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OTTAWA - CANADA

Publié par ordre de L'honorable W.D. EULER, M.P., Ministre du Commerce

BUREAU FEDERAL DE LA STATISTIQUE RECENSEMENT INDUSTRIEL BRANCHE FORESTIERE OTTAWA - CANADA

Dominion Statistician: R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)Statisticien du Dominion. Chief of Forestry Branch: R.G. Lewis, B.Sc.F., Chef, Branche Forestière.

MISCELLANEOUS PAPER GOODS, 1937.

Ottawa, December, 1938. - The Miscellaneous Paper Goods industry includes all establishments engaged wholly or principally in coating, treating, cutting and otherwise transforming paper and paperboard for special purposes, exclusive of paper boxes and bags and roofing paper which constitute separate groups.

There were 134 establishments in this group in 1937, distributed as follows: Ontario 73, Quebec 45, British Columbia 10, Manitoba 4 and Nova Scotia and Saskatchewan 1 each.

The table below gives the principal statistics of this group for 1936 and 1937 and shows increases for all items but these increases are largely due to the inclusion, in the 1937 statistics, of the operations of a number of plants which were formerly included as a part of the pulp and paper industry.

There are a number of establishments classed in other industrial groups which make relatively small quantities of paper goods as a side-line. Complete figures on production of paper goods by all industrial groups and further details concerning this group will be given in a later report on the paper-using industries as a whole.

OBJETS DIVERS EN PAPIER, 1937.

Ottawa, décembre 1938. - L'industrie des objets divers en papier comprend tous les établissements dont l'occupation exclusive ou principale consiste dans la transformation du papier et du carton pour certains usages spéciaux (papier couche enduit, traité, etc.) à l'exception des boîtes et sacs en papier et du papier-toiture qui constituent des groupes à part.

Il y avait 134 établissements dans ce groupe en 1937 distribués comme suit: Ontario 73, Quebec 45, Colombie Britannique 10, Manitoba 4, Nouvelle-Ecosse 1 et Sas-katchewan 1.

Le tableau ci-dessous donne les principales statistiques de l'industrie pour 1936 et 1937. L'on constate des augmentations pour tous les item, mais ces augmentations sont dues en grande partie, à l'inclusion, dans cette industrie en 1937, de statistiques pour certains établissements, lesquelles étaient auparavant comprises sous l'industrie de la pulpe et du papier.

Il y a un certain nombre d'établissements classés dans d'autres groupes industriels qui produisent des quantités
relativement faibles d'objets en papier en
à côté. Les chiffres de la production
totale des objets en papier de tous les
groupes et des détails additionnels touchant
cette industrie seront donnés dans un rapport subséquent sur toutes les industries
utilisant le papier.

Princ	ipal	Stat	istics

Principales statistiques

Items	Unit	1936	1937	Unité	Item
Establishments	\$ No. \$ No. \$ Kw.h	121 18,974,203 870 1,791,674 2,485 2,270,759 139,076 .10,540,332 111,007 8,523,819 17,578,600	134 23,531,907 1,047 2,169,914 3,081 2,880,127 207,689 20,669,814 148,135 12,299,697 23,525,626	\$ nomb. \$ nomb. \$ kw,h. \$	Etablissements. Capital engagé. Employés à salaire. Salaires payés. Employés à gages. Gages payés. Combustible. Electricité achetée. Electricité achetée. Coût des matières première Valeur de la production.

(Continued)
Price 10 cents.

(Voir la suite p. 2)
Prix, 10 cents.

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The following firms were engaged wholly or chiefly in the manufacture of paper goods in 1936.

Les firmes dont les noms suivent s'occupaient exclusivement ou principalement de la production d'objets en papier en 1936.

Nova Scotia - Nouvelle Ecosse

Canadian Keyes Fibre Co., Ltd., Hantsport.

Quebec - Québec

Aeroxon Fly Catcher of Canada, Ltd., 216 Council St., Sherbrooke.

Appleford Paper Products, Ltd., 6259 Notre-Dame St. E., Montreal (H.O. 78 Stirton St. Hamilton, Ont.)

Bennett Dry-Mat, Ltd., Chambly Canton.

Brown Corporation, La Tuque, (H.O. 71 St. Peter St., Quebec).

