Just as Canada, is a land of farm the United States, though, in justice, owners, where the tenant farmer is the great disparity in population must practically unknown, so is the Do- be considered. London, Ontario, leads minion a country where city dwellers the Dominion with 80 per cent. of its very largely own the property they population owning their own homes. reside upon. If prosperity is to any Hamilton and Calgary have 60 per extent to be gauged from the extent of cent of their people living in homes home possession, which is usually the they own. The city of Toronto has a prime aim of human acquisition, then fine record for the second most popu-Canada is a land of prosperous and lous city of the Dominion—it has 55 civic urban population. A comparison per cent. of its people living in homes: between Canada and the United States, owned by them. Fifty-one per cent, of for instance, shows the Dominton to the people of Halifax are home owners. be in at least as desirable a situation Vancouver the fourth Canadian city in the matter of individual home own- in population, is another fine example easing as the richer, and greater re- of home ownership with 46 per cent. of

Statistics carefully compiled in the falls slightly behind with 45 per cent., United States reveal the fact that 45.6 and Winnipeg, Canada's third city, My garden is a very wondrous place per cent. of the people of that country just after this with 44 per cent. Otown their own homes and that 54.4 per tawa has 40 per cent. of its population cent, live in rented quarters. The owning their own homes, and Montsame statistics are not available for real, the first city of the Dominion, has anada, but for the purposes of a rude a scant 5 per cent., pulling the average comparison figures have been secured of the ten cities down to 35 per cent. on the ten most populous cities of the when it might have been more than Dominion, and it is found that 35 per 50 per cent.

1922 IS A BUILDING

THIS BASIC INDUSTRY.

unequalled in any year since 1914.

are summarized as follows: -69 apartments, 95 churches, 124 factories, 195 The Marigolds when touched by dewpublic garages, 23 hospitals, 54 hotels, YEAR IN CANADA 103 office buildings, 46 public buildings, 10,725 residences, 243 schools, 823 stores, 24 theatres, 88 warehouses, 79 bridges, 19 dams and wharves, 103 The DISTINCT REVIVAL IN sewers and water mains, 161 roads and streets and 138 general engineer-

its people home owning. Edmontor

Taking only Canada's larger centres

sess a greater proportion of home own-

ers than the corresponding centres of

Activity in General. The resumption of building in Cana-Return to a Normal Amount do is not confined to certain sections

of Construction is Indicative but is general, and exceptional construction activity is evidenced in all of Prosperous Times Ahead. cities from coast to coast. According Since the beginning of the year, to the reports received from 56 Cana-Canada has experienced a distinct redian cities there is a building increase Build for the world is sick of tearing vival in the building industry after a of over 30 per cent. in comparison virtual stagnation which existed with 1921. Quebec Province reports throughout the war years and into and increase of more than fifty per Smile, it is more constructive than to the post-war era. Prices of building cent,; and Saskatchewan shows an inmaterials as well as the high cost of crease of more than 300 per cent. labor seriously curtailed construction | Montreal and Toronto, particularly the of all kinds, and confined it to such as latter, have exceeded by a wide marwas absolutely necessary. With the gin the value in permits for the same establishment of a new level in the time last year, In Winnipeg the perprice of material and the readjust mits for the first six months of 1922 ment of the cost of labor a decided show an increase of practically \$1,impetus was given to the building in- 000,0000 over the coresponding period

dustry from the opening of the build- in 1921. In Calgary, for the same ing season. There has been unsur space of time, the million dollar mark passed activity, and the figures for the was passed. Improvements are noted first six months idicate the accomp. in Regina, Moose Jaw, Brandon, Lethment of a volume of construction bridge, Edmonton, and other western centres, as well as Halifax, Moncton, For the first six months of the year Sherbrooke, Westmount, Fort Wil-1922, building permits in Canada had liam, Kitchener, Oshawa, Peterboro, an aggregate value of \$132,452,000 as and other cities of the East. In concompared with \$111,763,500 in the first struction already accomplished this half of 1921, \$144, 47;100 in 1920 and year, the leading cities in order are \$78,118,300 in 1919. In 1922 the Pro- Toronto, Montreal, Winnipeg, Hamil-

vince of Ontario accounted for \$74. ton, Windsor, Ottawa, Vancouver, Que-585,900 of the total permit value; Que- bec, London, Saskatoon, Port Arthur. bec \$31,294.200; the Maritime Pro- and Calgary. The resumption of building in .Cavinces \$5,521 700; and the Western nada on a substantial scale, more so quiet. provinces \$21,049,200. Of the total, the sum of \$53,435,300 is accounted than perhaps any other factor, may be taken as an indication of the refor by residential building; \$39,660,turn of brighter and more settled a 900 by business construction: \$10,-

