New Welland Ship Canal

'A Strategic Link in the Greater St. Lawrence Water-ways Which Will Provide Ship Navigation Beween Lakes Erie and Ontario

One of the most important of the inland waterways in Canada is the Welland Canal. It is one of the principal links in the great St. Lawrence waterways connecting the Atlantic Ocean with the Great Lakes. The Welland Canal connects Lake

Erie with Lake Ontario, crossing the Niagara Peninsula about ten miles west of Niagara Falls. It overcomes a difference in level of 3261/2 feet. original canal, opened in 1829, extend-ed from Port Dalhousie on Lake Ontario to the town of Port Robinson where a connection was made with the Welland River. The course was down this river to its junction with the Niagara River and thence to Lake Erie. This was not found satisfacfactory, so between the years 1831 and 1833 the canal was extended along route from Port Robinson to Port The present canal, Colborne. miles in length, was completed in 1887.

Several years ago it was found the canal was entirely inadequate for use care how long it continues. by the modern steamships used on the Great Lakes. As is generally known an important part of the business on the Great Lakes is that-of grain carrying, and the constantly in-creasing output of the grain fields of Western Canada has resulted in the the ship canal having locks of 80 feet width, as compared with 45 feet development of a particular type of "Upper Lake Vessel" built to carry immense cargoes of grain. These ves-the water line and 200 feet at the bottom. The immense locks are built to the canal proper is to be 310 feet at the bottom. The immense locks are built at the upper lake ports, while able to take 30 feet of water on the sills; easily to navigate Lakes Superior, the canal reaches are to have 25 feet Huron and Erie, are forced to dis-charge their cargoes at the foot of feet when the need arises.

Erie, either at Buffalo, N.Y., or

World's Largest Stock

harbor works are located. At Port the two churches as a united body. In order that there may be com- Weller, the Lake Ontario entrance, a plete protection to the canal and vesnew and artificial harbor has been sels in it, there is being built in addi-tion to the seven-lift locks, a guard lock near the southern, or Lake Erie end in the canal. The lock, known as half miles. The entrance is 400 feet No. 8, is 1.380 feet in length between wide and widens out to a bottom width inner gates. It is the longest lock of 800 feet in the harbor. The harbor

the inner gates. It is the longest lock of 800 feet in the harbor. The harbor member of the Royal Fam-in the world and is approached in size only by the two United States' locks, at Sault Ste. Marie, which are 1,350 feet leng. A very important feature of modern canal construction is the manufacture and erection of the ponderous steel gates. In the case of the Welland ship canal, as may be imagined even by the layman, the supplying and erec-tion of the gates is a matter of no small dimensions in itself. The ap-small dimensions in itself. The ap-small dimensions in itself. The ap-tare states a precedent. It will be the first occasion, however, at sault Ste. Marie, which are 1,350 feet leng. A very important feature of modern at sault ste. Marie, which are 1,350 for of the states freighters at sault ste. Marie, which are 1,350 drawing up to 25 feet will be enabled to proceed all the way down to the that there will have to be established that there will have to be established to for of the states for the sufficient strength to swing the bal-ance of the other two parties. An-to sufficient strength to swing the bal-ance of the other two parties. At the lasts are of the other two parties. At the last are ont to London after the union of the purpose of trans-shipping grain cargo the smaller of the saulter of no small dimensions in itself. The ap-tare to the sufficient strength to swing the bal-ance of the other two parties. At the last session the smalle of the striking point was, "Isong the sufficient strength to swing the bal-ance of the other two parties. At the last session that a member of the Royal Fam-that a member of the Royal Fam-that a member of the Royal Fam-that a member of the Royal House has attended in an official capacity since to London after the union of the purpose of trans-shipping grain cargo the smaller vessels navigating the St. HELD BY PEER small dimensions in itself. The ap-proximate weight f metal in each of the Canadian Federal Parliament lower gate is 454 tons, and the total the sum of \$1,500,000 was voted for estimated weight of metal in the lock the purpose of commencing the con- Scottish peerage, though when Ramthere is required no inconsiderable between Lake Ontario and Montreal.



Church Assembly

High Commissioner of

Scotland

CHOICE IS POPULAR

With Pleasure and Surprise

London .- The announcement that

HELD BY PEER.

