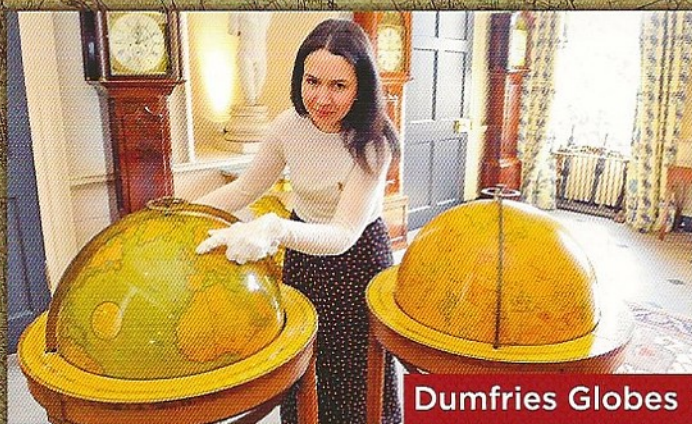


WINTER 2019

Maplines

THE MAGAZINE OF THE BRITISH CARTOGRAPHIC SOCIETY

BCS-SOC
Conference
Report
& Awards



Dumfries Globes



BCS Award Winner

www.cartography.org.uk

UK £3.00

From the Editor ...

Welcome to the latest edition of *Maplines*! You may have noticed some changes to the magazine. We have been working furiously in the background to make it easier to create your favourite magazine all about maps and this magazine is the fruit of our labours over the last year.

You will notice that we have contributors from all around the UK and Overseas, and we encourage you to get involved too. We are looking for new Authors and Editors to contribute their ideas as it is important that we make maps and cartography as relevant today as it has always been. You will also notice that we have freshened-up the layout of the magazine: made the pictures bigger (more maps), more succinct text (easier to read) and more variety in the types of contributions. If you have any feedback, then do contact me and let me know what you think of the Winter Edition. Meanwhile, well done to all of those who entered the BCS / SoC Awards this year and congratulations to the winners. Enjoy all the holiday season and look forward to hearing from you in the New Year!

Caroline Robinson
Senior Editor

How to get involved:

We are looking for volunteer **Editors** to get involved with creating the *Maplines* Magazine that reflects the British Cartographic Society. Help sculpt the content, procure the images and come up with the next issues's themes.

We are looking for **Authors** from all Members, Student Members, Corporate Members and Educational Members. Tell us what you've been up to, your latest product or your latest adventure with maps in mind!

Contact Caroline,
caroline@cartography.org.uk

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What's coming next?

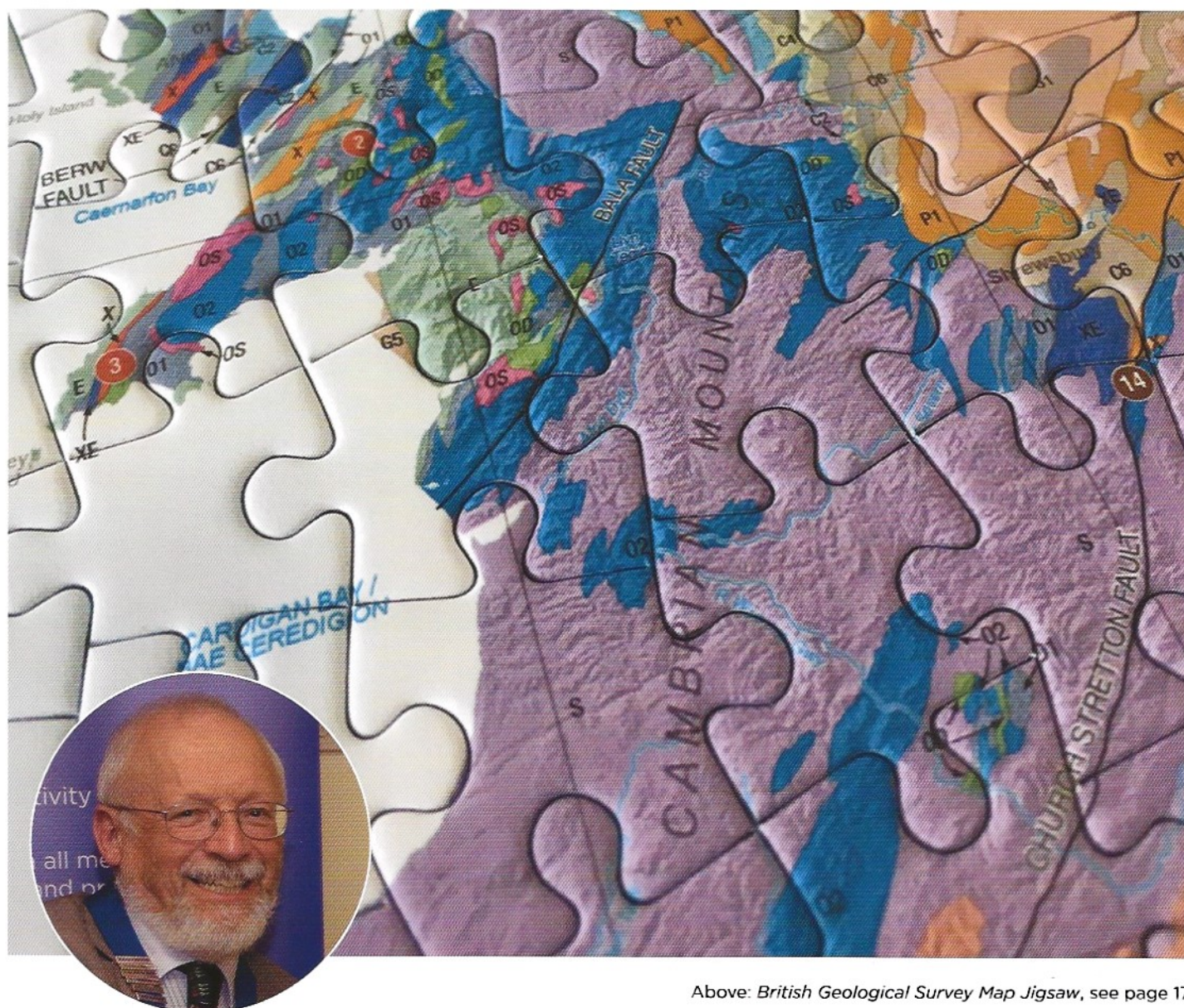
Spring 2020 Edition:
International Women's Day

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Article & Photos: Friday (28) February

Proof-reading: Friday (13) March 2020
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Winter 2020: Awards, Archive & Gifts

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Langford Locks, Kidlington, Oxon, OX5 1FP



Above: British Geological Survey Map Jigsaw, see page 17

From the BCS President ...

Very often though it is the power of the map to help us realise the interplay of different information that is most powerful – in a book I recently read I was struck by maps simply highlighting the correlation between certain underlying Carboniferous geology and a tendency to vote for the Labour Party.

There is still a message to get across though as, when reading, I still often find myself thinking how much better the message could have been communicated with a map, just even one.

As he now steps down after eleven years in the role, I would like to express our thanks to Jim Nicol for all he has done as our Treasurer over this time.

Also stepping down from Council after the AGM this year, Ken Atherton has played an unequalled role in the Society over many years – firstly as a council member (including time as both Secretary and Treasurer), as Administrator for several years in the noughties and then returning to Council with two spells as Vice President. He was awarded an Honorary Fellowship of the Society back in 2010. Ken still retains his role as Secretary of the

UKCC, but this seems an opportune moment to record my and the Society's thanks to him for his many roles over many years.

