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PRELIMINARY REPORT

on the

LITHOGRAPHING & ENGRAVING INDUSTRY

in

CANADA

1928 - 1929

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Published by Authority of the Hon. H. H. Stevens, M.P.,
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Note.- Production figures as given in this bulletin do not necessarily represent the total output in Canada of the commodities listed, as there may be also a considerable production in other industrial groups. For complete information this bulletin must be read with the rest of the series on paper industries and other publications of the Census of Industry.

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
FOREST PRODUCTS BRANCH
CANADA

Dominion Statistician: R. H. Coats, B.A., F.S.S. (Hon.), F.R.S.C.
• Forest Products Statistics: R. G. Lewis, B.Sc.F.

THE LITHOGRAPHING AND ENGRAVING INDUSTRY
IN CANADA
1928-1929

Ottawa, January, 1931.- A report on the lithographing and engraving industry in Canada for 1928 and 1929 has just been issued by the Forest Products Branch of the Dominion Bureau of Statistics. Statistics concerning this industry were in the past included in the report on printing trades. This report gives the production of firms specializing in lithographing, engraving, photo-engraving and photo-lithography and in most cases covers the greater part of their production in Canada during 1929. There are, however, a number of other firms classified in other industrial groups which do lithographing and engraving as a side line to their principal production. The firms dealt with in the present report also produce such commodities as greeting cards, calendars, job printing, bookbinding, electrotyping, stereotyping, etc., as secondary products.

There were 122 firms engaged in this line of manufacture in 1929 as compared to 119 in 1928. The distribution by provinces was as follows: Ontario, 68; Quebec, 26; British Columbia, ten; Manitoba, eight; Nova Scotia and Alberta, three each; New Brunswick and Saskatchewan, two each.

Capital employed in this industry during 1929 amounted to \$21,918,581, an increase of 9.7 per cent over the corresponding figure of \$19,975,562 reported in 1928. The value placed on lands, buildings, fixtures, machinery and tools was \$13,596,852 or about \$1 $\frac{1}{4}$ million higher than in 1928; materials on hand and stocks in process at the end of the year were placed at \$3,008,515, a decrease of \$134,202; and cash, trading, operating accounts and bills receivable totalled \$5,313,214, or over \$700,000 above the figure for the previous year.

The average number of employees in 1929 was 5,667 as compared with 5,370 in 1928. The 1,081 salaried employees were paid \$2,649,705 and the 4,586 wage-earners received \$6,350,426 during the year. The number of men employed was 3,968 of whom 703 were paid on a salary basis and 3,265 were wage-earners. Of the 1,699 females employed 1,321 were wage-earners and 378 salaried employees.

Fuel was used to the amount of \$74,817 in 1929 as compared with \$75,716 in the previous year. Bituminous coal cost \$25,703; gas, \$16,408; fuel oil, \$16,143; anthracite, \$7,215; coke, \$2,430; kerosene, \$843; gasoline, \$247; and other fuel, \$5,828.

Expenditures for electricity during the year totalled \$97,746. Power installation consisted of 1,375 electric motors rated at 5,472 h.p.

