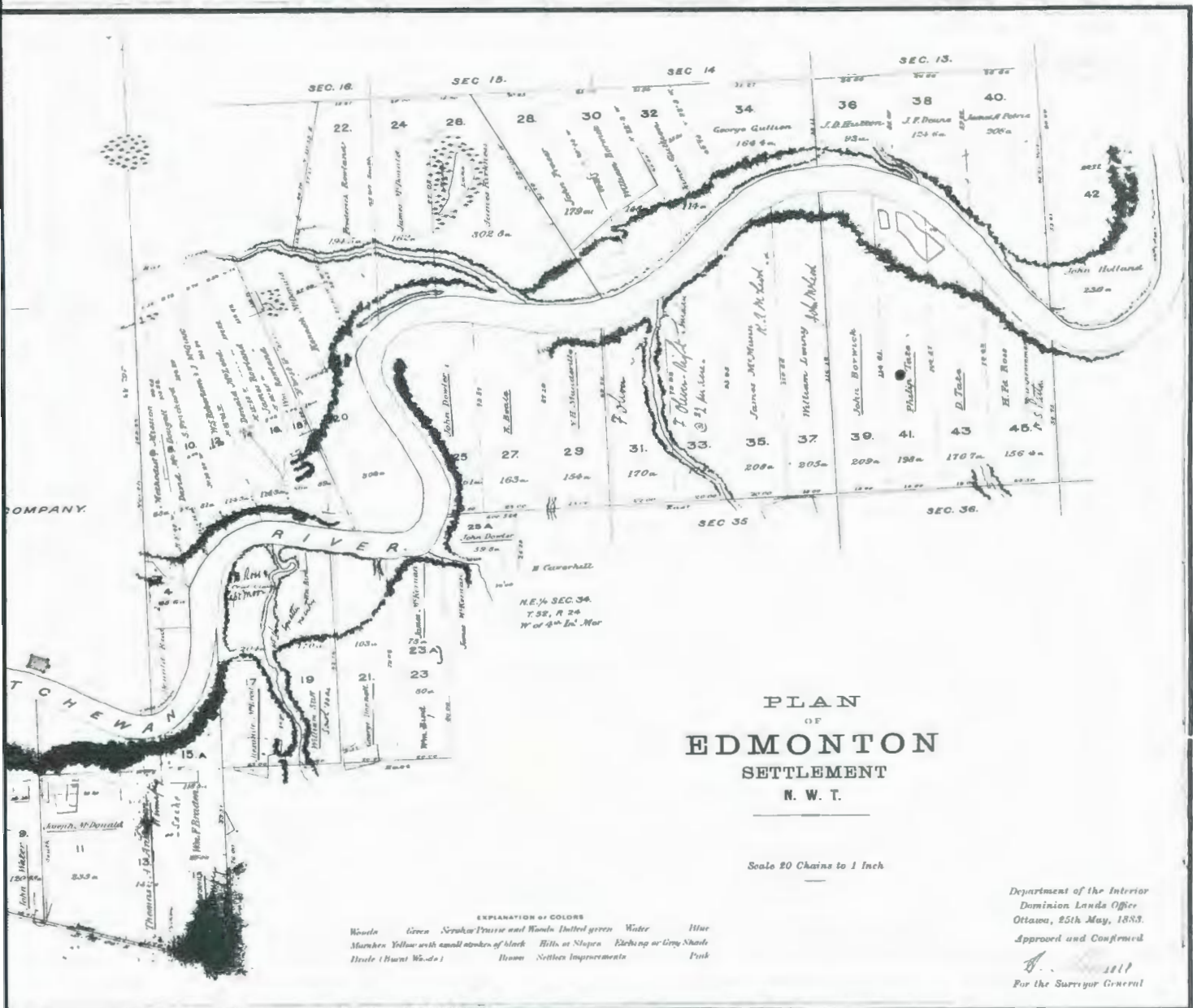


BULLETIN

ASSOCIATION DES CARTOTHÈQUES CANADIENNES



ASSOCIATION OF CANADIAN MAP LIBRARIES

MEMBERSHIP in the Association of Canadian Map Libraries is open to both individuals and institutions having an interest in maps and the aims and objectives of the Association. Membership dues are for the calendar year and are as follows:

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OFFICERS of the Association for 1987/88 are:

President	Lou Sebert	(613)225-3126
	1119 Agincourt Rd. Ottawa, Ontario K2C 1T5	
1st Vice-President	Cheryl Woods	(519)661-3424
	Map Library Department of Geography University of Western Ontario London, Ontario N6A 5C2	Telex:064-7134
2nd Vice-President	Brenton MacLeod	(902)436-2107
	Surveys & Mapping Division Land Registration and Information Service 120 Water Street Summerside, P.E.I. C1N 1A9	
Secretary	Kathleen Wyman	(416)736-2100
	Map Library, Room 115 Scott Library York University North York, Ontario M3J 1P3	Ext. 3353
Treasurer	Velma Parker	(613)996-7611
	Cartographic and Architectural Archives Division National Archives of Canada 395 Wellington Street Ottawa, Canada K1A 0N3	
Past President	Robert Batchelder	(519)663-5226
	435 Platt's Lane London, Ontario N6G 2H1	
Publications officer	Nora Murchison	(613)995-1077
	Cartographic and Architectural Archives Division National Archives of Canada 395 Wellington Street Ottawa, Canada K1A 0N3	

ACML MAILING ADDRESS

Association of Canadian Map Libraries
c/o Cartographic and Architectural Archives Division
National Archives of Canada
395 Wellington Street
Ottawa, Canada K1A 0N3

Views expressed in the *Bulletin* are those of the contributors and do not necessarily reflect the views of the Association.

ACML OBJECTIVES

1. To promote interest and knowledge of its members;
2. To further the professional knowledge of its members;
3. To encourage high standards in every phase of the organization, administration and development of map libraries.

ASSOCIATION DES CARTOTHÈQUES CANADIENNES

Peuvent devenir MEMBRES de l'Association des cartothèques canadiennes tout individu et toute institution qui s'intéressent aux cartes ainsi qu'aux objectifs de l'Association. La cotisation annuelle est la suivante.

Membres actifs (cartothécaires canadiens à plein temps).....	\$25.00
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Le *Bulletin*, journal officiel de l'Association, est publié trimestriellement.

Les MEMBRES DU BUREAU de l'Association, pour l'année 1987/88 sont:

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	1119 Agincourt Rd. Ottawa, Ontario K2C 1T5	
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Secrétaire	Kathleen Wyman	(416)736-2100
	Map Library, Room 115 Scott Library York University North York, Ontario M3J 1P3	Ext. 3353
Trésorier	Velma Parker	(613)996-7611
	Division des archives cartographiques et architecturales Archives nationales du Canada 395 Wellington Street Ottawa, Canada K1A 0N3	
Président sortant	Robert Batchelder	(519)663-5226
	435 Platt's Lane London, Ontario N6G 2H1	
Officier de Publications	Nora Murchison	(613)995-1077
	Division des archives cartographiques et architecturales Archives nationales du Canada 395 Wellington Street Ottawa, Canada K1A 0N3	

ACC ADRESSE D'AFFAIRES

Association des cartothèques canadiennes
a/s Division des archives cartographiques et architecturales
Archives nationales du Canada
395, rue Wellington
Ottawa, Canada K1A 0N3

Les opinions exprimés dans le *Bulletin* sont celles des collaborateurs et ne correspondent pas nécessairement à celles de l'Association.

ACC OBJECTIFS

1. Susciter l'intérêt pour les cartes et développer la connaissance de la documentation cartographique.
2. Accroître les connaissances professionnelles de ses membres.
3. Préconiser l'adoption de normes élevées dans toutes les étapes de l'organisation, l'administration et le développement des collections de cartes.

ACML BULLETIN

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JUNE 1987

CONTENTS / MATIÈRES

Bulletin Staff / Collaborateurs

EDITOR

Lorraine Dubreuil, Map & Air Photo Library,
McGill University, 805 Sherbrooke St. West,
Montreal, Quebec, H3A 2K6 Tel: 514/398-
4937; ENVOY PEB.QMME

ASSOCIATE EDITOR

Louise Johnston, R.R. 7, Lachute, Quebec
Tel: 514/562-2594

FEATURES

New Books and Atlases: Barbara Farrell,
Map Library, Carleton University, Colonel
By Drive, Ottawa, Ontario K2S 5B6 Tel:
613/564-4392; TELEX 0534232

Reviews: Jeffrey Murray, Cartographic and
Architectural Archives Division, National
Archives of Canada, 395 Wellington Street,
Ottawa, Ontario K1A 0N3 Tel:613/996-
7637

Recent Cataloguing Records: Renée Schle-
ussing, Bibliographic Services, MacKimmie
Library, University of Calgary, Calgary,
Alberta, T2N 1N4 Tel: 403/220-5959;
ENVOY ILL.ACU

Conservation: Carol Marley, Map Collec-
tion, Dept. of Rare Books & Special Collec-
tions, McLennan Library, McGill University,
3459 McTavish Street, Montreal, Quebec
H3A 1Y1 Tel: 514/398-4707

Regional News: Margaret Hutchison, Maps
& Architectural Drawings, Saskatchewan
Archives Board, University of Regina, Re-
gina, Saskatchewan S4S 0A2 Tel: 306/787-
3867

From the editor's desk -----ii
Correction to *ACML Bulletin* 62 -----ii

ARTICLES

Manuscript maps from the Earl of Dalhousie's Library located
at Dalhousie and Acadia Universities, in the Nova Scotia Museum
and in the National Archives of Canada/ W.K. Morrison ----- 1

FEATURES

New Books and Atlases / Barbara Farrell ----- 12

Reviews / Jeffrey Murray ----- 15

Canada in Motion: Maps of the Nation's Transportation Routes/

Thomas R. McIlwraith

The Facts on File Dictionary of Human Geography/

Frederick M. Helleiner

Nova Scotia Resource Atlas/ Susan Greaves

Map Librarianship: an Introduction/ Bob Batchelder

Mon atlas de sciences humaines, Atlas de jeunes québécois,

Atlas régional du Québec et du Canada/ Pierre Lépine

USSR Energy Atlas/ Richard H. Pinnell

Book Notes / Jeffrey Murray ----- 20

International Directory of Library, Archives and Information

Science Associations/ Lorraine Dubreuil

Nova Scotia Agroclimatic Atlas & The Climate for

Agriculture in Atlantic Canada/ Susan Greaves

Recent Cataloguing Records / Renée Schleussing ----- 21

Regional News / Margaret Hutchison ----- 29

Conservation / Carol Marley ----- 33

ACML Map Users' Advisory Committee Meeting,
April 10, 1987 / Barbara Farrell ----- 35

The Bulletin Board ----- 42

ACML Membership List 1987 ----- 44

COVER: *Plan of Edmonton Settlement N.W.T.* M. Deane. [Ottawa]: Dominion Lands Office, 1883. This map, the original of which is in the Glenbow-Alberta Institute, Calgary, has been reproduced as ACML Facsimile Map Series No. 123 (ISSN 0827-8024).

COUVERTURE: *Plan of Edmonton Settlement N.W.T.* M. Deane. [Ottawa]: Bureau des Terres fédérales, 1883. Cette cartes, dont l'originale se trouve au Glenbow-Alberta Institute, Calgary, a été reproduite dans la Série de cartes fac-similé de l'ACC no. 123 (ISSN 0827-8024).

From the editor's desk...

I am sure that you have all realized by now that although there are fewer pages in this issue (and the last one too), the manuscript looked the same as previous issues until it was typeset. This process reduces, or condenses, the amount of text to about half of the original number of pages produced when using a typewriter. This is one way to give our *ACML Bulletin* a more professional appearance, and reduce printing and postage costs.

The feature article came to me from Walter Morrison, via Ed Dahl. Ed also prepared Part IV of this article so that we could complete the inventory of manuscript maps from the Earl of Dalhousie's Library, as known to exist in Canadian collections today. Barbara Farrell has started a new column, *New Books and Atlases* in this issue. I am hoping that this will become a regular feature. Please send to her any items which you would like to see included. Jeffrey Murray has continued to supply the *Review* column, with the addition of the shorter *Book Notes*. Renée Schleussing has continued to supply *Recent Cataloguing Records*, but tells me that she would be very pleased if more libraries would send her copies of their records. Carol Marley is continuing with the feature *Save it!*, and Margaret Hutchison is continuing with the feature

Regional News. Since we all enjoy reading about activities and projects in other collections, it's a pleasure to receive so much *Regional News* from across the country.

The Map Users' Advisory Committee Meeting makes for some very interesting reading. The activities of this committee will be worth watching over the next few years. The *ACML Membership List 1987* has been included in this issue. This list has not appeared since 1985. If you have any corrections or changes to this list, please contact Norma Mousaw at the Cartographic and Architectural Archives Division of the National Archives of Canada.

I have listed the people who contributed to this issue at the front with their addresses and telephone numbers. I would like to thank Ed Dahl for his help, and Louise Johnston in particular. Please keep sending in material to us, as we can not produce an issue without your contributions. The responsibility for all errors or omissions remain mine.

Lorraine Dubreuil
Editor.

Correction to *ACML Bulletin* 62, page 18.

THE PORCUPINE MAP

The last paragraph in this article should read as follows:

The last engraving needs less explanation. "The Ensign of Nova Scotia" is easily recognized as similar to the present-day coat of arms of our province except

this is the version used by the Colony up to Confederation when it was changed by Victorian designers to three thistles and a salmon (looking more like a codfish). Originally, the design was based on the arms of Sir William Alexander, Earl of Stirling, first proprietor of the region he called, "New Scotland".

Manuscript maps from the Earl of Dalhousie's Library located at Dalhousie and Acadia Universities, in the Nova Scotia Museum, and in the National Archives of Canada

Compiled by Walter K. Morrison,
Cartographer Emeritus, College of Geographic Sciences,
Lawrencetown, Nova Scotia.

William Inglis Morse, retired clergyman and philanthropist, was born in Paradise, Nova Scotia and delighted in contributing many unique historical works to the institutions of his native province. Among the many items so donated are a magnificent set of drawings and plans gathered by the Earl of Dalhousie while he was Lieutenant Governor of Nova Scotia and Governor General of Canada, 1816 - 1828. Unfortunately, the collection was split up partly between Acadia and Dalhousie Universities and partly to unknown destinations, so a complete, detailed description is not possible yet. This is an attempt to bring together what is known about the maps of the Collection and their whereabouts now.

A paragraph in the *The Connoisseur*, Sept. 1931, reads:

Water-colour drawings, plans, etc., collected by George, 9th Earl of Dalhousie, Governor of Nova Scotia, 1816-19, [sic] and of Canada, 1819-1828, were sold at Sotheby's on June 23rd, by order of his great-grand-daughter, Mrs. Broun Lindsay. A series of twenty-four early 19th-century Canadian views, by unknown artists, sold in eight separate lots, brought a total of £175; a volume of forty coloured plans and water-colour drawings of Havannah, Quebec, Shelburne, Halifax, etc., by various named artists, £470; a collection of sixteen water-colour drawings of Quebec and district, by "J.C.", mostly 12-1/2 x 20-3/4 in., £400; a series of fifty-two sepia drawings of scenes in Nova Scotia in 1818, by L.E. Woodford, [sic - J.E. Woolford], £145; and seventeen water-colour drawings, also of Nova Scotia, c. 1817, sold in twelve separate lots, made a total of £121.

Another lot was sold at Sotheby's in 1934 so Dr. Morse writes in *Catalogue of the William Inglis Morse Collection Dalhousie University*, p.108. "... the last fragments of the Collection of George, 9th

Earl of Dalhousie." (A rather presumptuous statement considering the wealth of material from the same source just recently gathered by Mrs. Marie Elwood of the Nova Scotia Museum.)

Not all the maps acquired from the Earl of Dalhousie's library by William Inglis Morse are to be found in the Acadia and Dalhousie University collections, for instance, in his *Chronicle No. 226*, November 1937, (p.44-5) are two other Pooley works: *A Plan of part of the Township of Yarmouth* and *View of the Ground and Lakes above Yarmouth*. In *Chronicle No. 234*, November 1941, page 16 has, "WIM COLLECTION/ Paradise, N.S.-1941/ *Maps, Pictures and Other Miscellanies*". Included in the list are:

"14. Annapolis Royal and River - Redoubts and block house, etc., by H. Perley, [sic.] Lieut. Roy. Engineer, 1821. MS".

"15. Map of New Brunswick. MS. Drawn by H. Perley, Lieut. Roy. Engineer".

"16. Map of Nova Scotia. MS. Drawn by H. Perley, Lieut. Roy. Engineer, 1821."

In Morse's, *The Land of the New Adventure* where he lists all the maps and views in the volume given to Acadia, John G. Toler, the drafter of the map of Cape Breton, is listed as "John G. Taylor". Perley is so suspiciously close to Pooley that it's possible another slip of the pen may have been committed. It's not possible to check this because none of these maps are listed in the collections with which Morse was associated. All may have been kept in the family or misplaced. Of course, there is no evidence that these were from the Earl of Dalhousie's library, either. *Maps and Plans in the Public Record Office*, Vol. 2 *America and West Indies*, contains an entry, 1102, "General Map of the Province of Nova Scotia", and nine smaller maps which correspond to some of those from the Earl of Dalhousie's Collection. Which are the originals and which the copies is problematical.

PART I:

Morse Collection, Special Collections, Killam Library, Dalhousie University, Halifax, N.S., (accession numbers as shown on maps.)

The maps in this collection are mounted on thick binder's board, therefore no descriptions of paper or watermarks could be attempted. All are signed, "H. Pooley Lieu' R. Engineers." and in ink, "W.I.M. Coll. / "Earl of Dalhousie" / "1821".

53. [MILFORD HAVEN RIVER] (Guysborough), [BAY OF CHEDABUCTO] 1:30 658

No border, mounted on binder's board, relief in gray wash, water outlined in blue, roads yellow. 30.0 x 44.0 cm. on board 40.2 x 49.8 cm. Bar scale 6.2 inches = 3 miles (statute), north oriented ENE.