Building Products, Ltd., Port Rouge (H.O. Box 6063, Montreal).

Canada Blue Print Paper Co., Ltd., 10 Phillips Sq., Montreal.

Canada Envelope Co., 939 Busby Lane, Montreal.

Canada Paper Co., 407 McGill St., Montreal.

Canadian International Paper Co., Des Commissaires St., Three E

Canadian International Paper Co., Des Commissaires St., Three Rivers (H.O. Sun Life Bldg.,
Montreal.)

Canadian Reed Fibre, Ltd., Wellington St. S., Sherbrooke. Corona Cigarette Tube Co., Ltd., 6334 St. Hubert St., Montreal. Dawson, W.V., Ltd., 993 St. Urbain St., Montreal. Dennison Mfg., Co., of Canada, Ltd., St. George St., Drummondville. Dominion File Co. (The), 4361 De Bullion St., Montreal. Dunbar Pattern Co., 3575 St. Lawrence Blvd., Montreal (H.O. 99 Centre St. Brockton, Mass., Eddy, E. B. Co. Ltd., Hull. U.S.A.). Elliot Addressing Machine Co., of Canada, Ltd., 640 Craig St. W., Montreal. Federal Soda Straw Mfg. Co., 4802 St. Lawrence Blvd., Montreal. Ford, J. & Co. Ltd., Portneuf Station. Georgette & MacDonald, Ltd., 733 Versailles St., Montreal. Golden Gate Mfg. Co., Ltd., 361 Youville St., Montreal. Howard Smith Paper Mills, Ltd., Crabtree Mills, (H.O. 407 McGill St. Montreal). Hughes-Owens Co., Ltd., 1440 McGill College Ave., Montreal. Keuffel & Esser, 7 - 9 Notre-Dame St. W., Montreal (H.O. 127 Fulton St., New York, N.Y.

Kimball, A., Co. of Canada Ltd., 2040 Clarke St., Montreal.

Kraft Paper Products, Ltd., 83 Richelieu St., St-Jean.

Laminated Papers, Ltd., 766 Vitré St. W., Montreal.

Marshall, J.J., Ltd., 494 Lagauchetière St. W., Montreal.

Mimeo-Stencil Mfrs., Ltd., 1190 Drummond St., Montreal.

Modernite Industries, Ltd., 977 Aqueduct St., Montreal.

Montreal Envelope Co., Ltd., 110 St. Peter St., Montreal.

Montreal Wax Paper Mfg. Co., Ltd., 8637 Drolet St., Montreal.

Newsprint Specialty Corp., Ltd., Blvd. St. Olivier, Three Rivers.

Perkins Tissue Mills, Ltd., 424 Guy St., Montreal.

Phillips' Style Service, Rm. 4, 509 McGill St., Montreal.

colland Paper Co. Ltd., Mills at Mt-Rolland & St. Jérôme. (H.O. 116, St-Paul St. W., Montreal)

Romano Fur Designs, Rm. 441, 1010 St-Catherine W., Montreal. Singer Cigarette Paper Tube Co., 4800 de Bullion St., Montreal. Texmark, Ltd., 361 Youville Sq., Montreal. Transparent Garment Cover Co., 989 Côte St., Montreal. Valleyfield Coated Paper Mills, Ltd., Valleyfield. Walker Paper Co., Ltd., 930 Brennan St., Montreal.

Ontario

Alliance Paper Mills, Georgetown (H.O. Merritton).

Appleford Paper Products, Ltd., 78 Stirton St., Hamilton.

Aridor Co. (Canada), Ltd., Cavell Ave., Hamilton.

Art Metropole, 36 Adelaide St. W., Toronto. (H.O. 1440 McGill College Ave., Montreal).

Barber-Ellis, Ltd., 104 Marlboro St., Brantford (H.O. 384 Adelaide St. W., Toronto).

Beaver Co., Ltd., (The), Thorold (H.O. 100 East 42nd St., New York, N.Y. U.S.A.).

Bouvier, L.P., Co., Ltd., 29 Lombard St., Toronto 2.

Bradshaw's, Ltd., 375 Symington Ave., Toronto 9.