Finally, I'll close with more thanks – to Sylvia Cassettari who stepped into the breach to temporarily take on the admin support role towards the end of 2018. In line with our policy, the role – as you will have seen – has recently been re-advertised and I am confident that I will be able to let you know the results of that in my next column.

Richard Carpenter
BCS President

Membership

Thank you to all our members who have renewed their membership for 2019. Your continued support for the Society is greatly appreciated.

We are also very pleased to welcome our new members who have joined us since mid-June.

Full: Eugenia Sarafova, Harriet Gordon, Bronwyn Scholes, Thomas Lee, Laurent Jégou, Gillian Bailey, Helena Robertson, Dominique Rene, Ian Truckell, Paul Wittle, Tim Absalom, Christine Jacobi, Annabel Wright, Sam Bax, Bethany Morbin, Claudia Caporusso, Paul Robinson, John Farebrother, Matt Houston and Luke Badger.

Affiliate: Niki Karagkouni, Mark Eadie, Pamela Mock, Hamish Cameron and Zeeshan Ahmed.

Student: Esra Peynirci, Kristian Kasinger, Gavin Barr, Amy Madden,

Johanna Meyer and Alexander Hayers.

Educational: St Helen & St Katherine School, Godalming College, Dunottar School, Royal Library of Belgium, Ellesmere College, Dartford Grammar School, Langley Prep at Taverham Hall and Prendergast School.

Small Corporate: Urban Good CIC
Corporate: Turley

Our current membership fees are as follows:

Full members: £40 (Overseas £55),
Fellows: £60 (Overseas £75),
Affiliate: £20 (Overseas £35),
Student £20 (Overseas £35),
Educational £72 inc VAT,
Small Corporate £120 inc VAT,
Corporate £240 inc VAT.

For more details see:
www.cartography.org.uk

Our subscription year runs from 1st January to 31st December. New members will receive all issues of *The Cartographic Journal* and *Maplines* for the year of joining (according to availability).

To join or renew your subscription, please use the following methods

- Website application at www.cartography.org.uk
- Bank transfer to Account Number: 06753868, Sort code: 55-50-23. (Please include your membership number and surname in the reference).
- Cheque made payable to The British Cartographic Society. (Please write your membership number on the back when renewing).

The BCS Administrator is happy to help members with issues or queries they may have related to the Society. Please contact:

admin@cartography.org.uk

William (Bill) Shirreffs Obituary

1935 to 2019

The Cartographic Journal benefitted from insights Bill brought from his work at what was then called the Macaulay Land Use Research Institute at Craigiebuckler, Aberdeen, particularly in the field of map design and the use of colour and text. He is credited with the idea of putting together a special issue of *The Cartographic Journal* in December 1993 on map design and the cartographer.

By then he had been much involved in poster displays on different aspects of map design at our annual symposia. He also chaired the Map Design Group while being a member of the society's Council for nearly ten years in the 1990s. He brought together a personal love of maps and their power to communicate to the public and fellow professionals - always informed by practical requirements from clients. Practitioners like him were hard to match when the discipline was less dependent on digital mapping.



● FULL LICENCED HOUSES	143
* BEER HOUSES	125
■ BREWERIES	7
▲ OTHER LICENSES	44
TOTAL	319

BOTTOMS UP

Housed in the book stacks of the Bodleian Library is a map which has long been a favourite amongst staff, so much so that we have created a reproduction of it with an introduction which will go on sale in October.

The Drink Map of Oxford, originally published in 1883, is a basic skelton plan of the city which has had symbols showing the locations of all the pubs, breweries, licenced premises and beer houses added.

And there are a lot; 7 breweries, 143 pubs, 125 beer houses and 44 other licenses. A beer house differed from a pub in that any member of the public who paid rates could apply for a licence and sell or brew beer in a room in their

house. You can see when looking at the map how the majority of beer houses are tucked away in over-crowded residential streets, while the fully licenced premises are on the main thoroughfares, and in one case even in the railway station.

Unlike a modern CAMRA map showing the pubs in Oxford the organisation believes are worth visiting the intention with the Drink Map is to discourage people from drinking alcohol.

The map was published by the 'Committee of the Oxfordshire Band of Hope and Temperance Union', and was designed to highlight how the poorer areas of Oxford are heavily populated with drinking establishments.

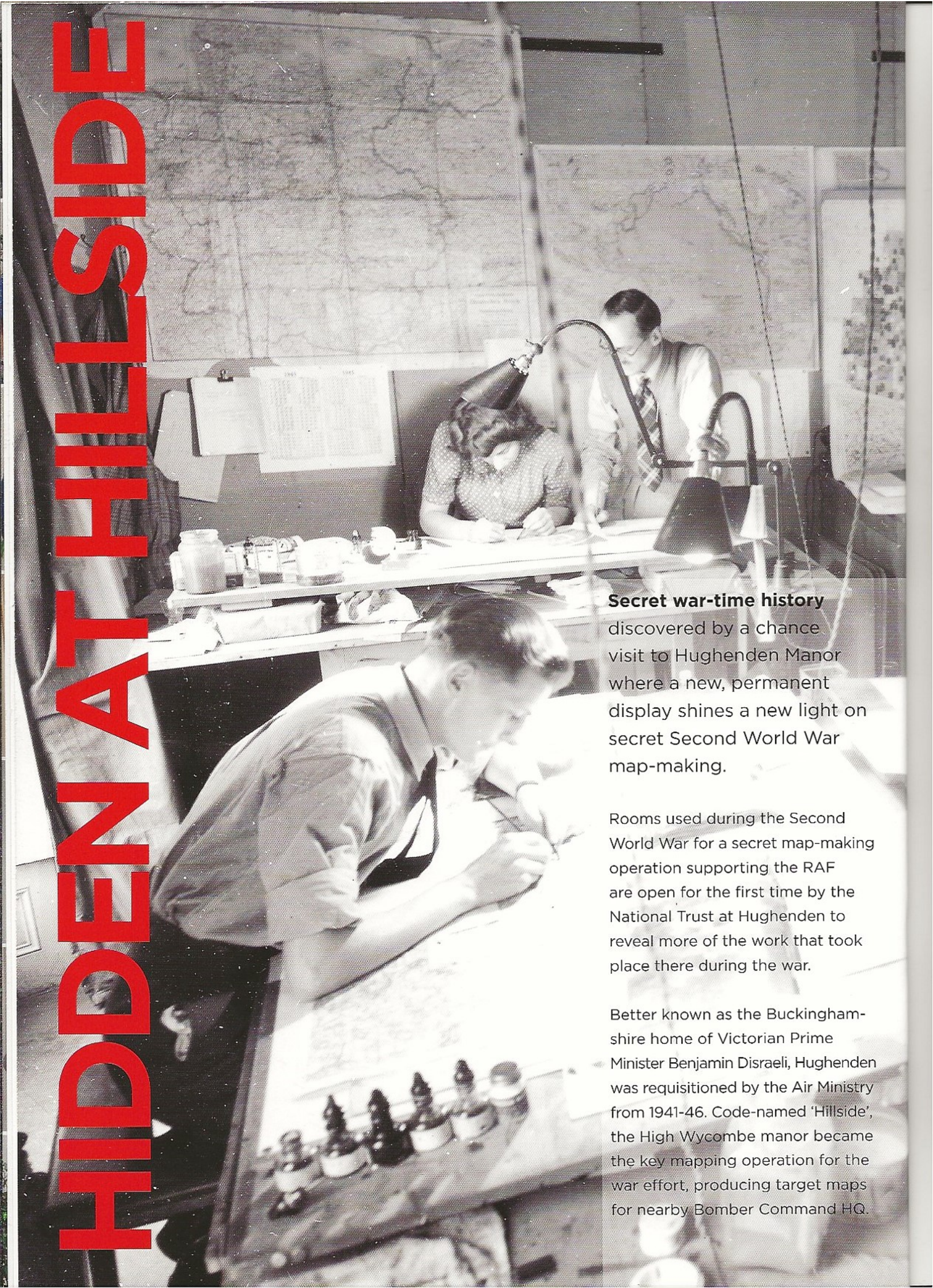
Text on the back of the map, reproduced in full in the new version on sale, explains how *'All who look carefully...must be struck with the fact that drink-shops are not equally distributed all over the city. In the poorest neighbourhoods they are most plentiful while in the north of Oxford there are very few red spots'.*

The original map is on display in a major Map Exhibition in the Weston Library, in a cabinet along with a number of other important maps about Oxford.

