BUILT ITS REPUTATION

ON CLEANLINESS

ALWAYS HAS BEEN HIGH CLASS,

QUIET, COMFORTABLE, SPOTLESSLY

CLEAN AND MODERN IN EVERY

HAS ONE OF THE FINEST DINING ROOMS

IN CANADA; YOU WILL ENJOY THE

From Depot or Wharf

take De Luxe Taxi 25c

Rates Single \$1.50 to \$3.00 Double \$3.00 to \$5.00

E. R. POWELL, Prop.

HOTEL WAVERLEY

Spadina Avenue and College Street

+ Write for folder +

TASTY INEXPENSIVE FOOD.

Tests of Ontario Lignite Indicate Great Promise handling and is but little affected bonization oven to a sufficiently were evidently a desirable fuel at all comparable with the re-

Research Foundation Has Conducted Experiments for Two Years and Believes That Product Can Be Utilized, Both for Commercial and Domestic Purposes

(From The Financial Post)

Highlights of what has been accomplished in tests of Northern One test that responded par-Ontario's lignite, first exclusively ticularly well to the samples given in the May 14 issue of The shipped was the Fleissner prodence that in Northern Ontario's capable of containing 15 tons of lignite, Ontario has an important lignite. fuel source that now only awaits

Send 110 Tons for Test

given in the May 14 issue of The cess, controlled and licensed for shrinks to 1,100 pounds of dried Financial Post, are now supple-operation on a royalty basis. In lignite and in the process gives up mented by official information this process, the raw lignite from from the Ontario Research Foun- 11/2 to 6 inches in size and con- lons of water. dation. The official tests con- taining about 50 per cent moisducted in Europe, and the practi- ture is charged through the top cal demonstrations since with the of large cylindrical vessels. The and other steam generating and resultant products of the Research smaller commercial sizes of these under certain conditions it is b.t.u. per pound. Foundation, give increasing evi- vessels are about 700 cubic feet,

roduct Has 20% Moisture

development, beneficiation, mar- If a lower moisture is extract- mestic purposes. In an open to withstand transport and handketing and education of the pub- ed the product absorbs moisture grate demonstration it burned ling. One difficulty with these from the atmosphere, reaching a with a long pleasing flame and processes of briquetting is that It is two years since the Ontario stabilized point around 20%. No gave indications of being super- the resultant tar from the car-Research Foundation undertook, by-products are formed in this ior to cannel coal. Tests conduct- bonizing oven is not sufficient to working in close co-operation process and the dried material is ed in a Standard Quebec heater, provide the pitch binder required with the Ontario Department of found to shrink about 20% in fitted with solid grates, gave in the briquetting process. This Mines, to test the value of this volume. An analysis of this fuel equally satisfactory results. It would necessitate the outside purfuel and to work on the problem shows it to have a heat value of burned freely and efficiently, was chase of a tar or pitch and transof its utilization. Under the ar- 9,000 b.t.u. per pound, an ash con- quick to re-kindle into a quick portation to the site of beneficiarangement all the expenses of tent of under 6% and a moisture fire and held well under damper tion. the Research Foundation in this content of 20%. The sulphur con- control. connection are footed by the De- tent is about 1%. The lignite partment of Mines, which pio- subjected to this process has a

KING OF KINGS AND LION OF JUDAH THREATENED BY DEPOSED MONARCH

grade bituminous coal of around Lurgi and Kohlenveredlung pro- nite. The briquettes in the Que- pressure alone. The tests con-13,500 b.t.u. Tests have shown cess. In both of these processes bec burner burned completely to ducted on Ontario lignite. how-

One Ton Makes 1,100 Pounds of Fuel

In the Fleissner process o treatment, 2,000 lbs. of raw lignite containing 50% moisture approximately 76 imperial gal-

mixed with bituminous coal.

of the Research Foundation show cesses using a binder are waterthat it gives good results for do- proof and of sufficient strength.

