folding map by John Barrow.

continued on page 61

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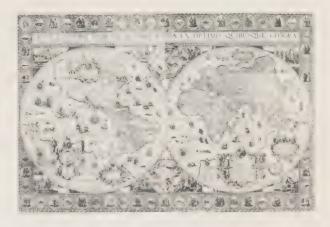
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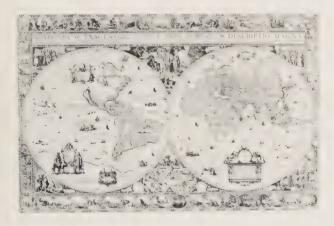
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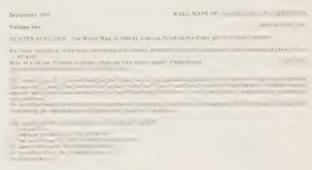
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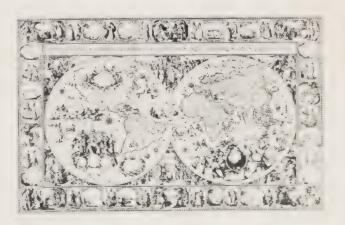
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A number of atlases are collated in each issue to form with the rest of The Map Collector, an unending part-work encyclopaedia on the history of cartography

ATLAS BRITANNIQUE, 1766.

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8 A Modern MAP of/BUCKINGHAM/SHIRE,/ Drawn from the latest/ Surveys,/ Corrected & Improved/ by the best Authorities./ W. Palmer Sculp. // Printed for Carington Bowles in S.t Pauls Church Yard, for Rob.t Sayer in Fleet Street. 252 x 195mm

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11 A Modern MAP of/ CORNWALL,/ Drawn from an/ Actual Survey;/ By/ DE LA ROCHETTE. // [inset]: SUPPLEMENT/ for the Isles OF SCILLY. // Printed for Rob.^t Sayer in Fleet Street, & Carington Bowles in S.t Pauls Church Yard. 207 x 246mm. inset: 57 x 147mm 12 A Modern MAP of/ CUMBERLAND/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities./ J. Ellis Sculp.^t // Printed for Carington Bowles in S.^t Pauls Church Yard, & Rob. Sayer in Fleet Street. 249 x 193mm

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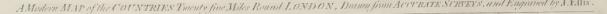
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16 A Modern MAP of/ DORSET SHIRE,/ Drawn from the/ latest Surveys;/ Corrected and Improved/ by the best Authorities./ J. Ellis Sculp. // Printed for Carington Bowles in St Pauls Church Yard, & Rob.t Sayer in Fleet Street. 191 x 244mm

17 A/ Modern MAP of/ DURHAM./ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities. // Printed for Rob.t Sayer in Fleet Street, & Carington Bowles in S.t Pauls





A map from the Atlas Britannique showing an area twenty-five miles round London.

Church Yard. 191 x 244mm

18 A/ Modern MAP of/ ESSEX,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities./ J. Ellis Sculp.¹// Printed for Carington Bowles in S.¹ Pauls Church Yard, & Rob.¹ Sayer in Fleet Street. 192 x 252mm

19 A Modern MAP of/ GLOCESTER/ SHIRE,/
Drawn from the latest Surveys;/ Corrected &
Improved by the best/ Authorities.// Printed for
Rob.[†] Sayer in Fleet Street, & Carington Bowles
in S.[†] Pauls Church Yard. 194 x 253mm

20 A Modern MAP of/ HAMP SHIRE,/ Drawn from the/ latest Surveys/ Corrected & Improved/ by the best/ Authorities.// Printed for Carington Bowles in S[‡] Pauls Church Yard, & Rob[‡] Sayer in Fleet Street. 190 x 249mm

21 A Modern MAP of/ the ISLE of/ WIGHT,/
Drawn from the/ latest Surveys;/ Corrected &
Improved/ by the best Authorities.// Printed for
Rob.[†] Sayer in Fleet Street, & Carington Bowles
in S.[†] Pauls Church Yard. 194 x 254mm

22 A Modern MAP of/ HARTFORD-/ SHIRE,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities./ J. Ellis Sculp.[‡] // Printed for Carington Bowles in S[‡] Pauls Church Yard, & Rob.[‡] Sayer in Fleet Street. 192 x

23 A Modern MAP of/ HEREFORD/ SHIRE,/ Drawn from the latest/ Surveys;/ Corrected & Improved/ by the best Authorities/ W. Palmer Sculp. // Printed for Rob[†] Sayer in Fleet Street, & Carington Bowles in S[‡] Pauls Church Yard. 250 x 192mm

24 A Modern MAP of/ HUNTINGDON/ SHIRE,/ Drawn from the latest/ Surveys;/ Corrected & Improved/ by the best Authorities/ W. Palmer Sculp. // Printed for Carington Bowles in St. Pauls Church Yard, & Rob! Sayer in Fleet Street. 251 x 190mm

25 A Modern MAP of/ KENT,/ Drawn from the/latest Surveys;/ Corrected & Improved/ by the best Authorities./ W. Palmer Sculp. // Printed for Rob. Sayer in Fleet Street, & Carington Bowles in St Pauls Church Yard. 193 x 239mm

26 A Modern MAP of LANCASHIRE, Drawn from the latest Surveys; Corrected & Improved/by the best Authorities. J. Ellis Sculp. Printed for Carington Bowles in St. Pauls Church Yard, & Rob. Sayer in Fleet Street. 238 x

27 A/ Modern MAP of/ LEICESTER-/ SHIRE,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities./ J. Ellis Sculp.[†] // Printed for Rob.[†] Sayer in Fleet Street, & Carington Bowles in S.[†] Pauls Church Yard. 197 x 245mm

28 A Modern MAP of/ LINCOLN-/ SHIRE,/ Drawn from the latest Surveys;/ Corrected & Improved/ from the best Authorities./ J. Ellis Sculp!// Printed for Carington Bowles in S!

Pauls Church Yard, & Rob! Sayer in Fleet Street 252 x 193mm

29 A Modern MAP of/ MIDDLESEX,/ Drawn from the/latest Surveys;/ Corrected & Improv'd, by the best Authorities.// Printed for Rob.¹ Saye in Fleet Street, & Carington Bowles in S¹ Pauls Church Yard. 193 x 251mm

30 A Modern MAP of/ MONMOUTH-/ SHIRE, Drawn from the ~/ latest Surveys;/ Corrected & Improved/ by § best Authorities.// Printed for Carington Bowles in S. Pauls Church Yard, & Rob. Sayer in Fleet Street. 249 x 191mm

31 A/ Modern MAP of/ NORFOLK,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities.// Printed for Rob! Sayer in Fleet Street, & Carington Bowles in S! Pauls Church Yard. 194 x 254mm

32 A Modern MAP of/ NORTHAMPTON/ SHIRE,/Drawn from the/ latest Surveys, Corrected & Improved/ by the best Authorities. J. Ellis Sculp.// Printed for Carington Bowles in S.^t Pauls Church Yard, & Rob.^t Sayer in Flee Street. 251 x 190mm

33 A Modern MAP of/ NORTHUM-BERLAND,/ Drawn from the/ latest Surveys; Corrected & Improved/ by the best Authorities. J. Ellis Sculp.[‡]// Printed for Rob.[‡] Sayer in Flee Street, & Carington Bowles in S.[‡] Pauls Church

34 A Modern MAP of/ NOTTINGHAM-

Yard. 245 x 193mm

SHIRE,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities.// J. Ellis Sculp.[†]// Printed for Carington Bowles in S[‡]. Pauls Church Yard, & Rob[‡]. Sayer in Fleet Street. 250 x 192mm

35 A Modern MAP of/ OXFORD-/ SHIRE,/ Drawn from the latest Surveys;/ Corrected & Improved/ by the best Authorities.// J. Ellis Sculp.// Printed for Rob.[†] Sayer in Fleet Street, & Carington Bowles in S.[‡] Pauls Church Yard. 244 x 185mm

36 RUTLAND-/ SHIRE,/ Divided into its/ HUNDREDS:/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities./ J. Ellis Sculp.[†]// Printed for Carington Bowles in S.† Pauls Church Yard, & Rob.† Sayer in Fleet Street. 245 x 192mm

37 A/ Modern MAP of/ SHROPSHIRE,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities./[—]/J. Ellis Sculp.[†]// Printed for Rob.[†] Sayer in Fleet Street, & Carington Bowles in S.[†] Pauls Church Yard. 245 x 192mm

38 A Modern MAP of/ SOMERSET/ SHIRE,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities.// Printed for Carington Bowles in S.[‡] Pauls Church Yard, & Rob.[‡] Sayer in Fleet Street. 193 x 251mm

39 A/ Modern MAP of/ STAFFORD-/ SHIRE,/
Drawn from the/ latest Surveys;/ Corrected &
Improved/ by the best Authorities./ J. Ellis Sculp.^t
// Printed for Rob.^t Sayer in Fleet Street, &
Carington Bowles in S.^t Pauls Church Yard. 254

40 A Modern MAP of/ SUFFOLK,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities./ J. Ellis Sculp.// Printed for Rob.[†] Sayer in Fleet Street, & Carington Bowles in S.[†] Pauls Church Yard. 192 x 250mm

41 A Modern MAP of/ SURREY,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by \$\foating\$ best Authorities./ J. Ellis Sculp.\(^t/\)/ Printed for Rob.\(^t\) Sayer in Fleet Street, & Carington Bowles in S.\(^t\) Pauls Church Yard. 195 x 252mm

42 A Modern MAP of/ SUSSEX,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities./ J. Ellis Sculp.[†]// Printed for Carington Bowles in S.[†] Pauls Church Yard, & Rob.[†] Sayer in Fleet Street, 192 x 245mm

43 A Modern MAP of/ WARWICK/ SHIRE/ Drawn from the latest/ Surveys;/ Corrected & Improved/ by the best Authorities./ W Palmer Sculp.// Printed for Rob! Sayer in Fleet Steet, & Carington bowles in S! Pauls Church Yard. 245 x 186mm