'Drink Map of Oxford' with an introduction by Stuart Ackland available at Bodleian Library Publishing.

www.bodleianshop.co.uk

HIDDEN AT HILLSIDE



Secret war-time history discovered by a chance visit to Hughenden Manor where a new, permanent display shines a new light on secret Second World War map-making.

Rooms used during the Second World War for a secret map-making operation supporting the RAF are open for the first time by the National Trust at Hughenden to reveal more of the work that took place there during the war.

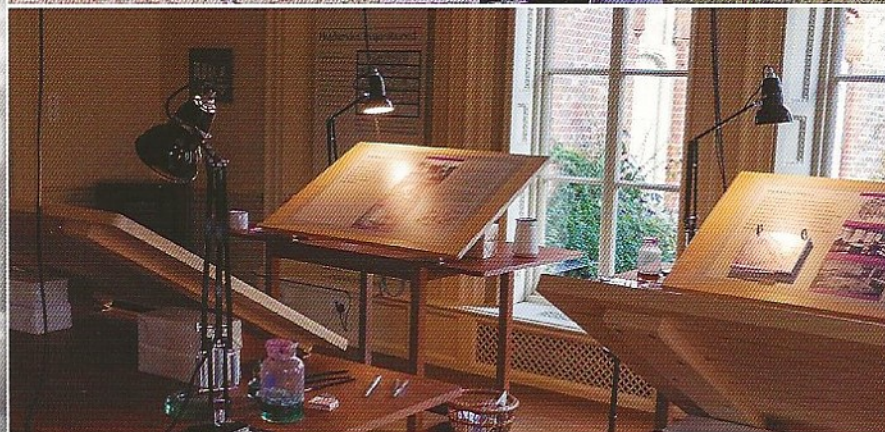
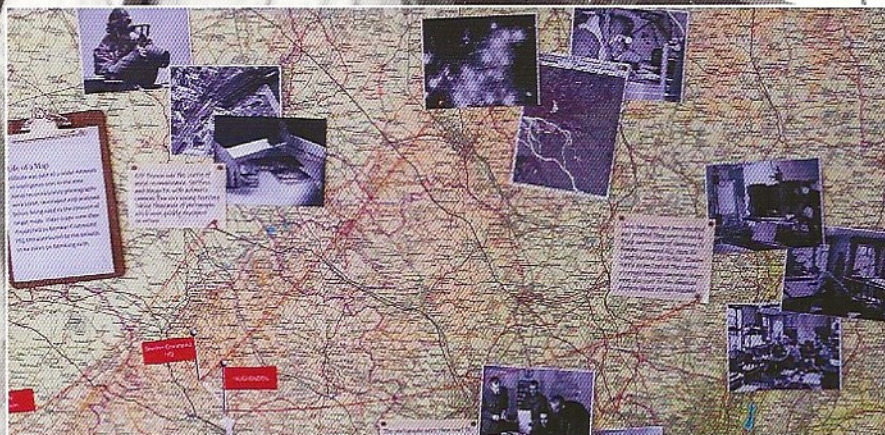
Better known as the Buckinghamshire home of Victorian Prime Minister Benjamin Disraeli, Hughenden was requisitioned by the Air Ministry from 1941-46. Code-named 'Hillside', the High Wycombe manor became the key mapping operation for the war effort, producing target maps for nearby Bomber Command HQ.

MAPS ARE NOT
TO BE TAKEN
WITHOUT
PERMISSION

Around 100 personnel, both men and women, military and civilian, were based at Hughenden. The map-makers were recruited for their skills as cartographers, architects, designers, artists and even cartoonists, chosen for their drawing abilities, along with printing professionals. They produced more than 3,500 hand drawn maps at Hughenden for the RAF's bombing campaigns, including for the Dambuster's raid.

A chance encounter

The operation was kept secret for more than 60 years by the people involved and the National Trust only became fully aware of the story when a volunteer room guide overheard a visitor telling his grandson that he was stationed at Hughenden during the war. This chance encounter in 2004 with Victor Gregory, recruited at age 18 from a London printing firm, led to the unravelling of this remarkable story.



Main image: *Drawing Office*
© 2019 National Trust
Above Inset: *Life of a Map* installation
Below Inset: *Drawing Office / Music Room*
© 2019 Martin-Lubikowski

A new map-making operation
At the outbreak of the war there were few accurate maps of Germany and the RAF's campaigns were largely ineffective with only around a third of bombs falling close to their target. After two years of war, the Army's capabilities had been severely impacted and with the recent Dunkirk evacuation, Britain was now reliant on an airborne response.

A new map-making operation was commissioned, and for five years Hughenden was used by the Air Ministry to produce new target maps for sites in occupied Europe and Nazi Germany. Code-named Hillside for its hill top location, Hughenden was ideally located between the intelligence services at RAF Medmenham and Bomber Command HQ at Naphill.

Shedding light on the story
With interviews from former colleagues of Gregory, released from the restrictions of the Official Secrets Act, and maps from the National Archive in Kew, the National Trust established a small exhibition a few years later in the cellars of the manor, the only space available at the time. Accessed down a narrow stairway, the location was less than ideal and subject to flooding.

With ground floor space now available, and with the help of local groups, including the RAF, the new displays explore the people, the place and the process, in rooms that were used at the time, including one of the original drawing rooms. Years of painstaking work from Hughenden's own team of expert volunteer researchers has been



The exhibition features archive material, interactive displays and accounts from the map-makers, personal stories from the people whose work was so crucial to the war effort.

Rob Bandy, Hughenden National Trust House & Collections Manager, said: "Visitors will now be able to gain a full insight into what led to Hughenden being requisitioned in 1941, how the maps were made and distributed, and the decisive impact they had on Britain's war efforts.

"The display highlights the significant role Hughenden played in helping to turn around the outcome of the war, and how that impact was keenly felt by the map-makers themselves. We are very grateful to the families of those men and women who have allowed us to share their stories, to shine a new light on this important piece of local and national history."

The estate was requisitioned by the Air Ministry from the Disraelian Society who ran Hughenden as a small museum. All of the Disraeli collection and room displays were removed for the duration of the war, bar the contents of the library, and stored in the basement. When the Air Ministry moved out they

took everything they had established for the mapping operation with them. When the Society gifted the Hughenden estate to the National Trust in 1947 there was little trace of the wartime operation.

About Hughenden

Benjamin Disraeli owned Hughenden from 1848 to 1881. The National Trust have laid out the Manor as he would have known it, personal memorabilia that give visitors an insight into the charismatic personality, political career and colourful private life of this most unlikely Victorian Prime Minister. Hughenden's formal gardens have been recreated based on the original designs of Mary Anne Disraeli with pleasure grounds and parkland surrounding native beech woodland.

Set in the rolling countryside of the Chilterns, the Hughenden estate features many rare habitats, with chalk grassland and a winterbourne chalk stream, cared for by the National Trust rangers to encourage wildlife and habitat diversity.