50,700 in industrial erections; and times and a further emerging from restive, too." \$29.305,100 ln engineering construction, post-war depression, for building in the Dominion is so indicative of progress and expansion that it has come Compared with the year 1921, the accurate manner, the trend of econootal value of permits throughout Ca- mic affairs; it estimates the status of been nida shows an increase of \$20,688,500 business and reflects the prosperity if ver the value of the same period. In of other industries. In a resumption dertaken has practically doubled, and trend in the price of all materials used brag about it." Toronto has led all Canadian cities in in building, and a decline in the cost the building undertaken so far this of labor to a level closer approximatyear. The even distribution of the ing the pre-war level. More building kinds of building undertaken is clearly is indicative of hope and of faith in illustrated in the figures for June, the immediate future. No other dis-1922, the value of permits, \$35,620,400. turbance of the years following the being the second largest monthly war caused such inconvenience and figure since May, 1914. Of the total, unheaval as the cessation of building, residential building accounted for 36.4 and, in view of all it portends, nothper cent.; usingss. 29.1 per cent.; ing is so gratifying as the return to a industrial, 13.8 per cent; and public normal amount of construction. works and utilities, 20.7 per cent. The

amount of contemplated new work The habit of looking at everything throughout the Dominion at the end from the bright, hopeful, expectant, side, instead of from the doubt side, The buildings undertaken during the the uncertainty side, will improve first six months, from coast to coast, your entire outlook on life.

THE DIVING MAYORESS The Mayoress of Lewisham, England, Miss Kathleen Dodd, taking a high dive, ber novel method open the borough's new swimming bath.

Heralds.

Especially in the early morning hours: When fairy dreams the river still em-

brace, 'Tis then I hold communion with the flowers

With joy I watch the spiders weave a For dainty bridal roses; I behold

drops pale, Seem all the more like heaps of yellow geld. daisies spread their linens soft

and white, golden tray placed in the middle, A zephyr comes with satin footsteps

light. The bluebells chime for breakfast-I must go.

-Aileen Ward. Build.

down:

smiling, one can do the work of

Teeth shut, eyes open with a forward look .-

eweat .-oclasm shut within the book .-An edifice must rise, the bravest yet.

It matters little what may be your goal,-house, a coop, a kennel, or a trade. The state, an institution or a soul,-

For building, not for wrecking, swing your blade. -John Girdler.

Where It Might Have Helped. Don't talk to me about colleges! had a college education?"

any more successful than I am

Stories of Famous People

An amusing story at Mr. Winston

himself! After that there was no fur-

Meat Salesman Claims a Throne.

The throne of Monaco is now claim

ed by a meat salesman. He is Mr

George Frederick Grimaldi, of Smith-

field Market, in London, whose real title is the Marquis Grimaldi. He has

gone to Monte Carlo, which is practi-

poor cabinet-maker in London.

Concentration.

Mr. Edison said he early resolved to

Measures Tea.

living inventor.

The Queen's Memory.

Many stories are told of Mr. Herert Smith, the new President of the Miners' Federation, but perhaps the other day. best is that about his first presentaion to Queen Mary.

Forage Committee received a letter signed "Winston Churchill," asking was the signed "Winston Churchill," asking

ueen's first remark. "I don't think so," replied Mr. Smith. mandeering his bay. In reply it was "Oh, yes, I have," Her Majesty in- pointed out that the hay was taken sisted. "You were the big man in the under an order signed by the Minister little brown jersey who went down for War-at that time Mr. Churchill

he. Cadeby mine.' It transpired that the Queen, who ther correspondence on the subject. visited the Cadeby pit immediately afer the disastrous explosion in 1912, had noticed Mr. Smith going down with a rescue party. It had quite slipped his memory, but the Queen had not forgotten.

Over-Married!

ier old Negro nurse, Aunt Betty, Monaco, to establish his right to sit exist there. cent visit to America. She was show: ruler, Prince Albert, was not the legal Phames, with its wonderful lawns and this. gardens. Aunt Betty looked at the The Grimaldi family has a history studying Alaskan insects. hotographs, looked at Lord Astor, stretching back for hundreds of years, and then at Lady Astor.

