

AWAKENING OF SCIENCE

What is "FRUIT-A-TIVES"?

**WHERE BRITAIN BEATS THE
WORLD.**

	1900.	1910.
Great Britain & colonies ..	12,149,000	18,059,000
German ..	2,160,000	3,959,000
American (U.S.) ..	879,000	1,642,000
French ..	1,000,000	1,480,000
Norwegian ..	765,000	1,422,000
Japanese ..	489,000	1,147,000
Italian ..	540,000	988,000
Dutch ..	467,000	983,000
Swedish ..	419,000	783,000
Hungarian ..	387,000	778,000
Spanish ..	642,000	747,000
Danish ..	412,000	672,000

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J. A. STURROCK & CO.

NORTH EDMONTON.

has begun. It is possible the C. N. R. line west from Stettler is designed as a link in a new main line, being continued east to tap the present main line somewhere in Saskatchewan and connecting with the Edmonton-Vancouver line in the mountains. The other two lines are being built apparently for the express purpose of hauling out coal from the Brazeau country. This, with the Government

reports on the extent and character of the deposits, and the activity of mining companies owning claims there, warrants the belief that before many years have passed the basin between the head waters of the Brazeeau and North Saskatchewan will be one of the largest coal producing areas on the continent.

Dr. Crippen's arrest was timely. He was a decidedly "undesirable" immigrant. The capture scores another triumph for wireless telegraphy. The credit for the detection of the disguised pair belongs to the sharp-eyed

skipper who spotted them shortly after midnight. But had it not been for the wireless telegraph aboard and the corresponding instruments ashore he would not have been able to report his suspicions to the police authorities of the Old Land, and to have them verified by details as to the appearance of the missing ship. The wireless telegraph has done much in such circumstances where it has been to turn them over to the authorities on arrival under suspicion. And the chances are that he would not even have done this, for people travelling incognito are not so unusual as they were. The skipper of a line that whorled down so far from the coast from justice. But with the aid of the wireless he was able to tell the British authorities of his suspicions.

and they, not only to give him a description of the pair, but to despatch an order by a faster boat who went ashore to fetch another Father Time, and identified them. The wheels of justice were thus enabled to run more smoothly and certainly than they could have done had the wireless not been in existence. The ability to intercept and decipher the wireless has made the world smaller for the fleeing criminal—and thus added another deterrent to crime.

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Entries for the fair, which opens August 22nd, continue to come in by the score and the prospect is that they will far exceed all previous records. Entries of stock are exceptionally large and in the cattle, horse, sheep and swine shows the fair promises something remarkable. The fact is no doubt due to the better

Accommodation assured exhibitors at the new grounds. There, about 200 men are putting the finishing touches on the stock buildings, putting up the grand stand and the race grounds in order. The cattle, sheep and swine buildings are practically finished. Three racing stables have been built, and ten stables for horses and ponies are under way. The show ring has commenced on the poultry and pet stock buildings. The show ring track has been graded and is being laid out daily with drag and roller. Already the grounds are looking very fair time should be about as nearly perfect as possible. The layout of the grounds is good. Separate entrances have been provided for pedestrians, horse and automobile traffic. Water will not be allowed on the main street leading to the grand stand. A driveway has been made around the entire grounds with cross roads at intervals. The clump of trees that have been set here and there in seats and bandstands placed in the shade of them. A pond in the middle

of the grounds is to be cleaned out and converted into a lake. Flower beds and lawns are being planted. The grounds are already bright with blossoms. With three weeks left before the fair opens the promise is that the grounds will be in excellent condition to receive the thousands who are expected to attend the exhibition.

The Provincial Department of Agriculture has issued a circular advising farmers to cut all the wild hay available, as feed is likely to be scarce during the coming winter, and the prices obtainable for conducting high. Even in this section of the country where the grain crops are good, the absence of early rainfall has resulted in the tame hay crop being less than usual. In those sections which have suffered from drought, the sufficiency of moisture the hay has suffered the fate of the grain. The prospect seems to be that hay will be worth much more money than usual during the feeding season commences. Fortunately, the Government stores, which is accountable for the shortage of the hay crop has left many stacks of dry which in other years

Total foreign 8,211,000 14,569,000

The striking fact is brought out by these figures that the total tonnage now sailing under the British flag amounts to nearly 3,500,000 tons more than the combined totals of the eleven other countries included in the table.

Neither Canadian nor United States vessels trading on the great lakes, in which a very large increase of tonnage has recently taken place, are included in the table. In the 1900 edition of the Register Book the tonnage of vessels trading on the great

The final table shows the number of iron and steel steamers of 2,000 tons and above now in existence, distinguishing whether built in the United Kingdom or abroad, and includes 422 vessels trading on the great lakes of North America. If, however, only sea-going vessels be taken into account it is found that of the total number now in existence over 80 per cent. has been built in the United Kingdom.

