

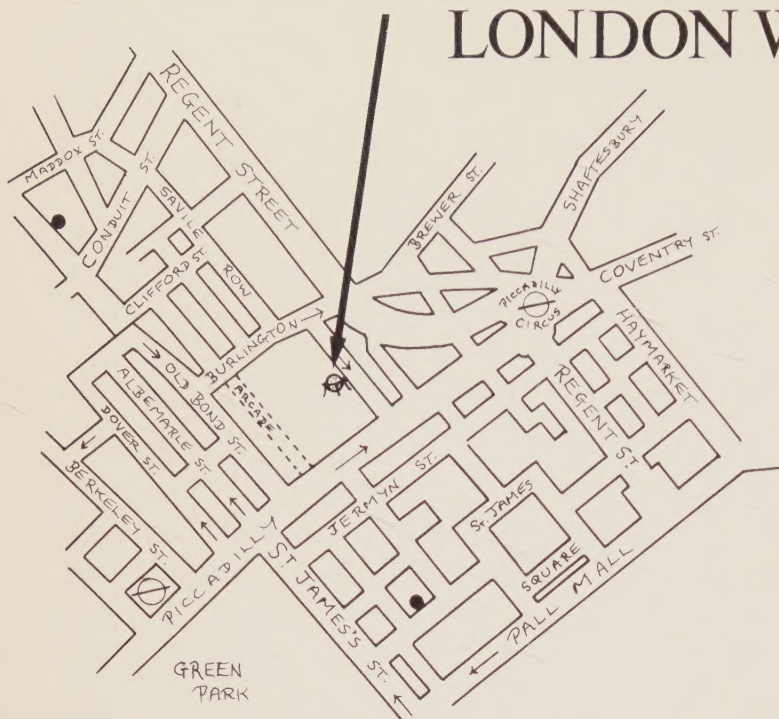
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Cover Illustration

A section from an 18th century French manuscript showing a native village outside the walls of Fort Mahé. (By courtesy of Weinreb and Douwma Ltd.)





RONALD VERE TOOLEY

Editorial

A happy Christmas to all our readers, contributors and supporters. Don't forget that a subscription for a friend to 'The Map Collector' makes a seasonable gift.

You have all made 1978 a very enjoyable year for the editorial staff and we are confident of your continued reader participation in 1979. The past year was one of progress with constantly increasing circulation and we welcome all new subscribers. The second year starts with a resolve by us to set an even higher standard of style and presentation but we are always open to new suggestions and ideas for improving the magazine. Don't forget that we need your views on our efforts – complimentary or uncomplimentary – so that we can provide the articles you want.

We start the Christmas issue with an article about the *Fauna of the Printed Map*, by Wilma George. She explodes the idea that some of these strange animals on antique maps were imaginary or drawn in by cartographers to fill the gaps where a place name was unknown and puts forward the theory that every animal, however strange in appearance, is based on a living animal of the period. Wilma George is well qualified to talk on this subject as she lectures at Lady Margaret Hall, Oxford, on zoology.

Your letters and comments have shown us that you enjoyed Bob Akers' last article on *Care and Handling of Maps* and we think you will be even more fascinated by his latest *History of Paper Making*. We all take paper for granted and forget that it has really only been made in this country for the last 500 years – not very long when seen in the context of history. It seems a sad reflection on our age that paper made today will last only a fraction of the time that the older, thicker and better quality paper has.

The book review and letter page seems to be spreading fast and should be a very helpful guide to the new books available. I know from experience how difficult it is to obtain details of books on cartography which newly appear from the presses. Thank you to all the dealers who have sent in their catalogues for the new *Catalogues Received* section. There was an instant response to our request for catalogues and some of those received have been of a very high standard.

The *Directory of Dealers* is not included in this issue but will be continued next time.

A cumulative index to issues 1-5 will be sent out with the March 1979 issue.



The first South American opossum to be shown on a map. It appeared in Waldseemüller's 'Carta Marina' of 1516 and although the head and general shape are correct, the pouch and nipples are displaced and the tail is too short. It seems likely that the artist who drew Waldseemüller's opossum, which was copied by later cartographers, constructed it from sketches. (By courtesy of The Bodleian Library, B.1.a.8 plate 19.)

by Wilma George

After years of research in many different parts of the world, Wilma George, who is Fellow and Tutor in Zoology at Lady Margaret Hall, Oxford, explodes what she believes to be the myth that animals on maps were often put there 'just to fill the space' where a cartographer was short of a place name or other information. Here she explains her theory and expands it into a fascinating history of how such animals as monkeys, opossums and rhinoceros came to appear on antique maps.

MANY MAPS OF THE sixteenth and seventeenth centuries show animals either on the map face or as part of a cartouche but why the cartographers used these animals is not always clear. It seems unlikely to have been 'only to fill up the empty places' or 'mask the unknown' as some authors believe.¹

In the great ages of exploration there were few towns to discover, the extent of rivers and mountain ranges was not immediately obvious but the abundant local fauna could embellish a map pictorially and could give positive information about the country. The great discoveries in South America in the sixteenth century were particularly suitable for this treatment.

One of the earliest printed maps, the woodcut world map of Martin Waldseemüller, 1507, had a typical South American animal, the long-tailed parrot or macaw. Macaws retained their popularity as representatives of the South American fauna. They are found on more than a quarter of the decorated maps of the sixteenth and seventeenth centuries. The later the map, the more likely macaws are to be found in a cartouche.

The 1516 'Carta Marina' of Waldseemüller has an opossum. This is one of the marsupial mammals of South America and attracted attention not only by its abundance in the trees but also by the curious fact that it carried its young in a bag under its belly. Vincent Agnes Pinzon reported that he caught a female with three young and shipped them to Spain in 1499 as a present for the King. Although the young did not survive the voyage, the mother lived to reach Granada.² It is likely that Waldseemüller's opossum was constructed from sketches of the animal. The head and general shape are correct but the pouch and nipples have become displaced and the tail is too short. The opossum remained a favourite animal on South American maps, almost as popular as the macaw. Most opossums were not new drawings but either tracings of Waldseemüller's animal or poor copies. For example, on the map of Peru and Brazil in Gerard de Jode's *Speculum Orbis Terrae*, 1593, there is an opossum similar to the Waldseemüller opossum and facing

, Ptol: dicit humilem
inibus irriquam.



Horses and cows grazing on Mercator's 'Asia VIII Tabula' from his *Tabulae Geographicae* 1578. (By courtesy of The Bodleian Library, Savile, Q.5.)



west but, instead of the hanging bag, two young suckle. This modified version had become common. Two years later, the Jacob van Langeren map of South America in Jan Huygen Linschoten's *Itinerario* has an identical opossum but she faces east.

The other popular representative South American map animals are the New World monkeys (with howlers taking on a special importance) llamas, armadillos, rheas, tapirs, giant anteaters and jaguars, in that order. New World monkeys date from the earliest manuscript maps and continue late to decorate South American cartouches. The howler monkey appears in recognisable form on the 1592 world map of Petrus Plancius and persists almost unchanged in the Willem Blaeu maps of the seventeenth century. At no time is it a particularly good likeness to the animal but is identified by the description that usually accompanies it on the map.³

In general, South American animals turn up on the maps in the order in which they were reported by the explorers, with intervals of some twenty to thirty years between the first report and the first picture. Llamas, for instance, reported by

Antonio Pigafetta in 1520⁴ appear in 1551 on a map of the world by Sancho Gutierrez and on a map of the New World in the *Sphere des deux Mondes* by Boileau de Bouillon in 1555 (though they were ten years earlier on manuscript maps). Llamas were brought to Europe and there is a record of one being shown in Antwerp in 1558.⁵

The tapir and the anteater were more difficult to depict. It is unlikely that either was shipped home alive in the early days of exploration and a dried skin is not a good model for illustration. It is not surprising to find that these two animals, which had been described early in the century by Martin Enciso in 1518⁶ and by Gonzalez Fernando Oviedo in 1535,⁷ made their first appearance on printed maps over fifty years later. Tapirs decorate the edges of the 1594 Petrus Plancius world map in Linschoten's *Itinerario* and then appear in the west of South America on the van Langeren map in the *Itinerario* of 1595. The best map drawing of a tapir is on a map of Brazil in Karel Allardt's *Atlas Major* as late as 1710.

Also slow to appear on maps was the anteater which first appeared on the Plancius world map in 1592. Little was



Deer are overwhelmingly the animals on maps of North America. Having been reported by the earliest visitors, they still feature as late as 1804 as shown by this elk in the cartouche of Aaron Arrowsmith's 'Map of America.' (By courtesy of The Bodleian Library (E) B.5. (114)).

known about it; the map caption describes it as a dangerous hunting beast. Until the middle of the seventeenth century, it is always depicted with the typical shaggy tail and with its young riding on its back under the upturned tail. The format is unchanging which suggests that the model for the sudden outburst of long delayed drawings in the early part of the seventeenth century was a skin. By the middle of the century, on a Joan Blaeu map of the world of 1648 and on a map of South America in Gerard Valk's *Nova et Accurata Totus Americae Tabulae* of 1654, the anteater acquires its typical long anteating snout.

It is more surprising that the armadillo (which had been shipped to Europe and of which there were skins from comparatively early days and which had been well described by Enciso) did not become a fully established map animal until the end of the sixteenth century. And yet Pierre Belon had drawn an armadillo in 1555 in *Les Observations de plusieurs Singularitez et Choses mémorables*. On a Jodocus Hondius map of 1599 there is a realistic nine-banded armadillo.

On the whole, the fauna of South America was well represented on maps. It was so new and different that it excited the public and the mapmakers alike.

The majority of mapmakers put two or three representative animals into South America, typically an opossum, a howler and a parrot; or made a cartouche with alligator, monkey, macaw and a South American rodent, like Thomas Jeffreys in the *American Atlas* of 1776. There were maps with more animals, like Hondius's map of Guiana in 1599, but it is rare to find more than eight animals on any one map.

In contrast to South America, North America is represented by the mapmakers as a continent with animals familiar to

Europe. This agrees with the character of the fauna which is a typically north temperate one. But only about two-thirds as many maps of North America have animals on them compared with South American maps.

Deer are overwhelmingly the animals of North America on the maps. They had been reported by one of the earliest visitors to the coast of the northern continent, Amerigo Vespucci.⁸ In 1497, he had reported stags, and in 1500, Gaspar Corte Real had seen shaggy caribou.⁹ Deer turn up in North America on the 1550 map of the world by Jacopo Gastaldi and they are still there as elk in a cartouche of a map of America drawn by Aaron Arrowsmith in 1804. After deer, bears and beavers and foxes or coyotes are the most popular with the cartographers, although they are found on only about a third of the decorated maps. It was easy to draw these animals because they were in Europe to be copied.

It is surprising to find so few maps with bison on them and so few with turkeys. North American bison existed in huge herds which had been noticed by the explorers and they would seem to be a significant animal to represent the new-found fauna. In 1547, Cabeza da Vaca¹⁰ described them precisely and, only a few years later, Sancho Gutierrez drew a North American bison on his map of the world. But bison were not popular with Dutch mapmakers and the Dutch were the main portrayers of the North American fauna.

The absence of turkeys from many of the illustrated maps of North America is curious. Domesticated turkeys had been seen by Cortes on his expedition to Mexico City in 1519-1520¹¹ though he described them as peacocks. By the 1530s, turkeys were being imported into Europe and had become part of the European diet for festive occasions¹¹ but no one

thought critically about the domestic bird's origin. Turkeys do not regularly appear on printed maps until the seventeenth century. One can be found on the Gerard Mercator map of Virginia and Florida in the 1606 Mercator-Hondius *Atlas* and they make their last appearance on a 1740 map of New England by Matthias Seutter.

Only comparatively few maps of the sixteenth century showed North America with animals and it was the Dutch mapmakers of the seventeenth century who were mainly responsible for providing a definitive fauna for the northern part of the New World. In 1635, Willem Blaeu's *Nouvel Atlas* populated North America with a fauna that resembled that described by Jacques Cartier a hundred years earlier.¹² In the southern part of the continent on a map of New Belgium and New England, Blaeu figured an almost complete North American map fauna. Later maps like that in the last edition of John Speed, in the *Prospect of the Most Famous Parts of the World* (1676) lost the turkey, otters, egrets and rabbits but beavers and deer survived longer.

During the sixteenth and seventeenth centuries, the New World attracted the greatest attention from the explorers. By the time James Cook took his naturalists to Australia and New Zealand the great age of illustrated maps was at an end. But there are at least two maps with kangaroos on them: 'La Terre Napoléon' by Louis de Freycinet in 1808 and 'New South Wales and Victoria' in the *Illustrated Atlas* by John Tallis in 1851.

But the Old World was not forgotten. Europe could still provide an interesting illustrated map in the hands of the inspired mapmaker. Like North America, deer were the favourites to represent Europe and Tartary, with a specification of type of deer: red deer, fallow deer, roe deer, reindeer, musk deer and elk. There are both wild and domestic reindeer on Anders Bure's 'Orbis Arctoi' of 1626 and a beautiful musk deer in a cartouche of Blaeu's map of Tartary and Samarkand in 1655. The musk deer had been known since at least Marco Polo's time.¹³ Following the deer are the bears but now there are polar bears which were uncommon on maps of North



As with North America, deer were favourites to represent Europe and Tartary. The musk deer had been known since Marco Polo's time or before and this fine example appears on Blaeu's map of 'Tartary and Samarkand.' (By courtesy of The Bodleian Library 2027. a. 43.)

America. Polar bears are conspicuous on the 1539 'Carta Marina' by Olaus Magnus and persist to a 1680 cartouche in Johannes van Keulen's *Zee Atlas*. Following these two conspicuous groups of north temperate animals, come a group of domestic animals: cows, sheep and horses occur in all parts of the world on some maps but they are only found significantly often on maps of Europe. In addition to horses, there are donkeys and mules as on a map of the world by Mercator-Hondius in 1608. Equally well represented are camels which occur on about one fifth of the decorated maps of Eurasia. In most cases, camels along with bears are in

The best map drawing of a tapir appears in Karel Allardt's *Atlas Major*. The tapir, along with a jaguar and capybara dominate the centre of Caspar van Baerle's map of part of the interior of Brazil which was first published in 1647 and was later used by Blaeu in 1662 in his *Atlas Major*.





Tartary. The Bactrian camel is still widely used in Tartary as a pack animal. The mapmakers are not always clear about which species of camel it should be: there are two-humped Bactrian camels on J. Franciscum's map of Palestine in 1557 and one-humped Arabian camels in Tartary and south of the Caspian Sea on a map of Russia, Muscovy and Tartary in Abraham Ortelius' *Theatrum Orbis Terrarum* of 1570.

Small mammals of the countryside, like squirrels and mice, turn up from time to time on maps of Europe but these maps have few birds.

Just as North America had its definitive faunal mapmaker in the Dutchman Willem Blaeu, so Europe had its definitive mapmaker in the Swede Olaus Magnus. His 'Carta Marina', 1539 and 1572, may not be a cartographic advance but, as far as it represents a natural history of Scandinavia, it is more dynamic than any other map. There is a certain activity among the macaws and the monkeys of South America and otters run off with fish in North America but most of the animals are static representations of their kind. But, among his own animals Olaus Magnus fills his map with movement, with observations of animal ecology and ethology. The morphology of the animals leaves much to be desired but the impressionistic pictures leave no doubt as to the identity of the animals and their activity. Reindeer gallop with their sledges, elk engage in

sexual displays, foxes catch rodents in Muscovy and the wild aurochs puts its horns down at the attacking horse and rider. Not all is observed from nature. Squirrels sail across lakes on rafts using their tails to catch the wind and the glutton squeezes itself between two trees to eliminate the remains of some huge meal on which it has gorged itself. But as a sixteenth century representation of the north European fauna Magnus' map has not been equalled.

Elephants are the favourite animals of the tropics of the Old World. They were well known in Europe as show animals. They had been imported for the ring since Roman times and they had been used for transport in war and in peace. More than half the maps that figure African or Asian animals use elephants. An elephant occurs in Africa on the map of the world by Waldseemüller in 1507 and continues on the 1516 'Carta Marina' by the same author to disappear from Africa as a representative in 1782, when elephants occur on the continent as well as in a cartouche on a map of the Dutch Colony of the Cape of Good Hope by L.S. de la Rochette. There are no animals in Asia on the Waldseemüller maps but the woodcut map of 1540 by Sebastian Münster in his edition of Ptolemy's *Geographia* has an inset elephant representing Ceylon and the elephant is still there in 1788, in a cartouche on a map of Hindustan by L.S. de Rochette.



Part of the 1572 Lafreri copy of Olaus Magnus' 1539 'Carta Marina'. As a representation of the natural history of Scandinavia it is more dynamic than any other map. The morphology of the animals leaves much to be desired but the impressionistic pictures leave no doubt as to the identity of the animals and their activity. Not all is observed from nature. A squirrel (lower right) sails across a lake on a raft using its tail to catch the wind and a glutton (lower left) squeezes itself between two trees to eliminate the remains of some huge meal on which it has gorged itself. (By courtesy of The British Library Board).

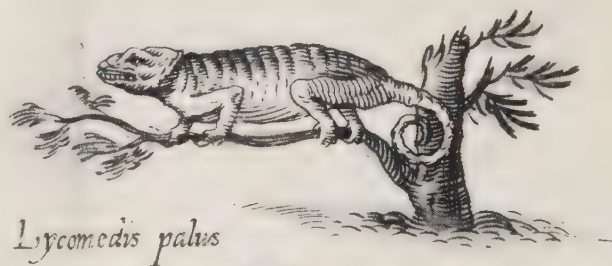
There is a similar if lesser emphasis on camels in both regions. The camel was a familiar animal in the Mediterranean area and was a favourite for shows and for royal menageries in northern Europe.

Rhinoceros occur on both continents but with much less regularity than elephants and camels, in spite of being drawn on Waldseemüller's map of 1516 in Africa. It seems that it was usually Indian rhinoceros that were brought to Europe and it is the one-horned Great Indian Rhinoceros that is figured on most maps regardless of whether it was put in Africa or India. Once the Albrecht Dürer rhinoceros of 1515 had become popular it was copied for most of the representations on maps.

Lions, too, are popular Old World tropical animals, associated more with Africa than with Asia by the mapmakers. But there the resemblance between the continents stops. There are many more maps, nearly four times as many, figuring Africa with a fauna than Asia. There are many more animals represented on the continent of Africa than Asia: at least thirty-five different animals occur either on maps of Africa or in cartouches (about the same number as for European maps) compared with twenty in Asia. In addition, there are individual maps that show Africa much more thickly populated with animals than Asia though none achieves the profusion of the Olaus Magnus map of Scandinavia. There are twelve animals on a map of



Totum latus meridianum Marmaricę ac Libyę exterioris



Lions are popular Old World tropical animals associated by the mapmakers mainly with Africa. (Top) A lion is seen burying its teeth into the back of a hyaena, further north is a Draco flying lizard. Some distance away, but on the same map, are an ostrich (middle) and a chameleon (bottom). All from Mercator's Africa III Tabula, 1578. (By courtesy of The Bodleian Library Savile Q.5.)



A section from the map of Asia drawn by Plancius for Linschoten's 1594 *Itinerario*. It shows an elephant, camel, a good one-horned rhinoceros and curiously, an animal that seems to represent a giraffe. (By courtesy of The Bodleian Library, Fol. © 544. b. pp22-3).

Africa by Jan Jansson in *Nouvel Atlas* of 1646 and nine, including a zebra, on a Hondius map of the northern part of Africa in Speed's *Prospect of the most Famous Parts of the World* of 1631. This compares with only an elephant in Asia in the same Speed publication. The maximum number of animals on any one map of Asia is six on a map drawn by Plancius for Linschoten's 1594 *Itinerario*. There are elephants, unicorns (oryx), camels, a good one-horned rhinoceros, a pheasant and, curiously, some animals that seem to represent giraffes.³

If the maps are anything to go by, then there are more reptiles in Africa than anywhere else in the world. Maps of Africa have crocodiles, snakes, chamelions, Draco flying lizards, a number of other miscellaneous lizards and tortoises. Similarly, and perhaps more correctly from a scientific point of view, maps of South America have a greater diversity of birds than anywhere else. The maps have six different

recognisable birds from the popular parrots and rheas to the humming bird together with several generalised birds that are difficult to identify.

The great age for animals on printed maps was undoubtedly the sixteenth century and the early part of the seventeenth century. There was still an abundance of wild animals in the comparatively unchanged natural habitats of the world and the fauna and flora was an important geographical characteristic to be represented on maps. There are a number of world maps, Sebastian Cabot's 'Mappemonde' of 1544 for example, that are populated all over by animals but, on the whole, it is the regional maps that are the most prolific and the most interesting.

References:

- 1 I.J. Curnow, *The World Mapped*, London, 1930, p.9.
- 2 J. Ogilby, *America*, London, 1671, p.59.
- 3 Map animals are described and identified in Wilma George, *Animals and Maps*, London, 1969.
- 4 Stanley of Alderley, *The First Voyage Round the World by Magellan*, Hakluyt Society 52, 1874, p.46.
- 5 P. Delaunay, *La Zoologie au Seizième Siècle*, Paris, 1962, p.166.
- 6 M.F. de Enciso, *Suma de Geographia*, Seville, 1518. Translated by E.G.R. Taylor, *A Brief Summe of Geographie*, Hakluyt Society, 2nd series 1931, p.175-176.
- 7 G.F. Oviedo, *Primera Parte de la Historia Natural y General de Las Indias*, Seville, 1535, Translated by R. Eden, *The History of Travayle in the West and East Indies*, London, 1555, p.202.
- 8 R. Levillier (editor) *Amerigo Vespucci: El Nuevo Mundo*, Buenos Aires, 1951, p.277.
- 9 C.R. Markham, *The Journal of Christopher Columbus and Documents Relating to the Voyages of John Cabot and Gaspar Corte Real*, Hakluyt Society 86, 1893, p.233.
- 10 M. Bishop, *The Odyssey of Cabeza de Vaca*, New York, 1933, p.98.
- 11 F.E. Zeuner, *A History of Domesticated Animals*, London, 1963, p.459.
- 12 H.P. Biggar, *The Voyages of Jacques Cartier*, Public Archives of Canada 11, 1924.
- 13 H. Yule and H. Cordier, *The Book of Ser Marco Polo*, London, 1903, p.274-275.

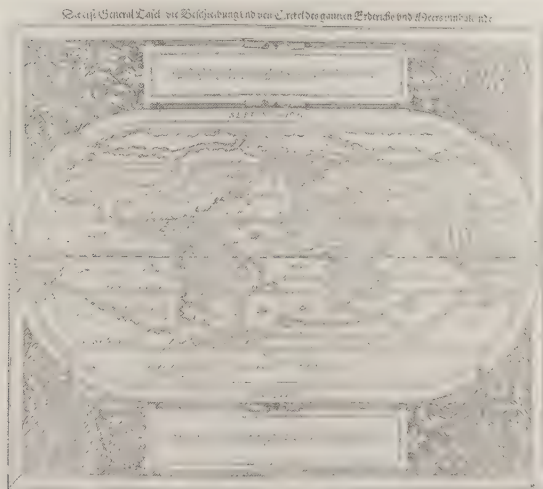


Unicorns (oryx) were formerly found in the deserts of northwest India) on Linschoten's map of Asia. (By courtesy of The Bodleian Library ... Fol. © 544.b. pp22-3).

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History of Paper-Making

by Bob Akers

Paper first came to Hertfordshire, England, in 1490 and to begin with paper-makers were sworn to secrecy so that their competitors could not copy their methods. But through early engravings it is possible to trace how their craft developed and in this article, Bob Akers gives us the entire history of paper making from the earliest times until the present day.

IT IS ALMOST certain that primitive man used maps, as some form of graphic communication would have been vital to pass on information about where to find the best hunting grounds.

From early times many different kinds of material have been used for recording and these have included stone, clay, wood, palm leaves, linen, wax, metal, ivory, bone and papyrus. It is unlikely that many map collectors, other than museums, will have examples of maps recorded on these early materials. Probably the only pre-paper material of interest to most map collectors would be vellum, parchment and other animal skins.

Vellum and Parchment

The importance of vellum, parchment and other skins as writing materials is considerable. Among their advantages are strength, durability and general excellence as a writing surface; for these qualities they were especially favoured by early cartographers and calligraphers. Many beautiful maps and sea charts, some finely illuminated with silver and gold, were produced on vellum. Usually these are individual maps or charts. It was not until paper had begun to replace the expensively produced vellum that editions of maps and atlases could economically be printed from engraved plates. The terms 'vellum' and 'parchment' were historically synonymous, but in their modern form vellum is made from the full thickness of a calf or goat skin while parchment is usually made from the inside lining or flesh side of a split sheepskin. For every large sheet of vellum or parchment an animal would have been slaughtered and a large monastic bible required the slaughter of a whole herd of animals!

Parchment and vellum are still prepared today by similar methods to those used by the first European parchment makers.

The flayed skins are washed, soaked in lime, scraped to remove the unwanted fat and hair and washed again. The wet pelt is then dried at room temperature, under tension, and stretched on wooden frames. When dry, and still under tension, further skilful scraping is carried out, using a half-moon shaped blade to remove surface irregularities and produce a surface

of even thickness. Finally the surface is cleaned and rubbed with abrasive powders to produce a fine finish receptive to ink. Vellum and parchment are still used for the highest quality work such as charters, memorial scrolls, and diplomas. Unfortunately, modern methods of intensive farming have resulted in a gradual deterioration of skin quality so that recently produced vellum and parchment tends to compare less favourably with the medieval product.

Paper

Paper was first made in the Orient about two thousand years ago. Like many innovations in history, the art of paper-making evolved gradually and more than a thousand years passed before its introduction to Europe.

Almost all contemporary sources give the date of the invention of paper as AD 105 and the inventor as T'sai Lun a Chinese eunuch and prominent court official. However, it is now thought that a kind of paper produced from silk may have preceded T'sai Lun's paper by about 140 years.

The first sheets of paper produced at this time were made from raw and woven silk by a process which despite intensive mechanisation is fundamentally still the same today. Silk rags which had been soaked in water were placed on a stone and beaten with sticks or mallets until the fibres separated into individual filaments and become fibrillated. They were then transferred to a vat and intermixed with a large quantity of water. A mould, a shallow frame with a sieve-like base of thin bamboo strips interwoven with horsehair, was dipped into the vat and some of the mixture lifted out. The water drained back into the vat through the sieve leaving behind a thin layer of fibres. As the water drained away the mould was shaken to matt the fibres together and form a soft pliable sheet of paper. The newly formed sheets were then dried in the sun.

Eventually silk gave way to vegetable fibres of flax and hemp. Almost perfect examples of ancient paper over two thousand years old have been discovered in archaeological sites in North China and Central Asia where the dry climate preserved them. These finds would certainly seem to prove the long-lasting qualities of early paper.

It was not until the eighth century that the knowledge of paper-making began to spread from China westwards. It was

during a battle fought by the Chinese in Turkestan that some skilled paper-makers were taken prisoner. They were set to work making paper in Samarkand. This area was very suitable for the manufacture of paper owing to the abundance of flax, hemp and pure water. From Samarkand paper-making spread to Egypt and then to Morocco in about 1120. The Moors brought it to Europe-first to Spain (Xátiva 1150) and later to France (Herault 1190). The mills at Fabriano, Italy were established in 1260 and fine paper is still made there today.

The first mills in Germany were established at Nüremberg in 1389 and paper making spread across Switzerland and the low countries eventually reaching Hertfordshire, Great Britain in 1490. The Scandinavian countries, now great paper-making nations, started making paper firstly in Sweden 1532 and then Norway 1698. Paper-making was introduced to North America in 1690 by William Rittenhouse who had learned the craft in his native Germany. The craft of paper-making thus taking almost two thousand years to encircle the world.

Very little information was published during this early period about the art of paper-making. A knowledge and instruction was only to be acquired by a long and often expensive apprenticeship in a paper mill. Workers were often sworn to secrecy and no craftsman would have seen any advantages in sharing his knowledge or secrets of his trade with competitors. However, early engravings provide an interesting historical source of information of paper making in Europe. From them information on methods of manufacture can be deduced and it is possible to describe with some accuracy the equipment used by early craftsmen.

