

Number 77
SPRING
2010

CARTOUCHE

THIS ISSUE

Dear Fellow
Members of the
CCA/ACC **3**

Thank You's and
Nominations **4**

Iceland's Earliest
Cartographic
Identity **5**

Bernard Gutsell
Tribute **9**

Notes from a Prairie
Cartographer **10**

School's Out for the
Summer **11**

The Association
Matters **13**

Professional
Development **15**



FEATURED
EVENT

**2010 CCA
Conference,
Regina**

PHOTO CREDIT: University of Regina Photography Department.

Cache In at The Prairie Summit, June 1-5, 2010

The Department of Geography at the University of Regina invites all members of the CCA to this year's Annual Meeting in Regina, June 1 - 5. The meeting is held together with the annual meetings of the Canadian Association of Geographers (CAG), the Canadian Geomorphology Research Group (CGRG) and the Canadian Remote Sensing Society (CRSS). As the first joint meeting of these groups, the 2010 Prairie Summit promises to be a unique and special event. The symposium will provide a forum for sharing current research findings, and new research challenges and directions.

Among various special sessions covering a wide range of topics, there will be one of particular interest to cartographers. Organized by Donna Williams (NRCan)

the session "The Last 25 Years of Mapping: Helping us move forward at the CCA meeting in Regina" will present an interesting perspective on the past and future of cartography.

A special part of the Prairie Summit will be field trips during and after the conference highlighting the unique human and physical geography of Regina (including a trip to Taylor Field, the home of the Roughriders, the winningest team of the CFL), Moose Jaw, the Qu'Appelle Valley, the Avonlea Badlands, the Cypress Hills, and the Great Sand Hills.

The U of R campus is located at the south end of beautiful Wascana Park which offers great opportunities for running, canoeing and other outdoor activities such as geocaching. Bring your GPS'



Quarterly Newsletter of the
Canadian Cartographic Association/Association canadienne de cartographie
www.cca-acc.org

as there are geocaches hidden in close proximity to the U of R campus and in Wascana Park. Before the conference, the Department of Geography will hide a mystery geocache for delegates interested in geocaching. Check the website at www.geocaching.com for the “2010 Prairie Summit” geocache in early May and be prepared to answer questions relating to Saskatchewan’s geography.

For more information on the conference, accommodation and social events please check the conference website at <http://prairiesummit.uregina.ca>.

Hope to see you in Regina!

<http://prairiesummit.uregina.ca>



Author Julia Siemer is Co-Chair of the 2010 Prairie Summit. She is an Assistant Professor of Geography (Cartography and GIS) at the University of Regina.

Editor's Notes



Dr. Julia Siemer and her colleagues have prepared a top-notch conference in Regina for our professional development. Hope to see you there in June.

Cartouche is a terrific forum to share your cartography and GIS-related insights, expertise, activities and questions with those who care. I am pleased to introduce a new column written/edited by Christine Homuth, the Student Representative on the Executive. I have mentioned editing as a reminder that while several members on the Executive are responsible for providing a column for each issue, the content for that column can be provided by any member. If you are interested in writing for this newsletter, please contact the relevant Interest Group Chair, the Student Representative, or me. By the way, published URLs in *Cartouche* are now clickable.

Patricia Connor

Cartouche is published quarterly by the Canadian Cartographic Association. Members are welcome to submit articles for publication. Articles and notices submitted for publication are subject to editorial approval. Please address your submissions to the editor. All other articles will appear in the language of submission. While every effort is made to ensure accuracy of content, the editor cannot be responsible for errors in compilation, or loss of any item submitted. Opinions expressed in the editorials, submitted articles and letters are not necessarily those of the Canadian Cartographic Association. The Canadian Cartographic Association gratefully acknowledges the financial support given by the Social Sciences and Humanities Research Council of Canada.

Cartouche est publié trimestriellement par l'Association canadienne de cartographie. Tous les membres peuvent soumettre des articles à l'éditeur du bulletin (voir coordonnées ci-dessous). Les articles et annonces soumis sont sujets à l'approbation de la rédaction. L'éditeur du bulletin ne peut être tenu responsable pour des erreurs de compilation ou la perte d'article. Des efforts particuliers sont déployés pour éviter de tels problèmes. Les opinions exprimées dans le cadre des éditoriaux, des articles et des lettres publiés dans le bulletin, ne reflètent pas nécessairement celles de l'Association canadienne de cartographie. L'Association canadienne de cartographie remercie particulièrement le Conseil de recherches en sciences humaines du Canada pour son apport financier.



Dear Fellow Members of the CCA/ACC

This note precedes our joint conference (The Prairie Summit) with the Canadian Association of Geographers, Canadian Geomorphology Research Group, and the Canadian Remote Sensing Society at the University of Regina. This conference promises to provide an exciting combination of presentations from colleagues in our sister disciplines. Hopefully, everyone who was considering participation decided to submit an abstract by March 15. Please remember that early registration fees (i.e., cheaper) expire April 1.

The death of Bernard Gutsell this month (March) brings memories of the past 45 years of the CCA/AAC, specifically, and cartography, in general. As one of the founders of the CCA/AAC, and the original editor of *The Cartographer*, later *The Canadian Cartographer*, and finally, *Cartographica*, he established an international reputation for both the organization and the journal. I encourage all of you to read Henry Castner's article of tribute published in the Spring 1997 issue of *Cartographica*. For anyone without access to the original paper, it is available as a PDF and can be found at: <http://utpjournals.metapress.com/content/6q88837n83r00165/?p=ec0a55b1dea14e0f88b083a2c8b65ef5&pi=1%20>

Much has changed in the discipline since 1965, fortunately for the better, especially in terms of cartographic compilation and production. On the other hand, while over the years, much has been learned to improve the principles of good cartographic design and communication, these principles have been relatively constant. As we all know, it is very easy to produce a poorly designed map, so as cartographers and cartographic editors, we must constantly work for the creation of maps that communicate well, whether by themselves, or part of an atlas, or part of a GIS project. As cartographers, we find that maps, especially the online variety, are more popular than ever. And as members of the geospatial community, we can help our colleagues, particularly those who are using GIS and remote sensing technologies (who typically are not trained as cartographers) to design better maps. In my case, I work with a broad range of experts in the biological, physical, and social sciences. These people desire the best method to visually present environmental and social interactions in a coherent view. It is my hope that the CCA/AAC membership continues to provide the inspiration and guidance in cartographic communication for years to come.

