IMPORTANCE OF PLANT LIFE IS DISCUSSED BEFORE CHURCH CLUB

A. Hope, Official Analyst of the Dominion Seed by continuous effort in breeding and which are more readily observed. A Laboratory at Sackville, Speaks Before the Club of Christchurch Cathedral

insect alights upon the leaf and Chinese war of 1839. touches one of these teeth, the two

imals. Climates and soils and the silk and plants for cotton.

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welfare was discussed on Tuesday been responsible also for wars, reving, you may discount stories appear. position of garden refuse and dead night in an address before the Men's olutions and migration of races. In ing from time to time as to wheat be- animals where, by breaking down the Club of Christchurch Cathedral by the early stages of development, ing grown from seed found in Egyp- material, it is returned to the soil as A. Hope, official analyst of the Dom- men travelled wide areas in search of tian tombs. Experiments have prov- food for production of other crops. If matter is not made clear in the de 1986. suit of game which were seeking inating qualities of the seed had long onies of bacteria usually appear on spatches. He may be interested profeeding grounds. Many of the migra- disappeared in every case. tions recorded in the Old Testament A Chinese emperor who lived 2000 Within these nodules, nitrogen from cerned about the scenic wonders of What is a plant? A simple defin- comprise the story of man's search years E.C. is supposed to have in the air circulating in the soil is the Horseshoe Falls, which are gradition is that it is something that lives for grass. As populations increased, vented the plow and to have sown changed into compounds used by the ually committing suicide, owing to and grows, which manufactures its people travelled from one area to and rice and other cereals. own food; but perhaps a better defind other and dispossessed tribes holding It is not known when most of our plants. Then, we have the fungus ition would be that a plant is a liv- lands superior to their own. A simil- useful plants developed to their pre- family which indirectly have been the ing, growing organism that either ar instance occurred in the late per- sent forms but the majority of the cause of migrations and the developmakes its own food or appears to be jod of the Roman Empire, thus chang- plant families were used by Assyri- ment of new countries. I only cite the related to plants which do make their ing the history of Europe. On this ans and Egyptians and they owed potato famine in Ireland last century United States to ratify the Niagara mining and industrial shares particularly that the Parliamentary delegation ing the history of Europe. On this ans and Egyptians and they owed potato famine in Ireland last century that the Parliamentary delegation in the history of Europe. On this ans and Egyptians and they owed potato famine in Ireland last century that the Parliamentary delegation in the history of Europe. own food. Plants need not be station- continent it may be recalled that one their existence to these plants. If the where blight in potatoes caused thouary as some of the lower forms have of the causes of the American Revoluman race had been compelled to sands of Irish people to emigrate to the Canadian Parliament approved in who were dissuaded by the taxes House. the power of locomotion in water. lution was the attempt of Britain to subsist on wild plant, however, the the United States. One curious fact Then, some plants are insectivorous. There should be stated with regard to some struction of remedial works in the home and at their source. There Examples are: Venus' Flytrap and the use as masts which the colonists re have been impossible. Sundew. In Venus' Flytrap the two garded as their property. Then, cothalves of the leaf blade have long ton was a factor in the American of medicinal plants. The Greeks found story the hand of thousands of compositions cooking casily market. stout teeth on the margin. When an Civil War and opium in the Anglo- medicinal plants. The Greeks found acts as host for the organism which glory for the benefit of thousands of corporations seeking easily market medicinal value in certain plants insect alights upon the leaf and chirace way of 1820.

halves fold together and the captured Plants are necessary as food for the Sundew, the leaves are covered not, he must derive his food from the with hairs at the tips of which is a plant world. He may eat meat or sticky substance and the insect eggs or drink milk but to get there, cattle and grain for his poultry. He The first plants to influence the requires plants also for medicinal human race were the grasses, as they purposes; trees to supply materials were the chief food of herbiferous an- for building, for paper and artificial

> claims of certain powers for colonies so that crops requiring a tropical climate can be grown to feed their

work for thousands of men in transportation services, mills, and labor. I lived on the Canadian NIAGARA of civilization depends to a large ex- the trees more than anything else. tent on plant production. With the Asiatic races, rice is the staple food

nundreds of millions of people.

which had a material effect on the later affects other crop plants. human system and this, in turn, was Then, I must also mention our garto be of curative value for renal dist production of economic and flowering plants is shown by the insistent heart disease. At the present time, our welfare. being found every day.

these demands or aspirations to war for his family, for game and also mais apparent at the present day. Plants terial for utensils. Trees are of real are essential in the economic life of value in regulating elimate and wata nation. In Canada the annual value er. They aid in maintaining springs of the wheat crop might be three and streams. They prevent dust hundred million dollars, most of which storms and erosion. They provide the city. Lot and his wife and daughis exported, and therefore is paid for sanctuary for birds and game and in ter got safely away." in goods which we do not produce. the aesthetic sense contribute largely The production of this crop provides to man's enjoyment of the wonders of flea,

We may say that the development prairies for some years and I missed

We may now proceed to the other and perhaps forms the chief diet of extreme and consider the lower forms of plant life. I refer to bacteria and It is certain that most of our use fungi. Although so minute, they are ful plants existed 2000 B.C., although beneficial to our welfare as plants selection they have been improved to common belief is that bacteria are point where they would hardly be harmful. So some are, but the majrecognized if compared with the orig. ority are indispensable to our welfare. They are necessary in the Seeds of wheat have been found in growing of crops, in producing flax, The importance of plant life to our plants associated with them have the tombs of the Pharaohs. In pass- in producing wines and in the disthe roots and nodules are formed. growing plant. Bacteria are true frequent rockslides.

eases and heart-shaped leaves for plants in gardens must contribute to

ar and rubber. The relationship of pons for war and the chase, shelter water from the soil-truly a wonder diversion of water from the Niagara ful process in nature.