Appearing in most engravings are the vat, in which the fibres were mixed ready for the mould, the drying felts and the press. The presses were large cumbersome wooden constructions and pressure was applied via a wooden turnscREW to which a long pole was inserted and turned by four or more men. Some of the engravings show the three members of the paper-making team, the vatman who dips the mould, the cou cher who transfers the paper from the mould to the felts and the layman who separates the sheets from the felts after pressing to remove the excess of water.

At this stage the untreated paper is called 'waterleaf' and is highly absorbent rather like blotting paper. To fill the spaces between the fibres and make the surface suitable for writing or printing the paper, after being dried, has to be subjected to a further operation called sizing. The amount of size depends upon the use to which the paper is to be put. Writing paper usually needs more size than printing paper. In Europe, early paper-makers dipped the sheets into large vats of animal gelatine. The excess size was removed by pressing and the sheets were hung over horsehair ropes in the drying loft for several days.

Although the Europeans learned the principles of paper-making from the Orient they soon devised new and easier methods of production. The time consuming and laborious beating operation carried out by hand was replaced by a waterpowered stamping mill as used at Xátiva, Spain, in the twelfth century. A waterpowered wooden cam lifted a series of large wooden hammers to pound the pulp contained in wooden or stone troughs. The bamboo paper-making mould of the Orient was replaced by a rigid hard wood frame containing a series of parallel wooden ribs crossed with closely spaced brass wires. These left impressions called laid lines on the paper. Perpendicular to the laid lines were chain lines made by the fine wires used to sew the laid wire to the ribs. These papers when held up to the light have a ribbed or lined appearance and give rise to the term 'laid' papers. The distance between the 'laid' lines on early European papers can vary considerably between 12mm ($\frac{1}{2}$ in) and 50mm (2in). Unfortunately,

these differences in the laid lines of early papers provide little or no information to help determine the date or location of manufacture.

A wooden frame called a deckle was added which fitted over the mould to form a raised edge preventing the watery pulp from escaping over the edge of the mould. The deckle produces a slightly irregular feathery edge round a sheet of paper caused by the pulp flowing between the frame and deckle of the mould hence the term 'deckle edged' paper. These irregular edges are sometimes found on maps and should not be considered an imperfection to be removed but retained as proof of the original dimensions of the sheet. Today the deckle edge is often equated with quality and is simulated on certain papers made by machine.

The most important step forward in mould making was made in the 1750's when a method of weaving fine gauge brass wire into a form of metal cloth was discovered. This invention removed the necessity for laid wires and made possible the production of a smoother surfaced 'wove' paper. Its introduction is credited to the English printer and typefounder John Baskerville most probably because his widely acclaimed 1757 edition of Virgil was the first book in Europe to be printed on 'wove' paper. A more likely source for the innovation is now acknowledged as the Turkey Mill then located at Maidstone, Kent. The introduction of 'wove' paper in 1750 provides a helpful guide for dating purposes. Maps dated prior to 1750 and printed on 'wove' paper should, therefore, be treated with some suspicion.

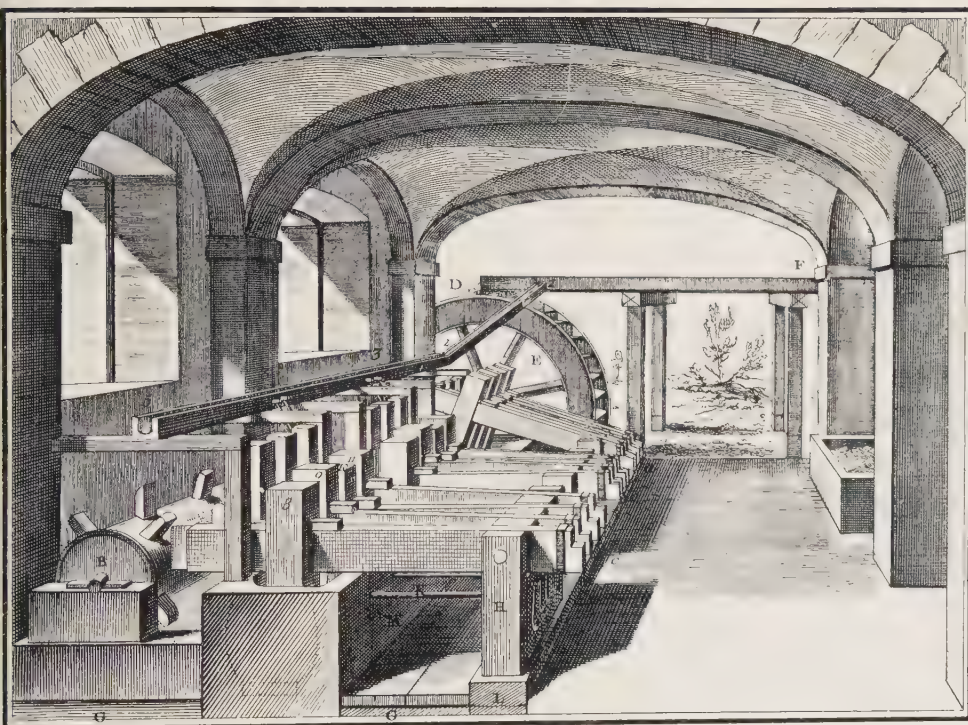
Early paper mills were usually on or near streams or rivers which provided abundant supplies of water not only for the paper-making process but also to drive the machinery by which the materials were pulped. A site near a town that provided close links with printers and merchants also seemed desirable to obtain the best possible reward for work and enterprise.

Great skill and stamina were required to repeatedly produce sheets of uniform smoothness and thickness. Many of the earlier hand made papers were coarse containing small lumps and were frequently of an uneven thickness. The average dimensions of paper made in the fifteenth century European moulds was approximately 350mm by 230mm (14in x 9in), larger sizes of about 460mm by 660mm ($18\frac{1}{2}$ in x $26\frac{1}{2}$ in) were produced though not in large quantities. The larger the mould the more difficult it was to make, the heavier it becomes when filled with pulp and the slower the production. Obviously the size of paper available directly affected printers and determined the size of the maps produced. Large maps were made by printing and then sticking a number of sheets together. The famous Whatman and Company Mill in Kent made one of the largest sizes of hand made paper called *Antiquarian* measuring 770mm by 1325mm (31in by 53in). A whole team of craftsmen aided by mechanical lifting devices were needed to raise the mould from the vat and couch the paper. Hand made papers can, of course, be made to any desired dimensions depending upon the mould. The following is a selection of the best known traditional European paper sizes:-

<i>Pott</i>	312 x 387mm	12½ x 15½ inches
<i>Foolscap</i>	337 x 425mm	13½ x 17 inches
<i>Crown</i>	375 x 500mm	15 x 20 inches
<i>Demy</i>	437 x 562mm	17½ x 22½ inches
<i>Medium</i>	450 x 575mm	18 x 23 inches
<i>Royal</i>	500 x 625mm	20 x 25 inches
<i>Imperial</i>	550 x 750mm	22 x 30 inches
<i>Elephant</i>	575 x 700mm	23 x 28 inches
<i>Atlas</i>	650 x 850mm	26 x 34 inches

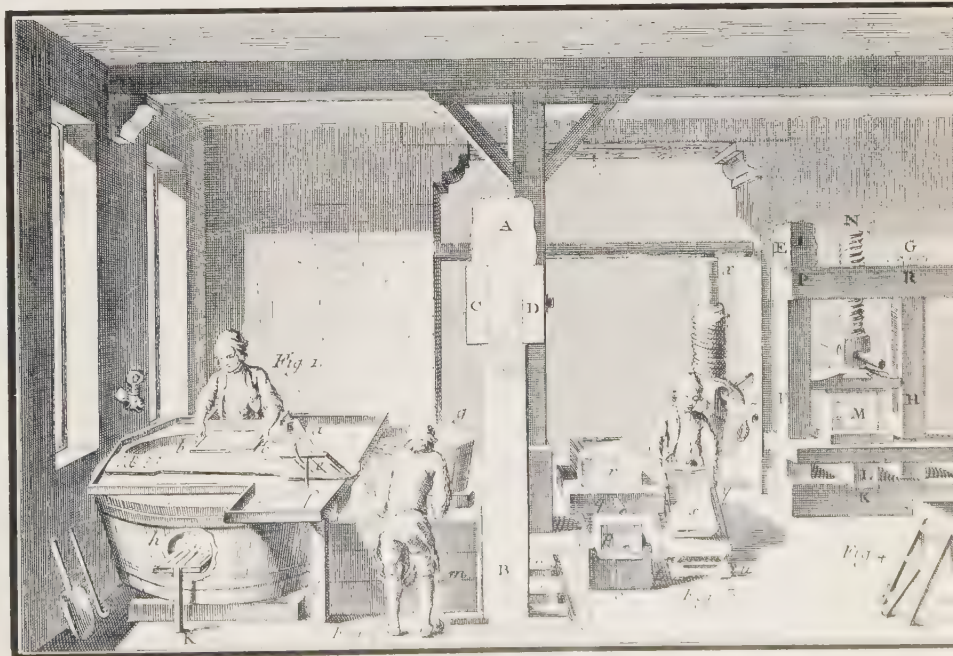
Atlas, as the name suggests, was originally made for large atlases and maps. Unfortunately, some of these names and

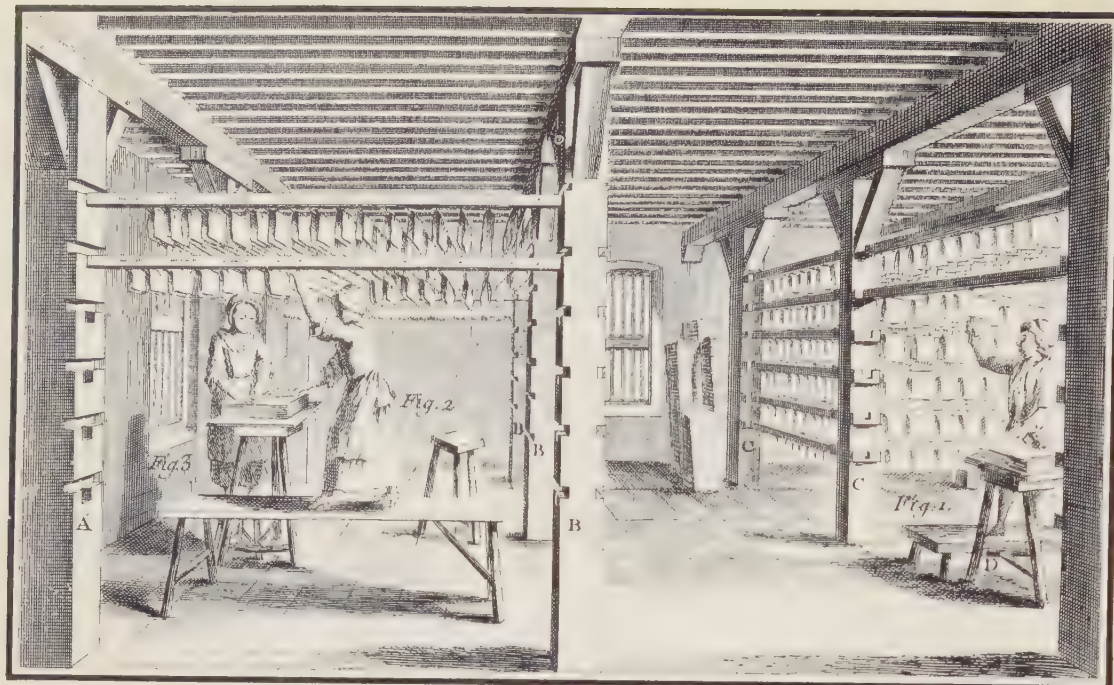
Rag sorting in an early French papermill. The rags were graded according to quality and cut into pieces.



Early waterpowered stamping mill used to reduce rag materials into usable fibres for paper-making.

Paper-making in Europe in the sixteenth century showing the vatman, couler and layman at work making paper. Also shown are the heavy presses used to remove water from the 'post' of newly formed sheets of paper.





The drying loft of an early European paper mill. After the final pressing the damp paper being hung on ropes woven from cow or horse hair to dry.

Early engraving showing the preparation of the animal gelatine size and the sizing of the paper. When the sizing had dried the sheets were burnished and made ready for market.

sizes are now obsolete and have been or are being replaced by the rather unexciting and unimaginative metric paper sizes. However, a knowledge of the traditional terms can be helpful as they are still used by the antiquarian map and book trade.

A major change took place in paper-making when the Hollander beater was introduced in 1680. The machine named after the country in which it was invented was eventually to replace the enormous waterpowered stamping mills with their heavy pounding hammers. The early Hollander beater was constructed quite simply of a wooden tub with a stone bed over which rotated a roller embedded with metal bars or knives. Water and rags were placed inside the tub so that as the roller turned it kept the rags and water in motion and macerated

the cloth between the bars and the stone bed. The introduction of the Hollander beater not only speeded-up the rag pulp preparation process but it was also made more flexible, permitting the ultimate shape and size of the fibres to be varied considerably. Like many innovations the Hollander beater was often criticised. The most frequent complaint was that it tended to cut rather than beat the rag fibres thereby leading to the production of paper with less strength.

At the turn of the seventeenth century paper-makers started to use the newly discovered chloride of lime as a bleaching agent. This not only made it possible to bleach the traditional rag materials to produce whiter papers but also enabled stained and coloured rags previously considered unusable to be used for paper-making. Unfortunately, there was an initial tendency to overbleach and as a result some papers deteriorated rapidly.

The need for greater quantities of cheaper paper coupled with labour problems provided the impetus for the development of the first paper-making machine in 1798. The first machine was made by Nicholas-Louis Robert who devised a crude crank operated machine which formed paper by depositing liquid pulp on a moving wire screen. Many experiments and further developments took place before the first machine began commercial production at Frogmore Mill, Hertfordshire in 1804. The machine owed much of its success to the engineering genius of Brian Donkin and to the financial backing of the Fourdrinier brothers, after whom the machine came to be named. The development of the Fourdrinier paper-making machine was one major technological advance that did not increase output at the expense of quality. Providing the same materials were used the machine made product was of equal quality to its hand made counterpart. Machine made sheets tend to have a smoother and more even surface than the hand made sheet but the continuous flow-method of production imparts a pronounced machine direction or grain. Consequently, the machine made sheet is stronger in one direction than the other whereas in the hand made sheet there is little or no difference in strength between the two directions.

A direct result of the introduction of the paper-making machine was the eventual mechanisation of the complete paper-making process and the production of much cheaper paper to feed the growing needs of education and commerce. It was inevitable in these circumstances that the problem of supplies of raw materials would soon reach crisis point.

The shortage of raw materials was always a constant problem for the paper-maker. Cotton and rags were the raw materials of the expanding industry and towards the end of the seventeenth century the demand was already beginning to outstrip supply. In some countries the scarcity of rags became a matter of national interest and laws were passed forbidding their export. By the nineteenth century, with an ever increasing number of books being printed, the demand for paper became enormous and the search for an economical substitute for rags more and more urgent. Experimentation with new materials was encouraged by learned societies who offered prizes for paper made with alternative vegetable materials containing fibres. Attempts were made to make paper from a variety of different substances including thistles, potatoes, corn husks and cabbage stalks but none of these proved to be a suitable substitute for rags. What was needed was a new material that was cheaply available in abundant quantities and could be quickly processed into paper.

Eventually it was wood that showed the greatest promise. The potential of wood as a paper-making substance had first been suggested by the French scientist René Antoine Réaumur who had been impressed by the ability of wasps to make paper nests from wood. Initially, there was considerable resistance to the use of wood as a paper-making material and it was not

until 1840 when a German weaver named Friedrich Keller made a wood grinding machine to defibre wood that the new material began to be taken seriously. Once started, the use of wood for paper-making spread to other countries.

The groundwood process provided a cheaper and more readily available paper-making material. Unfortunately, its preparation produces extremely short fibres and retains a large amount of the lignin binding material that held the fibres together within the tree. Lignin breaks down easily into acidic components which attack the paper and cause it to deteriorate rapidly. Despite these shortcomings groundwood pulp production soon began to satisfy the need for a cheaper paper for newspaper and other publications of an ephemeral character. There remained a need for a durable paper the cost and quality of which would fall between an expensive rag and a poor quality groundwood paper.

Charles White and Hugh Burgess took the first steps towards meeting this need. In 1851 they began experiments on the manufacture of pulp from wood by mixing it with caustic soda and boiling under pressure to break down the wood into pure cellulose fibres and remove unwanted impurities. Subsequent developments by chemists and chemical engineers have made wood the principal source of paper-making material. The modern chemical processes of pulp preparation has made possible the production of a wide range of papers free from harmful impurities and suitable for high grade work. Chemically purified wood fibre pulps are given different names depending upon the process used. Soda process was introduced in 1886, sulphite pulp in 1884 and sulphate in 1910.

The search for new paper-making materials was not confined to wood. A great amount of experimental work was also carried out on straw but it was found that straw is not easily converted into pulp. In England Thomas Routledge successfully pulped Esparto grass which grows in abundant quantities in Spain and North Africa. Esparto grass produces an opaque paper with a soft compressible surface suitable for printing.

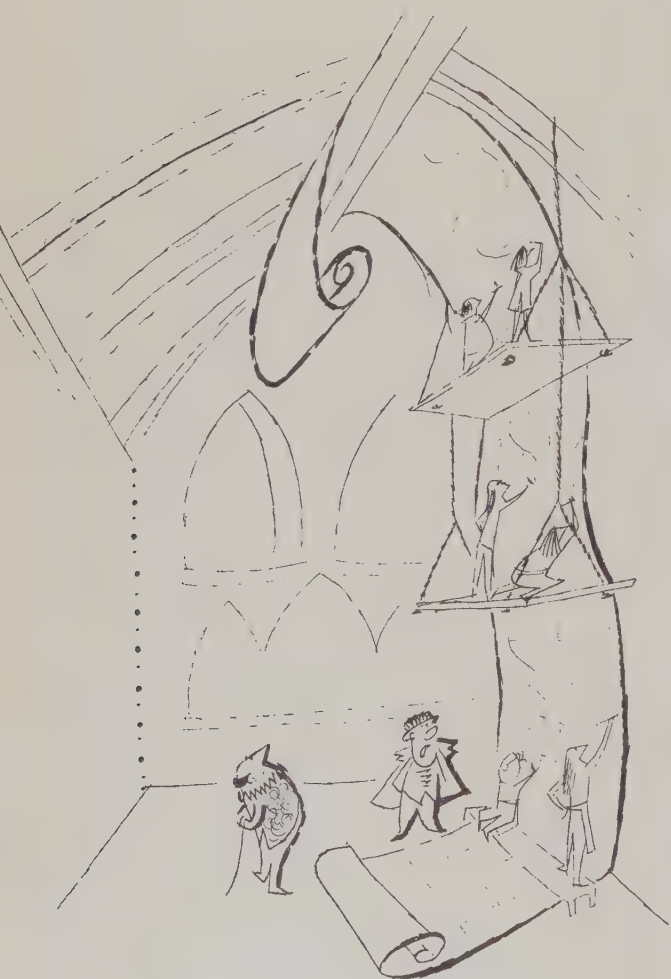
There exists today a wide variety of different papers which fill a large number of different roles in modern life. Of course the nature of each paper depends upon the fibres, the method used to fibrillate and refine the fibres, the making or felting process, the various substances added and the after treatment given. For example fillers and coatings are added to produce the present day 'glossy' papers. Obviously, the paper must be suited to its purpose, if permanence is required then the correct quality must be selected. Acid-free papers too are now available with a buffer present to neutralize any possible acid contamination.

Plastic alternatives to paper are marketed but so far these have been unable to compete on equal terms with traditional papers. Synthetic fibres such as nylon are used to produce papers that are extremely strong. Large folding maps are now offered for sale printed on either traditional paper or 'Syntosil' made from synthetic fibres which offers the advantage of being almost untearable and can, if necessary, double as a groundsheet or waterproof cape.

Anyone concerned about the future of their collection may consider it fortunate that most of the early maps were printed on papers made from rags free from impurities and chemical additives. It is, therefore, reasonable to assume that if they have lasted a few hundred years they will, if stored under proper conditions, last much longer. It is the modern papers from the mid-nineteenth century onwards that tend to deteriorate more quickly and present the biggest problem to all those concerned with preserving rare and valuable maps for future generations to enjoy.

Large Scale English County Maps and Plans of Cities not printed in Atlases

by R.V. Tooley



WAIT A MINUTE, ISN'T THE SCALE
ONE TO CLX, AND NOT ONE TO X??

ONE OF THE most notable achievements in map production in eighteenth century England was the beginning of large scale scientific surveys of the various counties of the British Isles — a feat without parallel elsewhere.

It started right at the beginning of the century with Gascoigne's 'Cornwall' on fourteen sheets about 1700, with a second edition in 1730. This was followed by Gordon's 'Bedford' on two sheets in 1736, followed by a spate of surveys as the century progressed.

The political stability of England after the rising of 1745 (which in itself underlined the importance of reliable maps and led to General Roy's triangulation), the increase of wealth and influence brought by the establishment of its' overseas colonies and the growth of the county seats, all contributed to making a settled living for a body of professional surveyors. A great inducement in this direction was the award offered by the Royal Society of Arts in 1759 of £100 for the best large scale map. The first to succeed was Donne's map of 'Devon', 1765.

The maps in the eighteenth century were issued in sheets in black and white for approximately four shillings a sheet. Taylor's 'Hereford' on four sheets sold for sixteen shillings and Yates' 'Lancashire' on eight sheets for £1 12. Copies could be bought hand coloured for five shillings extra and a further charge was made for bound copies with printed title and index. A few copies were sold as wall maps on rollers and such examples on eighteenth century rollers are highly prized.

The mapping of the counties continued into the nineteenth century and a favourite method of presentation was to mount the map on linen, fold it to quarto size and sell it in a leather case, the individual maps having tabs to indicate the sequence.

It is surprising that in spite of their importance these excellent productions were lightly esteemed; few collectors were interested and many public libraries had gaps even on surveys of their own county. One exception was a Mr Todhunter who had a remarkable collection of all the main counties but failed to find a buyer and his collection was dispersed. At that time their value was small. In 1923 Rocque's 'Berkshire' only fetched £5. Martyn's 'Cornwall' £2 10s. Yates 'Lancashire' £4 and Andrew and Dury's 'Hertfordshire' £6.

Today's value ranges from £100 to £500. Large scale county maps were first listed in *Maps and Mapmakers* in 1949. In 1960 they were described by E.M. Rodger who added the quarter inch maps of Bowen's atlas and gave a useful list of locations.

In this issue we are starting the publication of a list in part-work form describing the items in greater detail with a scale limit of half an inch to a mile and for the first time adding Plans of the Principal Cities which were published separately. Part One covers Bedfordshire only but succeeding parts are intended to list two or three counties at a time, not necessarily in alphabetical order. In recent years libraries have increased their holdings and local maps can usually be examined in local libraries. The British Library now has a practically complete range of these important productions.

Part 1

BEDFORDSHIRE

Bd1 Bryant, Arthur: *Map of the County of Bedford from Actual Survey by A. Bryant in the years 1825 and 1826. Respectfully dedicated to the Nobility, Clergy & Gentry of the County. Published by A. Bryant, 27 Great Ormond Street, London, September 1st. 1826. Engraved by Hoare and Reeves, London.*

Scale 2 miles = 175mm (1½ in to 1 mile)

Shows towns, parishes, villages, gentlemen's seats, churches, commons, roads, lanes and bridle ways, toll bars and fox covers. Table of ecclesiastical divisions. Insert of detached piece of Bedfordshire one mile S.E. of Studham.

Bd2 Cruchley, G.F: *Cruchley's County Map of Bedford Showing all the Railways & names of Stations, also the Villages, Turnpike Roads, Gentlemen's Seats etc. Improved from the Ordnance Surveys, London:*

Published by Gall & Inglis, 25 Paternoster Square, Edinburgh: Bernard Terrace. [1875].
 Scale 7 miles = 101mm
 Includes chief places of county election, polling places, borough boundaries and geological notes. e.g. Woburn Sand with Fullers Earth. Wrapper title: *Cruchley's Railway and Station Map of the County of Bedford. Sixpence colored.* Gall & Inglis. Edinburgh: Bernard Ter./ London: 25 Paternoster Sq.

Bd3 Gordon, William: *An Accurate Map of the County of Bedford. Actually Survey'd after a New method.* By William Gordon 1736. I. Carwitham Sculp. [660 x 940mm]. Title within scroll cartouche top left. Top right large dedication to Henry Duke of Kent *Custos Rotulorum* of the County of Bedford with allegorical figures and vignette below of surveyors doing field work, including the pedometer or wheel.

C & J Greenwood's map of Bedfordshire 1825. By courtesy of The British Library Board (Ref. Maps 23. c. 1 (1)).

Scale 3 miles = 75mm
 Index Villaris in two columns bottom right, with names of the chief person's estates bear the names of their noble owners usually with their coats of arms (to which there is a heraldic colour guide). Included below the dedication is a note 'The Surveyor Publicly acknowledges Grey Longueville Esq. to have been a Generous Encourager of this Work.'

Bd4 Greenwood, C and J: *Map of the County of Bedford, From an Actual Survey made in the year 1825, By C & J Greenwood, most respectfully Dedicated to the Nobility, Clergy & Gentry of the County, By the Proprietors Greenwood, Pringle & Co., Regent Street, Pall Mall, London. Published May 1st, 1826.* (855 x 1052mm).
 Scale 5 [= 9mm – 1 in = 1 mile]
 Large vignette bottom right: *South West View of Woburn Abbey. The Seat of His Grace the Duke of Bedford.* R. Creighton Del^t. W. Woolnoth



Shows county, hundred and parish boundaries, market towns, villages, roads and toll bars, churches, chapels, castles, priories, heaths, commons, canals, parks and pleasure grounds, wind and water mills.

Bd5(a) Jefferys, Thomas: *The County of Bedford surveyed Anno MDCCLXV, and engraved by Thomas Jefferys, Geographer to His Majesty*. 8 sheets (1860 x 1150mm total dimensions).

Scale 4 statute miles = 200mm
Dedication to John Duke of Bedford. Pictorial titlepiece of country scene.

Shows market towns, parishes, churches, noted houses, farms, cottages, different types of roads, distances from London and distances from Bedford. NB. The ninth sheet is a general map of the county. In this survey the great angles were taken by the theodolite and the roads were measured by the chain and transcribed in the plane table in the field. Inset: A plan of Bedford 290 x 287mm.

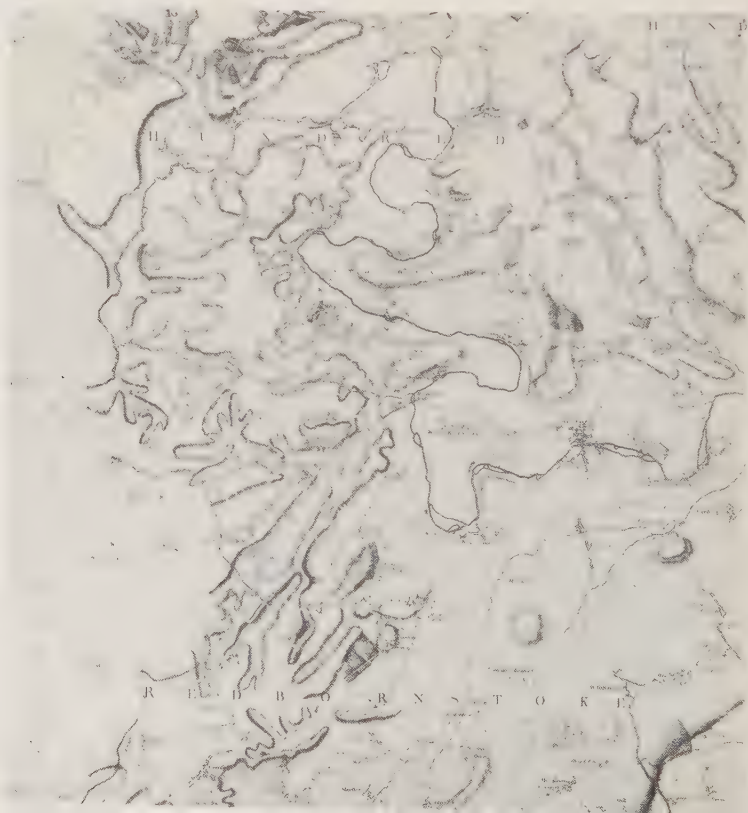
Scale 20 chains = 84mm

(b) Jefferys, Tomas: *The County of Bedford ... Second Edition. Published by W. Faden, Geographer to His Majesty and to His Royal Highness the Prince of Wales, Charing Cross Oct. 1st. 1804.*
8 sheets (1155 x 1860mm).
Dedicated to John, Duke of Bedford.
Scale 4 miles = 197mm (2 inch to mile)
Inset plan of Bedford 290 x 287mm

(c) Jefferys, Thomas: *The County of Bedford reduced from the Eight Sheet Survey by the late Thos. Jefferys*. Published by W. Faden, London, Oct. 1st, 1804. (525 x 690mm).