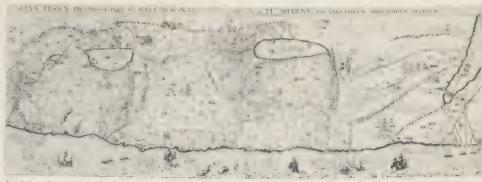
44 A Modern MAP of/ WESTMORE-/ LAND,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities./ J. Ellis Sculp.[†] // Printed for Carington Bowles in S[†] Pauls Church Yard, & Rob.[†] Sayer in Fleet Street. 192 x 250mm

45 A Modern MAP of/ WILT SHIRE,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best/ Authorities.// W. Fowler Sculp.[†] // Printed for Rob. [‡] Sayer in Fleet Street, & Carington Bowles in S. [‡] Pauls Churchyard. 252 x 189mm

46 A Modern MAP of/ WORCESTER/ SHIRE./ drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities.// W. Fowler Sculp! // Printed for Carington Bowles in S. Pauls Churchyard, & Rob! Sayer in Fleet Street. 250 x 191mm

47 A/ Modern MAP of/ YORKSHIRE,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ from the best Authorities./ J. Ellis Sculp[†]. // Printed for Rob. Sayer in Fleet Street, & Carington Bowles in S. Pauls Church Yard. 192 x 253mm

48 The/ EAST RIDING/ of/ YORKSHIRE,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities./ J. Ellis Sculp.[†] // Printed for Carington Bowles in S.†



Adrichon's eastward orientated map of the Holy Land.

Pauls Churchyard, & Rob! Sayer in Fleet Street. 257 x 192mm

49 A Modern MAP of/ the NORTH RIDING of/ YORKSHIRE,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities./ J. Ellis Sculp.[†]// Printed for Rob.[†] Sayer in Fleet Street, & Carrington Bowles in S.[†] Pauls Church Yard. 191 x 242mm

50 A Modern MAP of the/ WEST RIDING/ -of-/ YORK SHIRE,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities.// Printed for Rob.[†] Sayer in Fleet Street, & Carington Bowles in S.[‡] Pauls Church Yard. 195 x 245mm

51 A Modern MAP of/ NORTH/ WALES,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities/ W. Palmer Sculp.// Printed for Rob.[†] Sayer in Fleet Street, & Carington Bowles in S.[†] Pauls Church Yard. 193 x 252mm

52 A Modern MAP of/ SOUTH WALES./ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities./[—]// Printed for Carington Bowles in S.[‡] Pauls Church Yard, & Rob.[‡] Sayer in Fleet Street. 196 x 252mm

(77) ROYAUME/ D'IRLANDE./ Pour M. BONNE, Ing! Hydrographe/ de la Marine:// André sculp. 341 x 273mm

54 A Modern MAP or CHART of/THE ISLANDS OF/ GUERNSEY SARK &c./ Drawn from the latest Surveys;/ Corrected & Improved/ by the best Authorities. 230 x 196mm// A Modern MAP or CHART &/ THE ISLANDS OF/ ALDERNEY and BORHOU,/ Drawn from the/ latest Surveys;/ Corrected & Improved/ by the best Authorities. 230 x 196mm// Printed for Carington Bowles in S.[‡]. Pauls Church Yard, & Rob.[‡] Sayer in Fleet Street.

THE THEATRE OF THE HOLY LAND by Christiaan Adrichom (1593).

Adrichom was a Dutchman, born in Delft in 1533. He was a student of biblical geography and is perhaps best known for this work *Theatrum Terrae Sanctae* which was published for the first time in latin by Birckmann at Köln. There were twelve maps prepared as illustration for this first scientific book on historical geography of the Holy Land. Adrichom died in Köln in 1590.

The full title of this work is: Theatrum/Terrae Sanctae/et/Biblicarum Historiarum/cum tabulis geographicis/ aere expres sis./
Auctore, Christiano/Adrichomio, Delpho./--CID. ID. LXXXIX. 295 x 201mm.

1 Situs Terrae Promissionis SS Bibliorum Intelligentiam Exacte Aperiens: Per Christianum Adrichomium Delphym. 350 x 980mm (two sheets joined)

2 Tribus Aser/ id est, portio illa Terrae Sanctae/quae Tribui Aser in divisione/ regionis attributa fuit. 220 x 392mm

3 Tribus Ephraim,/ Beniamin, et, Dan,/ iste videlicet Terrae/quae Sanctae tractus, qui/ in regionis partitione istis tribus tribulus datus est. 380 x 460mm

4 Tribus Gad/ nempe, ea Terrae Sancte pars,



The engraved title-page of Adrichom's *Theatre*

quae/obtigit in partitione regionis tribui Gad. 235 x 435mm

5 Tribus Zabulon,/ Isachar, et, Di=/midia Manasse/ altera, hoc est, illae Terrae Sanctae/ regiones, quas iste tribus in distri=/buendo pos sidendas acceperunt. 360 x 398mm

6 Tribus Iuda/id est, pars illa Terrae Sanctae, /quam in ingressu Tribus Iuda/consecuta fuit. 360 x 395mm

7 Dimidia Tribus Manasse/hoc est, ea Terrae Sanctae pars, quam Manassae/ dimidia tribus in regionis dimiSione obtinuit. 224 x 430mm

8 Tribus Neptalim/videlicet, ea Terrae Sanctae pars, quam/ in divisione regionis tribus Neptalim accepit. 208 x 306mm

9 Pharan desertum, et/continia eius cum parte Aegypti, ea vi=/delicet terrae regio, in qua filij Israel post/exitum de Aegypto, triginta octo annis/vagati Sunt antequam terram promissam/ingredentur. 343 x 490mm

10 Tribus Ruben/ hoc est, ea Terrae Sanctae regio, que /in dividendo tribui Rubē assignata est. 225 x 460mm

11 Tribus Simeon / nempe ea Terrae portie, quam/ tribus Simeon in ingres su nacta fuit. 178 x 364mm

12 Ierusalem, et Suburbia eius, Sicut tempore Christi floruit, cum locis, inquibus Christ, passus est: quae religiose à Christianis obs eruata, etiā nū Venerationi habentur. descripta per Christianum Adrichom Delphum. 510 x 740mm (two sheets joined)

Colophon;

Coloniae Agrippinae /In Officina Birckmannica, Sumptibus / Arnoldi Mylij, Anno CID, ID, XCIII



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UNITED STATES. MITCHELL, 1835; 54 x 69" on original roller; some warping Please

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WAGHENAER, L J. THE selection of sea charts is from the rare French 1605 edition of Spieghel Der Zeevaerdt. All are decorative with strapwork cartouches, compass roses, sailing ships, fish, monsters, etc. as well as mariners' information. With the have wide margins and are in good to fine

(1) EUROPE, 1592. THE general map of Europe, comprehending Iceland and the North Cape to North Africa. The interior of each country is embellished with its royal coat-ofand there are numerous compass roses. This chart is substatially larger than the rest and has, as usual, been cropped by the binder on all margins; the western edge, as far as the size of the atlas will permit, has been supplied in MS. This plate is different from that

(4) ... DE ZEE CUSTEN Van Vlanderen, en Picardien ..., 1584 Nieuwpoort to Dieppe, also the Kentish coast with the cinque ports. This chart contains one of the largest and most decorative strapwork cartouches to have been drawn on a folio map of this period. £500 (16) DIE ZEE CAERTE Van Portugal tuschen Camino en Montego. northern Portugese coast, including Oporto

single folio sheet containing three woodcut maps, and an engraved map of Terceira in the Azores by Pieter van den Keere in his miniature Speed style. (19.2) THE BARE CHART of the southern Irish coast by Barentsoon, engraved by Pieter van den Keere, 1588 (Tooley, p.93). A very decorative map, and a splendid black copy in exceptional condition. ZEE CUSTEN VAN Engelandt. tuschen Pleijmouth ende Porthlandt ... 1583
The coasts of S. Devon and Dorset, including Plymouth. Exeter, and Weymouth. £850 (23) ... DOVERE END ORFORDTS nesse , n.d. The Thames Estuary from Deal to Gravesend and Tilbury to Orfords Ness (27.2) THE CHART OF the North Cape by Peter van den Keere which was made for the later editions of Waghenaer from 1596. This comprehends the whole of northern Scandinavia, and is a very decorative map, the land being covered with vignettes of hunting. It is illustrated in Tooley's Maps and Mapmakers, 1949, plate 103. (31) ... NOORT-OOSTEN
SORTERENDE onder eendeels onder Sweden 1583. The S.W coast of Sweden around Goteborg, with the NOORT-OOSTEN northern tip of Denmark (32) ZEE CAERTE VANDE Sondt tvermaerste van Denemarcken also tlandt aen beyde zuden int wesen ende gedaente is, 1585. S.W. Sweden and Zeeland, centred upon Copenhagen. ... DE GROOTEN INHAM vande Rygsche zee, ..., c1589. The Gulf of Riga, including the city. £350 £350 (42) CAERTE VANDEN BELTE ..., c1589 The Belt, Flemsburg to Randers, with (44) ... VAN JUTLANDT ... VAN alle de Jutische Eylanden ..., c1589. The west coast

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SCOTI AND-ARGYLLSHIRE. SCHENK and Valk c.1710 Lorna, Knapdalia, Cantire Jura, Ila, Glota et Buthe Insulae. A fine map of the islands off the south-west coast and including Loch Lomond. Dunbarton and the area which is now Glasgow Fine original colour. 21 x 171,4 ins. £78 IRELAND-CORK. G Collins, 1759. The Mount and Page issue of c.1785 A New and Correct Chart of the Harbour of Corke by the Revd. J. Lindsay An extremely fine chart with rococo cartouches containing the title and dedication. Coastal profile above the lower border Soundings, anchorages and shoals clearly marked Fine 20½ x 17¼ ins Map Collectors Series No. 58. SCOTLAND-ORKNEY ISLANDS. Collins, c.1738 The Islands of Orkne Title upon a ribbon at top centre Dedication to Georg Prince of Denmark which contains the Royal Arms, fish, armaments, flags and Neptune with a line of fish. Short historical note upon a drapery panel Fine 22 x 171/4 ins Map Collectors Series No. 58. Item 38 £79 Collectors Series No 58 Item 38

