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Hissing Sound Made by Northern Lights

Survey of Aurora Borealis Reveals Many Things of Interest to Scientist at Present in the Far North.

Despatches from Victoria, B.C. indicate that the aurora borealis talks. This has been proved conclusively through an investigation just completed by Dr. C. S. Beals, of the Dominion astro-physical observatory staff on Little Saanich mountain near Victoria.

Dr. Beals, who has just been conferred the honour of Fellow of the Royal Society, a distinction that is given to comparatively few scientists, has just made known the results of a protracted investigation into the audibility of the aurora and its appearance at low atmospheric levels.

Announcement of the completion of his investigation was almost coincident with the announcement of the new honour conferred upon him and two other Canadian scientists.

The investigation conducted by Dr. Beals was begun mainly as a result of interest in the subject aroused by James Halvor Johnson, scientist, who himself heard the sound of the aurora while in Alaska and on one occasion observed aurora streamers between himself and the face of a cliff, 1,200 feet high.

144 Hear Sounds

Setting himself to the task of proving conclusively that the aurora does "talk," Dr. Beals communicated with 188 reliable persons in the Yukon, Alaska, and Northwest Territory. These persons gathered data in answer to stereotyped questions sent to them, and as a result 144 persons reported hearing auroral sound, while 44 reported in the negative through these observers.

According to Dr. Beals' report, the descriptions of sounds were almost monotonously similar to one another. Fully 95 per cent. of them listed the sound as a hissing, swishing, rustling or crackling sound. Apparently hissing, swishing and rustling are synonymous, but the crackling is a distinctly different sound. However, Dr. Beals reports that sounds are heard; that is to say, the hissing is accompanied by a faint crackling noise.

A valuable contribution to this data is the statement of Father Bernard Hubbard, S.J., himself a noted scientist who reported having distinctly heard the aurora like the rustling of silk. He also reported having viewed the aurora through a screen of smoke from a fire with peculiar results.

Peculiar Veil

The streamers visible outside of the smoke screen became invisible or obscured when peering through the smoke screen, but between the streamers seemed to hang a peculiar light veil.

Father Hubbard favours, among the many theories explaining the aurora, that the streamers are simply sunlight imprisoned in the huge masses of ice and re-radiated in a different ray.

To continue with Dr. Beals' investigation, however, it is found that the best evidence in favour of the reality of auroral sounds is that practically all observers, who have heard them, describe them in the same way, and that all observers employed have been of an exceptionally reliable character.

Detracting from the suggestion that the sound might be caused by a listener's breath freezing in the intensely cold atmosphere, is the fact that the sounds have been heard in midsummer, and furthermore that the sounds have been present only when there is a play of streamers.

Close to Earth

"In the matter of low-level auroras the evidence is in most cases reasonably definite and unequivocal," Dr. Beals states. "The observers saw the auroral light or streamers outlined against some background object, which seems definite evidence that the displays occurred close to the earth's surface."

Continuing, Dr. Beals says that if this low-level appearance is so, and there appears to be no doubt whatsoever, then "there must be some definite physical process taking place close to the earth's surface which is able to produce the effects that have been observed."

In conclusion, the scientist points out that the theory of the aurora being caused by some sort of electrical discharge near the surface of the earth is a very reasonable one, and that the evidence presented in his investigation and preceding investigations, if accepted as valid, makes it necessary to modify the theories of the aurora in such a way as to take account of the low-level phenomena.

MANY EX-SUDBURY PEOPLE LEAVE KIRKLAND FOR HOME

According to word from Kirkland Lake last week there was a regular exodus of people who had formerly lived at Sudbury but who have been resident in Kirkland Lake since things had been poor in Sudbury. The re-opening of work at Sudbury properties has caused this exodus from Kirkland Lake. Although there were many from Sudbury coming here in the last few years, there has been no special exodus from here to Sudbury. Of course, there have been a few recently returning to Sudbury from Timmins, but the exodus here is not at all comparable to what it is represented to be at Kirkland Lake. It is said that there were so many at Kirkland Lake anxious to return to Sudbury recently that buses and trucks were used to run "excursions," as it were, to Sudbury to return the Sudbury folks to their old home town, where they expected to be able to get back to work again. The "fare" for these "excursions" is said to have been only \$3.00 each.

Barrie Examiner:—Capt. Philpott, chief Ontario crusader for the C.C.F. declares that this organization has more brains than any other political party. What a modest man!

Henry Ford Visited the Showrooms at London

London, Ont., July 21st.—Coming here on a flying visit, Henry Ford, the automobile manufacturer, visited the local Ford showrooms to view a 1904 model Ford car, and wound up by demonstrating the selling points of his new Ford V-8 to customers in the showrooms.