TOWN PLANS

Bd6 Mercer, F.T: *Map of the Borough of Bedford shewing extensions & to the year 1884 From Actual Survey Prepared by Francis Thomas Mercer, Architect and Surveyor, Bedford.* (203 x 318mm).





Title cartouche (below) and detail (left) from 'A Pictorial Map of Luton, the Great Straw Bonnet Emporium. With Elevations of the Principal Buildings Warehouses &c.' by R. Todd. By courtesy of The British Library Board (Ref. 1380 (1)).

Bd7 [Ordnance Plan of the Town of Bedford]: 23 sheets and index sheet. Southampton, 1884.
Scale 1 : 500 (10.56 feet to 1 mile)

Bd8 Biggleswade: [Ordnance Plan of the town of Biggleswade] Southampton, 1883. 10 sheets and index sheet.
Scale 1 : 500 or 10.56 feet to a mile

Bd9 Dunstable: [Ordnance Plan of the Town]. Southampton, 1880. 8 sheets and index.
Scale 10.56 feet = 1 mile

Bd10 Harlington: [Ordnance Plan of the Parish of Harlington] Southampton, 1882.
Scale 25.344 inches = 1 mile
3 sheets and index sheet and area book.

Bd11 Leighton Buzzard: [Ordnance Plan of the Parish of Leighton Buzzard]. 9 sheets with index sheet, Southampton [1881].
Scale 25.344 inches = 1 mile

Bd12 Leighton Buzzard: [Ordnance Plan of the town of Leighton Buzzard]. 10 sheets with index 1880.

Bd13 Luton: [Plan of the town of Luton in the county of Bedford by Henry Davies, Standidge & Co. Litho 77 Cornhill London 1842. Henry Davies, Surveyor, Kimpton, Herts. (686 x 787mm).
Scale 15 chains = 117mm
Vignette of church top right unsigned.

Bd14 Luton: *A Pictorial map of Luton, the Great Straw Bonnet Emporium. With Elevations of the Principal Buildings, Warehouses &c. With a Reference by R. Todd. Luton, Beds. 1853.* With accompanying guide blue paper wrapper. pp 12 text and 12 views of church, town hall, chapels, Luton Hoo etc. (876 x 1067mm).
Scale 7 chains = 58mm



Bd15 Woburn: Ordnance Plan of the Parish. 5 sheet with index sheet (1882).
Scale 25.344in = 1 mile

Bd16 Wootton: Ordnance plan of the parish. 4 sheet with index sheet, Southampton 1883.
Scale 25.344ins = 1 mile

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Fig. 1
 Petrus Kaerius, map of Holland of 1596. This is the first map having a decorative border with town arms (Algemeen Rijksarchief, Den Haag).



Some Decorative Maps of Holland 1569-1610

by Günter Schilder

The map trade of the seventeenth century was dominated by the Dutch who set standards of style and presentation which have possibly never been surpassed. One of the most attractive of their innovations was the decorative border illustrating local customs, rulers, trades and town views. In this article, Günter Schilder traces the significant early development of marginal views through decorative maps and gives a cartobibliographical survey of the maps of Holland published between 1596 and 1610, which do not appear in commercial atlas editions.

THE MAPS OF HOLLAND produced around the turn of the 16th and 17th centuries are highly decorative and can be considered to be among the jewels of Dutch cartographic engraving. The maps of England (1590) and France (1591) by the Flemish engraver Jodocus Hondius (1563-1612), who

had emigrated to London, had a decisive influence on the development of map design which reached its zenith in Amsterdam in the 17th century. Scientific orientation of map making after the middle of the 16th century had eliminated the picturesque element of

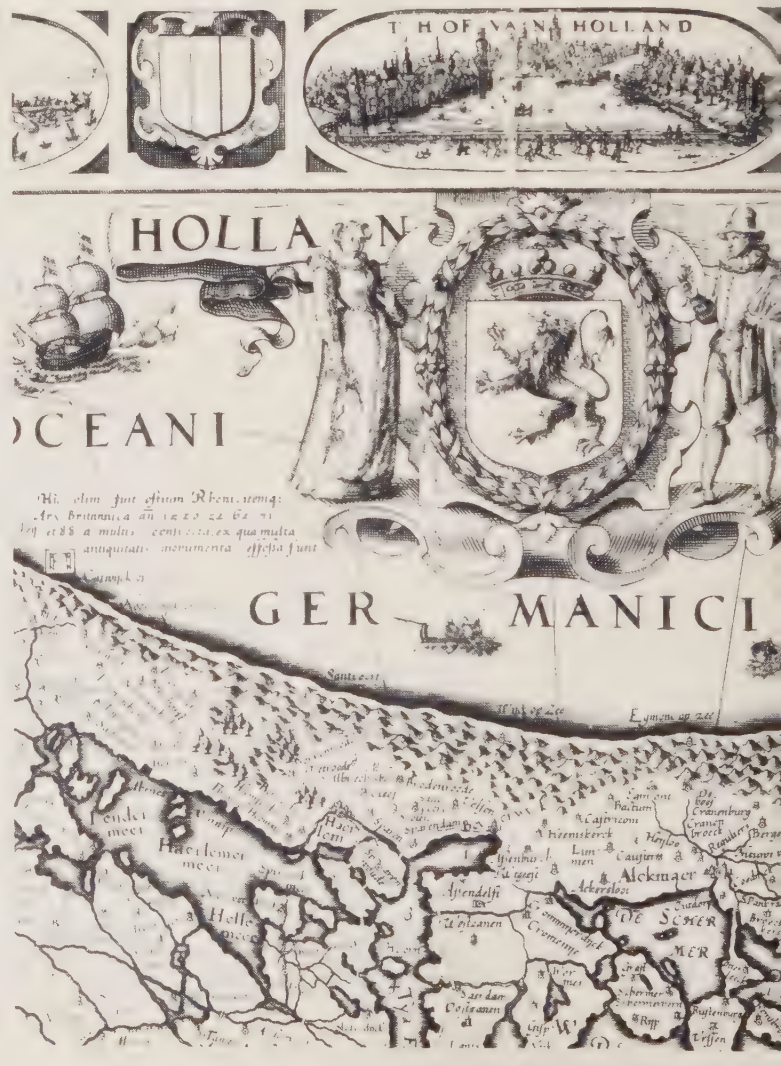


Figs 2 and 3 (above and right)
 Willem Jansz. (Blaeu), map of Holland of 1604, the earliest map showing views of towns (Universiteitsbibliotheek, Amsterdam).

earlier maps produced from wood engravings. Hondius' prime concern was now to endow his copper engravings and etchings with new decorative illustrations which, however, had to be confined to the maps' borders so as not to interfere with the actual geographic outline. While earlier maps had often been decorated in a random way, Hondius developed a standard selection of illustrative material bearing a direct relation to the map area. The people of the country outlined were portrayed by figures wearing the local costumes of the different classes; their different occupations symbolised by the corresponding tools. There was also a portrait of the ruling monarch.¹

In the 1590s other cartographers surrounded their maps with an increasing number of illustrations. In addition to costumed figures as found in Hondius' maps, new themes and combinations of themes were introduced. Maps and views of relevant towns were inserted on most of the later maps.

The oldest map of Holland with a decorative border was published in 1596 by Petrus Kaerius (1571-c1646). (Fig. 1)² Kaerius did not decorate this beautifully engraved map with views of towns or costumed figures but merely drew the coats-of-arms of thirty-four towns in the left and right borders. The highly successful shading of the sea area gives it a very lively appearance. The design is not the outcome of a new survey of the area concerned as all maps of Holland made at the end of the 16th and beginning of the 17th centuries are based on the oldest map of this province by Jacob van Deventer at the request of the States of Holland and first



One of the first maps published by the well known Amsterdam map maker and publisher Willem Janszoon Blaeu (1571-1638) is of Holland, 1604, in folio format with illustrated borders. (Figs. 2 and 3).⁵ This map bears the coats-of-arms of twelve towns on its left and right borders and the top and bottom are decorated with town views drawn in perspective.⁶ A view of Hof van Holland is shown in the middle of the top border. It is the oldest map with views of towns and two major changes can be noted in relation to Kaerius map of 1596. The most striking change is in the orientation which is in a westward direction, a trick which Willem Janszoon may have used in order to create the impression that he had based the drawing on a new survey. The map also shows the influence of sea chart design particularly in the richly decorated title cartouche,⁷ and by showing the waterways giving access to Amsterdam.

Willem Janszoon's map of Holland of 1604 (its reclaiming had been completed in 1597 after it had been destroyed by flood in 1570). Allard now had other *polders* drawn in: Beemster (1607-12), Purmer (1617-22), Wormer (1624-26), De Waert (1625-31) and Schermer (1631-35).

In 1607 Jodocus Hondius published a map of Holland which is now very rare and differs from Willem Janszoon's 1604 map by the substitution of vignettes showing costumed figures for most of the coats-of-arms in the side borders.⁹ (Fig. 4). Hondius also copied the town views and their accompanying coats-of-arms in the top and bottom borders. The displaced coats-of-arms were grouped at the top of the map. In the scrolled vignettes placed in the right and left corners of the map, Hondius shows the occupations of the lowest estate of Dutch society; dairy farming, peat cutting and various fishing techniques.

A second edition of this map was published in the same year by Everard Cloppenburgh. No copy of this edition has so far been found.¹⁰ The only difference in relation to Hondius' edition is the imprint above the title *Hollandia Comitatus* which now reads 'Excusum apud Everardum Cloppenburghium Amstero, 1607.'

During the first flourishing of map border design, Claes Janszoon Visscher (c1587-1652) supplied the engravings of border vignettes for several Amsterdam publishers making a decisive contribution to the development of these richly ornamented maps.¹¹

Three maps of Holland issued between 1608 and 1610 are marked by Visscher's decorative work.

In 1608 Willem Janszoon [Blauw] published a map of Holland in folio format engraved by Josua van den Ende, with border decorations by Visscher.¹² (Fig. 5). The bottom border includes thirty-two town crests while six town views are shown seen through almost circular openings on either side. The main



illustrations are in the top border where one single frieze covers the whole width of the plate. In the foreground there is a range of dunes on which groups of people are standing overlooking a beach. The focus of the spectators' interest is two land yachts belonging to Prince Maurits. The different classes of Dutch society are represented in their typical costumes with latin and dutch inscriptions referring to the farmers of North and South Holland and the fishermen, merchants, noblemen and natives of Waterland. Visscher's monogram can be seen by the left foot of the farmer's wife from North Holland.¹³ (Fig. 6). Visscher placed his figures on the dunes, making them relatively large in size. He thus broke with the tradition of showing each individual costumed figure in a separate section and combined the representatives of the different classes in one picture giving the map a lively appearance.

As regards the geographic content, considerable progress can be observed in relation to the map of Holland published four years earlier by Willem Janszoon. The 1608 map gives a far better account of Holland's network of waterways and a substantially increased number of towns is represented as well. Waterways giving access to Amsterdam are provided with partly new soundings and there is no doubt that these are largely borrowed from Willem Janszoon's pilot guide book *Het Licht der Zeevaerdt*, published in the same year.

Below his title, Willem Janszoon refers to the privilege granted him on August 5, 1608, by the States of Holland and West Friesland. In his application he pointed out that he had hoped that the printing and publishing of his work would provide him with a decent living for his ever growing family (Fig. 4 (below))

Jodocus Hondius, 'Hollandia Comitatus', 1607. This map is very similar to that by Willem Jansz. of 1604. Hondius added pictures of the Dutch people's daily occupations in the two bottom corners: dairy production, peat cutting and fishing (Det Kongelige Bibliothek, København).



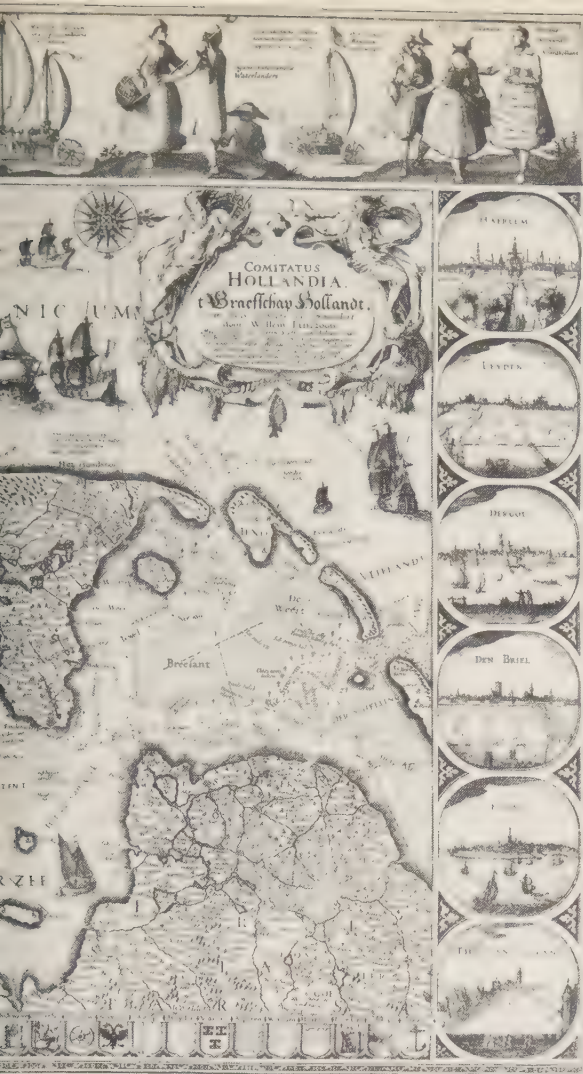


Fig. 5
Willem Jansz. (Blauw), map of Holland, 1608, showing improvements over the map of Holland published four years earlier by Willem Jansz. (Geografisch Instituut, Utrecht).



Fig. 6
Willem Jansz. (Blauw), section of the map of Holland of 1608. The border decorations for this map were designed by Claes Jansz. Visscher. His initials (CJ) are to the left of the foot of the farmer's wife from North Holland who is standing turned away from the spectator (Geografisch Instituut, Utrecht).



but it did not because his work was continuously copied and reprinted by others. He therefore claimed protection for his products and his request was granted on August 5, 1608 when 'anyone and everyone' was forbidden to 'reproduce, print or have printed works by Willem Jansz, or publish or sell them on the penalty of seizure of any such work plus a fine of twenty-five gold riders, to be levied on behalf of the suppliant.'

This prohibition was applicable for a period of ten years and enabled Willem Janszoon to publish and amend his maps and other work without any risk of reproduction by others.

A large map of Holland with decorative borders was published by Herman Allertszoon Koster in 1608.¹⁴ (Fig. 7). The most comprehensive edition of this wall map in six sheets includes the following text on its side and bottom border: 'Grondighe Beschrijvinghe van Noort-Hollandt ende West-Vrieslandt met de aenligghende Landen van Amstellandt, Kennemerlandt, etc.' (Detailed description of North Holland and West Friesland with the adjacent Amstelland, Kennemerland, etc.) with eight inserted views and a small map with the northernmost tip of Holland. The text ends after a poem to Hadrianus Junius: TOT AMSTERDAM, Ghedruckt by Herman Allertz. Koster van die Nieuwkerck. ANNO CID.ID.C.VIII. (1608).

In a study on this map published a few years ago evidence is given of Herman Allertszoon's using the uncompleted copper plates of a map of Holland by Joost Janszoon, dated 1575.¹⁵ The reference in the title 'in veel plaatsen ghebetert' (improved in many places) concerns in particular the engraved decorative border. Herman Allertszoon also added a dedication signed by him to the States of North Holland and West Friesland. The map itself was left unchanged with a few small exceptions. In the north, he had it amended with data from an existing map of Hazepolder and Zijpepolder. As the top left hand copper plate was too small, the engraver represented the

Grondighe Beschryvinghe van

Noort Hollandt ende West-Frieslandt, met de aenligghende Landen van
Zemstelandt, Kienemer lande etc. Ende voorts Toppelwaerts tot om Ley-
den toe. Streckende Oostwaerts tot om Vrecht, ende weder Noordwaerts
op ind' Supder Zee, met alle zyne Steden, Doopen, Dycken, Wege, Dees-
sen, Wateren ende Daerten daer in begrepen elck nae zyne rechte gelegent-
hejde, alles op zyne mate, ende met groote neerdrucht gheteekent. Ende
nu op een nieu verbeteret ende wirtghegebeu door Willem looff lauz, by zyn
leven seer vermaect Landt-metcr. Beeld snijder ende Steenhouwer, etc.

Alsoo beminde Lefter, in dese Caerte b'vooghdeft wert int plar / de
gronde van Noort-Hollandt ende West-Frieslandt / met de naeste aenligghende Lan-
den / vnde niet onbegrepen te sijn / een wemich te verhaelen van de eerste An-woon-
den deses Landtschaps / haer af-compt ende oorspronck / die doot onse Schijnpere
naegheleiten beschryffen ons ghewerck is beken / datse altoos is ghewerck een Lefter
van vromt Christen / een Medeliker des Oorlofs / ghien tributanfche des volcs van
staomen / naer een wirtghegebeu ende vromdome.

Soos ist dat wat Tacito te verstaen is / dat de Batavien een volck sijn gesproten uit de Cathen,
die welck nu teert in Helsen ghenoemt werden. Alsoo sijn met gheladighe Oorloghen ghequeit wa-
ren van hare ghewonen / om e' ghewonek des Quiers / als die seer begaen was om lout te maer-
ken / ten liefden door hysche streken hare aengheden / hebben moeten warden van hare land-
pacten. De Ouerste van hare is ghewerck B.A.T.O. die meer deses vromdome Oorloghen seer vromt
tich was : ende alsoo is seerfich van trouwe was / wel ghewerck in Oorloghen seer vromt / iae
verreert met koninklike beuden / heeft hi seerfich het beel del des Adels tot die verterre
van hysche / ende heeft sijn woonplacse ghewonen aende eynde selge / die onbetoonet ende ongheloe-
te saghen / ende van hare de klyn obelighchept / met uerde van hare plactse dare Waal ende Mest
men vloepen / de Fundamenten ghewerck van hie Collet van Batavien / ende doorte tot den Oe-
nam toe : alle beneden geleghen Landen sijn edelen ende Landvanden wirtghebeu / ende heeft iae
Landtschap naer sijn nam B.A.T.A.V.I.E.N. ghewerck / welck verteret Baton Have : van dese
Batons nareonelinghen bidden was in Tacit. Van een Cl. Civil, gepropt te warden uit de konne-
like Branne de klyn vromt / hare de sijnfich van hare doot de landtph des vromt / ende onerba-
rechtph in ghelertich / en sijn met beschreuen : Wert uerstaen in hie lout wirtghebeu Schijpwa-
verbaelt. Dat is seer treffelich in Oorloghen / en sijn met de konnen / in Galia, Fieno, Caligula,
in groote reputatie sijn ghewerck / mita seer vromt tegens hare vromden waeren. 't is dan niet
te verbaerden dat hi noch hebendiche seer treffelich sijn in wapenen / en soo groote beniden
van hare vromt / mita het hare aenghedore beuden sijn / die niet en compten die ghene die
sonder rouwe / ende ghewen haben sijn.



Alsoo was nu eersichus verhaelt hebben / den eersten oorspronck van onse Voort-anderen / hielck
nu dat uerstaen van die nagheden gaven des Landtschaps / welck alsoo het wat onse
vromt / en is beghint ghewerck / voort vloepen des Zees / is van bidden bequamen ghewerck tot en-
derhoudinghe des dets.

Soos ist datmen alhier heeft seer wemende Tap-Landen / die met groot voosdel den vromt
gode kangele ende Carthe / als in de vromt / Ertten / Boorden / Amm / Apen / ende
allerey / Fruyt / ende Oost / als Appelen / Perren / Kerfse / etc. voosdaringen / naer alsoo die Land
vol menichen is ghelopt / is het niet luffant om die alle te vromt / naer e' ghene het voosdangt
is sejoon en goet / en wert alles hier verteret. Naer de Wp-landen gheben inder profits / en sijn niet
tot wirtghebeu der Olfen / die niet groote menichte dat ghewerck worden / i' welck seer is ghel-

art seller, established in the Kalverstraat in the Three Roses, Hoeyen, 1620.) Whereas on page eleven of the 1608 edition, the start of the reclaiming of Beemsterpolder was announced, this announcement and the poem following it on page twelve was now removed and replaced by the description of the completed *polder*, the text being interrupted by a little map of the new land headed 'Nieu bedykte BEEMSTER. A.G.F.' (Abraham Goos Fecit?)

As a last item in the series of decorative maps of Holland, I should like to mention the very unusual map by Petrus Kaerius published in 1610.¹⁸ (Fig. 9). All the themes of the maps examined previously were combined in this map and it was decorated with further vignettes. The upper border of the map is subdivided into four sections. Navigation and agriculture are represented in the two smaller corner sections and in the two middle sections there are two land yachts on the beach and a sledge on a frozen river with costumed figures representing the different social classes in the foreground.

The lower border consists of six sections of equal size, the four middle sections representing topographical features and special events in Holland and the two corner sections containing illustrations of water mills and fishing, peat cutting and dairy farming. In the left and right borders are six town views in the same order as on Willem Janszoon's map of 1608. The thirty-two crests on the bottom border of the latter map are used by Kaerius to form the transition between his map and the town views but the design and execution of the borders were not his own but the work of Claes Janszoon Visscher.¹⁹

The map area itself, which shows fewer names than that of Willem Janszoon, was engraved by Abraham Goos, Petrus Kaerius must be assumed to have been only the publisher. In the beautifully designed title cartouche is his motto 'Wie gaet, ick keere' (Whoever goes I shall cause to return.)

This map surpasses other maps of Holland by its pictorial wealth without, however, pretending to be a uniform study. It is certainly one of the most outstandingly decorative maps of Holland.

References:

- cf. the explanations given in M. Simon's excellent study on *Claes Jansz. Visscher*, Freiburg, 1958, p.63 ff.
- 'HOLLANDIA' in a scroll cartouche in the North Sea. There is another title in two languages in the top left corner of the map *Hollandia Comitatus, regio est admodum fertilis ... Het Graefschap van Holland is een seer vruchbaer landt ... Petrus Kaerius caelator*. 1596. (The County of Holland is a most fertile land) 395 x 330 mm. The only copy known so far is preserved in the Algemeen Rijksarchief, Den Haag (Coll. Hingman, no. 4144).
- B. van 't Hoff, *De kaarten van de Nederlandsche provinciën in de zestiende eeuw door Jacob van Deventer*. Den Haag, M. Nijhoff, 1941.
- NOVA ET ACCVRATA TOTIVS HOLLANDIAE WESTFRISIAE Q. TOPOGRAPHIA. Descriptore Balthazaro Florentio a Berkerode Batavo*. With a dedication to the States General signed by Wilhelmus Caesius (W. Jansz. Blaeu). Overall measurement with marginal letterpress 1160 x 1720 mm. The only complete copy is in the Westfries Museum, Hoorn (Cat. no. D-64). An incomplete copy (five of the map's twenty-two sheets as well as the marginal text) is preserved in the Bodle Nijenhuis collection. Leiden (sign. P 12 N 30). See: F.C. Wieder, 'Merkwaardigheden der oude cartographie van Noord-Holland', in: *Tijdschrift Aardrijkskundige Genootschap XXXV*, 1918, p. 508.
- 'HOLLANDIA' in the middle below the top border. In the top right-hand corner is a title in two languages: *Nova descriptio Comitatus Hollandiae ... Nieuwe beschrijvinge des Graefschaps van Hollandt ... van nieu verbeteret Anno. 1604. Gedruet tot Amsterdam bij Willem Jansz: Inde vergulde Sonnewijzer* (New description of the County of Holland ... amended with new data. 1604. Printed in Amsterdam by Willem Jansz. 'In the golden sundial'). 410 x 563 mm. The following copies are known to me: Universiteitsbibliotheek Amsterdam (2 copies, O.K. no. 20 and 21, the latter without borders); Royal Geographical Society, London (in a volume of miscellaneous maps); Badische Landesbibliothek, Karlsruhe (K h 1 (R));

Fig. 8
Herman Allertz., beginning of the text of the wall map of North Holland and West Friesland of 1608. The etchings inserted in the text are by Claes Jansz. Visscher (Universiteitsbibliotheek, Amsterdam).

152mm) stem from Claes Janszoon Visscher, their theme being the different occupations of the Dutch people. There is butter and cheese production and corn threshing (Fig. 8); fishing and fish trade; fish processing; house and shipbuilding; rope making; packing and export of commercial goods; linen washing and bleaching; peat cutting.

Visscher's initials and the year 1608 are concealed as a merchant's trade mark on a bag in the sixth vignette. This map has no border drawn in perspective as we saw on Willem Janszoon's maps. A decorative border separates the vignettes and text from the main map area. In contrast to other borders where the country's society is represented by the costumes that characterise the different classes, Visscher makes his vignettes as lively as possible showing people in various activities. He partly based his design on older examples.¹⁶

A new edition prepared by Frans van den Hoeye (Franciscus Hoeius) was published in 1620. A printed copy of the text bound in book form in twelve sheets each printed on one side, is kept in the Koninklijke Academie voor Wetenschappen in Amsterdam.¹⁷ The printing and distribution of ornamental borders indicates that this text is meant to frame a map. In this edition, the text ends with the following words: 't AMSTELREDAM Ghedruct by Françoys vanden Hoeye, Plaetsnyder ende Konst-vercooper, woonende inde Kalverstraet inde dry Roose Hoeyen. Anno 1620.' (Printed in Amsterdam by Francois van den Hoeye, plate engraver and



Fig. 9

Petrus Kaerius, map of Holland, 1610. With its profusion of illustrative material, this is one of the most decorative maps of Holland (Bayerische Staatsbibliothek, München).