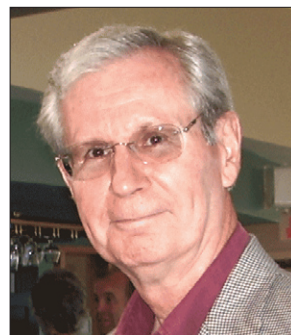
Author **Daniel G. Cole** is President of the Association. He is the GIS Coordinator, Smithsonian Institution, Washington, DC.



4+1

= The number of field trips arranged during (Avonlea, City of Moosejaw, City of Regina, Qu'Appelle Valley) plus following the conference (Palliser Triangle Excursion: Where the Deer and the Antelope Play).

PAST PRESIDENT



Thank You's and Nominations

As Past President and Chair of the Nominations Committee, I would like to thank members of the Committee Roger Wheate, Dan Duda, and Byron Moldofsky for their work on it. Roger was particularly helpful and did the majority of the work to fill the slate. The new members or a previous member in a new role of the Executive will be:

Vice President - Gerald Stark
Secretary - Elise Pietroniro
Map Use & Design - Julia Siemer
History of Cartography - Ken Favrholt

Remaining on the Executive are:

President - Donna Williams
Treasurer - Paul Heersink
Past President - Dan Cole
Analytical Cart & GIS - Fiona Ryle
Education - Dawn Mooney (serving a second term)
Map Production - Paul Wozniak

Biographical information will appear elsewhere in *Cartouche*, as appropriate. Thank you to these members for “stepping up to the plate” and contributing to the important task of running the Canadian Cartographic Association. Thank you to all those who went off the Executive for their contributions during their term(s) in office.

Nominations for the Awards of Distinction have closed. There will be a separate announcement once the rest of the process is completed.

Author **Clifford H. Wood** is Past-President of the Association and Chair of the CCA Awards Committee. Cliff is a Professor (retired) from Memorial University and Co-Editor of *Cartographica*.



60% off

= The special student registration discount for the CCA/ACC conference – only \$100 after April 1st (was \$75 before April 1st).



Iceland's Earliest Cartographic Identity

While Icelandic bankers had their sad thrills in the past year, the denizens of Iceland are still, and will always be, enraptured by their magnificent country. Imagine the delight of being in a tour bus across its subarctic scape and hearing the bus' incumbents break out in traditional poetry as they pass a furtive hill, a breathtaking canyon of lava, or a thundering waterfall. Maybe some are now inclined to leave the bankers on that hill, in that canyon, or just tossed over the waterfall. Thankfully, no one seems to be inclined to take such drastic action. The landscape evokes sentiments of caution, consideration, and of gratitude. Interestingly, Iceland has a long record of those sentiments, captured by the Sagas. Iceland's place in cartography reflects the imagination, intellectual exchanges, and sojourns of Greeks, Normans, Arab Sicilians, Portuguese, the Dutch, Italians, English, and scholars in Constantinople, as well as monks, bishops, kings, sailors, explorers, and adventurers. Space restrictions in *Cartouche* prevent me from detailing the cartographic rise of Iceland from a mythical puzzle to its acknowledgement as a land precisely measured in space and in shape.

My own dwelling in that land as a graduate student in Ocibar (now Eyrarbakki) itself, one of the oldest named

locales in Iceland from which Bjarni Herjólfsson in 985 or 986 A.D. sailed to Newfoundland and Greenland, inspired me to gaze on the mystery attached to Iceland's cartographic identity. Little did I realize that its cartographic history goes back some 2,335 years. One might aver that such a long history is a fabrication of sorts for the first 1,325 years the island assumed a mythical character. The next period (of 455 years) Iceland has had to share its name and placement on maps with Thule, a mythical name by itself that dates back to Ptolemy's map. Only since around the middle of the 15th century did Iceland begin to acquire its own cartographic identity.

For the sake of deepening ourselves in the scales of times involved in Iceland's acquiring its cartographic identity, it might be helpful to create a clock. The clock would start at noon with the alleged arrival of the first settler in Iceland in 670, an English monk. The first permanent settlement of Iceland (in 870) would occur at 12:09. Iceland's Parliament in 1000 AD would be formed at 12:15, the same time as the first appearance of Iceland on a map. The Sagas would be authored at 12:27, while faithful maps would start appearing at around 12:38. Today would be 1 o'clock.

Early Discoveries and Voyages

What follows is a bird's eye view of Iceland's cartographic identity (the bird may have blinked along the way and had to skip over even some interesting details).

Pytheas, a navigator from Massalia (Marseilles) is normally credited having taken a route that included Iceland between 325 and 320 BC although several of his contemporaries branded him as a liar about his sojourns (Editors, 1987: 150). Following Ptolemy, Isidore of Seville (560-636, A.D.) had assigned a place to Thule as falling northwest of the British Isles (Sigurdsson, 1971: 257). In 870 A.D., the first permanent settler had arrived. The land appears quite real to that settler, but cartographers were still trying to establish its whereabouts more accurately.

The first breakthrough occurred in the tenth century with Iceland appearing on the Cotton "Anglo-Saxon" map (Woodward, 1987: 328)[1] – roughly the same time as the founding of Iceland's Parliament, 999-1000 AD. Aside from Idrisi's 1154 map of the world (in which the shape of Iceland resembled the Cotton map), there were no new maps indicating Iceland (Figure 1).