Tall I's got to say is dat yo' suttingly Duke of Spain, while another was did overmarry yo'self."

A Little Wisdom.

To delay is not always dangerous. That which is always your own is

A million dollars' reward will never bring back lost time.

wholly upon it until I see it through. A minute's carelessness can undo a bole day's work; concentrate upon electricity in all. its Those who carry scandal are worse

Never limit your mental exercise to It's as hard to live up to a good re- er inventors do, he would not now

Never judge anyone to be so thick skinned that they would not feel a riendly pat on the back.

His Motto. A smart boy of fifteen entered the

"Same as yours," the boy replied. He got the job.

Withdrawing a slide in the bottom ple have no national anthem, accordof a new metal container allows a tea- ing to an official announcement of the

spoonful of tea to drop into a teapot. Berlin Government.

These men can trace back their descent for five hundred years, and always the families have been engaged in the same industry. don, and though there are not two where a large proportion of the

England's Oldest Industry. Hidden away in Suffolk there is a

little colony of men who gain their

livelihood in the same primitive way

as their forefathers of two thousand

years ago.

dozen men engaged in the industry to- would's soaps are made. day, there was a time when Brandon was known to the world for the quali- great "nan rooms," where there are ty of its flint tools and weapons.

made in the small town, and owing to soda and potash-are boiled for hours however, tinder boxes were the only riveted logether. . things for which flints were used, until

the ring of the stone when hit, which to bars way it will split, break it into sections. would not chip the flints.

Churchill's expense reached me the On one occasion during the war the flakes are of use for ignition purposes, nails on the lids. what the committee meant by compurposes for churches and other build- time by machine.

No Flies in Alaska.

Everybody knows that mosquitoes are a frightful post in Alaska; but it Here is a story of Lady Astor and cally the whole of the tiny state of is news to learn that housefles do not

whom she met again during her re- on the throne. He states that the late This interesting fact was definitely ascortained by Dr. J. M. Aldrich, of ng Aunt Betty some pictures of heir, and the College of Heralds, which the United States National Museum, in Cliveden, her beautiful home on the has examined his claim agrees with the course of a recent expedition which he made for the purpose of

He found two entirely new species and has had many ups and downs. One of mosquitoes. Horse flies were abun-"Well; Miss Nancy," she said at last, member of it, for instance, was a dant everywhere. But there were no houseflies. In vain did he explore grocery stores, restaurants, cannerles, garbage dumps and other likely places

for them. When Lord Northeline was in this origin a tropical insect. It cannot enfor a few shillings a week. They is the country and was asked the secret of dure cold weather. In temperate lati- everything they need in the way of whatever I take up and keep my mind a fresh crop in the following spring,

Chinese Breadfruit. various phases, and he said it had the pamelo, is a citrus fruit that may gether there are 550 acres of Pert Sanyielded him marvelous results. If he be described as a cross between the lighthad split up his attention on a great orange and the grapefruit, combining city many different things as many smallthe good points of both. It is regard ed by many as the finest fruit grown

> Germany Has No Anthem. At the present time the German poo

Lighting the Earth at Night

of the Institution of Electrical Engin- mous scale in the United States, but, torio than any private agency, it vat eers is a reminder of how rapidly his it did not spread in Britain. Recent tehoners are usually special to the tory has been made in connection with ly, however, a joint meeting of the In- keyboard or of a fingerhour in They the science practised by its members, stitution of Electrical Engineers and count, yes, but not in the induce of says an English writer. It is little more than fifty years

since that telegraphy was the chief! applied. The "electric telegraph" was then comparatively new on railways, though the first installation, which was from Paddington to West Dray ton, was made in 1838-9.

When John . Tawell' killed Sarah Hart at Salt Hill, near Windsor, in 1845, a message announcing his flight was flashed along the line to Paddington, and the arrest which followed was the first to be brought about by telegraphy.

Soon afterwards the incandescent lamp made its appearance. In August, 1878, it was installed in the Galety Theatre, where it made a great sensa tion. A well-known expert declared that it was not suitable for street strange as it seems now, was borne out by the failure of the new system at Billingsgate, where it was abandon-

Nevertheless, the new light soon be-er of the deaf and dumb.