Accompanied only by his secretary, Mr. Ford reached London at dusk and stopped over night at the Hotel London. Rising early, he visited the plant at Middlesex Motors, Limited, and was off again to his job at his Dearborn, Mich., laboratories before hundreds of business men were at their desks.

At the hotel after breakfast, Mr. Ford met J. D. Isaacs, president of the local Ford dealership, who told him of the 1904 model Ford, one of the earliest Fords manufactured in Canada, which was on display at the local showrooms. Interested in the old model, Mr. Ford hurried off to see it. He has two other cars of the same model at his Dearborn museum.

After examining the old car, Mr. Ford toured the entire plant. In the service garage he chatted with the mechanics and gave them a few pointers to help them in their work on the new model. He talked with the sales staff, gave them a word of encouragement and told them what he considered the strong selling points of the car.

Turning away, Mr. Ford found two customers examining the new V-8 car. He showed the car to them personally and demonstrated its features, paying particular attention to the V-8 engine, with its aluminum head, and emphasizing its power, flexibility and economy.

Then after a half hour at the plant he stepped into his own Ford and whirled away.

While in London Mr. Ford expressed great interest in Northern Ontario farming. He said he was planning to stop at a cheese factory on the way home to see how the famous Canadian cheese is made and to sample the product first hand.

Siscoe's New Vein Said to be Most Important

The following official statement has been made in regard to Siscoe operations:

"J. M. Forbes, general manager of the Siscoe Gold Mines Limited, has returned to Montreal after a lengthy trip to the mine. He reports that operations are proceeding smoothly and that the mill is now operating at the rate of 280 tons per day. Development work on the lower levels continues to show up one and on the 975, which is the lowest level of the mine, about 250 feet of ore has so far been developed with ore still in both faces going north and south. Of particular interest is a long exploratory drift which has been run to the north and will eventually pass under the lake toward the mainland. Drill stations are being cut at 200 foot intervals and lateral diamond drill holes are driven both east and west. At a point about 350 feet north of any previously known ore the first hole to the west cut six feet of quartz. The second hole drilled from the same station showed similar conditions about 50 feet farther north. A crosscut is now being run to this new ore and has about 140 feet to



NEW GOLD FIND REPORTED IN NORTHWESTERN ONTARIO

(From Loney's Mining Reports)

A new gold discovery, which Loney's Reports has reason to believe carries earmarks of importance, has been made in the Thunder Bay district. Although details have been carefully guarded, news of the find is already attracting an influx of prospectors and staking in the neighbourhood of the discovery is under way. Details of the location of the find were not available as this is written, but assays of more than 20 samples taken from a vein reported by the prospectors to be 15 feet wide and traceable for a length of 1,800 feet, were examined and indicated values ranging from \$4 to \$18 a ton in gold. The average width of the vein is said to be about five feet. Free gold specimens have also been examined.

"About the middle of July the last yearly report will be mailed to shareholders and will show that steady progress is being made at the mine."

Kirkland Lake Legion made \$1224.00 out of Conklin's Shows, giving half of this—\$612.00—to the township of Teek relief fund, and paying \$25.00 to the school board for repairs of playground equipment. The school board allowed the Legion the free use of the grounds for the shows.

The next regular meeting of the Timmins town council will be held on Monday, July 10th, commencing at 4 p.m.