Figure 1. The so-called "Anglo-Saxon Cotton Map", 1000 AD
Source: Sigurðsson, 1971: 37

Fixing Fixlanda

Exploring the early maps of Iceland is by no means easy: it is certain that any date indicated on maps actually corresponds to the real date of the information on those maps. Cartographers were constantly borrowing and amalgamating ideas from earlier maps and thus it is difficult for us to untangle the varied sources.

There were prevailing occurrences of the island, but referred to as "fixlanda" by the brothers Nicolà and Antonio Zeno from their questionable voyage to the North Atlantic around 1400 (Campbell, 1987: 414).[2] We also come across a whaling scene on a 1413 chart by Mecia de Viladestes with a depiction of Iceland (Campbell, 1987: 446). Iceland was an area richly endowed with fish. There is the slight possibility that "Fixlanda" comes from the Portuguese fixação which refers to a fixed thing, a settlement, or anchorage.[3] In light of the early English voyages to areas around Iceland, fixlanda would almost certainly have to be a translation of the Old English word fixa which is similar to

fisca, which, in turn means "fish" (Old Norse Dictionary, 2010).

In the minds of voyagers and cartographers of the day, Thule and Fixlandia were either considered the same or separate, or Thule was synonymous with Iceland, with Fixlandia swirling above the mists of the Northern North Atlantic, so to speak. "The Catalan maps of the North Atlantic showed "Ixilandia," "Frislanda," "Stillanda," or "Estilanda" which according to Iceland's most prominent historical cartographer likely refers to Iceland (Sigurðsson, 1971: 258). Even some rather late Catalan maps of Iceland show it as "Fixlandia," such as the 1586 map by Mateo Prunes,[4] while others still show 7 islands, such as those by Juan de la Cosa [year?].[5] The exact location of Iceland bedevilled medieval cartographers although one already starts seeing names of actual place names in Iceland due to English sources (Sigurðsson, 1971: 258).

There seem to be several contenders who first depicted Iceland in its relatively accurate location. The glory age of cartography was just beginning. It was left to a Dane, Claudius Clavus who in 1424-7 made an immense contribution to not only fixing Iceland's approximate location (Sigurðsson, 1971: 259) but also creating Iceland's proportionate shape (Figure 2).[6] Later, Ortelius' famed 1585 Theatrum relies on Clavus' cartographic insights to produce one of the most sought-after maps, depicting at least 23 sea monsters and some 20 land animals.[7] Some maintain that Iceland was first represented on a Portuguese sea chart by Bartolomeo de Pareto in 1455. Others, like Tony Campbell (1987: 414) who cites Heinrich Winter's 1950's Catalan Portolan, claim that Iceland "was first represented on Jaime Bertran's chart of 1482.[8] In the same year, 1482, one finds the first printed representation of northern Europe, including a map of Iceland by Dominus Nicolaus Germanus added into Leinhardt Holle's edition of the Geographia, published at Ulm.[9]

Iceland must have been on the brain of the Portuguese, inveterate fishermen and explorers (and a few Italians

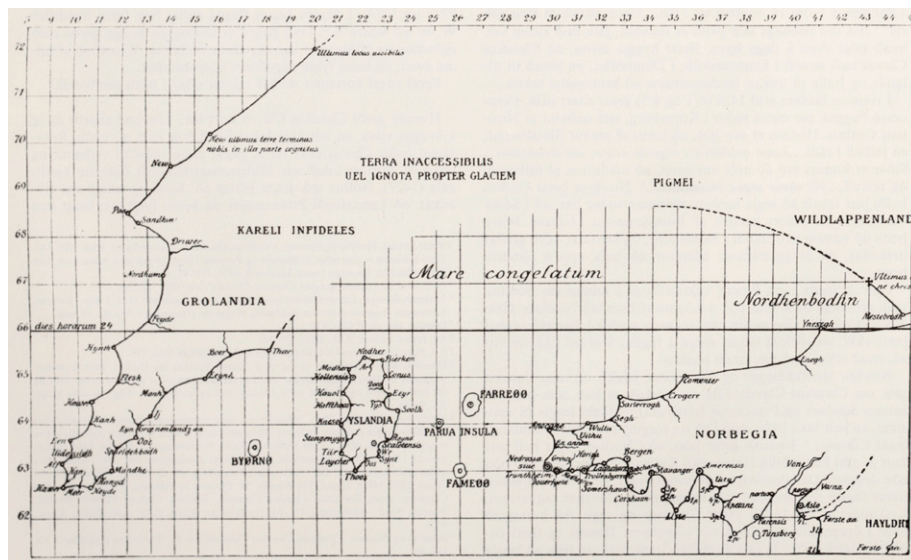


Figure 2. Claudius Clavus, 1424-7 Map Showing Approximate Location and Shape of Iceland.
Source: Sigurðsson, 1971: <http://imaging.hil.unb.ca/index.php:70>.

who made masterful seacharts), from 1500 onwards, leading the way in making maps of Iceland (Sigurðsson, 1971: 262). Lopo Homen and Pedro Reinel produced in 1519 colourful map. [10] We also have Benedetto Bordone, an Italian, who produced his first map depicting Iceland in 1528,[11] three years before his death.[12] We learn that Bordoni's map of Iceland comes from his "most famous work," the *Iso-lario* (The Book of Islands), a collection of maps of the world's known islands that resembles an ethnography in some respects. At first glance, it appears to be situated where Cuba is; Bordoni's Greenland is where we find the Bahamas. The Wikipedia claims that it was "intended as an illustrated guide for sailors," in an attempt "to include all the new transatlantic discoveries" ("Benedetto Bordone," 2010), (Figure 3).

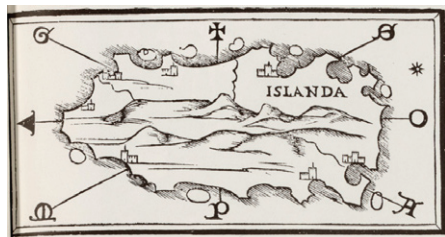


Figure 3. Münster's Wood Block Depicting Iceland, 1544.