54. [LIVERPOOL HARBOUR], (White Point to Broad Cove - up the Mersey River [not named] to "Falls".) 1:28 800

Wharfs and buildings drawn but not named in town. 34.5 x 40.0 mounted on binder's board, 41.0 x 50.5 cm. Upper right corner affecting 1/3 of map darkened by exposure. Bar scale 6.6 inches = 3 miles (statute)

55. [LUNENBURG HARB'] (harbour and vicinity) 1:38 400

Has compass rose. "Kingsburgs Farm" south of Rose Bay has "Alarm Gun", near a point called "Rose Head". 41.5 x 30.0 mounted on binder's board, 50.0 x 44.0 cm. Bar scale 4.95 inches = 3 miles (statute)

56. [PICTOU HARBOUR] (Pictou harbour with three rivers, Cariboo Harbour.) 1:29 700

North is about N60East with the long dimension at bottom. Pictou has streets, buildings and fort with rays of coverage. 36.0 x 45.0 mounted on binder's board, 41.0 x 50.5 cm. Bar scale 6.4 inches = 3 miles (statute)

57. [CAPE FORCHU HARBOUR] (Yarmouth and vicinity.) 1:23 386

Chebogue River to the first lake above head of

harbour. Bar scale appears to have been originally drawn as the extension to a longer scale which was erased so as not to interfere with the road to Chebogue Point. No borders. 50.4 x 40.5 mounted on binder's board, 50.8 x 40.5 cm. Bar scale 5.08 inches = 150 chains. Oriented north to top.

58. [ANNAPOLIS RIVER], (from the River south to the intersection of the present routes 1A and 8.) 1:4 468.

Boundaries/fences dotted in town, buildings appear to be carefully located, including outbuildings, only one named: "Gallagher" near the fort wharf. On other side of the river only feature is road paralleling river with three bridges shown. Orchards symbolized.

Locations for proposed redoubts have note: "Number 1 is placed on the exercising ground which is somewhat above the fort but the situation F is still more commanding & looks across the cape of land battery."

There is only one building shown on the west side of (St. George) street, south of the fort, (J. How house?) about 1270 feet from nearest embankment of the fort. 63.0 x 42.0 cm. mounted on binder's board of same size. Bar scale 3.76 inches = 1400 feet.

74. PLAN/ OF THE/ TOWN OF HALIFAX &/ Including the North and South Suburbs/ founded under the Auspices of the/ EARL of HALIFAX/ in/ 1749/ Scale/ [bar scale of 1100 feet = 5.36 in.]

Signed in lower right corner: John G. Toler Draftsman 1817. Similar to the anonymous map lithographed by Pendleton's Lithography. Boston (1835). Oriented: North, S80E. 69.2 x 122.6 cm. Contains public buildings, subdivisions of blocks and wharfs. 1:2 463

PART II:

Morse Collection, Kirkconnell Room, Vaughan Library, Acadia University, Wolfville, N.S.

No catalogue numbers available, there is, however, a sheet which served as the index to the bound volume of maps and views, and these numbers are used in this compilation. Maps not from this listing have been inserted in an appropriate geographical position and given an additional lower case letter suffix.

INDEX

Plans and Drawings.

No.		Page
1_	<i>Plan of the HAVANNAH.</i>	1
2_	<i>Plan of the BERMUDAS</i>	2
3_	<i>Plan of the Island of CAPE BRETON</i>	3
4_	<i>Plan of the Harbour of Louisbourg -----)</i>	4
5_	<i>Plan of the Fortifications of Louisbourg --)</i>	5
6_	<i>Plan of PRINCE EDWARD'S ISLAND</i>	6
7_	<i>Plan of HALIFAX HARBOUR</i>	7
8_	<i>View of Lunenburg & head of the Harbour)</i>	8
9_	<i>View from the head of Lunenburg Harbour)</i>	9
10_	<i>Plan of Liverpool Harbour -----)</i>	10
11_	<i>View of Liverpool & the Harbour -----)</i>	11
12_	<i>Plan of Shelburne Harbour -----)</i>	12
13_	<i>View of Shelburne harbour from the head of It -----)</i>	13
14_	<i>View of Shelburne from the barracks -----)</i>	14
15_	<i>View of Yarmouth town & harbour -----)</i>	15
16_	<i>View of the Lakes & country above Yarmouth -----)</i>	16
17_	<i>View of Annapolis</i>	17
18_	<i>Plan of Parsborough & Partridge Island -)</i>	18
19_	<i>View of Parsborough &c. -----)</i>	19
20_	<i>View of Windsor -----)</i>	20
21_	<i>View of St. John N.B. -----)</i>	21
22_	<i>Front view of Fredericton -----)</i>	22
23_	<i>Back view of Fredericton -----)</i>	23
24_	<i>View from the Keswick ridge -----)</i>	24
25_	<i>View of part of the French village -----)</i>	25
26_	<i>Plan of Pictou harbour</i>	26
27_	<i>Plan of Milford Haven harbour</i>	27
28_	<i>Plan of Country harbour (Blank space of nine lines)</i>	28
29_	<i>Plan of the Citadel of Quebec -----)</i>	29
30_	<i>Plan of Wolfe's Cove -----)</i>	30
31_	<i>Plan of the Island of St. Helen.</i>	31
32_	<i>Plan of the Fort at Isle aux Noix</i>	32
33_	<i>Plan of YORK U.C.</i>	33
34_	<i>Plan of Niagara from Fort George to Queenstown heights.</i>	34

(N.B. The views are watercolours by H. Pooley.)

Morse Collection label reads:

FROM THE LIBRARY OF GEORGE,
9TH EARL OF DALHOUSIE,
GOVERNOR OF NOVA SCOTIA,
1816-1819, AND OF CANADA, 1819-1828.
WM. INGLIS MORSE COLLECTION

1 PLAN /of the/ Town and Harbour/ of/ HA-
VANNAH/ -one mile-/ [bar scale, 1 mile = 5.01
inches]/ 1:12 647.

39.8 x 50.8 cm. within neatlines, 44.9 x 56.0 to
outside the double border. Cliffs in gray wash, city
blocks in bas-relief, relief in wash around coasts and
principal fortifications, detail in black fine ink line.
Wove paper, no watermark. 7-line border. No credit
line.

2 A SURVEY/ of the/ ISLANDS OF BER-
MUDA/ by/ Capt^r Henry Durnford Royal Engi-
neer/ assisted by/ M^r Henry Lauzun Draughtsman/
1793/ Scale of Miles/ [bar scale 160 chains on top, 2
miles on the bottom]/ Corrected from a plan of Gen^l
Hodgson's in 1811/. 1:32 500.

Signed, lower right corner: "Reduced copy I E W".
4 point compass rose, north pointing NNE. Black
shoreline with dark blue band in water, sepia, single-
line roads, sepia lettering, shows vegetation, fields,
buildings and sand flats. Fully coloured, finely de-
tailed piece of work. 3-line border. 30.2 x 77.8 cm. on
unwatermarked, wove paper, 32.2 x 79.7. Morse
Collection label pasted in lower left corner. (Since I
and J were frequently interchanged, "IE W" may mean
John Elliot Woolford.)

3 ISLAND/ OF/ CAPE BRETON/ (1:266 779)

Signed: "John G. Toler Draughtsman Roy^l Eng.
Dept./ 1819", all in lower right corner. Divided into
counties: "Don/ Albany/ Tweeddale/ Ainslie/ Gray/
Dalhousie/ Queensberry/ Lennox/ Buccleuch/ Moray/
Huntly/ Bathurst/ and Frederic/"

Reference: County line symbol plus four lines of
colour-coded line for settlements of English, Scotch,
Irish and French. Bar scale of 20 miles = 4.75 inches,
elaborate compass rose with north pointing NNW,
shorelines have a vignettted blue in the water. 78.1 x



3 : ISLAND/ OF/ CAPE BRETON

54.5 on wove paper, 80.8 x 56.5 cm., watermarked "J WHATMAN/ 1813". Shows trails, settlement and ethnic areas. Morse Collection label pasted over neat-line, lower left.

4 **PLAN/ of the CITY and HARBOUR of/ LOUISBURGH/ the French Batteries/ with the position and approach of the/ BRITISH TROOPS/ during the Siege in/ 1758/ References/ A. British Lines on their different points of land*/ B. Encampment of the British Troops dur* y* Siege/ C. Battery erected by the French to oppose the British landing/ 1.2.3. Points from which Views were taken during the (Summer) of 1818/ 1:21 551.**

6-line border, bar scale of two miles = 5.88 inches. Morse Collection label pasted between inner and outer borders, covering both. No credit line. Exact copy of the general map on the Thos. Jefferys map of 1758. 32.1 x 47.3 cm. on paper 32.5 x 47.8 cm. No watermark. Views numbered 1-3 are in red and located:

No. 1 in forecourt of King's Bastion.

No. 2 on "Green Hill".

No. 3 in centre of "French R^l Batt".

5 **-A PLAN-/ of the/ CITY and FORTIFICATION/ of/ -LOUISBURG- [sic] / by Richard Gridley Lieut' Col. of the Train of/ Artillery in/ -1745-/ Scale of Feet/ [bar scale of 1000 feet = 3.40 inches]/ . 1:3 529**

Copy of the town portion of Thos. Jefferys' map of Louisburg, 1758. Credit: "Copy: IEW", simple north arrow paralleling side neatline, gray relief, sepia road casings, 6-line border. Morse Collection label pasted over neatline, lower left corner. Remains of a guard on back of left side. 30.1 x 47.3 cm. on unwatermarked wove paper, 30.6 x 47.8 cms.

6 **PRINCE EDWARD/ ISLAND/ Divided into/ Counties & Parishes/ with the Lots/ as granted by Government/ PRINCES [sic] COUNTY/ [5 lines, Parishes and acreage]/ (all on left page of open book)/ QUEENS COUNTY/ [5 lines, Parishes and acreage]/ KINGS COUNTY/ [4 lines, Parishes and acreage]/ [5 lines of sub-totals and totals of acreage]/ (on right page of book leaning against a slanting tree.) 1:270 769.**

Copy of Samuel Holland's map of 1763 with new cartouche. Small inset, 6.8 x 9.0 cm. (cylindrical proj.), "Gulf of St. Lawrence", upper left. Scale of main map: 10 miles = 2.34 inches, Compass rose with north pointing NNW, coloured by counties. Double line roads emphasized with gray bands, 4-line border with gray wash between inner two and outer two. Pasted on guard at left edge. 41.6 x 74.1 cm. on wove paper, 44.9 x 77.2, no watermark. Morse Collection label in lower left corner covering part of border. No credit line.

7 **[HALIFAX HARBOUR]**, untitled, (from Fairview Cove to Eastern Passage, "Herring Cove Lakes" to "Oak Lake", Dartmouth. 1:16 019

Single, solid-line border, sepia relief over all the land, double-line roads with yellow roadfill, black crowquill shore-lines with narrow blue vignette, no other water colouring, fortifications in black line, sightlines between them indicated with fine dotted lines and distances in yards from trigonometrical calculations. Buildings shown in the North and South Suburbs, Artillery Park, North Barracks, Dockyard and Dartmouth.

Bar scale labelled "4 inches to a Mile", (scale of 1760 yards = 4.18 inches). Signed under the scale: H. Pooley/ Lieut'. Royal Engineers. North arrow marked with "E" and "W" and, "Variation 15° 52' in 1824" 42.2 x 81.3 on wove paper measuring 45.8 x 83.0 cm. and watermarked: J WHATMAN, (date cut off). Remains of a guard on the back of the left side. Trimmed closely to the right-hand border. Morse Collection label, partly on the border, lower left corner.

10 **[LIVERPOOL HARBOUR]**, untitled, (bar scale, 3 miles = 6.39 inches). 1:29 746.

Two-line border, relief in gray wash with vegetation symbols added, coastlines outlined in dark-blue band, rest of water areas flat wash of light-blue. Simple north arrow, unmarked, pointing approx. N15E. Town of Liverpool, unnamed, has roads and wharfs. Map extends up the (Mersey River) as far as "The Falls", west to "White Point", east to "Broad Cove". Morse Collection label pasted on inside of border, lower

right. Signed lower right: H. Pooley/L' R. Eng'. Note under scale: "Copied from a sketch of Capt^a R. Eng'". Evidence of guard pasted on right/back. 38.1 x 38.8 cm. on wove paper (no watermark showing) measuring 40.5 x 41.2 cm. Note under scale: "Copied from a sketch of Capt^a R. Eng'". Evidence of guard pasted on right/back. 38.1 x 38.8 cm. on wove paper (no watermark showing) measuring 40.5 x 41.2 cm.

12 [SHELBURNE HARBOUR], untitled, (covers entire Shelburne Harbour plus "Green Bay", extends to south beyond "McNutt's Island"). 1:47 400.

Two-line black border, relief in hachures around Shelburne and along the harbour shoreline, the rest of the land is featureless, shorelines in fine black inked line emphasized with a dark blue vignetted band, water areas smooth light blue watercolour, double line inked roads with a yellow roadfill, buildings same with a red fill. Shelburne town outlined with a red rectangular box and smooth light red tint within, (Possibly indicating the coverage of another map of the town area only [not found and not in Index]). "Reserve" outlined at "Gunning Cove". Bar scale of 3 miles = 4.01 inches. Signed: H. Pooley/Lieu'. R. Eng', note under the scale reads: "Copied from a sketch of Capt^a Collyer's R. Eng'". Circular blind stamp: "Pansy Patch Paradise Nova Scotia Canada" located lower centre edge and upper right corner. 66.0 x 49.5 cm. on wove paper, 68.5 x 52.0, watermarked: J WHATMAN/ 1813. Remains of guard on back of top edge.

18 [BASON OF MINES], Scale of Yards, (Bar scale, 800 yards = 4.88 inches.) 1:5 902.

Two-line border, black or blue shorelines outlined with blue watercolour wash, cliffs sepia watercolour, 2-line, inked roads with a yellow roadfill. Sepia relief, water, smooth light blue wash. North arrow points to top paralleling side neatlines. Covers "West Bay" to "Partridge River" (Parrsboro) with a blockhouse top centre. Note on relative heights of ground in upper left.

Morse Collection label pasted inside lower left border. 39.5 x 43.3 cm. on wove paper (no watermark showing) measuring 42.0 x 45.8 cm. Signed lower right: H. Pooley/ L' R. Eng'. Note under scale:

"Copied from a sketch of Capt^a Walker's R. Eng'". Remains of guard pasted on back right.

(21a) Plan of the Government Establishment at the Lower Cove/ S'. John, New Brunswick./ (bar scale marked, "Scale 100 feet to one inch", scale measures 3.99 inches, no values on scale except the title.)/ 1:1 200.

Plan on tracing paper, no border, relief indicated in gray watercolour washes, boundary lines, buildings, and roads are all thin black ink lines. Identifications by lettered "Reference A-E, a-c, F."

Signed: H. Pooley/L' Royal Engineers-/Morse Collection label pasted lower left corner. 41.2 x 51.5 cm. tracing paper watermarked: J GREEN/1815

26 [PICTOU HARBOUR], untitled, (Pictou harbour with its three rivers and "Cariboo Harbour"). 1:39 849.

Black shorelines emphasized with blue edging, flat water tint in lighter blue, relief shown in fine crowquill hachures on Pictou peninsula only, unmarked north arrow points ENE. Bar scale marked: "SCALE OF MILES", 6.36 inches = 4 miles. Morse Collection label in lower left corner over neatline. Signed H. Pooley/L' R. Eng'. with note: "Copied from a sketch of Cap^a Collyer's, R. Eng'" under the scale. 36.3 x 49.0 cm. on wove paper, 40.5 x 53.1, remains of guard pasted on back of left side. 2-line border.

27 [MILFORD HAVEN RIVER, BAY OF CHEDABUCTO], untitled, SCALE OF MILES. (Bar scale, 8.03 inches = 4 miles). 1:31 562

Two-line border, relief hachured in crowquill inked lines, water and mudflats coloured in blue wash, roads are one inked line emphasized with yellow band alongside, no town but some outlines (fields/grants?). Morse Collection label pasted over border, lower left. Simple north arrow, unmarked, pointing NE. Signed, lower right: H. Pooley/ L' R. Eng'.

A note below scale states: "Copied from a sketch of Capt^a Collyer's R. Eng'". Removed from bound volume, remains of pasted guard, back right. 26.7 x 42.5 cms. on wove paper watermarked: J. WHAT-



ON THE LIBRARY OF GEORGE, THE KING
OF SWEDEN, GOVERNOR OF NEW SWEDEN
1639-1646 AND OF CANADA 1662-1688

26 : [PICTOU HARBOUR]

MAN/ 1815, measuring 31.9 x 47.5 cm.

28 [COUNTRY HARBOUR] ("Fisherman H", "Country H" and "Issac H") 1:54 976 from stat. mile scale, 1:53 255 from nautical mile scale.

In the centre, below the frame is a short scale, 15.1 cm. overall, realistically drawn to simulate three dimensions with statute miles marked on the upper edge and "nautic miles" on the lower. Between the two is lettered, "LOCKWOOD SURVEYOR". Two notes are written as if on pieces of paper, torn to fit the shorelines, curling up at the corners and shaded three dimensionally. The bottom edge of left-hand note is torn through Lockwood's signature. Two broad bands of peach coloured wash, one complete and one incomplete, frame the map. Entire map surface is covered with 1 inch squares, probably to facilitate scale changes by similar squares. Morse Collection label pasted over lower left border. 61.0 x 36.9 cm. on wove paper, 75.5 x 54.5, watermarked, "J WHATMAN 1813". Entire map pale sepia, showing relief with gray cliffs. No latitudes or longitudes.

Anthony Lockwood was a self-described "Professor of Hydrography" and "Assistant Surveyor-General of N.S. and C. Breton" in *A BRIEF DESCRIPTION OF NOVA SCOTIA*, London, 1818, but there's no evidence of the accuracy of either statement. Lockwood's book includes a chart of Country Harbour but of smaller scale than this one and quite inaccurate in terms of lat. and long. Lockwood was a sailing master employed by The British Hydrographic Office as a senior hydrographer who carried on Capt. Thos. Hurd's surveys which had been interrupted by the War of 1812. The Admiralty charts Lockwood worked on were published in 12 sheets from 1824-1827.

29 MILITARY SKETCH/ IN THE VICINITY OF/ QUEBEC/ Surveyed and Drawn by Lieu^t A. Brown, 79th Reg^t / August 1827/ Scale of Eight Inches to a Mile/ [bar scale of 1/2 mile = 3.97 inches]/ all in rectangular frame. 1:7 980.

Finely detailed landscape, fields and woods, tan roads between. "Charles River" and "St. Lawrence". "Marchmont", a farm belonging to Col. Harvey, the

Adj. Gen., is in centre. (See p.152 of *The Dalhousie Journals*, by Marjorie Whitelaw, for an account of the Earl's visit to the area of this map.) 4-line border, gray wash between neatline and next line to it, same area as Wolfe's Cove, No.30, but oriented 180° from that plan. Very small sketch (4.2 x 6.7 cm.) in lower left corner entitled, "View of Towers 3 & 4 as seen from small tower at the General Hospital". 51.6 x 54.1 cm. on wove paper, 63.5 x 66.8 watermarked, "TURKEY MILL KENT" date cut off, only part of top showing, 1825? Morse Collection label pasted over part of border, lower right.