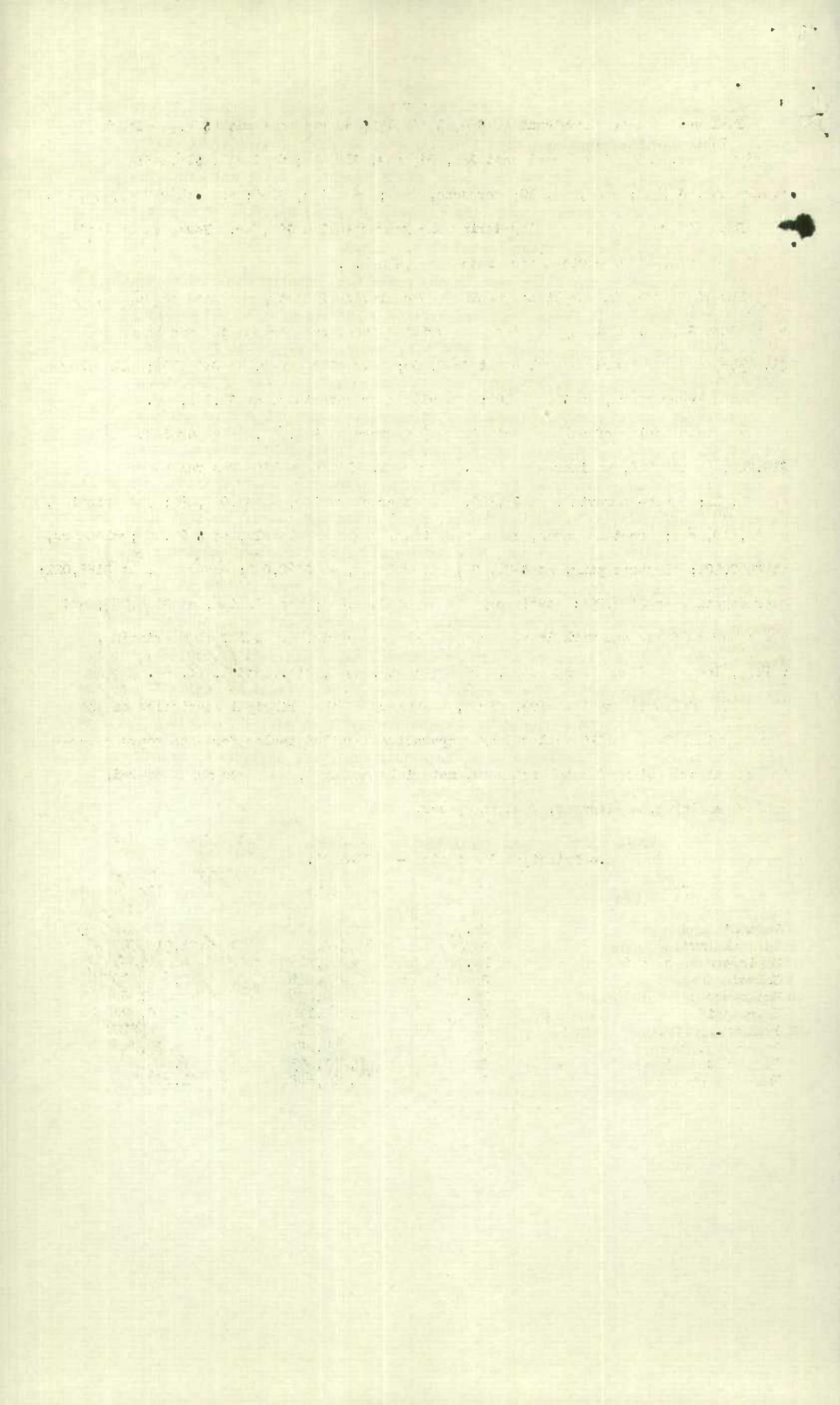
Materials used in the lithographing and engraving industry amounted to \$6,544,369 as against \$5,858,493 in 1928. Book and writing paper was used to the amount of \$1,473,598; paper board was valued at \$640,406; newsprint paper, at \$317,298; all other paper and paper board, at \$1,156,101; and all other materials, at \$2,921,400.

The total value of all products in 1929 aggregated \$21,682,265 as against \$19,207,658 in 1928, an increase of 12.9 per cent. Lithographing was valued at \$9,582,811; photo-engraving, at \$3,329,845; other engraving, at \$2,057,489; job printing, at \$1,810,648; greeting cards, calendars, tags, seals and labels, at \$593,106; calendars, at \$450,901; electrotyping, at \$421,597; advertising, at \$360,049; embossing, at \$188,021; stereotyping, at \$156,095; stationery goods, at \$154,845; bookbinding, at \$124,274; and all other products and work done, including playing cards, art work, blue printing, ruling, loose leaf and blank books, printed music, maps, etc., at \$2,452,584.

The following tables give, first, a summary of the principal statistics of the industry in 1928 and 1929 followed by comparative detailed tables for both years covering the distribution of establishments, materials employed, products manufactured, capital employed, employment, fuel and power.

Table 1.-- Principal Statistics - 1928-1929.

Items		1928	1929
Establishments	No.	119	122
Capital invested	\$	19,975,562	21,918,581
Employees on salaries	No.	1,074	1,081
Salaries paid	\$	2,453,060	2,649,705
Employees on wages	No.	4,296	4,586
Wages paid	\$	5,865,132	6,350,426
Fuel used	\$	75,716	74,817
Power employed	\$	95,284	97,746
Cost of materials	\$	5,858,493	6,544,369
Value of products	\$	19,207,658	21,682,265



-3-
LITHOGRAPHING AND ENGRAVING, 1928 and 1929.