Source: Sigurðsson, 1971: 97 <http://imaging.hil.unb.ca/index.php> . See also <http://www.columbia.edu/itc/mealac/pritchett/00maplinks/mughal/miscmaps1500s/bordone1528/bordone1528.html> .

Twelve years later one of the best-known cartographers, Sebastian Münster, created in 1532, a map of the Northern North Atlantic and Scandinavia.(Ginsberg, 2006). He already indicated his knowledge of Iceland's whereabouts which he placed north of "Thyle," indicating it as "Island" on the same landmass.[13] Sigurðsson (1971: 263) avers that Münster's main source was Ziegler, in 1533, who, despite Clavus' earlier, more accurate rendering of Iceland, followed Ptolemy as far as the direction of the area was concerned. Münster, born in Germany in 1488[14] died of the Plague in 1552, at the age of 64. As Professor of Hebrew at the University of Basel, he compiled the *Cosmographia* (1544) which consti-

tuted the earliest German description of the world. This popular work was reprinted numerous times for nearly 200 years ("Cosmographia," 2010). His work, according to Ginsberg (2006: 45) was "the first significant advances since Waldseemüller's 1513 publication of the Geography." Although he permeated some of the errors from Ziegler's 1532 map,[15] he was the first to include separate maps for each of the four known continents—hence our interest in him as another early creator of a stand-alone map of Iceland in 1544, another map set on a wood block.[16]

Woodcut maps seem to have been the only available style favourite style north of the Alps, especially in Germany. The maps could only be executed in lines and dots. The maps were drafted on oil paper that could be transposed, like a transparency, on a wood block. The actual cutting of the block would occur after such transposition. Copper plates soon replaced wood blocks and within a relatively short time much detailed knowledge about the wood-block process was already lost (Grenacher, 1970:).

As early as 1539 one begins to see the appearance of Iceland's true cartographic identity in a shape familiar to us now. In 1539 Olaus Magnus, a Swedish academic, produced his *Carta Marina*[17] and while Mercator followed Magnus's work, Mercator's maps had a higher degree of accuracy, but in other respects duplicated the mistakes of Zeno's maps[18] (Sigurðsson, 1971: 265). The 1542 map by Jean Roze is another early depiction of Iceland in its correct shape,[19] followed by a Portuguese map with the "correct shape" in 1545.[20] Permutations of inaccurate cartographic representations continued until 1668 when Bishop Þórður Thorláksson created his first detailed map of Iceland with 465 placenames and with astronomical accuracy (that accuracy, however, had already been placed in the works by great-grandfather, Bishop Gudbrandur Thorláksson in 1590 (Landbokasafn, 2010).

Iceland's cartographic identity is rooted in myths, misnomenclatures, and uncertainties. At first, there were mythical and inaccurate placements of Iceland in the Atlantic Ocean. Its location became later more precisely defined and, finally, after 1,993 years Iceland assumed a stable cartographic identity. Its physical terrain, however, remains as unstable as ever before (last year's financial instability is another matter...). Through both the speculative and diligent work of many cartographers, especially through Iceland's own 16th and 17th cartographers, our eyes can feast on a veritable banquet of maps of this remarkable country.

ACKNOWLEDGEMENTS

I am grateful to Mr. Stephen Ferguson, Rare Books Division, Department of Rare Books and Special Collections, Princeton University Library, Princeton, NJ, and to Mr. Jökull Sævarsson, National Department, *Bókasafn Íslands – Háskólasafn*, Reykjavík, Iceland, for their assistance and permissions accompanying this article.

REFERENCES

- "Benedetto Bordone," Wikipedia. http://en.wikipedia.org/wiki/Benedetto_Bordone. Accessed 12 January 2010.
- "Cosmographia (Sebastian Münster)," Wikipedia. [http://en.wikipedia.org/wiki/Cosmographia_\(Sebastian_M%C3%BCnster\)](http://en.wikipedia.org/wiki/Cosmographia_(Sebastian_M%C3%BCnster)). Accessed 8 January 2010.
- Editors from Materials supplied by Germaine Aujac (1987). "The Growth of an Empirical Cartography in Hellenistic Greece." Pp. 148-160 in J.B. Harley and David Woodward, eds. *Cartography in Prehistoric, Ancient, and Medieval Europe and the Mediterranean*. Chicago: University of Chicago Press.
- Ginsberg, William B. (2006), *Printed Maps of Scandinavia and the Arctic, 1482-1601*, New York: Septentrionalium Press ("Entry #10: Sebastian Münster's first map of Scandinavia (1540)"
- Grenacher, F. "(1970). "The Woodcut Map. A Form-Cutter of Maps Wanders Through Europe in the First Quarter of the Sixteenth Century." *Imago Mundi*. 24: 31-41. <http://www.jstor.org/stable/1150455>. Accessed 8 January 2010.
- Hodgen, Margaret T. (1954) "Sebastian Muenster (1489-1552): A Sixteenth-Century Ethnographer." *Osiris*, 11: 504-529.
- Koeman, C. (1972). "Review of "Harald Sigurðsson (1971). *Kortasaga Íslands frá öndverðu til loka 16. aldar*." *Imago Mundi*, 26: 93-94 .
- Landbokasafn Íslands–Háskólasafn(2010). "2. Bishop Gudbrandur Thorláksson" <http://kort.bok.hi.is/history.html#2> Accessed 30 March 2010.
- Old Norse Dictionary. http://home.comcast.net/~modean52/oeme_dictionaries.htm . Accessed 30 March 2010.

Potter, Jonathan (1999). *Collecting Antique Maps: An Introduction to the History of Cartography*. London: Jonathan Potter Ltd.