THE APE QUARTETTE.

Toronto Star—A terrible shock to humanity is the announcement of a German biologist that man is descended not from one particular breed of apes, but from four. Man, just nicely becoming reconciled to being a thoroughly-bred ape, finds to his horror that he is a mongrel ape instead. So, at least, says Dr. Melchers, whose division of the race by ape-doms is as follows:

The gorilla is the ancestor of the West Congo-Guinea-Soudan negro, of

the Banus and the Zulus; and also of the fair-haired and red-haired northern races, such as the Scandinavians, the Saxons, the North Germans, and the Finns.

From the chimpanzee descend the Bushmen; Lapps, Berbers, some Turanian races, Iberians and southern Europeans.

The South Germans, at least the

black-haired and short-headed ones, are brothers of the scarcely human Australians and Papuans, while all alike are children of the orang-outang. The Mongolians, Malays, Polynesians and Siberians trace their common ancestry to the gibbon.

What a comfort it must be to the degraded nigger to know that his fellow-poll is just an outbreak of the primitive ape. How proud the Germans should be that they are the white brothers of the degraded niggers of both continents. The gibbon, the orang-outang, the chimpanzee, the gorilla and the pig are all of the same family. It is the sympathy for the down-trodden negroes of the

Conceivably it is remembered that the
same breed of ape, perhaps from the
same individual ape. And what a silly
conjecture the whole thing represents.
Dr Melchers should not rest con-
tent with his simian genealogy. He
should also set down as a proof that
he is the descendant of the trans-
muting and the giving a common
ancestor in the primal æthereum, if
he will give his fancy full swing, and
determine how he is going to discover
before he dies, if he will find it
trace in the traces of his own
kind to wood-eater or a typhoid bacillus.
For the men with an ounce of
imagination, the public seems ever
ready with a pound of credulity.

NEW KIND OF "BIG BROTHER." The Montreal Star—"Why say they have been any longer in Nicaragua," asks one of the New York papers which has long been known for its militant and expansive imperialist. "Why, indeed? Because Estrada has been the very thing of the United States government, the financial assistance of American corporations who, for one reason or another, have been unable to make the revolution a success, and he volunteered assistance of American patriots who prefer fighting in the name of the United States. The outcome, seems unable to accomplish anything definite enough to regularize this fighting. The armies of Madriz are still holding all the territory. It must not be forgotten that Madriz is still the representative of law, order and society, the United States to the contrary notwithstanding."

Even though Estrada and his revolution are not able to accomplish

that is expected of them, why should this block Secretary Knox's plan of working out the destiny of the Nicaraguan people for them? The normalists have, to a certain extent, been complied with. The revolutionaries, aided and abetted by the Washington authorities, have marched and counter-marched around Bluefields, where there have been several skirmishes and two or three engagements that were almost battles, and there has been a vast amount of alarming reports cabled and carefully circulated in the United States as to what might happen to American citizens if the

nded by this section. He is gravely concerned that the American people have the assimilation of Niagara-Close at heart that the "civilized" d looks to the Big Brother of Monroe Doctrine to establish order and order in the world. It is possible that the civil- world, viewed from the Statue of rty in New York harbor, looks something of this kind on the main, but that the world, as it that, regarded from the ordinary er-of-fact standpoint, it would be to detect this universal emo- tion, but that the world, as it is, can be said to struggle to be free. There have been other and more sanguine revolutions in America without the "Big

are quite prepared to admit that they may be in the best interests of the world as well as to the immediate benefit of the United States that there be certain control exercised over the Panama canal now that the Isthmian canal is nearing completion. Nicaragua is turbulent, if no more so than other Central and South American countries. There is a

in the protection of the great
for the commerce of the world.
It is quite open to argument whether
the United States is not justified
in virtually assuming a protectorate
over the territory contiguous to the canal
even though it means the wiping
out of a self-governing republic. What
appears hardly worthy the dignity
of the people of the United States
is an attempt to reach this result be-
hind the kind of pretexts which are
being employed. "The civilized
world" will not follow the Big Brother
in the Monroe Doctrine." The
Secretary Knox—to do what he can
to fit himself, exactly as all the
Great Powers do, and calling
"Big Brother" to go along to
it any easier for Nicaragua.

IN LIGHTER VEIN.
Washington Star—F. H. Elliott, secretary of the American Automobile Association, was discussing at a dinner in New York the automobilist's known enthusiasm.

friend of mine," he said, "recently, the automobile ward of the city has been converted into a lunatic asylum. They have, you know, no automobiles in the city, and, therefore, no automobile wards now.

