

SOME FACTS BRIEFLY STATED

Dr. B. J. Jeffries holds that the three primary colors are red, green, and violet; that blindness to violet is rare, and that color blindness is practically confined to red or green.

According to the latest results of the finest instrumental tests an electric signal travels at the rate of 16,000 miles per second.

The largest room in the world unbroken by pillars is at St. Petersburg. It is 620 feet long and 120 wide. The roof is a single arch of iron. To light it 12,000 wax tapers are used.

The juice of the curious ink-plant of New Granada requires no preparation before being used for writing. The color is reddish when first applied to paper, but soon becomes a deep black, which is very durable. This ink is now used for public records and documents.

If a chicken-bone be left in dilute muretic acid several days it may be tied into a knot, since the acid has dissolved the lime, leaving nothing but cartilage and connective tissue. If a bone be burned it becomes light, porous and brittle, the lime alone remaining.

Nearly 4,000 miles of underground telegraphic cable has been laid in Germany, crossing seventy rivers, and seven or eight miles is laid under water. Most of the cable contains seven wires and the rest four.

A German chemist has obtained a new link between the vegetable and animal kingdoms in the shape of an animal gum closely resembling the plant gums in its physical and chemical properties.

Forty-five years ago the Britannia was considered a remarkable ship. She was 207 feet long, and her tonnage was 1,155. The new Cunard vessel just launched at Glasgow is 520 feet long, and her tonnage is nearly 8,000.

A curious discovery was made recently when a lightning-rod which had been in place fifteen years embedded in soft clay was removed. There was found attached to it a solid lump of iron ore weighing ninety-six pounds, supposed to have been produced by the conversion of the clay by the action of electricity.

Every plant begins life like an animal—a consumer, not a producer. Not until the young shoot rises above the soil and unfolds itself to the light of the sun, at the touch of whose rays chlorophyll is created, does real constructive vegetation begin. Then the plant's mode of life is reversed; carbon is retained and oxygen set free.

The pearls of commerce found in the mantle of some mollusks are similar in structure to the shell; but what is the innermost layer in the shell is placed on the outside in the pearl, and is much finer and more compact. The pearl is formed around some nucleus, as an organic particle or grain of sand.

"Delta metal," discovered by Alexander Dick, of London, a combination of zinc and iron, is said to be as much superior to brass as steel is to iron. It is very tough, showing a tensile strength of sixty-two tons to the square inch when drawn into wire of twenty-two gauge. It does not tarnish as easily as brass and takes a high polish.

A tunnel, measuring about 5,000 feet long and constructed at least nine centuries before the Christian era, has just been discovered by the Governor of the Island of Samos. Herodotus mentions this tunnel, which served for providing the old seaport with drinking water. It is completely preserved, and contains water tubes of about ten inches in diameter, each one provided with a lateral aperture for cleansing purposes. The tunnel is not quite straight.

Dr. Martin, of the Salpêtrière Hospital, Paris, has made a series of observations, stretching over a period of years, on nervous affection among the children of alcoholic drinkers. In eighty-three families in which one or more members showed nervous excitability, traceable to alcoholic origin, there were 410 children. Of these, 108, more than a quarter, had convulsions; and in the year 1874, 169 were dead, 241 were still alive, but 84, more than one-third of the survivors, were epileptic.

Swimming birds, which constitute about one-fourteenth of the entire class, form one-half the whole number in Greenland. As we approach the tropics the variety and numbers of land birds increase. Those of the torrid zone are noted for their brilliant plumage, and the temperate zones for their more sober hues but sweeter voices. India and South America are the richest regions. Hummers, tanagers and orioles are restricted to the New World. Parrots are found in every continent except Europe, and woodpeckers occur everywhere save in Australia.

European Liberty.

