HEAT OF SUN IS SLOWLY LESSENING

With the Passing of Old "Sol's" Warmth Humanity Will Cease to Live

The sun is a mass of blazing heat gases 1,300,000 times larger than the earth. Its temperature varies between Tampico. Nevertheless, it is a town 8,000 and 12,000 degrees. However vast its heat may be, it can be no markable of modern romances of inexception to the common law of mat- dustrial investment. ter. Every day it loses some of its A moment will come inevitably when its radiation will grow weaker, and importance in connection with that it after that will cease altogether. That dustry may be gathered from the facwill mean death for us in cold and that in about ten years nearly two

There is nothing surprising in this which were once like our luminary belongs. are known to exist in the heavens, Every star is born and lives to die The problem is to fix the date of its

In the opinion of many scientists, the American astronomer who has threatened us with death in 5,000,000 cussed with good arguments for some

The first question we must ask is, a manner so constant? Without doubt we can observe in the sun certair variations of heat. Our winters and summers are not exactly alike, but these variations are comparatively/small. They are subject to a periodic flux, which brings back nearly the same condition after a certain lapie of time. The climate of the earth has not changed within historic times. Before long we shall experience exceptionally severe winters and torrid summers. What colossal source of power keeps up the sun in this manner? With what mysterious substances is this enormous furnace

The physicists, Mayer and Helm-Foltz, have given the best answers to much larger than it is at present. In obedience to the laws of attraction, gaseous masses contract and become smaller. The laws of physics teach us that under these conditions a gas may recover the heat which radiation causes it to lose and which is distributed in surrounding space. Calculations show that a contraction of 25 inches a year in the diameter of the son would cause its heat to remain coastant for thousands of years. The sun has a diameter of 926,964 miles. Evan supposing the diminution mentionad occurred, no instrument could reveal the change in its diameter in a period of ten centuries.

Thus, according to the mechanical theory of heat, astrono rs who may It is for the reason that their affiction live in the year 12000 of our era will is so entirely hopeless, so utterly ab-by able to know what the sun's dia-solute in its deprivation, that it commeter has diminished about five miles pels them to see the uselessness of since the beginning of telescopic ob-

of its present size. From that moment nothing will be able to check the loss of heat which it will undergo through of the earth will show the effect. In our northern countries vegetation will lose a large part of its vitality. The torial region. A few million years after that all earthly life will become impossible. The sun will be covered with dark spots, which will gradually grow larger and larger.

Sun Will Los- Light In a few tens of millions of years after that the our will have lost its place among the light-giving bodies of the heavens. It will become a black and invisible body, a cangerous derelict of the millions a stars moving through space, but it will still con-

time its course through space.

From these facts and arguments we may conclude that humanity will still about 1,500 more eggs apiece immeexist for 10,000,000 years, or perhaps diately or the following spring. 15,060,000 at the utmost. We must, however, remember that accidents may A thoroughly, although not exception occur to shorten this life. A healthy ally infested cow may carry seve a man way reasonably expect to live to hundred thousand ticks at one time 80, but an automobile may end his and, during one season, may be incareer in an hour or a day. So it is fested by four such broods. Now, 1,500 Ridge is visiting friends at Bloomwith our earth.

makes around the sun at the rate of season. 90 1-3 miles a second, may it not some versal death. What astronomer can assure us that a collision will not occur within a few years? Barring such an accident, however, the end of the earth from cold must be regarded as fixed.

MEXICO'S FAMOUS ROMANTIC SEAPORT

Tampico the Noted Harbor Has Many Prosperous Industries

Until the trouble arose between the United States and Mexico, the average person probably knew little about which provides one of the most re-

Tampico became famous in the heat and is gradually growing colder. money market at the beginning of the great oil boom, and some idea of it hundred and fifty million dollars ha been invested in the oilfields in the deduction. Millions of extinct suns State of Tamaulipas to which Tampic

Of this total over \$75,000,000 rep: sents British interests, and the amaz ing growth of oil properties in tha corner of the world is illustrated by rels of oil secured in 1907, the figure has grown to 16,000,000, which was last year's total.

Apart from oil, however, Tampico which shares with Vera Cruz the greater portion of the foreign trade of Mexico, has quite a number of where did the sun obtain the heat other prosperous industries, which with which it maintains our life in have been greatly developed of late years by British and American residents, who are more numerous in Tampico than in any other part of Mexico. The excellent harbor ac commodation of the town makes it the chief port for the exportation of coffee, sugar, rubber, copper ores, and asphalt, the most important products of the neighboring territory.

The soil is very rich, and it is expected that within a few years there will be an enormous increase in the flourishing trade in fruit and vegetables. Furthermore, it is a fine centre for sea fishing. Indeed, it is the happy hunting-ground of the enthusiasts who delight to catch the big game of the sea, for in no other waters can that giant fish, the tarpon, which attains a length of 6 feet or 7 feet be found in such large numbers.