I would like to thank Rob Bandy for his willing help in allowing us to publish this story in Maplines and for permission to take photographs at Hughenden Manor to illustrate this article.

Martin Lubikowski
Vice President of the BCS

Above: *Hughenden's formal gardens*
© 2019 Martin Lubikowski



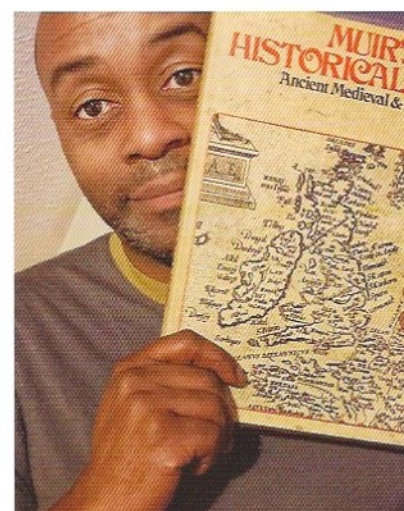
Celebrating interesting maps, travel and all things cartographic, Map Corner is a monthly podcast, which is available on your fruit-based device or similar.

Claire Astbury inherited a genetic love of maps from her dad's side of the family - famous for always wanting to start with a map and an itinerary. While Roifield became fascinated at an early age whilst looking at his aunt's globe, wondering about borders and nations.



The two came together after Roifield Brown's love of maps led listeners from his other podcasts to share maps they had seen. Soon, Map Corner mentions took up too much time on a show which wasn't about maps. An audio show about a visual medium may seem wrong, but since starting earlier

this year, they have found that there are plenty of map lovers around the world who want to hear about interesting maps.



Launched in February 2019, one of the first episodes was an interview from social media map titan Simon Keustenmacher. For an accidental podcast, it does really well with listeners as there are roughly 2500 downloads per episode.

Topics include ancient maps, transit maps, crafted maps, language families, highway systems, gastronomic traditions and road numbering.

Find Claire and Roifield on the Podcast section of your online device or see:

www.mapcorner.space

© 2019 respective owners

TOKYO CULTURE



Main image: the Mirai
Right: Inside the conference
Far right: Geisha
© 2019 Alex Kent

Tokyo, one of the world's great cities, played host to the 29th International Cartographic Conference (ICC) and the 18th General Assembly of the International Cartographic Association (ICA) from 15 to 20 July.

Some 950 delegates from over 75 countries descended on the Japanese capital to learn about the newest ideas and technologies in mapping, as well as to meet friends old and new. The theme was – Mapping Everything for Everyone – reflected in the 750 presentations across 150 sessions and encompassed topics from mapping the brain to the cartographies of genocide.



The main venues of the ICC were the Miraikan (which houses the National Museum of Emerging Science and Innovation) and the adjacent Plaza Heisei (home of the Tokyo International Exchange Center). The Opening Ceremony was attended by Prince Akishino and Princess Kiko at Plaza Heisei, which forms part of a futuristic

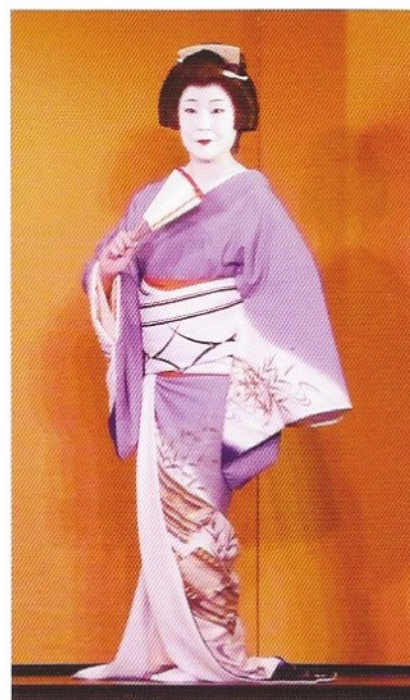
urban landscape of glass and steel. Nearby buildings such as the ship-like Museum of Maritime Science, the Telecom Center, Fuji Television Headquarters, and the Diver City shopping centre which is guarded by a life-size Gundam statue. All are located on Odaiba, an artificial island to the southeast of Tokyo, that is connected to the city by the famous Rainbow Bridge.

Conference staff were always friendly and scrupulously polite, and everything appeared to be well-signposted and organised. The quality of research presented in sessions was generally very good, with fewer no-shows than I had seen in previous years. The speakers in the session I was chairing all showed up, which was most encouraging!

At the conference it was heartening to learn that the ICA had awarded 50 scholarships to young researchers

to attend, thereby widening participation and investing in the future of the discipline. The four keynote speakers were well chosen for sharing insights into the future of mapping: Steve Coast (OSM, TomTom), Venkatesh Raghavan (Osaka City University), Ayako Kagawa (UN) & Eric Gundersen (Mapbox).

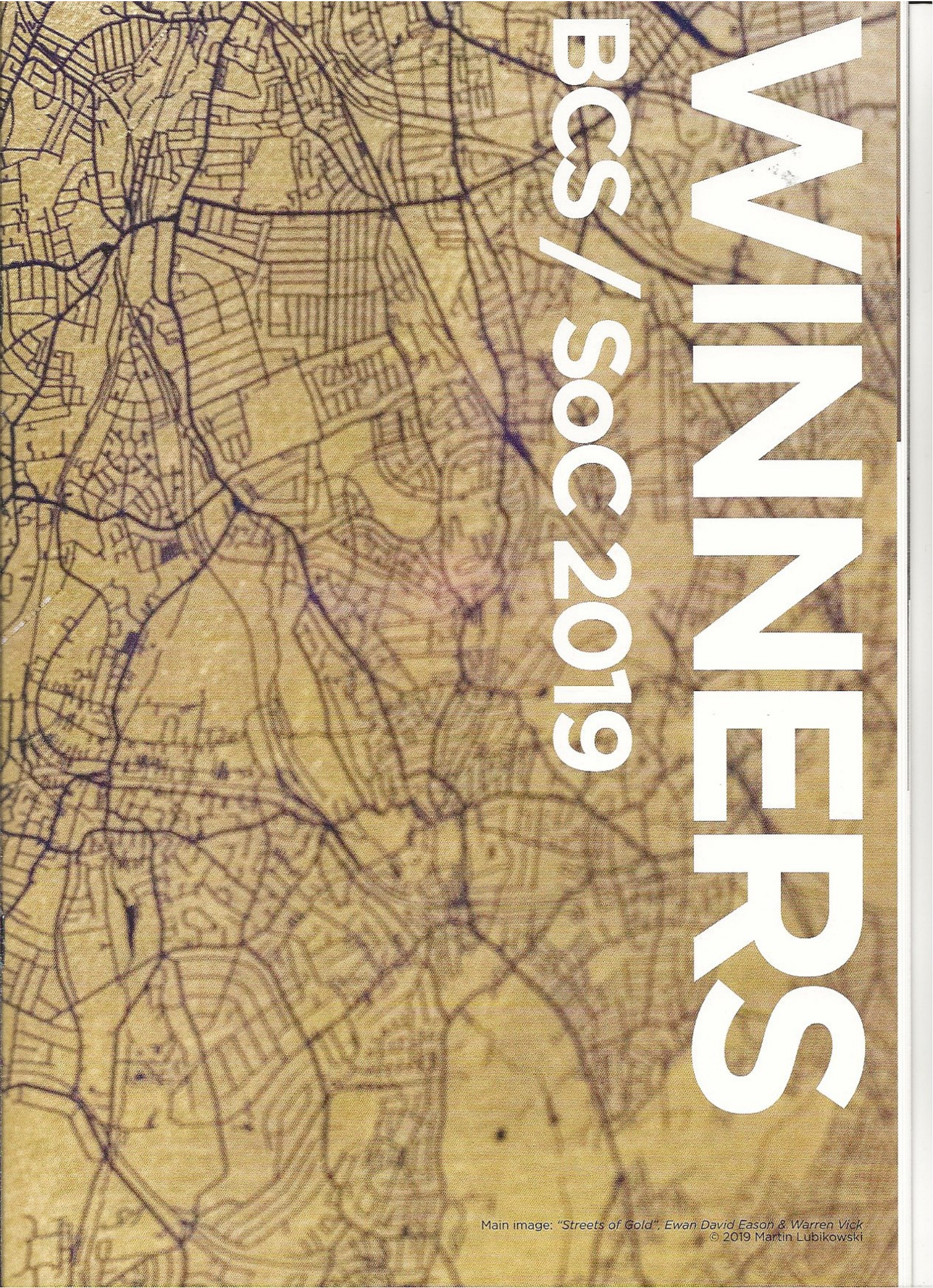
At the Gala Dinner, there was beautiful Japanese architecture and gardens. Before launching into a delicious buffet that included sushi and an assortment of unknown pickled vegetables of surprising pungency, we were treated to a performance of traditional Japanese music and dance. The meticulous and graceful routines of three geishas in kimonos with shimada hairstyles accompanied by the melancholic tones of two shamisen (stringed instruments), shime-daiko (drum) and a vocalist, combined to provide a truly extraordinary experience. It was a wonderful evening, many hearty conversations continued well into the night.