Church leaders in all parts of Scot

an accomplished thing, will make even May 2.

gilities of monarchy are being distri- England.

morate his visit."

uted among the King's sons.

Hertzog and the Empire

Leo Maxse in the National Review

(London): We have never entertain

Empire or doubted his desire to break

that his Separatism was animated by

some perverted form of local patriot-

party politician of that debased type

But we had hitherto supposed

more memorable a memorable event. The Duke is already a freeman of the trip was the investing of Empero

city, and the corporation will con-sider what steps should be taken to commemorate his visit."

The appointment of the Duke also shows how the increasing responsi-of Prince Chichibu's recent visit to

General approval is given here to receptions have been arranged in Ja-the news that the links between the pan to keep the Duke and his party

The

While many loud complaints are voiced about the recent cold in Europe, enthusiasts such as these skaters on Wimbledon Common, London, don't

further interest. The useable length King's Son Heads with 255 feet in the present canal,

Terminal at Prescott, Ont.

Announcement is Received Port Colborne, Ont., because of the restricted dimensions of the Welland movable bridges of the most modern Canal. The Canadian Government in 1908 provided a million bushel eleva-populous area there are many high 1908 provided a million bushel eleva-tor at Port Colborne to facilitate the transhipment of grain from the upper to carry the particular kind and volthe Duke of York had been appointed Lord High Comi.issioned of the Genlakes vessels to canal sized vessels bound for Montreal, where it is shiperal Assembly of the Church of Scotand was received with pleasure and ped to Europe. This elevator accom- location. In all cases the needs of ped to Europe. This elevator accom-modation was soon found insufficient and twice since, in 1912-13 and again in 1923-24, additions were built, so that the Government has now a 3,000,-bushel modern concrete elevator the cancelity of which is encoder to an surprise throughout Scotland, where Free Church of Scotland. the capacity of which is already taxed to the limit. At both ends of the ship canal large

Is Off in Spring Duke of York Named Lord Suicides and Crimes of Passion are Numerous During April and May

Mental Balance

Cologne, Germany-That people are apt to be a little crazier in the spring than at other seasons is the conclusion

he year. 'There is a popular belief, world-liberal audience (his speech being also relayed to 14 other halls) his the year.

it is believed to indicate the King's approval of a union between the Church of Scotland and the United For some diseases, Dr. Hopmann finds, the statistics do not support presentation of two Liberals who have and roll walnuts in their hands, dilong-drawn-out negotiations between the two churches are drawing finds, the statistics do not support to a close, and final approval will be They do support it notably, however cent by-elections.

They do support it notably, however, given in May to the incorporation of The appointment of the Duke of York also puts an end to agitation to have the meetings of the General Asembly postponed until after the elec-

cumb in April or May. Those also are the months, Dr. Hop-Meanwhile, there appears to be ome doubt as to whether the appointmann points out, in which the police ognized probability of their being in king in 1644. departments report the highest num- sufficient strength to swing the balent of a member of the Royal Fam-

Prince Henry Off Since then the position has been on Trip to Japan generally held by a member of the

Garter

It was said that the sole purpose o

Numerous official ceremonies and

In accordance with custom, the in-signia is returned to Englard upon

the death of its recipient, but it is not known whether the badge which the

Manchus Lose Out in Modern China

Proud Race Bows to Inexorable Elimination of Drones

Peking.-The proud race of Man-chus, who ruled the Chinese Empire for more than two centuries, are a vanishing race, and are likely to disappear almost altogether within the next two or three decades, in the opinion of Dr. Jermyn Lynn, Chinese pro-fessor of law at Chaoyang University here, who has made a study of the

Manchus for years. The Manchus are like the famous Jewish colony in Honan province, Dr. Lynn believes, which managed to maintain a distinct existence for 400

maintain a distinct existence for 400 years, but eventually was overwhelm-ed, being absorbed by the Chinese. At present, Dr. Lynn estimates, the Manchus in Peping number about 350,000, a full third of the population. As long as their emperors ruled in the Forbidden City, they kept somewhat to themselves, living in separate parts of the city from the Chinese, and not intermarrying so often as they do new. In those days, Peking, like many cities in Europe and America, had 'ts "Chinese Quarter," even though it was the capit 1 of China. A SHELTERED RACE But since the Manchu emperor

