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Malaria is responsible for half the deaths of all mankind, according to an English physician.

It is said that two-thirds of all the cotton duck produced in the world is made within twenty miles of Baltimore, Md.

Dr. Barnuch recently told the New York Academy that less drugs and more hygiene ought to be used in the cure of the sick.

A table showing the monetary system of the world has been prepared by Director of the United States Mint Preston. The statistics show that the aggregate stock of gold is \$3,582,605,000; silver, \$4,042,700,000, and uncovered paper, \$2,635,873,000.

It is stated by the Chicago Herald that an American house has concluded a contract for 2,500,000 tons of Japanese coal, to be delivered at San Francisco in the course of the next ten years.

The American Farmer admits that the New Zealanders are more progressive than we are. They have passed a law giving women, married or single, all the rights and privileges of citizenship.

The effect of a newspaper paragraph may be far-reaching in its legal consequences sometimes—especially in France. M. Cornet, overseer at the West of France Engine Works, was severely attacked in the columns of a railroad newspaper L'Echo des Chemins de Fer (English, "The Railway Echo").

In his annual report Brigadier-General Carlin, commanding the Department of the Columbia, says that the experiment of making the Indian a soldier is a decided failure so far as his experience goes, and he has recommended the discharge of the few Indian soldiers now in his department, less than a company.

The varieties of sleigh bells this season will be larger than ever, announces the Chicago Herald, and manufacturers will cater more to luxurious tastes. As one can now pay \$50 or more for a whip, so bells can give \$40 for a body strap of bells.

That grand being, the American heiress, specially created for the relief of embarrassed nobles, says the London Spectator, has attained almost to the summit of her ambition. She has not won a throne yet, though she may, if the King of Serbia is a wise man; but she has almost approached that surpassing altitude.

Did she know all he meant? Her face was downcast and averted. Reginald, however, was staring full at him, and Craig's inward chafing intensified. "Say, you want to make a trade?" Reginald demanded. "I got a k'lidoscope, and I'm sick of it. I want a printing press. 'Cause you haven't got any, but if you'll buy one and give me, I'll give you my k'lidoscope and mebbe fifty cents or so besides. Say, 'I'll buy it, Arthur?'"

LITTLE ALL-ALONEY.

Little All-Aloney's feet Pitter-patter in the hall, And his mother runs to meet, And to kiss her toddling sweet, Ere perchance he fall.

Little All-Aloney's face It is all aglow with glee, As around that romping place At a terrifying pace Lungeth, plungeth he

Though his legs bend with their load, Though his feet they seemed so small That you cannot help forebode Some disastrous episode

Ab, that in the years to come, When he shares of Sorrows store, When his feet are chill and numb, And his heart is sore;

REGINALD.

ARTHUR CRAIG tossed his cigar away and strolled around to where a red-and-blue hammock was slung between two oak trees, in the big lawn which was the great attraction of the steepest summer hotel—though it was summer no longer; there was an autumn scent in the soft air.

But Lucy Winslow was staying here still, with her brother's wife and her little nephew; therefore Arthur Craig stayed on also.

She was sitting in the hammock, with little Reginald beside her. Reginald always was beside her; their fondness for each other was great. It had been a source of affliction to Craig all summer.

He told himself that he wasn't jealous of Reginald, but if a fellow could get a chance to see a girl alone once a week or so, it would be a relief. Late in the afternoon he had particularly wished to see Miss Winslow alone.

"Hello, Arthur!" said Reginald. "Oh, Reginald," said his pretty aunt, fushing, "say Mr. Craig!" "That fellow that was down here to see him called him Arthur, and I'm going to," said Reginald.

"You're a good boy," said Reginald. "You're a good boy, that's all." "Lucy laughed softly. "It is a beautiful thing, Mr. Craig," she said. "Enjoyed every word of it."

"You—you saw the passage I marked?" "Craig's face was flushed and eager. "Yes!" Lucy murmured. "She looked closely at Reginald's sailor-hat, in her lap."

"I'll tell you, Arthur," said Reginald, swinging his little little legs, "if you'd rather take me down to Murphy's and buy me twice-cream sodas—chocolate first and then strawberry—instead of taking me out in the boat, w'y, you can—it won't make any difference to me."

"Oh, Reginald!" Lucy begged, with a distressed laugh. "Now, that is magnanimous!" Craig responded. He wondered if his hearty wish that Reginald was somewhere else was apparent? "I think I'll accept that alternative. That passage I marked, Miss Winslow—I didn't do it idly. There comes a time in a man's life when he feels a—love like that for some woman."

SCIENTIFIC AND INDUSTRIAL.

