

THE DAILY NEWS

PRINCE RUPERT - BRITISH COLUMBIA

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DAILY EDITION



Tuesday, Oct. 18, 1927

CONSERVATIVES WILL BUILD

If the Liberals under Premier Mackenzie King will not build a lary mirrors giving focal lengths of 18, railway westerly from the Peace River country, the Conservatives will, so they say. That is encouraging. Between the two we are vacuum cells. . . . By means of a series likely to get somewhere. Political parties are simply names and the glass, and of fluorite, the planetary rapeople will support the party that represents their views.

In many respects the Liberals have been the western party. They gave us equal freight rates and they gave us the elevator but ble to obtain estimates of the planethose are now accomplished facts. There is no such thing as grati- tary surrface." tude in politics, as evidenced in the result of the last election here. People support the party they expect to get most from or the candidate they like the best.

Now Prince Rupert wants a western outlet for the Peace River, it wants a post office and it wants fishermen's floats. Conservatives refused to come out straight in the matter of post office at the last election but they have now declared for the western out-· let from the Peace River. If they stick to that unequivocally and the ther, they found the mean annual tem-Liberals will do nothing, as intimated by Hon. C. A. Dunning, then the Conservatives will get western support.

Liberal newspapers throughout the country are wishing Hon. Richard Bedford Bennett well. That is as it should be. We were among the first to wish him well.

GOVERNMENT TO CARRY ON

The result of the Nelson election will be that the Provincial 1924, from 20 to 30 degrees centigrade. Government will carry on through the forthcoming session and if it wishes to do so it may sit through two sessions before appealing be warmer than the bright. At a test to the people for another lease of life.

To those who were anxious that Premier MacLean should have an opportunity to prove himself, the Nelson election outcome was area lying side by side with it were pleasing. There was nothing to be gained by electing a Conserva- measured by the radiometer when they tive at this time. The general election cannot be far away and then were on the central meridian. The the people will be able to decide, not in one constituency only, but dark area was found to be 10 to 15 throughout the province as to who is to carry on the affairs of degrees warmer than the bright. "If British Columbia. It is to be assumed that at the general election this difference in temperature," the as-Hon. S. F. Tolmie will seek a seat and if he is elected he will lead tronomers conclude, "is the result of a the Conservative forces in the Legislature.

It will be noted that the Liberals won this election in a con- haps 7,000 feet higher than the dark stituency where the only daily newspaper was strongly Conserva- areas. So small a difference in elevative and it supported Dr. Borden. The successful party had to de- tion would escape detection visually." pend for its publicity and advocacy of its cause on an election sheet This confirms the view of Lowell and published for the occasion. This would seem to indicate that the other specialists that Mars is a level advocacy of a cause by a newspaper is not always effective and that world compared to the earth. it may even be detrimental.

Now that Neison has done its bit for the Empire, let us forget it and look forward to a Tunney fight or something equally elevating.

SERIES OF SCIENTIFIC ARTICLES

Today we are publishing the third of a series of scientific ar west or "sunset" limb. Exceptions to ticles issued by the Biological Board of Canada through their local experimental station. The one published yesterday in regard to oils if the west limb was unusually bright. was found to be very interesting to a large number of people. The an indication of cloudiness at sunset. article on Plankton published today should also prove good reading for those interested in natural history because it has a strong local ature of the sunset limb was lower application. The fourth will appear tomorrow and deals with overhanging the sunset limb was ob- results show that, after all, there is a "Fish Glue." Those who have wondered what the experimental sta- served visually. Coblentz and Lampland close similarity between climatic condition is doing will get some idea of its scope from these articles but believe that on all these occasions of of course there is a great deal of work done that is not yet far unusually low temperature they were come not to enough advanced to tell about. It is to be hoped that Prince Rupert | measuring the radiation from "an efpeople will have an opportunity of reading further of these activities fective radiating layer situated at some at some future date.

Thanksgiving seems to be the next excitement but that is nearly a month away. What shall we do in the meantime?

Even a wise owl sometimes hoots at the wrong time.