That Odd Job Will Help Some Good Man

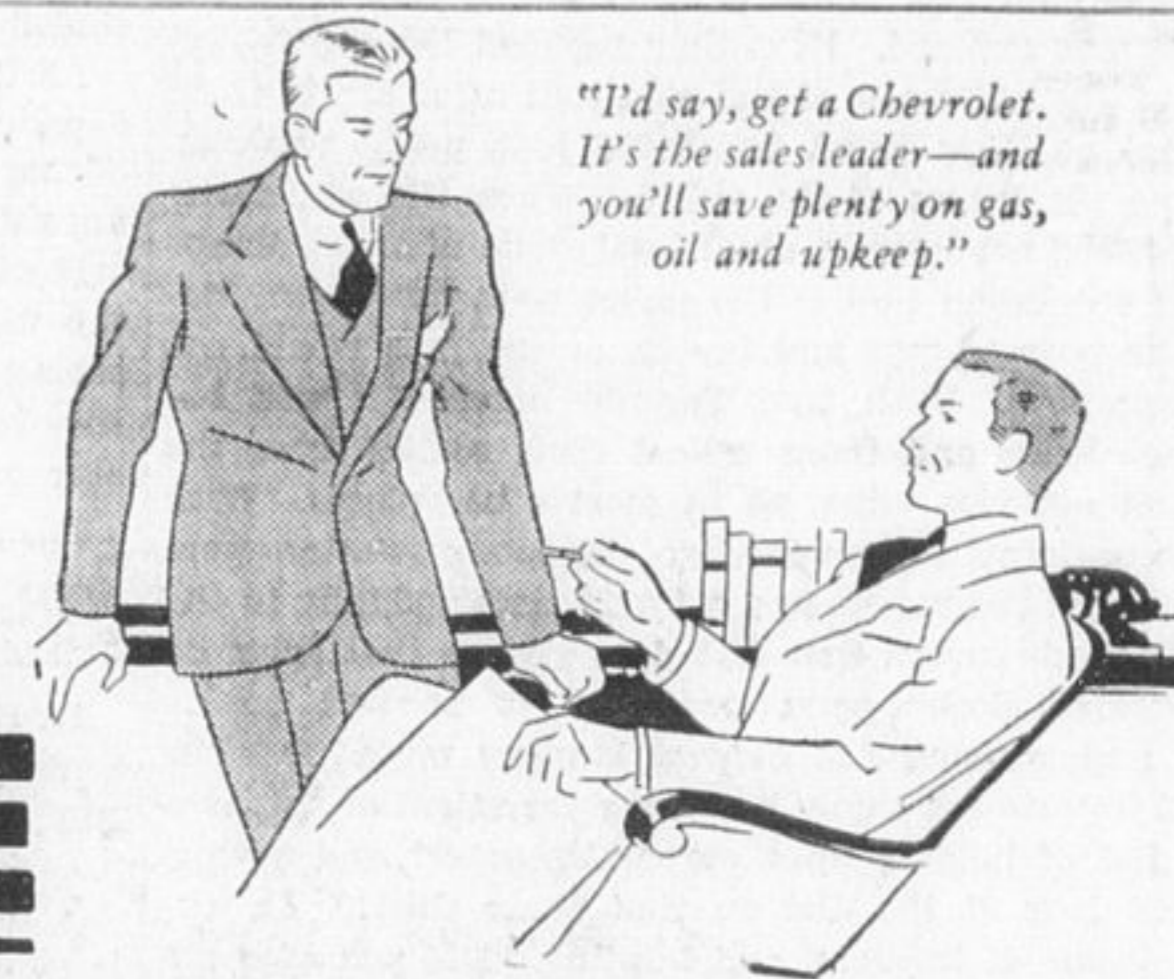
If You Have an Odd Job You Wish Done Just Telephone 218 and a Good Man will be Sent You to the Benefit of All.

Have you some odd job around the house or business place? If so you can have it done and at the same time you will be helping some good fellow to keep going without going onto relief. A number of energetic and willing men have been keeping themselves for the past couple of years through the little they earn by doing odd jobs. The jobs usually are small ones and do not involve much money but taken together they mean quite a big—enough that about twenty good men are able to get along on their own earnings. These men are ready to do anything that is honest. They do not care how small the job may be—a half hour's work, or an hour's work, or as the case may be. They are chiefly handy fellows able to do nearly anything and do it well. They are not only ready to take on any odd job that may come along, but they have shown themselves grateful for the opportunity to work. The result is that citizens trying them once, send for them again. H. C. Garner, in charge of the Government Employment office here has given these good fellows every possible co-operation and as a result they have managed all

right. Mr. Garner keeps a list of all those ready to take on odd jobs and any enquiries are answered very promptly by him. All you have to do is to phone Mr. Garner and tell him what you want and he will send a man around to see you in very prompt way. You are nearly sure to find that the man sent will do the work quickly and well. You will be pleased and so will the man doing the work. It will relieve your mind to be free from the odd job or chore. You will not need the few cents that it will cost you to secure the services of a man for the odd job or two. The man given the work will also appreciate the opportunity to earn a little money, so the benefit all round is worthy of consideration. You will have the satisfaction of having the work done well and at the same time you will know that you have directly helped a good fellow. If you have an odd job, call Mr. Garner on the phone or drop around to the Employment office, Fourth avenue, opposite the town hall.