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J. SENEX, SCANDINAVIA. Scandinavia and its confines ... Sweden. Norway &c. A very fine and detailed map showing numerous place names, rivers, lakes, etc. Denmark, Finland the Baltic States and parts of Poland and Russia are included. Title cartouche surrounded by military accoutrements, two male figures and three coats of arms. Original outline colour. Fine 11/2 x 19 ins

WORLD. T. BOWEN, c.1777. The World, including the late discoveries, by Captⁿ. Cook and other Circumnavigators. A clearly engraved map in two hemispheres showing the tracks of Cook and Anson. Title at upper centre and a map of the north polar regions at lower centre, the whole being encircled by a floral rococo design incorporating garlands

WORLD, J.N. BELLIN, 1748. Essay d'une Carte reduite contenant les parties connuees du Globe Terrestre. A finely engraved map clearly showing how little was known to the north and west of California and the confusion in the joining of New Guinea with northern Australia. Title within a delicate roccoc cartouche. Fine compass rose. 27½ x 19¾4

MIDDLE EAST, J. SENEX, c.1720. A Map of Turky, Arabia and Persia ... Revised by I. Senex. An extremely clear and detailed map including much of southern Europe, north Africa and Tartary. The decorative title-piece incorporates two martial standing figures. Previously issued by D'Lisle, the map contains numerous informative notes. Original outline colour. Minor repair to fold otherwise fine. 221/

x 18½ ins. £155
ITALY. H. FAVIOLIUM, 1585. Italiae
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(FRANCE) CARTE DU Pais \$1500 Champaigne. Damien de Templeux. From

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GGRECE) DESCRITTIONE
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a remarkable advance over previous maps. It
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in their respective atlases. Shows Greece, the
Aegean and neighbouring Asia Minor.
Accompanied by the rate broadside index
sheet entitled I nomi Latini, 1560, originally
published to accompany the original issue of
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Collectors' Barometer continued from page 49

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50 NICHOLS (JOHN) THE HISTORY AND ANTIQUITIES OF THE COUNTY OF LEICESTER, 4 vol. in 8, double-page engraved map and 529 portraits, maps and plates (one damaged at the fore-margin), engraving of a bull inserted, engraved illustrations in the text, some foxing and offsetting, early nineteenth century sprinkled calf, gilt, labels, one cover detached, some hinges weak, folio, 1795-1815

PURCHAS (SAMUEL) PURCHAS HIS PILGRIMS. FIRST EDITION, 1625; PURCHAS HIS PILGRIMAGE, fourth edition, issue with added dedication to King Charles, 1626, together 5 vol. (the complete set of the Pilgrimes'), 88 engraved maps by Hondius, Elstracke and others, 24 duplicated, 7 folding, the others smaller maps in the text, additional engraved title in vol. 1, engraved and woodcut illustrations, with the final colophon leaf in vol. 11, a few text maps a little shaved, a few minor repaired tears and other marginal repairs, nineteenth century tan morocco, title in gilt on spines, g.e. [STC 20509 & 20508.5; Sabin 66682-86], folio. 1625-26

52 SAINT-NON (*Abbé* R. DE) VOYAGE PITTORESQUE OU DESCRIPTION DES ROYAUMES DE NAPLES ET DE SICILE, 4 vol. in 5, FIRST EDITION, engraved title-vignettes, 4 after Fragonard, dedication leaf in vol. 1, 14 maps, 8 double-page, and 274 plates including a mezzotint, 140 to a page, 114 illustrations and culs-de-lampe in the text including a full-page view of Vesuvius and the 26 illustrations of vases printed in red and black, half-titles, without the 14 extra plates of medals and the unnumbered phallus plate CONTEMPORARY FRENCH RED MOROCCO, gil ornaments in panels of spine, 2 frame borders on covers enclosing 2 nterlacing geometrical line-borders with octagonal cornerpieces Botfield arms at centre, g.e., head and foot of spine of vol. In chipped, head and foot of spines of other volumes rubbed [Cohen de-Ricci 928-30 'bel ouvrage']. folio Paris, 1781-86.

(HARTMANN) CHRONICARUM, FIRST EDITION, 324 leaves (of 326, with the final blank but lacking ff. 15 & 298), 64 lines, partly in double-column, gothic letter, over 2,500 woodcut illustrations (including repeats), some double-page, by Wohlgemuth and Pleydenwurff including a large double-page map of Europe, the 5 unnumbered leaves 'De Sarmacia' and the final blank bound between ff. 266 & 267, ff. 259-261 blank except for headline and foliation, tear in lower blank margin of f.266, small hole in f. 255, inner margins of last few leaves waterstained, first few leaves a little soiled and marginally frayed, occasional minor staining and spotting, seventeenth century calf, probably Cambridge, gilt ornaments in panels of spine, 2 blindstamped dentelle borders on covers, inner one with decorative cornerpieces, enclosing gilt arms of Sir Lewis Tresham with 25 quarterings, hinges cracked and worn, corners worn, new endpapers [HC 14508*; BMC II, 437: Goff S307], folio. Nuremberg, Anton Koberger, 12 July 1493. ** Sir Lewis Tresham (created a Baronet in 1611, died 1639) was the brother of Francis Tresham, the conspirator and betrayer of the

SLOANE (Sir HANS) A VOYAGE TO THE DS MADERA, BARBADOS, NIEVES, S ISLANDS MADERA. BARBADOS. NIEVES. S CHRISTOPHERS AND JAMAICA, with the natural history of the ... last of those islands, 2 vol. (not uniform). FIRST EDITION, double-page and folding engraved map and 277 double-page plates only (of 285, lacks plaes V-XI of the first series) mostly by van der Gucht after Kickius, with the final errata leaf in vol. I, text and plates mounted on guards in vol. I, short tear in last plate in vol. II, vol. I contemporary calf, gilt, engraved, armorial bookplate of Viscount Weymouth, vol. II contemporary sprinkled calf, gilt, head and foot of spine and corners chipped, engraved calf, gilt, head and foot of spine and corners chipped, engraved tai), gal, nead and job of spine land corners cripped, engraved armorial bookplate of Marquis Le Tellier de Courtanvaux and his library stamp on title-page [Sabin 82169; Nissen 1854; Hunt 417]. folio 1707-25. ** 'The earliest representations of the flora and fauna of Jamaica', Hunt, loc. cit.

TOTAL MAPS AND ATLASES £35,480 (26 lots)

BONHAM'S, LONDON, 13 JUNE, 1979 (PREMIUM 10%)

BELLIN (Jacques Nicolas): LE PETIT ATLAS MARITIME, engraved titles and 575 maps, many double-page, the seas coloured in light green wash, 191 maps relating to the Americas, 5 vols., 4to., contemporary mottled calf (joints worn, as an atlas sold not subject to return), Paris [1764].

A MAP OF THE BRITISH 56 POPPLE (Henry): A MAP OF THE BRITISH EMPIRE IN NORTH AMERICA, with the French and Spanish Settlements adjacent thereto ... 1733, folding key map, contents leaf, 15 double-page and 5 full-page maps, having 22 inset views and plans of cities, harbours and forts including New York, Quebec, Mexico City, etc., with the insertion of 4 double-page maps of the Americas by J.N. Bellin, 1744, bound in at end, in a large folio, half calf binding (as an atlas sold not subject to return).

57 WERDENHAGEN (JOHAN ANGELIUS): DE REBUSPUBLICIS HANSEATICIS TRACTATUS, CUM URBIUM EARUM ICONISMUS, DESCRIPTIONIBUS DESCRIPTIONIBUS TABULIS, GEOGRAPHICIS ET NAUTICIS, ETC., 6 parts in one volume, 2 engraved titles and 142 fine maps, sea-charts and

views of towns, mostly double-page, of Germany, Switzerland, Holland, Sweden, Norway, Italy, Africa, etc., and 16 portraits, folio, contemporary vellum (in fine condition but as an atlas sold not usbject to return), Francofurti apud M. Merian [1641].

58 VISSCHER (NICHOLAS): ATLAS MINOR. ENGRAVED TITLE AND THIRTY-NINE FINE DECORATIVE MAPS IN FULL CONTEMPORARY COLOUR (6 maps of Europe, Great Britain, Sweden, Denmark and Norway, France, Turkey and America missing from the printed index and America par Septentrionalis and America pars Meridionalis are by Jansson), but with twenty additional maps of Germany, France and the Low Countries, etc., not listed in index (one of Germania Inferior in duplicate) in one volume, atlas folio. old calf (some maps having a few minor repairs and creases, a few margins trimmed), Amsterdam [late 17th Century], as an atlas sold

TOTAL MAPS AND ATLASES £24,480 (16 lots)

CHRISTIE'S, LONDON, 13-14 JUNE, 1979 (PREMIUM 10%)

BIBLE-THE HOLY BIBLE, CONTEYNING THE OLD TESTAMENT AND THE NEW: Newly translated out of the originall tongues ... by his Maiesties special Commandement, general title and title to New Testament, both within an elaborate historical woodcut border [McKerrow & Ferguson 231], full page woodcut royal arms on A1, genealogical tables within woodcut borders and woodcut illustrations, double-page map of the Holy Land by Speed, calendar and almanack with printed rubrication, text in black letter, double column, contemporary red morocco, gill panel sides, rolled border with large blocked corner-pieces at inner angles, large centre-lozenge, ornamented with flowers, birds, small ligures of soldiers, scrolls and other tools, surrounding the great George within the Garter surmounted by a crown within a circular wreath of roses and thistles, spine in eight compartments (skilfully restored, lower cover a little rubbed), in morocco-backed buckram case, folio. London, Imprinted by Robert Barker, 1611. FIRST EDITION OF THE 'AUTHORIZED' ROYAL VERSION, earlier issue, reading 'He' in Ruth III. 15. Collation: A⁶. B². C⁶. D⁴. A-C⁶. A-Z⁶. A-Z⁶. A-Z⁶. A-Z⁶. STC 2216, D&M (Herbert) 309. Pforzheimer 61 (with engraved title by Boel, in place of the woodcut title in the present copy); Printing and the Mind of Man 114. Pforzheimer expresses doubts as to the genuineness of the editions with woodcut title found in a few copies, apparently due to the engraved plate not being ready when printing commenced. however this seems a most doubtful conjecture, not accepted