- Staatliche Bibliothek, Regensburg (s.n.); Bibliothèque Nationale, Paris (Pf. 88 (20)) and Bibliothèque Ste. Geneviève, Paris (information kindly given by M. Destombes).
- 6 Top: Amstelredam, Dordrecht, Leyden, Rotterdam
Bottom: Enckhuysen, Dergou, Delft, Haerlem, Alckmaer, Hoorn.
- 7 '... insgelijx destromen en gaten der Zee als de Mase, Marsdiep, t'Vlie, Texel en Vlietstroom met alle hare Sanden platen droochten tonnen bakens en diepten en ondiepten, alles op hare rechte streckingen van nieuw verbeterd' (as well as the streams and estuaries of the sea, such as the Maas, Marsdiep, Vlie, Texel and Vlietstroom with all their sands, banks, shoals, buoys, beacons, depths and shallows, all amended with recent data regarding their position).
- 8 Rijksprentenkabinet, Amsterdam (Atlas Halma); British Library, London Add. Ms 28093, fol. 282; Koninklijke Bibliotheek 'Albert I', Brussel.
- 9 *HOLLANDIA COMITATUS, Excusum apud Iodocum Hondium Amsterodami Anno 1607*. 413 x 564 mm. Apart from the copy found by F.C. Wieder in Madrid (Biblioteca particular del Rey, in a volume of miscellaneous maps) which was the only copy known hitherto, I discovered three further copies during my investigations: Bibliothèque Nationale, Paris (Ge DD 2645 (10)); Det Kongelige Bibliotek, København (1951, ac. 452/765); Library of Congress, Washington (vault).
- 10 Maritiem Museum 'Prins Hendrik', Rotterdam (s.n.).
- 11 M. Simon, *Claes Jansz. Visscher*, op. cit. pp. 89-98.
- 12 *COMITATUS HOLLANDIA, t Graefschap Hollandt. Van nieuw verbeterd ende vermeerderd door Willem Janszoon. Met Privilege der Heeren Staten van Hollant ende Westvrieslandt ... verleent den 5. Augu. 1608, Iosua vanden Ende sculpsit. Ghedruckt t' Amsterdam bij Willem Jansz. op 't Water inde Sonnewijser*. 478 x 622 mm. The following copies are known to me: Geografisch Instituut, Utrecht (VIII B b.2); Provinciale Griffie van Zuid-Holland, Den Haag; Maritiem Museum 'Prins Hendrik', Rotterdam (s.n.); Atlas van Stolk, Rotterdam (incomplete copy) Germanisches Nationalmuseum, Nürnberg (La 288/1036a); Staats- und Stadtbibliothek Augsburg (GsK2/12); British Library, London (Maps C.9.d.3 (8)); Österreichische Nationalbibliothek, Wien (FCB-282-2 (223)).
- 13 F.C. Wieder did not notice this (*Monumenta Cartographica*, Blaeu-catalogue, in vol. III, p.69, no. 25) and thought of the engraver of the view of Amsterdam of 1606.
- 14 *Land-Caerte ende Water-Caerte van Noort-Hollandt ende Westvrieslandt met d'aenliggende Landen gheteeckent wijlen door Joost Iansz. Land-meter &c. Ende nu op een nieu wtghegheven, in veel plaetsen ghebetert ende met een grondighe beschrijvinghe, ende daertoe behoorende nieuwe Figuyren verciert, deur Harman Allertsz. van Warmenhuysen, Koster vande Nieuwe-Kerck tot AMSTERDAM*. (Land map and chart of North Holland and West Friesland with adjacent areas, drawn by the late Joost Iansz., surveyor etc. and now republished, amended in many places and provided with a detailed description and decorated with appropriate new figures by Harman Allertsz. van Warmenhuysen, sexton of the New Church in Amsterdam) 1165 x 1035 mm. Two copies with texts in the borders are known: Universiteitsbibliotheek, Amsterdam (O.K. 14) and Westfries Museum, Hoorn (Cat. no. 63). Further copies without borders and texts: Algemeen Rijksarchief, Den Haag (coll. Hingman, no. 2462); Universiteitsbibliotheek, Amsterdam (O.K. 13) Koninklijke Academie voor Wetenschappen, Amsterdam (cat. no. 5404); Rijksprentenkabinet, Amsterdam; Gemeentearchief, Amsterdam; Rijksarchief, Haarlem (Provinciale Atlas); Bodel Nijenhuis-collection, Leiden; pf. 22, no. 2.
- 15 A.J. Kölker, 'De kaart van Holland door Joost Jansz. 1575 opnieuw uitgegeven'. Introduction to the facsimile edition published in 1971 by Senefelder, publishers in Purmerend, The Netherlands (not in trade).
- 16 M. Simon, *Claes Jansz. Visscher*, op. cit. p.94 ff.
- 17 Koninklijke Academie voor Wetenschappen, Amsterdam (Cat. no. 5404).
- 18 *Comitatus HOLLANDIA. T GRAEFSCHAP HOLLAND Van nieuw Witgegeven ende vermeerderd door Pieter Vanden Keere. Plaetsnyer tot Amstelredam inde Calverstrate inden Onsekerē Tyt Anno. 1610*. (The County of Holland, newly published and amended by Pieter van den Keere, copper engraver at Amsterdam, Kalverstraat, in uncertain times 1610). 435 x 560 mm. To the copy found by F.C. Wieder in Madrid (Biblioteca particular del Rey, in a volume of miscellaneous maps) which was so far the only known copy, I can add the following copies: Maritiem Museum 'Prins Hendrik', Rotterdam (s.n.); Bayerische Staatsbibliothek, München (Mapp. V.40.z., from the former Armeebibliothek, inv. 1896); Atlas van Stolk, Rotterdam (only the borders).
- 19 M. Simon, *Claes Jansz. Visscher*, op. cit. pp.98-99.

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The Anglo-French Struggle for India in the eighteenth century

by Tony Campbell

The mid-eighteenth century saw fierce competition between the East India Companies of Britain and France, initially for control of the spices and other valuable goods that made up the India trade, but later for domination of the entire subcontinent. The confidential maps they prepared for naval and administrative purposes mostly remained in the company archives; few passed into the hands of private collectors. But recently a collection of French manuscripts has come on the market and Tony Campbell examines the Indian plans against the historical background.

EUROPEAN INVOLVEMENT in India — if we discount ancient history — begins with those Portuguese who followed Vasco da Gama into the Indian Ocean at the beginning of the sixteenth century. But although Goa fell to his countrymen as early as 1510, its peculiar situation as a sizeable colony totally under European control, was to remain an exception to the general pattern. With the ensuing centuries, first the Dutch and English, then the French, Danes, Belgians and Swedes were to put in their bids for a share of the lucrative Indian trade. But it was profits they wanted, not colonies.

The Portuguese were unusual, too, in that the crown retained direct control over its overseas dependencies, like Goa and Diu further to the north. Other European nations left it to chartered companies to come to their own arrangements with the powerful Indian princes. This way the government divested itself of potentially dangerous responsibilities, while making sure that a percentage of the acquired wealth came their way.

As the eighteenth century opened, European impact was still small, although the French flag was flying over Pondicherry, the English held Bombay and Madras, and the Dutch retained a number of smaller trading-posts or factories. The trade in which they were uniformly and for the most part amicably, concerned was the shipping back to Europe of a variety of cotton and silk lengths, coffee, tea, spices and chinaware, with saltpetre for gunpowder lying over the keel as ballast.



Much of this material had already made one journey from the East Indies or Far East, but the cotton goods that formed the greater part of returning cargoes came from all over India. Part of the success of Madras and Bombay lay in their ability to draw on the labour of the weaving communities around them. Attempts to trade European woollens in exchange for these goods met, not surprisingly, with little success and most shipments were paid for in Spanish silver.



The eighteenth century, though, was to see a series of developments that dramatically altered the European position in India and settled the subcontinent's fate for the next two centuries. The largest single cause was the disintegration of the Moghul Empire, to which the European factories had looked for protection. Unfortified warehouses, at places like Surat, now became a liability, but the threats which led to the construction of new defensible trading-posts (the French-held

The quality of mid-18th century French draughtsmanship is nowhere better demonstrated than in the careful detailing of the native village outside the wall of the fort at Mahé, on India's south-west coast. The three cooking fires show that although partially derelict the settlement was still inhabited. The plan's real concern, though, was with what lay inside the fort's 22 foot high walls. The well can be made out in one corner, with powder magazines to one side of it and godowns (storehouses for trade goods) to the other. Also identified are the spacious quarters for the officers and the cramped accommodation for their men. (By courtesy of Weinreb & Douwma Ltd.)



Mahé is a good example) and the strengthening of existing ones came not from their European neighbours, but from the Maratha kingdoms of west central India which operated a pirate fleet with considerable success along the west coast, from a well protected base at Gheria 140 miles south of Bombay.

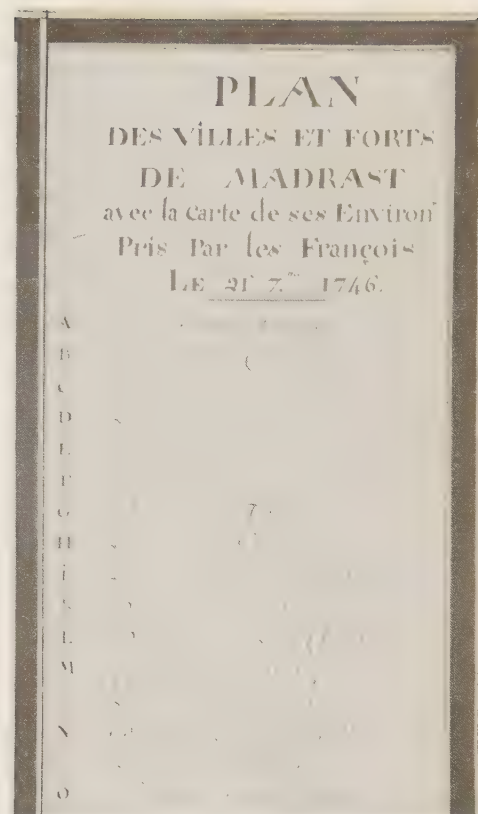
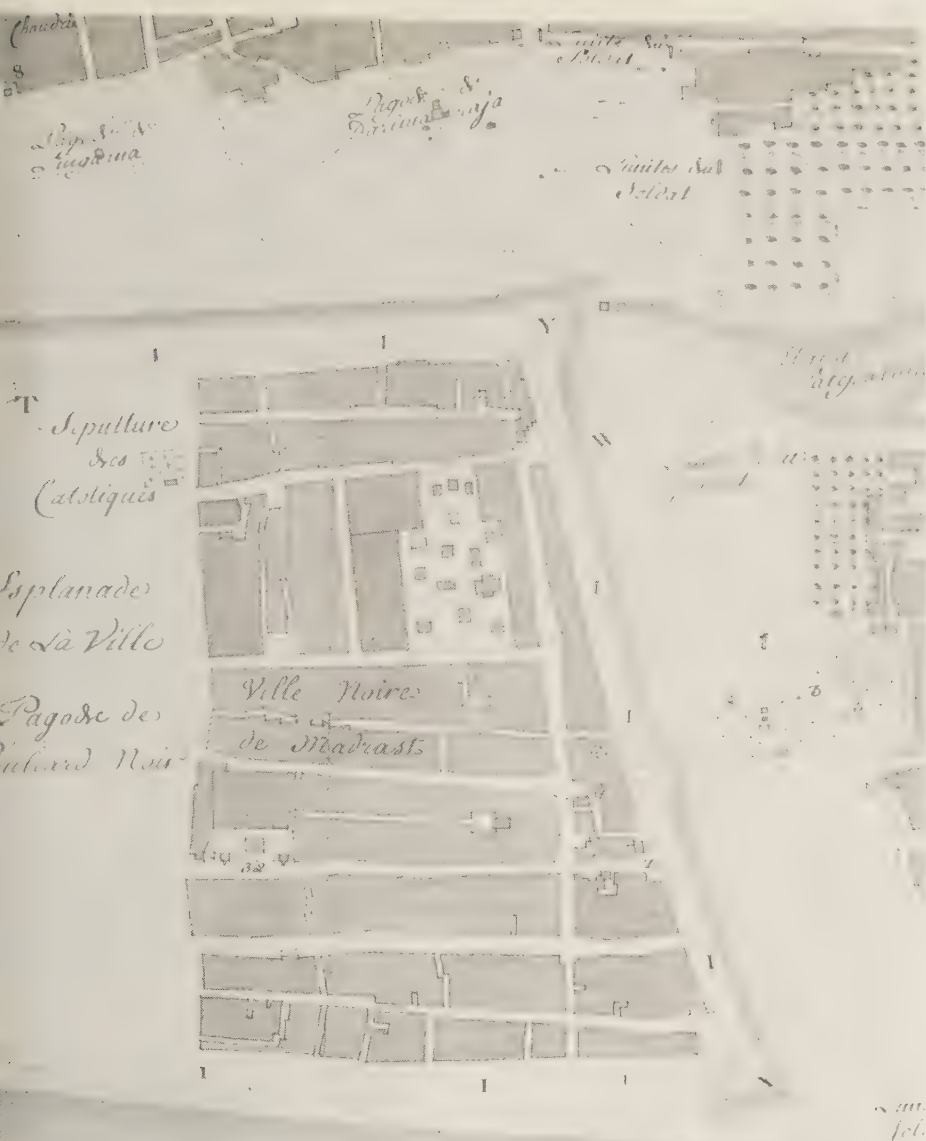
With the 1740s the position was to change radically. Even then the Dutch and English found little cause for quarrel, as the former had concentrated their efforts in Ceylon and the East Indies. But the now well-established Anglo-French enmity was finally to spill over into Indian affairs at the outbreak of the War of the Austrian Succession in 1744. Until that date the English and French East India Companies had played only a peripheral role in Indian history; from then onwards their rivalry was to produce a drive for territory that led, inexorably, to one of them — and it could have been either — winning an empire.

Recently an unknown and important collection of manuscript maps, plans and charts, representing a French cartographic archive covering the period 1730-82,* came up

for sale. Amongst its sheets was a series of eleven that chronicle various aspects of the struggle for India, as seen from the French side. By their very nature, these detailed, official and evidently secret plans must have derived from the *Compagnie des Indes* (the French East India Company), as reconstituted in 1723 after the previous organisation of that name had been dragged into bankruptcy in the wake of the notorious Jean Law.

Theoretically, the *Compagnie des Indes* controlled all trade in French ships carried out between West Africa and the Far East, and a run of sea charts and harbour plans extending from the Cape of Good Hope to Japan, found in the same collection, would undoubtedly have been drawn up for the use of the Company's ships, or for those East Indiamen sailing under its licence. But the collection's bias is towards those areas where the Company's flag flew strongest, Mauritius and south India.

When the news of war was received in India in 1744, Dupleix, the governor of the French headquarters at Pondicherry, proposed to his English counterpart a truce



When the French captured Madras from the English in September 1746 one of their first tasks was to compile a comprehensive plan of their new acquisition. These details of the fortified European town (left) and the key to its defences (above) are extracted from a large sheet covering most of the 25 square mile concession made to the East India Company. At the centre (A) is Fort St George, founded in 1639. Note the absence of any protection from the sea — after all, the only anticipated danger had been from combined land and sea assault by the French. To deal with any counter-attack the victors placed a battery (S) immediately seaward of the fort and strengthened the outer bastion on the other side (M). (By courtesy of Weinreb & Douwma Ltd.)

similar to that observed during an earlier European war. Unfortunately, his request could be only partially met because of English uncertainty about their government's intentions. In fact, an English squadron was already at sea, and on its arrival seized a number of French ships. The English were to pay dearly for this initial aggression when in the autumn of 1746 they lost Madras, their largest holding in India, after a brief siege.

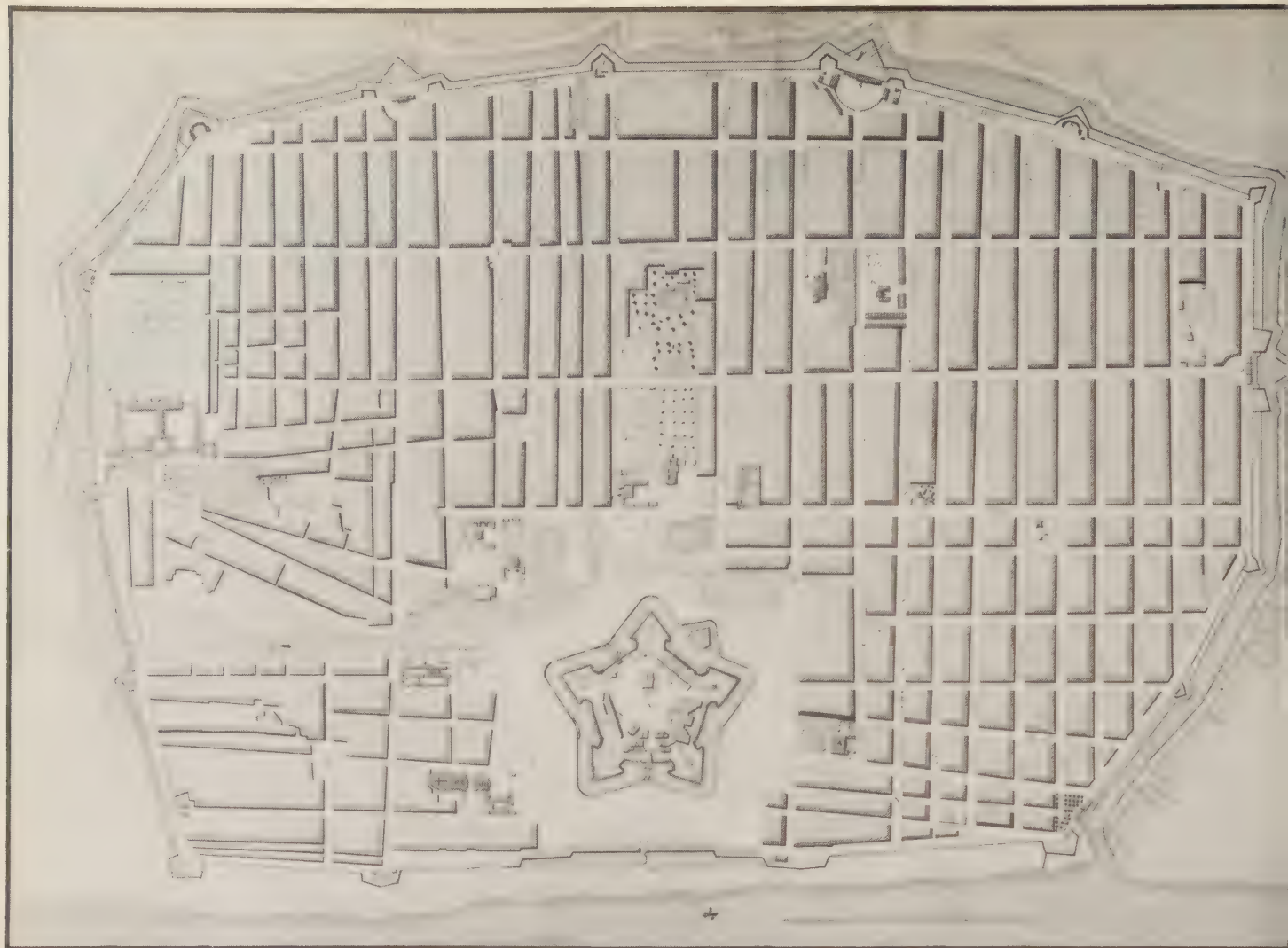
The successful French pincer operation brought together two of the Company's most able servants, because Dupleix's land forces were assisted by a fleet brought hurriedly from Mauritius by the island's governor, Mahé de La Bourdonnais. Within ten years both men had been recalled to France in disgrace but not before La Bourdonnais had established a thriving and well defended naval base at Port Louis, the capital of Mauritius, and Dupleix had looked set to win French control over southern India until the intervention of a twenty-six year old Englishman named Robert Clive.

After the siege of Madras, La Bourdonnais and Dupleix fell out over the distribution of the spoils and the town was

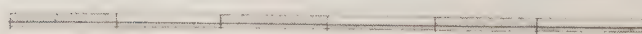
anyway handed back at the peace two years later, but the European role in India had changed irrevocably. Ostensibly, both English and French held their trading-posts on lease from the local potentates, yet in the follow-up to the capture of Madras the French had convincingly defeated the elephants, cavalry and numerically superior forces mustered by the nawab overlord; and the outsiders had then added further insult by settling the town's fate among themselves.

Although peace came to Europe at Aix-la-Chapelle in 1748, India was faced with a further eight years of almost continuous fighting. In an ineffective imitation of the joint naval and military operation mounted by the French two years earlier, the English attempted to subdue Pondicherry in the summer of 1748. The contemporary French plans of the event reveal their enemy's lack of co-ordination, with Admiral Boscawen's squadron bombarding the town yet unable to provide any direct support for the distant land forces.

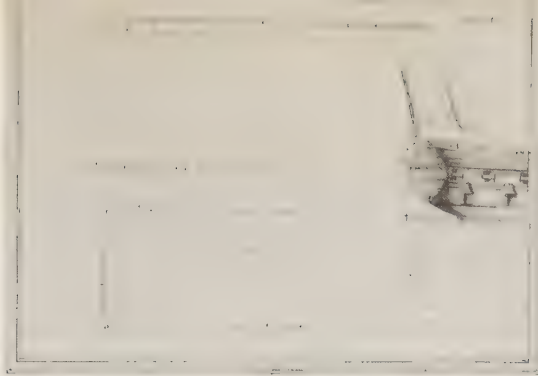
All nationalities are quicker to record victories than setbacks, and from the presence of these plans in a French collection it comes as little surprise that the English failed in



Pondicherry was France's largest possession in India; a well established town roughly a mile in diameter, with a pentagonal fort overlooking the sea and batteries ringing the outer walls. This plan probably dates from the period of the abortive English siege in 1748 because the outer bastions only protect the north (i.e. right) side. The same feature is found on a detailed plan of that event. By the time of the successful English assault in 1761 the line of bastions had been extended most of the way round the town. (By courtesy of Weinreb & Douwma Ltd.)



PLAN
DE LA VILLE, CITADELLE
ET FORTS DE
PONDICHERY
DIVISE EN QUATRES
QUARTIERS
Savoir
le quartier de Joseph
le quartier de l'hôpital
le quartier de l'arsenal
le quartier de l'ancien



In the late-18th century the River Hooghly was the main outlet for the mighty Ganges, although this is no longer the case today. This small section of a four-sheet chart of 1770 focuses on the river's most important town, Calcutta. The Union Jack still flies over the abandoned Fort William as Clive's replacement, here called the *Citadelle*, was not to be completed for a further three years. The Dutch flag similarly identifies their post at Baranagar a short way up-river. The unknown hydrographer responsible for the survey not only supplied a precise record of the river's twisting course but also sounded the channel at regular intervals over the 90 miles. A diagram in his accompanying booklet (above) illustrates how he used the lead-line to measure the depths and the distance travelled.

(By courtesy of Weinreb & Douwma Ltd.)

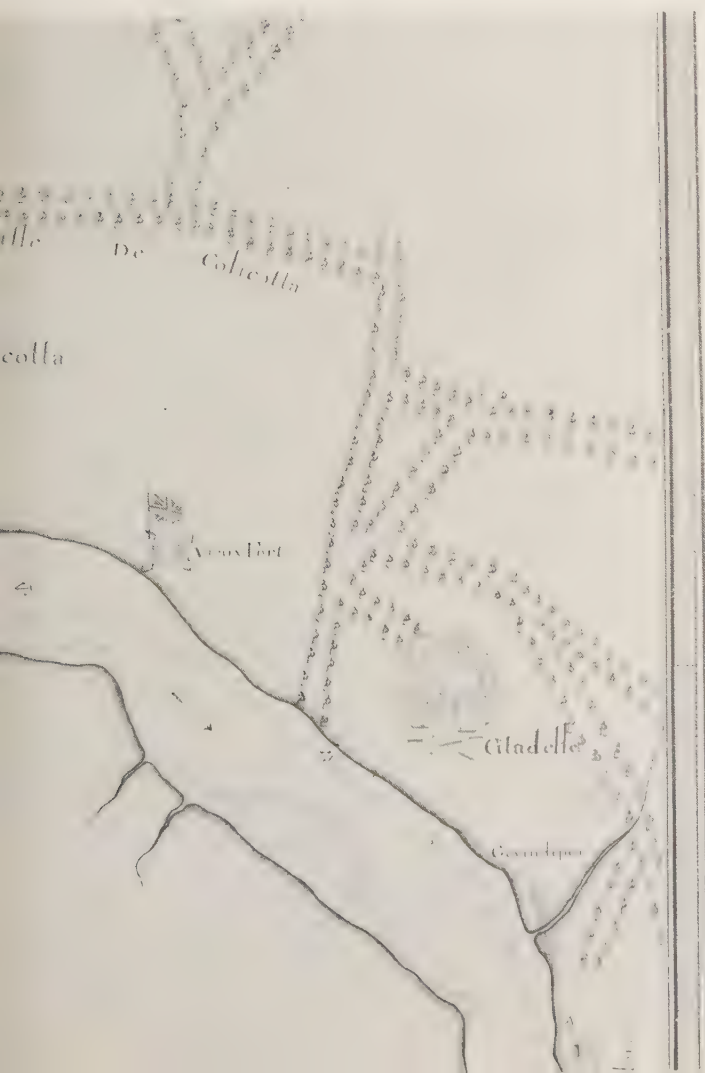
their attempt to take Pondicherry. It is to be expected, too, that the French should have been reticent about the events of the following decade during which the initiative passed convincingly to the English. The French defeats, which culminated in the loss of Pondicherry in 1761 were confirmed at the Treaty of Paris two years later, leaving them to trade on sufferance from a few unfortified factories.

Clive had made his military debut in 1751, rounding off a run of successes with a famous victory over the French-supported Nawab of Bengal at Plassey in 1757. The location of this battle, to the north of Calcutta, was significant, for with the 1750s the focus of attention began to move from the south-east coast to Bengal, the alluvial plain formed by the Ganges' outlet, the Hooghly River. Arguably the most beautiful, and certainly one of the most important items in this series of Indian plans, is a meticulously detailed chart of the Hooghly, unsigned and with a vacant dedication, but clearly dated 1770. This is a four-sheet affair with a scale that increases as it proceeds up-river to Calcutta and to the rival French fort at Chandernagore about twenty miles further on. In an accompanying booklet the unknown hydrographer describes how he has revised the best available pilot-guides. He also noted that 'Monsieur Dapres' (in other words, the chart-maker Après de Mannevillette) had neglected the 'warehouse of Asia' in his *Neptune Oriental* of 1745, with the result that about ten laden ships a year ran aground on the river's treacherous sandbanks from want of adequate charts.

The preparation of this chart — which rounds off the series — sandwiches two events of great significance for India as a whole. In tacit admission of English control, the *Compagnie des Indes* had been wound up the previous year, and in 1773 the primacy of Bengal would be confirmed by the setting up of the East India Company's headquarters at Calcutta.

Few of the items in the manuscript collection — of which the Indian plans form a small but important part — carry the names of their authors, and only a handful identify the draughtsman involved. None records the name of the person for whom they were made. Yet the extensive and confidential detail they contain could only have derived from officials of the *Compagnie des Indes* and other similar bodies. When it is understood that French administrators under the *ancien régime* retained documents as of right when they moved from one post to another, it is most plausible to see this recently unearthed archive as constituting the personal plans of a family of eighteenth century colonial administrators. For their clarity as diagrams, for the extent and reliability of their detail, and for the quality of their draughtsmanship, the Indian sheets add interest and attractiveness to the bald historical record of a crucial period in the country's history.

*Items from this collection have recently been on exhibition at Weinreb & Douwma Ltd's London gallery.



WARNING MAP POX

Very Contagious to Adults

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To be buying is relaxing

Any of our readers suffering from this dreadful disease are asked to register for treatment as soon as possible. (This piece of inspiration comes from David Bannister of the Regent Gallery who admits that he did, in fact, 'put his sickle (ever so gently) into other men's corne' and plagiarised something similar he saw in a different context in North America. They will be glad to send a copy to anyone who is interested.)

THE EARLY ARRIVALS were treated to coffee and doughnuts, while they waited for other map collectors, historians and librarians to assemble. But from that informal start at the Bancroft Library, University of California, Berkeley, USA, on a Saturday morning in May, a new map society was born.

And in its first few months the California Map Society has got well under way with about sixty members. The inaugural meeting was convened by R. Philip Hoehn, the Bancroft Library's Map Librarian, and Diane M.T. Rose. About twenty enthusiasts were present, mostly from the northern part of the state, and it was hoped that the new society would bring together many more people especially interested in maps and their relationship to California.

Indeed, Ms Rose, a doctoral student in history, said it was needed, because people with special interests in maps of California could gain much enjoyment from sharing information, learning about each others' work, and hearing speakers on topics of common interest. And Mr Joe Crotts, Government Publications and Maps Librarian at the California State University, Chico, believed it should be loosely structured, to represent as many interests as possible.

Mr Hoehn agreed to act as interim secretary, and two members volunteered to join him on a steering committee to plan the society's activities — Mr Robert Winter, of the University's Geography Department at Hayward, and Mr Ken Stein, of Berkeley.

With the business concluded, participants examined many early California maps on display throughout the library, and Ms Rose showed and narrated sixty slides of maps, specially prepared for the evening, under the title 'Landmarks in California Cartography.'

A particularly exciting feature of the meeting was Mr Robert Becker's showing and explanation of a pre-Columbian codex.