Sigurðsson, Harald (1971). *Kortasaga Íslands frá öndverðu til loka 16. aldar* (Reykjavik: Bókautgáfa Menningarsjóðs og Þjóðvínafélagsins).

Woodward, David (1987). "Medieval Mappaemundi." Pp. 286-370 (Chapter 18) in J.B. Harley and David Woodward, eds. *Cartography in Prehistoric, Ancient, and Medieval Europe and the Mediterranean*. Chicago: University of Chicago Press.

ENDNOTES

[1]. [see image in Sigurðsson, 1971: 36]

[2]. [see image of Medici map 1351 in Sigurðsson, 1971: 54]

[3]. The Portuguese were, after all the main map makers of Iceland during this time. See <http://www.portuguesedictionary.net/pt-en/fix.html> (Accessed 21 Jan 2010)

[4]. [see image in Sigurðsson, 1971: 59]

[5]. [see image in Sigurðsson, 1971: 66]

[6]. [see image in Sigurðsson, 1971: 70]

[7]. [See map in Potter, 1999: 14]

[8]. [see image in Sigurðsson, 1971: 56]

[9]. [see image in Potter, 1999: 34]

[10]. [see image in Sigurðsson, 1971: opp. p. 144]

[11]. ([see Map by Benedetto Bordone, 1528 in Sigurðsson, 1971: 97; and see also <http://www.columbia.edu/itc/mealac/pritchett/00maplinks/mughal/miscmaps1500s/bordone1528/bordone1528.html>]). Another place: Potter (1999: 58).

[12]. There seems to be some disagreement about Bordone's dates of birth and death. The Yale University source indicates that he was born "around 1460" and that he died in 1539. However, even elsewhere in that website, we find "1460-1531" as these dates. (http://maps.commonsworld.org/venice/test-gallery-page/bordone_benedetto/, accessed 12 Jan. 2010).

[13]. [see image in Sigurðsson, 1971: 116] See "Münster's Map of Northern North Atlantic and Scandinavia, 1540" Source: <http://www.septentrionalium.com/entry10.pdf>. Accessed 8 January 2010. Princeton University Library has a copy of the Geography with a 1540 date on the colophon, but 1541 on the title page and dedication. Sebastian Münster (Münster 1) Basel, 1540 SCHONLANDIA XIII NOVA TABVLA Woodcut, 25.5 x 34.2 cm From Geographia

universalis . . . Clavdii Ptolemaei . [Stephen Ferguson, Curator of Rare Books Tel: (609) 258-3165; Email: ferguson@princeton.edu] (Permission: Rare Books Division, Department of Rare Books and Special Collections, Princeton University Library, Princeton, N.J). There is also a 1544 map [see image in Sigurðsson, 1971: 204]

[14]. Some put his birth date at 1489 (see Hodgen, 1954).

[15]. [see image of Ziegler's map in Sigurðsson, 1971: 170]

[16]. See Münster's Wood Block Depicting Iceland, 1544 (Permission: Bókasafn Íslands – Háskókasafn) [please indicate source...]


[17]. [see image in Sigurðsson, 1971: 190]

[18]. [see image of Zeno's 1558 map in Sigurðsson, 1971: 223]

[19]. [see image in Sigurðsson, 1971: 149]

[20]. [see image in Sigurðsson, 1971: 159, top map]

Author **Will van den Hoonaard** is Chair of this Interest Group. He is a Professor Emeritus in the Department of Sociology, University of New Brunswick, Fredericton, NB.



400+

= The number of paper/poster presentations at our upcoming conference!

Unfolding Visions

You may enjoy listening to host Paul Kennedy's "Ideas" program on CBC Radio One. Part One features two CCA award winners: Lou Skoda (also our VP 1976) and Mark Monmonier (its a challenge describing value by area cartograms on the radio!). Kathleen Flaherty hosts Part Two, which "delves into the truths and lies, the politics and the power of maps".

http://www.cbc.ca/ideas/features/unfolding_visions/index.html

Thanks to Roger Wheate for this recommendation.

New Zealand Florist/Google Maps Hacker In the News

"A florist is facing a possible prison sentence after allegedly changing her competitors' details on the Google Maps website." See: <http://www.stuff.co.nz/national/crime/3149879/Florist-accused-of-hacking-rivals-details-on-Google> and <http://www.stuff.co.nz/national/3234636/Florist-apologises-to-online-victims>

Thanks to Cliff and Alberta Wood on vacation in New Zealand for this news clip.

TRIBUTE

Bernard Gutsell (1914 - 2010)

CCA Founder (1975)

Founder of Cartographica – formerly The Cartographer/
Canadian Cartographer (1965)



PHOTO CREDIT: ALBERTA WOOD

Bernard and Barbara Gutsell enjoying the CCA/ACC conference In Ottawa, 2006.

Bernard Gutsell is best known internationally as the founding editor of the journal *Cartographica*, but he was also the founder of the CCA in 1975. The motivation was two-fold to serve both as a home for the journal (then the *Canadian Cartographer*) and for the growing discipline and practice of cartography, whose interests extended beyond existing associations in geography and surveying. Having laid the foundations for the CCA, he let others maintain its annual operations, focussing on running the journal along with his wife Barbara. After he relinquished the post of editor in 1995, he continued to serve as fond mentor on the journal and history of the association. He remains a giant among post-war Canadian cartographers.

A tribute to Bernard Gutsell is posted on the *Cartographica* website [<http://www.utpjournals.com/carto/carto.htm>] along with a link to the article published in the journal: Bernard and Barbara Gutsell: A Tribute to the Heart and Soul of *Cartographica*, 1965-1994.

Editor's Note: Thanks to Roger Wheate for preparing this tribute.

