CIHM Microfiche Series (Monographs)

¢

ICMH Collection de microfiches (monographies)



Canadian Institute for Historical Microreproductions / Institut canadian de microreproductions historiques



Technical and Bibliographic Notes / Notes techniques et bibliographiques

The Institute has attempted to obtain the best original copy available for filming. Features of this copy which may be bibliographically unique, which may alter any of the images in the reproduction, or which may significantly change the usuaf method of filming, are checked below. L'Institut a microfilmé le meilleur exemplaire qu'il lui a été possible de se procurer. Les détails de cet exemplaire qui sont peut-être uniques du point de vue bibliographique, qui peuvent modifier une image reproduite, ou qui peuvent exiger une modification dans la méthode normale de filmage sont indiqués ci-dessous.

Covers damaged/ Covers restored and/or laminated Cover staure endommagie Pages decoled and/or laminated/ Columents Decoled and/or laminated and/or laminated/ Pages decoled and/or laminated/ Pages decoled and/or laminated/ Counter endowers Decoled and/or due to take to decoled and/or laminated/ Comprend un (des) index Decoled and/or animate interver Decoled and/or animate interver Page de tute de la lavianon Decoled and and decoled and/or decoled Decoled and/or dominate interver Decoled and/or dominat	Coloured covers/	Coloured pages/			
V Couverture endommagée Pages entoréd and/or laminated Couverture restaurée et/ou pelliculés Pages descolourée, stancée et/ou pelliculées Couver diste missing/ Pages descolourée, stancée et ou piquees Coloured maps/ Pages descolourée, stancée ou piquees Coloured maps/ Pages descolourée, stancée ou piquees Coloured maps/ Pages descolourée, stancée ou piquees Coloured ink (i.e. other than blue or black)/ Showthrough/ Encre de couleur (i.e. autre que bleue ou noire) Coloured plates and/or illustrations? Coloured plates and/or illustrations? Quality of print varies/ Planches et/ou ullistrations en couleur Quality of print varies/ Bund with other material/ Continuous pagination (Relie avec d'autres documents Includes index(es)/ Ingint binding may cause shadows or distortion Includes index(es)/ La reliure serrée peut causer de l'ombre ou de la distorsion leage of sisue Page de titre de la liviasion It se peut duic certaines pages blanches ajoutées liurs d'un erstauration apparassent dans le texte, mai, n'ansue cela etait possible ces pages nont pai eté filmées Caption of asue (Masthead: Commentaires supplementaires Caption d'asue(Thirt de depart de la liviasion Generique	Couverture de couleur	Pages de couleur			
V Couverture endommagée Pages entoréd and/or laminated Couverture restaurée et/ou pelliculés Pages descolourée, stancée et/ou pelliculées Couver diste missing/ Pages descolourée, stancée et ou piquees Coloured maps/ Pages descolourée, stancée ou piquees Coloured maps/ Pages descolourée, stancée ou piquees Coloured maps/ Pages descolourée, stancée ou piquees Coloured ink (i.e. other than blue or black)/ Showthrough/ Encre de couleur (i.e. autre que bleue ou noire) Coloured plates and/or illustrations? Coloured plates and/or illustrations? Quality of print varies/ Planches et/ou ullistrations en couleur Quality of print varies/ Bund with other material/ Continuous pagination (Relie avec d'autres documents Includes index(es)/ Ingint binding may cause shadows or distortion Includes index(es)/ La reliure serrée peut causer de l'ombre ou de la distorsion leage of sisue Page de titre de la liviasion It se peut duic certaines pages blanches ajoutées liurs d'un erstauration apparassent dans le texte, mai, n'ansue cela etait possible ces pages nont pai eté filmées Caption of asue (Masthead: Commentaires supplementaires Caption d'asue(Thirt de depart de la liviasion Generique	Constant demonster	Pages damaged/			
Covers restored and/or laminated Pages restored and/or laminated / Cover title missing/ Pages restored and/or laminated / Cover title missing/ Pages descolories, tacheties ou projects Coloured maps/ Pages descolories, tacheties ou projects Coloured ink (i.e. other than blue or black)/ Pages descolories, tacheties ou projects Coloured ink (i.e. other than blue or black)/ Showthrough/ Coloured plates and/or illustrations/ Quality of print varies/ Coloured plates and/or illustrations/ Quality of print varies/ Planches et/ou illustrations en couleur Quality of print varies/ Planches et/ou illustrations en couleur Quality of print varies/ Quality of print varies/ Quality of print varies/ Quality of print varies/ Quality of print varies/ Includes index(e)/ Commention pages descolories La reliure veriee pout causer de l'ombre ou de la discossion le long de la marge interieure Includes index(e)/ List e do causer doubents Includes index(e)/ La reliure veriee pout causer de l'ombre ou de la discossion i le ong de la marge interieure Includes index(e)/ La reliure veriee pout causer de l'ombre ou de la discossion le long de la marge interieure Inter de depart de la loriaison					
Couverture restaurée et/ou pellicules Cover title missing/ Le title de couverture mangue Coloured maps/ Cates géographiques en couleur Coloured ink (i.e. other than blue or black)/ Encre de couleur (i.e. autre que bleue ou noire) Coloured plates and/or illustrations/ Coloured plates and/or illustrations/ Coloured plates and/or illustrations/ Planche et/ou illustrations on couleur Bound with other material/ Relie avec d'autret documents Tight binding may cause shadows or distortion along the text Blank leaves added during restoration may appear within the text Whenever possible, these have been omitted from filming/ It is pait que certaines pages blanches ajoutés lus distonal comments / Cation of issue/ mas, inseque cela etait possible ces pages n ont page et lifted at the reduction ratio checked below/ Ce document ast filmed at the reduction ratio checked below/ Ce document ast filmed at the reduction ratio checked below/ Cate text is filmed at the reduction ratio checked below/ Commentaires supplémentaires	L Couverture endonimagee				
Couverture restaurée et/ou pellicules Cover title missing/ Le title de couverture mangue Coloured maps/ Cates géographiques en couleur Coloured ink (i.e. other than blue or black)/ Encre de couleur (i.e. autre que bleue ou noire) Coloured plates and/or illustrations/ Coloured plates and/or illustrations/ Coloured plates and/or illustrations/ Planche et/ou illustrations on couleur Bound with other material/ Relie avec d'autret documents Tight binding may cause shadows or distortion along the text Blank leaves added during restoration may appear within the text Whenever possible, these have been omitted from filming/ It is pait que certaines pages blanches ajoutés lus distonal comments / Cation of issue/ mas, inseque cela etait possible ces pages n ont page et lifted at the reduction ratio checked below/ Ce document ast filmed at the reduction ratio checked below/ Ce document ast filmed at the reduction ratio checked below/ Cate text is filmed at the reduction ratio checked below/ Commentaires supplémentaires	Covers restored and/or laminated	Pages , estored and/or laminated/			