Other Tests Made

matter. This char comes from briquetting is carried out with a while it can be burned in this drying and the application of plicable for domestic furnaces or fuel it must be briquetted with a binder. From one ton of the raw carbonization makes about 700 a heating value of over 12,000

Withstand Handling

Tests set up in the laboratory | Briquettes made by these pro-

Under test in a Quebec heater at the Research Foundation these briquettes were demonstrated as nace. This is a characteristic of all briquettes using pitch binders and is not alone peculiar to lig-

that it is remarkably resistant to the raw coal was heated in a car- ash without disintegrating and ever, with this process were not by weathering. In a 46 day test high temperature to remove all subject to draught control for sults obtained on German lignite. on the roof of the Research Foun- moisture and to remove most of domestic use. dation there were practically no the tar, oil and gas, all of which A further test was conducted signs of disintegration while raw are collected, leaving behind a on the raw lignite by briquetting lignite under the same exposure char or semi-coke, containing without any binder. In some had disintegrated to a useless fine about 10 to 12 per cent. volatile parts of Germany this form of oven in rather small pieces, and great deal of success, simply by form in industrial furnaces, us ing chain grades, to make it aplignite with 50 per cent moisture, In Europe this class of fuel is pounds of char which will give extensively used for locomotive 770 pounds of briquettes, having

TABLE, a gentle, effective tonic to both liver and bowels, Dr. Carter's Little Liver Pills are without equal for correcting Constipation, Acidity, Biliousness, Headaches and Poor Complexion 25c. & 75c. red pkgs. Sold everywhere.

Sluggish Liver

And Rheumatism

Both Corrected By

Famous Vegetable Pills

"I received immediate relief from

Carter's Little Liver Pills," declares Mr. Arthur P. "I recommend them to suffer-

ers from Rheumatism and Indigestion."

Because they are PURELY VEGE-

neered the investigation into the hard laminated structure of fair In addition to the Fleissner a desirable fuel with one evident lignite deposits at Blacksmith lustre. The heating value is about process, tests were conducted in disadvantage, that smoke is pro-Rapids about three years ago. two-thirds of that of the high- Germany on carbonization by the duced when recharging the fur-