Clouds are on the average about 6000 yards in thickness. American tools are far better than those of European make.

The largest fish known to science is the basking shark, an enormous but harmless variety. A steel ship has been constructed in Cardiff, Wales, with the standing rigging, as well as the hull, all of steel.

The largest known species of night-flying insects is the Atlas moth, a resident of the American tropics, which has a wing spread of over a foot.

Human hair varies in thickness from the 250th to the 600th part of an inch. The coarsest fiber of wool is about one 200th part of an inch in diameter; the finest only the 1500th part.

South American ants have been known to construct a tunnel three miles in length, a labor for them proportionate to that which would be required for men to tunnel under the Atlantic from New York to London.

Many larvae of beetles and other insects are used for food; the bee flies honey and wax, the cocoon manna and cochineal, the Spanish fly a blistering drug, the gall insects an astringent, and the silk worm an article of dress.

In Japan there are now twenty public electric companies in operation. Further companies are proposed, and there is a considerable demand for electrical engineers. Nearly all of the companies are conducted by Americans.

A New England firm is introducing an automatic gas lighter for street lamps, which works on the principle of an eight-day clock. It is explained that the only attention the lighter requires is a weekly winding of the clock movement, and that it lights the lamp at the required time and extinguishes it at daybreak.

Safety matches that can be used without a box are to be placed on the English market by a German inventor. The idea is to tip the two ends of the wood separately with those compositions which in the ordinary way go one on the box and the other on the match. To use, break the wood across the middle and rub the ends together.

An agent of the Suez Canal Company has invented an apparatus to split the electric lights that illuminate the canal into two divergent streams, one sending out rays one way, the other in the opposite direction. This enables ships to approach each other and meet with perfect safety.

A physician points out that fat people endure most kinds of illness much better than thin people, because they have an extra amount of nutriment stored away in their tissues to support them during the ordeal.

At a recent State fair an inventor exhibited a machine that he had constructed for converting grapes into sugar and syrup. Experts who witnessed the operation and others affirm that the process is a complete success.

The experiments were mostly confined to Muscat and other sweet grapes known to carry a large amount of saccharine matter. Heretofore the difficulty has been in granulating grape sugar. But by this new process it is claimed that granulation is perfect.

Tombs of the Danish Kings. In the resting place of the old kings of Denmark, the Cathedral of Roskilde, a recent visitor notes that there is a column against which a number of monarchs have been measured, and upon which their different heights are recorded.

One of them is Peter the Great, and we learn by this means that the shipwright Car measured no less than eighty Danish inches, equivalent to something like six feet, ten inches in our measurement.

Lucy queried suddenly, after ten minutes of glowing happiness. "Reginald came and told me, according to this authority, was just a trifle over seven feet English. The Car, Alexander III, is about six feet one inch, and is about a couple of inches taller than Christian IX of Denmark, and about four inches taller than King George of Greece, neither of whom, nevertheless, is what would be called a short man. It is worth noting that in the same ancient cathedral where this column is to be seen, Saxe Grammatius, the Danish historian from whom Shakespeare borrowed practically the entire plot of 'Hamlet,' lies buried.—London News.

Sewing in Public Schools. The course of study in sewing in the Boston public schools is interesting for an instance of sewing to consider. To read of "thimble, emery, scissors," set off neatly as articles of study, and to gaze upon a printed curriculum of "basting, backstitching, overcasting, half-backstitching and combination of one running and one-half backstitch," is to realize most intensely the advantages Boston offers to her daughters.

In the fourth year are taught, among other things, stocking darning, straight and bias felling, whipping and sewing on ruffles, hem-stitching, blind stitching, tucking if not taught previously, gathers over-handled to a band, sewing on hooks and eyes and buttons, eyelets, loops, and in the fifth year there is a system of dress cutting by which girls are taught to take measures, draught, and fit a dress waist.—Boston Transcript.

Gas For Cooking. While electricity is trenching so seriously upon the field of gas lighting, any recent application of gas which leads to an extension of its consumption is of importance to gas producers. Some foreign companies seem to have done this quite successfully in at least one direction.

At the recent Dundee meeting of the North British Association of Gas Managers one member, Mr. J. Ballantyne, of Rothsay, stated that the company had gained an increase of consumption of at least forty per cent. in about six years, due to cooking by gas among its customers. The gas company furnishes the cookers to its patrons at a rental of ten per cent. of the list cost price per annum, which charge also includes putting them in, taking them away and keeping them in order.

About eleven per cent. of the customers are supplied. His and other companies have not only found this a profitable part of their market, but it has the added advantage of being nearly a daylight consumption, thus tending to equalize the demand on the plant.—Engineering Record.