Le titre de couverture manque Pages décolorées, tachetées ou piquees Coloured maps/ Pages décolorées, tachetées ou piquees Coloured ink (i.e. other than blue or black)/ Pages détachées Coloured jates and/or illustrations/ Duality of print varies/ Planches et/ou illustrations en couleur Ouality of print varies/ Coloured jates and/or illustrations Ouality of print varies/ Planches et/ou illustrations en couleur Ouality of print varies/ Planches et/ou illustrations en couleur Ouality of print varies/ Bound with other material/ Continuous pagination/ Relie avec d'autres documents Pagination continue Tight binding may cause shadows or distortion Includes index(es)/ Jong interior margin/ Comprend un (des) index La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge intérieure Title on header taken from / Le titre de l'en tête provient Blank leaves added during restoration may appear Title page of issue! within the text. Whenever possible, these have been omitted from filming/ Page de titre de la livraison Dist d'une restauration apparaissent dans le texte, mais, insrigue cela etait possible ces pages n ont pas ete filmées Mastheadr Commentaires supplementaires Mastheadr Commentaires supplementaires Ouality of print varies V 14X 18X	Couverture restaurée et/ou pellicure	Pages restaurées et/ou pelliculées			
Le titre de couverture manque Pages décolorées, tachetées ou priquees Coloured maps/ Pages décolorées, tachetées ou priquees Coloured ink (i.e. other than blue or black)/ Pages détachées Coloured jates and/or illustrations/ Duality of print varies/ Planches et/ou illustrations en couleur Ouality of print varies/ Planches et/ou illustrations en couleur Ouality of print varies/ Bound with other material/ Ouality of print varies/ Tight binding may cause shadows or distortion Includes index(es)/ La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge intérieure Includes index(es)/ Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ Page de titre de la livraison Blank leaves added during restoration may appear within the text. Whenever possible, dhese have been omitted from filming/ Page de titre de la livraison Dis d'une restauration apparaissent dans le texte, mais, insrigue cela etait possible ces pages n ont pas ete filmées Masthead/ Additional comménts / Commentaires Commentaires supplementaires Masthead/ Ouditional comménts / Its possible ces pages n ont pas ete filmées Masthead/ Generique (periodiques) de la hivraison					
Coloured maps/ Pages detached/ Cartes géographiques en couleur Pages détachées Coloured ink (i.e. other than blue or black)/ Showthrough/ Encre de couleur (i.e. autre que bleue ou noire) Transparence Coloured plates and/or illustrations/ Quality of print varies/ Planches et/ou illustrations en couleur Quality of print varies/ Bound with other material/ Quality of print varies/ Relie avec d'autres documents Continuous pagination/ Pages detachées Continuous pagination/ Pagination continue Includes index(es)/ Congrend un (des) index Tight binding may cause shadows or distortion along interior margin/ La refure servée peut causer de l'ombre ou de la distorsion le long de la marge intérieure Includes index(es)/ Blank leaves added during restoration may appear Title on header taken from // Le titre de l'en tête provient Us of une restauration apparassent dans le texte, mas, lorsque cela etait possible ces pages nont pas ere filmées Masthead/ Commentaires supplementaires Masthead/ Commentaires supplementaires Masthead/ Commentaires supplementaires Instrume test filme au taux de reduction indigue ci dessous 'Ux 14x 18x 22x					
Cates géographiques en couleur ✓ Pages détachées Coloured ink (i.e. other than blue or black)/ Showthrough/ Encre de couleur (i.e. autre que bléue ou noire) Transparence Coloured plates and/or illustrations/ Quality of print varies/ Planches et/ou illustrations en couleur Quality of print varies/ Planches et/ou illustrations en couleur Quality of print varies/ Bound with other material/ Continuous pagination/ Relie avec d'autres documents Pages détachées Tight binding may cause shadows or distortion Includes index(es)/ Comprend un (des) index La reliure seriée peut causer de l'ombre ou de la distorsion le long de la marge intérieure Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ List the on header taken from / Le titre de l'en tête provient Blank leaves added during restoration may appear within the text. Whenever possible, these have Caption of issue: Blank leaves added during restoration may appear match infilming/ List de al inviasion It is peut que certaines pages blanches ajoutées Title page of issue: Dation of issue: Caption of issue: mas, Lisreque et al inviasion Masthead: Generique (periodiquest) de la livraison	Le titre de couverture manque	Pages decolorees, tachetees ou piquees			
Cates géographiques en couleur ✓ Pages détachées Coloured link (i.e. other than blue or black)/ Showthrough/ Encre de couleur (i.e. autre que bléue ou noire) Transparence Coloured plates and/or illustrations/ Quality of print varies/ Planches et/ou illustrations en couleur Quality of print varies/ Bound with other material/ Continuous pagination/ Relie avec d'autres documents Pages détachées Tight binding may cause shadows or distortion Includes index(es)/ Comprend un (des) index La reliure seriée peut causer de l'ombre ou de la distorsion le long de la marge intérieure Includes index(es)/ Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ Li ture de l'en tête provient Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ Page de titre de la livraison Lis peut que certaines pages blanches ajoutées Caption of issue? Dation of issue? It is peut que certaines pages nont pas et filmées Masthead? Generique (periodiquest de la livraison Masthead? Generique (periodiquest de la livraison Masthead? Commentaires supplementaires 14x 18x 22x 2x 2x<	Coloured mans/	Pages detached/			
