

# NIAGARA 39,000 YEARS OF AGE

Canadian Expert Declares It Took 350 Centuries to Hollow Out First Three Miles.

WASHINGTON, D. C., June 15.—According to Mr. Spencer of the Canadian geological survey, the great spectacle of Niagara falls as we see it today has been about 39,000 years in the making.

Mr. Spencer, in common with other geologists who have studied Niagara, believes that originally the cataract fell into Lake Ontario over three steps or platforms, the first being thirty-five feet high and the third being at or near the edge of the lake proper, instead of seven miles back up the river as at present, says the Cleveland Plain Dealer.

It took the stream 35,000 years to hollow out the first three miles of the gorge, but only 4,000 years for the other four miles. This difference of time in these two stages of the erosion and of the cataract's recession of seven miles in all, is explained on the theory of a sudden and enormous increase of the volume of water, caused by seismic disturbance.

Formerly the Niagara river served as outlet to Lake Erie only. After the upheaval the waters of Lakes Huron, Michigan and Superior, which previously had debouched directly into Lake Ontario, were diverted by way of Lake Erie into the Niagara river, swelling that stream to six times its former volume.

Mr. Spencer's figures, of course, can be taken only approximately, as even contemporary authorities are at variance as to how far the falls of Niagara have receded during the last fifty years—some estimate making it 128 metres per annum, others 1.52.

Moreover, while the United States geological survey declares that the rate of recession of the falls has increased during the last fifteen years, the corresponding Canadian official report shows that the rate has decreased some sixty-six centimeters per annum.

### AT THE HOTELS.

**The Blanco**—G. S. Davis and R. T. Newton, Coquille; John Wilson, San Francisco; Theo Browley and daughter, San Francisco; Mrs. W. P. Clark, Beaver Hill; J. A. Allen, North Bend; Lura Austin, Glanada; J. Smith, Wedderburn; C. Ellington, Oakland; F. Karper and John Keller, Denmark; Mrs. G. V. Braubert, San Francisco; M. A. Simpson, San Jose; J. A. Bernstein, San Francisco; Dane Roberts, Empire; Mrs. A. Miller and Miss R. Miller, Bandon; Frank Wolf and Ida Wolf, Portland; W. A. Evans, Bandon.

**The Chandler**—C. Timmons, Astoria; A. S. Hammond, Coquille; H. W. Read, Portland; W. T. Moffett, San Francisco; E. J. Hromada, San Francisco; John Bangerter and D. W. McLoughlin, East Richmond; H. A. Sully, Berkeley; J. W. Hodge and wife, Kennett, Cal.; J. S. Hume and wife, Wedderburn; J. G. Reddick, Portland; Henry G. Ploeger, Myrtle Point; Fred Beer, Beaver Hill; H. Dunkley and wife, Portland; W. A. Newman and C. F. Wagner, Portland; S. B. Rathfon, Ulica, N. Y.

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# MANY VOTES IN CONTEST

Interest In Goddess of Liberty For Fourth Is Increasing.

Interest in the contest as to who shall be the Goddess of Liberty at the Firemen's Fourth of July celebration in Marshfield is rapidly increasing. Today, the judges were able to count only a part of the votes cast. So far as they counted, the candidates stood as follows: Uma Marsh... 110 Mabel Farrin... 105 Hattie Ferrey... 105 Helen Bradley... 102 Maud Painter... 100 Miss Nora Tower's name has been withdrawn by request of Miss Tower as she will not be in the city on the third. The name of Uma Marsh, Mabel Farrin and Maud Painter have gained a good number of votes.

### THAT SUMNER BASE BALL GAME AGAIN

The Times Correspondent Pours Oil On the Troubled Waters of Eastside—Better Luck Next Time

The "Summer Correspondent" having noted with regret that the brief account of Sunday's ball game recently given has been taken amiss by Eastside, "it" hastens to apologize and to assure the irate manager that the "Summer Nine" are in no wise responsible for the offending article, they having had no intimation that it had been written until it appeared in print. If memory serves aright, it was asserted that the Fairview nine were feet of feet, strong of arm, and true of aim, but since "fifteen of them" were so grossly negligent as to "miss the ball and hit the wind," we must concede the point, and admit that their aim was distinctly bad. On the other two points however, we speak with certainty for they certainly can run; and when a ball soars skyward and lands somewhere in the next county, there must be some strong propelling power behind it. And now Eastside don't take offense where none was intended, but cheer up, for you may have another session with redoubtable Fairview and it may be reserved for you to trail her banner in the dust.