30 A MILITARY PLAN OF WOLFE'S COVE/ . 1:3 900

Signed lower right: W. Cartan Lieut. 79th Highlanders. A scale of 300 yards is marked off on the road under the title, 300 yards = 2.77 inches. North arrow points NNE. Relatively few place names: "Spencer Wood", "Wolfe's Field", "Marchmont", "The Race Course", and "The Plains of Abraham". Edge of cliff depicted in gray watercolour wash with vegetation along the edge. Two-line border, 24.7 x 36.2 cm. on paper 28.1 x 39.5 no watermark. Morse Collection label pasted on outer edge of border, lower left. No evidence of binding.

31 PLAN/ OF/ ISLE S^t HELEN./ Scale of 400 Feet to an Inch/[bar scale of 2000 F^t with 100 extension = 5.23 inches (2100 feet)] all in rectangular box in lower left corner. 1:4 818.

No credit line. River in green wash, relief on island gray wash, fort in red line, individual trees drawn in green. Sounding lines, with depths, across river and between "Ile Ronde" and "Isle St. Helens", (note states soundings made in July, 1818). No detail in "Town of Montreal" except, "Bonsecours Church", "Molson's Flag staff", "Flag staff" and "Forsyth's". Map bleeds to edge of paper, 61.0 x 83.0 cm. Pasted on guard at left. Morse Collection blind stamp, lower right, "PANSY PATCH PARADISE NOVA SCOTIA CANADA". Watermark on lower edge of paper, all trimmed except top of J? and W, probably James Whatman, no date showing.

32 PLAN of the FORTIFICATIONS/ in progress/ at/ ISLE-AUX-NOIX./ (River Richelieu) Scale of Plan. 200 feet to an inch. (Bar scale of 1000 feet with 100 foot extension divided in 10's.) 1:2 400.

Fort labelled, "FORT LENNOX". Features labelled with lower case letters, "a-1" and identified at lower right in a "Reference". Three profiles labelled, "Fort", "Ravelin" and "Horn-work", with a bar scale, "Scale of the Profiles 20 feet to an inch", 100 foot scale by 10's, with a 10 foot extension, all located in lower left corner. Morse Collection label covers part of profile scale. No borders, pasted on a guard at left edge, simple north arrow pointing to NE. Signed: Isle aux Noix/19th September 1823/ Tho^r L. Luxmore/Lieut^t Royal Engineers. 42.2 x 51.5 cm. wove paper with watermark, WEATHERLY & LANE, (date cut off?)

(32a) [Two sketches of Montmorenci Falls on single sheet]

TOP: *Sectional View of the Falls of Montmorenci and the Cone/ from some observations taken on the Ice in March 1827./ Scale 100 feet to an Inch/* (bar scale is 400 feet = 3.90 inches.) 1:1 230

Sepia watercolour wash with very fine dotted ink lines (black) showing sight lines to top of ice cone and lip of falls. A note in rectangular box gives height in feet of falls (236), cone (77), probable height of falls in summer (250), distance between perpendiculars of cone and falls (244), probable distance between foot of each (112). Initials, lower right corner of box: H.P. (Henry Pooley?)

Bottom sketch:

A Front Sketch of the Falls of Montmorenci and the Cone/ from the road to them on the Ice./

Pencil and sepia sketch, unfinished on the right side. House and fir trees with two unfinished figures on left. Morse Collection label pasted over border, 1 line border with wash outside to the edge of the paper. Wove paper without watermarks. 38.3 x 42.3 cm. on paper 39.5 x 43.5. Evidence of a guard having been pasted on back of the right-hand edge.

(32b) **PLAN and SECTIONS/ of the site (sic) of the projected improvements to the navigation/ of the OTTAWA river at the/ CHUTE A BLON-DEAU/** [Two bar scales: 400 links = 3.98 inches, 300 feet = 4.40 inches.] (Between "Isle Blondeau" and "Township of Chatham".) 1:800

Signed: Drawn by A Brown. L^t 79th Reg^t. 1828.

Two line border, two-sections paralleling water and four cross-sections from the above sections to water, simple north arrow pointing N45°W.

Morse Collection label pasted on inner border. 34.0 x 49.2 cm. on wove paper with watermark "JAMES" (rest cut off), measuring 42.5 x 57.9 cm. No evidence of previous binding.

33 PLAN/ OF/ YORK./ Surveyed in 1817, by Lieut. Smith 70th Reg^t/ [bar scale, 750 yards = 3.39 inches]/ Scale of 8 inches to a Mile/ "E.A. Smith pinxit" (lower left corner.) 1:7 965.

53.7 x 72.1 cm. within neatlines, 56.4 x 74.8 outside border. Morse Collection label pasted over border lower left corner. Two-line border simple north arrow, gray, green, blue, tan watercolour washes overall. Vegetation symbols. Houses of a few prominent citizens. Public buildings and forts. Lighthouse with bearings. Wove paper with no watermarks. Stated scale and bar scale agree.

34 A/ PLAN/ OF/ NIAGARA./ Surveyed and Drawn by Lieut. Smith 70th Inf^y/ Surveyed in 1818. Scale of 4 inches to a Mile. Drawn in 1820/ [bar scale above stated scale, 1760 yards = 3.95 inches] (all in rectangular box, upper left. (Queenstown Heights to Fort Niagara). 1:16 000.

Feathered north arrow pointing N90E, 2-line border, trimmed on edge of outer line. The map was folded at right in "Lake Ontario". Tan and yellow roads over gray and green washes, vegetation symbols drawn on green patches. "Boundary Line of the United States" drawn fine dotted line centre of river. Same style as "YORK" manuscript (no.33). 55.4 x 99.5 cm. on wove paper 58.0 x 102.2 with a watermark on extreme bottom edge of map, only top shows, therefore unreadable. Morse Collection label pasted over lower left border.



34 : A / PLAN / OF / NIAGARA

(34a) **A PLAN and ELEVATION of BRIDGES/ on the OTTOWA [sic] at the CHAUDIERE/ FALLS/ (1:960)**

Signed: W. Cartan, L' 79 High^m, outside border at bottom right corner. Scale 80 Feet to an Inch (bar scale of 400 feet = 4.90 inches). Elevation across top, north arrow pointing N90°E, plan of road across, "Rafting Channel", "East Channel", "OTTAWA RIVER", below "GREAT KETTLE". "UPPER CANADA" at left and "LOWER CANADA" at lower right. Vegetation, bridges and rock embankments finely detailed. Morse Collection label pasted over two-line border, lower left 38.9 x 61.2 cm. on paper measuring 47.0 x 69.0 and watermarked: "...IAN TURKEY MILL KENT/ 1825 (?)", left edge of watermark and bottom 2/3 of date has been trimmed.

PART III:

MAPS IN THE EARL OF DALHOUSIE COLLECTION, N.S. MUSEUM, HALIFAX.

(Full description will be available from the Museum)

(1) [LUNENBURG HARBOUR], untitled, 4.88 inches = 3 miles, 1:38 951. 41.7 x 29.5 cms. (Lunenburg, N.S. and vicinity) Signed: H. Pooley, Lt. Royal Engineers

(2) [MAHONE BAY], untitled, 4.83 inches = 3 miles, 1:39 354. 29.8 x 34.6 cm., same credit line. (Chester, N.S. and vic.)

(3) [CAPE FORCHU], untitled, 5.26 inches = 3 miles, 1/39 137. A later copy of the manuscript in the Dalhousie University, Morse Collection No. 57. Has full frame border and the scale re-located to top left. 45.0 x 38.1 cm. (Yarmouth, N.S. and vicinity).

These maps in the Nova Scotia Museum are recent acquisitions gathered in Scotland from the Dalhousie estate by Mrs. Marie Elwood, the Museum's Chief Curator of History. The great majority of the Museum's acquisitions are sketches and water-colour drawings, with only three manuscript maps and one printed map, John G. Toler's, "Map of Nova Scotia...", Halifax, 1819.

PART IV.

MAPS IN THE CARTOGRAPHIC AND ARCHITECTURAL ARCHIVES DIVISION, NATIONAL ARCHIVES OF CANADA

Manuscript maps presented to Lord Dalhousie, Governor-General of Canada, 1820-28. Eight maps and plans, part of a large collection of Canadian paintings, prints, maps and plans from the library of the 9th Earl of Dalhousie, repatriated with the assistance of a federal Department of Communications grant under the Canadian Cultural Export and Import Act.

"Plan of the Proposed Canal from Kingston ... to the Ottawa River...."

"Copy by (signed) James G. Chewit. York Novr. 4th 1826. Copy P. Durnford 16th Mar. 1827". 2 miles to an inch. 85601/25.

"Sketch of the route of the Rideau Canal from Canal Bay ... to ... the Black rapids." H. Pooley. [1:63 360]. [circa 1827]. 85601/26.

"Dam 50 feet high, to be thrown across the Rideau River at ... the Hog's back." 40 feet to an inch. [circa 1827.] 85601/27.

"Plan and Section of Works proposed to be executed on the Rideau Canal at the Hog's back...." 40 feet to an inch. [circa 1827.] 85601/28.

"Sketch of the proposed bridges & roadway across the Ottawa [River] at the Falls of the Chaudière and the Dams constructed for rendering the Timber Channel navigable for Rafts &c." H. Pooley, R.E. 100 feet to an inch. [circa 1827.] 85601/29.

[Plan of a bridge to be built across the Ottawa River at the Chaudière Falls.] 10 feet to an inch. John By, 20th November 1827. 85601/30.

"Plan of the Route between Robinson's, ... River Trent and the ... mouth of Rice Lake." Surveyed in May 1817, by Lieut. Smith (1818 watermark in paper). 3 inches to a mile. 85601/31.

"Plan of the Long Saut and Chute a Blondeau Rapids, on the River Ottawa." 440 feet to an inch. 1827. 85601/32.

NEW BOOKS AND ATLASES

Barbara Farrell

Amsterdam in Kaarten: Verandering Van de Stad in Vier Eeuwen Cartografie. W.F. Heinemeyer and M.F. Wagenaar, Eds. Amsterdam: Rudolf Muller, 1987.

ISBN—. 216 p. Cost: \$93.00. With English summary.

Ancient History Atlas (3rd ed.). Michael Grant. London: Weidenfeld and Nicolson, 1986.

ISBN 0297788744. 87 p. Cost: \$10.95.

Antique Maps (2nd ed.). Carl Moreland and David Bannister. Oxford: Phaidon Christie's Ltd, 1986 (Christie's Collector's Guides).

ISBN 0714880345. 314 p. Cost: £14.95.

Art and Cartography: Six Historical Essays. David Woodward, ed. Chicago: University of Chicago Press, 1987.

ISBN 0226907228. 376 p. Cost: \$60.00 US.

Atlas Economique de l'Europe. Jean-Remi Sortia, Christian Vandermotten and Jean Vanlaer. Brussels: Societe Royale Belge de Geographie, 1987.

ISBN—. — p. Cost: \$89.50.

Atlas of Ancient America. Michael Coe, Dean Snow and Elizabeth Benson. New York: Facts on File, 1986.

ISBN 0816011990. 240 p. Cost: \$35.00 US.

Atlas of American Women. Barbara Gimla Shortridge. New York: MacMillan Publishing Co., 1987.

ISBN 0029291208. 164 p. Cost: \$85.00 US.

Atlas of Arizona. Henry Pickering Walker. Norman, Okla: Oklahoma University Press, 1986.

ISBN 0806120231. 143 p. Cost: \$24.95 US.

Atlas of Geo-science Analyses of Landsat Imagery in China. Chen Shu Peng, ed. Beijing: Science Press, 1986.

ISBN—. 228 p. Cost: \$120.00 US. Distributed by: Asian Research Service, G.P.O. Box 2232, Hong Kong.

Atlas of Industrializing Britain, 1780-1914. John Langton and R.J. Morris Eds.. London: Methuen, 1987.

ISBN 0416302904. 272 p. Cost: £25.00.

Atlas of Mysterious Places: The Wondrous World of Lost Lands, Ancient Cities, Sacred Sites and Symbolic Landscapes. Jennifer Westwood, ed. London: Weidenfeld and Nicolson, 1987.

ISBN 0197791133. 240 p. Cost: £16.95.

Atlas of Natural Resources and Development of Economy in the City of Shenzhen, China. Guangzhou Institute of Geography ed. Beijing: Science Press, 1986.

ISBN—. 224 p. Cost: \$70.00. Asian Research Service.

Atlas of New Zealand Boundaries. Brian Marshall. Auckland, N.Z.: Dept. of Geography, University of Auckland, 1986. ISBN 0908672071. — p. Cost: \$25.00.

Atlas of Nazi Germany. Michael Freeman. London: Croom Helm, 1987.

ISBN 0709910738. 192 p. Cost: £25.00.

Atlas of Residential Concentration for the Census Metropolitan Area of Montreal. John Kraft. Ottawa: Multiculturalism Canada, 1986.

ISBN 0662542890. 131 p. Cost:—. Distributed by: Canadian Government Publishing Centre, Supply and Services Canada, Hull, Quebec, K1A 0S9.

Atlas of Residential Concentration for the Census Metropolitan Area of Toronto. John Kraft. Ottawa: Multiculturalism Canada, 1986.

ISBN 0662543904. 127 p. Cost:—. Canadian Government Publishing Centre.

Atlas of Residential Concentration for the Census Metropolitan Area of Vancouver. John Kraft. Ottawa: Multiculturalism Canada, 1986.

ISBN 0662542912. 131 p. Cost:—. Canadian Government Publishing Centre.

Atlas of the Breeding Birds of Ontario. Michael D. Cadman et al. Waterloo, Ont.: University of Waterloo Press, 1987.

ISBN 0888980744. 600 p. Cost: \$53.50.

Atlas of the Negev. Elahu Stern et. al., eds. Beer Sheva, Israel: Ben-Gurin University of the Negev, 1987.

ISBN—. —P. Cost: \$50.00.

Bernard Romans: Forgotten Patriot of the American Revolution, Military Engineer and Cartographer of West Point and the Hudson Valley. Lincoln Diamant. Harrison, New York: Harbour Hill Books, 1987.

ISBN 0916346560. 160 p. Cost: \$15.95.

Book of World City Rankings. John T. Marlin et. al. New York: Free press, 1986.

ISBN 0029202302. 766 p. Cost: \$40.00 US.

Brasil Road Atlas. —. —: —, 1986.

ISBN —. 98 p. Cost: \$22.95. Distributed by: International Book Distributors, P.O. Box 2290, Vancouver, B.C. V6B 3W5. Text in Portuguese.

British Columbia Place Names. G.P.V. Akrigg and Helen B. Akrigg. Victoria, B.C.: Sono Nis Press, 1986.

ISBN 0919203965. 346 p. Cost: \$29.95.

Cartographie Ecologique et ses Applications/Ecological Mapping and its Applications. Paul Ozenda. Paris: Masson, 1986 (Collection Ecologique Appliquee et Sciences de L'Environnement. N.7.).

ISBN 2225810192. 160 p. Cost: \$62.00.

Cartography and Site Analysis with Microcomputers: A Programming Guide for Physical Planning, Urban Design and Landscape Architecture. N. Brito Mutunayagam and Ali Bahram. New York: Van Nostrand Reinhold, 1987.

ISBN 0442262930. 184 p. Cost:—.

Cartography in France, 1720-1848. Josef W. Knovitz. Chicago: University of Chicago Press, 1987.

ISBN 0226450945. 280 p. Cost: \$39.95 US.

Characteristics and Availability of Data from Earth-Imaging Satellites. C. Scott Southworth. Washing-

ton: US Government Printing Office, 1985 (US Geological Survey Bulletin 1631).

ISBN—. 102 p. Cost:—.

City in Maps: Urban Mapping to 1900. James Elliot. London: British Library, 1987.

ISBN 0712301348. 88 p. Cost: £9.95. Distributed in Canada and the United States by Longwood Publishing Group, Inc., 27 South Main Street, Wolfeboro, New Hampshire, 03894-20698.

Climatic Atlas Climatique - Canada: A Series of Maps Portraying Canada's Climate. Map Series 3 - Pressure ... Snow on the Ground. Environment Canada Atmospheric Environment Service. Ottawa: Environment Canada Atmospheric Environment Service, 1987.

ISBN 0660537141. —p. Cost: \$19.95. Distributed by Canadian Government Publishing Centre.

Computer Cartography: An Introduction. V. Gardiner and David John Unwin. Amsterdam: Rudolf Muller, 1987.

ISBN—. —p. Cost: \$147.00.

Dictionary of Irish Place Names. Adrian Room. Belfast: Appletree Press, 1986.

ISBN 0862811325. 136 p. Cost: £9.95. —.

Early Mapping of Hawaii: Palapala'aina, Vol. 1. Gary L. Fitzpatrick. Honolulu: Editions Ltd, 1987.

ISBN 0915013053. 160 p. Cost: \$65.00 US.

Fully Annotated Atlas of South Asia. Ashok K. Dutt and Margaret M. Geib. Boulder, CO: Westview Press, 1987.

ISBN 0813300444. 231 p. Cost: \$28.00 US.

Geographic Cutters. Geography and Map Division, Library of Congress. Washington, D.C.: Library of Congress, 1987.

ISBN—. —p. Cost: \$37.00 US. Distributed by Customer Services Section, Cataloguing Distribution Service, Library of Congress, Washington, D.C. 20541. Microfiche in 3-ring binder.

Germany Road Atlas. —. Bad Soden, W. Germany: Ravenstein, 1986. ISBN—. 145 p. Cost: \$12.95.

Distributed by International Book Distributors, P.O. Box 2290, Vancouver, B.C..

Historical Atlas of Oklahoma. John Wesley Morris. Norman, OK: Oklahoma University Press, 1986. ISBN 0806120231. 54 p. Cost: \$6.95.

Human Activity and the Environment: A Statistical Compendium. 2nd ed. Statistics Canada, Structural Analysis Division, Analytical Studies Branch. Ottawa: Statistics Canada, 1986. ISBN 0660117118. 374 p. Cost: \$45.00. Distributed by the Canadian Government Publishing Centre. Also available in French.

Introduction to Photomechanical Techniques in Cartography. Gary R. Brannon. Waterloo, Ontario: Cartographic Centre, Faculty of Environmental Studies, University of Waterloo, 1986. ISBN 0969238304. 134 p. Cost:—.