Table 2.- Distribution of Establishments by Provinces, 1928-1929.

Provinces	1928	1929
	No.	No.
CANADA	119	122
Ontario	64	68
Quebec	26	26
British Columbia	10	10
Manitoba	9	8
Nova Scotia	3	3
Alberta	3	3
New Brunswick	2	2
Saskatchewan	2	2

Table 3.- Materials Used, 1928.

Kind	Quantity	Value	Quantity	Value
	reams	\$	pounds	\$
TOTAL	-	-	-	5,858,493
Newsprint paper	-	-	1,443,420	55,335
Book and writing paper	4,427	40,736	12,512,085	1,578,987
Paper board	345	6,741	12,033,760	852,684
All other paper	1,594	14,746	8,883,086	962,955
All other materials	-	-	-	2,346,309

Table 3(a).- Materials Used, 1929.

Kind	Quantity	Value	Quantity	Value
	reams	\$	pounds	\$
TOTAL	-	-	-	6,544,369
Newsprint paper	137	317	5,655,555	317,298
Book and writing paper	2,141	10,039	10,639,459	1,473,698
Paper board	2,334	20,902	10,955,780	640,406
All other paper	735	4,208	8,874,613	855,886
All other paper and paper board (value only)	-	-	-	300,215
All other materials (value only)	-	-	-	2,921,400

-4-

LITHOGRAPHING AND ENGRAVING, 1928 and 1929:

Table 4.- Products Manufactured, 1928 and 1929.

Products	Value	
	1928	1929
	\$	\$
TOTAL	19,207,658	21,682,265
Advertising	51,231	360,049
Job printing	1,754,445	1,810,648
Stereotyping	54,864	156,095
Lithographing	6,631,567	9,582,811
Photo-engraving	3,045,337	3,329,845
Other engraving	2,034,022	2,057,489
Embossing	196,252	188,021
Electrotyping	475,555	421,597
Bookbinding	129,781	124,274
Stationery goods	109,986	154,845
Greeting cards, tags, seals and labels	579,604	593,106
Calendars	2,063,740	450,901
All other products including playing cards, art work, blue printing, ruling, engraving and embossing, photography, music printed, maps, calendars, loose-leaf and blank books.	2,081,274	2,452,584

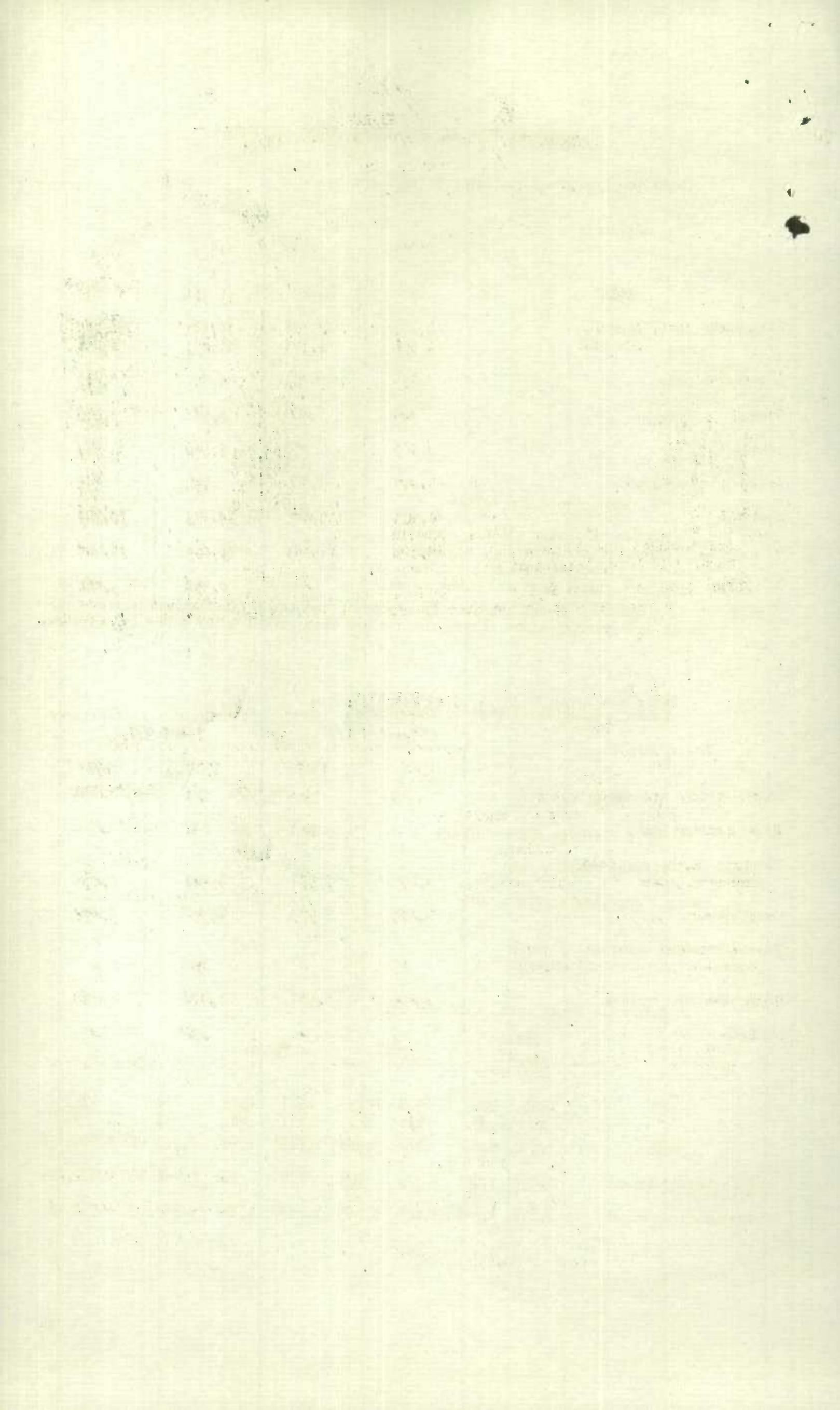
NOTE: Data given here do not necessarily represent the total Canadian production under each heading since these products are also listed under other industries.