Dated somewhere between the eighth and fourteenth centuries AD, this Mexican pictograph manuscript was drawn and painted with vegetable and mineral colours, and shows an invasion of Mexico by conquering warriors from the south.

PROFILE

'My life has been Maps'



Carson Clark pictured with one of his staff.

WITH A QUARTER of a century spent in cartography and with experience in most of its fields it is natural for Alexander Carson Clark to say, 'my life has been maps.'

For, since he trained as a land surveyor at the age of 22, he has been both a map maker and a map dealer and for some years ran his own successful map shop in Edinburgh's Royal

Mile. Now, at 47, he is Managing Director of Mapsellers Limited, the antique map company based in Southampton Street, London, where he has in the last three years established a leading position in London's antique map trade.

'I enjoy the challenge of setting up a new venture,' says Mr Clark — and it is an attitude which has served him well throughout his working life.

Born and brought up in Scotland, Mr Clark trained as a land surveyor with the Ordnance Survey before becoming a cartographic designer/draughtsman. After three years he moved to the Department of Geography at Southampton University where he stayed for twelve years. He started as a technical assistant and eventually became the department's chief cartographer. He worked closely with Professor F.J. Monkhouse to whom he attributes his love and inspiration for early maps. Professor Monkhouse pays generous tribute to Mr Clark's patience and skill in the preface to each of his books.

During his time at Southampton Mr Clark designed and drew all the maps for each major geographical textbook and also designed and prepared all the original art work for a new wall map for Hampshire schools. He also originated the idea of integrated 'cartographic-photographic-reprographic' unit

Around and About

NEWS



Chile's gift to the Library

THE BRITISH LIBRARY have been presented with a set of fifteen volumes of text and maps relating to the dispute between Chile and Argentina about the boundaries in the Beagle Channel region near Cape Horn.

Despite the fact that Her Majesty the Queen, in the role of Arbitrator, gave the final ruling on this case in 1977, this argument is still raging today.

The documents, which are the Chilean Memorial of 1973, the Chilean Counter-memorial (1974) and the Chilean reply (1975), are each accompanied by an atlas with a total of 206 plates. The volumes of text also include maps and two are devoted to discussion of the cartographical evidence.

Dr Helen Wallis, Map Librarian of the British Library, said, 'These splendid volumes, which will be of great help to all interested in the history of the cartography of the area, are a most welcome addition to our collections. In the course of the arbitration the maps and other resources of the British Library were extensively used in the preparation of the evidence.'

Richard B. Arkway has changed the name of his business in New York from 'The Cartographer' to 'Richard B. Arkway Inc.' 'The reason is simple', Mr Arkway told us, 'the old name has become a misnomer as we've expanded into other fields – books on travels, voyages and discoveries, natural history, illustrated books and prints. Nonetheless, our commitment to maps and atlases is as great as ever.'

The **National Maritime Museum** at Haifa in Israel is planning a re-issue of its catalogue with some corrections and additional Holy Land maps which they have recently acquired. The old catalogue is now out of print. The Museum has a rich collection of antique Holy Land maps from early fifteenth century – the so called 'Lübeck' map with Jerusalem in the centre dated 1475 and the 'Ulm' Ptolemy, 1482 – up to the nineteenth century. They also have a very rare miniature (only two states are known) map of the world engraved by 'Jodocus Hondius, in 1589.' The other state in the British Library was engraved by W. Kip in 1602.

Jonathan Potter (Antique Maps) Ltd., of Sackville Street, London, will now be open on the first Saturday of each month – mornings only from 10-12 in addition to their normal weekday opening.

The **Geographical Society of Finland** are preparing for an International Seminar on Historical Cartography and Maintenance of Cartographic Archives which will be held from 12-15 September, 1979. Preliminary registration, not later than February, 1979, and preferably earlier, to c/o Arvo Peltonen, Department of Geography, University of Helsinki, Hallituskatu 11-13, SF 00100 Helsinki 10, Finland. This is to commemorate the 100th anniversary of the Northeast Passage expedition by the Finnish-Swedish naturalist and explorer Adolf Erik Nordenskiöld.

The set of Bermudan stamps featuring reproductions of antique maps which were due out in September this year will now not appear until May next year. This is due to 'technical problems at the printers in the United Kingdom'.

Andrew Leverton, the London map dealer, is expanding his business and will be pleased to send lists and quotations on the areas in which he specialises which are Holy Land, Jerusalem, Persia, Arabia and biblical areas. Write to him at 37 Oxford Gardens, London N20 9AG.

The **National Maritime Museum**, Greenwich, is organising the 3rd International Reunion for the History of Nautical Science and Hydrography from 24-28 September, 1979. The theme will be '500 Years of Nautical Science.'

The **Chicago rare book dealer**, Mr Kenneth Nebenzahl, has been elected a Trustee of the Newberry Library.

The new map business in Monte Carlo, Stanley Gibbons Monaco S.A.M. have brought out their first list of maps of their stock and will be pleased to send it on to all those interested. Write to them at 2 Avenue Henry Dunant, Boîte Postale No. 80, Monte Carlo. Their maps are mainly of France and Italy.

An outstanding success

THE MAP HOUSE were overwhelmed by the success of their Braun and Hogenberg exhibition which drew in so many visitors and buyers that the gallery seemed to be 'bursting at the seams.'

'This is the first exhibition we have held on the subject of a particular cartographer and we had no idea how popular it would be,' said Simon Pointer, the manager.

All the maps were in contemporary colour and were grouped into different sections – the economic fabric, early tours of Hoefnagel and Hoefnagel's tours with Ortelius, customs and costumes, the capitals and towards the east showing the oriental views. Also, a section on van Deventer's birds-eye views.

which was later adopted by other universities. It meant that while working primarily as a map maker, he became conversant with the skills of photography and reprographics.

Always interested to share cartographic ideas and anxious to see real practical training of junior cartographers, he was the co-founder, with Alan J. Hodgkiss, of the Society of University Cartographers and was also the Society's chairman from 1965 until 1968. He was a founder member of the British Cartographic Society where he was for a time a member of the Society's Council. He also served for three years on a national committee for qualifications in cartography, surveying and planning which led to the establishing of national training courses throughout the country.

'It was at Southampton that I was first attracted to old maps', explains Mr Clark. 'The first map of Hampshire by Robert Morden I bought was for £2. It was not just collecting which I found interesting, I was fascinated by the design and presentation of old maps, I wanted to share with others the wonderfully exciting world of the early map capturing as it does a piece of art, history and geography, or perhaps, like the earliest maps, simply a communication from the surveyor/cartographer to his or her reader.'

By 1967 – when he had moved to Edinburgh as head of the University's Geography Department's technical services team – his hobby of collecting antique maps had become a part time business. He and his wife invited interested people to call at their home through an advertisement in their local paper which read, 'Come and drink our coffee and look at our antique maps.' While at Edinburgh he mounted exhibitions of antique maps in university towns all over the country, a practice he had started at Southampton.

He also drew the maps for an *Agricultural Atlas of England and Wales* by Professor J.T. Coppock, and all the physiographic drawings for an atlas by Professor J. Wreford Watson, published by Collins in 1970. He also designed and drafted a map of Loch Leven, published by the Royal Geographical Society.

His own antique map business 'Scotia Maps' ran from 1972 until 1975 and he also gave evening lectures at his gallery. In 1972 he was elected a Fellow of the Royal Geographical Society.

Mr Clark is always happy to talk about maps and continues to share his love of the subject with all who visit Mapsellers. And he is always interested to help any young enthusiast start up as a map dealer or train as a cartographer.



Explosion of interest in Maps

AMERICA SEEMS TO be enjoying an explosion of interest in historical cartography and map collecting at the moment.

There are now at least five major map societies in the United States – in Chicago, Wisconsin, Michigan, New York and California, the last three having been formed only in recent months.



Pictured are June Harris (secretary), James Minton (programme chairman), James Dahl (treasurer), and Jerry Thornton (a programme committee member) of the new Michigan Map Society.

The Michigan Map Society, formed in August 1977 and officially incorporated in the state of Michigan two months later, began with about twenty-five members and has now grown to the point where it can boast a membership of more than seventy.

James Minton, Map Librarian at the University of Michigan, and Douglas Marshall, Map Curator at the Clements Library, were chiefly responsible for founding the society. The first meeting was held a week after the Kenneth Nebenzahl Lectures in Historical Cartography with the guest speaker being Tony Campbell of Weinreb and Douwma.

Members were initially drawn from Mr Minton's 'Modern Maps' classes and Mr Marshall's 'Historical Cartography' classes, offered through the University of Michigan Extension Courses in Adult Education, and friends and others with an interest in maps were also invited.

Not surprisingly, the society's members are interested in both historical and modern maps, and this is reflected in their programmes.

Topics have ranged from the production and use of maps for the blind to Portolan charts of the Renaissance: the Turkish version. The society has been considering issuing facsimile maps in collaboration with the Michigan Historical Society.

Three members presented papers at a regional meeting of the Association of American Geographers, in September. The autumn programme also included a meeting with Dr Helen Tanner, of the Newberry Library, Chicago, who gave a presentation on maps made by American Indians of the Great Lakes region.

Meetings are usually held on the second Tuesday of each month, except during the summer, and new members are welcomed. The annual subscription is \$10.

Enquiries should be made to June C. Harris, Secretary of the Michigan Map Society, William Clements Library, Ann Arbor, MI 48109, USA.

The Nordenskiöld Collection

THE COMING YEAR will be one of special celebration for antique map enthusiasts in Finland. For 1979 marks the centenary of the discovery of the Northeast Passage by the Finnish born explorer and scientist, Adolf Erik Nordenskiöld.

Nordenskiöld (1832-1901) was born in Helsinki and studied at the university there, taking his doctor's degree in 1856, majoring in mineralogy. He had to leave his home country for political reasons in 1857, and actually made his career in Sweden, where he was an intendant of the mineralogy department of the State Museum, and held a professorship in mineralogy in the Academy of Sciences.

As an explorer he was specially interested in arctic regions, making several journeys to Spitzbergen, Greenland and the Kara Sea. He was the first person to sail along the Northeast Passage (1878-1879), and it was this journey that made him world famous.

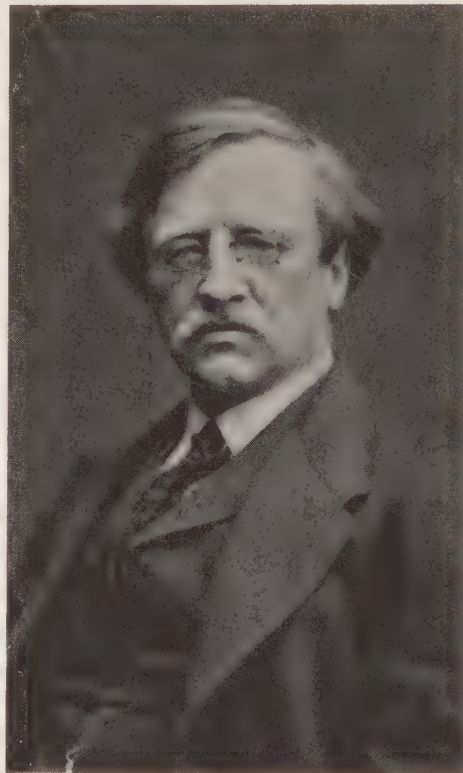
In preparation for the voyage, Nordenskiöld carefully studied old narratives, and he was so inspired by these that he started collecting them to form his own library.

His original intention was to collect, as far as possible, all printed geographic and cartographic literature prior to 1600, but later he extended his interests to scientific literature in general. Through several agents and European second hand book shops he acquired 3,870 catalogued works, including 123 books from the infancy years of printing, 500 atlases and more than 400 single maps.

The result is one of the best collections in the world of printed cartographic literature prior to 1700, described at a Brussels meeting of the International Federation of Library Associations, in 1977, as a 'veritable treasure house.'

In addition to fifty different Ptolemy editions it contains works of many great map-makers, such as Münster, Apianus, Gastaldi, Ortelius, Mercator, Blaeu and Homann. There are also over eighty early works on America.

After Nordenskiöld's death, the University of Helsinki bought his library from Sweden, in 1902, but the lack of serviceable catalogues has hampered its use ever since. For the past ten years, however, a detailed catalogue has been in preparation and is expected to be available soon. Altogether it will comprise about 25,000 maps, prior to 1800, and their facsimile editions.



A.E. Nordenskiöld at the time of his famous Northeast Passage voyage.

Perhaps surprisingly, the collection was little known in Finland until the late 1960s, although researchers in other countries had long been aware of it and had used it a good deal. Most foreign researchers have been interested in the history of cartography or related fields, and Nordenskiöld himself has recently been an object of study for Mr Tokue Aiba's biography in Japanese.

Finnish researchers have mostly used the collection for philological, ethnological and historical studies. It is also a good source for the study of place names. Finnish television has twice photographed some of the material for historical documentaries and the collection has also been featured in the country's leading newspaper.

Despite the importance of the Nordenskiöld

collection, however, the Helsinki University Library, which is the national library of Finland and one of the country's oldest cultural institutions, has an even more outstanding possession – its extensive collection of Russian works.

This is believed to be the world's largest collection of Russian material, published between 1829 and 1917, outside the Soviet Union. For during that time the library was the copyright depository for all works printed in the Russian Empire, and efforts are continually made to augment the collection.

There are some 200,000 volumes of Russian literature, filling about six kilometres of shelving!

The whole library, including maps, books and manuscripts, contains an estimated 1.7 million volumes.

BOOK REVIEWS



300003447

JOHN HILLS, ASSISTANT ENGINEER by *Peter J. Guthorn*. Portolan Press, Brielle, New Jersey. A royal 8vo booklet in paper wrappers and folio paper wrapper containing facsimile maps of his collection of maps of New Jersey, pp 58. \$26.50 (including post).

John Hills, a British Military Engineer, served in the American War of Independence. Remaining in America on the conclusion of peace, he set up as a surveyor and draughtsman firstly in New York and finally in Philadelphia.

He worked during the war for Sir Henry Clinton and after the war for General Knox and the General Court of Massachusetts. Most of his work is in manuscript but he produced a printed plan of Philadelphia in 1796 and another on May 1, 1808 sold by the author and principal booksellers in Philadelphia.

One of his most notable productions was his 'Collection of Maps of New Jersey' covering practically the whole of the state. These manuscript maps form the basis of this monograph; the facsimiles including plans of Perth Amboy, Bonham Town, Brunswick, the road from Black Horse to Allentown, surveys of the counties of Middlesex, Somerset and Monmouth, Chart of Delaware Bay, Plan of Paulus Hook and the works erected for its defence etc.

This is an excellent work. The author is to be congratulated upon rescuing, from perhaps undeserved neglect, this anglo-American cartographer thus assuring him of a permanent place in history. The format is modest, a useful index is supplied and the facsimile maps by the Meridian Press are excellent.

R.V. Tooley

MAPPING THE AMERICAN REVOLUTION-ARY WAR by *J.B. Harley, Barbara Bartz Petchenik and Lawrence W. Towner*. Chicago & London: The University of Chicago Press, 1978. pp 187. £17.50.

When François de Fleury, a volunteer engineer, made a map of the siege works of Fort Mifflin in 1777, he annotated his plan with the disclaimer 'the engineer officer of this imperfect draft begs indulgence for it; Considering he has not paper, pen, rule neither cercel, and being disturbed by good many shells or Cannon's balls flying in the fort.' As Brian Harley comments, that he was able to make a plan at all is remarkable!

The mapping of the American Revolutionary War was the theme for the 1974 series of the Kenneth Nebenzahl Jr. Lectures in the History of Cartography. This volume, the fourth in the now well-established publications of the lectures, sets new standards of excellence in the first three chapters which deal with the contemporary mapping of the war, and which constitute a seminal contribution to our understanding of military cartography. Written by Brian Harley, they range in subject matter from cartographic techniques, through the spread of cartographical ideas between the Revolutionary armies to the map-user in the revolution. An exhaustive study of diverse source materials had enabled Dr. Harley to construct a systematic classification of military maps, which stands up to close scrutiny when applied to the prolific range of mapping of the Seven Years War (1756-63).

His appraisal of military education in France, Prussia and Britain demonstrates the cross-pollination of cartographical ideas in Europe which gives little support to the concept of an exclusive British school of mapmaking, and it is refreshing at last to see that the emphasis on the importance attached in recent work to the training of engineers at the Royal Military

Academy at Woolwich is reduced here to its proper perspective. As Dr. Harley points out, of the British engineers in the period 1741-81, hardly more than a third received topographical education at the RMA, and his interesting analysis of the regimental affiliations of map-makers reveals the significant role played by officers of the line in the mapping of the American Revolution. To try to discover the extent to which maps influenced military decisions has always been a goal of the historian and here it is concluded that maps were seldom, if ever, the sole basis for a commander's decision: 'maps were only one tool of many in the kitbag of topographical knowledge — any one of which might have provided a fact in a vital second of decision.'

An examination of over 700 maps provided the basis for Lawrence Towner's work on the 19th century mapping of the revolution described in the fourth chapter. The work of three major contributors to revolutionary cartography for this period, Benson J. Lossing, Henry B. Carrington and Justin Winsor, is discussed in detail, and it is shown that the historical cartography of the Revolutionary War during this period lacked a systematic foundation in both theory and technique. The final chapter by Barbara Bartz Petchenik is concerned mainly with the 20th century battle plans of the revolution, which are criticised for their lack of spatial information and organisation. Miss Petchenik's own work on the modern mapping of the war for the *Atlas of Early American History* (1975) is briefly described. The point is made that while authors would not include uncredited paragraphs from tertiary sources in their texts, they do not hesitate to condone such practice when it comes to maps.

Mapping the American Revolutionary War is attractively produced, following the format of the previous volume in the series *Five Centuries of Map Printing*. The illustrations are intelligently selected and well reproduced, although it is unfortunate that a slip in the otherwise keen editorial vigilance has allowed a nonsensical caption to appear beside figure 3:1, thereby nullifying much of the discussion relating to it. This book is essential reading for students of the American Revolution and will be a basic reference work for the historian of military cartography.

Yolande O'Donoghue

MAPS OF PORTSMOUTH BEFORE 1800 by *Donald Hodson*. Published by the City of Portsmouth. Printed by Eyre & Spottiswoode (Portsmouth) Ltd, Grosvenor Press, 1978. £12.00.

In 1972, when writing in the *New Library World*, I bewailed the dearth of carto-bibliographies and confidently called upon my professional colleagues to pull out their fingers and get compiling. Very vain indeed of me it was to imagine that a clarion call from me would have the slightest affect on the situation. In that article I had showed, by means of dots and hatched lines on a map of England and Wales, the towns and counties for which carto-bibliographies already existed. If I were called upon to revise that article today, only one change would be needed — a dot for Portsmouth, representing another carto-bibliography compiled by a non-librarian!

Never mind, quality this time more than makes up for quantity, and Mr. Hodson, a chemist, is better qualified than any librarian I know to compile it. His *Printed Maps of Hertfordshire*, published by Dawsons as a volume in 1974, was a model for all future

county carto-bibliography compilers. (One for Sussex, I'm delighted to report, will shortly be appearing.) Hodson also worked closely with R.A. Skelton on *County Atlases*. Currently he is painstakingly compiling the next volume. All I can say is, Portsmouth is a very lucky city.

In *Maps of Portsmouth* 310 maps and plans are described — 305 manuscript, five engraved. The arrangement is novel but effective. Rather than list all the maps chronologically Hodson has arranged them in the first place by location. Within each location the maps are described chronologically. Exceptions are made for maps that are copies or revisions. Such maps are to be found listed after their prototypes. For number 87, J.P. Demaretz's 'Plan of Portsmouth with a Proposed Intrenchment for the Better Securing His Majesties Dock at Portsmouth', 1757, thirteen such copies and revisions are listed. A straightforward chronological index is provided for those who might need it.

In the notes Mr. Hodson tells us why the maps were compiled, provides us with guidance to their accuracy, and gives evidence for authorship and dating, etc. Each map is given a category number: 1 = a primary map; 2 = a copy with unrevised topographical content; 3 = a copy with revised content; 4 = a derived map. Appendix I consists of a listing of the maps appearing in the Howlett Reports, published in the early nineteenth century but containing maps based on ones produced in the seventeenth and eighteenth centuries, some of which have not survived. Appendix II consists of biographical notes on the mapmakers — forty-three of them altogether. Maps of Portsmouth have been located in eighteen depositories. These include the obvious ones — the Public Record Office, the British Library, and the Portsmouth Record Office — also less obvious ones — Staffordshire Record Office and Holy Trinity Church, Gosport. And some far away — the Bibliothèque Nationale and the Archives Nationales in Paris.

Could Hodson's carto-bibliographical method in any way be improved upon by anyone rash enough to follow in his footsteps? In one respect, possibly. Initially a map has to be needed. That need then will be expressed, someone will commission it, and someone will eventually pay for it. This information is relevant and useful and can sometimes be tracked down in the records. If the compiler is a local man (Mr. Hodson is not), and the local records are at hand, he can seek it and give his readers the benefit of his researching.

Hodson's *Portsmouth* can certainly be regarded as a model for future town carto-bibliographies, particularly for such defensive towns as Plymouth, Dover, and Kinsail. And even for entirely dissimilar towns future compilers of carto-bibliographies, if they have any sense whatsoever, will surely turn to *Portsmouth* for inspiration.



Portsmouth Harbour 1750 by J.P. Desmaretz. By the end of the eighteenth century Portsmouth was one of the best mapped towns in Britain due to the naval and military presence there. From Donald Hodson's new book *Maps of Portsmouth Before 1801* reviewed in this issue. By Courtesy of Portsmouth Record Series.

As a supplement to *Maps of Portsmouth*, the City of Portsmouth have published a portfolio of fourteen significant maps of the town, most in colour.

Ralph Hyde

Books received

INDIA OFFICE LIBRARY AND RECORDS Report for the year 1976. Foreign and Commonwealth Office. (This book will be reviewed in the March issue.)
THE TIMES ATLAS OF WORLD HISTORY. Published by Times Books Ltd. £20. (This book will be reviewed in the March issue.)

Catalogues received

W. GRAHAM ARADER III, Rare maps, books and prints, 1000 Boxwood Court, King of Prussia, Pennsylvania 19406, USA. *Catalogue 16, June, 1978*. Compiled by Donald H. Cresswell, *et alia*. Regional catalogue in eight sections dealing with rare books and atlases, the World, North and South America, mapping the Gulf coast, Europe, Asia, prints and reference books. pp 41, 262 items, 71 illustrations, index.
MAPSELLERS LTD, 37 Southampton Street, London WC2E 7HE. *Mapsellers, August 1978, issue no. 13*. Compiled by A. Carson Clark and Jeannette Morton. General listing of maps of all parts of the world. pp [16], 437 items, 46 illustrations.

A&C SKOV'S KORTKABINET Aps, 2 Helenevej, Postboks 37, DK-2960 Rungsted Kyst, Denmark. *Old and Rare Maps and Charts from Centuries Past from the Five Continents and the Seven Seas*. Compiled by Christian Skov. Regional catalogue of maps and charts in nine sections of all parts of the world. Accompanied by illustrated brochure introducing the company. pp 60, 1275 items, 8 illustrations (in brochure), index.

VERBAND DEUTSCHER ANTIQUARE eV, Zum Talblick 2, D-6246 Glashütten im Taunus 1, West Germany. *Gemeinschaftskatalog Deutscher Antiquare 1978*. Wertvolle Bücher, Zeitschriften, Autographen und Graphik aus Fünf Jahrhunderten. Siebzehnter Gemeinschaftskatalog. Combined catalogue comprising trade lists from 62 dealers, with an appendix of 22 display advertisements. pp 177, 22 illustrations, index.

PHILIP A. ROUSSEL, The Windsor Collection, 111 Canterbury Drive, Wilmington DE 19803, USA. *The Windsor Collection, Early Maps and Atlases, Supplement to Catalog 8*. Catalogue in four sections describing atlases, geographies and travel books; North America; South America; and the World. pp 14, 73 items, 2 illustrations.

AUVERMANN & REISS KG, Zum Talblick 2, D-6246 Glashütten im Taunus 1, and HANS HORST KOCH, Hauptstrasse 7-8, D-1000 Berlin 62, West Germany. *150 Seltene Bücher Gemeinschaftskatalog Herbst 1978*. Auvermann & Reiss Glashütten im Taunus. Hans Horst Koch Berlin. Combined antiquarian and rare book catalogue describing books, atlases and plate-books of all parts of the world listed in author

sequence. pp [68]. 150 items, 2 colour plates, 39 illustrations, subject index, list of abbreviations, separate price list.

GALERIE BRUMME MAINZ GmbH, Kirschgarten 11, D-6500 Mainz, West Germany. *Alte Landkarten und Stadtansichten, Pflanzen und Tiere, Berufsdarstellungen Porträts*. Catalogue in two sections, the first describing maps, charts, plans and views arranged on a regional basis, the second prints and portraits arranged by subject. pp 128, 1978 items, 28 illustrations, subject index.

A.L. van GENDT & Co BV, Keizersgracht 610, Amsterdam, The Netherlands. *Catalogue XXXV Old, Rare & Interesting Books From Our Stock Mainly Recent Acquisitions*. Catalogue describing atlases and books. pp 46, 30 illustrations, subject index.

A.L. van GENDT & Co BV, Keizersgracht 610, Amsterdam, The Netherlands. *Catalogue XXXVI Bibliography, Typography, Reference Works, Fine and Applied Arts*. pp 24, 335 items.

O MUNDO DO LIVRO, 11 Largo da Trindade 13, Lisboa-2, Portugal. *Boletim mensal de livros novos e usados. Boletim Nº. 110-Setembro de 1978*. Catalogue of books, plate books and MSS, many of worldwide interest. pp 25, 237 items.

POHJOISMAINEN ANTIKVAARINEN KIRJAKAUPPA, SF-00130 Helsinki 13, P. Makasiinikatu 6, Finland. *Catalogue LX*. Catalogue in four sections containing old engraved maps, decorative prints, rare books and periodicals. pp 25, 35 items, 11 illustrations.
ARGONAUT BOOK SHOP, 786-792 Sutter Street, San Francisco CA 94109, USA. *Fine and Rare Books Catalog 76*. Catalogue



arranged in four sections, general, angling, maps of the American states and Grabhorn Press. Describes books, atlases and maps relating to all parts of the world. pp [80], 211 items, list of references cited.
 IVAN R. DEVERALL Antique Maps. Duval House, The Glen, Cambridge Way, Uckfield, Sussex TN22 2AA. *Autumn 1978*. Catalogue describing maps mostly of the British Isles. pp 8, 117 items, 43 illustrations.
 THE MAP HOUSE, 54 Beauchamp Place, Knightsbridge, London SW3 1NY. *Catalogue of Sixteenth Century Town Views by Braun and Hogenberg*. Descriptive exhibition catalogue arranged by region. 161 items, 9 illustrations.
 H. TH. WENNER, Buchhandlung, Antiquariat

Verlag, D-4500 Osnabrück, Heger Strasse 2-3, West Germany, *Antiquariatskatalog* 279. *Landkarten 16-18Jh*. General catalogue of old maps and atlases of all parts of the world arranged on regional basis, plus thematic charts. pp 140, 665 items, 126 illustrations, regional index and list of cartographers.
 RICHARD B. ARKWAY INC, 114 East 61st Street, New York NY 10021, USA. *Catalogue No. XII Maps Prints*. Catalogue of maps and prints of the Americas and Asia in five sections: Maps related to America; 24 Maps published in America before 1800; Barbados map with Essay (by J.D. Black); Maps of Asia; Prints. Compiled by R.B. Arkway and J.D. Black. pp. 36, 169 items, 98 illustrations, index.