Flowers and the following message
were sent to the March 10, 2010
Memorial Service for Bernard Gutsell
on behalf of our association:

*In memory of a fine man, one of our
founding members and along with
Barbara, the heart and soul of our
highly acclaimed international journal,
Cartographica.*



Notes from a Prairie Cartographer

As we say adieu to what has been for most of us a rather interesting winter season, the Canadian Cartographic Association member's thoughts turn naturally towards our annual conference in June. This year's gathering is to take place at the University of Regina, and I am eagerly awaiting this event for several reasons.

First of all, I am pleased that the four pre-eminent geo-spatial professional organizations in Canada are to meet together for the first time at the same location. Having the Canadian Cartographic Association, the Canadian Association of Geographers (CAG), the Canadian Geomorphology Research Group (CGRG) and the Canadian Remote Sensing Society (CRSS) at the same venue should offer delegates some interesting views on geo-spatial research.

Secondly, as we gather in Regina I am reminded of the role the Domin-

ion Land Survey (DLS) played in not only the initial surveying of the prairie landscape but also how that effort of a century ago still resonates with cartographers of today. If you are flying into Regina for the first time, a glance down at the landscape shows the venerable grid pattern of the prairie fields. This man-made pattern, imposed upon the native grasslands of the prairies near the turn of the 20th century, has provided cartographers with a ready-made base data set that makes such tasks as determining land area, distances, and direction fairly straightforward even without the aid of modern computing technologies. Of course, no discussion of the DLS is complete without mentioning the huge effort of Dr. Donald Thomson in documenting the history of this undertaking through his writing of *Men and Meridians: The History of Surveying and Mapping in Canada*.

A trip to Regina also has a personal significance for myself and my wife,

Diane. Although we have called Edmonton home for many years, we both were born and raised in Saskatchewan. I grew up in Regina and Diane in a small farming community north of the city. We both obtained degrees from the University of Regina and look forward to returning to a place we know very well.

I would hope that CCA members consider attending this year's conference. The presentations and events planned should be well worth a visit to the heart of the prairies.

See you in June!

Author **Gerald Stark** is Chair of this Interest Group. Gerald is a cartographer at Alberta Agriculture and Rural Development in Edmonton, Alberta.



© Department of Natural Resources Canada. All rights reserved.



School's Out for the Summer!

With the summer term approaching, follow these brief tips for students on making the most of the summer and gaining valuable experience.

On Campus Resources

First things first, arm yourself with a great resume. Take advantage of on campus career service personnel for resume reviews, cover letter writing strategies and interview pointers. This will help in creating a more marketable you for that perfect job.

Job Opportunities

Until that infamous money tree is unearthed, students can participate in summer programs such as those offered by the government at the federal, provincial, and municipal levels. Summer employment programs are geared towards gaining experience in the industry. During my undergraduate years I had the opportunity of taking part in one of these programs, marking the beginning of my real-world work experience with field research, digital mapping, and educational program delivery, relating directly to my current research topic.

On Campus Opportunities

Additional opportunities may be found on university campuses with the spring

and summer kick-starting the typical field research seasons. Contact professors within your department to learn more about research assistant positions with graduate students and professors.

Networking and Professional Development

Conferences, such as the upcoming June conference, provide great networking opportunities and exposure to current cartographic research. At last year's conference in conjunction with the Geomatics Association of Nova Scotia (GANS) and the Association of Canadian Map Libraries and Archives (ACMLA) participants were also offered training through various workshops. Students submit poster presentations and abstracts discussing their research, which allows for feedback and networking with professionals in the industry. Participants are also able to apply for funding to help offset the costs of travel and accommodation.

Get Outdoors

Lastly, get outside and enjoy the nice weather. Summer is the perfect time to try out that new gadget such as the relatively new digital cameras with

integrated GPS capabilities. So, grab that new gadget, GPS unit or compass and head outdoors. Walk the trails, practice your orienteering skills in time for the conference, enjoy the scenery and simply have fun!

For more information on government programs check your local municipal and provincial government websites, or the following links:

Ontario Summer Experience Program Job Listings

<http://www.gojobs.gov.on.ca/SearchSEP.aspx>

(Similar programs available in other provinces)

Federal Government Youth Program

<http://www.youth.gc.ca>

Federal Government Student Job Postings

<http://www.jobbank.gc.ca/?>

Author **Christine Homuth** is the Student Representative on our Executive. She is in her 2nd year of the Master of Arts program at Carleton University.

Are you a cartography student?

★ You could **win** ★

President's Prize

For excellence in student design and production of a quantitative thematic map

\$200 prize for the best map by a college/CEGEP student

\$200 prize for the best map by a university undergraduate

National Student Award for Online Mapping

For excellence in student design of animated or interactive online maps depicting an aspect of Canadian geography

\$700 prize for the best animated map

\$900 prize for the best interactive map



Best Student Paper

For the best paper authored and presented by a student at our annual conference

\$100 prize

Norman Nicholson Memorial Scholarship

To recognize exceptional ability and achievement in cartography in a student pursuing studies in cartography

\$500 scholarship

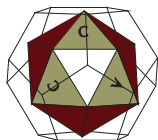
Carto-Québec Prize

For the best student-designed map created in French

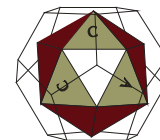
\$500 prize for the best map by a college/CEGEP student

\$500 prize for the best map by a university undergraduate

Visit our website for details and entry forms



www.cca-acc.org



The CCA sponsors a variety of prizes for exceptional student cartography. Best known is the President's Prize for thematic mapmaking by college and university students. The yearly President's Prize competition field is always a pleasure to view and judge at the annual conference.

Beginning last year the CCA and Natural Resources Canada began

offering awards for student animated and interactive web cartography. With generous awards of \$700 (best animated map) and \$900 (best interactive map) available, this competition promises to become more and more exciting.

Less known are the Best Student Paper prize, the Norman Nicholson Memorial Scholarship, and the Carto-

Quebec Prize. Details of these prizes, the President's Prize, and the National Student Awards for Online Mapping are available on the CCA website at <http://www.cca-acc.org/awards.asp>. Deadlines are fast approaching so if you are a student - fix up that map! If you are an instructor, encourage your students to submit their best efforts.