Localization of the Aboriginal Nations in Quebec: Land Transaction. Jacqueline Beaulieu. Quebec City: Les Publications du Quebec, 1986. ISBN 255108721X. 154 p. Cost: \$19.95. Also available in French under the title: *Localisation des Nations Autochtones au Quebec.*

Map of London from 1746 to the Present Day. Andrew Davies. London: Batsford, 1987. ISBN 0713454040. 128 p. Cost: £14.95.

Map Use: Reading, Analysis, and Interpretation. 2nd ed. Phillip C. Muehrcke and Juliana O. Muehrcke. Madison, Wis.: JP Publications, 1986. ISBN 0960297820. 512 p. Cost: \$21.95 US.

Maps: A Map Index for Community Planning in Ontario. Research and Special Projects Branch, Community Planning Wing, Ministry of Municipal Affairs. Toronto: Ontario Ministry of Municipal Affairs, 1986. ISBN 0772910251. 130 p. Cost:—.

Maps of the Holy Land: Cartobibliography of Printed Maps, 1475-1900. Eran Laar Comp.. New York: Alan R. Liss, Inc., 1986. ISBN 084511705X. 222 p. Cost: \$77.50 US.

Mental Maps. 2nd ed. Peter Gould and Rodney White. Boston: Allen and Unwin, 1986. ISBN 004526001X. 172 p. Cost: \$24.95 US.

NWT Data Book, 1986-87: A Complete Information Guide to the Northwest Territories and its Communities. Ronne Heming, ed. Yellowknife, N.W.T.: Outcrop Ltd, 1986. ISBN 091931516X (pbk). 236 p. Cost: \$20.00.

Oldest Maps of the Netherlands. H.A.M. Van der Heijden. Utrecht, Netherlands: HES Publishers RV, 1986. ISBN 9061942241. 232 p. Cost: \$71.00.

Pacific Island Names: A Map and Name Guide. Lee S. Motteler. Honolulu: Bishop Museum Press, 1986 (Bishop Museum Miscellaneous Publication N.34). ISBN 0930897196. 100 p. Cost: \$9.50 US.

Revised Atlas of Eastern Canadian Seabirds. Volume 1: Shipboard Surveys. R.G.B. Brown. Ottawa: Environment Canada, Canadian Wildlife Service, 1986. ISBN 0660120712. 111 p. Cost: \$8.00. Distributed by the Canadian Government Publishing Centre.

Road Atlas of India. —. —: —, 1986. ISBN —. 54 p. Cost: \$6.95. Distributed by: International Book Distributors.

Stamp Atlas. W. Raife Wellsted. New York: Facts on File, 1986. ISBN 0816013642. —p. Cost: \$29.95 US.

State of the Environment Report for Canada. Peter M. Bird and David J. Rapport. Ottawa: Environment Canada, 1986. ISBN 066012050X. 263 p. Cost: \$25.00. Also available in French.

Wild Energy Resource Atlas of the United States. — Washington: US Government Printing Office, 1986. ISBN —. 222 p. Cost: \$19.00 US.

REVIEWS

Jeffrey Murray

Canada in Motion: Maps of the Nation's Transportation Routes. Ottawa: Energy, Mines and Resources Canada, Surveys and Mapping Branch, 1986. text 16 p., 4 maps.
ISBN 0-660-12094-1. \$10.00.

Canada in Motion is the title given by the editors of the *National Atlas of Canada* to a selection of four map plates in the current (1986) 44-sheet boxed folio edition of the *Atlas*. The plates carry the titles "road transportation network", "rail transportation network", "air transportation network", and "water transportation infrastructure". Information is current to the early 1980s, and presented in one language only. (The reviewer is working with an English-language version.) The railroad plate includes selected lines in the United States, the water plate a few international ferries, but the air plate is entirely domestic. Plates are accompanied by a sixteen page booklet prepared by Professor Iain Wallace of the Department of Geography, Carleton University, Ottawa. In it are short essays on the development of Canadian transport, networks, and deregulation; railroads are given more attention than the other modes.

The separate circulation of this selection acknowledges Canada's focus on transport in 1986, the theme of Expo '86 in Vancouver. Certainly it provides publicity (and maybe some revenue) for an expensive publication, but any library would do better to have the full atlas and be on the mailing list for new sheets as they come out. These can easily be inserted according to the overall atlas concept, providing users with a full spectrum of Canadian characteristics.

Each plate contains a single map of Canada on a polar projection. Somewhat more than 40 percent of the sheet area lies beyond Canadian territory or coastal waters, and is used to varying extents for text: legends, names of corporations (air and rail), explanations on how the data categories have been established, sources, acknowledgements, graphs and notes.

It is strikingly apparent how much empty space there is on each sheet—fully half of the road and rail plates,

and virtually all of the map area of the water sheet. Is this space wasted? In one sense the answer is "no", because it is important that Canadians be reminded of the vastness of the nation and how tenuous is our hold upon it. On the other hand, the answer is "yes", for a single sheet of carefully integrated detail could show everything that appears on the four sheets, and more effectively. Canada is held together by a mix of air, rail, road, boat and barge routes, not to mention pipelines, hydro-electric power lines, microwave systems and satellite broadcasting. This is the true Canadian network, a system evident in Wallace's essay but not in the plates. It is time for transport mapping to break away from the tradition of mode-by-mode, corporation-by-corporation presentation and to put all the modes on a single plate. The extent to which transport is our servant, helping to achieve national objectives, will then be apparent.

Thomas F. McIlwraith
Department of Geography
Erindale Campus
University of Toronto

Goodall, Brian. *The Facts on File Dictionary of Human Geography.* New York: Facts on File Publications, 1987. 509 p., 167 illustrations.
ISBN 0-8160-1738-7. \$29.95 U.S.

The need for a dictionary to lead one through the maze of terms in human geography is an indication of the regrettable degree to which this sub-discipline has developed its own jargon. Yet the need is a real one, and this volume satisfies that need more than adequately. What is not clear to me is why a second such dictionary was felt to be necessary when a very good one has appeared on the market just six years earlier (R.J. Johnston et al., eds., *The Dictionary of Human Geography.* Oxford: Basil Blackwell, 1981).

The new book is exceedingly comprehensive. In my notes for the second-year course in Human Geography which I teach at Trent University, I found no significant concepts that are listed in the dictionary, and only a very few minor terms that appear to have been overlooked. If anything, the number of entries might even be excessive, since they include such commonplace terms as year, sound, parking, sport, and adolescent, in addition to the most esoteric, and often foreign, terms such as Zuhube, Lammas land, levada, and amonie. Although the field of human geography, and geography as a whole, are notoriously difficult to define, there are entries for both these concepts. Nevertheless, the inclusion of terms such as cephalic index (from anthropology), marginal cost curve (from economics), stimulus-response theory (from psychology), and a number of concepts from statistics, mining technology, and mediaeval history seems to be unnecessarily stretching the scope of the dictionary beyond what is normally considered to be human geography. It is easy to quibble about where one draws the line. However, for consistency, if one is to include units of measurement at all, it is difficult to understand why furlong, acre, virgate, and oxgang are included while fathom and hectare are not. To aid the user and to save space, the dictionary is extensively cross-referenced, though the symbols used for doing so are nowhere explained. In fact, except for acknowledgements, there is no introduction at all, wherein the rationale for what is included might also have been explained.

When I was asked to review this book, it was suggested that I should assess its utility for map librarians and archivists. Not practising either of those professions, I can only speculate that a dictionary of this sort, if placed on the shelves prominently, would get a considerable degree of use. It should also be in every reference library. Since most readers of the *ACML Bulletin* are in North America, it should be pointed out that the dictionary has a fairly strong British bias. Few Americans or Canadians, for example, use or even understand the everyday British term "flyover", while corresponding North American traffic concepts such as cloverleaf, overpass, or the related term level crossing do not appear. Moreover, planning terminology derived from British legislation has limited applicability or even different meanings (e.g., conservation area) in North America: country park, Building Preserva-

tion Notice, Area of Outstanding Natural Beauty, support lending scheme. British Summer Time has obviously limited usage elsewhere, as do quasi-slang expressions such as knock-on effect. Anywhere in the world, there are terms of very local currency; it makes little sense, therefore, to single out those which occur in Outer Hebrides (machair) or the West Highlands of Scotland (lazy-bed) or which were used in ancient times in South-East England (sulung).

All these reservations aside, *The Facts on File Dictionary of Human Geography* is a useful book, which I expect to be using a great deal myself.

Frederick M. Helleiner
Department of Geography
Trent University

Nova Scotia Resource Atlas. Halifax: Nova Scotia Department of Development, 1986. 76 p., ill., maps. ISBN 0-8871-0850. \$17.50

The *Nova Scotia Resource Atlas* is an appealing new geographic portrait of the province. Divided into sections on forestry, agriculture, fisheries and geology, twenty-two coloured maps describe the location and economic importance of specific resource materials and resource dependent human activities. The fifth section, infrastructure, presents five maps describing resource related developments in the province, such as transportation facilities, manufacturing and the labour force. Another four maps describe education and health services, recreational resources and tourism. On the page facing each map is a commentary and possibly additional maps, diagrams or statistical tables, all of which expand on the theme of the map. Included in the back of the atlas are outline maps of the province, printed on tracing paper.

The atlas uses 1981 census data and statistics, and much of the resource data has been collected up until

1985. This currency enhances the value of the atlas. For instance, a comparison of the fisheries section with similar maps in the *Nova Scotia Fisheries Atlas* (1982), reveals some interesting changes in the management of this regional resource over the four to five year period which separates their publication dates.

From the cover illustration, a colourful satellite image of the province, to the generally clear and often exceptional maps, this is an attractive book. However, a few editorial oversights have been observed—a North arrow pointing South, the subtitles of the legend on the manufacturing map have been switched, some spelling errors, etc. The ring binding appears durable and enables the book to lie flat, page by page. The accompanying text is well researched and successfully enhances the information content of the maps and graphs.

The atlas presents a wealth of information at modest cost. I recommend the purchase of the *Nova Scotia Resource Atlas* to all libraries in Maritime Studies and in the people and resources of Nova Scotia.

Susan Greaves
Macdonald Science Library
Dalhousie University

Larsgaard, Mary Lynette. *Map Librarianship: an Introduction*. 2nd ed. Littleton, CO: Libraries Unlimited, 1986. xxvii, 382 p.
ISBN 0-87287-537-7. US\$ 52.50.

The first edition of this work was widely accepted in 1978 as the major North American text on map librarianship. The second edition is updated in a number of areas and the appendices have been substantially enlarged.

The new edition includes chapters on selection and acquisition; cataloguing and computer applications; storage, care and repair; reference services; public relations and marketing; and education. A sixty page

general bibliography is complemented by specialized bibliographies on various aspects of cartographic materials. The first covers post-1900 literature covering topics such as production, use, indexes, bibliographies, and directories. There are also bibliographies for pre-1900 materials, remote sensing and its imagery, map projections, and map cataloguing.

Other appendices include lists of periodicals; atlases and articles about atlases; publishers/distributors in the United States of globes and three-dimensional plastic raised-relief maps; U.S. libraries distributing accession lists; a workform for Marc-format cataloguing; and a list of addresses for pertinent manufacturers and materials suppliers. An eighteen page sample acquisitions and collections policy is even included. A subject index of fourteen pages concludes this text.

The chapters covering selection and cataloguing have been significantly revised while that covering administration was not included. For example, the chapter on selection now includes a discussion on collections development policies as well as acquisition policies. The range of materials has broadened to include charts, plans, sections, views, relief models, remote sensing imagery and other supporting materials such as gazeteers, bibliographies, and texts. There is also a discussion of microformats. The cataloguing chapter has been changed to reflect the impact of *Anglo-American Cataloguing Rules, 2nd edition (AACR2)* and cataloguing systems such as Online Computer Library Centre (OCLC).

This is a pragmatic introduction to map librarianship as well as a broadly based survey of the literature. It will continue to be the major text/reference for those entering or already working with cartographic materials in libraries or archives. For those who have the first edition, do not throw it away unless you copy the chapter on administration and all those wonderful quotations at the beginning of each chapter. I recommend this book to everyone for its content as well as the author's style and interesting collection of quotations at each chapter's beginning.

Bob Batchelder
Maps and Air Photos
University of Calgary Library

Graf, Erik. *Mon atlas de sciences humaines*. Montréal: Editions du Renouveau pédagogique, 1985. 136 p., ill. en coul., cartes en coul., Comprend un index, lexique.

ISBN 2-7613-0429-2 (rel.). 19.95 \$.

Carrière, Jean. *Atlas des jeunes québécois*. Montréal: Centre éducatif et culturel, 1985. 88 p., ill. en coul., cartes en coul.

ISBN 2-7617-0232-8 (rel.). 16.95 \$.

Damian, Luce Deschênes et Raymond Damian. *Atlas régional du Québec et du Canada*. Montréal: Guérin, 1984. 196 p., ill. (certaines en coul.), cartes, comprend un index.

ISBN 2-7601-1258-6. 14.95 \$.

Nous devons recenser l'atlas de Erik Graf uniquement, mais il eut été difficile de faire une recension objective de cet atlas sans le comparer à deux autres publiés presque en même temps et destinés à la même clientèle.

Les atlas dont il est question ont été conçus principalement pour répondre aux besoins des écoliers de 5e et de 6e années du niveau primaire (enfants de 9 à 12 ans). Or le programme de 5e année en sciences humaines, est une initiation à l'histoire et à la géographie du Québec: situer dans le temps et dans l'espace, les premiers peuples autochtones, puis présenter l'arrivée des premiers explorateurs; faire comprendre ensuite les raisons d'une "présence française" dans ce coin du monde, en suivant l'établissement des premiers Français dans la vallée du St-Laurent; faire comprendre aussi les raisons d'une "présence anglaise" sur le territoire du Québec, en rappelant la défaite militaire, d'abord, puis le peuplement subséquent par des loyalistes; terminer ce portrait par le phénomène plus contemporain de la présence grandissante de nouveaux groupes ethniques. Quant au programme de 6e année, il doit suivre une démarche similaire, appliquée cette fois-ci à l'ensemble du Canada.

Les atlas de Carrière et de Damian se conforment à cette étude, du particulier au plus général, en présentant d'abord le Québec, ensuite le Canada, et enfin le monde: les données historiques sont intégrées

à l'intérieur de ces divisions spatiales. L'atlas de Graf suit davantage, en ce sens, une présentation conventionnelle: il est divisé en quatre parties à peu près égales, présentant, dans l'ordre, le monde, le Canada, et enfin le Québec, et regroupant les données historiques dans la dernière partie, sous le titre "le Canada et le Québec historiques".

Ce qui frappe dès le début, dans l'atlas de Graf, c'est la qualité de sa cartographie: les cartes sont claires et nettes et les couleurs, qui se marient bien, sont fort agréables à l'oeil. Les cartes et les planches ne sont jamais surchargées, elles sont bien encadrées et bien identifiées par les titres précis.

L'intégration de nombreuses photographies est une autre caractéristique de ces nouveaux atlas, ce qui est conforme aux nouvelles attentes pédagogiques de ces ouvrages. Dans l'atlas de Graf, les photographies sont d'une clarté impeccable et elles soutiennent bien chacun des thèmes abordés. L'atlas de Damian comprend non seulement des photographies contemporaines en couleur, mais aussi plusieurs photographies anciennes en noir et blanc, ce qui est particulièrement évocateur d'un passé pas si lointain.

Le nouveau programme pédagogique doit aussi permettre à l'enfant de prendre connaissance de la région où il habite. Pour ce, chacun des trois atlas suivra une voie particulière. L'atlas de Damian se présente comme le plus "régional" des trois: pour le Québec, il présentera, en cartes et en photos, chacune des 10 régions administratives du Québec, et pour le Canada, il adoptera aussi un découpage en grandes régions. L'atlas de Carrière se limite à un nombre plus restreint de régions (4), mais les régions choisies font l'objet d'un traitement plus en profondeur: il y a là un bel exemple d'intégration de données de toutes sortes pour une même région. L'atlas de Graf, fait une présentation cartographique des 18 régions touristiques du Québec: l'auteur laisse à l'écolier ou à l'enseignant le soin de recueillir les dépliants ou les guides touristiques récents qui ont été produits sur la région qui l'intéresse davantage, qui sont habituellement facilement accessibles, et qui sont justement produits en respectant ce découpage territorial.

Chacun des trois atlas a le bonheur de posséder des

caractéristiques propres qui le rend intéressant, mais sur lesquelles cette courte analyse ne permettait pas d'élaborer suffisamment.

L'atlas de Graf, c'est d'abord un atlas de grande qualité: qualité de la cartographie, qualité des illustrations, qualité générale de la présentation, et qualité de l'impression. Au niveau des manuels scolaires, les enfants d'aujourd'hui ont rarement la chance d'en voir de si beaux.

Pierre Lépine
Bibliothèque nationale du Québec
Ministère des Affaires culturelles

USSR Energy Atlas. Washington, D.C.: Central Intelligence Agency, 1985. 79 p., maps, ill., tables, gazetteer.

U.S. Government Stock no. 041-015-00157-4.

According to the compilers of this atlas "the USSR is better endowed with energy resources than any other country in the world. It is the world's largest oil producer and has the largest oil reserves outside the Persian Gulf region." One of a family of resource and political atlases published by the U.S. Central Intelligence Agency, this atlas provides a concise, balanced, and well illustrated treatment of the energy situation within the USSR. Some of the other atlases published by the CIA include: *Polar Regions Atlas* (1978); *Indian Ocean Atlas* (1976), *Peoples Republic of China: Administrative Atlas* (1975), and *USSR Agriculture Atlas* (1974).

The volume is divided into four major sections: domestic and international issues; fuel resources; electric power; and alternative energy sources and technologies. This last section discusses such diverse energy sources as synfuels, solar energy, wind energy, tidal power, geothermal energy, magnetohydrodynamic

power, and thermonuclear fusion. Accompanying the atlas is a folded reference map of the Soviet Union. The map, at a scale of 1:12 000 000 and measuring 52 cm X 78 cm (unfolded), shows populated places, major railroads, and important relief and hydrographic features. The 10-page gazetteer provides for each place name the type of feature (e.g., populated place, oilfield, power station), latitude, longitude, and page reference.

With respect to the contents of the atlas, approximately half is text and half is illustrative material; there are 32 maps, 43 colour photographs, 24 black and white photographs, 1 Landsat image, and numerous diagrams, graphs, and tables. The treatment accorded the subject of the atlas is comprehensive in scope and detailed to an extent that is quite unexpected given the secretive nature of this communist country. The CIA states that "Since 1947 Moscow has treated the size and location of its oil reserves as a state secret, publishing only occasional, fragmentary, and inconsistent data".