DERROTERO GENERAL DEL CAPP^N. P[ED]RO
BAENA DESTA MAR DEL SUR q^S. coj desde el Cabo de
Mendozino asta el estrecho de Mayre [RUTTER OF THE
SOUTH SEAS ... FROM CAPE MENDOZINO TO THE
STRAITS OF LEMAIRE]. MANUSCRIPT ON PAPER. 182 leaves (including 21 blank leaves at end), 148 coastal land profiles and plans, coloured predominantly brown and green, all, except four, double-page, showing large areas of the Pacific coast line of America from California to Cape Horn, with views of habitations and harbours, accompanied by sailing directions, and 16 pages of nautical distances from Punama City (outer margin of title slightly frayed, small hole in fol. 8; marginal tears in few leaves with early repair, lower corner of fol. 141 torn off and repaired); ADDITIONALLY inserted two leaves of plans (possibly crudely traced), one in colour, of part of the coast line of Lower California and 34 leaves (68 pages) of a contemporary Spanish version of the journeys of JAKOB LE MAIRE and WILLEM SCHOUTEN to discover a new passage between the oceans South of the Straits of Magellan (foliated 340-272 and obviously extracted from another manuscript (3 lower outer corners frayed and slightly defective, one leaf frayed and detached); contemporary limp yellum (traces of leal) Played and detactions of the leather ties on lower cover, spine partly detached from stitching), in buckram slip-case, small folio [300mm. × 202mm.], circa 1650. CONTENTS: Title in gothic lettering; map of Sta. Margarita Islands; folowed by leaves numbered 1 to 151, beginning with 'Inzenada dela California'; fol. 7: Acapulco, showing a fort, church and 15 houses (it was at that time the American terminal of the trade-route between New Spain and the Philippines); fol. 75: a single-page plan of the harbour of Guayaquil (now in Equador) illustrated here, with detailed navigational instructions on facing page; fol. 142: map of 'Isla de Chiloe' with detailed sailing instructions; fol. 151; Straits of Magellan and of Lemaire. Paper mostly water-marked 'Petipre'. This is an excellent example of the standard rutter (i.e. sailing directions), as used by Spanish pilots in their navigation of the Pacific coasts of America during the seventeenth century. This one is particularly remarkable as it includes an area as far North as Cap Mendocino (40 26 N), north of San Francisco. Although at first glance the colouring, with its predominantly dark brown and green, hues, may appear primitive, the charting and directions are extremely precise and are very similar to those copied by Hack from a derrotero of 1669 compiled in Panama, and now in the Huntington Library. The maps or land profiles, as in all derroteros, following a tradition going back to medieval practice, resemble portolan sea charts, portraying the coastline on a plane projection. In order to preserve their monopoly of Pacific navigation and trade. Spanish maritime atlases were produced secretly and probably in small numbers during the 17th century and never published. Our knowledge of such derroteros, derives mainly from the copies made by William Hack (see lots 241 to 244) of the waggoner taken as a prize by Bartholomew Sharpe in 1681 from a Spanish ship off the coast of Peru, the original being now in the Huntington Library as mentioned above. Original derroteros are held by only very few libraries outside Spain and possibly Spanish America, and have only very rarely been offered for sale at auction.

DERROTERO-DESCRIPCION Y DEROTERO DI LAS COSTAS PUEROS BAYAS YSLAS Y BAJOS DEL MAF DEL SUR sus alturas, distancias y lugares sacado a luz po NICOLAAS DE ESPINOZA piloto-Examinado de ell: trasumptado fielmente de su original a diligencia del capitan Dor Roduga Cabañas, año de 1692 [DESCRIPTION AND RUTTER OF THE COASTS, PORTS. BAYS, ISLANDS AND BANK:
OF THE SOUTH SEA]. MANUSCRIPT ON PAPER, 19.
leaves (including 3 blank leaves), title within coloured architectura border surmounted by a globe, and 109 leaves of maps, plans and land profiles, all elegantly coloured, many maps double-page showing houses, churches, fortifications, trees, etc., with descriptive text and sailing nstructions to each map, following the entire coastline of the American Pacific coast from Acapulco down to the Straits of Magellan, including the islands off the coast, as wel as a map of the Island of Juan Fernandez, followed by 116 pages o text comprising sailing instructions, including directions of port and routes to the Philippines and other Pacific islands, anda furthe 44 pages of rules for navigation and marine surveying, including some astronomical sketches, written by two different hands in ver clear script, later MS map of Trinidad and Granada mounted or 113. contemporary marble paper boards, morocco back (very rubbed, but sound, some stitching loose), in morocco-backet buckram case, folio [420mm. 3 275mm.], 1692? CONTENTS Fol. 3-111 contain the series of land profiles and plans of harbours and islands from Acapulco (the terminal of the Philippine trade to the Straits of Magellan, 112 and 113 blank (except for inserted map), fol. 114: Derrota q Sease seguir prientrar en el rio de Guojaquil; 115 blank; 116: Al abadoscael Ssmo Sacrac^{e0}; 120 Guojaquii; 115 Diank; 116; Al abadoscael Ssmo Sacrac⁻⁻; 124 verso: Derotta desdelos Islas Philipinas para la Nueva Espana fol. 172-193: Instructions for Navigation. Note on fol. 165 verso Fin de esta derrota qui es todo lo descubierto de la ciudad de Panama para la partedel sur WATERMARKS: The 'Strasburg Panama para la partedel sur WATERMARNS: The Strasburg Lily with stem lettered VB: and 'Piolly', both known to be manufactured at Amsterdam, circa 1700. Occasional early marginal notes in ink referring to 'Frezier'. This appears to be the second French edition of A.F. Frezier. Relation du voyage de la Mer du Sud aux Cotes du Chily et du Perou, Amsterdam 1717. This is an extremely finely drawn and coloured maritime atlas. The maps and profiles are very similar to those in Hack's waggoner (lot 241 below), but the execution is far superior. It might be conjectured that this is an almost contemporary Dutch copy of a derrotero produced in Panama and captured by Dutch seamen and brought to Holland. The decoration of the title, as well as the watermarks in the paper give some support to this belief, but this can only be conjecture and would require further investigation. Certainly no other foreign copies of derroteros, except those of Hack, have been recorded. In any case, with regard to the scarcity and almost unique occurrence of these Spanish-American maritime atlases in the saleroom or in British and American libraries, we would refer to the note with lot 175 above and 241 below. PROVENANCE: Phillipps Manuscript 25089, sold by Robinson in 1950.

62 HACK (WILLIAM, editor): A COLLECTION OF ORIGINAL VOYAGES, I. Capt. Cowley's Voyage round the Globe. II. Captain Sharp's Journey over the Isthmus of Darien... III. Capt. Wood's Voyage thro' the Streights of Magellan. IV Mr. Robert's Adventures among the Corsairs of the Levant engraved maps by Moll, 3 plates, a few woodcuts in text, contemporary mottled calf (spine repaired), 8vo. London, James Knapton, 1699. FIRST EDITION. Collation: 6 plates and maps. A-D⁸, Aa-Ee⁸, Ff², 3A-3C⁸, 3D⁴, with D8 blank and advertisement leaf at end. Wing H168; Sabin 29473; Hill, *Pacific* Voyages, p. 130. PROVENANCE: 19th century book-plate of

HACK (WILLIAM): A DESCRIPCON OF ALL THE PORTS BAYES ROADS HARBOURS BEARINGS ISLANDS SANDS ROCKS & DAINGERS BETWEEN THE MOUTH OF CALAFORNIA & THE STRAIGHTS OF LEMAIRE IN THE SOUTH SEAS OF AMERICA, as allso a descripcon of the Islands of Gallappagos in the said Seas by William Hack, carefully taken from the original spanish manuscripts & our late English discoverers, MANUSCRIPT MARITIME ATLAS, illuminated title, two double-page maps, one of the Pacific Coast of South America, the other of the Galapagos Islands, and 162 double-page charts and land profiles, all in bold colour, with extensive descriptions and sailing instructions, sheets mounted on stubs (lower corner of title and first maps slightly frayed, small holes in blank margins of a few maps minor foxing throughout, but generally a very good copy), contemporary red morocco, gilt panelled sides, outer panel decorated with floral tendrils, spine gilt in seven compartments, g.e. (hinges slightly rubbed, head and foot of spine neatly repaired), folio (445mm. × 323mm.), circa 1695-98. CONTENTS: Apart from the two 'key maps', the plans are effectively portolan sea charts, portraying the coastal areas or sea passages drawn on a plane projection, giving a complete view of the coastline from Metenchill 'at the mouth of California' past Acapulco (map 19) to the Straits of Magellan (map 147), the land profile with houses and churches as it would be viewed from the sea. Other maps include Juan Fernandes, the Island of Chiloe, and 14 charts of islands in the Galapagos group, as well as the mythical 'Samuel Peips Esq. his Island' at Latt. 47° 40S, to flatter the Secretary of the Admiralty. In 1681 the English buccaneer Captain Bartholomew Sharp captured a Spanish ship, Nuestra Senora del Rosario, off the coast of Peru, and took as prize a copy of a derrotero (i.e., rutter), the standard charts and sailing directions used by Spanish vessels to navigate the Pacific coast of Central and South America. These charts had only been produced in manuscript in great secrecy, at the command of the Spanish government, to preserve the Spanish monopoly of the Pacific trade. As Sharp himself describes in his journal, 'I took a Spanish manuscript of a prodigious value-it describes all the ports roads. and instruction how to work the ship into any port of