Table 5.- Capital Invested, 1928-1929.

Items	1928	1929
	\$	\$
TOTAL	19,975,562	21,918,581
Land, buildings, fixtures and machinery	12,255,778	13,596,852
Materials, stocks, etc. on hand	3,142,717	3,008,515
Cash, trading and operating accounts	4,577,067	5,313,214

Table 6.- Employment, 1928 and 1929.

Classes of Employees	Total No. of Employees		Males		Females		Total Salaries and Wages	
	1928	1929	1928	1929	1928	1929	1928	1929
	No.	No.	No.	No.	No.	No.	\$	\$
TOTAL	5,370	5,667	3,754	3,968	1,616	1,699	8,318,192	9,000,131
Salaried employees	1,074	1,081	725	703	349	378	2,453,060	2,649,705
Employees on wages	4,296	4,586	3,029	3,265	1,267	1,321	5,865,132	6,350,426



LITHOGRAPHING AND ENGRAVING, 1928 and 1929.

Table 7.- Fuel Used, 1928 and 1929.

Kind of Fuel	Quantity		Value	
	1928	1929	1928	1929
TOTAL	-	-	\$ 75,716	\$ 74,817
Bituminous coal, Canadian Imported	2,153 1,558	2,426 1,343	15,371 11,853	16,452 9,251
Anthracite coal	834	853	8,655	7,215
Coke	464	449	2,564	2,430
Gasoline	6,306	895	1,640	247
Kerosene or coal oil	4,019	3,569	952	843
Fuel oil	140,393	152,023	16,522	16,143
Gas, manufactured	14,909	17,153	13,603	16,408
Other fuel	-	-	4,556	5,828

Table 8.- Power Employed, 1928 and 1929.

Power Units	No. of Units		Total H.P.	
	1928	1929	1928	1929
Steam engines and steam turbines	2	-	250	-
Total primary power	2	-	250	-
Electric motors operated by purchased power	1,195	1,375	4,248	5,472
Total power	1,197	1,375	4,498	5,472
Electric motors operated by power generated by the establishment	29	-	200	-
Total electric motors	1,224	1,375	4,448	5,472
Boilers	3	-	250	-

LITHOGRAPHING AND ENGRAVING, 1928 and 1929.