The energy situation in the USSR is described from a variety of perspectives: from the geological and technological (engineering) aspects to those of an economic, social, political, and administrative nature. There are a number of references in the text to forces at work which derive from the inefficiencies inherent to the Soviet political and bureaucratic structure. For example, "the depletion of the most easily exploitable reserves is because of poor logistic coordination of materials and supplies." "Although health and accident statistics are not published, the Soviet coal industry is known to have a mediocre mining safety record compared with that of the United States." "Demand for power exceeds supply during peak hours. Voltage drops and brownouts are common..."

Because this atlas was published in 1985 there is no mention made of the Chernobyl nuclear accident (26 April 1986). It is interesting to note that Chernobyl is (or was!) one of the two largest nuclear power stations in the USSR; its gross installed capacity (as reported in January 1984) was 4 000 megawatts, a capacity rivalled only by the Leningrad station. There is a statement in the atlas to the effect that France, China, and the Soviet Union are the only nations now generating elec-

tricity from ocean tides. I immediately thought of Canada's tidal power installation on the Bay of Fundy in Nova Scotia but, alas, it would seem from the quick research that I did that this station is still not operational.

This is an extremely useful acquisition for academic libraries, especially those supporting courses and programs focussing on the Soviet Union and on resource management. Public libraries, other than those with a major commitment to supporting research activities, might choose not to acquire this publication. The

quality of the maps and other illustrative material is first-rate and the statistical and other textual information is well presented and current (as of the period 1980 to 1984). However, as with other CIA atlases the binding is flimsy: the soft covers are simply stapled to the contents. Libraries are well advised to rebind upon receipt of this item.

Richard Hugh Pinnell
University Map & Design
Library
University of Waterloo

BOOK NOTES

International Directory of Library, Archives and Information Science Associations. 2nd ed. Paris: UNESCO, 1986. 160 p., Publication No. PGI-86/WS/20. (no price given)

This trilingual Directory (French/English/Spanish) is an up-dated version of the previous edition, published in 1983. There are 392 associations included. The Directory consists of two parts: the first is devoted to international associations; the second, to national associations grouped by country. Within each country, the associations are arranged alphabetically by titles (for the USA, the associations are listed by state). The countries are grouped in French alphabetical order. Indexes by title and country complete this Directory.

Lorraine Dubreuil
Map & Air Photo Library
McGill University

Dzikowski, Peter Anthony. *Nova Scotia Agroclimatic Atlas*. Truro, N.S.: Department of Agriculture and Marketing, 1985. xi, 17 p., maps.

Dzikowski, Peter Anthony, [et al.]. *The Climate For Agriculture in Atlantic Canada*. Halifax, N.S.: Atlantic Advisory Committee on Agrometeorology, 1984. 53 p., ill., maps. Publication no. ACA 84-2-500. \$5.00.

These two publications bring together a variety of climatic information particularly relevant to agriculture. Their format is similar: the maps are preceded by a generalized discussion of the regional climate and then by a discussion of each individual map. The maps are in black and white and in scales ranging from around 1:750 000 to 1:3 400 000. As sources of fairly detailed regional climatic mapping, these two atlases should be available in all Canadian map collections.

Susan Greaves
Macdonald Science Library
Dalhousie University

RECENT CATALOGUING RECORDS

Renée Schleussing

Contributors for this issue:

(Acronyms used are based on UTLAS "WHO Institutions and Source Codes")

UCL : University of Calgary Library

UTL : University of Toronto Library

* : Indicates originating library of cataloguing record used

Non-series miscellaneous map records

Africa [CIA] 800240 (545531) Scale 1:40 000 000.
Washington : Central Intelligence Agency, 1985.
1 map : col. ; 23 x 25 cm.

Shows provincial boundaries.

"Boundary representation is not necessarily authoritative". Includes portions of bordering countries.

NTIS: PB85-92806.

UCL*

Amistad National Recreation Area / produced by the United States Geological Survey in cooperation with the National Park Service. Scale 1:50 000 ; Universal transverse Mercator proj. (W101° 49'00"—W 100°51'00"/N 29°55'00"—N 29°24'30") [Reston?] : Geological Survey, 1985.
1 map in 2 sections : both sides, col. ; on sheet 71 x 125 cm. (National park series (Topographic))

Map edited 1984; relief by contours & spot hts.; roads; trails; hydrographic detail; recreation info.; water distance table; insets: [Diablo East]—[Rough Canyon]—Vicinity map—Index to maps.—Contents: on recto: Langtry and vicinity—Del Rio and vicinity.

UTL*

Azimuthal equidistant projection centered on Moscow, USSR, [CIA] 800398 : 55°45'N, 37°35'E. Scale 1:32 000 000 ; Azimuthal equidistant proj. Washington : Central Intelligence Agency, 1985.
1 map : col. ; 69 cm. diam., on sheet 74 x 74 cm.

Shows international boundaries (not necessarily authoritative) and capital cities.

The Berlin region [CIA] 800120. Scale 1:75 000 ; Transverse Mercator proj. (E 12°50'—E 13°50'/N 52°45'—N 52°15') Washington : Central Intelligence Agency, 1985.
1 map : col. ; 72 x 97 cm.

Shows autobahns, roads (classified by surface), railroads, s-bahn and u-bahn systems, airfields, parks, forests and moors.

Shows street names, border crossing points and administrative divisions.

Gazetteer on verso.

UCL*

Bolivia [CIA] Base 800455. Scale [ca. 1:12 000 000] Washington : Central Intelligence Agency, 1986.
1 map : col. ; 20 x 17 cm.

Shows international and departmental boundaries, national and department capitals, railroads and roads.

Relief shown by hill shading.

Includes portions of bordering countries.

NTIS: PB86-928352.

UCL*

Central America [CIA] 800619 (547125) Scale 1:9 500 000 ; Lambert conformal conic proj., standard parallels 9°N and 17°N. Washington : Central Intelligence Agency, 1986.
1 map : col. ; 21 x 16 cm.

Shows boundaries and capitals.

"Boundary representation is not necessarily authoritative".

NTIS: PB86-928324.

UCL*

Central America and the Caribbean [CIA] Base 800363 (A05340) Scale 1:21 500 000; Lambert conformal conic proj. (W 92°—W 51°/N 32°—0°) Washington: Central Intelligence Agency, 1986. 1 map: col.; 17 x 22 cm.

Also covers north part of South America. Shows international boundaries, capitals and selected cities. "Boundary representation is not necessarily authoritative".

NTIS: PB86-928327.

UCL*

China, military regions [CIA] 800600 (545114) Scale [ca. 1:32 000 000] Washington: Central Intelligence Agency, 1986. 1 map: col.; 17 x 17 cm.

Shows military region boundaries, provincial-level boundaries, military region capitals and provincial-level capitals.

"Boundary representation is not necessarily authoritative".

Includes portions of bordering countries.

NTIS: PB86-928326.

UCL*

Colombia [CIA] base 800441. Scale [ca. 1:10 000 000] (W 80°—W 66°/N 13°—S 3°) Washington: Central Intelligence Agency, 1985. 1 map: col.; 22 x 17 cm.

Certain islands of the Archipelago de San Andres y Providencia and the Isla de Malpelo belonging to Colombia are not shown.

Shows portions of bordering countries.

Shows international and internal administrative boundaries, national and internal administrative capitals, railroads and roads.

"Boundary representation is not necessarily authoritative".

NTIS: PB86-928318.

UCL*

Colombia [CIA] base 800442. Scale [ca. 1:10 000 000] (W 80°—W 66°/N 13°—S 3°) Washington: Central Intelligence Agency, 1985. 1 map: col.; 22 x 17 cm.

Certain islands of the Archipelago de San Andres y Providencia and the Isla de Malpelo belonging to Colombia are not shown.

Shows portions of bordering countries.

Shows international and internal administrative boundaries, national capitals, internal administrative capitals, railroads and roads.

Relief shown by hill shading.

UCL*

Guinea [CIA] Base 800449 (A05188) Scale [ca. 1:5 300 000] (W 15°—W 6°/N 14°—N 5°) Washington: Central Intelligence Agency, 1985. 1 map: col.; 20 x 17 cm.

Also covers portion of Gambia, Senegal, Mali, Ivory Coast, Liberia, and all of Sierra Leone and Guinea-Bissau.

Shows international and regional boundaries, national and regional capitals, railroads and roads.

NTIS: PB86-928329.

UCL*

India's religions [CIA] 706406. Scale [ca. 1:20 000 000] Washington: Central Intelligence Agency, 1985. 1 map: col.; 17 x 20 cm.

Shows international boundaries and national capitals.

Inset: Graph of the percentage of different religions.

"Boundary representation is not necessarily authoritative".

Data from census of India, 1981.

Includes portions of bordering countries.

NTIS: PB86-928317.

UCL*

Indian Ocean area [CIA] 800370. Scale 1:15 200 000. Washington : Central Intelligence Agency, 1986.
1 map : col. ; 84 x 106 cm.

Shows international boundaries and national capitals.

“Boundary representation is not necessarily authoritative”.

Includes Australia, portions of Asia, Near East and eastern Africa.

NTIS: PB86-928320.

UCL*

Kabul [CIA] 504523. Scale [ca. 1:50 000] Washington : Central Intelligence Agency, 1980.
1 map : col. ; 22 x 16 cm.

Shows restaurants, hotels, embassies, hospitals, university, industries and cultural features.

NTIS: PB86-928326.

UCL*

Kurdish areas in the Middle East and the Soviet Union [CIA] 800603. Scale [ca. 1:20 000 000] (E 30°—E 75°/N 49°—N 20°) Washington : Central Intelligence Agency, 1986.
1 map : col. ; 17 x 21 cm.

Shows international boundaries and national capitals.

“Boundary representation is not necessarily authoritative”.

NTIS: PB86-928326.

UCL*

Latin America [CIA] 800289 (A04858) Scale 1:13 000 000 (W 125°—W 20°/N 40°—S 80°) Washington : Central Intelligence Agency, 1986.
1 map : col. ; 84 x 107 cm.

Shows international boundaries, capitals and selected cities.

“Boundary representation is not necessarily authoritative”.

NTIS: PB86-928332.

UCL*

Malawi [CIA] 800184 (A04821) Scale [ca. 1:5 000 000] (E 33°—E 36°/S 15°—S 17°) Washington : Central Intelligence Agency, 1985.
1 map : col. ; 20 x 17 cm.

Shows international and regional boundaries, national and regional capitals, railroads and roads.

Includes portions of bordering regions.

NTIS: PB85-928030.

UCL*

Malawi [CIA] 800185 (A04821) Scale [ca. 1:5 000 000] (E 33°—E 36°/S 15°—S 17°) Washington : Central Intelligence Agency, 1985.
1 map : col. ; 20 x 17 cm.

Shows international and regional boundaries, national and regional capitals, railroads and roads.

Includes portions of bordering regions.

Relief shown by hill shading.

NTIS: PB85-928030.

UCL*

Mapa planimetrico de imagenes de satelite 1:250 000 : Peru. Scale 1:250 000 ; Transverse Mercator proj. Neu Isenburg, West Germany : Institut for Applied Geosciences, 1984.

88 maps : col. ; 67 x 76 cm. or smaller.

Prepared and printed by IFG, Institute for Applied Geosciences for the Government of Peru.

Shows populated places, boundaries, airports, landing strips, roads, landmark features, mines and railroads.

Relief shown by spot heights.

Legend and glossary in Spanish, English, Portuguese and French.

“Mapa confeccionado a partir de imagenes de Satellite LANDSAT (NASA), barredor multispectral (MSS), bandas 4, 5 y 7, procesado geométricamente y control horizontal”.

Distributed as part of the America 1:250 000

series of the Pan American Institute of Geography and History (PAIGH)

Each sheet also has a distinctive title.

Each sheet includes index to Landsat images and a series index diagram.

UCL*

Middle America [CIA] 800451 (A05541) Scale 1:31 000 000 ; Lambert conformal conic proj., standard parallels 9°N and 17°N (W 120°—W 51°/N 40°—S 5°) Washington : Central Intelligence Agency, 1986.

1 map : col. ; 17 x 22 cm.

Shows international boundaries, capitals and selected cities.

“Boundary representation is not necessarily authoritative”.

NTIS: PB86-928327.

UCL*

Middle East [CIA] 800179. Scale 1:33 000 000 ; Mercator proj. (E 6°—E 66°/N 48°—N 10°) Washington Central Intelligence Agency, 1985.

1 map : col. ; 16 x 21 cm.

Shows international boundaries, national capitals and major cities.

“Boundary representation is not necessarily authoritative”.

UCL*

Middle East [CIA] 800239 (545530) Scale 1:18 000 000 (E 34°—E 66°/N 42°—N 12°) Washington : Central Intelligence Agency, 1985.

1 map : col. ; 23 x 23 cm.

“Boundary representation is not necessarily authoritative”.

NTIS: PB85-928025.

UCL*

Narcotics smuggling : major routes and cultivation areas [CIA] 706370. Scale [ca. 1:60 000 000] Washington : Central Intelligence Agency, 1985.

1 map : col. ; 25 x 47 cm.

Shows major routes of cocaine, hashish/oil, marijuana and opiates, and shows cultivation areas of coca, hashish, licit/illicit opium and marijuana.

Shows underground money centres for major trafficking groups.

UCL*

Native languages of the northwest coast [North America] / text and language boundaries: Wayne Suttles; cartography and graphic design: Cameron Suttles. Scale 1:3 000 000 ; Lambert conic conformal proj. [Portland, Ore.] : Press of the Oregon Historical Society, 1985.

1 map : col. ; 62 x 102 cm.

“A Sam Johnson commemorative publication”; 15 languages classes; inset: [Location map]; text; sources.

UCL*

New Caledonia's Pacific setting, [CIA] 704817 (A05166) Scale [ca. 1:3 200 000] (E 163°20'—E 168°22'/S 19°30'—S 22°48') Washington : Central Intelligence Agency, 1985.

1 map : col. ; 12 x 17 cm., on sheet 28 x 22 cm.

Shows commune boundaries, commune centres and roads.

Relief shown by hill shading and spot heights.

Ancillary map: [Location map : South Pacific] Scale [ca. 1:83 000 000] 7 x 8 cm.

UCL*

Nicaragua [CIA] Base 800264 (545340) Scale [ca. 1:3 700 000] (W 88°—W 83°/N 16°—N 10°) Washington Central Intelligence Agency, 1985.

1 map : col. ; 17 x 17 cm.

Also shows portion of Honduras and Costa Rica. Show international and departamento boundaries,

national and departamento capitals, railroads and roads.

“Boundary representation is not necessarily authoritative”.

UCL*

Nicaragua [CIA] 800265 (545340) Scale [ca. 1:3 700 000] (W 88°—W 83°/N 16°—N 10°) Washington : Central Intelligence Agency, 1985.
1 map : col. ; 17 x 17 cm.

Also shows portion of Honduras and Costa Rica.

Shows international and departamento boundaries, national and departamento capitals, railroads and roads.

Relief shown by hill shading.

“Boundary representation is not necessarily authoritative”.

UCL*

North America [CIA] 506025 (A03062) Scale 1:46 000 000 ; Azimuthal equal-area proj. Washington : Central Intelligence Agency, 1984.
1 map : col. ; 20 x 17 cm.

Shows international boundaries, national capitals and some major cities.

“Boundary representation is not necessarily authoritative”.

NTIS: PB86-928316.

UCL*

The Philippines / produced by the Cartographic Division, National Geographic Society. Scale 1:2 844 000. 1 cm. = 28 km. or 1 in. = 45 miles ; Lambert conformal conic proj., standard parallels 6° and 30°. Washington National Geographic Society, Cartographic Division, 1986.
1 map : col. ; 66 x 50 cm.

“Supplement to the National Geographic, July 1986, page 76A, Vol.170, No.1”.

Shows roads, railroads, air service, swamps, reefs, shoals, provinces and capitals.

Relief shown by bathymetric tints and hill shad-

ing; soundings and spot heights in metres.

Inset: Distance map.

Covers 28 550 B.C.-1986.

Includes portion of Borneo.

On verso: The history of the Philippines. 6 historical maps, ill. and text.

UCL*

Selected ethnic groups, [Nepal, CIA] 800393 (A05426) Scale [ca. 1:4 000 000] (E 80°—E 88°/N 31°—N 26°) Washington : Central Intelligence Agency, 1985.
1 map : col. ; 16 x 22 cm.

Also shows portion of China, India and Bangladesh.

Shows overall areal distribution of selected ethnic groups.

Shows selected cities.

“Boundary representation is not necessarily authoritative”.

UCL*

Somalia [CIA] Base 800335. Scale [ca. 1:7 000 000] Washington : Central Intelligence Agency, 1985.
1 map : col. ; 24 x 17 cm.

Shows international and regional boundaries, national and regional capitals, railroads and roads.

“Boundary representation is not necessarily authoritative”.

Relief shown by hill shading.

Includes portions of bordering countries.

NTIS: PB86-928316.

UCL*

South Africa : black homelands [CIA] 800481 (543001) Scale [ca. 1:10 000 000] Washington : Central Intelligence Agency, 1986.
1 map : col. ; 17 x 20 cm.

Shows independent homelands, dependent homelands, homeland seats of government and provincial boundaries.

- Includes portions of bordering countries.
 NTIS: PB86-928317.
 UCL*
- South Africa [CIA] 800482 (543001) : agricultural activity and production. Scale [ca. 1:10 000 000] Washington : Central Intelligence Agency, 1986.
 1 map : col. ; 17 x 20 cm.
- Shows cattle, mixed cultivation, sheep, sugarcane, marginal land, fruit, grain, poultry, tobacco, vineyards, and provincial boundaries.
 Includes graph of total gross value of agricultural production for 1981/82.
 Data coverage, 1981-1982.
 Includes portions of bordering Namibia, Botswana, Zimbabwe and Mozambique.
 NTIS: PB86-928317.
 UCL*
- South Asia [CIA] 800362. Scale 1:4 600 000 (E 60°—E 100°/N 40°—S 5°) Washington : Central Intelligence Agency, 1985.
 1 map : col. ; 106 x 83 cm.
- Shows international boundaries and major cities.
 "Boundary representation is not necessarily authoritative".
 UCL*
- Southeast Asia [CIA] 800242 (545533) Scale 1:23 000 000 (E 92°—E 142°/N 28°—S 15°) Washington : Central Intelligence Agency, 1985.
 1 map : col. ; 23 x 27 cm.
- Shows international boundaries and capitals.
 "Boundary representation is not necessarily authoritative".
 NTIS: PB85-928024.
 UCL*
- Soviet Union [CIA] 800592. Scale 1:12 000 000 ; Lambert conformal conic proj., standard parallels 47°N and 62°N. Washington : Central Intelligence

- Agency, 1986.
 1 map : col. ; 53 x 78 cm.
- Shows international boundaries, international boundaries in dispute, national capitals, railroads and populated places.
 Includes portions of bordering countries.
 NTIS: PB86-928323.
 UCL*
- Soviet Union [CIA] Base 800396 (545499) Scale [ca. 1:38 000 000] Washington : Central Intelligence Agency, 1986.
 1 map : col. ; 16 x 24 cm.
- Shows international boundaries, national capitals and railroads.
 "Boundary representation is not necessarily authoritative".
 Includes portions of bordering countries.
 NTIS: PB86-928318.
 UCL*
- Soviet Union [CIA] 800598. Scale 1:12 000 000 ; Lambert conformal conic proj., standard parallels 47°N and 62°N (W 10°—E 170°/N 90°—N 30°) Washington : Central Intelligence Agency, 1986.
 1 map : col. ; 53 x 79 cm.
- Also shows all of or portions of countries and islands bordering the Soviet Union.
 Shows international boundaries, national capitals, railroads and populated places.
 Relief shown by hill shading and spot heights.
 "Physiographic names and boundary representation are not necessarily authoritative".
 NTIS: PB86-928331.
 UCL*
- Vietnam [CIA] Base 800470 (546744) Scale [ca. 1:7 000 000] (E 101°—E 111°/N 24°—N 9°) Washington Central Intelligence Agency, 1985.
 1 map : col. ; 25 x 17 cm.
- Also shows Cambodia, Laos and portions of

Thailand and China.