Building on the success of ICC2019, we look forward to the 30th ICC 2021, taking place in the beautiful Italian city of Florence. There is surely no better place to celebrate the fusion of art, science and technology that cartography embodies, than at the birthplace of the Renaissance.

Dr Alex Kent
Chair of the ICA Commission on Topographic Mapping & Deputy UK National Delegate, of the ICA General Assembly





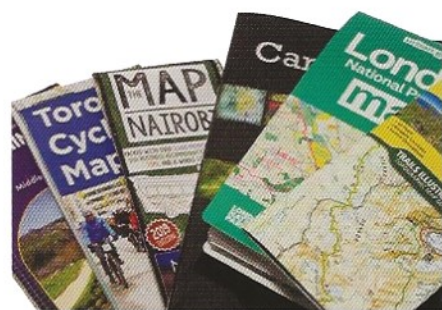
WINNERS

BCS / Soc 2019

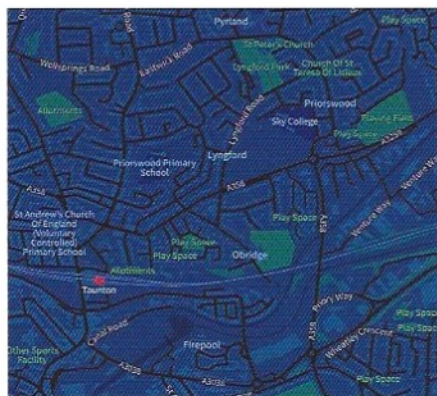
Main image: "Streets of Gold", Ewan David Eason & Warren Vick
© 2019 Martin Lubikowski



Our range of awards aims to recognize the very best cartographic work and scholarship from around the globe. We present trophies and prizes to individuals and companies who have shown excellence in this field.



Stanfords Award, Best entry for Printed Mapping, presented by Vivien P. Godfrey, Chair of Stanfords, with Richard Carpenter, BCS President. Sadly Kirsty Henderson, couldn't attend to receive the 2019 Stanfords Award for Printed Mapping for her entry "The Map-Nairobi".



Avenza Award, *Electronic Mapping*
was won by Charley Glynn for his
entry "OS Open Zoomstack". [See
last edition of *Maplines* - Ed.]

John C. Bartholomew Award,
Best entry for Thematic Mapping
presented by Jim Irvine "Head of
Digital Resources" Collins
Bartholomew to Ken Field with
"Over the Edge: Death in Grand
Canyon (2018 edition)".

Ordnance Survey Award, for excellence in the application of Ordnance Survey data, Paul Naylor presenting to Warren Vick & Richard Eason father of the artist Ewan David Eason "Streets of Gold".
[See previous page - Ed.]



The Garsdale Design Award, for 3D mapping, presented by Paul Naylor to Craig Taylor "Coral Cities" by Ito World

For the **most outstanding article published in The Cartographic Journal** (*awarded each Volume*, presented by BCS President Richard Carpenter to Roman Geisthövel & Lorenz Hurni).

Ian Mumford Award, for “Automated Swiss-Style Relief Shading and Rock Hachuring”, presented by Bill Mumford to Helena Robertson.



a university student.

The British Cartographic Society Medal is a gift of the Society's Council, and was instituted in 1984. It is awarded to persons who have made a long-term & distinguished contribution to cartography.

David Eason & Warren Vick standing by the 2019 BCS Award winner "Streets of Gold". See previous page to see their glorious map.

Other notable winners are Commended, Urban Good; Commended, Steer Group; Highly Commended,

ceremonies would not happen. Especially the Ordnance Survey for hosting the Conference this year. The Society promotes a series of prestigious awards for excellence.

in cartography that are open to everyone. We encourage entries from those engaged in all aspects of mapping, whether practical or theoretical, commercial or academic, using traditional or innovative techniques and research.

Submissions:

We would love to see your entries for 2020! The 2020 BCS Awards forms are now available & can accept your entries. Any questions contact our Awards Officer using the contact form provided.



The prestigious BCS Award is presented to the entry judged to be the best from the major design awards. It comprises The BCS Award Bowl (kept for a year), a trophy to keep and a certificate.

Best entry from winners of the major design awards is Richard Eason father of the artist Ewan

Ken Field; Highly Commended, Raluca Nicola; Commended, Alan Williams; Highly Commended, Trapeze & Mark Wolstenholme; Commended, Urban Good; Highly Commended, Laura Gerrish and Highly Commended, Ken Field.

We would like to thank our sponsors without which these awards

Please note: These forms are electronic and were created using the Google Forms, so we could utilise the upload function, for some awards you will require a Google email account.

www.cartography.org.uk/awards

© 2019 Martin Lubikowski, Caroline Robinson & various map-owners

1. Why North is Up?

by Mick Ashworth

WHY NORTH IS UP? tells the story of how widely accepted mapping conventions originated and evolved – from map orientation, projections, typography and scale, to the use of colour, map symbols, ways of representing relief and the treatment of boundaries and place names.

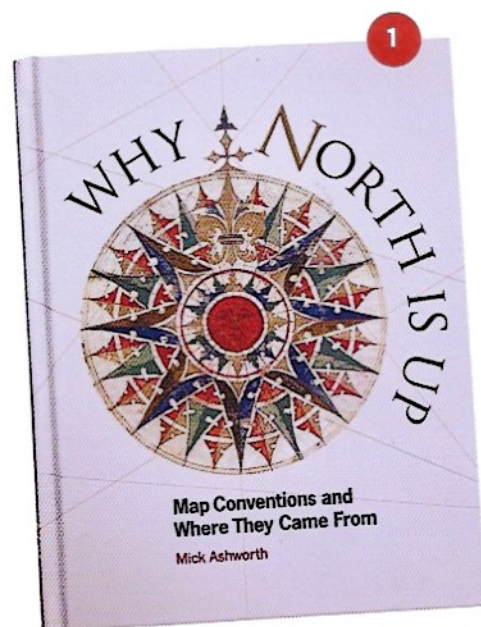
It charts the fascinating story of how conventions have changed in response to new technologies and ever-changing mapping requirements, how symbols can be a

matter of life or death, why universal acceptance of conventions can be difficult to achieve and how new mapping conventions are developing to meet the needs of modern cartography.