Lithographing and Engraving was the principal business of the following firms

NOVA SCOTIA

Elite Photo Engravers	54 Argyle St., Halifax
Ives Engraving Co.	(Birks Bldg.) Barrington St., Halifax
Royal (The) Print. & Litho., Ltd.	57 Sackville St., Halifax

NEW BRUNSWICK

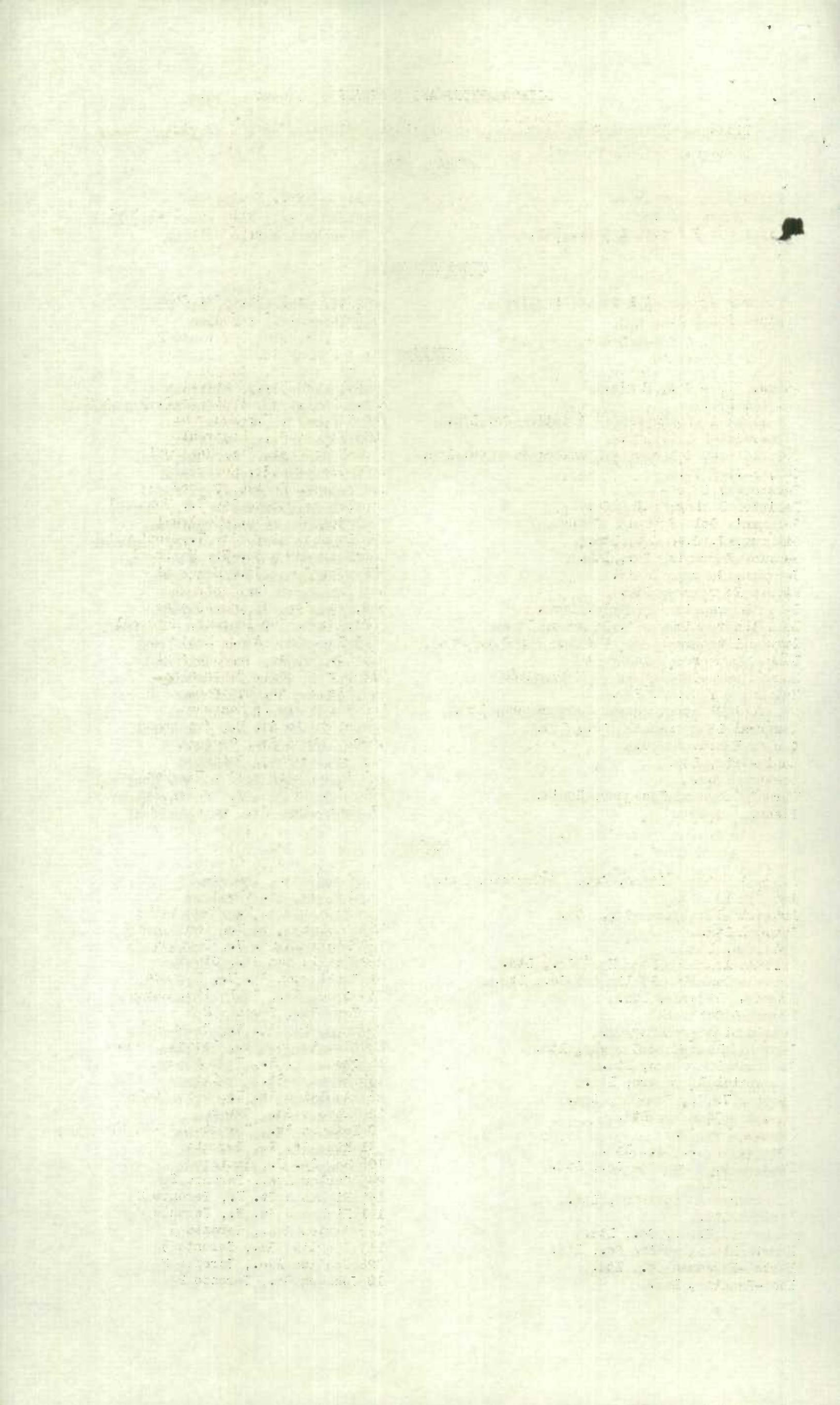
Plummer Engraving & Printing Service	52 St. Germain St., St. John
Rapid-Grip, Ltd.	59 Water St., St. John