LETTERS TO THE EDITOR

Sir
 Congratulations to the series of 'The Map Collector' and especially to issue three with Palestine as its centre subject. The list of the Palestine maps of Ortelius is highly useful. The same can be said of the collations and as far as these are concerned may I add the following:-
 1. BÜNTING
 It was first published in 1581, and not in 1585. There was a second edition in 1582, so that the 1585 is the third one, followed by many others.
 The first three editions were printed in Helmstadt, by Jacobus Lucius Siebenbürger. The first part of the book, relating to the

'Old Testament' contains in these editions seven maps and plates only; the three maps nos. 4, 5, 6, of your list appeared the first time in the 1587/8 edition, printed in Wittenberg by Zacharias Krafft, and from then on in all following editions.
 I own the 1582, 1585 and 1600 editions; the last one was printed in Magdeburg by Andreas Duncker, and published by Ambrosius Kirchner.
 2. G. ZUALLARD (Jan Schwallart)
 The first edition of his IL DEVOTISSIMO VIAGGIO DI GERUSALEMME appeared in 1587 in Rome, a second one in 1593, and a third one in 1595, followed by another one in

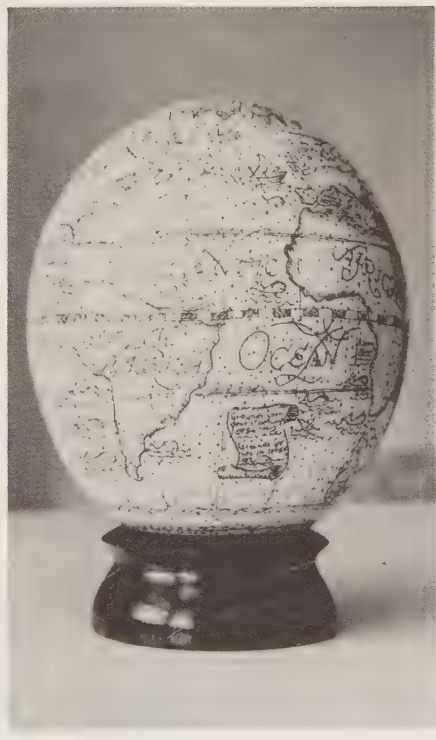
1597. The plates (51) are identical in all editions. They are throughout engraved by Natale Bonifacio, as shown on the title-page of the first edition, which reads:
 IL DEVOTISSIMO
 VIAGGIO
 DI GERUSALEMME
 Fatto, & descritto in sei libri dal Seg^r. Giovanni Zuallardo. Cavaliero del Santiss. Sepolcro di N.S. l'anno 1586.
 Aggiuntoui i disegni di varij luoghi di Terra Santa & altri paesi.
 Intagliati da Natale Bonifacio Dalmat.
 CON LICENZA DI SVPERIORI,
 stampato in Roma
 Per F. Zanetti, & Gia Ruffinelli nell' Anno. MDLXXXVII.

8 ff plus pp. 1-402 plus 5 ff.
 on last page: IN ROMA, Per Francesco Zannetti, & Giacomo Ruffinelli

I hope that I have been able to add somewhat to the information which you provided in your review.

Eran Laor
 The Jewish National and University Library, Jerusalem.

Cartographical Curiosities 2



These strange-looking maps are not globes as you might think but world charts on ostrich eggs! They show the whaling grounds abandoned in 1875 and the whaling grounds in use in the same period. These pictures were sent to us by Joseph Shramko of Chatham, New Jersey.

Sir.
 I have been compiling information for some years for a bio-bibliography of Dalrymple, using both original documents and printed collections of his engraved and letterpress works. (In this connection I am providing information for the British Library's Eighteenth Century Short Title Catalogue project, and it will be a pleasure to use 'Edwards nos.' [See 'The Map Collector' no. 4. Ed.] for references.

Necessarily, my study of Dalrymple's East India Company work requires more bibliographical detail, especially as concerns the inter-relationship of published collections of engraved charts and letterpress memoirs throughout the last quarter of the eighteenth century (I have already compiled for publication a catalogue of the India Office Library and Records collections of Dalrymple's East India Company charts), and I would be grateful for any help your readers can give me in locating further collections of Dalrymple's publications for study and comparison.

With good wishes for 'The Map Collector' as it enters its second year.

Andrew S. Cook
 India Office Library and Records
 197 Blackfriars Road
 London SE1 8NG

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Collectors' Barometer

A continuous record of important items sold in auction.
Compiled by John Goss

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. As a consequence of the general increase in prices, the new threshold of £750 for reporting individual items was raised from the previous figure of £500. Otherwise, the section would have run to excessive length and defeated the purpose of highlighting the important lots. 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 £200,550.

CHRISTIE'S, LONDON, 21 JUNE 1978 (PREMIUM 10%)

1 [SCHEDEL (HARTMANN): LIBER CHRONICARUM], FIRST EDITION, 260 leaves only (of 326, lacking the first 20 leaves, fols. 32, 117, 122, 159, 160, 183, 184, 189, 259-61, 264 and all after 265 except the 5 unnumbered leaves 'De Sarmatia'), 64 lines, partly in double-column, gothic letter, numerous woodcut illustrations including repeats by Wolgemuth and Pleydenwurff (first leaf severely defective at inner margin, numerous leaves strengthened at the inner margins, several short tears, mostly repaired, occasional light brown and spotting), late eighteenth century half russia (worn, upper cover detached) [HC 14508*; BMC II, 437; Goff S307], folio [Nuremberg, Anton Koberger, 12 July 1493], sold not subject to return.

£2600

2 SCHEDEL (HARTMANN): LIBER CHRONICARUM, FIRST EDITION, 302 leaves only (of 326, lacking fols. 38, 57, 58, 101, 107, 108, 159, 183, 259, 261, 273, 281, 282, 292-298, 325 and the final blank), 64 lines, partly in double column, gothic letter, numerous woodcut initials (including repeats) by Wolgemuth and Pleydenwurff including a large double-page map of Europe (defective, title cut out and mounted, half of following leaf torn away, the following few leaves marginally defective, numerous defects, the worst being at fols. 41, 162, 182, 208, 257, 263 & 264, fols. 61-88 & 291 & 299 misbound, upper and fore-margin worming, severe at times, affects text, some brown and waterstaining, many margins frayed), seventeenth century blindstamped calf (worn and defective) [HC 14508*; BMC II, 437; Goff S307], folio, Nuremberg, Anton Koberger, 12 July 1493, sold not subject to return

£3300

3 BOWEN (EMANUEL) and THOMAS KITCHIN: THE ROYAL ENGLISH ATLAS: being a new and accurate set of maps of all the counties of South Britain. FIRST EDITION, title in red and black, 44 double-page engraved maps, titles in ornate cartouches, many with inset views, all hand-coloured in outline (a few creased), contemporary half sheep (worn) [Chubb CCXVII], folio [1762]

£2000

4 HONDIUS (HENRICUS): ATLAS NOVUS, 3 vols. hand-coloured engraved titles, 318 double-page engraved maps, hand-coloured in outline, mounted on guards throughout, index leaves and 'index Chartarum' at end of each vol. (some browned, considerable at beginning and end of each vol., one or two tears, map 'Udrone Irlandiae' mounted, a few maps considerably browned in vol. II, some creases, vol. III with title strengthened, worming through 3 maps, affecting the printed area, in one case badly), original gilt-panelled vellum, centre and cornerpieces, spine panelled with 6 compartments, gilt and gawfed edges (wanting ties, hinges broken in vol. I, spine of vol. II wormed and repaired in 3 places, hinges broken, spine of vol. III torn, hinges broken), folio (498mm. x 325mm.), Amsterdam, H. Hondius, 1638. (3)

£7200

5 PTOLEMAEUS (CLAUDIUS): GEOGRAPHICAL ENARRATIONIS LIBRI OCTO BILIBALDO PIRCKEYMIERO INTIPRETE Annotationes Ioannis de Regio Monte in errores commissas a Jacobo Angelo in translatione sua, title within woodcut architectural border (damaged and repaired but with no loss of text), 49 double-page woodcut maps and one single-page woodcut map on the verso of one of the latter, text in double-columns surmounted by woodcut scrolls, woodcut illustrations, one full-page (lacks, according to Adams, but not to Sabin, 2 leaves of the Orbis Typis Universalis, small insignificant worm-hole in the last 17 maps although the last 8 maps slightly more wormed, last map marginally repaired, occasional light staining), modern morocco, onlay of an astrolabe surmounted by a flaming sun on upper cover, onlays of leafy scroll patterns on both covers [Adams P2221; Sabin 66492], folio, Strasbourg, J. Gruninger for J. Koberger, 1525. The maps are printed from the same blocks as in the 1522 edition although Pirkheimer's translation is new.

£4200

6 SAXTON (CHRISTOPHER): THE SHIRES OF ENGLAND AND WALES... with many additions and corrections by Philip Lea, engraved title and 33 double-page engraved maps mostly hand-coloured in outline, only (of 54), Cambridge defective with a third of the map torn away, a few other maps with short tears at folds, title torn at foot, contemporary half sheep (worn), folio, Sold by George Wilkley [1720]. Bound in

is a double-page map of South Wales by Robert Morden.
£4800

7 SPFED (JOHN): THE THEATRE OF THE EMPIRE OF GREAT BRITAIN, 2 parts in one vol., additional engraved title by White, frontispiece arms of Charles II and 96 double-page engraved maps, all hand-coloured (top fore-corners of the map of Ireland torn away and repaired with part of the border supplied in facsimile, short tear in Suffolk, marginal tear in Africa, piece missing from the margin of Palestine, Northamptonshire printed upside-down, a few short marginal tears and light spotting), 5 double-page printed tables, text and maps throughout mounted on guards, early eighteenth century calf (rebaked, corners repaired), bookplate of Hudson Gurney [Wing S4886; Chubb XXVII; Sabin 89228], folio, For Thomas Basset and Richard Chiswell, 1676.

£10,000

8 SPIED (JOHN): THE THEATRE OF THE EMPIRE OF GREAT BRITAIN, 96 double-page engraved maps (hole in Brecknockshire and very minor defects in Ulster, lacks additional engraved title and frontispiece arms of Charles II), 5 double-page printed tables, text and maps throughout mounted on guards, contemporary sprinkled calf (skillfully rebaked with part of original spine preserved) [Wing S4886; Chubb XXVII; Sabin 89228], folio, For Thomas Basset and Richard Chiswell 1676. Apart from the minor faults noted above the maps are in good condition.

£11,500

9 ZATTA (ANTONIO): ATLANTIS NOVISSIMO, 4 vols. in 2, engraved title to each vol., that of vol. I double-page, and 216 double-page maps only (of 218), mostly engraved by Pittori, hand-coloured in outline with the inset views or cartouches exquisitely coloured (short tear in one map of Poland in vol. II), contemporary half sheep (scuffed and rubbed), folio (map size 387 x 502mm.), Venice, Antonio Zatta, 1779-85. (2). A FINE COPY

£3000

TOTAL MAPS AND ATLASES £51,185 (24 lots)

HOBBS PARKER, ASHFORD, 23 JUNE 1978 (NO PREMIUM)

10 County Atlas of Great Britain by Emmanuel Bowen, Circa 1750 comprising 33 maps.

£1350

TOTAL MAPS AND ATLASES £1350 (1 lot)

SOTHEBY'S, LONDON, 10 JULY, 1978 (PREMIUM 10%)

11 CAMDEN (WILLIAM) BRITANNIA, sixth edition of the Latin version, additional engraved title, [Johnson: Hole, no. 2], 56 engraved maps only (of 57, lacking map of Anglesea), all but one double-page, all in text apart from the map of Anglo-Saxon England, full-page engraved illustrations of coins in text, some of the leaves containing maps cropped, with slight loss to text and map, some browned and soiled, eighteenth century half roan, worn, upper cover detached [STC 4508], sold as an atlas, not subject to return, folio Impensis Georgii Bishop & Ioannis Norton, 1607.

£1300

TOTAL MAPS AND ATLASES £4862 (21 lots)

CHRISTIE'S, LONDON, 12-13 JULY, 1978 (PREMIUM 10%)

12 TASSIN (NICOLAS): LES PLANS ET PROFILZ DI TOUTES LES PRINCIPALLES VILLES ET LIEUX CONSIDERABLES DE FRANCE ENSEMBLE, les cartes generales de chascune province et les particulieres de chascune gouvernement, 2 vols., engraved title to each vol., 15 engraved sectional titles and 15 tables heading the separate sections, general map of

France and 412 maps, including a few views, one folding (lacking A1, possibly a printed title, occasional dampstaining in upper corner of some sections, 2 maps detached from binding), contemporary limp vellum, oblong 4to (160 x 232mm., impressions of most maps 105 x 150mm.) [Paris, circa 1634]. (2). PROVENANCE: Ex Libris Jo: Evelyni emptus in vico vulgo le qaye (sic) des Augustines Parisius: 16: Martii 1643: pretium 5 frank [in vol. II-10(10)]. Explore omnia, meliora Retinete, [in vol. II: Dominus Providebit]. PRESS-MARK: In chartophy: 55 and symbol of Jupiter. Similar to the atlas described in Phillips I. 2949, which is stated to be published by I. Messenger and to have 337 maps and 79 plates. The present copy has no imprint, but the privilege leaf to Tassin is dated 1631. The maps as listed in the tables preceding each section appear to be all present, including the 4 extra maps of Beaulieu and Lorraine mentioned in Phillips. The unusually fine plates are all unsigned, but could well be the work of Picart. The sections are as follows: Picardie (44 maps), Champagne (52 maps), Lorraine (25 maps), Bretagne (26 maps), Normandie (25 maps), Isle de France (16 maps, one folding), Brie (15 maps), Bourgogne (21 maps), Dauphiné (38 maps), Provence (17 maps), Oranges (3 maps), Languedoc (45 maps), Foix & Bearn (16 maps), Guienne (21 maps), Poictou (24 maps), Loire (17 maps), Beaulieu (18 maps) each section with an additional engraved title and usually a table included in the pagination

£3000

13 BIRTUUS (PIETRUS): THEATRI GEOGRAPHIAE VETULIS tomus prior Cl. Ptol. Alexandrini Geographiae libri VIII Graece et Latine ... emendata sunt [...], tomus posterior in quo Itinerarium Antonini ... Terrestre & Maritimum ... Tabula Peutingeriana ... Paregri Orteliani Tabulae aliquot] 2 vols., engraved titles (that of vol. I cut out and mounted as is the following leaf of dedication), 28 engraved maps in vol. I, 27 double-page, 9 maps illustrating the Iter Antoninum, 8 double-page, and 14 double-page Ortelius maps, 2 portraits, woodcut and engraved illustrations, (margins of all preliminary leaves repaired, several tears throughout, mostly repaired, some dampstaining and browned), contemporary calf, gilt, folio [Amsterdam, J. Hondius, 1618-19]. Sold as an atlas not subject to return.

£1100

14 DUTIRRE (JEAN BAPTISTE): HISTOIRE GENERALE DES ANTILLES, habitees par les François ... 4 vols, in 3, engraved frontispiece in vols. I and II, emblematic armorial leaf before dedication in vols. I, III and IV, 5 folding maps, 17 plates, 9 folding (slight defect in title of vol. I affecting one word of text, tear in leaf 3C1 of vol. II without loss of text, flaw in one plate in last vol. causing ca. 1 inch hole, first leaf A1, possibly half title, lacking in vol. IV), contemporary panelled calf (slightly rubbed), 4to, Paris, Thomas Jolly, 1667-71, (3). Sabin 21458 (with fewer plates); Brunet 28624; 'Ouvrage fort recherché et qui est devenue rare'. FIRST EDITION, Sabin, quoting Rich, states 'the two last volumes of this work (ope of the most valuable we possess on the West Indies) .. are extremely scarce.'

£1300

TOTAL MAPS AND ATLASES £9470 (17 lots)

BONHAM'S LONDON, 26 JULY, 1978 (PREMIUM 10%)

15 THORNTON (J): ATLAS MARITIMUS, OR THE SEA-ATLAS, engraved title and 27 fine double-page sea charts with cartouches, etc., 2 dated 1701-2, folio, original calf (worn, some age staining throughout, some margins slightly frayed, as an atlas sold not subject to return) [1742?]

£1200

16 SCHEDEL (Hartmann): LIBER CHRONICARUM, 1809 WOODCUTS, SOME DOUBLE-PAGE AND A DOUBLE-PAGE WOODCUT MAP, BY WOHLGEMUTH AND PLEYDENWURFF, FIRST EDITION, 325 leaves including the 3 blank leaves and the 5 leaves of 'De Sarmacia' after the colophon, folio, full red crushed morocco gilt, g.e., by Riviere (a few blank margins, etc., skillfully repaired), A LARGE AND FINE COPY, Nuremberg, 1493 [Ham 14508]

£7000

TOTAL MAPS AND ATLASES £9884 (15 lots)

PHILLIPS, LONDON, 1 AUGUST, 1978 (NO PREMIUM)	
17 Camden (William): Britannia, E. Gibson trans., 50 double-page maps by R. Morden, calf, folio, 1695.	£900
TOTAL MAPS AND ATLASES £4700 (34 lots)	

STANLEY GIBBONS AUCTIONS LTD. 1 SEPTEMBER 1978 (NO PREMIUM)

18 Falkland Islands, <i>Boutflower, T.</i> (Capt.): (untitled) (c. 1768); a series of six manuscript maps of the islands, with features hand-coloured (individually mounted and framed,) depicting The island group; the 'Penguin & Albatross Towns' of Saunders Island; the 'Mullet & Trout Fishery' of Byrons Sound; the 'Sea Lion party on Burnt Island,' the 'Proggng Party on Keppels Island,' and 'Pori 'Praye', This undoubtedly unique set of maps was made only four years after De Bougainville discovered the islands and some three years after Capt. John Byron had claimed them for Great Britain. Capt. Boutflower was a member of the 1760 Falkland Island Expedition.)	£1300
TOTAL MAPS AND ATLASES £19,000 (317 lots)	

PHILLIPS, LONDON, 12 SEPTEMBER, 1978 (PREMIUM 10%)	
19 Speed (John): The Theatre of the Empire of Great Britain, with Prospect, engraved front and title, 91 uncoloured maps, old calf, folio, Bassett & Chiswell, 1676.	£8500

20 Tracts, Impartial Account of the late Expedition against St. Augustine under General Oglethorpe, plan and map of Florida on 1 sheet, 1742 <i>bound with</i> Journal of the Expedition to La Guaira ... in the West Indies, 1744 A Geographical History of Nova Scotia, with a description of American Indians, 1749, and 8 other tracts.	£1100
TOTAL MAPS AND ATLASES £15,004 (43 lots)	

J I BEIJERS, UTRECHT, 13 SEPTEMBER 1978 (PREMIUM 16%)	
21 ATLAS VAN ZEELAND, vervattende kaarten van alle eilanden, benevens grondtekeningen en gezigten der steden, dorpen, gebouwen, als mede portraiten, Amst., I. Tirion, 1760. Large folio. Calf (sl. dam.), on front cover the arms and initials of the family De Jonge van Ellemeet. Koeman III, Tir 8,. The atlas consists of 6 double-page maps and 6 double-page plans, 19 portraits by J. Houbraken and P. Tanjé, and 69 plates after C. Pronk by J.C. Philips and H. Schouman. Among the plates are 7 double-page views: Middelburg (2), Vlissingen, Veere, Zierikzee (2) and Tholen, 45 plates have 2 views each. - (5 maps sl. browned).	fl. 10,500

22 ELWE, I.B. Atlas, Amsterdam, 1792. Large folio. Koeman E 2. - 35 (of 37) maps (and 3 other plates) all double-folio; coloured by hand. World-map, Europe (17), etc. (Lacks: Holland and Dutch East Indies).	fl. 4200
23 TIRION, ISAAC. Nieuwe en beknopte hand-atlas, Amsterdam, after 1769. Folio. Contemporary half calf, tiling-label gilt on spine (binding damaged). FINE. Title, index leaf, and 112 maps on 108 double-page or folding leaves (dated 1732-1769). all in original colouring. World-map, Europe (33), the Netherlands (40), America (15), etc.	fl. 15,000

24 BIBLIA, dat is de gantsche H. Schrifture. t'Amsteldam, erfigenamen P. Aertsz van Ravesteyn, 1664. Folio. Morocco, gilt edges. With 6 folding maps. States-General view. Fine large copy on good paper. On a fly-leaf at the beginning coat of arms, finely drawn and coloured, of the Van Wassenaar family superimposed by those of Noordwijkerhout. Fine contemporary reddish-brown morocco binding by MAGNUS: spine richly gilt (gilding somewhat dull) in 7 compartments; the sides gilt overall with large groups of drawer-handle and other small tools. Eight silver corner pieces engraved with a design of a tulip, two silver clasps, the side pieces engraved with a design of a wild rose.	fl. 29,000
25 BIBLIA, dat is de gantsche H. Schrifture. Dordrecht, P. en J. Keur, 1736. Folio. Contemp. blind-stamped russia over wooden boards (skillfully re-backed; new end-papers), brass corner-pieces and clasps. With 6 folding maps.	fl. 3400
TOTAL MAPS AND ATLASES fl. 71,210 (15 lots)	

SOTHEYB'S. BELGRAVIA. LONDON 27 SEPTEMBER 1978 (PREMIUM 10%)	
26 A JOHNSTON THIRTY-INCH TERRESTRIAL GLOBE showing the Analemma equation, with brass mounts and triple mahogany scroll supports with a central column and triangular concave feet, on castors, signed <i>W & AK Johnston, lind London and Edinburgh</i> , J 7 by 40in; 119.5 by 101.5cm approx., <i>third quarter of the 19th century</i> .	£1350
TOTAL GLOBES £1350 (1 lot)	

A L van GENDT & CO, BV, AMSTERDAM 2-4 OCTOBER 1978 (PREMIUM 16%)	
27 (TIRION, Is., Atlas van de XVII Nederlandsche Provincien. Amst., Is. Tirion. 1757). 31 fine engr. maps of the Netherlands (2 fold., 29 double-page), all in careful contemp. outline colouring, dated 1739-57. Contemp. h. roan, folio. = <i>Cf. Koeman, Tir. 7, mentioning an atlas of the 17 provinces of the Netherlands, publ. ca. 1757 as a loose-leaf atlas or bound, all copies known without title-page. In total Tirion published 40 maps of the Netherlands. Bound before our copy is a variant-title of Koeman, Tir. 2, i.e. Tirion's general atlas of 1744, Cont. a general map, 2 maps of Noord Brabant, 1 map of Limburg, 8 maps of Zeeland, 4 maps of Gelderland, 13 maps of Noord - & Zuid-Holland & 2 maps of Utrecht. Some maps with very decorative cartouches</i>	fl. 8200

28 BIBEL., DE: Tgeheel Oude ende Nieuwe Testament met grooter naersteicheyt naden latynschen text gecorrigert ende oopen cant des boecks die alteratie die hebreucose veranderinge, naeder hebreusser waarheyd der boecken die int hebreus zyn, ende die griece der boecken die int gries zyn, Antwerp, Willem Vorsterman, 27 Oct. 1528 & 7 Nov. 1530, 2 parts in 1 vol. With woodcut borders enclosing both titles & numerous woodcuts in the text by Jan Swart. Old rough calf (worn, slightly damaged), brass clasps. Small folio. = <i>Nijhoff-Kronenberg 393 & 400 (the New Testament). These two parts are often found together, but combinations with other editions also exist See on the Bible illustrations by Jan Swart Nic. Beets, De Houtsneden in Vorsterman's Bijbel van 1528 (Amst., 1915), From the Old Testament, lacks, as is usual, the folding map of the Holy Land; from the New Testament If. H6 lacks; some other leaves inserted from another, smaller copy. In both parts numerous traces of use & slight stains, a few leaves more or less seriously damaged & repaired. All in all a reasonably good copy. Sold w.a.f., not subject to return</i>	fl. 4200

29 BIBLIA, dat is de gantsche H. Schrifture ... door last der Hoogh-Mog. Heeren Staten Generael ... over-geset, Leiden. P. Aertsz. van Ravesteyn, 1645. 4 parts in one vol. With engr. title & 6 maps & plans with the privilege of C.J. Visscher & date 1648, the title & plates all in contemporary or nearly contemporary hand-colouring & heightened with gold. Contemp. shark-skin over wooden boards, 2 silver clasps & catches (no evident mark), gilt & gauferred edges, folio. = <i>An excellent copy of this edition of the famous 'Staten-Bijbel', warranted on verso title by P. Langenes. In very good interior condition. On a number of prem. leaves annotations by various former owners, beginning with the statement 'Gijshertus Goris is geboren den 16 Jehr. 1656 tot Bommel.' the last entry is dated 1909.</i>	fl. 4300
30 BYBEL., dat is. de gantsche H. Schrift des Ouden en Nieuwen Testaments, Gorinchem, N. Goetsee, 1748. 3 parts in 2 vols. With 2 engr. fronts., engr. dedication to Willem IV, 12 engr. double-page & fold. maps & 212, partly double-page, pls, after Hoet, Picart, etc. by Huijberts, v. Vianen, v.d. Gouwen, Bernards, etc. Contemp. calf over wooden boards, large gilt central ornament & 2 borders on sides, ribbed & gilt spines, loile (joints a bit worn, top & bottom of spines dam.; some pls. loose & dam., a bit browned). - <i>The series of plates is from 'Figures de la Bible,' published The Hague, P. de Hondt, 1728.</i>	fl. 9200
TOTAL MAPS AND ATLASES fl. 40,180 (23 lots)	

LAWRENCE, CREWKERNE, 5 OCTOBER 1978 (NO PREMIUM)	
31 (CHURCHILL, AWNSHAM & JOHN AND OSBORNE, THOMAS): A Collection of Voyages and Travels. Some now first printed from Original Manuscripts. Others now first Published in English (6) vols, third edition, 1744-46); with, A Collection of Voyages and Travels, consisting of Authentic Writers in our own Tongue, which have not before been collected in English, or have only been abridged in other Collections, and Continued with Others of Note ... and with great Variety of Cuts, Prospects, Ruins, Maps, and Charts. Compiled from the curious and valuable Library of the late Earl of Oxford (2 vols., Thomas Osborne, 1747); together, 8 vols.; <i>uniform folio mottled calf with gilt fillets, spines gilt with raised hands and morocco labels.</i> (Some rubbing, hinge loosening and reinforced, but internally generally bright and clean copies.) In Vols. I-VI, 303 (of 305) plates, maps, etc., lacking two Batavian plates in Vol. II, but with 5 additional plates (four folding) not called for in the prefatory list but mentioned in the advertisement to Vol. VI - giving 308. The third edition was issued with 5 extra maps all present here. Vols. VII and VIII are complete with frontispiece, 15 plates (3 folding), 37 engraved maps by Moll (10 folding) and folding table. *The eight volumes rarely appear together, the two additional volumes issued by Osborne being those known as the 'Harleian' supplements from their Earl of Oxford connection.	£800
TOTAL MAPS AND ATLASES £3570 (26 lots)	

REISS & AUVERMANN, GLASHUTTEN IM TAUNUS, 11-14 OCTOBER, 1978 (PREMIUM 15%)	
32 Meyer's Universum, Hildburghausen 1833 ff. Qu.-gr.-8vo. Bd. 1-6 in 3 Bdn. (Bd. 1 in 5, A., Bd. 2. in 6, A.). 1834 1839. Mit 3 (statt 6) gest. Tit. u. 282 Stahlstichans. Hldr. d. Zt. mit Rvg. in Pappschuber. (12). Enthalt Ansichten von Andernach, Antwerpen, Bamberg, Berchtesgaden, Bonn (2), Coburg, Danzig, Darmstadt, Dresden, Eppstein, Göttingen, Heidelberg, Innsbruck, Interlaken, Karlsruhe, Köln, Konstanz, Leipzig, Mainz (2), München (2), Neuburg, Wien, Würzburg, Salzburg, Thun u. v. a. - Schönes, nahezu fleckenfreies Exemplar. Es fehlen lediglich die 3 gest. Tit. zu den Bdn. 1-3 sowie in Bd. 6 die S. 47/48. Eine Ans. liegt lose bei.	DM 2800

33 - Holländische Ausgabe, Bd. 1-10. Amsterdam 1834 - 46. Mit 6 (st. 10) gest. Tit. u. 471 Statistischansichten. Hldr. d. Zt. (94). Enthält Ansichten von Aachen, Bamberg, Berchtesgaden, Bonn, Braunschweig (2), Coburg, Danzig, Darmstadt, Dresden, Eppstein, Göttingen, Heidelberg, Hildesheim, Innsbruck, Karlsruhe, Kassel, Koblenz, Leipzig, Mainz, München, Neuburg, Nürnberg, Stuttgart, Ulm, Wien, Worms, Würzburg u. v. a. - Meist etwas stockfl. in Bd. 7 einige Tafeln am Rand mit Blaustift bekriztelt. in Bd. 1-4 fehlen die gest. Titel.	DM 2800