For the curious cartographer and those who want to know how maps work.

From Bodleian Library
& all good bookshops

£20 in hardback



HOLIDAY

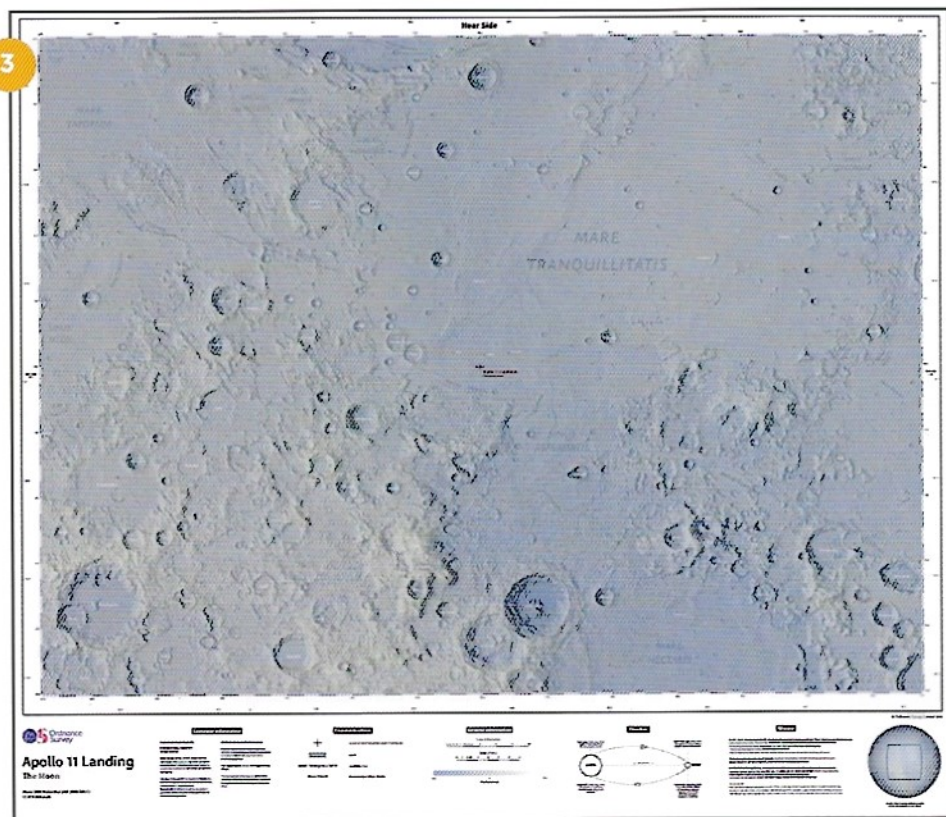
3 OS Moon Map

by Ordnance Survey

At 20:17 GMT on Sunday July 20th, 1969, American astronauts Neil Armstrong and Edwin "Buzz" Aldrin became the first humans ever to land on the moon. The next day, at 02:56 GMT, Armstrong became the first person to walk on the moon. To celebrate the 50 year anniversary of this momentous achievement OS have produced a one-off map marking the site of the lunar landing. Get your own piece of space map history!

www.ordnancesurvey.co.uk/shop/moon-50th-anniversary-map

RRP £15.99 / NOW £13.59





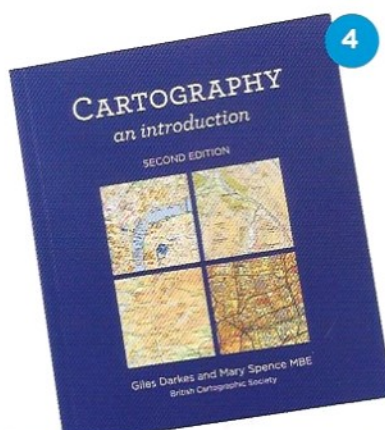
2. Geological map jigsaw puzzle by British Geological Survey

The Jigsaw that rocks! 1000 piece jigsaw puzzle from BGS based on the popular 1:1,250,000 scale Bedrock geology map of the UK and Ireland. Initially designed as a teaching resource but has proved to be widely popular giving a good overview map of the geology.

The map was awarded 'highly commended' in the 2017 BCS Stanfords Award for Printed Mapping. Each jigsaw puzzle includes a folded copy of the map sheet and is available in either a standard jigsaw box or a letterbox size box, suitable for posting out.

shop.bgs.ac.uk/Bookshop/
RRP £19.99 + postage

GIFTS



4. Cartography - an Introduction by Giles Dalkes and Mary Spence MBE

A classic text book for those starting out as cartographers, with an interest in maps or as a way to check the terminology heard in university or the office. Put it on your student's reading list!

£12.99
from all good bookshops

or get it delivered, for BCS Members:
£10.00 plus £2.00 p&p

[www.cartography.org.uk/product/
cartography-an-introduction-sec-
ond-edition-2017/](http://www.cartography.org.uk/product/cartography-an-introduction-second-edition-2017/)





5. Fabric maps for your next adventure by Splash Maps

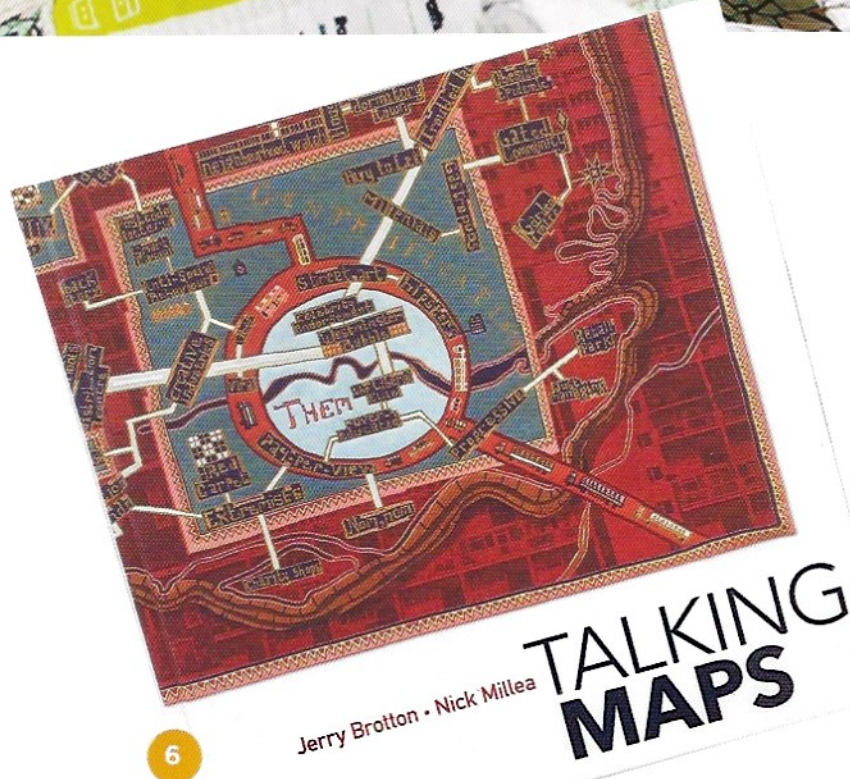
Your dad doesn't need to be an athletic superstar, to receive the toughest of map gifts this year. You know a Splash Map going to work in the field and in all weathers as superstars such as Jordan Wylie, Scott Forbes and John Blaford-Snell have proved.