Brewers & Bottlers Supply Co., Ltd., 436-438 Wellington St. W. (H.O. 171 Market St., Winnipeg, Man.)

Buntin Gillies & Co., Ltd., 69~73 John St. S., Hamilton. Butterick Co., 468 Wellington St. W., Toronto. (Continued)

(Voir la suite p. 3)

U.S.A.).

Canadian Nashua Paper Co., Ltd., 25 Aylmer St., Peterborough.

Canadian Pad & Paper Co., Ltd., 240 Madison Ave., Toronto.

Canadian Vegetable Parchment Co., Ltd., Merritton.

Card & Paper Works, Ltd., 164 Sherbrooke St., Peterborough.

Chatterson-Clifford, Ltd., 317 Adelaide St. W., Toronto.

Commercial Paper's, Ltd., 320 King St. E., Toronto.

Consolidated Sales Book & Wax Paper Co., Ltd., 800 Burlington St. E., Hamilton.

Crabtree, H.S., Ltd., 3 Toronto St., Toronto.

Cutting, Ltd., 364 Richmond St. W., Toronto.

Dancyger Safety Pin Ticket Co., 489 College Ave., Toronto. (H.O. Detroit Ave., Cleveland, Ohio, U. S. A.).

Dixie-Vortex (Canada) Ltd., 100 Sterling Rd., Toronto.

Dominion Patterns, Ltd., 489 College Ave., Toronto.

Don Valley Paper Co. Ltd., Todmorden (H.O. 388 University Ave. Toronto).

Eaton Crane & Pike Co. of Canada, Ltd., 375 Madison Ave., Toronto.

Fibre Conduits Co., of Canada, Ltd., Cornwall, (H.O. 423 Canada Cement Bldg., Montreal).

Garden City Paper Mills Co. Ltd. St. Catharines.

Gestetner, D. (Canada), Ltd., 117 King St. W., Toronto.

Globe Envelopes, Ltd., 245 Carlaw Ave., Toronto.

Gummed Papers, Ltd., Henderson St., Brampton.

Hamilton Engineering Service, Ltd., 20 Gore St., Hamilton.

Hawley Products, Canada, Ltd., 81 Elgin St., Brantford. (H.O. St. Charles, III., U.S.A.).

Index Card Co., 179 King St. W., Toronto.

Instruments, Ltd., 240 Sparks St., Ottawa.
Instruments, Ltd., 14 Adelaide St., Toronto. (H.O. 240 Sparks St., Ottawa).
Interlake Tissue Mills Co., Ltd., Merritt St., Merritton (H.O. 388 University Ave.
Toronto).

Trvington Varnish & Insulator Co. of Canada, Ltd., Kenilworth Ave. N., Hamilton. Jones Pattern Co. Ltd., 76 Richmond St. E., Toronto. Kilgours, Ltd., 21 Wellington St., Toronto. Kraft Tapes. Ltd., 123 - 125 Queens Ave., London. La Monte, Geo. & Son, Ltd., 319 Carlaw Ave., Toronto. Lockhart Bros. & Co., 782 King St. W., Toronto. Lovell, R.J., Co., Ltd., (The), 70 Duke St., Toronto. MacMillan Office Appliance Co., 9 - 11 Magee Ave., Westboro. McNairn, J.H., Ltd., 468 King St. W., Toronto. Miller Bros. Co., Ltd., Glen Miller (H.O. P.O. Box 827, Trenton). Mimeograph Co., Ltd., 189 John St., Toronto. Monarch Marking System, Ltd., 358 Adelaide St. W., Toronto. Morgese, Soriano, Co., 443 King St. W., Toronto. National Paper Goods, Ltd., 144 Queen St. N., Hamilton. Needlework Pattern Service, Ltd., 133 Jarvis St., Toronto. Northern Paper Mills, Ltd., 43 Hanna Ave., Toronto. (H.O. 64 Gerrard St. E., Toronto). Paper Novelty Mfg. Co., 150 Duchess St., Toronto. (H.O. 505 Conoll St., New York, N.Y.'.