There was a large, airy room, and along the wall were arranged some two hundred cots, but of the inmates not a

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FRED REESE, Proprietor.

But where are the inmates?" my
d asked the physician.
The inmates?" was the reply.
they're all here. They're under
eds tinkering with the springs."

from home. —
Grandpa, he said, what's a movi
picture show?"
You are, grandpa his grandad, wh

endeavoring to break away from restraint and to climb over the lights into the orchestra. The widely-advertised act came to a sudden end and the professor emerged from behind the curtain and apologized for the actions of his pet.

about these words:—
 "And ladies and gentlemen,—I am
 sorry to disappoint you this eve-
 ning. We are compelled to cease or-
 ganisation until the management
 engages a new orchestra leader.
 The one at present employed
 has no 'air on top of his head, and
 the dinner. His wife, gorgeous
 clad, reigned over the table."
 During a lull in the conversation
 he watched a servant who was de-
 tiously removing crumbs from the
 cloth. Then he looked down the
 glistening table at his jewelled wife
 and remarked:—

ton Transcript—Fair arrival—why do they call this unpicturesque under a scrappy tree "Love-leap?"

My friends—Probably because you sit here five minutes without a dollar dropping down your neck.

ton Transcript—The Mercy's papa coming, and he told me next time he caught you here I'll kick you.

Q—What would you advise me to do?

A—Sit down.

Q—The negro Tribune—The small boy making his dog—

**MAKES CHA
AGAIN**

W. R. Trotter Calls S
a Commercial Orga
for Prot

W. R. Trotter, organ-
Trades and Labor C
address delivered to a
of the wage earners
the Mechanics' Hall
made a vigorous appe
trade organizations to
selves with the work
and to secure the re
the province at the fo
vention to be held in
on Sept. 12th.

The audience was less than forty persons, and they gave attention and a hearty welcome to Mr. Trotter, who, before his hearers in address an account of the aims of the congress, the affiliation of all the nations of the continent, and thus by united effort

The Canadian Manufacturers' Association and the Saskatchewan Manufacturers' Association were in temporary agreement on the part of Mr. Trotter on the twofold purpose of raising the tariff wall to flood the country with one qualification of

The Salvation Army by Mr. Trotter as "a corporation, adopting the of commercialism in money."

The ground of Mr. T upon the Salvation A work of the army ind grants to come to Cana gard to the condition market.

“Col. Lamb admitted Trotter, ‘at a meeting of the Immigration Commission in Halifax, at which I was present for the purpose of discussing these charges against the man, in which he represents, that he was out for margins and was making money by this work.’”

Mr. Trotter claimed that the Immigration and Labor Congress that was instrumental in securing the passage of legislation imposing restrictions on Chinese immigration.

"At the present time we are in regard to immigration," said Mr. Trotter. "The Immigration Society, which is forty-four societies existing at the present time, had in 1906 four thousand six thousand one hundred in 1908 they were only one hundred in consequence of restrictions on the statute. The Central Emigration

London came in for strong criticism from Mr. Trotter. He made an appeal from the board of the society for funds to carry out the organization in sending the emigrants to Canada.

"Now look at the cost of this board, which is supporting a charitable society," said Mr. Trotter, "and to read a list of the names which included the Duke of Devonshire."

and, Lord Brassey and other large property and commercial interests in this country. He made one of the local statements that the Duke of Devonshire had large interests in the West, Mr. Trotter said significantly: "There is a connection between cheap labour and profits."

"Land and loan companies are interested in running these societies and appeal for funds and to aid their good work. One of the greatest hoaxes ever got up in the name of anything else. They are more than hyenas, feeding on the poverty of the workers." Mr. Trotter then read the report of the Central Emigration statement that the

As an illustration of the new regulations Mr. [illegible] stated that the Salvation Army had received in the past for one month less than \$5,304 in [illegible] the Dominion government under the new regulations," [illegible] bonus is given for assistance and there were 300 assisted in this year for which the [illegible]

"Pamphlets are issued in water towns upon the said, 'that would lead to suspect that they are promoting development of the heaven. Every year par-

settlers come to the country, and are careful to leave before the winter sets in, and writing after the season, of their partial knowledge of country, and their responsibility for misstatements, which has its fruit in the return of the settlers, who return home, and their abuse of the country, and the settlers from coming.

"It is not necessary to travel to the Dominion of Canada, to find the finest countries on the continent."

Mr. Trotter closed with an appeal to the Edmonton organizations to interest the Free Trades and Labor Council, he said, had not sent a representative to the last convention. He hoped the province would make the effort to send at least one delegate at the next.

"An organization of 100,000 men representing labor organizations in the province," he said, "is not a negligible force."