Coloured ink (i.e. other than blue or black)/ Showthrough/ Encre de couleur (i.e. autre que bleue ou noire) Transparence: Coloured plates and/or illustrations/ Quality of print varies/ Planches et/ou illustrations en couleur Quality of print varies/ Bound with other material/ Quality of print varies/ Relie avec d'autres documents Continuous pagination/ Tight binding may cause shadows or distortion along interior margin/ Includes index(ec)/ La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge interieure Title on header taken from / Le titre de l'en tête provient Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ If is peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, inrigue cela était possible ces pages n ont pas ete filmées Caption of issue/ Page de titre de la livraison Additional comments / Commentaires upplementaires Masthead: Generique (periodiquest) de la livraison Masthead: Commentaires upplementaires This item is filmed at the reduction ratio checked below/ Cri document est filme au taus de reduction indigue is dessous 28x 28x 28x 28x 28x 28x					
Encre de couleur (i.e. autre que bleue ou noire) Transparence Coloured plates and/or illustrations/ Planches et/ou illustrations en couleur Quality of print varies/ Quality in pression Bound with other material/ Relie avec d'autres documents Constituous pagination/ Pagination continue Tight binding may cause shadows or distortion along interior margin/ La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge interieure Includes index(es)/ Comprend un (des) index Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ It is peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, inrisque cela etait possible ces pages n'ont pas eté filmées Caption of issue/ Denordiques) de la livitaison Additional comments / Commentaires supplementairex Masthead: Generique (periodiques) de la livitaison Masthead: Senerique (periodiques) de la livitaison	Cartes geographiques en coureur				
Encre de couleur (i.e. autre que bleue ou noire) Transparence Coloured plates and/or illustrations/ Planches et/ou illustrations en couleur Quality of print varies/ Quality in pression Bound with other material/ Relie avec d'autres documents Constituous pagination/ Pagination continue Tight binding may cause shadows or distortion along interior margin/ La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge interieure Includes index(es)/ Comprend un (des) index Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ It is peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, inrisque cela etait possible ces pages n'ont pas eté filmées Caption of issue/ Denordiques) de la livitaison Additional comments / Commentaires supplementairex Masthead: Generique (periodiques) de la livitaison Masthead: Senerique (periodiques) de la livitaison	Coloured ink (i.e. other than blue or black)/	Showthrough/			
Planches et/ou illustrations en couleur ✓ Qualite inégale de l'impression Bound with other material/ Relie avec d'autres documents Continuous pagination/ Pagination continue Tight binding may cause shadows or distortion along interior margin/ La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge intérieure Includes index(es)/ Comprend un (des) index Blank leaves added during restoration may àppear within the text. Whenever possible, these have been omitted from filming/ Il se peut que certaines pages blanches ajoutées lors d'une restauration appariassent dans le texte, mais, Inrique cela était possible ces pages n'ont pas ete filmées Caption of issue/ Titte de depart de la livriaison Additional comments / Commentaires supplementaires Masthead/ Generique (periodiques) de la livriaison Matterial at the reduction ratio checked below/ Ce document est filme au taux de reduction indique ci dessous 22X (b.x.		Transparence			
Planches et/ou illustrations en couleur ✓ Qualite inégale de l'impression Bound with other material/ Relie avec d'autres documents Continuous pagination/ Pagination continue Tight binding may cause shadows or distortion along interior margin/ La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge intérieure Incluides index(es)/ Comprend un (des) index Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ Il se peut que certaines pages blanches ajoutées lors d'une restauration appariassent dans le texte, mais, Insrque cela était possible ces pages n'ont pas ete filmées Caption of issue/ Titte de depart de la livriaison Additional comments / Commentaires supplementaires Masthead/ Generique (periodiques) de la livriaison Mathead at the reduction ratio checked below/ Ce document est filme au taux de reduction indique ci dessous 22X 25X					
Bound with other material/ Cnitinuous pagination/ Relie avec d'autres documents Pagination continue Tight binding may cause shadows or distortion Includes index(es)/ along interior margin/ Comprend un (des) index La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge intérieure Title on header taken from / Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ Page de titre de l'en tête provient Il se peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, linitgue cela etait possible ces pages nont pas ete filmées Caption of issue/ Additional comments / Commentaires Masthead/- Commentaires supplementaires Masthead/- Generique (periodiques) de la liviaison 'Ox 14x 18X 22X (b.x 10.x	Coloured plates and/or illustrations/				
Relie avec d'autres documents Pagination continue Tight binding may cause shadows or distortion along interior margin/ Includes index(es)/ La reliure seriée peut causer de l'ombre ou de la distorsion le long de la marge intèrieure Includes index(es)/ Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ Title page of issue: Page de titre de la livraison Title de logart de la livraison Il se peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, inrigue cela était possible ces pages n'ont pas ete filmées Caption of issue? Additional comments / Commentaires supplementaires: Masthead? This item is filmed at the reduction ratio checked below/ Ce document est filme au taux de reduction indique ci dessous 10X 14X 18X 22X 25.5 10X 14X 18X 22X 25.5	Planches et/ou illustrations en couleur	Qualite inégale de l'impression			
Relie avec d'autres documents Pagination continue Tight binding may cause shadows or distortion along interior margin/ Includes index(es)/ La reliure seriée peut causer de l'ombre ou de la distorsion le long de la marge intèrieure Comprend un (des) index Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ Title page of issue: Blank leaves added during restoration apparaisent dans le texte, mais, inrigue cela était possible ces pages n'ont pas ete filmées Caption of issue/ Masthead/ Generique (periodiquest) de la livraison Additional comments / Commentaires supplementaires: This item is filmed at the reduction ratio checked below/ Cexture de stores 10X 14X 18X 22X 25X 25X	Round with other material/	Continuous pagination/			
Tight binding may cause shadows or distortion along interior margin/ La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge intérieure Includes index(es)/ Comprend un (des) index Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ If is peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, inrigue cela etait possible ces pages n'ont pas ete filmées Title page of issue Page de titre de la livraison Titre de depart de la livraison Additional comments / Commentaires supplementaires: Masthead/ Generique (periodiques) de la livraison 10X 14X 18X					