erry Sales Co., 988 Princess Ave., London. Preston-Noelting, Ltd., 163 King St., Stratford. Provincial Paper, Ltd., Georgetown. (H.O. 388 University Ave., Toronto). Purity Fibre Products Co., Ltd., 1207 King St. W., Toronto. Purity Milk Cap, Ltd., 1190 King St. W., Toronto. Raw, J. Frank, Co., Ltd. (The), 105 Church St., Toronto. Reader Mail, Ltd., 60 Front St. W., Toronto. Robinson, E.S. & A., (Canada), Ltd., 888 Dupont St., Toronto. Schaefer-Ross Co. of Canada Ltd., 100 Sterling Rd., Toronto. Silver, Hugh, & Son, King St., Prescott. Sonoco Products of Canada, Ltd., 33 Park Ave., Brantford. Spiegel, Max, & Sons, Co., 69 York St., Toronto. Stone Straw Corporation, of Canada, Ltd., 575 Adelaide St., W., Toronto. Stuckey, Albert H., 12 Lombard St., Room 16, Toronto. (H.O. 18 Lombard St. Toronto). Surecatch Fly Catchers, Regd., 497 George St., Woodstock. Toronto Envelope Co., Ltd., 366 Adelaide St. W., Toronto. Tugwell, H. C., & Co., Ltd., 223 Bay St., Toronto. Visible Records, Ltd., 166 King St. W., Toronto. Wallboards, Ltd., 345 Dufferin St., Toronto. Wilson Fly Pad Co., 73 King St. W., Hamilton. (H.O. P.O. Box 335).

Pearce Envelope Mfg. Co., 112 Adelaide St. W., Toronto.

(Concluded)

(Voir la fin p. 4)

Manitoba

Barber-Ellis, Ltd., 158 James Ave., Winnipeg. (H.O. 384 Adelaide St. W., Toronto).

Brewers & Bottlers Supply Co., Ltd., 171 Market St. E., Winnipeg.

Hughes-Owens Co., Ltd., Galt Bldg., 103 Princess St., Winnipeg. (H.O. 1440 McGill College Ave., Montreal).

Winnipeg Envelopes, Ltd., 61 - 63 Gartie St., Winnipeg.

Saskatchewan

Capital Envelopes, Ltd., 2002 Dewdney Ave., Regina.

British Columbia - Colombie Britannique

Barber-Ellis, Ltd., 950 Homer St., Vancouver. (H.O. 384 Adelaide St. W. Toronto).
Brewers & Bottlers Supply Co., Ltd., 1088 Mainland St., Vancouver, (H.O. 171 Market St., Winnipeg, Man.)

Columbia Paper Co., Ltd., 996 Horner St., Vancouver.

Excelsior Paper Stock, Ltd., 1531 Main St., Vancouver.

Foster, C.P., & Co., Ltd., 592 Seymour St., Vancouver.

Pacific Mills, Ltd., Plants - Ocean Falls & Vancouver, (H.O. Foot of Campbell Ave., Pioneer Envelopes, Ltd., 1176 Homer St., Vancouver.

Vancouver, P.O. Box 10).

Smith, Davidson & Wright, Ltd., 1198 Homer St., Vancouver.

Westminster Paper Co., Ltd., 16th St. & Fifth Ave., New Westminster.

The following firms were engaged wholly or chiefly in the manufacture of wallpaper in 1937:

Les firmes dont les noms suivent s'occupaient exclusivement ou principalement de papier tenture en 1937:

Quebec - Québec

Mount Royal Wallpaper Co., 157 Lagauchetière St. W., Montreal. Watson-Foster Co., Ltd., 4115 Ontario St. E., Montreal.

Ontario

Boxer, Reg. N., Co., Ltd., Seventh & Birmingham Sts., New Toronto. Staunton's, Ltd., Eglinton Ave., Leaside. Sun-Tested Wallpapers, Ltd., 1244 Dufferin St., Toronto.

Julp and Paper Experts Discuss Woods Problems at 2-Day Rally

Control of Insect Damage Discussed Before 225 Delegates New Logging Methods Devised To Meet Problem of Procuring Timber

Singer, Que., July 16.—Problems of transport, including methods of hauling lumber and road construction, the danger to the forests from destructive insects and fires, and tion, the danger to the forests from destructive insects and fires, and other questions of forest management, were discussed by the 225 delegates to the annual summer meeting of the Woodlands Section of the Canadian Pulp and Paper Association, which has for the past two days been held in this small logging depot, located some fifty miles northeast of Ottawa in the Valley of the Little Nation River. A programme of practical demonstration of logging equipment was stration of logging equipment was also given, and throughout the course of the meeting it was emphasized that the woodlands section of the industry was becoming relatively more and more important.