Shows international and provincial boundaries, national and provincial capitals, major cities, railroads, roads and trails.

NTIS: PB86-928318.

UCL*

Vietnam [CIA] Base 800471 (546744) Scale [ca. 1:7 000 000] (E 101°—E 111°/N 24°—N 9°) Washington Central Intelligence Agency, 1985.

1 map : col. ; 25 x 17 cm.

Also shows Cambodia, Laos and portions of Thailand and China.

Shows international and provincial boundaries, national and provincial capitals, major cities, railroads, roads and trails.

Relief shown by hill shading.

UCL*

The World [CIA] 800466. Scale 1:60 000 000 ; Miller cylindrical proj. Washington : Central Intelligence Agency, 1985.

1 map : col. ; 49 x 94 cm.

Shows international boundaries and major cities. Shows research station on Antarctica.

NTIS: PB85-928319.

UCL*

[World map] November 1985, [CIA] 800467 (545037) Scale [ca. 1:23 000 000 at the equator] (W 180°—E 180°/N 85° S 60°) Washington : Central Intelligence Agency, 1985.

1 map on 2 sheets : col. ; 90 x 175 cm., sheets 93 x 91 cm.

Shows international boundaries (not necessarily authoritative) and capitals.

NTIS: PB86-928309.

UCL*

[World map] January 1986, [CIA] 800497. Scale 1:85 000 000 ; Miller cylindrical proj. Washington : Central Intelligence Agency, 1986.

1 map : col. ; 25 x 48 cm.

“Boundary representation is not necessarily authoritative”.

Map series/serials miscellaneous records

EEC—agriculture / editor-in-chief: Ulrich Gunzert ; cartography: Adolf Böhm. English language ed. Scale [ca. 1:9 600 000 and ca. 1:10 900 000] Munich Süddeutscher Verlag, 1986.

3 maps on 1 sheet : col. ; sheet 84 x 119 cm. (JRO topic map ; no.86-2)

Shows the European Economic Community (EUR 12)

Data coverage, 1950-1983.

Includes graphs.

UCL*

Are we tampering with the climate? / editor, Ulrich Gunzert. English language ed. Scale [ca. 1:63 600 000] Munich Süddeutscher Verlag, 1986.

4 maps on 1 sheet : col. ; sheet 84 x 119 cm. (JRO topic map ; no.86-3)

Includes graphs.

UCL*

Africa -diversity and division / editor: Ulrich Gunzert. English language ed. Scales differ. Munich : Süddeutscher Verlag, 1986.

6 maps on 1 sheet : col. ; 38 x 39 cm. or smaller, sheet 84 x 119 cm. (JRO topic map ; no.86-4)

Cartography by Adolf Böhm.

Shows social and political geography of Africa.

Date on cover 1985.
Includes graphs.

UCL*

The Environment in danger : the forests of the earth
/editor: Ulrich Gunzert. English language ed.
Scales differ. Munich : Süddeutscher Verlag,
1986.
5 maps on 1 sheet : col. ; 35 X 53 cm. or smaller,
sheet 84 x 119 cm. (JRO topic map ; no. 86-5)

Cartography by Adolf Böhm.

Date on cover, 1985.

Data covers 1978 to 1985, with projections to the
year 2000.

Includes graphs.

UCL*

Pacific Northwest / produced by the Cartographic
Division, National Geographic Society. Scale 1:2
216 000. 1 cm. = 22 km. or 1 in. = 35 miles ;
Albers conical equal-area proj., standard parallels
29°30' and 45°30'. Washington : National Geo-
graphic Society, Cartographic Division, 1986.
1 map : col. ; 50 x 67 cm. (The Making of Amer-
ica ; map 12, 1986)

"Supplement to the National Geographic, August

1986, Page 146A, Vol.170, No.2".

Shows roads, battlefields, ghost towns, sites,
passes, indian reserves, national parks, water and
historical points of interest with descriptive text.

Relief shown by hill shading ; spot heights in
metres.

Covers 1500-1986.

On verso: 9 history maps, ill. and text.

UCL*

Texas / produced by the Cartographic Division, Na-
tional Geographic Society. Scale 1:2 736 000. 1
cm. = 27 km. or 1 in. = 43 miles ; Albers conical
equal-area proj., standard parallels 29°30' and
45°30'. Washington : National Geographic
Society, Cartographic Division, 1986.

1 map : col. ; 50 x 67 cm. (The Making of Amer-
ica ; map 11, 1986)

"Supplement to the National Geographic, March
1986, Page 310A. Vol.169, No.3".

Shows roads, railroads, canals, air service, histori-
cal trails, sites, battlefields, mining areas, ruins,
pueblos, missions, national parks, indian reserves,
water and points of historical interest with descrip-
tive text.

Covers 1519-1986.

Includes portions of bordering states and Mexico.

On verso: 6 maps, ill. and text.

UCL*

REGIONAL NEWS

Margaret Hutchison

ALBERTA

1. The Alberta Bureau of Surveying and Mapping and its marketing arm, Maps Alberta, has been incorporated into a new Department of Forestry, Lands and Wildlife. The address for various divisions of the Bureau remain the same. A 1987-88 catalogue of map products is available. In that catalogue you will find a new 1:20 000 Base series. About 800 sheets are presently available and the series is scheduled for completion in 1991. About 500 maps are being produced per year on stable base separates and tape. For the present, diazo prints only are available as a means of gauging the market. Since updating is taking place on an ongoing basis, the maps may, in fact, never be published. Prints are \$3.00 each. A matte positive can be had for \$32.00 on film, or \$15.00 on photo paper. Digital data is available at the following prices: Administrative boundaries \$2.00; Township surveys \$2.00; Contours \$15.00; DEM \$15.00; Hydrography \$3.00; Transportation \$3.00, for a total of \$40.00. If you have ABS provide the tape that will cost you \$50.00. At least three sheets can be put on one tape. For the first time, ABS is contracting out some of its thematic maps.

Also for the first time, the 1:750 000 wall map in two sheets, is being produced from digital data. All revision and update will take place in the digital files. Maps Alberta has been pushing privatization of distribution and now has about 80 dealers scattered around the Province. After a year or so of this operation they are launching an assessment of the program and some of the less successful dealers will probably be dropped. The entire distribution system is now on a cost recovery basis.

2. I have been remiss in not bringing to the attention of ACML members, the availability of *Thinking about our heritage*, a Hosford study atlas. The atlas was produced and published in Edmonton by Hosford Publishing in 1985. It is an historical atlas for schools, best suited probably for Junior High level but enjoyable and informative well beyond that level. Hosford developed it in close co-operation with the Curriculum Development Branch of the B.C. Ministry of Education.

3. The University of Alberta map collection has again taken part in an exhibition of maps of Ukraine. From March 31-May 31, 1987, *Land of the Cossacks: Antiquarian Maps of the Ukraine* was on display at the Ukrainian Cultural and Educational Centre, 184 Alexander Avenue East, Winnipeg, Manitoba R3B 0L6. A very handsome catalogue of that exhibition, prepared by guest curator Bohdan S. Kordan, is available from the Centre, prepaid for \$8.50.

4. *Landforms of Alberta interpreted from airphotos and satellite imagery* was put together by D.G. Smith, Univ. of Calgary, for the Alberta Remote Sensing Centre (sic), Alberta Environment, 11th floor, 9820 - 106 St., Edmonton, Alberta T5K 2J6. It's free but will only be available to people outside Alberta after in-Province requests have been filled. They will certainly entertain your requests however, so write soon.

5. "*Ukrainian Lands*" *Maps in the University of Alberta Map Collection: A cartobibliography* by Paul T. Friesen was a major project in the Faculty of Library Science at the U. of A. in the Winter of 1987. It will be published in late summer or early Fall by the Canadian Institute of Ukrainian Studies at the U. of A. in their *Research Report Series*.

Ron Whistance-Smith
University of Alberta

BRITISH COLUMBIA UBC Library - Map Library

Maureen Wilson has a library school student for the summer on the provincial government's Challenge '87 summer work programme. Her name is Christine Graham, and she is sorting gifts and doing other much-needed jobs. The Map Library's romance culminated in a wedding this spring, when former Library Assistant, Phil Hall, married Karen Goliath, former student assistant in the Map Library. And now they are happily married librarians!

UBC Library - Special Collections

I have a Challenge '87 student courtesy the Dept. of Asian Studies, to edit the catalogue of early Japanese maps on-line, and to do various other jobs associated with the collection. The Vancouver Art Gallery is planning a major exhibition of the Japanese maps to open in the Spring of 1989. It will later travel to Yokohama and possibly the US.

UBC Map & Air Photo Centre, Dept. of Geography

The Centre will be closed from the beginning of July until September as Rosemary Hadley will be on maternity leave until December. It is hoped that the Department will provide a replacement for the fall term. Rosemary has been busy weeding and reorganizing the collection, which will now cover primarily British Columbia and Canada, and hopes to finish before Jessica Rose arrives. Rosemary and Shelley Tegart are beginning to plan for a merger of the Centre and the Geography Reading Room. Some ACML members may remember Shelley from when she worked with Maureen in the Map Library.

Simon Fraser University - Map Library

Jack Corse is still dividing his time between the Map Library and general reference and computer searching. He is once again giving a course in the School of Library, Archival and Information Studies (now referred to as SLAIS) on financial management for librarians, with a record 22 students this time! In the meantime, his Map Library has physically shrunk, with fifteen feet lopped off for a Research Data Library. And he hopes to increase his collection of British Columbia maps!

Provincial Archives of British Columbia

Glen Isaacs, an MAS graduate from UBC, took over the Map Division last summer when Geoff Castle retired.

Map Society of British Columbia

The Map Society has had another busy year, and membership continues to grow. We started the year with a talk by Joe Armstrong on Champlain's maps. Maureen Wilson gave a very well-attended talk on maps of London, including guidebooks and bird's-eye views. Others were on Christopher Saxton, the Antonine Wall, and the Burns country, and finishing with a talk on the use of aeronautical charts and other maps by people in small planes (small planers?). Now we look forward to another good year starting in September. Perhaps we'll hear from the small boaters.

Ex-B.C.

A note from Mary Javorski at Christmas indicated she is enjoying life in Clinton, N.Y. She was not working, but was planning to get involved with the historical society, which she is sure must have some maps, and which is preparing for a bicentennial.

Frances Woodward
Historical maps and
Cartographic Archives
University of British
Columbia

ONTARIO

CARTOGRAPHIC AND ARCHITECTURAL ARCHIVES DIVISION, NATIONAL ARCHIVES OF CANADA, OTTAWA

GENERAL NUMBER,	
Reference Room.....	995-1079 & 992-8188
CADIEUX, Francine.....	996-7640
CARDINAL, Louis.....	996-7619
CUMMINGS, Marguerite.....	992-0468
DAHL, Ed.....	995-1452
GALLAGHER-FIEBIG, Kathy.....	992-8189

GERLITZ, Craig.....	995-1077
GRANDMAITRE, Robert.....	995-1078 / 995-1079
HALLETT, Brian.....	996-7613
KAZYMYRA-DZIOBA, Nadia.....	996-7650
KIDD, Betty.....	996-7605 / 992-0468
LALLIER, Marie.....	995-1077
LANGELIER, Gilles.....	996-7628
LATTÉ, Rolf.....	995-9156
MCINTYRE, Patrick.....	995-1078 / 992-8188
MOUSAW, Norma.....	996-7611
MURRAY, Jeffrey.....	996-7637
NAGY, Thomas.....	996-7615
PARKER, Velma.....	996-7611
PEPIN, Anne-Marie.....	996-6020
PORTER, Donna.....	996-6020
RAINVILLE, Alain.....	996-7618
SAS, Joseph.....	992-8193
STEVENS, Heather.....	996-7639
WEEDMARK, Bruce.....	996-7607

QUEBEC

Lorraine Dubreuil has been granted a Sabbatical Leave from McGill University from July 1, 1987 - June 30, 1988. The purpose of the leave is to compile and publish definitive map bibliographies (supplemented by historical textual material and illustrations) of Canada's early topographic map series. Correspondence regarding the *Bulletin* should still be sent to McGill University.

RENCONTRE DES CARTOTHECAIRES DU QUEBEC, Vendredi 8 mai 1987

Université Laval, Bibliothèque, Salle 1291, 13h30

Mot de bienvenue de Monsieur Yves Tessier

Etaient présents:

Antonine Gagnon	Archives nationales du Québec (Québec)
Louise Emond	Hydro-Québec
Christiane Desmarais	I.N.R.S. Urbanisation
Cécile Fugulin	Université de Montréal
Diane Quiron-Turcotte	Université de Sherbrooke
Françoise Lange	Université du Québec à Chicoutimi

Yves Michaud	Université du Québec à Rimouski
Marie Lefebvre	Université du Québec à Trois-Rivières
Yves Tessier	Université Laval
Jacques Martinez	Université Laval

Invités spéciaux:

Edward Dahl	Archives publiques du Canada
Alberta Wood	Memorial University (Newfoundland)

Ordre du jour proposé et adopté:

1. Distribution des photographies aériennes des Archives nationales du Québec.
2. Méthode de citation bibliographique des documents cartographiques.
3. Manuscrit: Le Québec septentrional : dossier cartographique, milieu physique (Environnement Canada) : appui à la publication.
4. *Répertoire des collections canadiennes de cartes*. 5e édition, 1986.
5. Association des cartothesques canadiennes. Facsimilés de cartes historiques. 3e série.
6. Varia.

-
1. Distribution des photographies aériennes des Archives nationales du Québec.

Mme Antonine Gagnon nous informe qu'elle a 300 à 400 boîtes de photographies aériennes à distribuer. Ces dons proviennent de la Photocartotheque québécoise et de d'autres ministères. Ces documents se présentent sous la forme de diapositives sur verre (accompagnées de la copie sur papier) et de diapositives sur film (sans la copie sur papier). Années: entre 1958 et 1971. La liste des photographies est remise aux participants. Pour la distribution, la priorité sera accordée d'abord à la cartotheque de la région couverte. Les personnes intéressées sont priées de retourner la liste avant le 1er septembre.

Pour le transport, les photographies pourront être acheminées dans les bureaux régionaux des Archives nationales du Québec.

Yves Tessier nous informe qu'il a reçu deux (2) dons de photographies aériennes pour le Québec méridional. Les photographies sont interprétées et classées dans des boîtes selon le S.N.R.C..

- Années 1966-1968 Inventaire des terres du Canada
(Utilisation du sol et potentiel)
- Années 1977 Ministère de l'Agriculture, de Pêcheries et de l'Alimentation
(Utilisation du sol).

Ces photographies sont disponibles pour la consultation.

2. Méthode de citation bibliographique des documents cartographiques.

Françoise Lange nous expose les difficultés qu'elle a rencontrées pour normaliser la description bibliographique des documents cartographiques pour ses usagers en sciences humaines et appliquées.

Discussion.

Yves Tessier propose que les responsables des cartothèques conseillent à leurs usagers de suivre les prescriptions de l'ISBD(CM) pour la rédaction des citations bibliographiques des cartes et la norme ISO pour ce qui n'est pas couvert par l'ISBD(CM). Adopté à l'unanimité.

Yves Tessier répond à quelques interrogations:

- Les normes pour le transfert de l'information sont disponibles au Bureau de normalisation du ministère de l'Industrie, du Commerce et du Tourisme.
- Pour la ponctuation, on peut laisser de côté les tirets (-) prescrits par l'ISBD (CM) dans le cas de la citation bibliographique.
- Si la date d'information est différente de la date de publication, la date d'information peut être ajoutée à la suite du titre (comme appartenant au titre).

3. Manuscrit: Le Québec septentrional : dossier cartographique, milieu physique (Environnement Canada) : appui à la publication.

Yves Tessier nous présente quelques planches du manuscrit. Il s'agit d'un atlas monochrome sur le milieu physique. Une partie du contenu illustre du matériel de recherche inédit. Ce document est en attente pour publication.

Devant l'intérêt de cette publication, Yves Tessier propose que les responsables des cartothèques donnent leur appui à une démarche visant à accélérer la publication de ce document "Le Québec septentrional : dossier cartographique, milieu physique". Adopté à l'unanimité.

Yves Tessier rédigera la lettre aux autorités responsables au ministère de l'Environnement du Canada.

4. Répertoire des collections canadiennes de cartes. 5e édition, 1986.

Yves Tessier propose une motion de félicitations à l'endroit de Lorraine Dubreuil pour la 5e édition du *Répertoire des collections canadiennes de cartes* publié par l'Association des cartothèques canadiennes. Adopté à l'unanimité.

Edward Dahl nous signale que l'ACC fait des pressions pour que la partie canadienne du *Répertoire "Map Collections in the United States and Canada : A Directory"* soit retirée puisqu'elle est incomplète.

5. Fac-similés de cartes historiques. 3e série.

Edward Dahl nous décrit sommairement les 25 fac-similés des cartes historiques qui seront disponibles à l'Association des cartothèques canadiennes (Prix: 3\$/unité ou 100\$/la série avec l'index et la couverture). Il s'agit de la troisième série.

Les fac-similés, actuellement épuisés dans les deux premières séries, seront réimprimés.