Editor's Note: Thanks to Dawn Mooney, Chair of Cartographic Education Interest Group, for preparing this notice.

Announcements

Four Upcoming Executive Appointments



1. Vice-President: Gerald Stark

Gerald has been a practicing cartographer for over 30 years. Gerald and his wife Diane reside in Edmonton. Since 1989, he has held the position of cartographer with Alberta Agriculture and Rural Development. Previously to that he worked for Alberta Power, Travel Alberta and on the Junior Atlas of Alberta project at the University of Alberta. Gerald's formal education includes a B.A. in Geography/Cartography from the University of Regina ('75) and he worked on his Master's degree from 1976 – 1980 at the University of Alberta where he taught a cartographic lab course to undergraduate students. His involvement with the CCA dates from 1999 and since 2008 he has served as Chair of the Map Use and Design Special Interest Group of the CCA/ACC. Gerald has had a life-long passion for anything to do with mapping. He will bring such enthusiasm to his new role within the CCA/ACC Executive team as your new Vice-President.



2. Secretary: Elise Pietroniro

Elise Pietroniro is a GIS analyst and information technology specialist who has been a CCA/ACC member for over 10 years. Elise worked on the executive for the CCA/ACC as Chair for the Map Use and Design special interest group from 2006 to 2008. She rejoins the executive as Secretary for the next two years. She received a BFA in Interdisciplinary Studies and a BA in Geography from Concordia University in Montreal. She earned her Diploma in Digital Mapping Technology at the College of Geographic Sciences, in Lawrencetown, Nova Scotia, and completed her MSc in Geography at the University of Saskatchewan where she was also employed as a cartographer for the Atlas of Saskatchewan Project, Millennium Edition, and subsequently as cartographic coordinator for the production of the CD-ROM Edition among a variety of other research projects on campus. She worked at the University of Saskatchewan until 2009 where she helped in the initial management and development of the GIS administrative unit (GIServices), and was responsible for on campus GIS training to staff, faculty and students. Elise also worked as a sessional lecturer in the Geography department and in the department of Civil Engineering. She is currently working as an analyst with Statistics Canada's Geography Division in Ottawa and continues to work with various researchers as an independent GIS and mapping consultant.



3. Map Use and Design Interest Group Chair: Julia Siemer

Julia is currently an Assistant Professor in the Department of Geography at the University of Regina. Prior to this position she was the map editor and chief cartographer of the GIS-based Demographic Atlas of Albania, a first volume of the National Atlas of Albania. She has also held positions as cartographer in publishing houses in Germany and Switzerland and has taught cartography, GIS and geography courses at University of Potsdam, University of Applied Sciences Berlin, Germany, and the University of Regina.

Her current research interests lie in the field of thematic and atlas cartography in general, and medical/health mapping, population mapping, and visualization of topographic base data for use in flood control in particular.

Her education comprises a three-year apprenticeship as cartographer at Falk-Verlag publishing house, Hamburg, a Dipl.-Ing. in cartography from University of Applied Sciences Karlsruhe and a Dr. rer. nat. in cartography from University of Potsdam, Germany.



4. History of Cartography Interest Group Chair: Ken Favrholt

Kenneth C. Favrholt is a Sessional Lecturer at Thompsons River University in Kamloops, B.C. where he has taught human geography since the early '90s. Formerly he was museum curator of the Kamloops Museum and Archives and also the Secwepemc Museum and Heritage Park. He has also worked as a historical consultant for many First Nations organizations. His academic background includes a B.A. and M.A. in Geography (UBC) and coursework in Natural Resources and Environmental Studies (UNBC). Ken specializes in the regional geography of B.C and Yukon. His long-time interests include the fur trade era, historic trails, and Kamloops history.

Ken has been a member of the CCA/ACC since 2008 when he presented a paper, "The 1858 Gold Rush Routes in Maps, from Washington to the Thompson and Fraser Rivers," at the CARTO 2008 conference. He strongly believes we can learn much from an appreciation and use of historical maps. As the History of Cartography interest group chair he would like to infuse more historical content in the Association's publications.

Welcome New Members

Chris Brackley

Anne Krahnen

Jakub Sisak

Angi Goodkey

Meghan Miller

Kirsten Trede

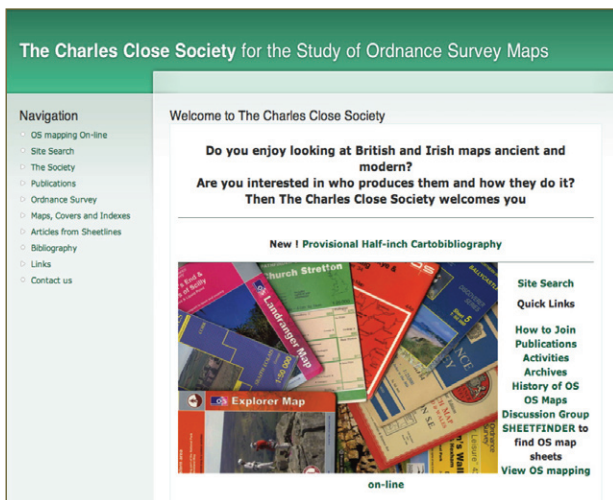
Notice to All Cartouche Recipients

This is the last issue you will receive if you have not yet renewed your membership!

If unsure of your status, please contact our Secretary, Alberta Auringer Wood, via email at awood@mun.ca.