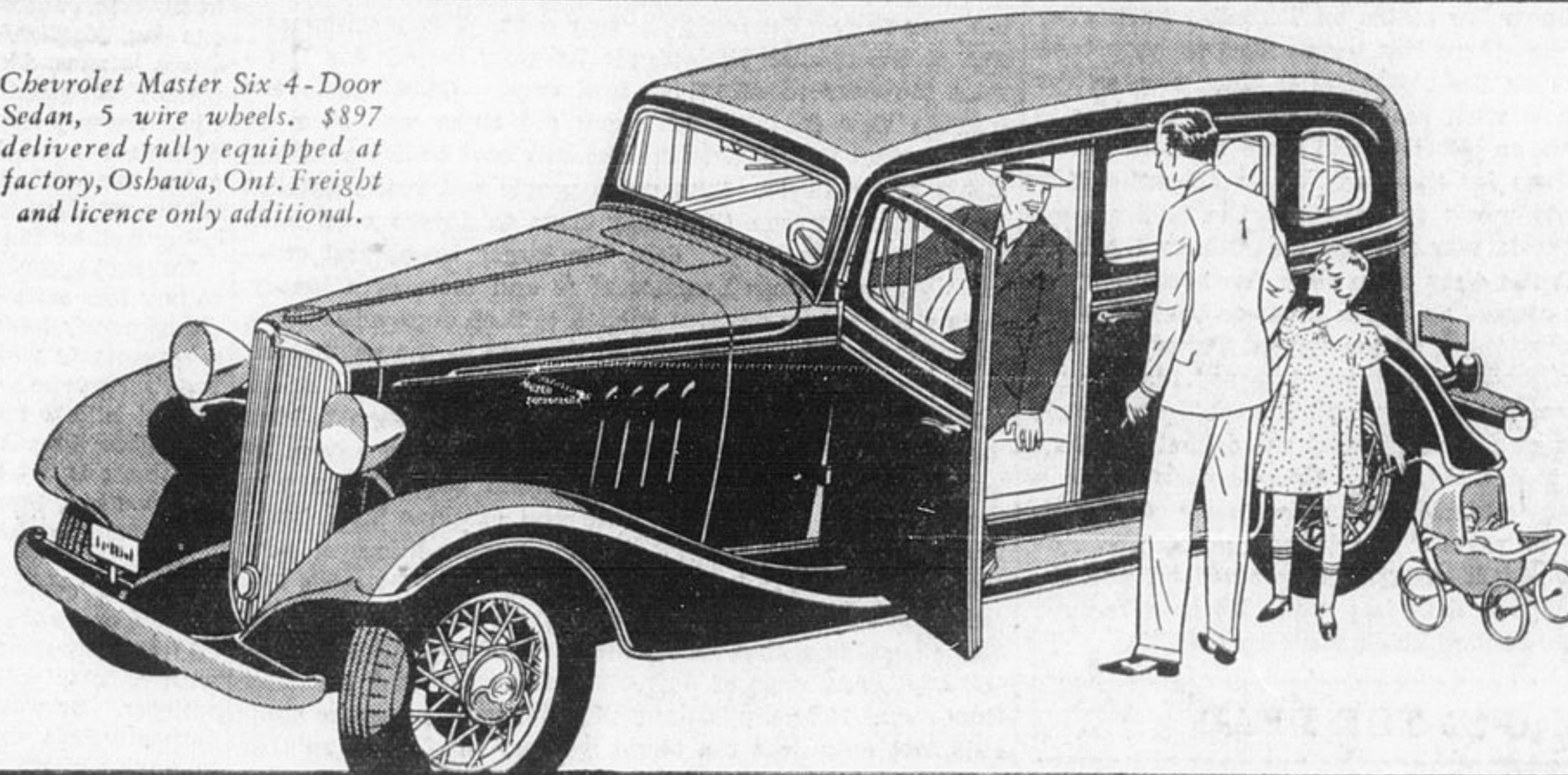
HOLLINGER FINDS WOOD PROPERTY NOT SUITABLE

Hollinger Consolidated has decided that the Wood property in Tibblemont township, Quebec, is not suitable to them and the option is not being kept alive. Considerable gold was uncovered during the course of exploration, indicating that recovery on a small scale might be established. The suggestion of a 25-ton mill has been advanced.



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CHEVROLET LEADERSHIP.

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CHEVROLET _____
SECOND CAR _____
THIRD CAR _____
FOURTH CAR _____

WOULDN'T it make you feel good . . . to buy a new car, drive proudly home—and realize, all the while, that you've saved yourself plenty of money on the deal?

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Besides that, once you start driving a Chevrolet—you'll find yourself using fewer gallons of gas, and fewer quarts of oil, than ever before. You won't have to worry about repair bills—for thousands of owners have

proved that a Chevrolet Six is built right and stays right.

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NAME _____ ADDRESS _____

Good morning!

How about a breakfast surprise tomorrow? Kellogg's Corn Flakes and sliced bananas!

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Kellogg's for flavor