But since the Manchu emperors abdicated in 1911, the plight of the Manchus has become steadily worse. They had become somt through cer-turies of easy and protected life, and were not fitted to meet the competition

of hardier Chinese. Dr. Lynn estimates that the largest single group of Manchus in Peping to-day earns a living by pulling rick-He Will Aid Labor shows, a very severe occupation. Many others are domestic servants, working for Chinese or foreigners. A large group is connected with the the-atre, of which the Manchu aristocracy Liberal Leader Scores Triwas so fond. But if the Manchus are treated

London .- Mr. Lloyd George had a of Dr. R. Hopmann, of the University of Cologne, who has collected statistics of the fluctuations of many kinds of human disease during the months of night, where he repeated to a crowded but if the Manchus are treated to a crowded out. When the Manchus conquered being China in 1644, and set up their wide in the temperate zone, Dr. Hop-mann reports, that spring is a season of special danger to health. This is wear without each to the temperate zone, became un arrogant race, treating the humble

mann reports, that spring is a season of special danger to health. This is why our grandparents swallowed such "spring cleaning" mixtures as sulphur and molasses and used so many "spring tonics" compounded of var-ious roots and seeds. For some diseases, Dr. Hopmann Gada the the total to the taxpayer. For some diseases, Dr. Hopmann State to the taxpayer. The Manchu bannermen, or soldiers, were also thrilled by his plea for a "words, "Let's take some risks for peace," being cheered even more ener-getically than the adroitly arranged

versions still common among the Manwon seats from the Government in rachus. The Manc'us are a very ancient

They do support it notably, however, for diseases of the nervous system. There is evidence, he concludes, that mental equilibruim is less stable in the spring than at other seasons. Persons apt to lose their mental bal-ance anyway are more likely to suc-to the fact even if the Liberals fail to the fact even and the comparison of the chinese emperor. They were to obtain a majority in the next Par-liament, there is now a generally rec-weakened, until their conquered Pe-

> Canada and the League Ottawa Journal Cons.): Canada joined the League of Nations as a separate entity. This, as a Norwegian jurist pointed out, is in the World Court statutes and in the Lea gue Covenant. More than that, Can-ada and Australia and the other Domake a vote tell against Socialism is make a to the Liberals." Just before Mr. the Albert Hall demonstration Mr. Lloyd George strolled into the House of Commons, where he was greeted But states like Greece cannot grasp that. To them the British Empire suggests an Empire with all that the term has implied and meant in the story of the past. It is that will prove difficul

there is required no inconsiderable between Lake Ontario and Montreal, amount of machinery to operate the It is proposed to have these terminals lock valves and valves in regulating ready, including dockage space and an land express pleasure at the appoint-weirs, the total estimated weight of adequate elevator, by the time the ment of the Duke, and the Lord Prometal in these items being 3,800 tons. Welland ship canal is completed, prob-League of Nations to Have New Home Agreement Signed at Ceneva The total estimated connected motor ably in the spring of 1930.

load for operating the canal and the Port Colborne elevator is 15,300 h.p.

With the very modern equipment be-ing installed for operating the locks, including the working of the valves opening and closing of the gates, etc. great facility of movement of vessels is expected. The time required to fill Agreement Signed at Geneva one of these immense locks is only eight minutes and the estimated time for a vessel to pass through the ship canal from end to end is eight hours.

To Be Completed Next Year

Concurrently with the increased Eric Drummond, on behalf of the grain production in Western Canada League of Nations Secretariat and and the development of the large up- M. Boissonnas on behalf of the City per lakes vessels came the demand of Geneva, signed an agreement for per lakes vessels came the demand for a still larger Welland Canal. In 1912 government surveys demon-strated that a shorter and better route could be had via Ten-Mile Creek flow-ing into Lake Ontario. It was then decided that the time had come to begin the construction of an enlarged twollead Canal.

at all times anxious to extend its Welland Canal.