harbour between latt of 17d15"N to 57S latt,". On Sharpe's return to London in 1682 the derrotero was shown to Charles II, who gave orders for it to be copied and translated. This was undertaken by William Hack (1656?-1708), who had recently completed his apprenticeship as a mapmaker to Andrew Welch, a member of the Drapers Company Guild. Hack's work is thus characteristic of this group of seventeenth century English mapmakers, belonging to the Guild of the Draper's Company and now known as the 'Thames School', among whom he stands out by his picturesque bold style and colouring. 14 manuscript copies (of which four are only fragmentary) are known of this atlas, the earliest being the 1682 literal ocpy of the *Derrotero*, with Spanish and English text, comprising 147 maps and stating on fol. 295 'Surveyed by order of the King of Spain and finished at Panama anno Domj. 1669' [British Library, Harleian Ms 4034]. In the same year Hack produced the Wagoner of the Great South Sea' for presentation to Charles II, containing only 130 maps adapted om the original rutter (also in the British Library), and two other copies in 1683, one in the Free Library of Philadelphia. and another, previously belonging to the South Sea Company, in the Huntington Library. A second group of these atlases was probably produced in the late 1690's. The four examples known are the copy dedicated to Lord Somers in 1698, now in the British Library (BM atlas 7, tab. 127), another in the John Carter Brown Library, and the two Houghton waggoners offered here. They contain all the information of the original derrotero, with charts from the gulf of California through Acapulco (the American terminal of the Manila trade route), to the Straits of Magellan, as well as the Galapagos Islands charted by William Ambrose Cowley in 1684. The additional charts in this group of atlases. which do not derive from the Spanish original, are probably based on surveys made by Captain Basil Ringrose, who had accompanied Sharp, and whose journal was published as a supplement to the 1684 edition of Exquemelin's Bucaniers of America. In two of these four atlases the present 164 maps have been extended over 183 leaves as in the other Houghton copy (lot 242 below) THIS AND THE ATLAS DESCRIBED IN THE FOLLOWING LOT ARE THE ONLY COPIES OF HACK'S WAGGONERS REMAINING IN PRIVATE HANDS PROVENANCE: The binding, which is very similar to that found on other atlases and journals produced by Hack, suggests a wealthy patron, now unknown, The atlas appeared in Quaritch Catalogue 682 of 1950 (no. 244) LITERATURE: Thomas R. Adams, William Hacks Manuscript Atlases of 'The Great South Sea of America (in the Annual Report of the John Carter Brown Library for 1965-66). Tony Campbell, The Drapers' Company and its school of seventeenth century chart-makers (in: Mv Head is a Map, essays and memoirs in Honour of R.V. Tooley, 1973) Richard Boulind, William Hack and the Description of New England, Boston 1976.

HACK (WILLIAM): FROM THE ORIGINAL H MANUSCRIPTS & OUR LATE ENGLISH **ENGLISH** DISCOVERIES A DESCRIPTION OF ALL THE PORTS BAYS ROADS HARBOURS RIVERS ISLANDS SHOALDS ROCKS & DANGERS IN THE SOUTH SEAS OF AMERICA BETWEEN CALAFORNIA AND THE STRAGHTS OF LEMAIRE as allso the Passage about Terra Del Fuogo discovered by Capt. Sharpe in the year 1681 & Peyps's Island lyeing in the year 1684, delineated by William Hacke, MANUSCRIPT MARITIME ATLAS, pictorial title in ink and wash, two double-page maps, one of the Pacific coast of South America, the other of Patagonia, and 182 charts, plans and landprofiles, all except one, double-page, coloured mainly in green, gery and yellow, 4 leaves of index and one leaf of 'Instructions for sailing up to Guayaquil &c.', with extensive description and sailing instructions in ink on most maps, sheets mounted on stubs (occasional minor offsetting), contemporary red morocco, gill panelled sides, outer panel decorated with floral tendrils and fleurons, spine gilt in seven compartments, g.e. (minor wear at head of spine), folio (407mm. × 298mm.), circa 11695-98. This similar in content to lot 241 above, differing principally in that the second key-map is of the Southern tip of Patagonia, instead of the Galapagos Islands. The number of maps has been increased by extending some of the profiles to stretch over two sheets, without changing the actual outlines, which in many cases may have been traced from the atlas described above. and apart from the map of Patagonia, only two charts, of Duke of York's Island and the 'English Harbour' have been newly added The instructions and descriptions are however much more extensive, although written in the same distinctive clear hand with hold headings, as the other Hack atlases. The more delicate colouring, with its predominantly grey wash in various shades, may well be the work of an apprentice. PROVENANCE: In the usual fine binding similar to other Hack atlases, without any indication of the original owner 18th century bookplate of George Grenville (1712-70), the statesman and father of the great book-collector

HACK (WILLIAM), editor): A JOURNAL KEPT BY CAPT. BARTHOLOMEW SHARPE OF HIS PASSAGE OVER LAND AT THE ISTHMOS OF DARIEN TO THE SOUTH SEA OF AMERICA AND OF WHAT WAS TRANSACTED BY HIM WHILEST HE SAILED THERE AND OF HIS DISCOVERY OF A PASSAGE TO THE EASTWARD OF ALBEMARLE ISLAND OUT OF THE SAID SOUTH SEA, AS ALLSO AN ACCURAT DESCRIPTION OF THE STRAGHTS OF MAGELLAN BY CAPT, JOHN WOOD: LIKEWISE A JOURNAL KEPT BY CAPT. WILLIAM COWLEY from the Island of Gorgona in the foresaid South Sea of America by the East Indiaes to Holland in Europe; and allso an abstract of the said Cowleys Journal from Charles in Virginia to the said Island of Gorgona faithfully collected & the drafts delineated from the originals by William Hacke, MANUSCRIPT IN INK, 266 leaves (on detached and slightly fraved), pictorial title border in ink and wash MANUSCRIPT IN INK, 266 leaves (one

map of the Isthmus of Darien, coloured in outline, and 12 other full-page maps and charts, ink and wash with outline coloured green, plan of the city of La Serena [in Chile], numerous small coastal profiles, many with descriptive notes and navigational instructions, other illustrations including portraits of Drake. natives, etc., contemporary red morocco, gilt panelled sides, outer panel tooled with volutes, spine gilt in 8 compartments (hinges slightly rubbed), g.e., folio (457mm, × 290mm.), circu 1695.CONTENTS: 3-page alphabetical table, leaves numbered [to 262, with text mostly on recto of each leaf, and illustrations and maps with descriptive text on facing verso. Journal of BARTHOLOMEW SHARPE, with approximately 514 daily entries from Monday, April 5, 1680 to Monday, January 30, 1682 (fol. 1-115), with Nautical tables (fol. 116-124). A Description of the Straghts of Magellan taken by Capt. JN. WOOD in his Maities ship Sweepstakes, anno 1669 (fol. 125-166). Journal of WILLIAM COWLEY, with approximately 132 entries from Friday. December 19, 1684 to Thursday, September 30, 1686, including 13 leaves of daily navigational tables (fol. 167-148). An abstract of a journal by Capt. Cowley from Cape Charles in Virginia to the Island of Gorgona, August 4, 1683 to August 14, 1684 (fol. 219-262). Bartholomew Sharpe's log is one of the most authoritative accounts of the buccaneers, who in the footsteps of Henry Morgan crossed the Isthmus of Panama, sacked the city and for more than a year sailed along the West Coast of South America, attacking towns and capturing ships and booty using off-shore islands such as gorgona and Juan Fernandez as their base. By April 1681 all English ships had left the area, except Sharpe, who commanded the 400-ton Santa Trinidad with a crew of about 65 men. He stayed on until August and then sailed from La Plata around Cape Horn to Antigua in the West Indies arriving on January 30, 1682, having covered nearly 10,000 miles Sharpe describes in great detail the Spanish provinces and his adventures, and claims to be the first to have circumnavigated Cape Horn without passing through Lemaire's Strait. The following is a characteristic entry in his journal. December 3d [1680] Fryday before day in the morning I landed with 35 men & marcht for the City of La Serena ... had not gone above a League before we met with about 250 horsmen well accourted who gave us battle but we soon cleared the field of them march according to my first intention & I entered the city ... which is about a mile square, here we found all sorts of extraordinary good fruit: also corn sugar brandy rhum oile and wine in great from hence is shipt of abundance of good copper which is digged out of a coppermine here ... Monday: I agreed with the Spaniards for the redemption of this City, they were to pay me the sum of 80000 pieces of 8, but insteed of that they rallied 4 or 500 horse to take us all prisoners, but I marched out with my men & fought them & heat them to theire hears content after which I set the city on fire & burnt it ... 'Sharpe's most important was of course the capture of the 'derrotero' Hack's atlases described above, which certainly helped Engish ships to break the Spanish monopoly of the Pacific trade. Wood's Journal describes the journey undertaken at the command of Charles II with Sir Narborough to explore and chart the Magellan . William Ambrose Cowley's journey began in 1683, was probably the most important of these journals, describing his discovery of the Galapagos Islands in 1684, with an excellent map by Hack, who in this journal for October, 1683 inserted the mythical discovery of *Pepv's Island*, also accompanied by a small map. Another part of his journal describes his return journey across the Pacific, through Java and then past the Cape, describing the Dutch South African settlements in great detail, as well as the Hottentot natives. Many of the charts are based on the Spanish derrotero described in the atlas above, while others may the work of Captain Basil Ringrose. The published version of these journals of 1699 [lot 240 above] is greatly abridged, and the three small printed woodcut maps give little idea of the cartographic wealth of illustrations in the manuscript. ONLY FIVE MANUSCRIPT COPIES OF THESE JOURNALS ARE KNOWN, two in the British Library, one in the Admiralty Library, and the three in the Houghton Collection. The present manuscript appears to be the fullest, containing greater detail than any of the others, PROVENANCE: 18th century book-plate of Christopher Jeaffreson, Dullingham. Offered for sale by Orion Booksellers in 1948, who published an essay by Edward Lynam, William Hack and the South Sea Buccaneers, London, 1948, 18

