

### How We Go to Sleep.

"Order is heaven's first law," and the truth is manifested even in the process of going to sleep. When a man drops off to sleep, says the distinguished medical journal, his body does not go to sleep at once, so to speak. Some organs become dormant before others, and always in the same order. As he becomes drowsy the eyes close and the sense of seeing is at rest. It is quickly followed by the disappearance of the sense of taste. He next loses the sense of smell and then, after a short interval, the tympanum becomes insensible to sound, or rather the nerves which run to the brain from it fail to arouse any sense of hearing. The last sense to leave is that of touch, and in some hypersensitive people it is hardly ever dormant. Even in their case, however, there is no discriminating power or sensation what touched them. This sense is also the first to return upon awakening. Then hearing follows suit, after that taste, and then the eyes become able to flash impressions back to the brain. The sense of smell, oddly enough, though it is by no means the first to go, is the last to come back. The same gradual loss of power is observed in the muscles and sinews as well as in the senses. Slumber begins at the feet and slowly spreads up the limbs and trunk until it reaches the brain, and unconsciousness is complete and the whole body is at rest. This is why sleep is impossible when the feet are cold.

### Artificial Marble.

Nine-tenths of the marble-topped tables and so on—that I might call furniture marble—seen in this country, are made of artificial marble, said a man in the trade.

Thousands of tons of this even marble are made annually, and most men in the trade can scarcely tell the difference between the real and the false article, for the markings, or marblings, go wholly through the block, and are not merely superficial. The basis of the whole is a combination of limestone and chalk, which, chemically treated, can be made of any shade desired. The artificial marble in the rough is placed in a water bath, and upon this is sprinkled a sort of varnish, consisting of sesquioxide of iron, gum, and turpentine, and all manner of marbled designs are produced when the turpentine is broken up by the addition of water.

Any pattern of marbling can be produced to order. Once such pattern appears, the air is expelled from the block, and the colors are fixed by the immersion of the stone in sulphate and warm water baths, and then another bath of sulphate and zinc so closes up the pores and hardens the stone that it acquires the density of the natural article, and can be cut and polished in the same manner.—Ex.

### Who Can Answer?

The New York Evening Sun asks the following question, but wisely refrains from attempting to answer it:

"Why is it that, whereas only three of the seats in open street cars are reserved for smokers, women will persist in sitting in them, while others are empty?"

### A Syllabus of Monitors.

Here is the names of a syndicate trio that compose it, hated and abhorred by man and woman alike—Jeppetta, Hissomness, and Oatmeal.

Way to a tack and squelch these wretched no-noes! Take Hostetter's Stomach Bitters, and they will melt away like sugar on a hot iron. Beware of cheap imitations for profit's sake, leaving no trace behind. Beware of cheap imitations for profit's sake, leaving no trace behind. Beware of cheap imitations for profit's sake, leaving no trace behind.

### How's That?

We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.

Dr. J. C. White, Chas. Co., Prop., Toledo, O. We, the undersigned, have known Dr. J. C. White for many years, and know his medicine perfectly, and we are able to carry out any obligation made by him.

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### Are You Troubled?

Are you troubled with a cough, cold, or any other ailment? If so, you need a good remedy. Dr. J. C. White's Catarrh Cure is the best remedy for all such ailments. It is a powerful medicine, and will cure you in a short time. It is a powerful medicine, and will cure you in a short time. It is a powerful medicine, and will cure you in a short time.

### Out of Sorts.

That is the way you feel as a result of the headache, the nervousness, the irritability, the morose mood, the general feeling of uneasiness, and the many other symptoms of a disordered system. Get it right, and you will feel like a new man. Dr. J. C. White's Catarrh Cure is the best remedy for all such ailments. It is a powerful medicine, and will cure you in a short time. It is a powerful medicine, and will cure you in a short time.

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### OPPORTUNITY.

The key of yesterday I threw away. And now, too late, I find to-morrow's close locked gate. Helpless I stand—in vain to pray! In vain to sorrow! Only the key of yesterday Unlocks to-morrow!

—Priscilla Leonard, in the Outlook.

### A ROAD RACE.

BY LUKE SZABO.

It was generally called Old Scudamore, but the adjective was put there not on account of his advanced years, but probably because his temper was so bad.

It was true that Scudamore had a daughter nineteen years of age, but a man may still be in the prime of life and possess such a luxury.

Old Scudamore made things lively wherever he was, and the people of his neighborhood were usually afraid of him. When the bicycle came to its present state of perfection, pneumatic tires, and all the rest of it, Old Scudamore invested in one. He soon became as fleet as a wheelman as any man of his age.