QUEBEC

Adams, F., & Co., Reg'd.	1133 Bleury St., Montreal
Batten, Ltd.	Rns. 601-3, 455 Craig St. W., Montreal
Benallack Lithographing & Printing Co., Ltd.	620 Vitre St. W., Montreal
Commercial Label, Ltd.	2033 Bleury St., Montreal
Consolidated Lithograph Manufacturing Co., Ltd.	1800 Parthenais St., Montreal
Cox, Ed., & Co.	1420 Victoria St. Montreal
Deschamps, Ltée	8, rue de L'Eglise, Quebec
Dominion Lithographing Co.	155 Lagauchetière St. W., Montreal
Gelbman's Gold Stamping Company	3417 Colonial Ave., Montreal
Gilmour, J. T. & Co., Ltd.	494 Lagauchetière St. W., Montreal
Gourlay Engraving Co., Ltd.	686 Notre-Dame St. W., Montreal
Jackson, George, Reg'd.	3775 St. James St., Montreal
Kieran Engravers, Ltd.	269 Craig St. W., Montreal
La Lithographic du Peuple. Enrg.	558, rue St. Vallier, Quebec
La Lithographic du St. Laurent, Ltée	7501, Blvd. St. Laurent, Montreal
Lawson Lithographing & Folding Box Co., Ltd.	6629 Esplanade Ave., Montreal
Line Engravers of Montreal	963 St. George St., Montreal
Manufacture Canadienne de Nouveautés	8185, rue Berri, Montreal
Matthews, Thos. W. Reg.	907 Bleury St., Montreal
Montreal Electrotypers and Engravers, Ltd.	300 Unity Bldg., Montreal
Montreal Lithographing Co., Ltd.	1685 Ontario St. E., Montreal
Quebec Engraving Co.	52 Couillard St., Quebec
Rapid-Grip, Ltd.	76, rue du Pont, Quebec
Smeaton Bros.	157 Lagauchetière St. W., Montreal
"Sprad" Showcard Designer, Reg'd.	1501 St. Catherine St. W., Montreal
Tison, Charles	18 Notre-Dame St. W., Montreal

ONTARIO

Alexander Cable Litho. Co., of Toronto, Ltd.	45 Pearl St., Toronto 2
Art Novelty Co.	385 Wortley St., London
Artistic Stationery Co., Ltd.	37 Richmond St. E., Toronto 2
Batten, Ltd.	129 Adelaide St. W., Toronto 2
Brigdens, Ltd.	160 Richmond St. W., Toronto 2
British American Bank Note Co., Ltd.	262 Wellington St., Ottawa
British Canadian Publishing Co., Ltd.	51 Wellington St. W., Toronto
Brown & Bigelow, Ltd.	735 Queen St., Sault Ste. Marie
Browne & Cottrell	77 York St., Toronto 2
Canada Lithographing Co.	257 Adelaide St. W., Toronto 2
Canadian Bank Note Company, Ltd.	224 Wellington St., Ottawa
Canadian Engravers, Ltd.	12 Queen St. E., Toronto 2
Commercial Engravers, Ltd.	135 Rebecca St., Hamilton
Coutts, W. E., Company, Ltd.	263 Adelaide St. W., Toronto 2
Crabtree Company, Ltd.	228 Albert St., Ottawa
Cummins Map Co.	70 Lombard St., Toronto 2
Draper, W. R., Co., Ltd.	531 King St. W., Toronto 2
Duncan Lithographing Co., Ltd.	106 Bay St. N., Hamilton
Dyment, Ltd.	245 Carlaw Ave., Toronto 8
Engravers & Diesinkers, Ltd.	159 Richmond St. W., Toronto 2
"Grip", Ltd.	181 Richmond St. W., Toronto 2
Harcourt, E. H., Co., Ltd.	126 Garden Ave., Toronto 3
Harris Lithographing Co., Ltd.	113 Sterling Rd., Toronto 3
Hertel-Marshman Co., Ltd.	328 Spadina Ave., Toronto 2
Hood-Rankin, Ltd.	10 Johnson St., Toronto 2



LITHOGRAPHING AND ENGRAVING, 1928 and 1929.