The recent celebration of the jubilee subsequently practised on an ener-chestris, for the opera and the critical the Institution of Heating and Venti- numbers. The public school music lating Engineers was held to consider leachers are developing muwhether waste heat from modern zens land lovers of mestical and the purpose to which electricity could be power stations could not be similarly towers of strength in the life of the turned to account.

Electrical engineering subsequently terest in music counts. made enormous strides, as is evi- Recently a vocal teacher of eledenced by the great increase in the singing in the publis sensels soil membehsip of the Institution of Elec . "Youth is the period for laying a good trical Engineers. Ten years after its foundation for the arcusing of you had foundation there were only one thous-instincts, for the unfalling of talent and names on its books, but now it and making preparation to be at

scientific education.

David Hughes, the inventor of the study if they so desire !." microphone, was a musician: Edison lighting in London-an opinion which, whom we are indebted for the tele. spirit, and the flashes of inspirational and Alexander Graham Bell, the in- private teaching. ventor of the telephone, was a teach-

gan to gain ground. In 1883 a great Hughes's success in the domain of stimulus was given by the use of the applied electricity was particularly re- what would you do if you learned that system for lighting the railway from markable, because, judging from some Westbourne Park to Paddington. A memoranda he left, he nearly anticipopular novelty in many towns about pated Marconi. In 1879 he made some the same time was skating by the arc experiments in wireless telegraphy, and actually received signals over con-Soon after 1887 there was a further siderable distances. Unfortunately development, and one which was dest for the world, however, he was subtined to have a great effect, though jected to such plentiful douches of

Electricity Works the exhaust steam abandoned his experiments in disgust. silver, 76 prospectors' licenses being from the engines was used to heat If he had kept on we might have had water, which was supplied to one hun- wireless telegraphy about sixteen pcd, trenched and sampled by engindred houses and flats in the neighbor: years sooner, and his name might hood. This utilization of "waste" was have been blazoned all over the earth

WASHING THE WORLD!

There are few factories so wonderful as Port Sunlight, on the banks of They are the fint knappers of Bran, the Mersey, not far from Liverpool,

The visitor is first taken into the scores of enormous tanks, each cap-In the beginning flint arrow heads able of holding sixty tone of soap. and axes, hammers and ploughs were Here the oils and alkalies caustic the fine quality of the flint found in by means of huge steam pipess Each the district Brandon was prosperous. of the pairs is fourteen feet deep and When metals began to replace stone, they are made of cast-iron plates,

From the pan rooms the soap, still the discovery of gunpowder and the in liquid state but partially cooled, is invention of cannon and shot guns re- run into the frame rooms, each of lleved the trade depression. which contains, 2,200 frames. The Any of the inhabitants of Brandon soap pours through wooden pipes inmay quarry for the flint so long as he to the grames, and when the exoling does not open more than two pits at process is completed these are una time. He must fill them in again screwed, leaving a solid block of fit-when exhaused. teen hundredweight of soap in each when the flint has been quarried it frame. These blocks are divided is handed over to the "knappers," or horizontally into slabs, which are gun flint makers, who, judging from again cut up by another machine in-

The pars are then placed in the The hardest blow against the grain stamping machines, which deliver stamped tablets to a conveyor an Next comes the flaking. The knap-endless belt, which runs down a long per holds the stone in his left hand table on either side of which girls and against his knoe, and tapping stand and sdize the tablets, wrap them away at an incredible speed he splits in special paper, and pack them into the flint into flakes about six inches cardboard packets. These are placed long and one fach wide. Not all the in boxes and an ingenious machine

the great majority being hard, and un- Then the visitor is taken into the til it was discovered that this waste wood-bux room, where the sides of material could be used for foundations the boxes are fed into a machine. for concrete there were thousands of which cuts slots in them. Another tons of bad flakes, the accumulation machine presses the sides into a frame of centuries, in Brandon's backyards. and automatically nails them. In the Another branch of the industry is case of boxes used for exporting soap, the shaping of flints for decorative iron bindings are put on at the same

During the course of a year 20,000 tons of timber are made into ten mil-

In another room toilet soap is made. the color and perfume being automatically placed in the tablets, which are cut and stamped by machinery. In the packing-room cardboard and

tin boxes are turned out of ingentous stuck on by another device.