Most of the commerce of Vera Cruz is also in the hands of foreigners, although it is a place to be avoided by those who have a regard for their health. Its moist, hot climate is notoriously unhealthy, and the annual death-rate ranges from one in eleven to one in twenty of the population, mostly from lung diseases and from of the city is Villa Nueva de la Vera Cruz, or "New City of the True Cross."

The Resignation of the Blind How is it, asks a writer in "Cornhill's Magazine," that the blind as a whole look and appear to be happy? rebelling against the inevitable. It is Frank MacLewee of Boiestown is head in this section, are making good pro-In 7,000,000 years the sun will still radiate the same quantity of heat, but its disc will appear to man one-fourive once mastered, that causes them to once mastered, that causes them to the right light field Ridge is standing her examinations from his.

Rev. Mr. Archibaid, Prespyterian loss from his. minister of Doaktown preached here to bugs and harvesting their crop of once mastered, that causes them to have the right light field Ridge is standing her examinations. the knowledge that moroseness and made—as it has to be—the outlook Ridge. becomes brighter and everything has to be relearned, so that the may gain the guests of their daughter, crops will no longer ripen, and the This it is that gives them occupation Sunday last. people will press toward the equaimagine that, however they may look or appear, they forget for one minute desire to see. That is ever present, the River. and their life is merely patient en- Messrs. John /H. Spencer and durance, with the desire to prove as Lorance Cowie has returned home little burden as possible to their more from Dougles Boom fortunate fellows.

Prolific Cattle Tick

in April may by Oct. 15 give rise to 6,750,000,000 descendants, about half of which, being females, will lay

Take the cattleman's point of view ticks, after having engored themselves If he etarth dies in the fulness of for three or four days, will weigh time it will die from cold in, say, about a pound, this representing altime it will die from cold in, say, most entirely the weight of the blood diss O. I. Norrad. now, but there is a host of other taken from the host. Thus the helpdangers that menace humanity. In less beast may actually lose from 200 handsome organ from an agent n the ceaseless journey which the earth ti 500 pounds of blood in a single Fredericton.

Little wonder that thousands of day come into collision with the heart | Southern calves never reach maturity; of a colossal comet? In such a case that the pitiful spectacle of valuable humanity may witness a frightful dairy or beef animals actually stary. Dyrus Kelly, our enterprising merspectacle, a dreadful prelude to uni- ing to death in the midst of rich, nutritious pasture is not a nightmare, but a terribly frequent reality .-World's Work.

> Friction of small steel balls polishes dious store near the station. silverware in a new machine.

DISGRALEFUL RECORD FENIAH RAID PENSION. \$26,000 DISMISSALS FROM CAVIL SERVICE AFTER MOCR TRIALS OR NOTRIALS AT BOODLED IN CONNECTION WITH THE CONSTRUCTION SOUTHAMPTON RAILWAY NEW BRUNSWICK RECRLESS ATTEMPT TO RUIN NATIONAL TRANSCONTINENTAL FOR THE PALTRY PURPOSE MAKING POLITICAL CAPITAL AGAINST LATE LAURIER GOVERNMENT.

MORE HYPOCRASY FUND USED FOR BRIBER \$45,000,000 NO TRUCK OR PURPOSES IN NOVA-GUARANTEED TRADE WITH THE YANKEES" SCOTIA .. CAN NORTHERN RAILWAY (MACKENZIE & COAL FOR THE GOVERNMENT RAILWAYS MANN) WITHOUT AMERICAN MINE ADEQUATE SECURITY MAKING A GET UP A MINES ARE IN NEED \$200 000 000 ADVANCED TO THIS FIRM ARMEN PRE? RESECTED. MOTION TO PREAL OF THE PROTECT THE THEGED INTERESTS A HIGHER DUTIES INTERESTS OF THE DOMINION GRANTED. DOWN FRAUD AND INSINCERITY AND UNVERACITY HYPOCRASY BORTER | FOR CONTRACTORS JEH HE HAD \$92,500 000 ABOUT CHARGED WITH HAVING RECEI ALLEGED BORROWED "EMERGENCY PAST 10 MONTHS. MILLIONS FOR ARMOURIES, NOTA CENT TO TRADE DECREASING IMPROVE SOCIAL DEPRESSION AND UN-EMPLOYMENT EVERY. WHERE. POSITS. CONDITIONS

SIR ROBERT L. BORDEN:-Why these Knighthoods, Sir George? What have we done to deserve them? SIR GEORGE EULAS FOSTER:-Done? Think of my speech of March, 1909, Advocating a Canadian Navy! Think of our alliance with the Nationalists! Think of our doubling of Expenditures! Look around and see what we have accomplished during the past session of Parliament!

ment in which he will store his mo-

lasses, flour and heavy goods. The

first floor will be used for fancy groc-

eries, dry goods and patent medicines

and hardware, etc. The top floor is

will instal his millinery and glove

time, which will, when finished, pre-

sent a beautiful appearance.