Edward Dahl nous informe qu'il est possible de parrainer l'impression d'une carte historique. Le coût est de 150\$. L'organisme reçoit alors 100 copies gratuitement, pour une commande supérieure à 10 copies le coût est fixé à 2\$/l'unité. L'organisme-parrain est libre de donner ou de vendre sa carte.

Edward Dahl est responsable de ce dossier et il peut faire le choix du document le plus pertinent pour chacune des régions.

6. Varia.

- Yves Michaud nous informe que la cartotheque de l'U.Q.A.R. revient sous la juridiction du departement de geographie apres un sejour sous l'administration de la bibliotheque generale.

- Le Répertoire cartobibliographique sur la région 01 est en bonne voie de réalisation. Yves Michaud attend une réponse d'une demande de subvention au CRSR. Le Répertoire des photographies sera fait mais dans un bulletin d'information cartologique.

- Françoise Lange prépare actuellement le Répertoire des photographies pour la région 02.

- Edward Dahl nous informe de nouveaux changements administratifs aux Archives publiques du Canada. Le nom même de l'organisme est appelé à changer pour Archives nationales du Canada.

La réunion se termine par une séance de distribution de cartes (doubles de la cartotheque de l'Université Laval).

Marie Lefebvre,
cartothécaire
Université du Québec à
Trois-Rivières

SAVE IT! CONSERVATION / PRESERVATION NEWS

Carol Marley

Encapsulation

Our last column invited readers to send in policies or comment regarding their own institutional practices for protecting maps. Joan Winearls has responded on behalf of the University of Toronto Map Library as follows:

I would like to report on progress in the area of general conservation of maps. A new Department of Preservation Services was set up in the library a few years ago and we have been able to have a small proportion of our maps encapsulated on mylar by that department. We are generally only encapsulating maps on thin paper, and/or in poor condition, some

older important maps and heavy-use items. Naturally we can only do single sheets that do not need to be folded (within 30 X 40 inches for our map drawers) and there is a bit of a problem with oversize items as we have only one oversize cabinet. In some cases we will consider cutting the map and encapsulating in 2 parts but this is often not desirable. The maps are not de-acidified before encapsulation but we are clearly preventing considerable further damage to the map and the process can be reversed at any time. At the moment we are not lending these maps as they do not roll well.

We have also set up a programme and designed a form for map repair which will include the cleaning of maps, removing of covers and possibly old backing

and the repair of major tears. And we are also investigating a public relations programme to get people to handle maps more carefully with the theme 'Don't be a map-masher'.

Control of light for displaying maps

Not all of us have the facilities to properly control light, especially when our maps are put on display. Many of us use filter sleeves for fluorescent lights. Another product that sounds promising is the ultraviolet window filter (Scotchint). This clear film is designed for use on the inside surface of windows or exhibition cases. It can be self-installed; however, the manufacturer's guarantee applies only if professionally installed. Sample price is \$2.00 per square foot, \$3.50 to \$4.00 installed. This information was taken from the TAG Museum and Archival Supplies Handbook, 1985.

Another method of controlling light is to use flexible light optics, apparently first used in the British Library manuscript cases in 1979 for the display of manuscripts and printed books. When the system is in use, the flexible light guides are the only sources of light in the display area—the light source itself is kept outside the case and has no contact with the exhibits. A detailed article on the subject recently appeared in *Library Conservation News*, No. 15, April, 1987, a newsletter emanating from the National Preservation Office of the British Library.

Conservation Programs

Two new training programs have recently been created at Columbia University School of Library Service, in conjunction with the New York University's Conservation Center, Institute of Fine Arts. The first, Program for Conservators of Library and Archival Materials, leads to a M.Sc. and a certificate in Library and Archives Conservation. The second, Program for Preservation Administration, fo-

cuses on developing broad preservation programs. For details write to: Conservation Programs, School of Library Service, 516 Butler Library, Columbia University, New York, N.Y. 10027.

Cornell University has recently established a conservation program, dealing with problems endemic to libraries. A grant from the Mellon Foundation has enabled the University to share its facilities and expertise with other institutions at little or no cost to them. Information available from: Conservation Librarian, 214 John M. Olin Library, Cornell University Libraries, Ithaca, N.Y. 14853.

New Publications

Notizario. Rome, the Centro di Studi per la Conservazione della Carta. The newsletter reports on exhibits, events and literature in the field. Contact: Centro, c/o Mirina Regni, Via Festo Avieno 92, 00136 Rome, Italy.

Exhibitions

McGill University Libraries presented an exhibition, *Mutilation: the Library's Dilemma*, during the autumn of 1986. Jointly created by the Humanities and Social Sciences Library Administration and the Department of Rare Books and Special Collections, the exhibition focused on a broad array of damage done to books, atlases, maps, manuscripts and broadsides, ranging from willful burning of books, ripping out of contents of books, damage resulting from tattle taping and from repairing paper with pressure sensitive tape, underlining, graffiti scrawled across pages and water damage. One case featured conservation techniques used on various rare materials. Response was strong, ranging from outrage that library users would so mistreat books to interest in conservation techniques.

If you are planning to hold such an exhibition, or know of similar ones displayed elsewhere, please share this information with our readers.

MINUTES OF THE FIRST ANNUAL MEETING OF THE ACML MAP USERS' ADVISORY COMMITTEE

10th April 1987, Department of Energy, Mines and Resources,

615 Booth St., Ottawa.

Barbara Farrell

PRESENT:

Louis Cardinal (National Archives, Cartographic and Architectural Archives Division), Aileen Desbarrats (University of Ottawa), Lorraine Dubreuil (McGill University), Barbara Farrell (Carleton University), Lou Sebert (Chair, ACML), Maureen Wilson (University of British Columbia).

Representatives of Map Producing Agencies:

Agriculture Canada: Brian Edwards;
Department of Energy, Mines and Resources,
Surveys and Mapping Branch: Don Anderson,
George Falconer, John Thompson, Lou Aubrey;
Geological Survey of Canada: John Bill, Verne Foster;
Environment Canada, Inland Waters/Lands
Directorate: Gary McLean, Wendy Simpson-Lewis;
Department of Fisheries and Oceans, Canadian
Hydrographic Service: David Monahan;
Statistics Canada, Geocartographics Division:
Marc Lemay, Mike Nuyens.

Introduction.

The first meeting of the ACML Map Users' Advisory Committee took place at the Department of Energy, Mines and Resources on 10 April 1987. The Committee held a sequence of interviews throughout the day with representatives from the major Canadian government map producing agencies. The purpose of the meetings was to discuss issues of mutual concern relating to the needs for and use of Canadian maps, map coverage, map availability and map design. ACML considers that such a mutual exploration of concerns can:

- help to foster the wider circulation and use of Canadian maps;
- assist in the development of standards and specifications for the organization and design of maps, in order to better serve the needs of the Canadian public;
- encourage communication and cooperation between map user and map maker by serving as a vehicle to explain the needs and constraints of each group to

the other.

It is ACML's hope that this Map Users' Meeting will prove to be merely the first in an annual series. Although this initial meeting was designed as a sequence of interviews with representatives from individual departments, our hope is that, some time in the future, it will be possible to hold a single joint meeting in which issues of common interest can be discussed. The minutes are presented in the sequence in which the interviews took place.

AGRICULTURE CANADA

Brian Edwards.

In his introductory remarks Mr. Edwards stated that Agriculture Canada has recently undergone considerable reorganization. The emphasis is now upon programmes and commodities rather than basic research. This may have implications for future maps. They hope to produce a Newsletter in the near future to keep users informed of changes in policy and production.

The main areas of activity which at present result in cartographic products are:

1. Soil Inventory: Soil Inventory maps are the main product of the Department. Mapping is undertaken for areas of agricultural potential of the whole country. Preliminary maps prepared by the provinces are sent to Ottawa for publication.
2. Other research: Agricultural Land Use System.
3. With Parks Canada: Ecological Land Classification for all national parks in the west.

Maps produced in eastern Canada, the Yukon and the Northwest Territories are all distributed from Ottawa.

As a result of Federal/Provincial agreements the provinces may sell maps of their own province if they so wish. The federal department is prepared to supply single flat copies to map libraries free of charge if asked. Agriculture Canada is under contract to publish all of Environment Canada publications, e.g. Canada Land Inventory, the Federal Lands map, and the Northern Land Use Information Maps.

Discussion:

1. Discussion centered around the difficulties map collections have in becoming aware of new publications. Mr. Edwards stated that brochures including indexes to soil surveys are now being produced for each province. The possibility of the Department sending automatically one copy of each new flat map to academic map collections was discussed and favourably received. Lou Sebert will follow this up by submitting a list of ACML academic collections to Mr. Edwards. Should these collections require reports or extra copies of the maps they will need to order them directly from the provinces.

2. Wetlands maps. This study was undertaken in conjunction with Environment Canada who wrote the report. Surveys and Mapping Branch of EMR published the maps. Several maps were produced at a scale of 1:7 500 000. Three maps relating to the Lower St. Lawrence Valley are expected later this year.

3. Machine readable cartographic products are not as yet available to the public. At the moment the department will do the work and supply special maps on request. They hope to be able to distribute machine readable data, compatible with other systems, by the end of the year. At the moment approximately 900 maps in digital form are in the Canada Soil Information System.

4. An average of 45 full colour printed maps are published per year. Many smaller maps are produced for inclusion in publications. The Department does all its own typesetting and colour separations in preparation for printing.

5. Future trends: One should expect fewer full colour maps and more small scale, two colour maps oriented towards particular users; more derived or interpretative set format maps to accompany the soil survey maps dealing with such topics as engineering problems, soil texture, locations of sand and gravel etc. There will be fewer published in the future due to the digital system. 27 maps have been digitized since January into the new system (ARC/INFO). There is a large agriculture/meteorology digital data base. At present this is available internally.

6. Mr. Edwards introduced a new map series: Soil Landscapes of Canada at 1:1 000 000. He indicated that these maps are often on the basis of one per province. Additional topics being produced include wind/water erosion/salinity compaction and acidification. This year Alberta, Manitoba, Southern Ontario and Newfoundland Soil Landscapes are to be produced. They are intended for use in planning.

7. Address for contact:

Brian Edwards, Production Manager,
Cartography Section,
Land Resource Research Centre, Research Branch,
Agriculture Canada.
K.W. Neatby Building, Rm. B71,
Ottawa, Ontario. K1A 0C6.

STATISTICS CANADA,
GEOCARTOGRAPHICS DIVISION
Mark Lemay, Mike Nuyens.

Most maps produced by the Geocartographics Division are for other departments within Statistics Canada, and are intended for inclusion in publications. The bulk of maps are produced on demand as a result of special orders. The approximate cost is \$300 - \$600 per map.

The representatives were asked:

a) whether a list of maps by title and publisher could be included in each of the specialty items so produced;

b) about the possibility of producing extra maps for map collections when special orders are carried out.

The first idea was well received but the second would depend on the agreement of the client placing the order.

Enumeration area maps: In response to a question about putting enumeration area maps on microfilm or fiche Mr. Nuyens stated that this had not been considered so far. He will look into the production costs for

the 1991 boundaries and bring the matter to the attention of the strategic planning group in Statistics Canada which has been formed to plan for the 1991 census. He will also determine who in Statistics Canada is knowledgeable about historical census boundaries.

Specific publications:

1. *Mortality Atlas*. Volume three is published. Volume four is being discussed and work may start during this fiscal year.

2. Metropolitan Atlas Series. Members of the Committee mentioned the importance of this series and commented on its extensive use in university collections. Its poor binding was however a disadvantage for heavy use. Comments on the binding were welcomed as timely since this topic is currently under discussion in the Division. Statistics Canada is now developing the 1986 series of atlases, and the question of format and binding is under discussion. They plan to produce a better ecumene map for Canada by using enumeration area centroids.

3. Postal Code maps. For reasons of confidentiality they cannot produce maps based on statistics collected by the full postal code. They do however go to the first three letters of the code and produce maps based on the coordinate of the centroid.

4. Census Metropolitan Areas. 10 maps are available, and they will be doing another series from the 1986 census.

5. Ethno-Cultural Data Series. In response to queries about this series Mr. Lemay advised that information about the series is available from Doreen Jacobs at the Ontario Ministry of Citizenship and Culture.

6. Forestry: Canadian Inventory Series. National Forestry Institute, Biomass Series. See: G.M. Bonnor. Inventaire de la Biomasse Forestière. Institut Forestier National de Petawana, Service Canadien des Forêts, 1985. Available from Ministry of Supply and Services.

CANADIAN HYDROGRAPHIC SERVICE

David Monahan.

Mr. Monahan provided an overview of the production and objectives of the Canadian Hydrographic Service. Approximately half a million cartographic items are distributed annually, primarily to commercial shipping, fishing, military and recreational boaters. The largest free distribution is to the Canadian military and secondarily to the U.S. military. The bulk of the products distributed are hydrographic charts for the purpose of navigation. Under the Canada Shipping Act such charts are legal documents; they **MUST** be used by law; the Service may be held legally responsible for errors in the charts. Sales for individual charts range from 5 to 5000 copies per year. Customers for sales are primarily commercial fishermen and recreational and pleasure craft users. Approximately 1000 navigation charts are published each year. The Service works closely with the Coast Guard to keep charts up to date via *Notices to Mariners*. Sales are made through approximately 700 dealers around the world. Sales in the USA and Hong Kong are second and third to those in Canada. There are dealers in all major world ports.

Discussion:

Between editions charts are kept up to date by amendments published in *Notices to Mariners*. Users are expected to stick on correction patches. Some Committee members pointed out to Mr. Monahan that many authorized chart dealers are selling charts without correction patches. As the patches often show important navigational features, the chart users are often critical of the CHS. To protect its reputation the CHS should instruct dealers either to keep their stock up-to-date or at least inform purchasers how to obtain patches. Mr. Monahan said he would look into the situation.

Catalogues and Index: the index is specifically arranged to permit "coasting". i.e. a physical spot along the coast must be determined to allow navigators to make the transition from one sheet to the next. Indexes are issued annually. Mr. Monahan was dis-

turbed to learn that deposit collections do not automatically receive new indexes. He will ensure that new indexes are sent automatically to depository libraries as soon as they become available. He will also reconfirm instructions so that depository libraries receive maps to which they are entitled. A quarterly list of new and revised charts is published in *Notices to Mariners*. This publication should be used to check holdings.

Other products:

1. Bathymetric Charts - the "off shore extension of topographic maps".
2. Natural Resource Series.
3. National Earth Science Series (NESS).
4. GEBCO charts. (General Bathymetric Chart of the Oceans).
5. "Rough maps" in the GSC Open File series.
6. Marine Science Papers. None have been produced for the last two years.
7. Notices to Mariners.
8. Small Craft Charts and Guide.
9. Guide to Federal Harbours, Ontario. 1985.

A sample map produced by electrostatic plotter was shown. Sheets may be produced by this method at some time in the future. The Service would also like to be able to transmit chart information electronically to shipping, to be used to plot position in conjunction with the ships' radar and positioning system. The Service has adopted the MACDIF standard for the interchange of graphic data. The Service works in close cooperation with the International Hydrographic Organization to standardize hydrographic symbols.

Mr. Monahan commented on GPS (global Positioning System): This system introduces as fundamental a change in navigation as did the magnetic compass.

Ships will know where they are, in three dimensions, with an error factor of only five metres. This can be achieved twenty four hours a day with a receiver half the size of a briefcase. As a result of this development the information portrayed on hydrographic charts will, within a short period of time, be insufficiently accurate. The method will also be in use by ambulances and police cars by the early 1990s, but is even more important for navigation by sea than by land. When charts are superseded they are actively withdrawn from the system with copies being sent to the National Archives for future reference and study.

Mr. Monahan said that he would like to keep in touch with user comments on the effectiveness of electronic charts. If the ACML formed a committee on such use he would like to obtain minutes of meetings.

SURVEYS AND MAPPING BRANCH

Representatives of the Surveys and Mapping Branch were as follows: Mr. Don Anderson representing Topographical Survey; Mr. George Falconer and Mr. John Thompson representing Geographical Services Division; Mr. Lou Aubrey representing Reproduction and Distribution Division.

1. Topographic surveys:

The 1:50 000 series is now about 84% complete. The few mainland areas left will be completed within the next two to three years. The balance, in the Arctic Islands, will follow within the next seven to ten years. Landsat imagery is being used to revise both 1:50 000 and 1:250 000 sheets. Often Landsat imagery shows no essential change in the topography, but then the question of the date and edition of the sheet arises. A stamp is being considered to give such a sheet a new validity date, but when this is done complaints are received from the Geographic Names Section that certain name changes have not been taken into account. Map librarians can appreciate these difficulties, especially when correcting name changes would require reprinting. The National Digital Topographic Data Base at 1:250 000 will be completed by September, 1989. This is being carried out mainly by raster scanning of the 1:250 000 reproduction material (cul-

ture, contours, drainage, vegetation and roads plates). In the 1:250 000 series from 50 to 60 sheets are completely revised each year by derivation from the 1:50 000 series. Digital maps are now available for large parts of Quebec including all areas south of the St. Lawrence.

The 1:50 000 Monochrome Series maps are not popular with users because of difficulties in locating forested areas, glaciers, and minor drainage. The screening of glaciers has been added, and this much improves their visibility. The percentage screen used for this is lighter than that used for open water, so mistaking glacier tongues for ponds is avoided.

In response to concern expressed about cancellation of the 1:25 000 series (and also the Military City Maps 1:25 000 produced by DND) Mr. Anderson stated that the Topographical Survey is definitely out of the 1:25 000 mapping business. Present policy states that all mapping of provincial areas at scales larger than 1:50 000 is a provincial responsibility.

As the Monochrome Series continues toward completion there are no plans to add colours to the sheets. Sheets north of the Wilderness Line that are now in full colour or in two colours (black and blue) will be revised, as necessary, in the same style. After the series is completed there may be plans to publish certain sheets in colour. With modern presses there is not much saving between 2 and 5 colours. Mr. Anderson said he had heard that the Mapping and Charting Establishment DND was moving out of the Military City Map work. The carrying on of the mapping would be a provincial or municipal responsibility.

A number of detailed questions submitted by Louise Emond, were passed to Mr. Aubrey for consideration.

2. The Geographical Services Division:

Mr. Falconer and Mr. Thompson briefed the Committee on the products and activities of the Division. Mr. Falconer said that the Geographical Services Division is responsible for the provision of geographical information and aeronautical charting information.

The geographical information responsibilities of the

Division are met by the National Atlas Information System. The chief products and services of the System include the National Atlas itself and related publications, the 1:1 000 000 IMW series, the Electoral Mapping Program, the Canada Gazetteer Atlas, small-scale, special purpose maps and base maps, cartographic services and advice to other government departments, the National Toponymic Data Base, and the Gazetteer of Canada in its various volumes. Under active development is a computerized geographical information system, including the "Electronic Atlas", which is based on information developed for the 5th edition of the National Atlas of Canada.