66 HACK (WILLIAM, editor): DESCRIPTION OF GOLDEN ISLAND & THE ISLE OF PINES & PART OF THE INDIAN EMPIRE OF DARIEN IN THE NORTH SEAS OF AMERICA. AS ALSO A TRUE DIARY OF CAPT SHARPES TRANSACTIONS IN THE SOUTH SEAS IN THE YEARS 1680 & 1681 & HIS DESCRIPTION OF PORTS AND PLACES THERE. & ALLSO CAPT. JOHN WOODS
DESCRIPTION OF THE MAGELLAN STRAGHTS.
MANUSCRIPT IN INK. 122 leaves (2 blank). iluminated
dedication leaf to Lord John Somers, emblazoned with his coat-ofarms, the title forming part of the dedication, two double-page maps, one of Darien in America, another Part of the Kingdom of Patagonia, 11 large coastal charts and maps of various ports, numerous small coastal profiles in the text, mostly in grey wash with outlines coloured green (occasional light offsetting), contemporary red morocco, gilt panelled sides, with fleurons and tendrils in outer panel, spine gilt in 8 compartments (slightly rubbed), g.e. folio (450mm × 282mm.), circa 1698. CONTENTS: Dedication including title, double page map of Darien, following pages numbered 1 to 232, with text mostly on recto and verso of each leaf, maps and charts in the text. Journal of BARTHOLOME W SHARPE, with approximately 519 daily entries from April 5, 1680 to January 29, 1682 (pages 1-152); 9 leaves of navigational tables (pages 153-170). A Description of the Straghts of Magellan by Capt. JOHN WOOD taken on board of his Majittes Ship Sweepstakes, Capt. John Narbrough Comander [1669] (page 173-232). The contents of Sharpe's journal is substantially the

same as in lot 243 above, though the wording of the entries differs considerably, even in detail and numbers, as in the extract quoted in lot 243, where in the present copy the ransom demanded is 100,000 pieces of eight, as against the previous 80,000. John Wood's description is almost identical to that in the the previous lot. Both double-page maps are signed by Hack 'Gulielmus Hack delineavif, and the text of the previous and this journal are written by the same, presumably his own, hand PROVENANCE: Presented to John, Lord Somers, Lord Chancellor of England, who was Hack's patron from about 1697. and to whom he also dedicated his only printed work, the journals published in 1699 [lot 240 above]. Presumably presented at the time as the Waggoner' dated 1698, now in the British Library (BM atlas 7, tab. 127) and in a binding matching the present volume. Subsequently Marquis of Bute's library (Historical MSS Comm. App. to 3rd Report, p. 208, describing this manuscript)

(WILLIAM)] -SHARPE **THACK** (BARTHOLOMEW): JOURNALL OF TRANSACTIONS IN THE SOUTH SEAS' [April 5, 1680-January 28, 1681/2], MANUSCRIPT IN INK, 52 Jeaves (including 2 blank leaves), text on rectos only, versos blank, last leaf pasted to original stiff grev wrapper (outer margins occasionally cropped in binding, affecting some letters of text (), almost contemporary mottled calf gilt, spine gilt and lettered 'Sharpe South Sea 1680' (covers badly affected by action of mottling acid, hinges skilfully repaired), marbled endpapers, g.e in morocco-backed slipcase, small folio [310 × 195mm.], 1682 to more co-packed supease, sman folio [310 × 15,min.], 1062.

CONTENTS: Title and dedication, almost certainly in Hack's hand 'To the Serene Mai^{tte} of Charles the Second ... this following journall of our transactions in the South Seas is humbly presented by your Ma:ties ever loyall subject B: Shapre.', within circular wreath. Fol. 2 headed 'An accompt of our preceedings with the Indian Emperour & King of Durian Aprill ve 5th: 1680. journal continues with almost daily entries, always very brief except when describing events on land, for 37 leaves, ending with the arrival at Antigua on Jan. 28, 1682. Folios 39 and 40 blank, followed by 12 leaves of nautical logs, with almost daily entries from June 9, 1680 to Jan. 28, 1682. This is almost certainly a transcript, possibly in Captain Sharpe's own hand, of a watereddown version of the journal, omitting all mention of piracy ransom, plunder, etc., and may have been produced when, after his return from Antigua on March 26, 1682, Sharpe was indicted Sharpe was indicted for piracy, and saved by order of Charles II, after having presented the Spanish derrotero captured from the ship Nuestra Schora del Rosario on July 29, 1681. This seemingly innocuous journal may then have been concoted, possibly with Hack's aid, and his calligraphic skill as demonstrated on the title, in Sharpe's defence. The fact that Hack produced a waggoner to be presented to the king by Sharpe in 1682 is on record. In any case, having secured a royal pardon, Sharpe was rewarded with the command of a sloop in the Royal Navy. The present journal contains the entire skeleton of the great buccaneering epic recounted in the later versions published by Hacke above (lots 243 and 244), with particularly full navigational detail of the great journey of nearly 10.000 miles from August 16, 1681 at La Plata, south round Cape Horn and Staten Island up to Antigua. The first pages of the journal describe in some detail the buccaneer's march across the Isthmus of Panama on foot and by canoe, and throughout there are many accounts of his men retreating in face of Spanish attack interspersed with observations of scenery and local produce. On November 12, 1681. Sharpe describes his attempt 'to try if we could find a passage about ye unknowne land of Terrafogo. So we made saile wind at NW desiring God to be our guide. This day we struck 2 flowles with a fisgig it was halfe flish and half fflesh they had 2 for-flins like a turtle their beaks like a shagg with downy feather footed like a duck'. Obviously his first encounter with penguins. The original journal, which must have been in stiff paper covers was bound up a few years later, unfortunately cropping some of the text. There is a note in French on the end-paper relating to 'lettre d'echange' for £200 and £70 in August 24. PROVENANCE: 18th century armorial book-plate of Thomas Anson

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(PREMIUM 15%)

Gottfried, Joch. L. Inventarium Sveciae. Das ist Grundliche, vnd warhaffte Beschreibung deß Konigreichs Schweden vnd dessen Incorporarten Provintzien, darinnen von Natur vnd Eigen schafft deß Lands, Fruchtbarkeit, Metallen, Wassern ... Gebrauchen, Regiment vnd Rehgionswesen gehandelt wirdt ... verfasset von Joh Ludwig Gottfried, Mit schonen Kupfterstucken geziert, vnd an Tag gegeben durch f RIEDERICH HUI SIUM Frankfurt a.M., W. Hofmann fur Hulsius, 1632 (bzw. 1633). Fol. 4 Bl. (inkl. Frontispie und Titel), 430 S. 13 Bl.: Appendix; 45 S. und 1 Bl. Mt. 5 (statt. 6) Portrattafeln, 6 (statt. 7) doppelsettigen. Prospektkupfern und zählreichen kleineren Kupfern im Text mit ausgezeichneten Stadtansichten. Etwas beriebener, guter Lederbd von ca. 1700 Seiten, Wuthrich, L., Der Chronist J.J.: Gottfried (in Archiv I Kulturgesch, Bd. 43, 1961, p. 205/06); «Ex handelt sich um eine Lopographie und Geschichte Schwedens, die im Hinblick auf die Invasion Gustaf Adolfs ein Bedurfnis weiter Volkskreise betriedigen sollte. Der erste Teil bringt die Geographie dei nordischen Lander, vor allem Schwedens, und die Geschichte des nordischen Fanicer, vor altem senwedens, und die Geschichte des Schwedischen Konigshauses ... Der 2. Teil erzahlt die Geschichte Gustaf Adolfs und sein Fingreifen in den deutschen Religionsstreit von 1630 — 4 Sept. 1632. Diese beiden 430 doppelspaltige S. in Folioformat umfass. Teile hat Gottfried in vier Monaten niedergeschreiben.» Er entschuldigt deren rasche Niederschrift im «Inventarium». Im Fruhjahr 1633 erschien dann ein «Appendix zum Anderen Theil», in dem die Schlacht von Lutzen mit Tode Gustaf Adolfs und die Ereignisse bis Ende 1632 geschildert werden. Diesem Anhang kommt deshalb «vermehrte historiographische Bedeutung» zu. Das Werk ist Gustaf Adolf gewidmet. – Neben der Wichtigkeit des Textes sind auch die Illustrationen sehr bemerkenswert: Portrats der schwedischen Konige, große, sehr gute Ansichten von Rom, Magdeburg, Nurnberg, Augsburg, Straßburg und die vielen ganz hervorragenden kleineren Ansichten von ca. 50 Stadten wie Florenz, Neapel, Palermo, Toledo, Vishy, Stockholm, Kopenhagen, Riga, Smolensk, Danzig, Halle, Koln, Regensburg, Leipzig, Dresden, Mainz, Worms, Speyer, Frankfurt, Wurzburg, Munchen, Hanau, Wittenberg, Prag usw Es fehlen das Portrat Gustav Adolfs und die Ansicht von Es fehlen das Portrat Gustav Adolfs und die Ansicht von Frankfurt a.M. - Stellenweise leicht gebraunt, einige unbedeutende Wurmspuren, gutes Exemplar