Ingre trainer margin/ La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge intérieure Comprend un (des) index Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ Il is peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, Inrsque cela était possible: ces pages n ont pas eté filmées Masthead: Generique (periodiques) de la hivraison Additional comments / Commentaires supplementaires This item is filmed at the reduction indique ci dessous '0X 14X 18X 22X 26.5 30.8	L Relie avec d'autres documents	ragination continue			
La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge intérieure La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge intérieure Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ Il is peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, Inrsque cela etait possible ces pages n'ont pas ete filmées Additional comments / Coinmentaires supplementairés: This item is filmed at the reduction ratio checked below/ Ce document est filme au taux de reduction indique ci dessous INX 14X 18X 22X 05 x 30 x	Tight binding may cause shadows or distortion	Includes index(es)/			
distorsion le long de la marge intèrieure Title on header taken from / Le titre de l'en tête provient Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ Il se peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, Inrisque cela etait possible ces pages n'ont pas ete filmées Title on header taken from / Le titre de l'en tête provient Masthead: Commentaires supplémentairés Masthead: Generique (periodiques) de la livraison Additional comments / Commentaires supplémentairés Masthead: Generique (periodiques) de la livraison 10x 14x 18x 22x 26 x		Comprend un (des) index			
Le titre de l'en tête provient Le titre de l'en tête provient Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ Il se peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, Inrique cela etait possible, ces pages n'ont pas eté filmées Additional comments / Commentaires supplementaires: This item is filme au taux de reduction indique ci dessous '0 X 14X 18X 22X 3'5 x 30 x	La reliure serrée peut causer de l'ombre ou de la				
Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/ Title page of issue Il se peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, linrsque cela etait possible ces pages n'ont pas eté filmées Caption of issue/ Masthead/ Generique (periodiques) de la livraison Additional comments / Commentaires supplementaires Generique (periodiques) de la livraison This item is filmed at the reduction ratio checked below/ Ce document est filme au taux de reduction indique ci dessous 26 x '0x 14x 18x 22x 26 x	distorsion le long de la marge intérieure	Title on header taken from /			
 within the text. Whenever possible, these have been omitted from filming/ If se peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, Inrsque cela etait possible ces pages n ont pas ete filmées Additional comments / Commentaires supplementaires: This item is filmed at the reduction ratio checked below/ Cb document est filme au taux de reduction indique ci dessous 10x 14X 18X 22X 25x 30x 		Le titre de l'en tête provient			
been omitted from filming/ Page de titre de la livraison Il se peut que certaines pages blanches ajoutées Caption of issue/ lors d'une restauration apparaissent dans le texte, Caption of issue/ mais, Inrsque cela etait possible ces pages n'ont Titre de depart de la livraison pas eté filmées Masthead/ Generique (periodiques) de la livraison Additional comments / Commentaires supplementaires This item is filmed at the reduction ratio checked below/ Ce document est filme au taux de reduction indique ci dessous '0X 14X 18X 22X 25 x					
Il se peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, linsque cela était possible ces pages n'ont pas ete filmées Additional comments / Commentaires supplementaires This item is filmed at the reduction ratio checked below/ Ce document est filmé au taux de reduction indique ci dessous 10 x 14 x 18 x 22 x 36 x 30 x					
iors d'une restauration apparaissent dans le texte, mais, linsque cela etait possible ces pages n'ont pas ete filmées Caption of issue/ Titre de depart de la livraison Masthead/ Generique (periodiques) de la livraison Additional comments / Commentaires supplementaires This item is filmed at the reduction ratio checked below/ Ci: document est filme au taux de reduction indique ci dessous '0X 14X 10X 14X	•	Page de titre de la livraison			
mais, Inrsque cela etait possible ces pages n ont pas ete filmées Masthead/ Generique (periodiques) de la livraison Additional comments / Commentaires supplementaires: This item is filmed at the reduction ratio checked below/ Ci: document est filme au taux de reduction indique ci dessous '0x 10x 14x 18x 22x Cib is 30x		Caption of itue/			
pas ete filmées Masthead: Generique (periodiques) de la liviaison Additional comments / Commentaires supplementaires This item is filmed at the reduction ratio checked below/ Cie document est filme au taux de reduction indique ci dessous 10 X 14 18 22 X 26 X 30 X 10 X 14 X 18 X 22 X 36 X 30 X					
Generique (periodiques) de la fiviaison Additional comments / Commentaires supplementaires: This item is filmed at the reduction ratio checked below/ Cir document est filme au taux de reduction indique ci dessous '0 X 14X 18X 22X 26 x 30 x					
Additional comments / Commentaires supplementaires: This item is filmed at the reduction ratio checked below/ Ci: document est filme au taux de reduction indique ci dessous 10 X 14 18 22 X 36 x 30 x		Masthead/			
Commentaires supplementaires: This item is filmed at the reduction ratio checked below/ Ce document est filme au taux de reduction indique ci dessous 10 x 14 x 18 x 22 x 36 x 30 x 10 x 10 x 14 x 18 x 18 x 18 x 10 x 10 x 10 x 10 x 10		Generique (periodiques) de la fiviaison			
Commentaires supplementaires: This item is filmed at the reduction ratio checked below/ Ce document est filme au taux de reduction indique ci dessous 10 x 14 x 18 x 22 x 36 x 30 x 10 x 10 x 14 x 18 x 18 x 18 x 10 x 10 x 10 x 10 x 10					
This item is filmed at the reduction ratio checked below/ Cir document est filme au taux de reduction indique ci dessous 10 X 14 X 18 X 22 X 26 x 30 X					
Condocument est filme au taux de reduction indique ci dessous 10 X 14 X 18 X 22 X 26 x 30 x	Commentaires supplementaires				
Condocument est filme au taux de reduction indique ci dessous 10 X 14 X 18 X 22 X 26 x 30 X	This item is filmed at the reduction ratio checked below/				
10 x 14 x 18 x 22 x 30 x					
		ימי זאי ארי			
	12x 16x 20x	24x 28x			