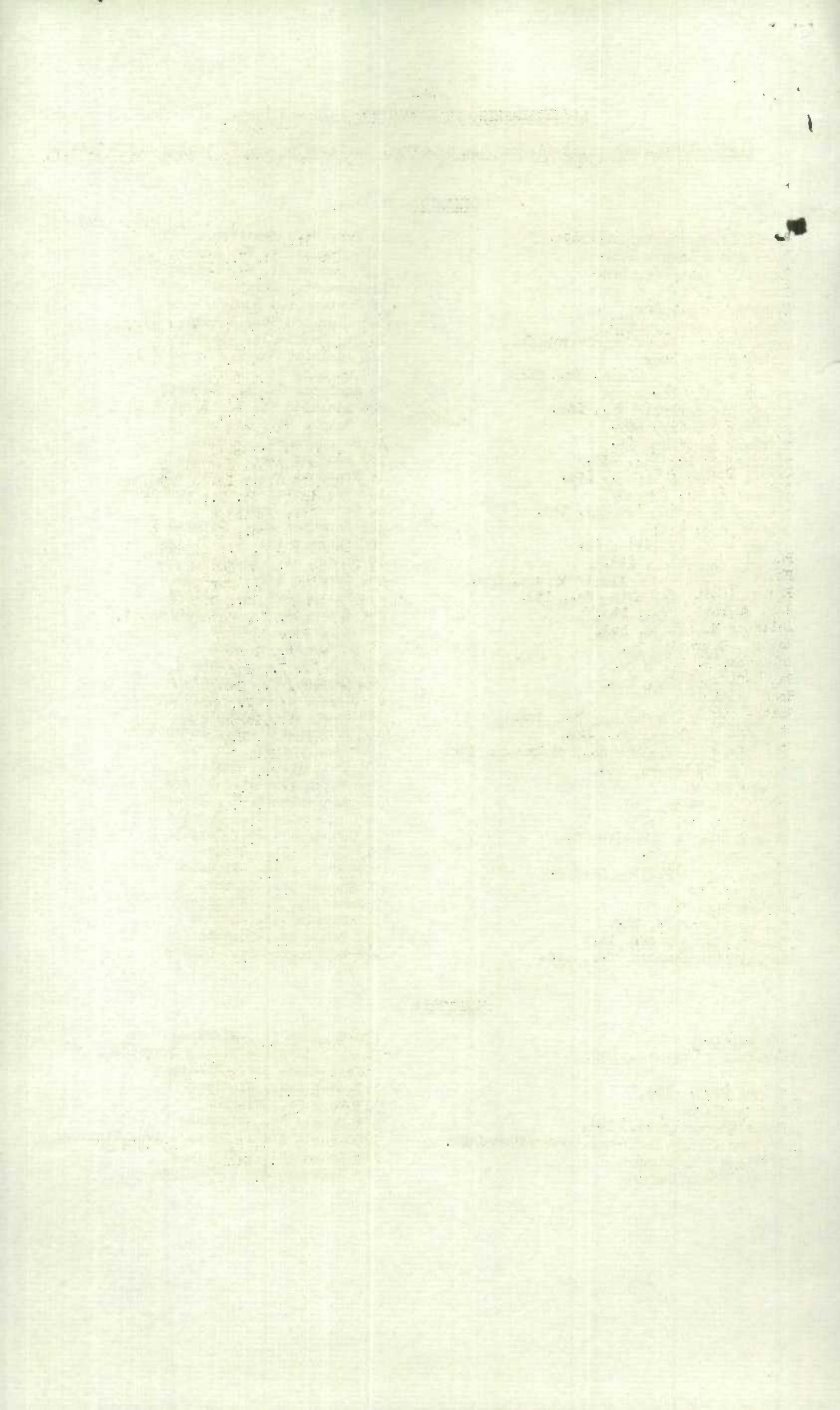
Lithographing and Engraving was the principal business of the following firms-Cont'd.

ONTARIO - Cont'd.