69 Italien. - SAINT-NON, ABBE R. DE. Voyage pittoresque, ou description des Royaumes de Naples et de Siciles Vol. 1-4, 1 (ohne 4,2). Paris, (Clousier), 1781-1785. Fol. Mt. I gestochenen Widmungsblatt, 4 gestochenen Tüelvignetien, 13 Karten, 375. Kupfern, 25 rot-schwarzen Vignetien und 89 Textkupfern und Vignetien, Culs-de-lampe und Kopfstucken von Saint-Aubin, Saint-Non Le Bas, Le Mire etc. nach Choffard, Cochin, Fragonard, Hubert-Robert, Saint-Non etc. Prachtvolle gewäffelte Juchtenlederbande mit Rv., Deckelborduren. Stehund breiter Innenkantenvergoldung (Weinranke), Goldschnitt (ganz. unbedeutend bestoßen), Cohen-Ricci Sp. 928 ff. Reynaud Sp. 482 ff. Fürstenberg S. 95f. Erstausgabe der berühmten und prachtigen Reissewerkes, das Saint-Non's Hauptleistung ist: SAINT-NON, ABBE R. DE. Voyage prachtigen Reisewerkes, das Saint-Non's Hauptleistung ist; bekanntlich hat die Herausgabe dieses Werkes seinen finanziellen Ruin herbeigeführt. Die von den besten Zeichnern hervorzuheben ist Hubert-Robert – geschaffenen Blatter zeigen Ansichten aller bekannter suditalienischen Stadte. Vesus-Ausbruche, Auf- und Grundrisse antiker Gebaude, Stiche nach Ausnitelle, Auf und Gründisse antiken Gestader, sittlei daar, antiken und Kunstgegenstanden aus Pompeij und Neapel etc. Im 1. Band einige Wasserrander, Gelegentlich unbedeutend stockfleckig. Es fehlt der 2. Teil des 4. Bandes mit der Beschreibung Siziliens sowie das bekannte Phallus-Kupfer im 2

Merian, M. Topographia Germaniae-Inferioris ... das 70 Merian, M. Topographia Germaniae-Inferioris ... das ist Beschreibung vid Abbildung Der Furnembsten Oerter in den Niderlandischen Provincien ... Frankfurt a.M., Caspar Merian, [1659]. Fol. 283 S., 10 Bl. Mit. I gestochenen Titel und 120 Kupfertafeln mit Ansichten, Planen und Kurten, die meisten doppelblatigroß und teilweise gefültet. Pergamentband d.Z. (leicht fleckig). Wuthrich 65. Vollstandige 2. Ausgabe mit samtlichen Karten und Ansichten, Alle Tafeln in sehr guten Abzugen mit Rand. Einige wenige und ganz unbedeutende Fleckchen oder Feuchtigkeitsspuren

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TOTAL MAPS AND ATLASES SFr 25,700 (7 lots)

J.L. BELIERS, UTRECHT, 21-22 JUNE, 1979 (PREMIUM 16%)

SANDERUS, A. Verheerlykt Vlaandre, behelzende e. 71 SANDERUS, A. Verheerlykt Vlaandre, behelzende e. algemeene en nauwkeurige beschryving van dat graafschap nevens de beschryving der steden,m gebouwen ... dorpen, kasteelen en heeren-huyzen ... Leyden, 1735, 3 parts in 2 vols Folio. (1: calf, back gilt – defects; H-III. blind-tooled vellum – sl defects). With 50 portraits and 233 plans, maps, and views on 137 plates (32 double-page or folding). – (2 text-leaves soiled)

NOVUM ET MAGNUM THEATRUM urbium Belgicae liberae ac foederatae (et) Belgicae regiae. Amsteram, I Blaeu, 2 (1649) 2 vols. Large folio, Calf, back and sides richly gilt—style of Magnus—gilt edges (some defects to small part of joints and to the corners; somewhat rubbed), arms (? Austran) gilt of sides at a later date. With 224 (and one additional) plates (plans, views, maps)—Koeman 64/65. The second (final edition). Blaeu's views, maps). Koeman 64/05. The second (final edition). Blacu's proud and magnificent contribution to the Peace of Munster that terminated the Eighty-Years' War against Spain. This second edition was acommodated to the new political conditions: the first volume describes the Dutch provinces and is dedicated to the authorities of the United Provinces (and of the separate provinces); the second volume deals with the Southern part (Belgium), and is dedicated to King Phillip IV of Spain. As a consequence of the Control of the Con town-book Blaeu's work is a remarkable contribution to our knowledge of 17th-century town planning and building and to fortification (there are over 90 detailed and very accurate double-page bird's-eye views). At the same time Blaeu tried to give a memorial monument of the war; there are 27 detailed double page plans of sieges and battles (some in Germany). (A splendid copy with wide margins (title-leaves, end-leves, 2 other leaves. and part of I plate browned, no title-strips.)

73 MERIAN. – ZEILLER. Topogrpahia Germaniae Inferioris ... das ist Beschreibung und Abbildung der furnembsten Orter in den Niderlandischen XVII Provincien Franckf. am Maijn, C. Merian, o.J. In-Folio. Moderner Lederband, Mit gest. Titel (unterlegt), 12 doppelblattgr. Karten und 197 (98 doppelblattgr. oder gef.) Tafeln mit 159 Ansichten und Planen. – (Einige unbedeutende Flecke)

TOTAL MAPS AND ATLASES f 57,780 (7 lots)

CHRISTIE'S, LONDON, 27 JUNE, 1979 (PREMIUM 10%)

74 SMITH (Captain JOHN): THE GFNERALI HISTORIF OF VIRGINIA, New-England and the Summer Isles, with the names of the adventurers, planters and governours from their first beginning an: 1584 to this present 1624, FIRST EDITION, first issue of engraved title by John Barra (trimmed down to line-border, slightly shaved in outer margin, four engraved folding maps, two with pictorial border in compariments, one with folding maps, two with pictorial border in compartments, one with portrait of the author (map of Virginia with small hole and tears in lold repaired, inner margin defective and laid down with loss of approx. — inch strip of print area, small rusthole in C4 affecting 3 or 4 letters), red morocco by Sangorski & Suit life [STC 22790] Sabin 82824 Church Catalogue 402], small folio, L.D. & H. H. for Michael Sparkes, 1624. The map of Virginia (dated 1606) is in the eighth state (Church 359). The map of Ould Virginia is in the third state, including 'Adams Sound'. The map of the 'Summers IIs' is in the third state (as in Church 402). The map of New England (dated 1614) is in the ninth state (vid. Church 369). The portrait of the Duchess of Richmond, listed in the Church copy, was not issued with the first edition, and does not form part of the book

75 DE BRY (JOHANNES ISRAEL & JOHANNES IHEODORE), INDIAE ORIENTALIS NAVIGATIONES, 12 volumes in 3, FIRST EDITION of each part, except Part I [in second edition], edited mostly by Gotard Arthus, 7 engras ed maps (lacking 9, including the two repeats in vol 9), numerous engras ed plates, some folding, some leaves, including first title, browned acceptance light presently second parties. occasional slight marginal worming), contemporary sheep, gilt centre scroll ornament on covers, with outer roll-tool border, spine centre scroll ornament on covers, with outer roll-tool border, spine glt in compartments (foot of spine of first vol. worn), folio Frankfurt, 1509-1613. Oppenheim, 1619, [vol. I], Frankfurt 1623; sold as a collection, not subject to return. (3). COMPLETE SET OF THE MINOR VOYAGES EXCEPT VOL. 12, FIRST PUBLISHED. IN 1628. AND THE APPENDIX TO VOL. 1. PUBLISHED. IN 1625. Contents: [1]. PIGAFETTA (PHILIPPUS): Regnum. Congo., hoc. est. vera. descriptio. regni. Africani, quod tam ab incolis quam Lusitanis Congus, appellatur Arricani, quot una arrivatori quant custants conges, appendix angraved folding map (lower corner defective, map of Egypt lacking). 14 engraved plates, with separate printed title, from the sheets of the first edition, Frankfurt, J. F. Weiss 1623 [second title Wolffgang Richter for Th. & J.I. de Bry, 1598]. II. LINSCHOTEN (JOHANNES HUGO): Indiae Orientalis. No second of the property of the state of the sta LINSCHOTEN (JOHANNES HUGO): Indiae Orientalis Navigatio in Orientem, printed cartouche within engraved title, 38 engraved plates, additional plate of medals, engraved view of Avcension (belonging to vol. III below) (worming in upper margin of last 3 plates, lacking the 3 maps), Frankfurt, W. Richter, 1599 III. LINSCHOTEN (J.H.): Secunda pars navigationum Navigatio Hollandorum in insulas Orientales ...: Tres navigationes Hollandorum in modo dictam Indiam per Septentrionalem seu glacialem Oceanum ... [translated Willibald Strobaeus] printed cartouche within engraved title, 58 engraved plates, folding map (lacking views of St. Helens and Angra), Frankfurt, M. Becker, 1601 IV. LINSCHOTEN (J.H.). Indiae Orientalis ... varu generis animalia. fructus, arbores, ... aromata

Frankfurt, M. Becker, 1601. IV. LINSCHOTEN (J. H.). Indiae Orientalis ... varii generis animalia, fructus, arbores, ... aromata sicut in India ... describuntur: Novissima Hollandorum in Indiam Orientalem navigatio ... mense Iulio an. 1599 confecta, 21 engraved plates, Frankfurt, M. Becker, 1601. V. INDIAE ORIENTALIS, Vera et accurata descriptio universa navigationis precipiue vero in Javanas & Moluccanas Insulas, Bantam, Bandam & Ternatem &c. suscepterunt, printed cartouche within engraved title, 20 engraved plates, Frankfurt, M. Becker, 1601. VI VERAM ET HISTORIC AM DESCRIPTIONEM AURIFERI. REGNI GUINFER: ad African pertinentis. Intere engraved title, REGNI GUINFER: REGNI GUINEAE, ad African pertinentis, lurge engraved title vignette, armortal vignette on dedication, 26 engraved plates Frankfurt, W. Richter, 1604. VII. [SPILBERGEN (GEORG) & CASPAR BALBY]: Navigationes duas, primam ann 1601 ex Selandia in Indiam Orientalem susceptam, alteram anno 1579. ex Alepo Babyloniam versus ... ad regnum Pegu ... printed cartouche within engraved title, armorial vignette, 22 engraved cartouche within engraved title, armorial vignene, 22 engraved plates, Frankfurt, W. Richter, 1606. VIII. NAVIGATIONES OI INOU'F Jlacob Neccius. Joannes Hermann de Brec Cornelius Nicolai. Cornelius de Vena. Stetanus de Hagen], printed cartouche within engraved title. 18 engraved plates, including 2 double-page plates and map, Frankfurt, W. Richter. 1607. IX. HISTORICAM DESCRIPTIONES NAVIGATIONIS AB HOLLANDIS & Schandis in Indiam Commission fundar Bester William Veschieff. Orientalem [under Peter-Willem Voerhoff], utle within engraved architectural border. 12 engraved plates, Frankfurt, W. Richter, 1612. IX. SUPPLEMENTUM, HOC EST CONTINUATION 1612. IX. SUPPLEMENTUM. HOC EST CONTINUATION PRIORIS ITINERIS sive navigation is ab Hollandis et Selandis sub Admirale Petro Guilhelmo Verhuffio ... ab anno 1607 usque ad anum 1612. with dictionary of Malay and Malagovsv‡Latin colloquial phrases by Gotard Arthus, engraved title vignetie of global map, 5 engraved plates (lacking 2 maps, being repeats from Pars III). Frankfurt, M. Becker, 1613. X. HISTORICA RELATIO sive descriptio novi ad Aquilonem transitus, supra Terras Americanas in Chinam atq. Iaponem ducturi [by Henry Hudson and Johannes Hugo Linschoten], item discursus ... super