Off to school in a hurry



Ready to serve - easy to digest Vigor and health for young and old Delicious with cream or hot milk

NEARBY PLANET

Scientists Say it is Habitable and Similar to the Earth in Many Respects

tumn Mars came comparatively near to the earth. In early November only 42 .-000,000 miles separated us from our neighbor, and during the winter the red planet was perhaps the most conspicuous object in the evening skies. The opposition of 1926 was scarcely so favorable as that of 1924, for Mars was 8,000,000 miles farther away; but the greater distance and consequent smaller apparent size of the disk was compensated for by the greater altitude of the planet above the horizon. And as Mars is getting more distant from us at each opposition, last winter's was the nearest approach of the planet for a number of years to come.

It was known to astronomers a year ago that Dr. Coblentz and Mr. Lampland were engaged in seeking, at the Lowell Observatory, further confirmation or the reverse of the temperature measurements which they obtained at the oppusition of 1924. The results of last year's work have been embodied in a paper entitled "Further Radiometric Measurements and Temperature Estimates of the Planet Mars, 1926," just issued from Washington. Messrs. Coblentz and Lampland state that the telescope used was the 42-inch Lowell reflector, which is equipped with auxil-53, and 80 feet. "The radio-meters in of transmission screens of water, quartz, diation emanating from the irradiating surface of Mars was resolved into spectral components whereby it was possi-

MEAN TEMPERATURE Two years ago Coblentz and Lampland found the equatorial regions of the planet to be much warmer than the poles, the afternoon temperature to be higher than the morning, and the bluegreen areas to be considerably hotter than the reddish-ochre regions. Furperature to range from 7 to 18 degrees centigrade, or 45 to 65 degrees Fahrenheit. These conclusions have been confirmed at the last opposition, and may now be accepted as beyond doubt. Coblentz and Lampland found the temperature of the centre of the diskthat is to say the noonday temperature-to be somewhat higher than in The dark areas were again found to

observation on October 12 of last year a dark area-known to astronomers as difference in elevation, then the cooler

That the Martian atmosphere is more extensive and denser than hitherto supposed by most astronomers is indicated by some of Coblentz' and Lampland's recent results. In their study of the east and west limbs of the planet they confirmed their previous conclusion that the east or "sunrise" limb is cooler than the this general rule were found, especially means that abnormally low temperatures are due to extensive cloud.

WARM AND COLD AREAS The Lowell observers found that warm and cold areas were to be found on the uniformly illuminated disk. This indicates a new method of picking out Martian clouds invisible to the tele- habitable world. scopic observer; for the small regions of low temperature would seem to be due to cloudiness. The temperature measured in these cases is most likely not the surface temperature but that of a cloud layer, and this, of course, indicates that the atmosphere of Mars is cloudier than was believed fifteen or twenty years ago. This is confirmed b visual and photographic observation within the last ten years. Dr. Coblentz thinks that the evidence of so much cloudiness raises the question of "the extent of an absorbing and heat-retaining atmosphere, and perhaps the presence of a little more water-vapour the greatest of salmon pests. than the spectroscope has yet shown."

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the temperature of Mars was below The dogfish is a pest and there the sea to look like 'tomato soup', and in the summer of 1926 the sales On October 27, 1926, when the temper- freezing-point, and that the atmos- should be no bar put in the way of Fishermen have noticed this peculiar were eating a certain jelly fish (velt) phere was almost destitute of water- exterminating it. that that of the sunrise, a white cloud vapour. The recent Lowell Observatory tions here and on Mars. The wheel of Sir William Herschel's view that the analogy between Mars and the earth is by distance above the solid surface." This far the greatest in the whole solar system; and if we are hardly warranted in saying that the planet's inhabitants are so thick as to discolor the water. "probably enjoy a situation in many Sailors and fishermen have often respects similar to ours," we can at noticed "red water" off the West Coast least conclude that the radiometer re- of Vancouver Island. This discolora-

In The Letter Box

JUST IMAGINE IT, DOGFISH LICENSE!

A little over fifty years ago R. A. these men the government should be cent organisms which cannot be seen problem in co-operation with Dr. H. the British Red Cross "Our Day."