BIRTHPLACES OF FOODS.

THE NATIVE LANDS OF THE VARIOUS GRAINS AND FRUITS. Most of Them Have Evolved From a Wild State—The True Home of Indian Corn—The Cherry's Origin.

THE grains and fruits used as food by man originated in different latitudes, and first existed in a wild state some being indigenous to the tropics and some to temperate zones. As they became improved and differentiated they were distributed in different countries according to their utility and the spread of agriculture.

A similar remark may be made of rye, one of the less valued cereals, which is a native of the temperate zones, and spread thence toward the South. It is supposed to have been unknown in India, Egypt and ancient Palestine, and though it was more or less used by the ancient Greeks and Romans, it was from the north of Europe that they received it.

Nearly all the grains now in use are of unknown antiquity. Wheat was cultivated in eighty-six latitude as far back in the past as we have authentic knowledge. Barley is thought to have originated in the Caucasus, but it was known and used everywhere in the most ancient times.

Oats, like rye, was unknown in ancient India and Egypt and among the Hebrews. The Greeks and Romans received it from the north of Europe. Had there been an early civilization on this continent the wild oats found here and there would probably have developed into the useful cereal now considered absolutely essential for the proper nourishment of horses. This continent is credited with having given Indian corn to the old world, but this useful cereal was doubtless known in India and China many hundred years before the discovery of America.

Cotton was used for making garments in India as early as 6000 years ago, and was introduced at the fact is mentioned by Aristotle. The first seeds were brought to this country in 1621. In 1666 the culture is mentioned in the records of South Carolina. In 1736 the culture was general along the eastern coast of Maryland, and in 1776 we hear of it as far north as Cape May. The use of flax for making clothing is nearly as ancient as that of cotton, and perhaps more so, plants of soft and flexible fiber having been without doubt among the first vegetable productions of the ancient world and their practical value discovered soon after the invention of weaving.

The cherry in its improved condition is of Persian descent and is an other fruit that might have been improved from our wild varieties had our civilization been contemporary with that which preceded Egypt and Babylon in the valleys of the Tigris and Euphrates. Peaches, plums and cherries were all known to the ancient Greeks and Romans.

The apple, the most useful and satiate fruit of all the fruits of the temperate zones, has been known from time immemorial. It originated from some of the hardy wild species that are found sometimes almost as far north as the Arctic circle. It is a fruit that like the cold, and is found in the greatest perfection in parts of New England, New York and Michigan, where the winters are severe. As it approaches the equator it loses its finest taste, while still preserving its beauty. It is a notable fact that, owing to care in the culture, and in part to a preference for the climate, all the fruits mentioned in this list are found of better quality in Europe and America than in the localities where they are thought to have originated.

The oranges of India, Burma and Ceylon China are also little tasteful and those of Malaga scarcely better. The best grown in Spain come from the region of Valencia, where they have been introduced at a comparatively recent date. So of the cherries, apricots and peaches which have attained a perfection in Europe and America of which the ancient Persians never dreamed. All these fruits appear to increase in size and improve in flavor in latitudes where the winter is sufficiently severe to check the growth of the tree and give it a needed rest.

It could not be expected, for the reasons alleged, that America, inhabited until a recent date by savage tribes only, should furnish to the world products that require thousands of years of care and culture to give them their perfect development. The potato, however, is an invaluable boon conferred by the new world on the old. The tomato is also of South American origin, and though it plays a much less important part in alimentation, it is an article of food that Americans would not willingly part with. As to the fruits in common use, though America has done much to improve them, there is not one of them of which it can reasonably claim to be the place of origin.—San Francisco Chronicle.

In Brazil not one per cent. of the male or female servants will sleep in their master's home. They insist on leaving at the latest by 7 o'clock in the evening and will not return before 7 or 8 in the morning.

WISE WORDS.

Love gains every time it is tested. Home is the fortress of the virtuous. The truthful man is dead; been dead a long time.

The real ruler of the man is within him, not without. The man who throws a stone at another hurts himself.

It is time wasted to argue with a doubt. Kick it out. It's the youngest man who thinks he has the least time to spare.

The whisper of a slanderer can be heard farther than thunder. There is no good quality which does not become a vice by excess.

A woman is seldom quite so happy as when she is thoroughly miserable. Finding fault with another is only a roundabout way of bragging on yourself.

Some people are kept poor because they will not believe it is blessed to give. The man who is afraid to look his faults squarely in the face will never get rid of them.

No man is perfectly consistent. He who is nearest consistency steers the crookedest course.