It was said that Old Scudamore did not ride the bicycle for the pleasure of it, but merely because the machine allowed him to get over his estate swiftly and silently. Silence and speed were said to be the great attraction the bicycle had for Scudamore, because he could drop down suddenly upon any group of workmen on his place and find instantly whether they were attending to the business he paid them for, or whether they were "soldiering." A horse usually gave notice of its approach, while a bicycle did not. Scudamore's speed on his wheel soon resulted in an abbreviation of his name, and they called him "Old Scud," or sometimes "The Flying Scud."

Perhaps Scudamore's greatest triumph on his bicycle was his discovery of the lovers. He had taken a secluded path which ran through his estate. It was bordered on each side by trees which effectually screened the footway from all observation. He took this unaccustomed route, though the cycling was none to good on it, so that he might be more certain of coming unawares upon a group of laborers who were working at a drain beyond the further end of the path.

As he came to a turn in the footway he was surprised to see ahead of him two young persons walking together—two young persons of opposite sex. As he approached silently, he was amazed to find one of them was his own daughter, and the other the impetuous young cashier of the County Bank. He remembered that Wednesday afternoon was a half holiday at the bank, and thus the young fellow had had an opportunity of quitting the counting of cash, that was not his own, for the courting of the daughter of the man who was the largest depositor in the bank.

Old Scudamore brushed his teeth in rage and nearly fell off his bicycle as he realized that the young man was probably there because his knowledge of the affairs of the bank gave him an indication of the wealth of the girl's father. He could think of no other reason for a young man coming from town to walk in a secluded spot with a pretty girl.

Old Scudamore cycled slowly and silently behind them for some time, listening to their conversation, and he was alongside the young man before either of them noticed his presence. The great value of the girl, that it can keep its own counsel. The girl gave a slight shriek when she realized that her father was beside her, but the young man kept admirably cool.

"Are you aware, sir," said Scudamore, "that you are trespassing?"

"I'm afraid I am, Mr. Scudamore," said the young fellow, "in more senses than one."

"You are a scoundrel!" cried Scudamore, "and if I ever catch you on this path again I will have you horse-whipped to the village. Meanwhile I will see the manager of the bank and have you discharged. I suppose you know enough of the affairs of the bank to be aware that I have sufficient influence for that purpose."

"Yes," said the young man. "I know that you have; still, I had thought of retiring from the bank on becoming your son-in-law. I thought you might perhaps want an energetic young man to look after your estate, for everybody says that if you keep on the way you are going, you won't have a man left on the place."

"You impudent villain!" cried old Scud, "in a rage. I'll teach you to talk to my betters in that fashion. Edna, you go home, I'll talk to you later on."

The girl was very much afraid of her father, and though she looked appealingly at him and cast a frightened glance at the young man, she obeyed, and walked toward the house.

"Now, you young jack-a-napes," said old Scud, "do you know what I am going to do? I'm going to hand you over to the police for trespassing on these grounds."

"I believe," said young Sherwin, "that you are just idiot enough to do a thing of the kind. Of course, you can't make yourself the talk of the country-side more than you are now, but you can, at least, raise a scandal by handing me over to the police, and mixing your daughter's name up in it."

### AGRICULTURAL.

#### TOPICS OF INTEREST RELATIVE TO FARM AND GARDEN.

A GOOD MUTTON CARCASS.

A good mutton carcass must have short legs, a broad back, heavy shoulders and thick meat on the ribs. The fat is mixed among the lean, and the result of good feeding all the time, and not mere finishing to lay fat on the ribs outside of the meat and to make inside tallow.—New York World.

#### THE MILK TESTER.

The English agriculturist is slow to take advantage of modern scientific discoveries and inventions. Even the cream separator, the principle and utility of which are universally understood, has not yet come into general use in this country. As for the milk tester, its very name is unknown to thousands of British farmers. Yet the value of this simple and inexpensive appliance to every one who owns milk cattle is incalculable, and its employment is doing more to advance the dairying industry in America and elsewhere than perhaps any other separator itself.

The dairyman who has no tester merely knows the quantity of butter his cows produce in the aggregate; he has no clue as to the value of each individual cow in the herd. With the tester, on the other hand, he knows exactly how much butter each individual cow produces from every gallon of its milk. By this means he is enabled to cull his herd, replacing poor butter producers by good ones, but the annual monetary returns of the two animals show a wide margin of difference. Moreover, a good butter cow produces good butter stock, and so, from his knowledge acquired from the use of the milk tester, the breeder of dairy stock is enabled to select the proper calves to rear and the proper ones to reject.

In the way it becomes perfectly possible, as has been actually done on farms in Vermont and elsewhere in the United States, to grade up dairy herd from an average production per annum of 150 pounds of butter per cow to an average of 300 pounds per annum. With these figures before him, even the layman will grasp the value of such an invention to each individual farmer who uses it. But let us reflect what are the money advantages of the system when spread over the 1000 farms that contribute to each creamery as that of St. Albans, Vt.; what the gain to the whole of that great dairying State; what the enhanced profit to the vast dairying industry of America. Were the milk tester in universal use throughout Great Britain and Ireland the capitalized value of our dairy herds might be increased in a few years' time fully twenty-five per cent. If, then, the British farmer does not eagerly avail himself of such an invention can he fairly grudge at being ousted from his own markets by his foreign competitor?—Westminster Review.