In 1913 the construction of the ship canal was commenced, and with little gue of Nations. interruption has been proceeded with until the present time. It is expected itself on possessing an admirable site Hertzog's Ill-will towards the British

ship canal making the comparison of King James II.

for the new palace, the foundation stone of which will be laid next Septhe new canal will be completed sometime next year. The total cost is sti-mated at about \$115,000,000. The ship tember when the Assembly meets. The league will have ample scope canal is being built to modern standlibrary so generously endowed by John D. Rockefeller Jr. and to extend the however, that he is nothing but a ards under the most up-to-date methods and rigid supervision and will, buildings as occasion demands. when finished, be a monument to

Canadian engineering skill. To over come the 326½ feet differ-

ence in level of Lakes Erie and On-

tario the new canal will have seven locks of uniform lift, each 461/2 feet, whereas the present canal has 25 bany River, rising in Lake St Joseph sufficient common sense in the elector r locks of varying lift. The difference and flowing into James Bay, Ontario. ate to whom he is appealing to realize between the old and the new becomes was named by the Hudson's Bay Com- that to raise the cry of White versus

which will sacrifice every national inerest in order to pick up a few extra In Mexico parents are to be allowed votes. Happily such men are rarely good judges of public opinion, and it A recent report of the Geographic Board of Canada states that the Al- is permissible to hope that there is

or elsewhere.

lit up

to attend school with their children. Which is going to add to the complica-

tions of playing hookey. A shorthand expert says that Cana-

of Henry VIII.

George's illness.

very apparent when this comparison pany in 1683 after James, Buke of Black is to play the game of the dian talk much more rapidly than rule the world, and no better way Tillie is made, the other dimensions of the York and Albany (1633-1701), later, enemies of both, whether in Moscow they did twenty years ago. It may be will ever be found to glorify beauty Snake? added, they have more to talk about. than the stage .- Florenza Ziegfeld. I Tessie Turtle: Charming

which date back to near the time most for the benefit of the world in chemistry, medicine, physics, litera-

honor indeed.

The trip was planned for early this year but delayed because of King prizes, which constitute a very high

ing reference to the fact that he did not attend to defend his proposals when they were under debate. If Canada is go of the World Court and the League London .- The Duke of Gloucester left recently for Tokio where he will vost of Edinburgh, Sir Alexander left recently for Tokio where he will Stevenson, says: "It is one of the invest the Emperor of Japan with

Lloyd George

Again Declares

umph in Huge Meeting at the Albert Hall



THAT'S CERTAIN

Motherland and the various dominions will be graced in time by the appoint-trip will mark the third time to "What are you going to get along with your new Easter hat?" ment of members of the Royal House Order of the Garter has been awarded to an Emperor of Japan. On the "One grand big argument from the two previous occasions Prince Arthur of Connaught officiated. old man.'

Rudyard Kipling for literature, Sir

Beauty in the flesh will continue to

William Ramsay for chemistry, Lord

Rayleigh for physics are some dis-tinguished Englishmen who have

been awarded Nobel Prizes.

Nobel Prizes

then Canada cannot accept any pos-ition of inferiority or leave the decl-sion of matters vital to her to those. English or otherwise, who may not know the circumstances of her case. Immigration Chicoutimi Progres du Saguenay (Ind.): Our policy of immigration has not given the results which have

and be responsible for their decrees,

been expected of it. Exact statistics show that, for many years, we have been losing by emigration more hu-man capital than is brought to us by ships from Europe. And to this loss must be added the millions which have been spent in the enterprise.

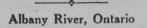
Toronto Growing

An expenditure of \$13,000,000 for the carrying out of plans designed to relieve traflc congestion in the city and to develop propsed beauitfication schemes has been recommended to the Toronto City Council by the Advisory What the Nobel Prizes are? Alfred City Planning Commission. Toron'o, Bernhard Nobel, a Swedish philan-the capital of the province of Ontario,

has grown rapidly in recent years. It Duke of Gloucester carries to Tokio is the same as that worn by the pre-1896 set aside by his will a sum of the same as that worn by the present Emperor's father. No record is money to provide five prizes every is the second largest city in Canada.



THEY'RE LIKE THAT Tillie Turtle: How do you find Mr



by Sir Eric Drummond

and Swiss Gov-

ment

Geneva .- On Friday afternoon Sir