And now a word of thanks for the Soldier Laddie who so kindly lent Sumner his aid last Sunday. We appreciate it and hope to see him again.

Also a word of encouragement for our home team, who sustain defeat so gracefully, and work so faithfully under adverse circumstances. Being scattered over the valley, principally on dairy farms where the working hours are many, it is hard for them to meet for practice as often as they should under the efficient leadership of Capt. Masters, however, we confidently expect great things of them in the future and when next they come upon the field there shall be no lack of red and green ribbon in evidence, nor any dearth of noise.

The world's entire supply of the oil of bergamot comes from a small section of Calabria, fronting on the Straits of Messina.

"CASTLEWOOD" at the P. K.  
Camp Stoves at MILNER'S.  
"CASTLEWOOD" at the P. K.

# WAGON ROAD TO COOS BAY

Dora Booster Writes About Mail and Stage Handling From Here.

DORA, Ore., June 11.—Editor Coos Bay Times: I have wished for some time since this "Good Roads" talk has been going on that I was able to write an article for your paper on same, but owing to lack of time I have not been able to do so but I'm going to send you a few hurried items now and if you can get them to any use in writing up an article I will be pleased to have you do so—if not, all the same.

I do not see much in your paper regarding this proposed change of mail routes and I've been wondering if the people of Coos Bay were asleep to the situation. Do they realize that this change will in place of bettering their mail service, put them a day behind.

Mr. Pease (the mail contractor), is at the bottom of the whole affair. He has worked unceasingly to get this mail route discontinued and is well satisfied with results.

It's true he took the contract at such a low rate that he claims he is unable with the increase in mail to give a good service. Well, that is his business—but it should be the business of the people of Coos Bay to see that he did do it.

There were other bidders on this mail contract that would have given a good service had they not been so much under-bidden by Mr. Pease, Mr. C. P. Barbard, who gave such an excellent service on the former contract bid on this one but at the same time stated he would not take it unless he could give a satisfactory service.

For a few instances, let me show you the different ways Mr. Pease manages this and the Middle Fork route.

He puts his best horses on the Middle Fork route, leaving the worn out ones for the Coos Bay road. Then if one gets down or anything happens to it, it is all laid to the impassibility of the road.

Since putting on stages, the contrast is very marked, the stage passing here every day is certainly a worn out dilapidated affair. It has no seat cushion when there are a few passengers, the driver gathers up a little straw, puts an old saddle blanket, or, what ever he is able to produce, over it and there you are—lucky to have a seat at all—but should you chance to complain you would be told all these discomforts were caused by its being such a poor road.

This road is being improved very rapidly, it is remarkable how much better its condition is than a few years ago.

The former contractor hauled loaded stages all summer both ways and every one was well satisfied.

The postoffice department at Washington when sending an inspector over this mail route seem to always pick out some man who has in all probability never seen a really muddy road before and as a matter of course thinks it something terrible.

Why, I have seen eastern people who actually were afraid to ride over these mountain roads at their best?

Haven't we any men out west here, who know what roads are and are capable of inspecting same? The last inspector that went through this way was actually unreasonable as to roads in this country.

Now if the people of Coos Bay let this mail contract cease and then let the Coquille Valley people get ahead of them and get the appropriation for the Middle Fork road they will have only themselves to thank.

Let them all unite and pull for the old Coos Bay road and the appropriation, too.

—DORA BOOSTER.

### CAT IS WISE.

Myrtle Point Man Utilizes Feline In Store.

The Myrtle Point Enterprise says: "The cat in W. O. Cooper's store is credited with value otherwise than that of a mouset. It has been noticed that one of its assumed functions is to entertain customers who are waiting their turn. It keeps an eye on the door and when a customer is compelled to wait the feline siddles up to the petted and usually attracts the desired attention until the clerks can give their attention to the customer. It takes the place of the floor walker in the large city stores."