The formal meetings of the section, which were attended by foresters and woodlands managers of the pulp and paper companies of Eastern Canada and New England, and representatives of the manufacturers of machinery used in this branch of the industry, were under the joint chairmanship of A. M. Koroleff, of Montreal, secretary-forester of the Woodlands Section of the Canadian Pulp and Paper Association, and J. O. Wilson, of

Quebec, chairman of the section. Mr. Koroleff, in discussing the "woods end" of the industry, expressed the view that in the face of increasing local difficulties and foreign competition, the procuring of wood for the mills was becoming a problem of much greater importance. Companies were forced to go farther and farther to get their wood, and to meet the added cost involved have been forced to resort to new and ingenious logging methods. The section endeavored, he said, to study scientifically the mathematical study scientifically the mathematical study scientifical study. ally the methods available, as well as the best means of protecting the nation's forests from fire, fungi, and insects. Forest management also demanded a thorough knowledge of logging engineering, economics, and the nature of the lumberjacks if the competition of those countries that have learned to produce wood with the minimum of expense is to

PEST DAMAGE GREAT.

be met.

The problem of the control of destructive insects in the woods was dealt with in two papers by J. J. deGryse, of the entomological branch of the Department of Agriculture, Ottawa. He traced the light of the demand the light of th history of the damage that had occurred in the past as a result of epidemics of these pests, and expressed the hope that soon a system of control would be organized that would render such disasters impossible. The new entomology, he said, was primarily the study of the origins and causes of these outbreaks. For years attempts had outbreaks. For years attempts had ations in the Province of Quebec been made to develop a systematic and in Bavaria, and with the auto"insect intelligence service," and motive industry, was shown in the considerable strides had already been made throughout the country; however the fullest co-operation of the public and the industry was necessary if the fight against such pests as the spruce saw-fly was to be successful. A number of species were becoming dangerous every day, he said, and if nothing was done would within five or ten years cause widespread destruction. A great difficulty was to educate the woodsmen to recognize such a danger when the first signs ap-

Rene Gobeil, forest entomologist for the provincial Government, explained the growth of the newlyformed provincial service. Its main activity, he said, had been an en-deavor to discover the damage done by the spruce saw-fly in the Gaspe peninsula. Parasites by the million were being bred to kill the fly. which in some districts had wiped out more than half of the standing timber; eradication was made all the more difficult because of the fact that the saw-fly was not a domestic insect, and hence its parasites had to be imported. At least 2,500 men throughout Canada were already helping in the study of forest in-sect life, he said.

THREE PROJECTS STUDIED.

An account of three projects studied by the Forest Products Laboratories of the federal Government-wood as fuel. the rationalization of logging sleighs, and varia-tion in the density of spruce and balsam — was presented by E. S. Fellows, W. E. Wakefield and J. D. Hale, Mr. Fellows reported that a greater and more efficient use of wood as fuel was especially desirable in Canada as it would create a wider market for hardwood. which as a result would have less opportunity of spreading and taking ground from more valuable species. Another factor to be considered, he said, was the large annual bill spent by Canada for various imported fuels. Mr. Wakefield stated that the laboratory had been carrying out a programme of experiments with a view to discovering a suitable type of all-steel sleigh that would in the future serve as a standard model.
P. V. LeWay, of the Canadian

International Paper Company, read a paper on "Location and Construc-tion of Portage Roads." Roads, he said, were the backbone of all forest management, and too seldom was sufficient care taken in choosing the type of road, and its location, that would allow for a reduc-tion of portaging costs. Construction had improved considerably in the past few years. he said, and time and money had been saved with the introduction of machinery in the actual building and clearing.