The copy filmed here has been reproduced thanks to the generosity of:

Archives of Ontario Toronto

The images appearing here are the best quality possible considering the condition and legibility of the original copy and in keeping with the filming contract specifications.

Original copies in printed paper covers are filmed beginning with the front cover and ending on the last page with a printed or illustrated impression, or the back cover when appropriate. All other original copies are filmed beginning on the first page with a printed or illustrated impression, and ending on the last page with e printed or illustrated impression.

The lest recorded frame on each microfiche shall contain the symbol \longrightarrow (meaning "CON-TINUED"), or the symbol ∇ (meaning "END"), whichever applies.

Meps, plates, charts, etc., mey be filmed at different reduction ratios. Those too large to be entirely included in one exposure are filmed beginning in the upper left hand corner, left to right and top to bottom, as many frames as required. The following diagrams illustrate the method: L'exemplaire filmé fut reproduit grâce à la générosité de:

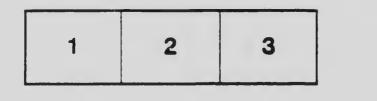
Archives publiques de l'Ontario Toronto

Les images suivantes ont été reproduites avec le plus grand soin, compte tenu de la condition et de la netteté de l'exemplaire filmé, et en conformité avec les conditions du contrat de filmage.

Les exemplaires originaux dont la couverture en papier est imprimée sont filmés en commençant par le premier plat et en terminant soit par la dernière page qui comporte une empreinte d'impression ou d'illustration, soit par le second plat, selon le cas. Tous les autres exemplaires originaux sont filmés en commençant par la première page qui comporte une empreinte d'impression ou d'illustration et en terminant par la dernière page qui comporte une telle empreinte.

Un des symboles suivants apparaîtra sur la derniére image de chaque microfiche, selon le cas: le symbole —> signifie "A SUIVRE", le symbole \forall signifie "FIN".

Les certes, planches, tebleaux, etc., peuvent être filmés à des taux de réduction différents. Lorsque le document est trop grand pour être reproduit en un seul cliché. il est filmé à partir de l'angle supérieur gauche, de gauche à droite, et de haut en bas, en prenant le nombre d'images nécessaire. Les diagrammes suivants illustrent la méthode.