# TO WAGE WAR ON RODENTS

(Continued from page 1.)

avorable opportunity to increase and become a pest.

The gopher of the pounce variety; has proven another destructive rodent. It has given the reclamation service much concern, and has been a serious menace to the maintenance of dams and embankments.

Complaints are constantly coming in to the department of agriculture concerning the damage done by rabbits. This applies especially to orchard trees, though various crops are attacked. The department recommends a lime and sulphur wash for trees as a remedy.

Ground squirrels are annually causing the loss of thousands of dollars by their depredations on crops. They are especially active west of the Mississippi river. In California, it has been found they are a source of grave danger because they carry plague germs. Recent investigations by the public health and marine hospital service prove that the ground squirrel is susceptible of plague and carries the germ of this dread disease, which, as in the case of rats, is communicated from human beings through the agency of fleas. It is estimated ground squirrels cause the loss of \$70,000,000 in crops annually. The biological survey has entered on a systematic crusade against them and has issued a bulletin giving directions for their extermination by poisoning and otherwise.

### FALLING SUNLIGHT HEAVY.

Weight on Earth's Surface 150,000 Tons.

LONDON, June 15.—"The pressure of sunlight falling on the earth's surface represents a weight of 150,000 tons," said Mr. A. S. Eddington, chief assistant at Greenwich Observatory, in a lecture at the royal institution, "but it is insufficient to make the earth budge a hair's breadth from its path."

This fact was used by the lecturer to explain the mystery of comets tails.

"The tail of a comet streams out in a direction nearly directly away from the sun," he stated. "It is not simply left behind by the comet; it is driven away from the sun."

"We are accustomed to regard the sun as the center of attractive force by which the planets are kept in their orbits, and comets' heads also move under the same law, but the tail particles of the comet do not seem to recognize this force. For them the sun behaves as a center of repulsion and urges them away."

"It was for long a great puzzle to understand how the sun can thus play a double role, but probably the most popular explanation is that which ascribes the streaming away from the sun to the effect of light-pressure. When radiation of any kind—sunlight or the heat from a fire—falls on a surface it exerts a pressure on that tending to drive it back."

Mr. Eddington added that the photograph obtained at Greenwich last year of Morehouse's comet formed a cinematograph record of the marvelous motions of its tail.

### HAVE SUMMER SCHOOL.

Many Will Attend Session at University of Oregon.

University of Oregon, June 15.—Indications point to the largest attendance of teachers that the University has ever had at the summer session which begins June 28th, running six weeks and closing August 5th. Announcement has just been made by Dr. H. D. Sheldon, dean of the session, that he has secured the services of Prof. Samuel B. Seward, Jr., of Stanford University, in English literature and rhetoric to take the place of Prof. Howe, who is unable to teach on account of illness. Prof. Seward has had much experience as a teacher in summer schools. The courses that he will offer will be in direct preparation for the August state examinations.

### HOW'S THIS?

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WALDING, KINNAM & MARVIN Wholesale Druggists, Toledo, O. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Testimonials sent free. Price 75 cents per bottle. Sold by all Druggists. Take Hall's Family Pills for constipation.

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Why Salves Fail While a Simple Liquid Has Accomplished Thousands of Cures.

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Such a liquid can be obtained by simply mixing ordinary oil of wintergreen with thymol, glycerine and other healing agents. This compound, known as D. D. D. Prescription, stops the itch instantly—and the cures all appear to be permanent. In fact, it took thousands of cures, case after case, before the best scientific authorities were convinced of the absolute merit of this remedy. D. D. D. Prescription kills the germs in the itching skin. Its effect is seen within one minute after the first application. We especially recommend D. D. D. Soap in connection with the treatment.—RED CROSS DRUG STORE, John Preuss, Prop.

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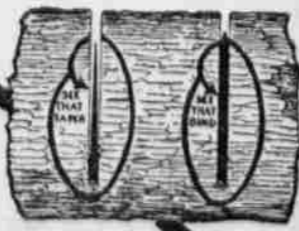
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