#### THE CLOVE TREE.

Probably every living plant has some insect or animal that lives on it or from it; some creatures subsist on the leaves of one plant, some on the leaves of others, some gnaw the bark, and a few make use of all parts; but man consumes and destroys an immense variety of vegetables and various products. Fruit flowers, leaves, roots, buds, bark and stems of different plants are selected in turn. The clove which we use as a spice is the flower bud of a tree that is native of the Molucca islands.

The clove tree is one of the myrtle family of plants. It attains a height of some forty feet, and in its native place lives to an age of from 100 to 200 years.

The clove tree is now cultivated on many of the islands of the Indian Ocean, but it is no where grows so large or lives so long as on the small group of islands where it was originally found. It has a trunk quite straight, with a light, olive-colored bark, and at about half its height it puts out its branches almost at right angles and they bear a heavy mass of foliage, the leaves being narrow and resembling those of the laurel. The general appearance of the tree is quite formal, and that of an almost perfect cone supported by a straight stem.

The trees in the plantation are set in regular rows, from ten to fifteen feet apart each way. The flowers are formed in terminal clusters of a dozen or more. The flower buds are picked when fully formed and before they open, and are spread out thinly in the shade and dried where no rain can fall on them. They are dried partly by the natural heat of the air and partly by wood fires. When first picked they are of a reddish color, but turn brown in drying.

The fruit is a berry and is gathered when green and then dried, after which it is known as mother cloves and is sent to some extent to this country and Europe, but is principally used in China and other Eastern countries. The ripe fruit in size and shape resembles a small olive, and is of a dark red color and contains one or two seeds. It has the clove flavor in a mild degree, as have also the bark, the wood and the leaves, none of them, however, being equal to the bud in this respect.—Detroit Free Press.

#### Bicyclist Chased by a Cow.

Wheelman McAllister left Fort Jervis, N. Y., for a ride to Stroudsburg, Penn. He had completed more than three-quarters of his journey without accident of any kind, and was riding leisurely toward Marshall's Creek, when he came in sight of three cows. In a few seconds he had passed the animals and was going along. He heard the sound of hoofs behind him, and turning around, saw a cow coming after him at a furious rate.

Tired with his long ride in the sun, the wheelman could not sprout and the beast soon caught up to him. Getting alongside the bike, she lay with her leg, smashing the front wheel. She then tried to push the rider off his wheel, lacerating his leg in bad shape. The man managed to break away and get to a place of safety, leaving the cow with the wheel. The animal tried in vain to get the machine up with her horns. After several ineffectual attempts she gave a contemptuous snort and ran off after her companions.

When the eloping couple reached the top of the hill where the Borderer's Arms stand, three miles from the bridge that leads into Scotland, the old man was but a mile behind them, trudging up the hill as stubbornly as any apparition could ever be. The young man stopped the horse at the door of the public house.

"Good gracious!" said the girl, "you are not going to stop here?"

"Yes," said young Sherwin. "Don't say a word. I will explain it all later," and he dashed into the public house, where he acquainted the bar-maid by asking if she could empty bottles.

"Yes, sir," she said.

### Royal Baking Powder

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ABSOLUTELY PURE

#### FACTS THAT ARE PECULIAR.

The tongue of a common snail is set with 30,000 toothlike points.

The raven is the only bird found native in every country in the world.

Latest geological calculations make the earth 1,528,730,000 years old.

The frog, owing to his peculiar construction, cannot breathe with the mouth open.

Authorities on chess declare that the game was known to the Chinese in the year 174 B. C.

Professor Draper says that the descendants of a single pair of wasps may number as high as 20,000 in one season.

#### Why It Failed.

"No, our union social was not a success."

"Union social? What is that?"

"Why, all of the girls stand up in a row and one of them is selected to take a bite out of an onion. Then the young men pay 10 cents a guess as to who ate the onion."

"Yes."

"And if he guesses right he gets to kiss all the other girls."

"I see."

"And the girl who bit the onion kisses all the fellows who guess wrong. And that is where the row began. All of the girls wanted to be the onion girl. More fellows guess wrong than right, you know."—Cincinnati Tribune.

#### The Great Question.

Modern Maid—I wish some advice. Old Lady—Certainly, my dear. What is it?

Modern Maid—Shall I marry a man whose tastes are the opposite of mine, and quarrel with him, or shall I marry a man whose tastes are the same as mine, and get tired of him?

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When onions get ripe their tops break down, and they should be pulled and carefully dried and stored away, or wet weather may cause them to make a second growth of rot, either of which would spoil them.

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