Mr. Falconer stated that the 5th edition of the National Atlas of Canada represents a significant change from the traditional approach followed in previous editions in that it is a serial publication with the capability of being expanded and revised to meet perceived national geographical information needs. The Atlas is organized into 44 major realms of information and when approximately 200 sheets have been produced, basic coverage in most of these realms will be realized. Thereafter, the National Atlas will continue to provide sheets on new subjects and also to issue revisions of existing sheets when warranted. There followed a lively discussion between Committee members and Mr. Falconer on what constitutes a "serial", a "map series", and a "National Atlas".

Mr. Falconer said that the bound atlases previously produced received criticism because they did not provide the opportunity to publish sufficiently large-scale maps of Canada as a whole. In addition to allowing more detailed information, the separate sheet approach in the 5th edition also allows flexibility in publishing schedules, facilitates revision, and is in keeping with the development of computerized methods whereby information components in the Atlas will become much more capable of manipulation by the user. At the moment, the Division sees the National Atlas as a vital "core" of the National Atlas Information System. A variety of derived products and publications can be produced by the government or the private sector using the database built up for the National Atlas itself. The department hopes that the private sector will diversify the applications of the knowledge and information in the system.

Recent publications of this type, known informally as "map packs", are selected groupings of National Atlas maps reflecting themes of current interest, such as *Canada Then and Now* (maps of Confederation, territorial evolution, and modern Canada), *Canada in Motion* (maps of transportation networks, together with an informative essay on transportation geography), and *Canada's Wetlands* (produced in cooperation with Environment Canada to provide key information on this sensitive aspect of the environment).

The Committee then raised the question of editions. In some cases, according to the Department's plan, second editions of a sheet of a 5th edition National Atlas would appear. This creates an impossible situation for finding, identifying, using and storing the maps. The problem was not resolved.

Mr. Falconer said that 45 maps of the 5th edition had been published to date and that a further 50 are in preparation or planning stages.

Mr Thompson outlined other National Atlas Information System Products:

1. Over 400 000 geographical names have been entered into the names data base and are available to on line users.
2. The 1:1 000 000 IMW Series will be kept in print but will not be revised in the near future because of other priorities.
3. The Gazetteer of Canada, published in provincial volumes, will continue. The new Ontario volume will appear in 1987.
4. The Canada Gazetteer Atlas is out of print but will not be reprinted because of other priorities.
5. Electoral maps will continue to be a major responsibility of the Division and an extensive program of revision and production of new maps is now under way.
6. Small scale base maps will continue to be produced as required for use in government, the private sector and the educational field.

The National Advisory Committee for the National Atlas of Canada

An advisory committee, mainly composed of non government persons, exists to provide advice on geographical information needs and the future and progress of the National Atlas. The Committee is chaired by Dr. Thomas H. Symons, Vanier Professor, Trent University. Members of the Committee are Dr. Pierre Camu, Lavalin Inc.; Dr. John Warkentin, York University; Mrs. Jean Fraser, Calgary Education Response Centre; Dr. F. Campbell, Director, Geographical Services Division; Mr. George Falconer, (Secretary), Editor in chief, National Atlas of Canada. Mr. J. Thompson, Assistant Director, National Atlas Information, serves as a consultant to the committee.

Among a number of aspects of the National atlas program, which the Committee is examining, is the possibility of producing a small format, bound atlas based on 5th edition National Atlas information, but with an entirely different design concept aimed at a wider public than the 5th edition is intended to serve.

GEOLOGICAL SURVEY OF CANADA

John Bill, Verne Foster.

The two primary cartographic products of GSC are multi-colour maps, at various scales, of bedrock and surficial geology. Both are part of the A Series. There is little automation except in geophysical and geochemical mapping. Up to 50% of the production of the department is illustrations and slides for publications. Mapping is special purpose mapping for the country or an area of the country. There are not many separate language editions.

Other products:

1. Open file maps. These are often large format, blueline copies.
2. *Marine Atlas of the Beaufort Sea*. Vol.1—published; Vol.2—recently available; Vol.3—in preparation.
3. Decade of North American Geology. Currently

provides much work. Of 9 volumes, 7 are produced in Ottawa.

4. Geological Atlas, 1:1 000 000. A few maps are being produced each year. The programme is now back on track.

Discussion:

1. Indexes: A status map is produced every two years. Most of the Committee members found Geological Survey indexes hard to use. Mr. Bill contended that geological maps cause problems for indexing in that areas are not contiguous and there are a variety of scales all within the same series. Nevertheless both representatives acknowledged that they themselves had problems with indexes. Mr. Bill stated an intention to work to improve the design of the indexes during the coming year, though he considered that a new design might be expensive to implement.

2. In order to speed production and reduce expense some maps from hand coloured drafts have been printed. A sample was shown which proved an acceptable and useful item.

3. It was felt by the representatives that, after an interval of about 10 years during which the number of maps produced by geologists had declined, there were now signs that they were returning to previous levels of production. The decade of North American Geology is a positive influence in this regard.

4. A new edition of the Wisconsin Glaciation map is being produced (Set of three).

ENVIRONMENT CANADA

Gary McLean, Wendy Simpson-Lewis.

The Lands Directorate has been merged with the Inland Waters Directorate. Less original cartography is carried out. Some maps are now drafted by Agriculture Canada while others are done in house.

Products:

1. Wetlands.

2. Terrain Sensitivity

3. Map Folio Series. No. 7: Atlas of Land Use Change in the Prairies, based on the 1986 Census will be available in the summer of 1988.

4. Northern Land Use Information Series. A joint project that has been conducted with the Department of Indian and Northern Affairs. The series is 4/5 complete, and everything has been mapped except three areas in the high Arctic. Due to funding cuts the research team has been disbanded and will be difficult to get back together. Northern Perspectives. These maps at 1:5M scale are derived primarily from data collected for the NLUIS maps and other sources. The first maps will portray development activity and potential, and native land use activities.

Discussion:

1. Usage of the LUIS maps has been good. It has dropped off in the last few years because of the decline in northern development activities, but the maps in the series also have potential for other applications such as travel in the north. They are on the same base as the national topographic series, and contain a wealth of other information. However the funding for the completion or update of the series has been discontinued.

2. Canada Land Inventory maps. The series is complete except for 1:1 000 000 overviews of British Columbia agriculture and forestry. 1:250 000 sheets are complete and the information is on the computer in the Canada Land Data System. The series will not be updated as the evaluation of land potential will not change unless there is drastic degradation. Most recent sheets have been distributed.

3. Canada Land Use Changes Monitoring System (CLUMP). Land use changes around urban areas are monitored by reviewing satellite images. (Earlier interpretation of changes had been by air photos.) Land use changes are recorded in the data base, or reported by means of issue-oriented fact sheets or reports.

4. National Parks Information Centre, Parks Canada. This centre has excellent information related to the national parks, but the publications are produced in very limited numbers and are therefore not widely distributed.

5. Inland Waters. Flood risk mapping. The Lands Directorate volunteered to supply surplus air photos to ACML for distribution to universities on the basis of area and level of interest. Announcements of new publications will be sent to the editor of the *Bulletin* to aid in keeping members up to date.

Points that came up during discussions with most agencies:

1. Many map producers either do not give titles at all to their map series, or the titles are not distinctive. When searching an on line or manual listing for Canadian geological maps, for instance, it is difficult for a user to remember to look for the title "Coloured Maps". Nor is the unqualified title "Bulletin" very helpful for a periodical publication.

2. There is a general problem in finding out what cartographic materials are being published. A newsletter similar to that published by the Surveys and Mapping Branch would be helpful in every case. Some Committee members pointed out that certain university professors seemed to have privileged information, and actually got complimentary copies of maps before the map librarian even heard of the publication.

3. Some indexes, particularly those for thematic map series in which areas are not contiguous, such as is the case for geology or hydrology, are hard to read due to crowding of information. Geological survey representatives both said they were studying this problem but changes would be expensive.

4. Some producers do not put the date of publication on their maps. This creates difficulties for accurate identification of the item, acquisition, replacement and for use of the information contained on the map.

THE BULLETIN BOARD

FACSIMILES OF THE BOURDON PLANS ARE AVAILABLE FOR PURCHASE FROM THE MCGILL UNIVERSITY LIBRARIES

The earliest Canadian manuscript plans to survive, the plans of Quebec dating from 1635 when Champlain was living in the city, were drawn by Jean Bourdon (1602-1668), in his role as Surveyor-General of the new colony. The facsimile was published in an edition of 250 copies, and printed by Cambridge Press Limited in 1958. The utmost care has been taken of the fidelity of reproduction of these manuscripts in a faded ink and faint crayon tints; they are reproduced in their exact dimensions. The price of the portfolio is \$25.00. The maps can be obtained by writing to:

Carol Marley,
Map Curator, Dept. of Rare Books,
McLennan Library,
3459 McTavish Street, Montreal, Quebec H3A 1Y1

CLA PURCHASES OLAM

Ottawa—May 10—The Canadian Library Association (CLA) has purchased the Online Account Management Service (OLAM) from the Ontario Centre for Microelectronics.

OLAM is a national network providing discounts on DIALOG online charges to libraries in Canada. More than 100 clients are already benefiting from these discounts.

OLAM will continue to be managed by Brian Silcoff, under contract to CLA.

CLA Executive Director Jane Cooney is enthusiastic about the purchase, and said, "This is a valuable service providing cost savings for the Canadian library and information community."

Cooney said CLA has plans to expand OLAM in the future to offer more discounted services to institutional members of the association. Barbara Douma, Dialog manager at Micromedia Ltd. in Toronto, said she is "extremely pleased with the new arrangement and looks forward to a successful relationship with CLA. Micromedia is the Canadian representative for Dialog Information Services, Inc., Palo Alto, CA.

Further information on OLAM and the services it provides can be obtained from:

Jane Cooney, Executive Director,
Canadian Library Association,
Suite 602, 200 Elgin Street, Ottawa, Ont.
(Tel:613/232-9625)

SOCIETY FOR THE HISTORY OF DISCOVERIES / 2-5 September 1987

The SHD's next meeting will be held in London, England, 2-5 September 1987. The meeting will be co-sponsored by the British Library (Map Room), the Royal Geographical Society and the National Maritime Museum. The schedule includes a reception at the British Library, a banquet at Guy's Hospital, and a boat trip down the Thames River to Greenwich. Further information about the programme, accommodation and a possible group flight are available from: Barbara McCorkle, SHD Secretary-Treasurer, 45 Mill Rock Road, Hamden, CT 06511 U.S.A.

LIBRARY OF CONGRESS RECEIVES GRANT FROM NATIONAL GEOGRAPHIC SOCIETY TO RESTORE AND CATALOG WASHINGTON, D.C. MAP COLLECTION FOR BICENTENNIAL OF NATION'S CAPITAL

The Library of Congress and the National Geographic Society have embarked on a six-part joint

project to catalog, restore, preserve, and publish the Library's incomparable collection of about 2 000 maps of Washington, D.C. Included in the collection are Pierre Charles L'Enfant's unique manuscript plan for the City of Washington prepared in 1791, as well as the earliest topographic map of the District of Columbia, other maps of the area, and site maps of original property holdings in the District of Columbia.

The goal of the joint project, which is financed in large part by a grant of \$348 250 from the National Geographic Society to the Library of Congress, is to make the Library's collection of Washington, D.C., maps available to the widest possible audience.

The work will be performed over four years under the supervision of the Library's Geography and Map Division. It will culminate in 1991 with an exhibition and symposium to celebrate the 200th anniversary of the designation of the City of Washington as the nation's capital.

GEOGRAPHIC CUTTERS AVAILABLE IN MICROFICHE

Geographic Cutters, a 24X microfiche publication containing Cutter numbers for U.S. cities, counties, regions, and physical features (both cultural and natural), has just been published by the Cataloging Distribution Service.

The publication list 32 000 alphanumeric Cutters. Catalogers, researchers, and librarians can use **Geographic Cutters** in these ways:

- * To help locate maps.
- * To create consistent bibliographic records with MARC tags.
- * To find a Cutter before using the NUC Cartographic Materials index.

Geographic Cutters costs only \$35 (domestic) and \$37 (foreign) and is available in an attractive 3-ring binder. Order from:

Customer Services Section
Cataloguing Distribution Service
Library of Congress
Washington, D.C. 20541
(202) 287-6100

A.C.M.L. Membership List, 1987

Full Members

Mary Armstrong
142 Colin Avenue
Toronto, Ontario
M5P 2C3

Tony Baron
38 Squire Bakers Lane
Markham, Ontario
L3P 3G9

R. Batchelder
435 Platt's Lane
London, Ontario
N6G 2H1

Colleen Beard
(no address)

Judith H. Beattie
363 Lanark St.
Winnipeg, Manitoba
R3N 1L5

Terence Brennan
4523 King Edward Avenue
Montreal, Quebec
H4B 2H6

Vivienne Bruce
101-1013 Vancouver St.
Victoria, B.C.
V8V 3V9

Margaret E. Campbell
(no address)

Louis Cardinal
Division des archives
cartographiques et architecturales
Archives Nationales du Canada
Ottawa, Ontario K1A 0N3

Vivien Cartmell
159 Blackmarsh Road
Apt. 302
St. John's, Newfoundland
A1E 1T1

David R. Chamberlin
122 Michigan St.
Victoria, B.C. V8V 1R1

Amy Chan
University Map & Design Library
University of Waterloo
Waterloo, Ontario
N2L 3G1

Mrs. Judith Colson
230 Winslow St.
Fredericton, N.B.
E3B 5A3

Jack Corse
Simon Fraser University
Map Collection
Reference Division
W.A.C. Bennett Library
Burnaby, B.C. V5A 1S6

Mr. Edward H. Dahl
Cartographic and Architectural
Archives Division
National Archives of Canada
Ottawa, Ontario K1A 0N3

Aileen Desbarats
Map Library, Morisset Library
Univ. of Ottawa
Ottawa, Ontario
K1N 9A5

Allen Doiron
Provincial Archives of New Brunswick
P.O. Box 6000
Fredericton, N.B.
E3B 5H1

Mrs. Kate Donkin
Box 513
Waterdown, Ontario
L0R 2H0

Lorraine Dubreuil
Map and Air Photo Library
McGill University
805 Sherbrooke Street West
Montreal, Quebec H3A 2K6

Mrs. C.M. Elliott
3125 Qu'Appelle St.
Victoria, B.C.
V9A 1V5

G. Falconer
Geographical Services Division
Surveys and Mapping Branch
615 Booth Street
Ottawa, Ontario
K1A 0E9

Ms. Barbara Farrell
Map Library
D299 Loeb Building
Carleton University
Ottawa, Ontario
K1S 5B6

Margaret Flear
(no address)

John Fortier
3708 Corliss Crescent
Mississauga, Ontario
L4T 2Z4

Maureen Fox
Staff Archivist
University of Saskatchewan
Saskatoon, Saskatchewan
S7N 0W0

Flora Francis
Social Science Section
The Library
University of Guelph
Guelph, Ontario
N1G 2W1

Antoine Gagnon
1600 Chemin Ste. Foy
Québec, Québec
G1S 2P4

Jean-Marc Garant
515 Provencher
Brossard, Québec
J4W 1Y3

Nancy Gayton
Maritime Resource Management
Service
P.O. Box 310
Amherst, Nova Scotia
B4H 3Z5

Leonard J. Gottselig
Glenbow-Alberta Institute
The Library
9th Avenue and 1st Street S.E.
Calgary, Alberta
T2G 0P3

Susan Greaves
Map Collection
Macdonald Science Library
Dalhousie University
Halifax, N.S.
B3H 4J3

R. Halifax, Director of Records
& City Archives
City of Toronto Archives
City Hall
Toronto, Ontario
M5H 2N2

Elizabeth Hamilton
325 Wetmore Road
Fredericton, N.B.
F3B 5L4

Kathy Harding
5 Rudd Ave.
R.R.1 Kingston, Ontario
K7L 4V1

Margaret Hutchison
Apt. 513, 4045 Rae St.
Regina, Saskatchewan
S4S 6Y5

Miss Vivian Janes
5278 Coolbrook Ave.
Montreal, Québec
H3X 2L1

Mary F. Javorski
P.O. Box 273
Clinton, N.Y.
13323

Mrs. Betty Kidd
Cartographic and Architectural
Archives Division
National Archives of Canada
Ottawa, Ontario
K1A 0N3

Gilles Langelier
Division des archives
cartographiques et architecturales
Archives nationales du Canada
395 rue Wellington
Ottawa, Ontario K1A 0N3

Hugh C. Larimer
605 Kilkenny Drive
Winnipeg, Manitoba
R3T 3E2

Pierre Lépine
6065 Croissant Brodeur
Brossard, Québec
J4Z 1Y8

Loan Le
Special Collections Librarian
Scarborough College Library
1265 Military Trail
Scarborough, Ontario
M1C 1A4

Karen Lochhead
100 Edgewood Road
Alymer, Quebec
J9H 5E1

William Macdonald
Technical Records
Canadian Hydrographic Service
P.O. Box 1006
Dartmouth, N.S. B2Y 4A2

William R. Mackinnon
89, Charles St. West
Toronto, Ontario
M5S 1X6

Brenton Macleod
Land Registration & Information
Services
120 Water Street
Summerside, P.E.I.
C1N 1A9

Mrs. Rennie Macleod
Map and Air Photo Library
McGill University
805 Sherbrooke Street West
Montreal, Quebec H3A 2K6

Mrs. C.B. Marley
Map Curator
McGill University Libraries
3459 McTavish Street
Montreal, Quebec H3A 1Y1

Mary Mayson
Geology Library
Bruce Wing, Queen's University
Kingston, Ontario
K7L 5C4

Mrs. Sandra Mc Caskill
Erindale Library
Erindale Campus
University of Toronto
Mississauga, Ontario
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Windsor, Ontario
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39 Mark Street, Apt. 6
Vanier, Ontario
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Walter K. Morrison
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Norma Mousaw
Cartographic and Architectural
Archives Division
National Archives of Canada
Ottawa, Ontario
K1A 0N3

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Cartographic and Architectural
Archives Division
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Thomas Nagy
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Archives Division
National Archives of Canada
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Ottawa, Ontario K1A 0N3

Tara Naraynsingh
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Geological Survey of Canada
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1103 - 2201 Riverside Drive
Ottawa, Ontario K1H 8K9

Robert B. Parry
Map Curator, Geography Dept.
University of Reading,
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Tim Ross
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Karen Young
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