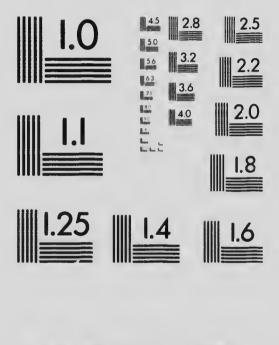


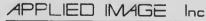


1	2	3
4	5	6

MICROCOPY RESOLUTION TEST CHART

(ANSI and ISO TEST CHART No. 2)





1653 East Main Street Rachester, Ne rork 14609 USA (716) 482 - 0300 - Phone (716) 488 - 5989 - Fax

26 SIDE LIGHTS ON PORK PACKING ESTABLISHMENTS

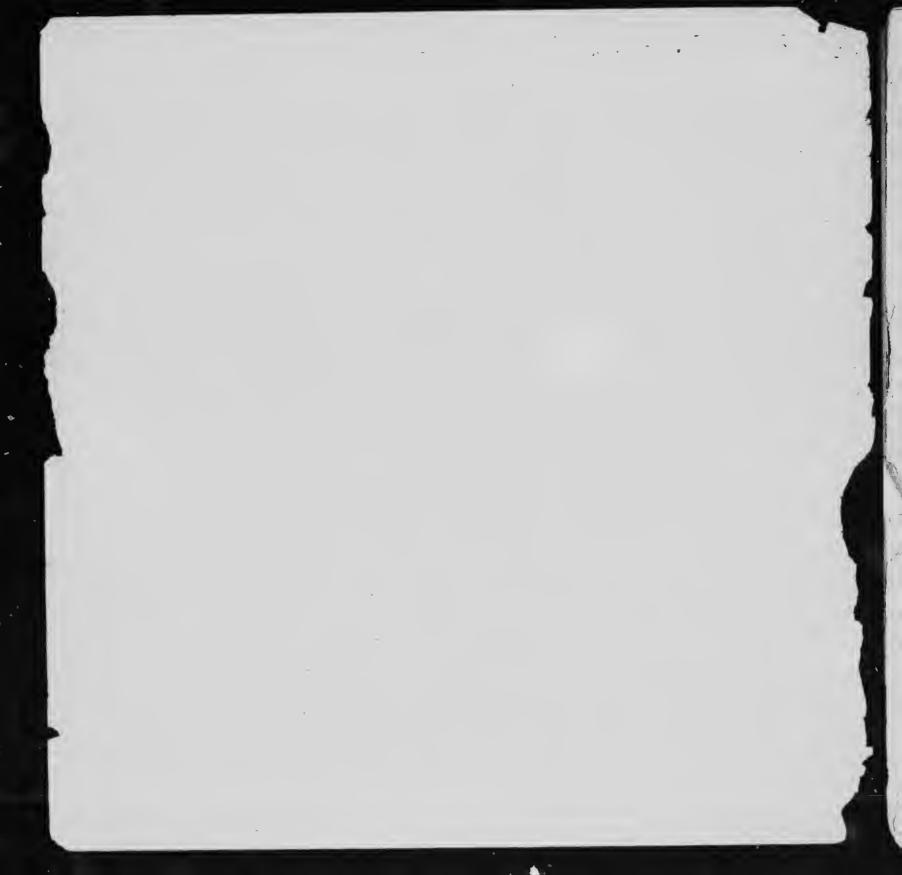
X

뒣

HIVES.

1911

FARMERS READ CAREFULLY



SIDE LIGHTS on PORK PACKING ESTABLISHMENTS



HE majority of farmers in Canada raise hogs to sell. Is there a farmer in Canada who, when talking with a representative of a pork packing establishment, ever heard this representative remark that his particular establishment had made any money?

These representatives usually say that they have an immense amount of capital invested and that they have the best working plants in existence, but the tremendously high prices of hogs and the small supply make it impossible for them to make any money, or pay any dividends.

Of course, it is absolutely impossible for the Canadian farmer to have access to the books of these pork packing establishments and ascertain, beyond the question of a doubt, that they are actually not making any profits. These establishments have expert book-keepers who keep their books, as any other business firm does, in a most private and confidential way. Consequently, the farmer is forced to accept, for the moment, the statement of the representative that no pork packing business is profitable.

It happened that in 1907, in view of the death of the senior member of the William Davies' Packing Company, an action-at-law necessitated bringing into the courts and making public the financial earnings of the William Davies' Company (pork packers, of which Mr. J. W. Flavelle, of Toronto, is President and General Manager). It is, impossible, to quote the whole proceedings of the court. The following, 'owever, which appeared in the Farmer's Advocate, published at London, Ont., in July, 1907, will give the pith of the evidence and proves conclusively that this particular pork packing establishment—and there is no reason to believe that other similar institutions are not equally successful—has, since its inception, been making enormous profits and paying big dividends.

When it is taken into consideration that, for the fourteen years quoted in this article, the lowest dividend paid was fifteen per cent. (15%) and the highest one hundred and twenty per cent. (120%) on the amount of capital invested, the farmers of Canada can fully realize that, while the price of pork has been exceedingly high for the last few years it has been none too high, from their point of view, and that the pork packers have made a handsome profit—larger than any investment on the farm that could possibly be realized.

