

LIMITS OF THE UNIVERSE

How the remotest stars have been seen by human eye. Those of us who have always clung to the belief that this planet of ours has its position in...

The general form of this universe has been described to us. It is an enormous disk, the solar system being far from the center. This disk, inconceivably vast, has a diameter four or five times its thickness...

With the naked eye we can see about 5,000 stars, with a very powerful telescope we can see about 50,000,000, and there is no telling how many millions more there are unobserved.

Character of Thorite. Brigadier General A. D. Buffington, chief of the ordnance department of the army, in his annual report for the fiscal year ended June 30 speaks in terms of commendation of the new explosive, thorite.

The Life of Timber. Oak piling in salt water sometimes lasts no longer than nine years, but it has been known to survive 40 years. In fresh water its life ranges from 8 to 30 years, with an average of 20.

Dates in Arizona. While able to withstand considerable frost in winter the date palm must have a very dry and exceedingly hot climate at the time of the ripening of the dates.

Graduating Thermometers. According to the usual practice, the graduations on the thermometer scales and levels are marked by scratching the surface of the glass in some way at each point where there is to be a graduation, says Popular Science.

Why He Hurried. "Young man," said the old gentleman, "my daughter is too young to marry. A girl of her age cannot be sure of her own mind in a matter of such importance."

The vineyards of Italy cover nearly 8,000,000 acres.

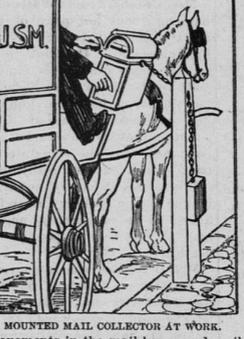
DANGERS OF KISSING.

Decay of the teeth, or, as we call it, caries of the teeth, says a dentist, "is due to the presence of bacteria. Bacteria can be conveyed from mouth to mouth by kissing. Therefore no matter how fine a set of teeth you have, if you kiss a person who has decayed teeth you will soon need my services."

At last he said in a manner which showed that he was nettled, but yet yielding. "Well, you won't let me off if I must. I'll give you the dinner scene from 'David Garrick.'"

How Hard Bees Work. Darwin after close observation found that a bee would often visit as many as 27 flowers in the course of a minute, though with other plants in which the honey was difficult to extract the average would be as low as seven.

Up to Date Mail Collection. Patents relating to improvements in postal facilities are one of the most prolific classes. These relate to improved methods of picking up and delivering mail from flying railroad trains, etc.



MOUNTED MAIL COLLECTOR AT WORK.

Improvements in the mail boxes and mail pouches, proposed methods of picking up and delivering mail from flying railroad trains, etc. Andrew L. Henry of Ladoga, Ind., has hit upon a startlingly novel arrangement in this already overworked field.

The Boston Boy's Diversions. "Emerson," said Mrs. Beaconstreet, "how did you comport yourself in the thoroughfare this morning with your new neighbors?"

How to Make Hair Grow. Balzer in the Semaine Medicale recommends lactic acid as a remedy for baldness. The bald part is to be rubbed with a 20 per cent solution of lactic acid until the skin becomes inflamed.

Patent Medicines in Mexico. Mexico may be behind in some things, but she has some unique laws relating to patent medicines. Dr. Walker Ellis says that in Mexico if a baldheaded man buys a bottle of hair oil on which there is a label stating that the preparation will restore hair on a bald head, if it fails to accomplish the job he can have the seller arrested and thrown into jail.

How Shrapnel Operates. Shrapnel shell is a beautiful and ingenious missile. It consists of a hollow, elongated shell, with a bursting charge at the base and filled with from 200 to 800 half inch bullets, according to the size of the gun. It is fitted with a time fuse, which is "set" to fire the bursting charge at a given number of seconds after the shell has left the gun.

Not a Violent Case. Mrs. Peck—Henry, what would you do if I were to die suddenly? Henry—Pray, don't talk of such a thing. I think it would almost drive me crazy.

Sothorn's Recitation.

Sir Edward Russell knew E. A. Sothorn, the actor, intimately and in his stories of "him." He tells many of his stories of him.

Hereditary Garments. Tommy—Pop, what is the meaning of "hereditary"? Tommy's Father—Anything that descends from father to son.

The Doctor Prescribes. Jimson—Doctor, I am getting too stout for comfort, and I want your advice.

Doctor—Nothing reduces flesh like worry. Spend two hours a day thinking of the unpaid bill you owe me.

Question is Unanswered. A correspondent from the hill has for some days been looking for the owner of a voice that claimed his attention at the telephone one busy morning.

The Voice—Hello, there! Is that you, Charles? Grocer—Yes.

The Voice—Have you any salt fish? Grocer—Yes. The Voice—Is it fresh? Grocer—Yes; came in this morning.

The Voice—Cod or pollock? Grocer—Got both. Which do you want? The Voice—Well, I don't know. Is the pollock good and dry? Grocer—Yes.

The Voice—Well, why don't you give it a drink, then? At this point the grocer brought the colloquy to a sudden termination with a remark that would be out of place in polite society and therefore unfit for publication.—Portland (Or.) Argus.

Mice as Food in China. The first thing which strikes the traveler in China upon his entrance into any of the many cities of the Celestial empire is the strings of dried mice which hang from the roofs of the houses suspended by their tails, just as sausages are hung in front of butcher shops in France.

Advice of a Druggist. "It is proper, I think, to let others know about the popular virtues of Acker's English Remedy for Coughs, Colds and Consumption. From the moment I began handling it, it sold rapidly, and my sales keep growing all the time as fast as people find out the value of it. The satisfaction it gives is universal. One of our best customers uses it and says it is the best thing for throat and lung troubles they ever saw."

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Seen in the Rough.

Tortoise shells as they are unloaded from the ships are far from beautiful. To be classed as rough they must be just as they were when taken from the tortoise's back.

MISCELLANEOUS. LEDGER'S CLUBBING RATES. Ledger and Daily Call, one year, \$7.50. Ledger and Weekly Call, one year, \$6.50.

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Corner Main and Court Streets JACKSON, CAL. D. DWYER, Proprietor. First-Class in Every Respect.

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Leaves Plymouth 6:30 a. m. Leaves Jackson 2:30 p. m. JOHN STEINER, Proprietor.

FOR SALE

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MISCELLANEOUS.

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