BLOOMFIELD RIDWE

Bloomfield Ridge, July 30-The weather for the last week has been Mrs. John A. Spencer and her son Judson, were the guest of Mrs. Earl to be finished in Cyprus, in which he

A. McDonald recently. A. L. Boies has just returned department, presided over by a Philhome from Blackville with his hand- adelphia lady.

mostly from lung diseases and from some black stallion Dusty Boarder. Mr. H. C. Ballentine, late of Bosyellow and other fevers. The full title Mr. Boies will make another trip to ton, architect and builder, has the Blackville this week. contract for the erection of this mod-Mr. J. E. MacNabb of Boiestown ern structure and expects to have the

s hauling lumber to Roy'I. Smith's same ready for occupancy in the earmill also to Dow McLellan's from ly autumn.

Mrs. G. A. Hammond is making Mr. Wesley E. Hinch has returned extensive repairs to her residence, home from Durby and Indiantown a extensive repairs to not the home from Durby and Indiantown a under the supervision of Mr. Ballen-Quite a number of sports are up

river on a fishing trip.

Mr. George Moir is making great Lemuel Kitchen and Tyler Kitchen improvements to his residence.

Mr. who suffered from the late train fires

gress in building and repairing their carpenter

of heat which it will undergo through Is opened up to them, a fresh start is bell is visiting friends at Bloomfield

Mr. iiand Mrs. James McLellan were their ends without the use of vision. William E. Hurley of Green Hill,

Misses Susie and Ruby G. were calling on friends at the River on Friday. July 10.

Mrs. Thomas Boies, Sr., is visiting their affliction or their longing and her daughter, Mrs. R. A. Norrad at

> William J. MacLellan has been spending a week at Doaktown and

Storytown Mrs. Donald Donalds of Doaktown A male and a female tick hatched and her daughter Helen were guests of her grandmother, Mrs. Jas.

A. L. Boies left recently for Stanley, Durham, Williamsburg, Cross Creek and Maplegrove.

Mis M. E. | MacDonald and Mr. E. J. Gunter attended durch on Friday evening at Hayesvill Mr. and Mrs. Kenney MacDonald

was the guast of Mr. and Mrs. C. E. Boies on Sunday.

thrs. James Robinson of Pleasant field Ridge and Gordonvale.

The pia social, sale and dance was a grand old time. The music for dan cing was furnished by Mr. Harry and

HAMMONDVILLE.

Hammondville, July 23-Duncan chant and mill owner, is today loading his output of laths on the cars now at Hammondville station. This enterprising merchant has purchased a block of land from Lemuel Kitchen for the purpose of erecting a commo building is to have a concrete base-

Beats "Whispering Gallery" It cost a railroad company \$30,000

to remodel a new station in a California city when it was found that PHOSPHGNOL FOR MEN every whisper in a large waiting room could be heard in every other part of

Automatic Employment Bureau

A Californian is the inventor of machine into which a person in search of employment can drop a coin and and costs in the police court get a card, visible from outside the machine, telling where work may be found and what kind.

Marvel in Tower Construction German army for searchlights and ing to law. wireless telegraphy, are so light and compact that two men can carry tower that extends to 160 feet.

Motorbike Postmen

Motorcycle side cars are being trie for delivering mail; in rural districts in England and it is predicted tha the horse soon will disappear from the postal service of the United Kingdom

Takes Shine off Paint

The addition of a little water give a lusterless finish to oil pain without injuring it as the water wil

DR. DeVAN'S FEMALE PILLS Reliable

Sold in Fredericton by A. J. Ryan.

UNQUALIFIED ENGINEER

James Burney was fined one dollar Friday for acting as engineer at the Eictoria mill without being cemsed. Factory Inspector Kenney ap paered for the prosecution and A.R was agreed that Burney should not Collapsible towers, adopted by the act as engineer until qualified accord



Mr. John Babington MacAulay Foreshores Baxter seems to have lost his temper completely at the meeting of the Royal Commission on Satarday. The reproduction of that \$500 check in the Telegraph was a solar plexis blow for him.



The Governor Says---

"Cut out tea and coffee, my boy. They contain an irritar.t--caffeine--and you can't have a fluttery heart or sour stomach or a grouchy headache and do big business.

It's a mighty good plan, if tea or coffee puts you "off color," to quit it, and for a delicious table beverage, use

POSTUM

the pure cereal food-drink. There is no caffeine nor other harmful substance in Postum.

In either form-Regular Postum which must be boiled [15c and 25c packages] or Instant Postum made instantly in the cup with hot water [30c and 50c tins]--

Postum is good in any business.

"There's a Reason"

CANADIAN POSTUM CERBAL COMPANY, LTD., WINDSOR, ONT.