

MEDICAL RESEARCH.

Romance of the Discovery of the Cause of Malaria. In the history of research are many romances. Of the discovery that malaria was caused by mosquitoes, it is related how Dr. Low and Dr. Sambon lived in the malarious Roman Campagna without quinine. They retired at sunset to a mosquito proof hut, with double doors and windows of wire net, and they did not leave until sunrise. The fact that they remained immune, while the attendants, sleeping outside, contracted malaria, confirmed the belief that the mosquitoes were responsible. But how did they carry the disease? At first it was thought to be by water. To settle the question live mosquitoes which had bitten infected persons were sent home and two members of the school submitted to be bitten by them. They both went down with malaria. Again, how did the mosquitoes transmit the germ? By cutting sections of the proboscis the malarious parasite was found. It breaks through the skin of the proboscis and is transmitted at the time of the sting. From the first conjecture to the final proof was a series of careful experiments, ending with the slicing of the mosquito's proboscis. Now, this is finer than fine hair. It is necessary to stop to think. For it is easier to imagine the triumph of the proof than the delicate operation that produced it.—London Standard.

LIGHTING BY GAS.

It Was a Costly Process When It Was First Established. The first incorporated gas company was the National Light and Heat Company of England, established in 1809. In America the first gas company was incorporated in Baltimore in 1816, the second one in Boston in 1822, and the next one was the New York Gaslight Company, incorporated in 1823. Prior to 1830 the gas business of this country was nominal, but the price probably was responsible for its slow development. From 1824 to 1828, says Moody's Magazine, the New York Gaslight company sold gas to consumers at the rate of \$10 a thousand cubic feet. The first artificial illuminating gas was produced in England about 1792 by one Dr. Hales, but not until 1790 was a practical test made. In that year the Earl of Dundonald of Scotland arranged an apparatus by which he lighted his castle with gas. The same year William Murdoch of Birmingham, England, introduced gas as a light in his workshops at Hedruth and Corwall. As Mr. Murdoch was the first man to reap any commercial benefit from the discovery of the use of illuminating gas, he may properly be accredited as the father of modern public utilities. In 1813 London bridge was illuminated by gas, and five years later gas was in general use throughout the main part of London.

Red Letter Days.

The origin of a "red letter day" has been traced back to the third century. Gregory, bishop of Caesarea, zealous for the conversion of pagans, found them unwilling to give up their customary recreations at the festivals of their gods, so taking a leaf out of their book, he instituted festivals in honor of saints and martyrs. This example soon led to the institution of holy days, now corrupted into holidays. In old almanacs all such holy days were set forth in red ink, the rest being in black; hence the term "red letter day" for any notable occasion. Others say that the origin of the expression is much more recent and is due to the fact that Saints' day, the 5th of November, the king's birthday and accession and King Charles' day were successively marked off in red as holidays for the Bank of England, evidently in the times of the later Stuarts.—London Telegraph.

Political Antipathies.

Political antipathies today are seldom carried into private life. In the past just the opposite was the rule. "Coke of Norfolk" once stated that when he was a child his grandfather took him on his knee and said, "Now, remember, Tom, as long as you live never trust a Tory," and he used to add, "I never have, and, by George, I never will." G. W. E. Russell, too, tells of an eccentric maiden lady whom he knew in his youth who, having spent her life in the innermost circles of aristocratic Whiggery, always refused to enter a cab until she had extorted from the driver an assurance that he had never carried cases of infectious disease, that he was not a Fusayite and that he was a Whig.—London Graphic.

A Resourceful Community.

"We didn't know what to do about Plute Pete," said the Crimson Gulch citizen. "He was a real good fellow, but he would be careless about shooting up the populace." "Did you straighten out the matter?" "To some extent. We elected him sheriff, thereby makin' it look a little more legal."—Washington Star.

Breaking It Gently.

Young Wife—Tomorrow will be my twenty-fifth birthday. Hubby—Why, a year ago, just before our wedding, you told me you were twenty. Young Wife—Yes, but we women age rapidly after marriage.—Boston Transcript.

A Bad Cold.

"There are two stages in a bad cold," averred Uncle Allan Sparks. "In the one stage it affects the man that's got it, and in the other it affects everybody else."—Chicago Tribune.