All Members

The Inside Scoop: Members' Key Resources

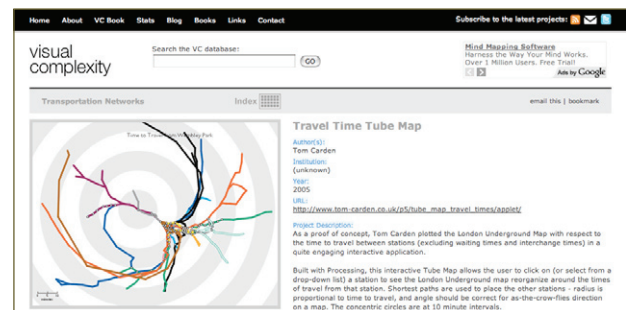


www.charlesclosesociety.org/

"The Ordnance Survey are probably the only government department with a society dedicated to studying it, its history and its products. The CCS is a somewhat eclectic society, with a mixture of historians of mapping, map librarians, past OS employees, map dealers, and a significant lay membership interested in collecting maps."

The society is very active, publishing the highly readable 'Sheetlines' quarterly and several books on topics relating to OS mapping."

Contributor: **David Forrest** is a Senior Lecturer in the Department of Geographical & Earth Sciences, University of Glasgow, Glasgow.



www.visualcomplexity.com/vc/index.cfm?domain=Transportation

"Another gem I just came across. Much more gee whiz - not all maps but some interesting ideas. A search on 'tube map' gives a link to an interesting interactive map of travel time from stations on the London Underground."

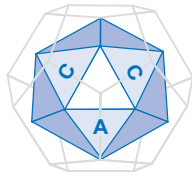
Contributor: **David Forrest** is a Senior Lecturer in the Department of Geographical & Earth Sciences, University of Glasgow, Glasgow.

The Inside Scoop: Members' Key Resources is edited by **Patricia Connor**, Cartouche Editor and Director of Cartographic Services, Geography Department, University of Western Ontario. Send submissions to cartouche@cca-acc.org.



70 million years⁽¹⁾ and 'Scotty'⁽²⁾

= ⁽¹⁾Years of history exposed at the cretaceous cliffs, and ⁽²⁾the largest complete tyrannosaurus rex skeleton found there – all part of the post-conference Palliser Triangle Excursion: Where the Deer and the Antelope Play.



Quarterly Newsletter of the
Canadian Cartographic Association/Association canadienne de cartographie
www.cca-acc.org

**CCA Executive /
Exécutif de l'ACC**

President / Présidente

Daniel G. Cole
Smithsonian Institution
IT Office, MRC 136
P.O. Box 37012
Washington, D.C., USA 20013
Email: president@cca-acc.org

Vice-President / Vice Présidente

Donna Williams
Natural Resources Canada,
Atlas of Canada, 615 Booth St.
Ottawa, Ontario K1A 0E9
Email: vicepresident@cca-acc.org

Past-President / Présidente-sortante

Clifford Wood
66 Meredith Dr.
P.O. Box 225
Ilderton, ON N0M 2A0
Email: pastpresident@cca-acc.org

Secretary / Secrétaire

Alberta Auringer Wood
66 Meredith Dr.
P.O. Box 225
Ilderton, ON N0M 2A0
Email: secretary@cca-acc.org

Treasurer / Trésorier

Paul Heersink,
39 Wakes Avenue
Markham, ON L3P 2C4
Email: treasurer@cca-acc.org

**Interest Group Chairs /
Présidents des groupes d'intérêt**

**Analytical Cartography and GIS /
Cartographie analytique et SIG**

Fiona Ryle
AbitibiBowater, Fort Frances Division
145 Third St. W., Fort Frances, ON
P9A 3N2
Email: fiona.ryle@abitibibowater.com

**Cartographic Education /
Éducation cartographique**

Dawn Mooney
UBC Center for Health Sciences and Policy
Research
#201-2206 East Mall
Vancouver, B.C. V8V 3R4
Email: dmooney@chspr.ubc.ca

**Map Use and Design /
Conception et utilisation des cartes**

Gerald Stark
Alberta Agric. and Rural Development
#206, 7000 113 Street,
Edmonton, Alberta T6H 5T6
Email: gerald.stark@gov.ab.ca

**Map Production Technology /
Technologie de production
cartographique**

Paul Wozniak
Geospatial Data Specialist
Geological Survey of Canada
3303 - 33 Street N.W.
Calgary, AB, Canada T2L 2A7
Email: pwozniak@NRCan.gc.ca

**History of Cartography /
Histoire de la cartographie**

Will C. van den Hoonaard
Department of Sociology
University of New Brunswick
POB 4400, Fredericton, NB E3B 5A3
Email: will@unb.ca

**Appointees / les personnes
nommées**

**Membership Coordinator /
Coordonnateur des adhésions**

Penny Hutton
Email: membershipcoord@cca-acc.org

**Cartographica (submissions /
proposition d'articles)**

Jeremy W. Crampton
Department of Geosciences
PO Box 4105
Georgia State University
Atlanta, Ga. USA 30302-4105
Email: jcrampton@gsu.edu

CNC Chair/Présidente CNC

Janet Mersey
University of Guelph
Department of Geography
Guelph, ON N1G 2W1
Email: jmersey@uoguelph.ca

**CCA Representative on the CNC/
Déléguee de l'ACC au Comité national
canadien**

Roger Wheate
Faculty of Natural Resources
University of Northern British Columbia
Prince George, B.C. V2N 4Z9
Email: wheate@unbc.ca

Cartouche Editor

Patricia Connor
Cartographic Section
Geography Dept., SSC, Western
London, ON N6A 5C2
Email: cartouche@cca-acc.org

Co-ordinator, National Map Exhibit

Dan Duda
Queen Elizabeth II Library
Memorial University of Newfoundland
St. John's, NL A1B 3Y1
Email: dduda@mun.ca

**Barbara Petchenik International
Children's Map Competition**

Karen VanKerkerle
Cartographic Section
Geography Dept., SSC, Western
London, ON N6A 5C2
Email: kvanker@uwo.ca

Student Representative

Christine Homuth
2-178 Holmwood Ave.
Ottawa, ON K1S 2P4
Email: studentrep@cca-acc.org

ISSN 1183-2045