GEORGE BUSHBY.

FOOD OF FISHES CONSISTS recognized that this discoloration is lected by means of a very fine OF MINUTE ORGANISMS due to some organism which is sus- made of bolting cloth or some close NAME OF PLANKTON

(continued from page one)

sults of 1924 and 1926 have materially tion is due to the presence of millions

discoloration of the sea,-the water ap- which appeared off the coast. pears to be a pinkish red color, and to COLLECTED IN NETS have lost all its clearness. They have The plankton in these waters are KNOWN TO SCIENCE BY pended in the water and also that it woven silk stuff which will allow serves as a food substance for fish, water to pass through it but will retain since it is popularly known as 'red the little planktonis plants and a feed.' A sample of this 'red feed' was mals. The plankton thus gathered brought in by Captain Henderson of placed in a preservative and sent the "Givinchy" in August, 1927, and Mr. Wailes at Nanaimo, where I was found to contain this same little dentified and compared with animal Noctiluca scintillans.

FOOD INFLUENCES MIGRATION | doing it will be possible to estable

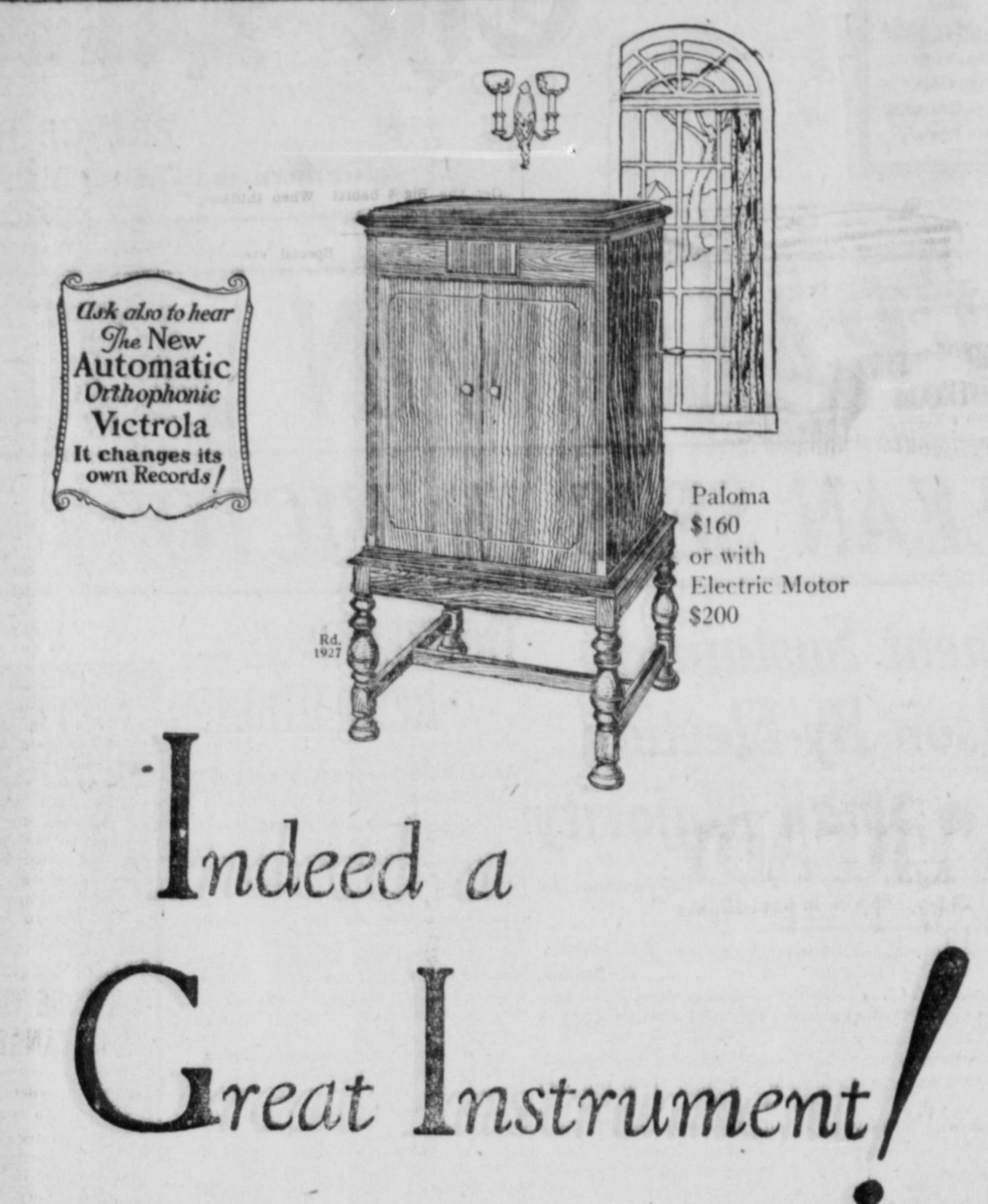
This so-called 'red-feed' appears dur- the direct or indirect relation between strengthened the view that Mars is a of little red colored organisms called ing the summer months, which brings the existence of this plankton is by scientists Peridenium trochoideum, us to the interesting point, namely material, and the movements of which are about one-thousandth of an that nearly all the plankton is periodic fish in search of it, and thus another inch long. A sample of 'green' water in its abundance and sometimes ap- chapter will be added to the story owed its color to mirriads of spherical, pears in great quantities in certain the migration of the salmon. one celled plants, each one being one places. This is interesting and imthree-thousandth of an inch in diame- portant, because it has a distinct bearter. Their scientific name is Phaeocys- ing upon the migrations of fish in their search for food. Where food is Nearly every one who has lived on abundant, fish will usually be found. the Pacific Coast at some time or If we can find out quite definitely It is truly exasperating to hear that other has noticed the prosphorescent what, for instance, constitutes the food a government fishing patrol boat is glow of the water at night. The waves of a spring salmon, by examining its out among the fishermen who are try- breaking on the shore, the