Relax and tick another present off your list for mum or dad these holidays, whether they are into any adventure big or small, while walking, cycling, running, riding.

Or take a deep breath of fresh air these holidays and enjoy the great outdoors with your very own Splash Map. Perfect for post-Christmas day lunch treat.

www.splash-maps.com

From £3 +



6. TALKING MAPS

by Jerry Brotton and Nick Millea

Throughout history and across different cultures, oral and written stories have been recounted to map-makers by travellers and sailors, surveyors and artists, even writers and theologians.

As map-makers incorporate these narratives, they in turn create their own visual language about the places they represent.

Talking Maps book accompanies the exhibition which celebrates maps and the stories they tell. The exhibition runs from 5 July 2019 – 8 March 2020 at the Bodleian's Weston Library. Admission is free and no booking is required.

Visit www.bodleian.ox.ac.uk/whatson these holidays

£35 in hardback

7. ISLAMIC MAPS by Yossef Rapoport

Spanning the Islamic world, from ninth-century Baghdad to nineteenth-century Iran, *Islamic Maps* tells the story of the key Muslim map-makers and the art of Islamic cartography.

Islamic Maps examines Islamic visual interpretations of the world in their historical context, through the lives of map-makers themselves. What was the purpose of their maps, what choices did they make and what was the argument they were trying to convey?

"Islamic societies produced some of the most extraordinary and captivating maps known to us from the pre-modern world, maps that reflected the unique traits and remarkable achievements of Islamic civilisation." Yossef Rapoport

Lavishly illustrated book, a substantial addition to your coffee table.

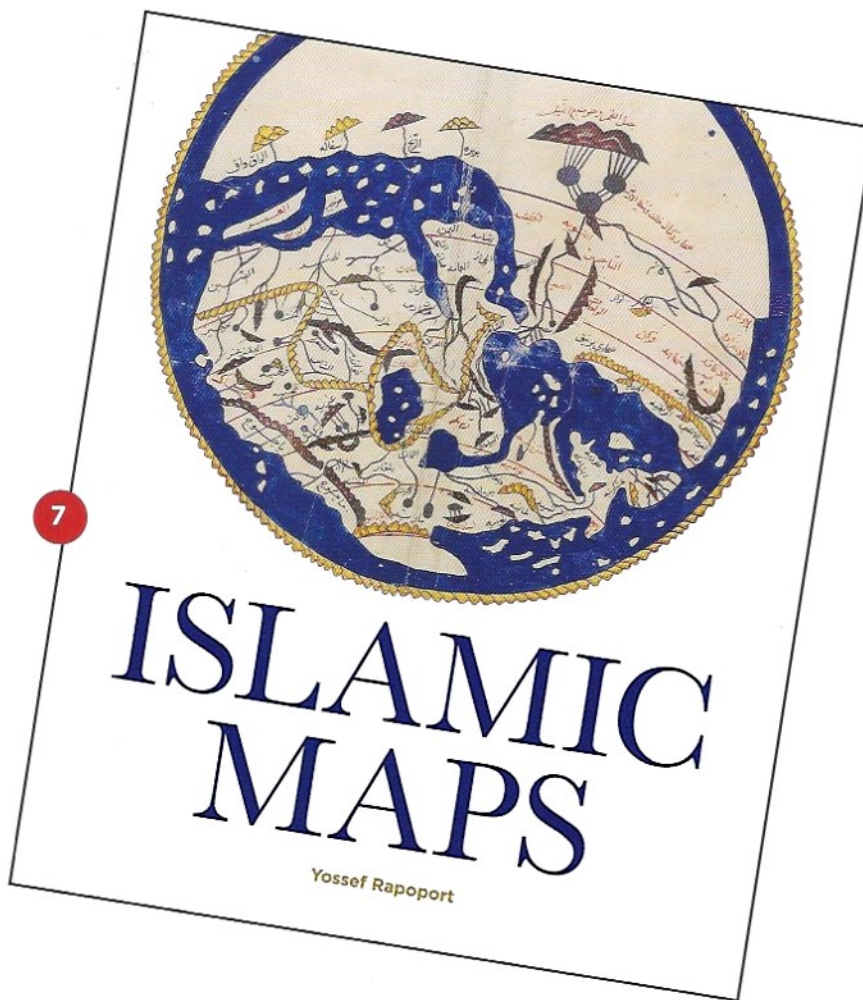
From all good bookshops

£35

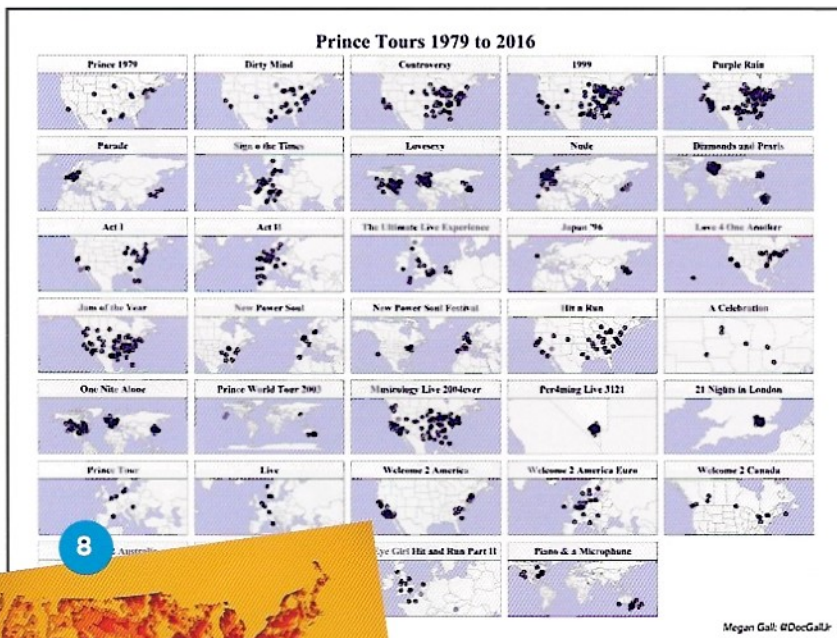
(March), Nikita Slavin (April), Mark Ireland (May), Megan Gall (June), Dan Fourquet (July), Victoria Johnson (August), Christopher Pollard (September), Joshua Stevens (October), Pete King (November), Miguel Marques (December), and Greg Fiske (Cover).