Hudson and Johannes Hugo Linschoten], item discursus ... super defecta nuper quinta orbis parte, terra nempe Australis incognita . Petro-Ferdinando de Ouir &c. conscripta, printed cartouche within engraved title, 2 double-page engraved maps 1(of 3), 3 engraved plates, Frankfurt, M. Becker, 1613. XI. VESPUCCI (AMERIGO); Duarum navigationum ... in Indiam Orientalem anno 1501, historia; atque hactenus inaudita Angli cuiusdam relatio ...; Descriptio regionis Spitzbergae ... quas ann. 1613 alii piscatores ab Anglis perpessi sunt & protestatione contra Anglos , engraved title illustration with portrati of Oliverius a Nort with engraved title illustration with portrait of Oliverius a Nort with global ap. 10 engraved plates, Oppenheim, Hieronymus Galler,

PTOLEMAEUS (CLAUDIUS): COSMOGRAPHIA (translated by Jacobus Angelus). Registrum (by Johannes Reger). De locis et mirabilibus mundi, 173 leaves (of 174, lacking the rst blank al, but with the other three blank leaves). 53 lines.

double column, roman letter, 27 double-page woodcut maps (corner torn from first fold, but also complete, first two leaves o, text badly torn with damage to text, diminishing worming through next 20 leaves, slightly affecting the text, discoloured throughout by damp), sixteenth century blindstamped calf over wooden boards (rubbed and a little worn) [Hain-Copinger 13541; BMC IV-133 Klebs 812-7: Goff P1086], folio, [418mm. × 284mm.], Rome, Petrus de Turre, 4 Nov., 1490. The maps are printed from the plates of the 1478 edition, which must have been acquired by De Furre. Apart from a few minor tracts this is the only book published by this press

77 [RAMUSIO (GROVANNI BATTISTA) editor]: DFILE NAVIGATIONI ET VIAGGI, 3 volumes, second enlarged eduton of first andsecond volume, first eduton of third entarged edition of first anasceona volume, first eatinot of intra volume, 3 double-page woodcut maps in vol. 1, 7 double-page maps and 2 plans in vol. III, woodcut illustrations in vol. III; COMPLETE SET (minor waterstaining, mainly in outer and lower margin throughout, and following minor defects: Vol. 1: title stained, inner blank margins of first leaves and last leaf reinforced, stained, nner blank margins of first leaves and last leaf reinforced, paper of flast 8 leaves discoloured probably due to water-staining, minor staining on O8, small tear in 3A5; Vol. II, headlines of some leaves index shaved, small hole in X5 and Z8 affecting some letters, minor staining on 18 and K1; Vol. III; Tear in tille nealty repaired, tears in c3, c7, 3g3, all with slight loss of text, staining on b7s and tears in e.s. e.f. 3g.s., all with slight loss of text, staining on o's and ber, slightly affecting text, page numbers on 3 maps cropped, slight tear in final folding map neutly repaired), recent vellum-backed boards, folto, Venice, della stamperia de Giunti. 1554-1574-1556. Sabin 67731, 67737, 6774U lists the full contents of this collection. The first volume containing mainly accounts of travels in Africa was first issued in 1550, but this second edition contains additional accounts by Raphysia and Givern de Barrow, a well-us a short accounts by Barbosa and Giovan de Barros, as well as a short account of Japan. The three maps are aso here published for the first time. The second volume with its accounts mainly of travels through Russia to China, is also much enlarged in this second through Russia to China. It also much enlarged in this second edition, mostly with accounts of nourneys to Persia and Tartary, Volume three contains the voyages to America by Cortez, Ulloa, Coronado, Pizarro, etc., as well as the accounts of Jacques Cartier of 'Nuova Francia' and Verrazzano of Labrador Vocabularies of the natives of New France. Hochelaga and Canada are on fol. 440 and 443, the woodcut maps depicting the native Indians, and plans of Lima and Mexico City

(HARTMANN): LIBER CHRONIC ARUM. FIRST EDITION, 323 leaves (of 326, lacking fol. 26, 122 and 123, but with the final blank bound after the colophon on fol. 320), table and parts of text in double column, colopino no fot, 5231, tanie ana paris of text in autoie column, gothic type, 64 lines, xylographic title, 2 double-page woodcut maps, 98 large views of towns, including 28 double-page, 5 full-page plates and numerous other smaller woodcut illustrations by Wohlgemuth and Pleydenwurff, many in early, sometimes crude colouring, initials inserted in blue and red (title soiled and outer margin fraved, worming and staining in lower margin of table, generally not affecting the text, some dampstaining in mostly blank generative for affecting the test, some admissioning in mosts oftant lower margin, some statining in blank inner margin, affecting the last double-page map, a few marginal tears affecting the text without loss, on 4 leaves, seventeenth century calf, gilt foliate wreath on covers (partly restored) (HC 14508; BMC II-437; Klebs 889-1, Goff S-307), folio Nuremberg, Anton Koberger, July 12

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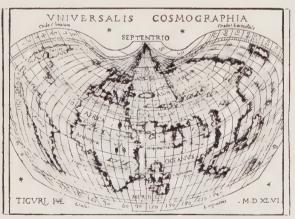
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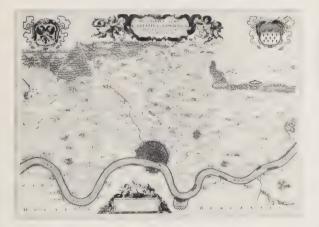


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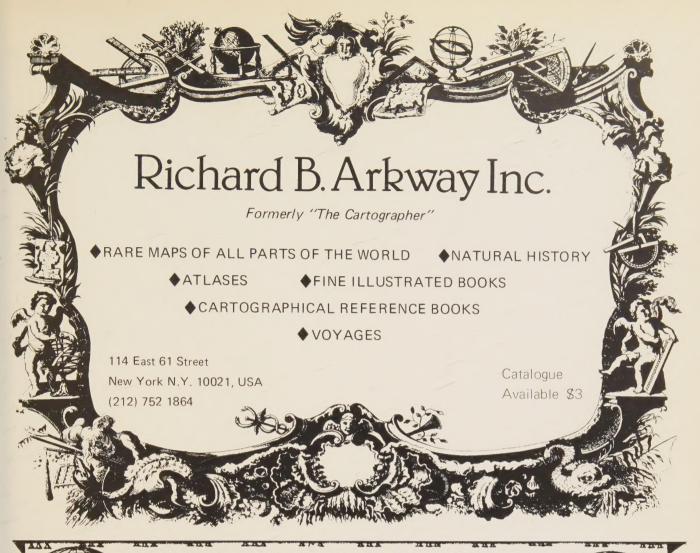
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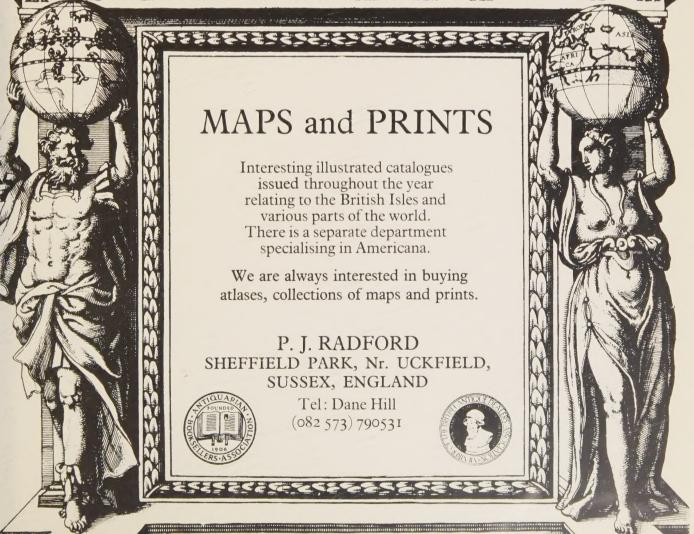
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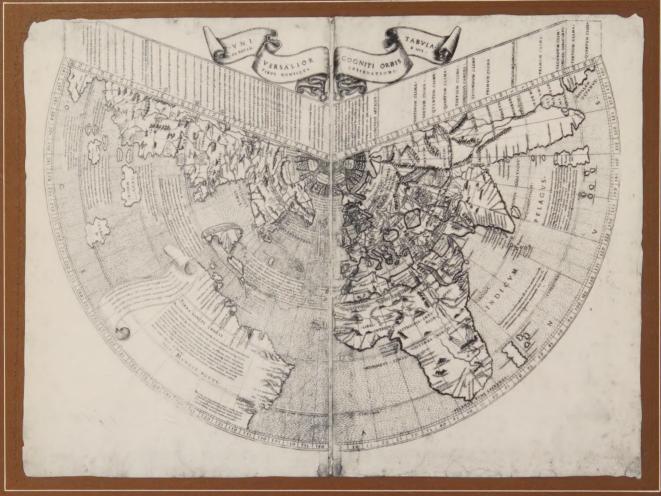
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