34 Schedel, H. Liber chronicarum, Nürnberg. A. Koberger, 1493. Gr.-fol. Mit 2 doppelblattr. Karten u. 1808 Holzschnitten von Wohlgemuth und Pleydenwurff. 326 Bl. (dav. 4 leer). Dunkelbrauner Kalblederbd. im Stil d. Zt. üb. Holzdeckeln, mit Blindpressung u. 2 Metallschließen. (15). Hein 14508; BMC II, 437; Schreiber 5205; Goff S-307. - Erste Ausgabe der berühmten Chronik, zugleich die am reichsten illustrierte inkunabel; die Holzschnitte von hohem künstlerischem Rang. Diese lateinische Ausgabe liegt ca. ein halbes Jahr vor der deutschen und ist auf besserem Papier gedruckt. Die Holzschnitte in ausgezeichneten Abdrucken. Besonders zu erwähnen die großen Ansichten von Augsburg, Bamberg, Basel, Breslau, Köln, Konstanz, Lübeck, München, Nürnberg, Rom, Salzburg, Ulm, Venedig, Wien, Würzburg u. a., viele von ihnen die ersten topographisch getreuen Darstellungen. - Stellenweise leicht getäubt, stock- oder fingerfleckig, nur ganz vereinzelt einige braune Flecken. Gelegentlich einige kl. Würmlöcher meist im weißen Innenrand. Holzschnitt-Tit. ausgeschnitten u. auf altes Papier aufgezozen. Ca. 25 Blil mit teils restaurierten od. geklebten kleineren Randeinrissen, meist außerhalb des Satzpiegels. 3 kleine Eckabrisse, 1 kleines Loch. Etwas 40 Blil am Anfang u. einige am Ende am Falz etw. wasserfleckig, dav. 12 ebendort unterlegt. Die große Deutschlandkarte am Schluß mit längerem hinterlegtem Einriß u. einigen kleinen Fehlstellen im Papier. 5 Blil. an den Rändern ca. ½ cm enger beschnitten (möglicherweise aus anderem Expl. ergänzt). - Die 5 nn. Blil „De Sarmacie“ u. das letzte leere Bl. zwischen Bl. 266/67 gebunden, wie oft. Von den 3 leeren Blil (num. 259 261) nur Bl. 260 im Original, die anderen durch anderes altes Papier ersetzt. Ganz vereinzelt Marginalien od. Unterstreichungen von alter Hand.	DM 24,000

35 - Dass. Fragment. Nürnberg. A. Koberger, 1493. Gr.-fol. 235 (von 236) Blil mit zahlr. Textholzschnitten. Ldr. des 19. Jhdts. (52). Hain 14508; BMC II, 437. Umfangreiches Fragment der ersten Ausgabe der berühmten Weltchronik. Es fehlen u. a. sämtliche doppelblattgroße Holzschnitte und einige der blattgroßen; zahlreiche Phantasie-Ansichten sind vorhanden. Etw. braun-bzw. fingerfleckig am Rand, 2 Hälfte Außenrand stärker fleckig, tlw. bis in den Text. Ohne Rückgaberecht.	DM 4000

36 Schenk, P. Hecatompolis, sive totius orbis terrarum oppida. (Amsterdam) 1702. Qu.-kl.-fol. Gest. Titel, gest. Verzeichnis und 100 Kupferstichansichten. Ohne Einband in Lwd.-Kassette. (99). Die schönen Ansichten mit Bordure und Schriftfeld unten Augsburg, Berlin (3), Brandenburg, Breslau, Danzig, Dresden, Frankfurt a. M., Hamburg, Halle/Saale, Köln, Leipzig (2), Magdeburg, Mainz, Merseburg, Nürnberg, Passau, Riga, Stralsund, Trier, Würzburg, ferner Amsterdam (2), Antwerpen, Basel (2), Brüssel, Genf, Graz, Groningen, Innsbruck, Jerusalem, Kopenhagen, Krakau, Leeuwarden, Leiden, Linz, Lissabon, London (2); New York, Paris, Prag, Rom, Rotterdam, Stockholm (2), Uppsala, Venedig (2), Wien u. a. - 10 Blil mit restauriertem Randeinriß, nur bei 4 bis ins Bild. Amsterdam u. Surate schwacher Abdruck (tlw. mit der Feder nachgezeichnet), wenige weitere tlw. etw. schwach abgedruckt Titel angeschmutzt.	DM 32,000

37 Blaeu, W. & J. Atlas maior. Volumen III, quo Germania continetur, Amsterdam 1662. Gr.-fol. Mit 3 gefalt., 92 doppel-blattgr. u. 1 blattgr. Kupferstichkarten. Drucktit., 330 S., 1 Bl Or.-Prgt. mit Vergoldung (100). Koeman, Bl. 56. - Der Deutschlandband aus dem Atlas maior in einem wohlerhaltenen, breitrandigen Exemplar. Text tlw. gebräunt, 12 Karten stärker. Meist auf ungewöhnlich starkem Papier.	DM 32,000

38 Blaeu, W. & J. Le Grand Atlas. La Geographie Blaviane. Amsterdam, J. Blaeu, 1663. Gr.-fol. Or.-Prgt. mit Vergoldung, etwas angestaubt und fleckig, Bezug an den Kanten tlw. beschädigt. - Erste französische Ausgabe. Koeman Bl. 58 (99). - Vol. IV: Belgique Royale, Belgique Confédérée. Mit 2 Kupfertit., 59 doppelblattgr. Kupf.-Karten u. 4 Kupf.-Karten im Text, sämtlich altkoloriert. Serientit., gest. Tit., 193 S.; gest. Tit., VII, 106 S., 1 Bl. Prgt. d. Zt. Schönes, frisches Altkolorit; einige Lagen leicht gebräunt. Dies gilt auch für die folgenden Bände. - 5 Karten mit Quetschfalte, 2 mit Bugeinriß, bei 1 bis ins Bild.	DM 28,000

39 - Vol. V. Angleterre. 1668. Mit Kupfertit., 57 doppel-blattgr. Kupf.-Karten, 1 ganzseit. Kupf.-Kte. u. 5 Textkupf., bis auf 2 Textkupf. altkoloriert, Serientit., gest. Tit., 4 Bil, 321 S., 1 Bl. Prgt. d. Zt. Mit (falschem) Serientitel zum 6. Band. 8 Karten mit Quetschfalte, 1 mit Randeinriß. 4 Karten am Schluß mit Wasserrand außerhalb des Bildes. Ca. erste 50 Textseiten am Rand u. tlw. auch im Text bekriztelt.	DM 17,000

40 - Vol. VI: Escosse (et) Yrlande. 1654 (1663). Mit Kupfertit., 54 doppelblattr. u. 1 blattgr. Kupf.-Ktn, sämtlich altkoloriert. Gest. Tit., 5 Bl., 181 S.; Drucktit. (zum Irlandeil), 58 S., 1 Bl. Prgt. d. Zt. Sechs Karten, darunter die blattgroße, beziehen sich auf Irland. Diese mit Wumspur im äußersten weißen Rand oben. 1 Karte mit Quetschfalte, 1 braunfleckig u. etwas angeschmutzt.	DM 5000

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54 – Dass. Mit 5 Faltkupf. (4 Karten u. Ansicht von Pernambuco) u. 174 halbsseit. Textkupf. 2 (st 3) Bil., 661 S. Ohne Einband. – Faltkupf. tlw. mit Unterlegungen, 1 mit kl. Fehlstelle. Frontispiz u. Drucktitel fehlen. (106).

DM 4000

55 – Bodenehr, G. Force d'Europe, oder die Merkwürdigst- und Fürnehmste Staette, Vestungen, Seehaefen etc. in Europa in 200 Grundrissen. Augsburg. G. Bodenehr d. Ä. (ca. 1720). Qu.-fol-oblong. Gest. Titel, Inhalt, Widmung u. 200 Kupferstiche, von G. Bodenehr d. Ä. Schlichter Hldrbd. (90).

DM 12.500

56 – Meisner, D. Thesauri philo-politico pars II. Politischen Schatzkastleins Ander Theil. O. O., E. Kieser, 1624 (1625). Qu.-8vo.-Mit gest. Tit. u. 48 (st. 52) Kupfertaf. Ohne Einband. (83). Schönes Teilkupf. des „Schatzkastleins“ in der ersten lat. Ausgabe mit sehr guten Abdrucken der Ansichten. Enth. 19 deutsche u. 29 ausländ. Ansichten, darunter Aachen, Basel, Bern, Breslau, Dortmund, Emden, Freiburg, Fulda, Konstanz, Landau, Lippstadt, München, Soest, Wiesbaden, Würzburg, Zürich. Leicht gebräunt u. tlw. etwas stockfl. Kupfertit. Ecke angesetzt.

DM 8500

57 – Blaeu, J. Theatrum Civitatum et Admirandorum Italiae. Bd. 1–2 (von 3). Amsterdam 1663. Gr.-fol. Mit 1 (statt 2) Front., 9 Textkupf. und 109 (statt 111) Kupfertafeln, davon 7 doppelblattgroß und 6 gefaltete. Or.-Prgt., etw. fleckig und läd. (100). Koeman Bl. 72 u. 73. – Erste Ausgabe dieses prächtigen Tafelwerks über den Kirchenstaat (Bd. 1) und die Stadt Rom (Bd. 2). Zu dieser Ausgabe erschien nur noch Bd. 3: Neapel & Sizilien. Unter den doppelblattr. Tafeln schöne Ansichten, meist aus der Vogelschau, von Ancona, Avignon, Bologna (2), 2 Taf. auch im Bild. Ca. 20 Taf. mit Bugeinriß u. Knitterfalten im Bug, je 1 beschd. bzw. unschön hinterlegt. Es fehlen Taf. 3 und S. 33/4 in Tl. 1. in Tl. 2 das Front u. Taf. 18, die auch bei Koeman fehlt.

DM 9500

58 – Stumpf, J. Gemeiner Loblicher Eydnosschaft Stetten, Landen und Völcckern Chroniwürdiger thaaben beschreibung. Zürich, Froschauer, 1586. Fol. Mit 5 doppelblattr. u. 8 blattr. Holzschn.-Karten sowie ca. 2500 Textholzschnitten. 30 nn. (Fol. 8 weiß), 731 (statt 732) num. Bil. Holzdeckelbd. d. Zt. bindgepr. Schweinsldr.-Bezug. Schließenreste, Ecken bestoßen. (19). BM. German Books 839; Longchamp 2819; Haller IV, 396. – Zweite Ausgabe der berühmtesten Schweizer Chronik des 16. Jhdts., von Stumpfs Sohn bis zum Jahr 1586 fortgeführt. Die 5 großen Karten stellen Europa, Schweiz, Deutschland und Frankreich dar, die 5. die zugewandten Orte. Die blattr. Karten zeigen die Schweizer Kantone. Die Textholzschn. zeigen Belagerungen, Ansichten, Schlachten u. a. Aus protestantischem Geist geschrieben, mit stark antihabsburgischer Tendenz. Interessant der Einband, der als Mittelplatte Karl den V. mit Wappen, Inschrift und Jahreszahl 1588 zeigt. – Fol 38 fehlt, Fol. 187 mit Ausschnitt (Papstin Johanna!), beide Bil. in Fotokopie beiliegend. Sonst sehr schönes, nur schwach gebräuntes u. dekorativ geb. Expl.

DM 8600

59 – Bertius, P. Commentariorum rerum Germanicarum libri IIL Amsterdam, Janssonius, 1614. Qu.-4to-oblong. Mit Wappenkupf., 6 kleinen u. 20 blattr. Kupf.-Ktn. sowie 101 ganzseit. gest. Städteansichten. Gest. Tit., 4 Bil., 732 S., 1 Bl. Prgt. d. Zt., fleckig. (76). Prachtvolles Kupferstichwerk, das Ansichten fast aller großen deutschen Städte enthält: Aachen, Bonn, Bremen, Dortmund, Danzig, Frankfurt/M., Hamburg, Königsberg, Lübeck, München, Münster, Osnabrück, Passau, Regensburg, ferner Basel, Bern, Breslau, Kopenhagen, Riga u. v. a. – Breitrandiges Exemplar, die Ansichten in guten Abdrucken. Titelbl. mit alten Besitzvermerken, Erste ca. 10 Bil. im Außensteg Tintenfleck. Einige Tafeln etwas fleckig. Emmerich größerer, blasser Tintenfleck; Lübeck stärker braunfleckig; Mainz kl. Echeinriß geklebt.

DM 22.000

60 – Gottfried, J.L. Inventarium Sveciae. Das ist: Beschreibung des Kgr. Schweden und ... alle Expeditionen, so Kgl. Majestat (Gustav Adolf) erlangt. Frankfurt, Hofmann für Hulsius. 1632. Fol. Mit 6 gest. Porträts, 9 doppelblattr. Kupfertaf. u. 88 Textkupf. mit Ansichten. Front., 3 Bil., 426 (st. 430) S., 13 Bil., 45 S., 1 Bl. Prgt. d. Zt. (7). Seiten, Die Tafeln mit Ansichten von Augsburg, Frankfurt/M. Magdeburg. Rom u. Straßburg, ferner 3 Schlachtpläne. Die hübschen Textkupf. (ca. 7; 13 cm, tlw. doppelt verwendet) mit Ansichten von Bad Kreuznach, Bamberg (2), Breslau, Danzig (3), Dortmund, Frankfurt/M., Freiburg, Friedberg, Hanau, Heidelberg, Kempten, Köln (2), Königsberg, Königstein, Lübeck (3), Mainz, München, Neuß, Regensburg (2), Riga (2), Schleswig, Trier, Worms, Würzburg. – Sehr schönes, frisches Expl. Ein. Porträt wie immer mit Kartusche. S. 115–118 fehlen.

DM 9000

61 – Merian, (Zeiller, M). Topographia Palatinus Rheni et vicinarum regionum. Das ist, Beschreibung und eigentliche Abbildung der vornemsten Stätte & Plätz der Untern Pfaltz am Rhein. Samt einer Zugabe. 2 Tle. in 1 Bd. Frankfurt, Merian, 1645. Fol. Mit gest. Tit., Titelvign., 3 doppelblattr. Kupferktn. u. 99 Kupferstichansichten auf 61 (35 doppelblattr. od. gefalt.) Tafeln. 106 S. inkl. gest. Tit., 1 w. Bl.; 33 S., 4 Bil. Ldr. d. Zt. mit Rvg., berieben u. Vorderdeckel locker. (3). Schuchhard 32 B. – Zweite Ausgabe, Der 1654 erschienene „Anhang“ ist in den Text eingearbeitet, die Ausgabe selbst lt. Schuchhard nicht vor 1660 gedruckt. – Sauberes u. verhältnismäßig breitrandiges Exemplar. Alle Kupfer in klaren, guten Abdrucken. Sie sind im weißen Oberand von alter Hand mit Buchstabeninsignaturen bezeichnet. Ohne das Bl. Kupferverzeichniss am Schlus.

DM 20.000

62 – Weltkarte und die vier Erdteils. – 5 Bil. altkolor. Kupferstichkarten von A. Ortelius, um 1590. Mit ausgem. Kartuschen und figürlichem Schmuck. Qu.-fol. – Einige kl. Bughinterlegungen u. Quetschfalten, Europa mit hinterlegtem Einriß. Asienkte. kl. Schabstelle. (15).

DM 8500

63 – 5 Bil. altkol. Kupferstichkarten von W. Blaeu. Die Weltkarte umgeben von 4 Bildleisten: Sternbilder, Jahreszeiten, Elemente, sieben Weltwunder. Die Erdteilkarten mit je 3 Bildleisten: oben Stadtansichten, seitlich je 3 Trachtendarstellungen. Qu.-fol. (3). Seltene, prächtige Kartenfolge in kräftigem, frischem Altcolorit. Bug tlw. leicht knittrig bzw. kl. Einriß restauriert.

DM 13.000

64 – Luxemburg. Herzogtum. Kupf.-Kte. von G. de Jode, vor 1578. Mit Kart u. großem Wappen, 37,2:45,5 cm. – Van der Vekene 1.01. Die älteste Luxemburg-Kte. in einem prächtigen Exemplar. (3).

DM 7000

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65 – BLAEU (JOHANNES) DIXIEME VOLUME DE LA GEOGRAPHIE BLAUIANE, CONTENANT LE XVII LIVRE [ESPAGNE] DE L'EUROPE, ET L'AFRIQUE, 2 parts in 1 vol., titles with hand-coloured devices, divisional title to the first part within hand-coloured border, 34 hand-coloured double-page engraved maps with cartouches (21 of Spain, all but 6 in text, 12 of Africa, all in text), 7 hand-coloured double-page engraved plates of the Escorial, some browning, contemporary vellum boards, gilt, rubbed and soiled, short split in spine, etc., ties; sold as an atlas, not subject to return, large folio, Amsterdam, Chez Jean Blaeu, 1663.

£3200

66 – BLAEU (JOHANNES) PARTE DEL ATLAS MAYOR, O GEOGRAPHIA BLAUIANA, QUE CONTIENE LAS CARTAS Y DESCRIPCIONES DE LAS ESPAÑAS, title with hand-coloured vignette, divisiona' title within hand-coloured border, 21 hand-coloured double-page engraved maps with cartouches in text (of 22, lacking the map of Cadiz), hand-coloured in outline, 7 hand-coloured double-page engraved plates or illustrations in text of the Escorial, browned, some maps and plates torn, lacking one or two leaves of text, nineteenth-century vellum boards, rubbed and soiled; sold as an atlas, not subject to return, large folio. Amsterdam, Y la Oficina de Juan Blaeu, 1672.

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To Authors

The editor of 'The Map Collector' would be pleased to receive manuscripts and articles on cartographical subjects for consideration for publication. These must be original and not previously published.



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Competition Results

WE WERE QUITE overwhelmed by the large number of readers who entered the 'Which Map' competition in Issue no. 4. Overwhelmed not only by the numbers but by the varied nationalities of the entrants. Countries as far apart from each other as New Zealand, Finland, South Africa, United States of America, Denmark and Italy were represented.

Exactly half the submitted entries were correct so we asked Miss Betty Fathers, Map Curator of the Bodleian Library, Oxford, to draw the winners out of a hat so that every correct entry had an equal chance.

First prize of £50 goes to Leonard A. Magazine, 201 Pershing Drive, Oakland, California, USA; Second prize of £25 to drs. D. de Vries, Wikkestraat 33, 2403 EP Alphen a/de Rijn, Netherlands; Third prize to Aarno Piltz, Koroistentie 6F16, SF-00280 Helsinki 28, Finland.

The correct answers to the competition were: A-12, B-7, C-3, D-6, E-2, F-11.

We designed the competition so that it was suitable for experts and non-experts. All the answers could be found in standard reference books like R.V. Tooley's *Maps and Mapmakers*; R.A. Skelton's *Decorative Printed Maps*, and Baynton-Williams *Investing in Antique Maps*.

A is a section from the Ortelius World map, the 1587-1612 version with its revised South American coastline.

B is the title cartouche from Robert Dudley's chart of the northern Indian ocean.

C is part of South America from Sebastian Münster's map of the New World.

D shows part of John Speed's map of Sussex.

E is the central portion of the illustrated title page of Ogilby's *Brittania*.

F shows southwestern Iceland from the Ortelius map issued from 1590-1612, based ultimately on the Olaus Magnus 1539 map, which, incidentally, is illustrated fully in *Maps and Mapmakers* indicating the date and distinguishing it from the other Ortelius in item A.

CHARLES WOOD



RARE ANTIQUE ATLASES AND MAPS

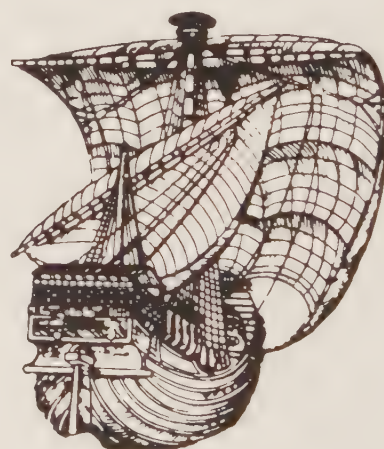
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Collations compiled by R.V. Tooley

Collations, namely the listing of atlas contents map by map, are the basic tools of the map collector and the student of historical cartography. They assist in the identification of particular editions, in the dating of loose maps which have become detached from atlases and they help to confirm or otherwise the completeness of a particular work. It is only by studying atlas contents that collectors and scholars can determine which maps, covering particular areas of interest, have been published in atlas form.

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 ANGLOIS by PHILIP LEA [c1693]

Philip Lea flourished 1666-1700 as a cartographer, globe and instrument maker and map seller. He amassed a large collection of map plates. His publications were not uniform but made up. The following collation therefore differs from Skelton, no. 113, who knew of no other copy.

The copy described here, which is in the hands of a private collector, does not contain 'A Mapp Containing the Townes, Villages ... for 20 miles Round London', but does, however, include the separate Seller map of Buckinghamshire, 'Buckinjamiae Comitatus' (illustrated). As in Skelton 113, Essex is represented by the Ogilby and Morgan with Lea's imprint; Hertfordshire by that of Seller [Hodson 16 (ii)], and Middlesex by Seller's map, also with Lea's imprint.

The full title of this work is:

ATLAS/ANGLOIS/CONTENANT/ Les Cartes Nouvelles & tres exactes/ Des provinces, duchés, Comtes, & Baronies/du Royaume/D'ANGLETERRE./ le tout Enrichi des Plans de Villes & des Armes./ de la Noblesse./ [device]/ LONDON./[rule]/Par P. LEA.

Typographic title page, 42 double page engraved maps. Collation differs from that

given in R A Skelton, *County Atlases*, 113.

[1] ANGLIAE/REGNUM/TAM IN SEPTEM ANTIQUA/ANGLO-SAXONUM/REGNA/quam in omnes Hodiernas Regiones/accuratissime distinctum/per NICOL^M VISSCHER Amst: Bat:/cum: Priv: Ord: Gen: Belgii Foed: 551 x 484mm

[2] CAMBRIDGE = SHIRE/and/THE GREAT LEVELL OF ^YFENS,/extending into the Adjacent Shires,/according to Surveys as it is now drained,/at ^YCharges of ^YR^t Ho^{ble} W. Earl of Bedford./ and ^Y other Proprietors by S^r Jonas Moore, &c. /[/rule] /Made and Sold by P: Lea, at ^Y Atlas and /Hercules in Cheap-side. London. [Insets]: (1) CAMBRIDGE (2) ELY The scale of Miles 7 [= 72mm] 400 x 480mm

[3] THE/ COUNTY PALATINE/ of CHESTER by C.S. /Corrected and Amended/ with many Additions/ by P. Lea. ----- Christophorus. Saxton, descriptit. [Inset:] CHESTER. A scale of miles 8 [= 92mm] 390 x 510mm

[4] OXFORD/BUCKINGHAM/ & /BARK-SHIRE./ By C: S: Corrected and /Amended with many/ Additions by P: Lea. ----- Christophorus Saxton descriptit. [Inset:] [Oxford] A scale of miles 10 [= 80mm]

396 x 438mm

[5] CORNWALL/ Described by C: Saxton/ Corrected & many Additions as/ the Roads &c. by P: Lea. ----- LEN/AERT TER/WOORT/ ANTVERP/PIANVS/SCVLP/SIT ----- Christophorus Saxton. descriptit. [Inset:] LAVNCESTON OR ANCIENT DVNHEVET A scale of miles 12 [= 83mm] 366 x 478mm

[6] COMBERLAND/and/ WESTMORLAND /Exactly described/By C.S. Corrected & Amended/ with many Additions by P: Lea. [Inset:] CARLILE A scale of Miles 10 [= 79mm] 387 x 485mm

[7] DERBY SHIRE/ Described by C: Saxton Corrected &/Amended with many Additions as /Roads &c. by P: Lea. [Insets:] (1) DARBIE (2) ye Deuills arse in ye Peake (3) BVXTON (4) The Tiding Well. A Scale of Miles 10 [= 102mm] 395 x 480mm

[8] DEVON = SHIRE/ Described by C: Saxton/Corrected, Amended, and/ many Additions by P: Lea. Francis Lamb Sculp [Inset:] EXCESTER. A Scale of Miles 10 [= 68mm] 390 x 455mm

John Seller's map of Buckinghamshire, not present in the copy of the *Atlas Anglois* described by Skelton.



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du Royaume

D'ANGLETERRE.

*le tout Enrichi des Plans des Villes & des Armes
de la Noblesse.*



L O N D O N.

Par P. L E A.

Typographic title page of the *Atlas Anglois*.

[9] DORSETSHIRE/ Described by C: Saxton/Corrected and Amended/ with many Additions/as Roads &c. by P: Lea. Christophorus Saxton descripsit. [Inset:] DORCHESTER. A scale of Miles 10 [= 114mm]

371 x 535mm
[10] The County Palatine And Bishoprick of/ DURHAM/ Described by C: Saxton Corrected and /Amended with Additions by P: Lea. Christophorus Saxton descripsit. AVGVSTINVS. RYTH. SCVLPSIT. AN^o Dⁿⁱ. 1576. [Inset:] [Durham] A Scale of Miles 8 [= 95mm]

376 x 475mm
[11] ESSEX/ Actually Surveyed/ with the several Roads/ from LONDON &c. /Exactly measured at three/mile in an Inch/ [rule]/ Sold by Phil: Lea at y Atlas/ and Hercules in Cheapside/LONDON. [dedication:] --- ARTHUR EARL OF ESSEX ---/This Map actually Survey'd is Humbly presented and Dedicated/by y^o Hono.^{rs} most obedient Serv./ William Morgan/--- F. Lamb sculp. A Scale of Miles 10 [= 85mm]

421 x 550mm
[12] GLOCESTER-SHIRE/ Described by C: S./Corrected and Amended/ with many Additions by P: Lea. [Insets:] (1) BRESTOLL (2) GLOCESTER A Scale of Miles 12 [= 102mm]

381 x 492mm
[13] HAMPSHIRE/ by/ C: Saxton Corrected & many /Additions by P: Lea. Christophorus Saxton descripsit. LEONARDVS: TERWOORT ANTVERPIANVS. SCVLPSIT [Inset:] Winchester. A Scale of Miles 10 [= 83mm]

395 x 435mm
[14] HERTFORD/ SHIRE/ Actually Survey'd and/ DELINEATED/ By John Seller/ Hydrographer to the King/Cum Privilegio Regis. Dedication dated 1676. [no scale 3mi = 37mm] [Hodson 16 (ii)]

415 x 515mm
[15] The County of /HEREFORD./ re-surveyed/&/enlarged/An^o 1665. Christophorus: Saxton descripsit. Remigius hogenbergius. [Inset:] The Scotch Army laying seige to this City of HEREFORD/ in the year 1644, occasioned y^e demolishing of y^e suburbs thereof. A Scale of Miles 6 [= 73mm]

373 x 505mm
[16] To his Grace/the most Reverend Father in God/IOHN TILLOTSON by divine Providence/Lord Archbishop of/ CANTERBURY/ Primate of all England and/ Metrapolitan, &/one of his Majesties most honorable/Privy Council, &c/ This new map of/ KENT/ is most humbly Presented and

Dedicated, by/P. Lea. [Inset:] CANTERBURY. A scale of Miles 10 [= 85mm]

412 x 513mm
[17] The County Palatine of/ LANCASTER/ Described by C: Saxton Corrected and/ Amended with Many Additions of/ Roads &c. by P: Lea. Christophorus Saxton descripsit. Remigius hogenbergius sculpisit [Inset:] LANCASTER/towne & castle. A scale of Miles 10 [= 67mm]

396 x 480mm
[18] LINCOLNE SHIRE/ AND/ NOTTINGHAME SHIRE/ By C SAXTON Christophorus Saxton descripsit. Remigius hogenbergius sculpisit. [Inset:] LINCOLNE. A Scale of Miles, 10 [= 67mm]

416 x 543mm
[19] WARWICK/ AND/ LEICESTER/ SHIRES/ Described by C.S./ corrected & amended wth/ many additions by P. Lea. [Insets:] (1) WARWICKE (2) COVENTRY (3) LECESTER. Scale Milia/rium 12 [= 96mm]

391 x 515mm
[20] a: A map of the/ ISLE OF WIGHT/ PORTSEA HALINGE, also/The islands of IARSEY & GARNSEY/ which are a Part of Hampshire/made & sold by Philip Lea.