www.geohipster.com

£15.44



7



8

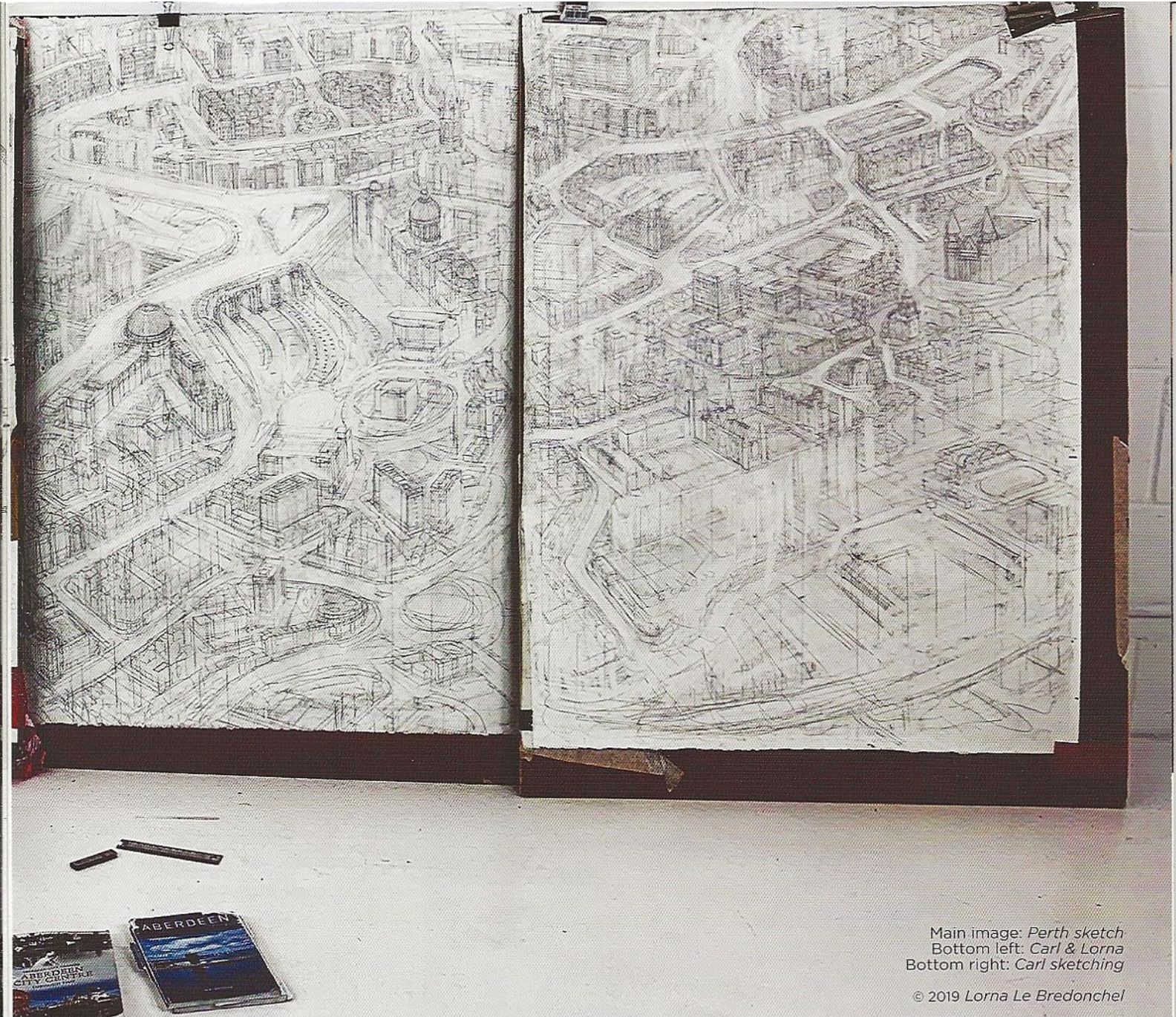


8. GeoHipster 2020 Calendar By GeoHipster LLC

A collaborative project, the 2020 calendar from GeoHipster is now available, featuring 13 amazing maps from the following authors: Dylan Moriarty (January), Raluca Nicola (February), Heikki Vesanto

STREET CULTURE





Main image: *Perth sketch*
 Bottom left: *Carl & Lorna*
 Bottom right: *Carl sketching*

© 2019 Lorna Le Bredonchel

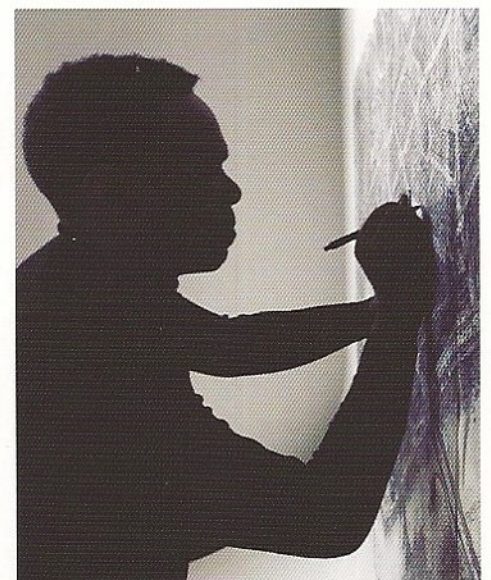
The City of Perth is the 4th Scottish city and 7th in the series of the #69Cities Portrait of the UK Project sketched by artist Carl Lavia, working in partnership with Lorna Le Bredonchel, and is currently on display at Perth Museum & Art Gallery.

The giant Perth Sketch took 4 months to research, map and create and is a unique interpretation of Perth City Centre and the surrounding area, intricately detailing well-known landmarks and buildings and providing a rare perspective of the city.

The giant 3m x 1m sketch looks like an aerial map from a distance, but close up you'll see every hand drawn mark and line which creates the urban landscape.

Previous cities include: Inverness, Perth, Stirling, Birmingham,

Manchester, Edinburgh and Dundee.



www.sketchinthecity.com

You are here: a journey

through maps has itself gone on a journey. The exhibition ran by The National Library of Scotland's in 2016-17 and was seen by more than 95,000 visitors.

The exhibition, curated by Paula Williams, has now been translated into a travelling exhibition and is working its way around public libraries and museums in Scotland.

Maps are everywhere, on our phones, in our cars and pockets, on walls, bus stops and adverts. They proclaim YOU ARE HERE!

Maps plant us firmly in a place, at an exact spot in the world. We rely on them to navigate safely from one place to another. But how much do we really know about them?

The exhibition challenges our acceptance of maps, posing questions about how they are made and how we understand them. The panels ask questions of the visitors such as "Do maps show real places?", "How are features selected?", and "Why is north to the top?".

Each is illustrated with maps from across the Library's collection. The travelling exhibition is formed of ten pop-up panels and a handling box. The handling box is a large green travelling trunk, filled with objects relating to map reading and globe making.

Having already visited Stirling Central Library, the exhibition will be at Irvine Townhouse until mid-October before moving on to Falkirk Library and then the McKechnie Institute, Girvan, in the Spring 2020.

www.nls.uk/exhibitions/maps

© 2019 Imaging Services Unit
at the National Library of Scotland



GLOBES



and one celestial, the globes were engraved and coloured-in by hand. Celestial globes had been used in classical Greece to portray the heavens but it was not until the 1490s that the use of terrestrial globes were recorded.

A rare pair of 200-year-old Cary Globes exhibiting the tracks and discoveries of Captain James Cook and Captain George Vancouver's voyages into the unknown are set to be exhibited at Dumfries House in East Ayrshire.

The intricate antique globes, which date back to 1816, were made by brothers William and John Cary who combined their skills to create these delicate and extremely detailed snapshots of cartographic history. One terrestrial

"A similar pair of globes are currently on display in the Museo Galileo in Florence, so it is very special for Dumfries House to have such a unique pair of globes on loan from Mrs Skene." *Janet Casey*, curator

William Cary was an English maker of scientific instruments apprenticed to the noted instrument maker Jerry Ramsden who is famous for inventing the 'Ramsden disc' which is used in telescopes. His brother John was a cartographer, engraver

and publisher who traded from the shop next door. When John's premises at 181 Strand were destroyed by a fire in 1820, William rebuilt them and took them over. William's claim to fame, was to have supplied a 3ft theodolite - a rotating telescope for measuring horizontal and vertical angles - for the great trigonometrical survey of India under George Everest, and for which Mount Everest was eventually named in 1865.

The Cary Globes are on display in The Earl's Study at Dumfries House. They can be viewed by members of the public through their guided tours:

www.dumfries-house.org.uk/visitors/tours

© 2019 Iain Brown



BCS / SoC Conference 2019

- ☺ A well-designed map communicates its message clearly and provides a pleasing user experience.
- ☹ A poorly designed map can confuse the map reader and even distort the information displayed.

BECAUSE MAPS ARE HARD!!