The following is the article referred to :---

4

A SIDE LIGHT ON THE PACKING BUSINESS

"As a result of a friendly action-at-law, brought by the executors of the estate of Mrs. Wm. Davies against several interested parties, statements have been recorded showing that the value of stock (shares \$100 par value) in the provision business of the William Davies Co., Toronto, is placed at from \$300 to \$400 per share, and that during thirteen years r st the dividends on the stock have ranged from 15 per ce t. up to 120 per cent. per annum.

"In placing the value of the stock, information was provided the court to be effect that the stock was worth \$300 on January 12th #07, and that J. W. Flavelle had paid \$400 per share for lock during the paid tyear.

"A table was also placed in evidence, showing the dividends which the stoc has paid during the past thirteen years to be:

"For the year ending [arch 31, 1893, 65 per cent.; 1894, 34 per cent.; 1895 4 cent.; 1896, 45 per cent.; 1897, 100 per cent.; 1898, 1 cent.; 1899, 82 per cent.; 1900, 60 per cent.; 1901, $27\frac{1}{2}$ cent.; 1902, $27\frac{1}{2}$ per cent.; 1903, 15 per cent.; 1904, 30 per cent.; 1905, 41 per cent.; 1906, 25 per cent.

"On a capitalization of ξ 50 000 the would mean that in 1906 the company made a profit it \$187,500. The capitalization in 1898 was smaller, but, at the same cap-

E

italization, the profit would have been \$900,000. - Toronto World.

"This lets a bright beam of sunshine into the packing business. For many years it has been felt that the packers were making larger profits by the conversion of hog into bacon than their modesty would allow them to acknowledge, but proof was difficult, and the plaint of the packer invariably was 'no profit,' or 'losing money.' If there ever was a period when bulging profits expanded his brooding countenance into smiles, he hid his face discreetly and laid up the surplus against possible loss later on.

"To many of us it has been a Chinese puzzle how packers computed profit, but from the showing of the Wm. Davies Co. it would appear that they must in their book-keeping charge up every possible expense, allow a liberal margin for contingencies, ten per cent. for depreciation of plant and probably twenty per cent. for dividends. If after all these charges were deducted nothing were left, the wail would go out ' no profit in the business.' Meantime out of their margin for contingencies, their ten per cent. for depreciation of plant, and twenty per cent. or so set aside for dividends, they have been clearing a rate of interest on their investment which makes the business of raising hogs look like thirteen cents. Of course, we do not know that the packers compute their profits on the basis outlined above, but the figures quoted

6

lend color to the speculation that some such system is followed.

"And what of it all? Is the William Davies' Company worse than the rest? We have no reason to think so. On the contrary, we doubt whether there is a more honorable, enterprising or wortny packing company in Canada. Well, then, are they all a pack of thieves? Not by any means. Business is business. They all buy hogs as cheaply and tell pork as high as possible. The same principle is followed almost universally in modern business. If the Davies have been more successful than their rivals it has been due to greater scope and better management. And, at the worst, none of the packers are taxing the public so heavily as some other middlemen.

"The healthy condition of the business is, bewever, calculated to relieve any fears that muy have been entertained as to the fate of the packers in 1905 when deprived of their supply of American hogs. It is also liable to supply some men thinking on certain economic problems concerning the production and distribution of wealth."

Now how would the Canadian farmer like to prosper in like proportion? It speaks well for the way Mr. J. W. Flavelle, the President and General Manager of the above mentioned company, conducts his business, but is it fair to say that he is dealing out fair treatment to the farmers of Canada in cutting the price of hogs down to the last cent. The same Mr. Flavelle is one of the men of the city of Toronto who is trying to persuade the farmers of Canada to turn a deaf ear to the Reciprocity Agreement which Sir Wilfrid Laurier and the Liberal Government have been successful in arranging.

Only a short time ago, on Feb. 4th, 1911, Mr. Flavelle, in the Toronto News (a paper which on several occasions has produced articles which coincided very closely with Mr. Flavelle's expressed opinions), published a very sympathetic but non-argumentative letter giving reasons why this agreement should not be passed. He forgot for the moment and admitted that Canada was at the present time enjoying unprecedented prosperity, although he would not add that it was largely due to the wise policy of the Liberal Government in opening up new markets. His letter in part was as follows :

PATRIOTISM OF THE PEOPLE

"I have too high an opinion of the intelligence and the patriotism of the farmers and the fisherman of both East and West to believe that they would seek to force a policy upon this country fraught with such danger if the matter were fairly placed before them. It is not only the good fortune of the farmers but the good fortune of every activity in the Dominion that abundant prosperity has come

to them during recent years. No single class in the country are to-day as prosperous as this class. I do not believe that for the purpose of securing temporary material advantage or even longer material advantage they would desire a disruption of our general business conditions, a disturbance of the activities of our cities, a lessening of the earning power of our trunk lines of railway, or the possibility of our political disunion. Moreover it is well that the farming community in whose interest this measure is pressed, should ask whether permanent material prosperity is not more likely to be secured through a steadily enlarged home market, with the surplus exported to Great Britain, than by this form of connection with the United States, which after a few years will be disturbed by tariff enactments, and the whole producing community thrown into confusion by reason of the changes incident to the closing of the markets of the United States against their products."