[Inset:] NEWPORT A Scale of Miles 5 [= 61mm]

245 x 340mm
b: IARSEY [Inset:] ALDERNEA. A Scale of Miles 3 [= 38mm]

110 x 164mm
c: GARNSEY. A Scale of Miles 3 [= 38mm]

110 x 175mm
d: The Islands/of SCILLY/ Surveyed by Cap./Collins. A Scale of Miles 3 [= 38mm]

110 x 129mm
e: The isle of /MAN. A Scale of Miles 6 [= 50mm]



Cornwall, the Philip Lea issue of Saxton's map.



- 197 x 129mm
f: HOLY ISLAND. A Scale of Miles
4 [= 15mm]
48 x 64mm
g: FARNE ISLAND. A Scale of Miles
4 [= 15mm]
48 x 64mm

Total dimensions 368 x 483mm.

[21] MIDDLESEX/ ACTUALLY SURVEYD
and/ DELINIATED /By John Seller Hydro-
grapher to $\frac{1}{2}$ King/cum Privilegio Regis./ Sold
by Phil: Lea at $\frac{1}{2}$ Atlas & Hercules/ in
Cheapside. John Oliver & Richard Palmer
sculp. [Scale = 2mi = 37mm]

422 x 517mm

[22] MONMOVTHshire/ heretofore part/of
Wales./ But now added/ to other English/
Shires in $\frac{1}{2}$ Con:/ stant Circuite/ of the Iudges
by C S/ Corrected & Amended/By P. Lea.
Christophorus Saxton descripsit. [Inset:]
MONMOVTH. A Scale of Miles 8 [= 114mm]

391 x 489mm

[23] BUCKINGHAMIAE/ COMITATVS/
vulgo/ BUCKINGHAM/ SHIRE/ By John
Seller. Corrected & many Additions By P. Lea:
Sold by Philip Lea at the Atlas & Hercules in
Cheapside LONDON. [Scale 4mi = 36mm]

370 x 490mm

[24] NORFOLK/ Described by C: Saxton/
corrected and Amended with/ many Additions
of Roads &c. /by P: Lea. CHRISTOPHORUS
SAXTON DESCRIPSIT [Inset:] NORWICH
A Scale of Miles 10 [= 89mm]

350 x 495mm

[25] The County of/ NORTHAMPTON/
together $\frac{1}{2}$ $\frac{1}{2}$ three small/ Counties of/
BEDFORD HVNTINGTON/& RVTLAND/
exactly drawn by one scale/by C.S. Corrected
& Amended with many Additions by P Lea.
CHRISTOPHORVS SAXTON DESCRIPSIT
[Insets:] (1) NORTHAMPTON (2) OUKHAM
(3) HVNTINDON (4) Bedforde (5) Peterburgh
A Scale of Miles 10 [= 83mm]

395 x 518mm

[26] NORTHUMBERLAND/ Described by C:
SAXTON/ Corrected and Amended/ By Phil:
Lea. [Insets:] (1) NEWE-CASTLE (2)
BARWICK (3) [Antiquities] A Scale of Miles
10 [= 67mm]

373 x 495mm

[27] A/Map of /OXFORD /SHIRE/ with the
Roads Sold by Philip Lea at the Atlas &
Hercules in Cheapside/LONDON [Imprint of
John Seller: Sold by John Seller at the West
Side of the/Royall Exchange, erased but
visible] Scale 4m [= 40mm]

369 x 490mm

[28] SHROPSHIRE./ accuratly drawn/ and
Sett forth/ by CS Corrected, with some
Additions by P Lea. Christophorus Saxton
Descripsit. Remigius hogenbergius Sculpfit.
[Inset:] [Shrewsbury]. A Scale of Miles 8
[= 83mm]

400 x 518mm

[29] SOMMERSETSHIRE/ Described by C:
Saxton/ Corrected and Amended with/ many
Additions as Roads &c./ by P. Lea. Christo-
phorus Saxton descripsit. Christofo Saxtono/
autore LEONARDVS TERWOORT ANTVER-
PIANVS SCVLPSIT [Inset:] BATHE. A Scale
of Miles 10 [= 95mm]

394 x 509mm

[30] STAFFORD:/ Discribed by C.S./
Corrected and Amended/ with many Additions/
By P. Lea. Fraciscus Scatterus' Sculpfit.
Christophorus Saxton descripsit. [Insets:] (1)
STAFFORD (2) LICHFIELD. A Scale of Miles
10 [= 83mm]

388 x 490mm

[31] SUFFOLK/ Described by C: Saxton/
Corrected & Amended with/ many Additions
as Roads &c./ by P. Lea. Christophorus Saxton
descripsit. [Inset:] IPSWICH Scale Miliarium

English Myles 10 [= 87mm]

346 x 495mm

[32] SURREY/ Actually Surveyd and/
DELINEATED/ By John Seller/ Hydrographer
to the King/ many Additions by P. Lea/Cum
Privilegio Regnis. John Oliver & Richard Palmer
Sculpfit. Sold by Philip Lea at $\frac{1}{2}$ Atlas/ and
Hercules in Cheap Side. [Scale = 2mi = 35mm]
312 x 510mm

[33] SUSSEX, SURRY,/ and KENT, by C.S:
/corrected & Amended with/ many Additions
/by Phil: Lea. Sold by P: Lea/at the Atlas and/
Hercules in Cheap/Side London. Remigius
Hogenbergius sculpfit. Christophorus Saxton
descripsit. A Scale of Miles 10 [= 67mm]

408 x 515mm

[34] WILTSHIRE, $\frac{1}{2}$ SALISBURY City/&
Stone heng described An: 1689 Christophorus
Saxton descripsit. Remigius Hogenbergius
sculpfit. [Insets:] (a) SALISBURY (b) Stone/
heng. A Scale of Miles 10 [= 121mm]

417 x 470mm

[35] WORCESTERSHIRE/ Described by C:
Saxton Corrected/ and Amended with many
Additions/ as Roads &c. by P: Lea.
Christophorus Saxton Descripsit. [Inset:]
WORCESTER/CITTY. A Scale of Miles
10 [= 108mm]

371 x 490mm

[36] RADNOR, BREKNOKE/CARDIGAN
AND/ CARMARTHEN,/ SHIRES Discribed/
By C.S. Corrected/ and Amended with/ many
Additions/ by P. Lea. Christoferus Saxton
descripsit.

[Insets:] (a) CAERMARDEN (b) BREKNOKE
(c) CARDIGAN (d) RADNOR. A Scale of
Miles 10 [= 76mm]

366 x 471mm

[37] DENBIGH/ AND/ FLINT, SH=/
Discribed by C.S./ Corrected & Amended/ with
many Additions/ By P. Lea. Christoferus
Saxton/descripsit. Remigius hogenbergius
sculpfit.

[Insets:] (a) DENBIGH (b) FLINT (c) SAINT
ASAPH. A Scale of Miles 10 [= 117mm]

345 x 490mm

[38] PEMBROCK/ SHIRE/ Discribed by C.S.
/corrected and Amended/ with many Additions
by P. Lea. Christoferus Saxton descripsit.

[Insets:] (a) PEMBROKE (b) HAVERFORD-
WEST. A Scale of Miles 10 [= 108mm]

356 x 479mm

[39] MERIONETH/ AND/ MONTGOMERY/
Discribed by C.S./ Corrected and Amended/ By
P. Lea. Cristoferus Saxton descripsit. Remigius
hogenbergius Sculpfit. [Insets:] (a) MONT-
GOMERY (b) HARLECH. A Scale of Miles
10 [= 83mm]

356 x 464mm

[40] GLAMORGĀ/ SHIRE Discribed by/ C.S.
Corrected and/ Amended by P. Lea. Christo-
phorus Saxton descripsit. [Insets:] (a)
LANDAFFE (b) CARDYFE. A Scale of Miles
10 [= 117mm]

330 x 480mm

[41] MONA INSULA alias ANGLESEY/ AND
CAERNARVAN SHIRE/ described by C S
Corrected and/Amended with many Additions/
By Phil: Lea. Christophorus Saxton descripsit.
[Inset:] (a) BEAUMARIS

(b) CAERNARVON

(c) BANGOR.

A Scale of Miles 10 [= 83mm]

354 x 482mm

[42] YORK — SHIRE/ Described by Ch:
Saxton/Many additions, and Corrections as $\frac{1}{2}$
Roads, Wapentakes &c. by P. Lea. Scala
Miliarium 10 [= 74mm]

527 x 722mm.



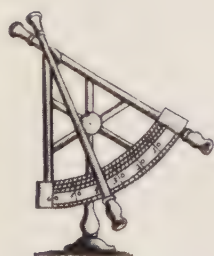
Pembrokeshire, from Lea's *Atlas Anglois*.



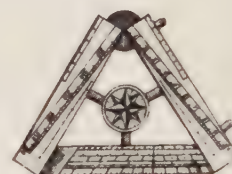
London Map-sellers 1660-1720

by Sarah Tyacke

Assistant Keeper, Map Library, The British Library.



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Charts

AUSTRALIA, BASS STRAIT, J. Lort Stokes, Hydrographic Office. 1844. Finely drawn and engraved chart by officers of the Beagle, many insets. Fine. 25" x 37". £170

BRITISH ISLES AND Western Europe. Trondheim to Gibraltar. [J.N. Bellin.] c.1760. General Chart oriented east. Outline colour. 24" x 34". £90

CAPE OF GOOD HOPE. Joseph Huddart, Laurie and Whittle. 1794. Good detail in Simonstown area. Uncoloured. 26" x 18". £110

CARLINGFORD CAPT. G. Collins. Issue of c.1760. Uncoloured. 17" x 12½". £60
DOVER STRAITS. [J.N. Bellin.] c.1770. First published in Jaillot's Neptune Francois, 1693, this edition appeared in Bellin's Neptune Francois. Oriented east. Contemporary outline colour. 24" x 32". £65

DUBLIN TO LONDONDERRY. [Mount and Page. c.1775.] Uncoloured as issued. 17" x 21". £65

DUDLEY, SIR ROBERT. S.E. Baltic. 1646 (1661). Fine. Second edition Dudley of eastern shore of Gulf of Riga and Kalingrad to Panrupe. Uncoloured as issued. 19" x 14½". £340

GIBRALTAR BAY. William Faden. 1783. Attractive plan to illustrate the events of September-October. 1782 during the siege.

Ships on the sea. Uncoloured. 20" x 28". £60

INDIAN OCEAN. Madagascar, Mozambique, Seychelles, Mauritius, J.N. Bellin, 1767, issue of c.1780. Uncoloured. 23½" x 34". £85

IRELAND AND THE Irish Sea. Mount and Page. c.1755. Uncoloured, slight off-setting, otherwise fine. 17½" x 21". £85
LISBON, J.N. BELLIN. 1756. Very attractive large scale chart of the Tagus with plan of the city and view. 18" x 25". £80

PLANS FROM J.N. Bellin's Petit Atlas Maritime. Attractive small plans, coloured and mounted: Alexandria £18; Paramaribo (Surinam) £11; Saïda £17; Sur £17; Cayenne £11; Great Yarmouth £17; Macao £20; Santiago Chile £15.

PLYMOUTH TO THE Lizard. Murdoch Mackenzie, junior. 1773, published by the Hydrographical Office 1809, issue of c.1850. Large scale inset of Fowey. Fine. 25" x 37½". £80

REUNION. J.N. BELLIN. 1763 Issue of c.1780. Chart with inland areas mapped. Uncoloured as issued. 22½" x 28½". £80

SOUTH AFRICA. Mount and Page. c.1750. Cape of Good Hope to Delagoa. Outline colour. 17½" x 22". £110

THAMES ESTUARY. J. van Keulen. 1704. Folkestone to Southwold and the river to London. Coloured. 19½" x 23". £300

WEST INDIES. Churruca and Fidalgo. Direction Hydrografica. 1802. Outline colour. 36" x 24". £70

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WEST INDIES. H. MOLL, 1703, by Seller/Price, 455 x 575mm. Chart shows part of Europe, Africa, S. America, N. America to Hudson Bay, Compass Rhumbs to atlantic, nicely coloured, one close margin. £70

WEST INDIES, TERRA FIRMA, H. Moll, 1735, 160 x 190mm, shows large Prime Lake, coloured. £26

WEST INDIES, CENTRAL America, Florida, by John Blair, Thos. Kitchin, 1790, 410 x 580mm. Fine, uncoloured. £30

WEST INDIES, 5 MAPS for Thompson 1814/5, 510 x 600mm. Outline colour, West Indies £23, Porto Rico, Virgins, St. Domingo £18, Jamaica £22, St. Christophers, Nevis, St. Lucia £20, St. Vincent, Barbadoes £24.

CUBA, HISPANIOLA, INSETS of Havana, Jamaica, Ioannis, Margareta by Hondius, 1622, gives English text describes plantations and sugar, map 145 x 185mm, page 280 x 190mm, small repair, uncoloured, otherwise good. £30
SOUTH AMERICA, (TIERRA Nova), Roscelli/Valgrici, 1562, small part of Africa, West Indies to Magallanes strecho, Amazon shown from below R. Plata to below equator, excellent condition. £65
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CHESHIRE: J. BLAEU, 1645. The issue of c.1648. Cestria Comitatus Palatinus A magnificent map embellished with two cartouches, one bearing the scale; the other the title, surmounted by four elegant male figures in costume of the period. At the top of the map are seven shields bearing the arms of the nobility, with the arms of England in the centre. Four further shields out in the upper left corner. Fine state with wide margins. Original colour. 19½" x 15ins. £205

CORNWALL: T. KITCHIN, c.1785. A New Improved Map of Cornwall from the Best Surveys ... A very fine map of the county showing considerable detail, including the roads. Title upon a large architectural feature, with landscape background. Inset map of the Isles of

Scilly. Surrounding the map area are notes on points of interest in the county. Original outline colour. Fine. 27 x 20½ins. £190

SUSSEX, SURREY AND Kent. C. Saxton, 1575. The G. Willdey issue of c.1717. This scarce issue was previously published in 1693 by P. Lea, who added a second title and also the roads. Willdey later obtained the plate, left Lea's imprint in the cartouche at upper right and added his own in three lines above the lower border. Original outline colour. Side margins trimmed to engraved surface. 21½ x 16ins. £650

ENGLAND AND WALES (South). N. Bellin, 1757. The issue of c.1790. Carte Reduite des Isles Britanniques en Cinq Feuilles... Premiere Feuille. An extremely fine map showing the southern part of England and the coasts of Normandy and Flanders, including Ostend and the Channel Islands. Much inland detail is given for England and Wales and the English Channel contains sandbanks, shoals, soundings and tidal flow arrows.

34½ x 22ins. £115

ENGLISH CHANNEL. R. DUDLEY, 1647. Carte particuliere dello stretto di Inghilterra tra Douer e Cales con la costa intorno. A finely engraved map of the Straights of Dover from Dudley's Arcano del Mare. The whole of the Kent coast and the Sussex coast as far as Brighton is shown and the French coast includes Fecamp to Dunkirk. Sandbanks, soundings and anchorages are given and there is a fine ship and compass rose. Fine. 14 x 18ins. £195

IRELAND. N. VISSCHER, c.1680. Hiberniae Regnum. A very fine and detailed map embellished with two very decorative cartouches. The title is shown surrounded by a wealth of symbolic figures and surmounted by the arms of Ireland. The scale at the base has the arms of William III, and also many symbolic figures. Original colour on the map area. Fine. 18½ x 22½ins. £125

SOUTH EAST ASIA. J.B. Nolin, 1687. Royaume de Siam, avec les Royaumes ...

de Sumatra, Andemaon, etc. a finely-engraved map showing the Malay Peninsula, with Cochin China, Sumatra and parts of the islands of Borneo and Java. Large title-piece incorporating an Elephant, two male figures, one holding a banner. An early detailed map of the area. Fine. Rare. 450 x 610mm. £135

CHINA, HOMANN HEIRS, c.1740 Regni Sinae vel Sinae propriae. A finely-engraved and detailed map with a large title-piece incorporating dragons and two male figures. Boundaries of the various provinces are shown. Decorative panel containing the symbols used. Fine. 520 x 585mm. £72

TASMANIA. W. & A.K. JOHNSTON, c.1844. First Issue. Van Diemen's Land or Tasmania. A detailed map showing the boundaries of the divisions in the northern and eastern part of the island. Numerous place-names are given and many physical features are shown in the interior. Original outline colour. Fine. 500 x 600mm. £48

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DENMARK. A MAP of the Kingdom of Denmark with the Duchy of Holstein. By W. Faden. 1790. 27½" x 20½". Original bold wash colour. £58

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MENSIS** vulgo Bishoprike of Durham. W & J Blaeu. 1662. 15" x 19½". Fine original colour and condition. £105

NORTH AMERICA. UNITED States of America exhibiting the Stat of War on the Canadian Frontier from 1812 to 1815. Published by E. Baines, Leed, 1816. 9½" x 12½". Uncoloured. Fine condition. £30

PERSIA. PERSICUM REGNUM. P. Bertius. 1618. 3¼" x 5¼". Outline colour. Fine condition. £28

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PACIFIC. CARTA DE la N11. Zelande visitée en 1769 et 1770 par le Lieutenant J. Cook Commandant de L'Endeavour Vaisseau de sa Majeste. 19" x 15", fully colored. 1774. Excellent condition. \$215

HOLY LAND. DE WIT, Terra Sancta sive Promissionis olim Palestina. 21¼" x 18", 1680. Excellent condition. \$425

HOLY LAND. SANSON. Terra Sancta sive Promissionis olim Palestina. 21½" x 16½", outline colored. 1679. Excellent condition. \$250

EUROPE. MUNSTER, MODERNA Dis-
crizzone dell Europa. 13½" x 11", black and white. Ca.1560. Some damage at fold, but excellently repaired. \$250

GERMANY. DELAROCLETTE, MAP of the Empire of Germany including all the States comprehended under that name with the Kingdom of Prussia. Two-sheet map, each sheet measuring 39½" x 23½", outline colour. 1778. \$145

AFRICA. H. SEILE, AFRICAE Descriptio Nova Impensis. 13½" x 16½", black and white. 1652. Excellent condition. \$245

AFRICA. SAYER, AFRICA According to Mr D'Anville with Several Additions & Improvements with a Particular Chart of the Gold Coast. Two sheets, each measuring 20½" x 47½", outline colour. 1772. \$225

WORLD. MÜNSTER, FIGURA Del Mondo Universale. 13½" x 10", black and white. Ca.1560. Excellent condition. \$500

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AMERICA, JOHN MITCHELL, 1755. "A Map of the British and French Dominions in North America with the Roads, Distances, Limits and Extent of the Settlements... 76¼" x 53", 8 sections, mounted on linen, full original, colour. First edition, third issue. Very good condition, some damage at folds. Often called the single most important map in the history of American cartography. Price and further details on request. \$295

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British Isles

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DRAYTON, M: CHESHIRE. London 1611. 250 x 330mm. Fine condition. Uncoloured. £88

BLAEU, J. COMITATUS Dorcestria, Sive Dorsetia; Vulgo Anglice Dorset Shire. 1645-62. Latin text. 380 x 500mm. Outline colour. £110

BOWEN, E: MIDDLESEX Divided into Hundreds &c. [1767-70]. Detailed map with informative notes. 230 x 330mm. Good condition, original outline colour. £42

Europe

GOOS, P: PASCAART VAN Europa, Als mede een gedeelt Vande cust van Africa. Amsterdam, 1666-83; Fine, early sea-chart, after Hendrik Doncker (1665), of the coasts of Western Europe, including Greenland and Iceland. £225

SPEED, J: THE KINGDOME of Denmark. London, T. Bassett and R. Chiswell, 1627-76. Engraved by Evert Sijmonssohn Hamersveldt at Amsterdam. Published in the last edition of the Prospect, an extremely decorative map of Denmark including also Halland, Skåne and Blekinge in southern Sweden. The side borders include inset vignettes of costumed figures, the top frieze incorporates views of København, Helsingør, Landskrona, Ribe, Schleswig and Hamburg. A most impressive map. English text verso. (29 ninety). 393 x 510mm. Fine condition, coloured. £200

ORTELIUS, A: INSULARUM aliquot Maris Mediterranii Descriptio. Antwerpen 1570-1608. [12]. This splendid engraving, sectioned into individual maps of

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VISSCHER, N: TERRA SANCTA. 1659. Good Condition, original wash colour. 460 x 565mm. £260

Americas

DE L'ISLE, G: L'AMERIQUE Septentrionale ... Amsterdam, P. Schenck (1708-57). A late version of this map showing a fine outline of the Great Lakes region and California indicated as neither peninsular nor island. The body colouring emphasises the extensive French claims in North America; the English settlements being confined to the area east of the Alleghenys Original colouring. £200

BELLIN, J-N: PARTIE Orientale du la Nouvelle France ou du Canada Par M^r. Bellin Ingenieur du Roy et de la marine Nurnberg, Homann's Heirs (1745)-55. Covers the area of the Maritime Provinces of Canada and the northeastern part of New England. Prominent is the course of

the St Lawrence and a large network of lakes and rivers in western part of Labrador. 429 x 576mm. Good condition and impression despite slight overall browning. Original outline colour. £145

DE LETH, H: LE NOUVEAU Continent ou l'Amerique ... Amsterdam, (1740-57). Fine map of North and South America based, as were many of the maps by de Leth, on earlier French maps. Note that part of the west coast of the Hudson Bay is left indistinct as if opening to the west; also note that California is shown as a rather broad peninsula. £210

SEUTTER, M: PENNSYLVANIA Nova Jersey et Nova York ... Augsburg, [1750]. Rare item seen in only a few of Seutter's atlases. 570 x 490mm. Very fine impression and condition. Orig. body colour. Ref: Billington, 'Westward Expansion' 4th Ed. pp 98-100. £400

West Indies

SPEED, J: JAMAICA/BARBADOS. London 1676. Very fine condition and impression. Uncoloured. £250

OTTENS, R&J: INSULAE Americanae ... Attractive map of West Indies also showing Florida and Central Americas. [1737-50]. Fine condition, original colour. 448 x 580mm. £240

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of the main industrial activities. Brief notes on reverse on the region and population. 25 cards. 64 x 32mm. Good condition, mounted on board. Coloured litho print. £30 per set

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ORTELIUS, A: TURCICI IMPERII Descriptio. Antwerpen, Chr. Plantijn, 1570-(79). Fine and extremely decorative map showing the extent of the Turkish Empire almost to the Gate of Vienna and includes the whole of Arabia and part of North Africa littoral. Large and ornate title cartouche bottom left. 380 x 500mm. Fine condition, despite tiny split at centre fold. Contemporary colour. Ref: Koeman III, Ort 15A. Map 86. £200

SEUTTER, M: MAGNI TURCARUM Dominatoris Imperium Per Europam Asiam, et Africam, extendens Regiones tam Proprias, quam Tributarias et Clientelares ut et omnes Beglerbegletus sive Praefecturae Generales oculis sistens accuratissima cura delineatum per Matthaeum Seutter S.C. Maj. Geogr. Aug. Augsburg, (c1725-c60). Engraved by Abraham Drentwet who is known to have engraved several maps for the firm of Seutter between 1725 and the early 1740s. Coverage of the Empire and its client states extends from the Crimea regions to Arabia and from North Africa to Eastern Arabia. Large pictorial title cartouche occupies bottom left. 500 x 580mm. Very fine condition, strong impression. Contemporary body colour, the cartouche uncoloured as issued. £115

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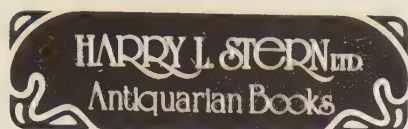
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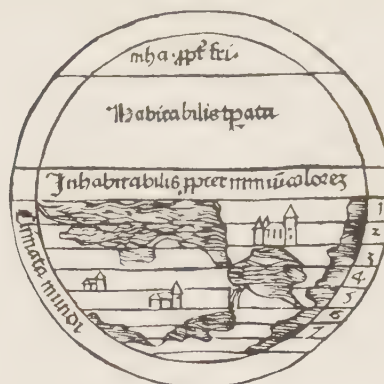


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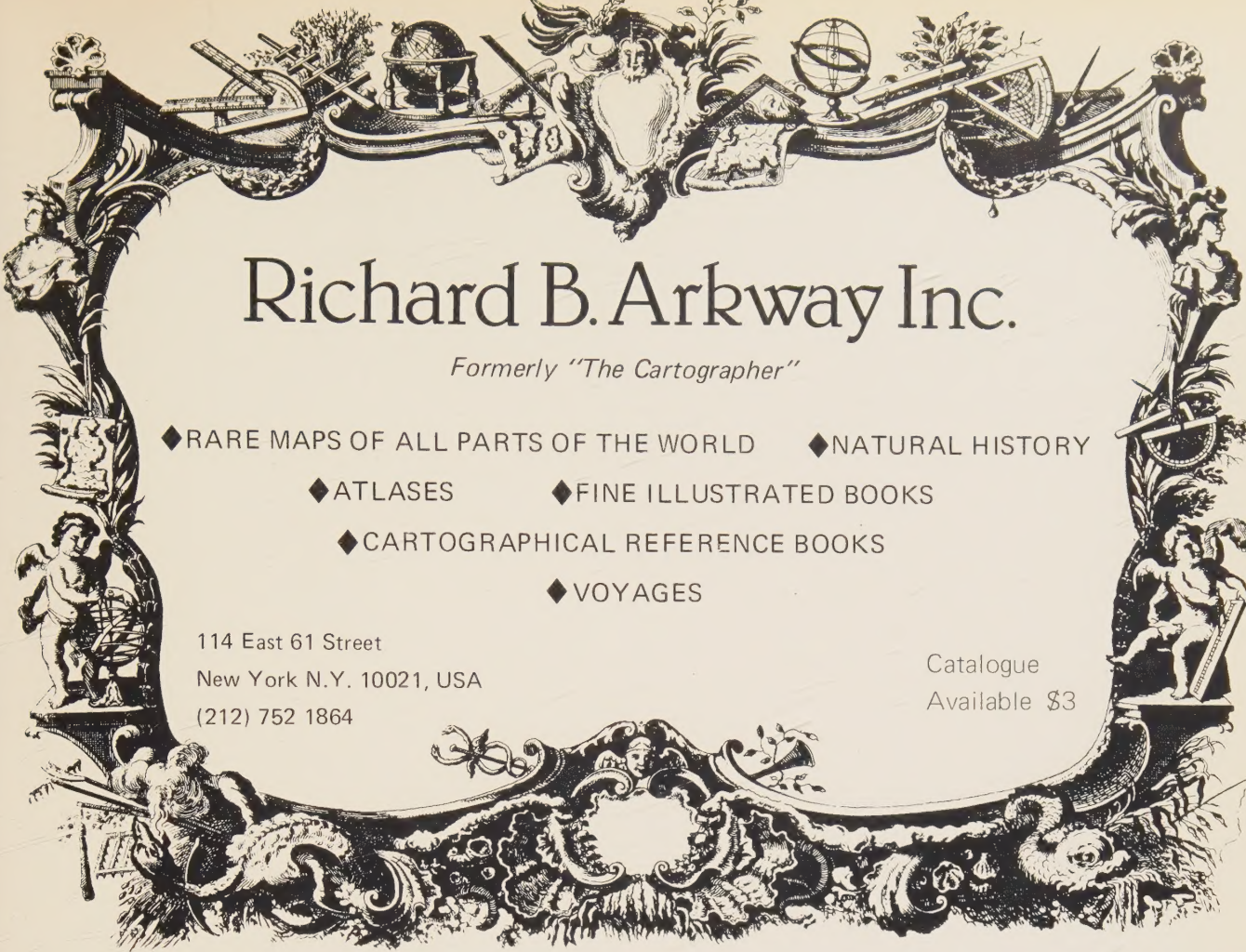
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