> Teacher: "Lot was warned to take his wife and daughter and flee out of Falls all it has to do is to ratify the

Willie: "What happened to the

PRESERVATION

OTTAWA, Jan. 14-Ontario is inerested in the proposal of Alfred F. Better, United States Congressman from New York State, to submit a bill authorizing the establishment of an international board of six members to study and report upon the best means of preventing further erosion, and therefore preserving the beauty of Niagara Falls.

marily in power, or he may be con-

of the fungi which is, their inability Niagara River, which would reclothe should also be considerable encour-

But it also provided for an experilargely responsible for destroying dens. Where can you find a hobby mental diversion of 20,000 cubic feet insect is digested by the plant. In man, for whether he eats plants or superstitional practices and the em- so profitable and so health-giving as per second temporarily, in the win- ment comes into question. For some ployment of rational treatment based in growing your own vegetables and ter season, when honeymoons are not time past it has been generally recon observation. As late as the six- flowers? The very act of watching the so numerous, until such time as the ognized in this country that tax stateenth century and in some districts development of plants from seed is of Governments concerned could detercaught in this way is also digested by grass is required for his sheep and at the present day, traces of supersti- fascinating interest and also compels mine whether such a diversion of ment, particularly in the mining field. tious values attributed to certain one to be outdoors. Nor must the ec- water for hydro-electric purposes Provincial and Federal Governments plants exist, based partly on the ap- chomy of producing vegetables in our would destroy the grandeur of the have several times sought a mutual pearance of the plant. For instance, garden be overlooked when the initial Horseshoe Falls and the ice bridges. kidney-shaped leaves were supposed cost of the seed is so little. Truly, the Ontario was to get 10.000 cubic feet for the new rates specified in the per second of the water so diverted.

In conclusion, man could not exist Foreign Relations Committee of the may increase the 5 per cent. maxiin medicine and new derivations are if plant life disappeared. All plant life United States Senate, and it is reliminated of the mum at will, thus automatically re needs chlorophyl, the green color in ably reported that the Canadian Govpants. With this, plants are able to ernment has been approached to dispopulation and for export. I may Let us turn now to trees. In early manufacture organic food from the cover whether it would consent to the mention coffee, cocoa, paim oil, sug- times man obtained from trees wea- carbon dioxide of the air and the deletion of the clause relating to the River above the falls.

> So if the United States desires to preserve the scenic beauty of Niagara convention which the Canadian Parliament already has approved, thus making a thing of beauty a joy for honeymooners, if not forever.

ENCOURAGEMENT FOR INVESTORS

The new reciprocal income tax adjustments provided for in the Canadian-United States agreement signed in Washington this week give a welcome stimulant to private and corporation investment in both countries. to 15 per cent.) allowed non-resident given the complete correspondence The 50 per cent. reduction (from 10 private investors on security incomes by both Governments and similar treatment for "unrepresented" corthe special feature of being retroact- ed' the matter in Great Britain with-Just why Mr. Beiter is pressing the ive for investments made during either information or time in which

vestors, some idea of the sums in- ment is to be by the people at all, United States securities during 1935, ent correspondence. Mr. Blackmore From this distance it would seem and sold \$205,500,000 across the bor- expressed the hope that he would be that a short cut to his objective would der. Chief benefits should be for able to attend the Coronation of King be to persuade the Congress of the the small investors who have found George VI on May 12 next and he felt Falls Convention Agreement which larly attractive in the past year but should represent all parties in the able investments for their sinking funds and reserves.

Only one feature of the new agreebasis for such stability. Yet stability agreement has not been assured. Ac-The agreement was wrecked by the cording to the terms, either country leasing the other from the bargain. Had there been a renewable time limit decided upon, the agreement

> Old Gentleman (seeing the small colored boy was having some trouble in getting away with the large melon he was trying to eat): "Too much melon, isn't it, Rastus?"

> Small Colored Boy: "No, suh, boss,

SOCIAL CREDIT LEADER WANTS ABDICATION FACTS

OTTAWA, Jan 14-On the King Edward abdication crisis, Mr. Blackmore takes the strong position that the Canadian Parliament should be Premier Baldwin of the United Kingdom. Inclined to be critical of the way the Baldwin Government 'rushto make up their minds calmly about While it is impossible to do more what should be done, Mr. Blackmore than guess at the "savings" to the in- gave it as his opinion that if governvolved can be had from the fact that then the people's representatives at Canadians spent \$2031000,000 on Ottawa should be given all the pertin-

> W. H. Estabrooks, Saint John, is a visitor to the city, a guest of the

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