The Ethics of Weariness. In a lecture at Cambridge, England, on the subject of "Weariness," Professor Michael Foster said undue exertion was exertion in which the muscles worked too fast for the rest of the body. The hunted hare did not become exhausted because he was choked for want of breath, not because his heart stood still, but because he was choked for want of breath, not because his heart stood still, but because he was choked for want of breath.

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THE SILENT BATTLE.

Shall I tell you about the battle That was fought in the world to-day, Where thousands went down like heroes To death in the pitiless fray?

You may know some of the wounded And some of the fallen when I tell you this wonderful battle Was fought in the hearts of men.

Not with the sounding of trumpets, Nor clashing of sabers drawn, But, silent as twilight in autumn, All day the fight went on.

And over against temptation A mother's prayers were cast That had come by silent marches From the lullaby land of the past.

And over the field of battle The force of ambition went, Driving before it, like arrows, The children of sweet content.

And memories old and olden Came up through the dust of years, And hopes that were glad and golden Were met by a host of fears.

And the heart grew warm and weary And said: "Oh, can it be That I am worth the struggle You are making to-day for me?"

For the heart itself was the trophy And prize of this warring fight! And tell me, O gentle reader, Who camps on the field to-night? —Alfred Ellison.

HUMOR OF THE DAY.

Kisses are the coupons of love. Don't be a valet to your hero; it may disgust him.

The most lovable of dumb animals is a good listener.—Puck. After all, the love knot is the top-knot on the head of human happiness.—Puck.

A cynic observes that the most popular air with the girls these days is a millionaire. A girl will never forgive a fellow whom she has jilted for making a success of life.—Puck.

When a man gets a hearing in court, he is likely to hear something that he doesn't like.—Puck. It is the man who wears Congress gaiters who wonders how the shoe-string sellers make a living.

She told the young man oftentimes She really couldn't love him: Six feet, she; but five feet, he.—Of course she felt about him.—Detroit Tribune.

Solemn Stranger—"All flesh is grass." Deaf Man—"Hey?" Solemn Stranger—"No, grass."—New York Press.

The bulldog has a pretty tight grip in this world, though he often escapes trouble by the mere skin of his teeth.—Truth.

Ganson—"Another increase in your family, eh? Son or a daughter?" Bilbee (gloomily)—"Son-in-law."—Kate Field's Washington.

"I've come out of this tight squeeze in pretty good shape," said the new half-dollar, fresh from the stamping machine.—Chicago Tribune.

"Man wants but little here below," But 'tis this fact that daunts— He's sure to get a little less Than the little that he wants.—Washington Star.

Some of the fashionable schools are making world-wide reputations by teaching the young lady students to spell their names wrong.—Galveston News.

In the American Colony: She—"Is Miss Bond engaged to Prince Sanson?" He—"Not exactly. He has an option for ninety days, I believe."—Harlem Life.

When a woman has quail for dinner she wants to invite in a neighbor, so the neighbor may know it, but a man doesn't want anybody there but himself.—Acheson Globe.

Customer (in bookstore)—"I would like to get some good book on faith." Clerk—"Sorry, sir, but our rule is to sell nothing to strangers except for cash."—Buffalo Courier.

Miss Newcomb—"Seems to be rather a good year for fruit, Giles? Are all your trees as full of apples as that one?" Giles—"Oh, naw, miss, only the apple trees."—Judy.

He had a sorrel trotting-horse Which was so pesky slow He named him Ginevra, after a white, Because he wouldn't go.—Detroit Free Press.

Van Noodle—"D'yer know, Miss Tugboat, that old duffer Chapwitt called me a muff the other night?" Miss Tugboat—"Indeed? Why, I think you more closely resemble a bo."—Brooklyn Life.

Jack (who has popped)—"It takes you a long time to decide." Nettie—"I know it; and I've about concluded to wear a demi-train of white chiffon over white silk and have no braids-made."—Texas Sittings.

Mrs. Billis (after the company had eaten those preserved fruits. They were not intended to be eaten. They were put on the table to fill up.) Johnny Billis—"Well, that's what I used 'em for, mamma."—Chicago Tribune.

Two cabmen a short time ago had a fishing match for half a sovereign and drinks. Suddenly one of the juries fished he had a bite, and, being over-anxious, had the misfortune to fall into the river. On his regaining the shore, his rival shouted out: "All bets are off, Jim; none of yer divin' in after 'em."—Tit-Bits.

Landgraaf is the only one of the old Fentonic titles that survives. It was invented in 1330 by Louis of Thuringia, to distinguish himself from the crowd of Grays who filled the German courts.

Millico's standing army numbers 44,000 men, or about double that of the United States.