Howell Lithographic Co., Ltd.	14 Vine St., Hamilton
Jones Box & Label, Ltd.	1159 Dundas St. W., London
Jones, H. J., Sons, Ltd.	1155 Dundas St. W., London
Kaunmeyer, C. L.	Niagara St., Chippawa
Knowles, T. M., Co.	38 Weston St., London
Lawson and Jones, Ltd.	342 Clarence St., London
Legge Bros. & Jones Engravers, Ltd.	10 St. Patrick St., Toronto 2
Litho. Print. Ltd.	381 Adelaide St. W., Toronto 2
London Printing & Litho. Co., Ltd.	144 Carling St., London
Map Specialty Co.	79 Adelaide St. E., Toronto 2
Miller Lithographic Co., Ltd.	605 Adelaide St. W., Toronto 2
Mortimer Company, Ltd.	257 Sparks St., Ottawa
National Embossing Co.	12 Sheppard St., Toronto
Nichols, J. L., Co., Ltd.	182 Spadina Ave., Toronto 2
Offset Print. & Litho., Ltd.	19 Prescott Ave., Toronto 9
Oliver, A. E., Company	126 Wellington St. W., Toronto 2
Ontario Engraving Company, Ltd.	22 Gore St., Hamilton
Osborne Co., Ltd.	345 Sorauren Ave., Toronto 3
Ottawa Photo Engraving Co.	300 Laurier Ave. W., Ottawa
Phoenix Engraving, Ltd.	79 Shuter St., Toronto 2
Photo Engravers and Electrotypers, Ltd.	243 Spadina Ave., Toronto 2
Photogelatine Engraving Co., Ltd.	471 Wellington St., Ottawa
Reed Engraving Co., Ltd.	243 Queen St. W., Toronto 2
Reliance Engravers, Ltd.	104 Bond St., Toronto 2
Roberts Engraving Co.	79 Dundas St., London
Robinson, D. H., & Co.	95 King St. W., Toronto 2
Ralph-Clark-Stone, Ltd.	201 Carlaw Ave., Toronto 8
Ross & Muir	11 Richmond St. W., Toronto 2
Smith-Moir Lithographing Co., Ltd.	184 Pearl St., Toronto 2
Standard Embossing Co., Ltd.	155 Richmond St. W., Toronto 2
Standard Lithographic Co., of Canada, Ltd.	100 Sterling Rd., Toronto 3
Superior Engravers, Ltd.	50½ King St. E., Hamilton
Thicke, W. H.	245 Wellington St., Ottawa
Thompson & Sons, Ltd.	384 Adelaide St. W., Toronto 2
Tidman, H. C., Co.	28 Temperance St., Toronto 2
Toronto Seal & Embossing Co.	28 Temperance St., Toronto 2
Union Engraving Co.	217 Sparks St., Ottawa
United States Playing Card Co.	1075 Mercer St., Windsor
Urwin, J. C.	79 Shuter St., Toronto 2
Webber Sign Co.	9 James St. N., Hamilton
Wesley Engravers, Ltd.	122 Carling St., London
Whaley, Royce & Co., Ltd.	237 Yonge St., Toronto 2
Wright Lithographing Co., Ltd.	422 Wellington St., London

MANITOBA

Batten, Ltd.	290 Vaughan St., Winnipeg
Brigidens of Winnipeg, Ltd.	Farmers Advocate Bldg., Langside & Notre-Dame Sts., Winnipeg
Bulman Bros., Ltd.	McDermot Ave., Winnipeg
Parnum, W. H.	313 Fort St., Winnipeg
Skene Engraving Co., Ltd.	376 Donald St., Winnipeg
Western Canada Insurance Underwriters Assn.	1100 Paris Bldg., Portage Ave., Winnipeg
Williams & Deschamps	144 Lombard St., Winnipeg
Wilson Engraving Co.	345 McDermot Ave., Winnipeg



LITHOGRAPHING AND ENGRAVING, 1928 and 1929.

Lithographing and Engraving was the principal business of the following firms- Concl'd.

GASKATCHEWAN

Regina Engraving Co., Ltd.	1717 Smith St., Regina
Saskatoon Engraving Co.	228 3rd. Ave. S., Travellers' Blk., Saskatoon

ALBERTA

Calgary Photo Engraving	313 6th Ave. W., Calgary
Hicks Engraving Co., Ltd.	706 Second Ave. W., Calgary
McDemid Studios, Ltd.	10133-101st St. (Box 182), Edmonton

BRITISH COLUMBIA

Angell Engraving Co.	518 Hastings St. W., Vancouver
Art. Engraving Co.	532 Pender St. W., Vancouver
B. C. Printing & Litho., Ltd.	901 Homer St., Vancouver
Chemical Scientific Engravers	527 Shelly Bldg., 119 Pender St. W., Vancouver
Cleland-Kent Engraving Co., Ltd.	534 Cambie St., Vancouver
Gehrke's, Ltd.	566 Seymour St., Vancouver
Grant & Sons, Ltd.	1110-15th Ave. E., Vancouver
Press Engraving Co.	136 Hastings St. W., Vancouver
Smith, F. C., Lithograph Co., Ltd.	1695 7th Ave. W., Vancouver
Vancouver Engravers, Ltd.	445 Richards St., Vancouver

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