Other papers which dealt with lumber hauling included: "New Uses for Tractors on Logging Operations," by W. J. Carson, of the Caterpillar Tractor Company; "Hauling Price Derivation for Fourfoot Wood, Horse Hauled," by A. M.
Jones, of the Anglo-Canadian Pulp
and Paper Mills; "A New Method of
Yarding Pulpwood," by Ernest
Rand, of Cumberland Centre,
Maine; and "Steel Bridges as Used
on the Nepisiguit Portage Road," by
G. D Ellis, of the Bathurst Power
and Paper Company, Mr. Ellis statand Paper Company. Mr. Ellis stated that in his experience steel bridges were more satisfactory than wooden, but it was pointed out by several of the members that creosote-treated wooden bridges frequently lasted as long as did steel bridges, and that wooden spans up to 180 feet in length had been built in Ontario and British Columbia.

Development in recent years of the use of trucks for hauling sleighs was outlined by R. S. Armitage, of Price Brothers. Many areas had been successfully opened for operation by the use of trucks, he said, and hauling costs has been considerably lowered. Mr. Armitage stated that It was announced that C. R.

tion was preparing a book on the development of truck use, which would shortly be published, following an investigation lasting for the past ten months. The general trend of merchandization in getti::g wood out of the forest was pointed out several times during the meetings. This was believed to be caused by higher labor costs, and, in some dis-

tricts, a lowering of the efficiency of

The following papers were also read to the delegates: "A Suggested Procedure for the Use of Vertical Aerial Photographs in Quebec Province," by F. R. Wilcox and F. Martineau, of the Canadian International Paper Company; "Bundling Timber for Towing in Finland," by Lauri Kivinen; "Camp Estimates". by L. A. Nix, of the Bathurst Power and Paper Company; "Sap Peeling of Pulpwood," by Chester W. Alden, of the Oxford Paper Company; "Mechanical Compilation of Scaling Records as Applied to Log Scaling Records as Applied to Log Lengths," by L. L. Campbell, of Consolidated Paper Corporation; and "Southern Pine for Pulpwood," by W. P. Good, of the American Pulpwood Association.

Yesterday morning demon tions of trucks for logging demonstrahauling pulpwood, power and hand tools, and firefighting apparatus were held. Executives of the section stated that this was the first time that distributors of mechanical equipment had offered such a wide variety of products for demonstration at the meeting. In the camp here several tents were pitched, in skilled operators demonstrated axes, saws, and other log-ging tools. An interesting exhibit was a two-way radio-telephone set installed by the Canadian Marconi Company, which maintained com-munication with the office of the Singer Manufacturing Company at Thurso, Que., on the Ottawa River.

MANY FIRMS EXHIBIT.

Other companies exhibiting and

demonstrating their products in-cluded: International Harvester Company, the Ford Motor Company

pany, the Dominion Logging Company, Mussens, Limited, Watson, Jack Company, Pulp and Paper

Mills Accessories, Sandvik Canadian, Limited, Welland Vale Manufacturing Company, and H. V. Welles, Limited. At the conclusion of last night's

meeting a programme of moving pictures, dealing with logging oper-

open here.
This morning breakfast was served in the depot cookhouse at 6.15, and an hour later the delegates were taken ten miles up the line of the Thurso and Nation Valley Railway—a subsidiary of the Singer Manufacturing Company—to watch

a demonstration of logging machin-ery at work in the woods. The trip, almost to the end of the rail-way line, was made on flat-cars, which halted at a clearing where the operations were in progress. Powerful six and fifteen-ton tractors, combining grader and "bulldozer", cut skidways along the hillsides, showing their terrific power by uprooting fullgrown trees and

pushing heavy stumps out of the ground as they levelled the earth in preparation for the log-hauling, "skidding", by tractor, which followed.

Following lunch at the camp, the party returned to Singer, where a meeting this afternoon brought an end to the gathering.

The thanks of the Woodland Section to the Singer Manufacturing Company were expressed by the chairman to P. B. Bourget, manager at Thurso, and Louis Scheult, woods manager, who organized the meeting here. The Singer limits include some 530 square miles in the valley of the Little Nation, extending from the Ottawa River almost as far north as Nominingue.

Many members expressed their conviction that the country's losses from forest fires could be greatly reduced if the programme of educating the public was continued. It was estimated that 84 per cent of all fires were due to carelessness, and with a view to continuing prevention propaganda, the Dominion Forest Service is giving another series of radio plays this autumn. 4 The gazette"