Port Sunlight, with its four hage soaper es, can make, 4,000 tons a week, or two hundred times the amount of soap which could be produced at the company's original works thirty six

Besides this there is an engrances output of perfumes and other toilet

The fact is that the housefly is by plotures que houses, which they rent our future.

his success, he said he didn't attribute tudes a few houseflies manage to live amusement—playing fields, a theatre, over the winter in heated houses—a library, restaurants; and there are churches, and a hospital. schools There is also a first-rate band composed of workers.

The factory produces several news The Chinese breadfruit, otherwise papers in its printing works. Altocomplete, beautiful earled

> Influence of Public Schools in Music Appreciation.

There has been for a long time much | feeling among private perce teachers that the public school music teachers are superficially educated drill masters, not artist. This tarty however, is merely longe on the projudice The public schools are training more for musical appreciation, producing patrons for car, smy hory, or country as far as the with pro at an

has more than ten thousand members. Years A year or two of voice to ming.

A curious fact connected with com- like this would be of great value and paratively recent electrical inventions, lasting menefit to every senting the is that they were mostly made by men ing it. Those especially gifted would who had no training as electricians, not only have valueble preliment. Some of such benefactors, indeed, did training but having to tell their taken not have the advantage even of a ents, would feel no danh as to the set visability of pursu'ng further weed

Class singing instruction in the was a rallway newsboy, Hunnings, to school arcuses a healthy competitive phone transmitter now in common use, thought of the teacher benefits many was a Church of England clergyman; rather than a single individual, as in

Time to investigate.

Pretty 'Niece '(b'ushing) - Auntie. a young man was secretly inquiring about your ability as a cook?

Wise Aunt-"I should immediately make secret inquiries as to his ability to provice things to cook, my dear,

Kenora Gold.

The Kenora district of Ontario is benot in this country. At the Whitehall cold water by fellow-scientists that he ing actively prospected for gold and issued. Several claims are being stripcors retained by nearlers in Toronto PIRATES PETTICOA

One of the most the history of the Marine was the roved the sals. A pleturesque was Mary Read. men which shells it is

It was in [1719 in the full tie took toll of the her clew with them with her and neatly h ate who Part, !

When ast cation so "as to ban" hardship, to every cowar . ate and so inte courage won's Another W Hammend, 163 last century. privateers Richmond wa come an aux

threaten !

teer. upon a Carl out distinction. as occasion She met enemy ship selves upol Such an British, sl

enemy their se and .Lette tion was really a S position ?

appear d KAIL

"He, had ea pirates and This remain: of his old one ton. Jamie far from h There : the story of t Pd from V ... In 1721 P and at humores and Com

of the "() proposed: was no 1 drink . no was for the but it was "; to put him without me him deife to This was my managed to fit

that had hour

ultimately rate

cooded in getti

un absence of

Clever Control for Isplated. For use in page

houses where the is to be any much has been dea ... ed advantages, oys. of this engine filled with volume the same, are feet on a carrier The spivots and is con supplying gas [3] the bulbs is bi left transparent W. daylight, the blackers more light than the dra ture. This causes liqui the transparent bulb, ar reel, s on its pivote, thu · s supply valve.

If you can't take o 5...r a.

that is actually what the eulachan, or periods, a great deal depending on the candlefish, is, for the fats derived from weather—they are transferred to great it serve the Indians as an equivalent vats and beiled in hot water. The Infor the life-sustaining material which dian method of heating the water is Anglo-Saxons get out of butter, and to drop hot stones into the vats; and Italians and the people of the south of though this is a much more laborious

The Fish That Takes Cow's Place

precious fish, and is quite as mysteri- they have adopted the white man's ous in its way as the much-told-of sal- phonographs, drag saws, motorboats, mon. Like the latter, it comes yearly etc., still stick to this method. They from the unknown deeps of the Pacific claim that the grease produced in their and goes up fresh-water rivers along own way is superior in flavor and texthe Pacific coast. On the Columbia ture to that boiled in the white man's the run is in February; farther north, way. And this is true. A parallel may

of June was \$26,117,400.

March is the month when the In-; The Indians are on the lookout for dians on the British Columbia coast the beginning of the run and take milput up their butter for the entire year and it is gathered from a fish, which appears only once a year, for about great bins of cedar logs and left to three weeks' time. It sounds ridicu- soften. When the eulachan have softlous to tell of a butter-giving fish, but ened from a week to 10 cays or other way than bolling in modern keitles. The eulachan is the Indians' most many of the Indians to-day, though it lasts from two to three weeks in be cited in the old and modern ways of making maple syrup.



