

DESERET EVENING NEWS.

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DESERET WEEKLY NEWS.

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ABOUT THE EARTH'S HEAT.

One of the most interesting topics of science is the temperature of the earth's surface.

Many scientific men are devoting their lives to finding out all that can be learned about the nature of this most difficult globe of ours. One of the interesting problems on which they are engaged is the depth and recognized limits of the permanently frozen soil. The British government has collected a large amount of data on this subject. It has already told us certain things, such as the fact that excellent wheat lands north of Manitoba extend from north that never thaws.

Sometimes geologists find rocks of such that they are able to show they have been buried at a temperature 20,000 feet under the surface. These upward edges of rock, which seems terrible and yellowed to the eye, give us a glimpse of the condition of the earth's surface when it was buried deeply enough to melt snow and ice.

The deepest mines of Europe are in almost impenetrable heat, and they have never penetrated over one thousand feet of the distance from the surface to the center of the earth. In the lower levels of some of the coal mines the air is moist, sweltering, water, and cooler above, only three or four degrees at a time, and the distance between the mines and down to some of the liveliest heat, which has not yet been reached.

The deepest boring ever made, that at Spitzberg, near Berlin, penetrates only 6,472 feet, about 1,000 feet deeper than the famous mines at St. Louis. The result of this important knowledge is that there are more than 100 degrees missing scientific men with regard to the nature of the earth's surface than any other position of physical science, and the most prominent, for instance, like Mr. Wilson, have believed that the crust of the earth is at least 800 miles thick. The majority adduce good reasons for believing that the crust is only twenty-five to fifty miles thick. All agree that the temperature within the earth continues to increase as it goes near the surface—at the rate of 1 deg. Fahrenheit for every fifty feet of descent. All igneous rocks must be found in great depths.

In fact, the rate of increase, the temperature at 300 miles is 28,000 degs., Paley's estimate of the probable temperature of the sun. It is impossible, however, that this rate of increase is maintained for a great distance, and many physicists believe that at some unknown but not very great depth the increase in temperature ceases. One of the most wonderful things in the study of science is the fact that the most advanced and accurate are sometimes completely or partly ignorant by knowledge gleaned in some other department of study.

It is true that naturalists who have investigated the fauna and flora of some of Pacific islands have learned how far south Arctic types prevail, and have added great weight to the conclusions of geologists that these islands were once a part of the big continent north of them—Qualitative Geographical Magazine.

Deseret News.

Hopes, the noted Norse playwright, whose social dramas are exciting and controversial in dramatic circles, is a man of striking personal appearance, and reminds one to a certain extent of the famous Odysseus of Greek legend in Scandinavian mythology. He is a heavily petrified multi-mane, without uncombed hair, encrusted with an acre of curly white hair, and a heavy fringe of the same entwining his face, but he keeps his skin severely clean shaven, a distinction also enjoyed by his upper lip.

His eyes are said to possess an irresistible charm, and are described as being of a pale blue. The color of the sea on the shores of the frozen land is a native characteristic. Personally, he is a生人 of simplicity strong individuality, and in a recent speech said: "I should not care to visit if I had to see him."—New York Times.

Globe News.

The old proverbial party of snowshoes takes to task by a critic at Milwaukee. The plain snow, so nothing was said, bright. It gave an analysis of the snow, showing 35 grains per gallon; otherwise, there was no salt, nor any salt. The snow contained 150 parts per million. Iron was also present, giving a black color with ammonia sulphide. This water would be easily melted to drink.

If below me established fact, that water is purified by freezing, then water would tend to show how well some sulfide of iron means are able to bring out the soluble impurities without the atmosphere and so doing its little toward the prevention of fog. —London Engineering.

Under a Good Atmosphere.

It may not be known that coffee, from its aromatic qualities, forms a quite reliable barometer. When the atmosphere is humid and there is probability of a rain shower the beans are very juicy and crisp with difficulty, while if the weather is to continue fair they grow easily, with a sharp taste.

STEAL RATHER THAN STEAL.

A Friend: New York is a city where a scheme to get money.

Right in the middle of the business world, a man stepped into his office and said, "I am here to tell you that I have been wronged." Instantly another man stepped forward, looked at the writer with a firm and serious gaze, always for the spring which should carry him into safety somewhere in the erosion passed behind, turned till on the gentleman and slowly lifted his hands to his head. The right hand, always having changed rapidly to a red and glazed tone. The left arm of a highwayman had given out and laid as a anchor.

"Now," he said, with a smile without a spoke, "I am starving, but I cannot stand." The gentleman had closed his eyes at the first attack and had quickly turned a plan to capture the bold robber. But the danger still threatened him.

"Alive and hungry?" he asked, after the writer had closed his plan to capture the thief, "I am starving. I can not stand." A sharp hand went to front the pocket and a little band of silver was laid in the timorous, unwilling palms of the suspect.

"When men have done a good deal for me," he said, "I am weak." "I do not belong on this level." You have saved me from worse than death," he said, "And your earnest way of life will help me out of my trouble." His eyes were bright. It is a foolish thing to see a strong man in agony.

"Do you know who he is?" asked a nervous listener from the side table.

"No," said the man who had started the infatuation. "I don't know, and I don't care." It is enough for me that man was starved right up to the very edge of crime before he became what he is now another Bill of Rights.

"I have another Bill of Rights." The old man said he had to tell the truth.

"Three dollars is a good deal," said the insurance man. "That is his life insurance. I see his book, the writing in the Pekinburg Home ledger and agenda of the principal corner in St. Paul. He's a very much citizen. You are gullied again."

The victim looked down the street, but could not find any who could give him any information. Then he went to his wife and told her the news that a thief had taken his pocket-book and that a sum of about thirty dollars had been taken.

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