wake of a stomach contents, and then find out put all telegraph lines leading into ing out their luck fishing dogfish, and boat or the movement of an oar where and when this particular food city out of commission today. to know that these men are being through the water, will in the summer appears in its greatest abundance, we hectored into paying a fee of a dollar time produce a most beautiful lumines- may reasonably expect to find an Tomorrow afternoon, pupils of for the privilege of destroying one of cence. This light is not really given off abundance of spring salmon at that Prince Rupert public schools will how by the water itself, but is actually place. G. H. Walles of the biological a demonstration at the corner of Six Instead of filching a dollar from produced by millions of small lumines- station at Nanaimo is working on this Street and Third Avenue in support Proctor referred to Mars as "the min- paying them a bounty of at least two by the naked eye. One of the most C. Williamson, the salmon investigator, lature of our earth" and enumerated dollars a ton.

common of the larger forms responsitively that there are A quiet wedding took place yesterds many analogies between the two plan- The license was charged in the first ble for this phosphorescence is called certain places off the coast where sal- afternoon at the home of the bride! ets. A quarter of a century ago, after place when the dogfish was given a Noctiluca scintillans which is about mon may be caught. These salmon parents, Mr. and Mrs. William Cher the recognition of the absence of seas respectable name and masqueraded one-fifteenth of an inch in diameter. may feed on fish such as the herring oski, 909 First Avenue, when Rev. on Mars, opinion swung to the view under the dignified title of "greyfish," During the day the light which these and pilchard, as well as the more min- S. A. Crux united their daughter,

stomach contents of the fishes. By

Ten Years Ago in Prince Rupert

that the earth and Mars were widely but it never was and never will be a little animals produce cannot be seen, ute plankton. Dr. Williamson found nie, in marriage to John Wozney. dissimilar. Many astronomers held that food fish, so why keep up the farce, but being red in color, they aften cause shrimps in the stomachs occasionally, happy couple will reside at Skeens City



is the verdict of John McCormack, world-famous tenor—after listening to his latest record on the new Orthophonic Victrola.

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