REVIEW'S LEGAL BLANKS

The following list of legal blanks are kept for sale at this office and others will be added as the demand arises: Warranty deeds, Quit Claim Deeds, Realty and Chattel Mortgages, Satisfaction of Mortgages, Contracts for Sale of Realty, Bills of Sale, Leases. All these blanks at the uniform price of 30c per dozen.

QUEER DEFINITIONS.

An Early Eighteenth Century Interpreter of Hard Words. Bailey's Universal Etymological Dictionary, with the subtitle, "An Interpreter of Hard Words," was first published in London in 1721. Most of its definitions are eccentric, and some of them incredibly so. Here are specimens plucked at random: Man—A creature endowed with reason. Thunder—A noise known by persons not deaf. Lightning—A meteor. A Rainbow—A meteor of divers colors. Weapon Salve—A sort of ointment which is said to cure a wound by being applied to the sword or other weapon that made the wound. Balloon—A football; also a great ball with which noblemen and princes use to play. Cow—A beast well known. Milk—A food well known. Peacock—A fine bird. Elephant—The biggest, strongest and most intelligent of all four footed beasts. Medlar—A fruit which is grateful to the stomach, but is not ripe till it be rotten. Snow—A meteor well known in northern and southern climates, especially beyond the tropics. Mouth—Part of the body of a living creature. Eye—An instrument of death.

HELPED THE BOYS.

A Letter That Aroused King Christian of Denmark. King Christian of Denmark once found in his morning mail a letter which moved him more than did most matters of state. The letter was in a boyish scrawl and read as follows: Dear King—We are four boys at Flakkebjerg school, and the master whips us daily with a piece of steel rope he found in the harbor. If he doesn't stop there will be a fire. The name of the teacher being given, the king ordered him to report at once to the minister of justice, while he took the next train for Flakkebjerg and examined the class in the teacher's absence. The children, unawed by the presence of the cruel teacher, told their grievance to the kindly old king, who promised immediate relief, closed the school for the day and ordered that the boys be treated to chocolate and cakes at his expense "to remember him by." But he did more than that. On returning to Copenhagen he dismissed the cruel teacher without pension, at the same time giving a general warning to all teachers to be chary of corporal punishment. "If boys cannot be trained without cruel beatings," the king said, "then there must be something the matter with those who train them. The coming generation must not be made ruffians by ruffianly teachers."

Isle of Wight.

The Isle of Wight inhabitants are not alone speaking of "going to England" when they leave their own fragment of the kingdom. A patriotic Cornishman also "goes to England" when he crosses the Tamar. Similarly inhabitants of the Balkan peninsula talk of "going to Europe" when they leave their own corner of the continent—in curious contrast with the people of our own island. We regard ourselves as both of and in "Europe," and accordingly it is only "the continent" that we visit. The record in the splendid isolation line is probably held by that minister of the Umbraes, in the Clyde, who prayed for a blessing upon "the inhabitants of Great and Little Cumbræ and the adjacent islands of Great Britain and Ireland."—London Graphic.

The Tower of Famine.

The Torre della Fame, or Tower of Famine, was noted for its gruesome history. It once stood in Pisa, Italy, but there are now no traces of it. Count Ugolino della Gherardesca, whom Dante immortalized, was the head of the Guelphs, and because of his tyranny and accredited attempts to place his country in bondage he was antagonized and finally conquered by the chief of the Ghibellines, who imprisoned him, with his two sons and two grandsons, in this tower, the slow method of starvation being employed as the manner of their death. The door of the tower was locked and the keys thrown into the Arno.

The Holy City.

Medina, the holy city, triumphed long ago over all the rivals in various parts of the world which bore the same name, which means simply "city." Notable among them were the old capital of Malta and Medina Sidonia in Spain. The Arabian city was originally known as Yathrib, but owes its later name, El-Medina (the city) or Medinat Rasul Allah (the city of the apostle of God), to the Koran. To a good Mohammedan there is only one city "with a big C."

Inside and Outside.

The following report was sent by a subordinate inspector to his chief in the telephone service. It concerned a faulty house connection: "Found wire with no outside outside. Put inside wire outside and outside inside. Need more outside for outside."

Learning.