IMAGINE! 9065 PERSONS

Killed or Injured by Motor Vehicles

in one year Because of

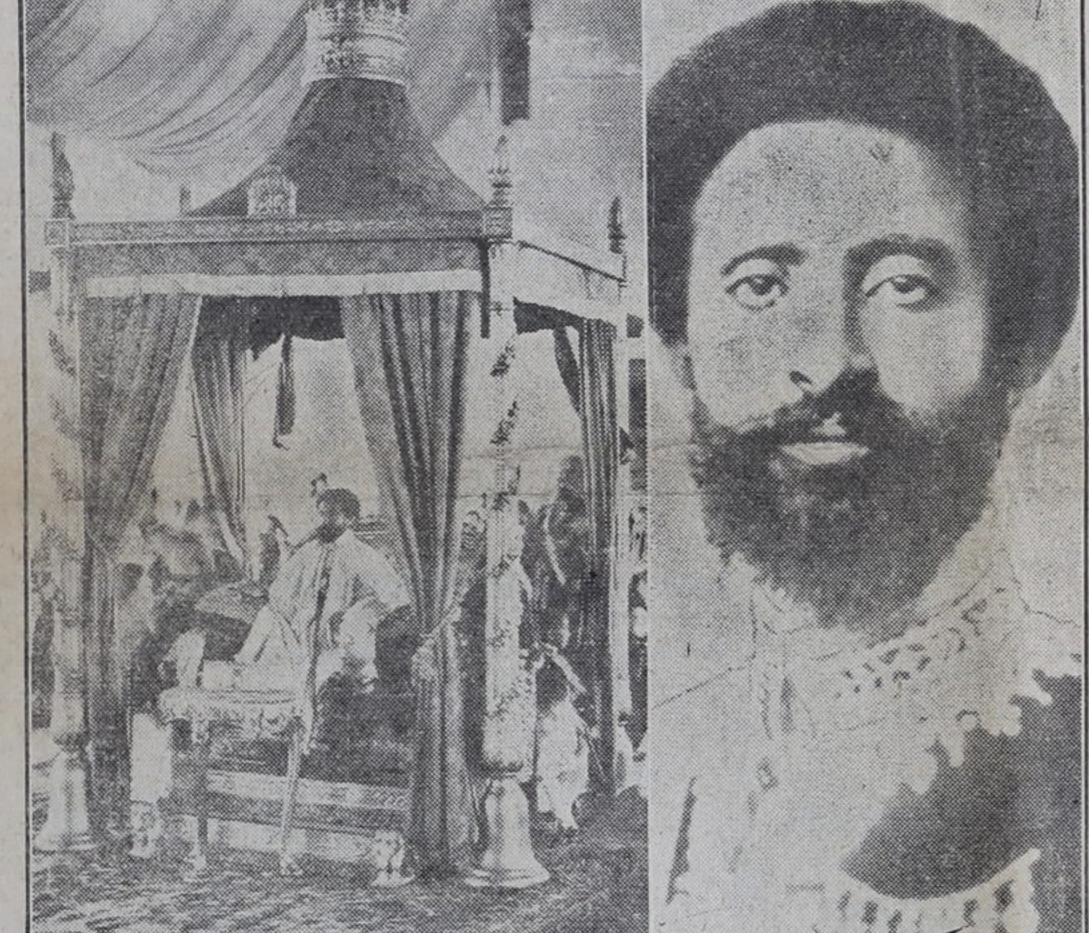
CARELESSNESS

Drive & Walk

MOTOR VEHICLES BRANCH ONTARIO DEPARTMENT OF HIGHWAYS

Leopold Macaulay,





Ras Tafari, King of Kings, Lion of Judah, and otherwise known as the Emperor of Abyssinia (shown above in a close-up and also on his throne), has received a warning from Lidi Jeassu, who was Emperor before Haile Selassie deposed him in 1917. Jeassue has been in captivity for the past fifteen years, but has at last escaped in the guise of a woman and is in hiding in the wild hills of Gotjam district, with a large and influential following. The former Emperor says that as soon as the rainy season is over he will go down to Addis Ababa and settle accounts with his old enemy.





The recent death of Admiral Franz von Hipper at Hamburg, Germany, recalls the great highspot of his career, the Battle of Jutland, on May 31, 1916. Von Hipper was opposed on that occasion by Admiral Beatty, Admiral of the British Grand Fleet, with whom he had had a previous engagement in 1915. Beatty paid von Hipper a fine tribute in characteristic seadog manner: "He was a great fighter and a gallant fellow.,, Although the British losses were heavy in the Jutland battle, it is generally conceded by naval experts that the German fleet received such a pounding as to keep it from ever again seeking an open fight. The first engagement between von Hipper and Beatty resulted in a victory for the British admiral, the German fleet losing the powerful Blucher, as well as having two other ships badly shattered. But it was von Hipper's seamanship that saved the remnants of his force from total extinction.

When a recipe calls for MILK Use ST. CHARLES

A Real Fishing Story

Dr. George F. Clark, of Woodstock, N.B., believes in

producing evidence when telling his fish stories. This

picture shows him standing beside eight Atlantic silver salmon which he caught in the Tobique River, New Brunswick. Three among

them weighed 16, 18 and 20

pounds respectively.

Whenever a recipe calls for milk it is a safe rule always to use Borden's St. Charles Evaporated Milk. St. Charles is economical, simple to use and definitely imparts an improved flavor to your cook-

Only milk that has been subjected to the highest tests for purity and richness is good enough for acceptance in the St. Charles plants. Packed under the most sanitary conditions, St. Charles Milk represents the best evaporated milk you can buy-see that you

ask for it by name.

Borden's UNSWEETENED EVAPORATE



from HEADACHES COLDS AND SORE THROAT NEURITIS, NEURALGIA

Don't be a chronic sufferer ache, or it may be neuralgia or from headaches, or any other neuritis; rheumatism. Aspirin pain. There is hardly an ache is still the sensible thing to or pain Aspirin tablets can't take. Just be certain it's Aspirin relieve; they are a great com- you're taking; it does not hurt fort to women who suffer the heart. (Made in Canada.) periodically. They are always to be relied on for breaking up colds.

It may be only a simple head-

BEWARE OF SUBSTITUTES