That reads very well, but is there a farmer in Canada who cannot see that Mr. Flavelle does not want competition in hog buying from our American friends. In reply to his argument just let him read one paragraph of the agreement itself, which is "that the Canadian Government does not attempt to bind for the future the action of the United States Congress or the Parliament of Canada, but that each of these authorities shall be absolutely free to make such change of tariff policy or of any other matter covered by the present arrangement that may be deemed expedient.

In this article Mr. Flavelle goes on to point out how, if this agreement were passed, that it would interfere with the destiny of Canada, that it would impede our progress, and that "we have as much prosperity as is good for us" at the present time.

It is a good thing to be satisfied, but let us see that even in this tide of prosperity if Mr. Flavelle is satisfied. We find that notwithstanding all these handsome dividends, that notwithstanding the motto of the Anti-Reciprocity people "Let well enough alone," that Mr. Flavelle himself, during the month of Junc, 1911, right in the face of all this Anti-Reciprocity talk and the probable fact that the agreement would pass, issued a prospectus proposing to increase the capital stock of the William Davies Company, Limited. Their present issue of common stock is \$1,500,000, from which they have had an average annual net earning for the last five years of \$260,387 or, in all, for five years \$1,341,937.

Now ask Mr. Flavelle, who has had enough prosperity, if he is not satisfied with his prosperity for the last five years, why should the farmers be asked to accept his unasked for advice and not avail themselves of a market for their dairy products in a country containing nearly a hundred million people. But Mr. Flavelle knows perfectly well that he is wrong, for in the very prospectus pointing out the advantages of his Company, he states "there is every reason to expect a **continued satisfactory margin of profit** over and above the interest and sinking fund requirements of this bond issue. It is reasonable to assume that the experience of **past years will be repeated**, and that, if an occasional year results in no profits in some important branch of the business, compensation will be found in the larger profits of other departments. The home and foreign markets for the Company's products are being constantly improved and broadened."

That is not all. The Ingersoll Packing Company, of Ingersoll, Ont., undertook in an open letter sent to the press, dated the 12th April, 1911, to show that the comparative prices of hogs in Canada and the United States showed conclusively that the Canadian price was higher than the American price. The following is a copy of this open letter, together with an answer to it :--

THE PRICE OF HOGS

Ingersoll, April 12th, 1911.

To the Editor of the "Chronicle," Dear Sir,—

As there has been a great deal cf controversy, both in the press and on the public platform, as to the prices paid for live hogs, both in the United States and Canada, we beg to submit the following statement :--- Memo showing the total receipts and prices of heips at Chicago market and the price paid by Boyd, Lunham & Co., Chicago, and the price paid by the Ingersoll Packing Co., Ltd., Ingersoll, from 1901 to 1910.

Year	Chicago Total Receipts	Average	B. L. & Co. Average Frice Delivered at Chicago	Average	Ingersoll Price above Chicago	Chicago Price above Ingersoll
1901	8,290,494	\$5.85	\$5.71	\$6.70	\$.85	
1902	7,895,238	6.85	$6.76\frac{1}{2}$	6.68		\$.17
1903	7,325,923	6.00	5.88	6.07	.07	
1904	7,238,746	5.15	5.04	5.32	.17	
1905	7,725,738	5.25	5.18	6.41	1.16	• • • •
1906	7,275,063	6.25	6.23	7.17	.92	
1907	7,201,061	6.10	$6.09\frac{1}{2}$	6.85	.75	
1908	8,131,465	5.70	5.361	-36.87	1.17	
1909	6,619,018	7.35	7.53 1	-58.04	.69	
1910	5,586,858	8.90	$8.59\frac{3}{4}$	9.11	.21	• • • •

You will note the only year that Chicago was above the average on the prices paid by Ingersoll was in 1902, when Chicago was 17c per 100 lbs. more, but you will also note the great difference in some of the years, especially since 1905, when Ingersoll price has been considerably higher, and the statement made by the Ingersoll Packing Co., Ltd., is absolutely correct as taken from their pooks, and open to inspection by any Government officer for verification.

The above figures speak for themselves.

Yours truly.

THE INGERSOLL PACKING COMPANY, LIMITED,

C. C. L. WILSON, Managing Director.

AN ANSWER TO THE ABOVE LETTER

Referring to the attached newspaper clipping from the I ersoll "Chronicle," which contains a letter from the Ingersoll Packing Company, showing the total yearly receipts and average prices of live hogs at Chicago for the years 1901 to 1910, and the average prices paid by the Ingersoll Packing Company in these years, it is found that the Chicago figure is the average price for the year for a number of grades sold on the Chicago market, or, in other words, that it is the average price realized for the bulk of sales in each year.

Statements of weekly prices have been carefully gone over for live hogs at Chicago, Buffalo and Toronto for the year 1910, and the following is the average for these markets: Average Price of Prime Bacon Hogs for the Year 1910 Chicago—" Selected Bacons"....\$9.11 per 100 lbs. Buffalo—" Yorkers" 9.43 " " " Toronto—" Selected off cars "... 8.83 " " "

Please note that these prices are for prime bacon hogs which are used entirely for our excellent Canadian bacon. It is a well-known fact that when hogs not of prime bacon quality reach the markets, they are sorted out and the owner is compelled to accept any price the packer sees fit to offer him. It is, therefore, quite unfair, when making up comparative prices to give quotations on hogs other than those of prime bacon quality.



14