Wear your learning like a watch, in a private pocket, and do not pull it out and display it merely to show that you have one. If you are asked what o'clock it is, tell it, but do not proclaim it hourly or unasked, like the watchman.

The wrongdoer is never without a pretext.—Italian Proverb.

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UNEXPLORED CANADA.

Vast Areas Where the Foot of a White Man Has Never Trod. There are vast areas in Canada of which even the government has no definite knowledge, and there are thousands of square miles where the foot of a white man has never trod. Practically all knowledge of this big wild country has been secured again and again along a few chosen and well worn routes, outside of which investigation has seldom gone. Imagine a dozen or so well beaten vehicle highways traversing a country one-fourth as large as Europe—narrow highways hemmed in by impenetrable wilderness—and one may form some sort of idea of the little that is still known of 600,000 square miles of the North American continent. Along these routes nearly all "explorers" have gone. Along them are situated most of the fur posts, and beyond their narrow lines but little is known. And in this world of forest and ridge mountains and eternal desolation, still buried in the mystery and silence of endless centuries, are its "people." Approximately there are from 15,000 to 25,000 human souls in an area fifteen times the size of Ohio, and there are no more than 500 of these who have not some Indian blood in their veins. On the other hand, fully one-half of the total population has its strain of white blood.—Leslie's Weekly.

RAILWAYS IN SPAIN.

Their Methods Are Not Those of the Steamship Life. A Spanish railway seems an excellent place for a rest cure. "I remember," writes Mr. S. L. Bensusan, "when going on a short journey in Andalusia, the train that carried me stopped at a short junction. While we were at rest here, after some hours of travel at the rate of at least twelve miles an hour, the driver uncoupled his engine and proceeded down the line with it in the direction we were not to take. The passengers walked contentedly up and down, smoked countless cigarettes, ate oranges, resisted the importunities of boggars. At last I became uneasy and asked where the driver had gone. "Pedro has run down the line on his engine to take a birthday gift to his mother, who lives over there," explained the station master; "he is indeed a good son and will not trust his parcel to the post. Spain is full of thieves." And when the good son had come back from his mission he restored the engine to its proper position and we re-entered the train, which went on its journey after three-quarters of an hour's delay."—London Graphic.

The Monkey and the Book.

A story is told of an eminent naturalist (I forget his name) who was hoping to develop the intelligence of a monkey to whose education he was devoting himself. One day he saw with delight that the monkey was sitting at the other end of the room turning over the leaves of a valuable book on entomology and looking at the plates with apparent interest. But on going nearer he saw, with dismay, that the monkey was turning over the plates in order that when he came to a particularly large beetle or butterfly he might pick it out and eat it. As the paper could not have had a nice taste, I think he may have been actuated rather by the fun of the thing than by a mere depraved appetite. Perhaps he was verifying the like method of learning among the philosophers of Laputa.—London Spectator.

Fame and the Editor.

Fame, so difficult a possession to obtain, lies oftener than one usually thinks in the power of the press. Oscar Browning in his interesting "Memories of Sixty Years" tells how Fox, then editor of the Monthly Repository, settled the fate of Robert Browning's "Pauline" when it first appeared by the mere word "abandoned." The explanation given is that "a single line was required to complete the page, and the editor, taking up the first book on which he could lay his hand and thinking it insignificant and pretentious, described it as I have stated above." Oscar Browning declares that the poet said "that by this accident his public recognition had been delayed for twenty years."

Napoleon's First Love.

The little French town of Auxonne is not associated in the popular mind with Napoleon; but, as Miss Betham-Edwards reminds us in "Unfrequented France," he spent some years of his childhood there. "In the Saone he twice narrowly escaped drowning, and here, too, as narrowly, so the story runs, marriage with a bourgeois maiden called Maneca. Two lively counters bearing this romantic name in Napoleon's handwriting enrich the little museum."

Could Be Useful.

"Mamma says that if you could make up your mind to go into papa's business, Arthur, he would very likely consent to our engagement." "But, my darling girl, I'm a poet." "That doesn't matter. You could write advertisement rhymes for our stuff."—Fliegende Blätter.

His Talent.

"Is he a great artist?" "No." "But he gets good prices for his stuff." "Yes. He's a great salesman."—Exchange.

The past, like an inspired rhapsodist, fills the theater of evanescent generations with her harmony.—Shelley.

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