That was a remarkable confession for a continental newspaper made by the Vienna Tagblatt, when it said: "The last days of England's power would be also the last days of European liberty." It has been the boast of the aggressive Anglo-Saxon race wherever it has pushed its conquests with the sword that it has also carried the love of liberty with its wonderful language and history. But this has seldom been recognized on the continent of Europe. "We must be free or die," exclaims Wordsworth, "who spoke the tongue that Shakespeare spake; the faith and morals hold which Milton held." And it is undoubtedly true that the sentiments and morals of liberty stirring in the peoples of the continent of Europe are fostered and encouraged by the freedom that daily breathes through the English and American press. Constitutional liberty is the watchword of the English-speaking people wherever they go. The

magna charta and declaration of independence are the bulwarks of the rights of two kindred peoples, and they are the beacon lights to other nations steering through despotic, autocratic, and revolutionary dynasties to a government by and for the people. But without a people aware at once of their rights and responsibilities under popular constitutions, their adoption brings no true liberty. In England and America to-day the people who do the fighting and pay the taxes make war; in France glory and frenzy force war, and on the continent generally the parties who command the armies and levy the taxes play with war.

A French Convict Story.

In Louis Philippe's time the last transportation of convicts to Cayenne took place. One of the most celebrated of the gentlemen forgers of the day was, I believe, the very last. His name was Gatebourse, a stock-broker, who had plunged deep into all the swindling speculations of the day, and had ended by committing forgeries to an enormous amount upon the Banque de France. The man had a chateau and horses and carriages, and when the police went to arrest him he was steering about in his own pleasure boat upon his own lake in his own park. Gatebourse was tried, and condemned to transportation for life. He was taken to Cayenne, where he lived until a few years ago, when the history of his horrid death reached Paris. The unhappy wretch, in his endeavour to escape, had been devoured by the violent crabs that swarm along the shores of the settlement. Haras d by fatigue he had lain down upon the sand, and the dreadful creatures had swarmed in thousands around him, tearing and rending the body until nothing remained but the cleanly-stripped skeleton, which lay bleaching the sun for weeks before it was discovered by the police sent in search of the runaway. It was this adventure which caused the abandonment of Cayenne as a place of punishment. The experience of sending the young reconvicts to the settlement will be a dangerous one, as the outcry amongst the convicts will be re-echoed by the ignorant portion of the philanthropists, who scruple not, however, to despatch magistrates, consuls, and gendarmes to a place where they hesitate to send the burglars and assassins who are rendering the city of Paris far more dangerous to inhabit than the pretended fever-stricken colony of Cayenne.

Every Woman Knows Them.

The human body is much like a good clock or watch in its movements; if one goes too slow or too fast, so follow all the others, and bad time results; if one organ or set of organs works imperfectly, perversion of functional effort of all the organs is sure to follow. Hence it is that the numerous ailments which make woman's life miserable are the direct issue of the abnormal action of the uterine system. For all that numerous class of symptoms—and every woman knows them—there is one untailing remedy, Dr. Pierce's "Favorite Prescription," the favorite of the sex.

"No," said the smart pig, just before butchering time, as he declined the farmer's invitation to come up to the trough and have something, "no, I thank you kindly; but where there's a will there's a way."

A Strong Endowment

is conferred upon that magnificent institution, the human system, by Dr. Pierce's "Golden Medical Discovery" that fortifies it against the encroachments of disease. It is the great blood purifier and alterative, and as a remedy for consumption, bronchitis, and all diseases of a wasting nature, its influence is rapid, efficacious and permanent. Sold everywhere.

A gentleman once asked Dr. Abernethy if he thought the moderate use of snuff would injure the brain. "No, sir," was Abernethy's reply; "for no man with a single ounce of brain would ever think of taking snuff."

Premature decline of power in either sex, however induced, speedily and permanently cured. Consultation free. Book for three letter stamps. World's Dispensary Medical Association, Buffalo, N. Y.

Caucasian Tramp: "My colored friend, please lend me a quarter; I fought, bled, and suffered four years in the union army to make you a free man." Colored gentleman: "You did your duty, sah; but 'bout leaning you dat quarter, don't keer, sah, to revive de bitter memories of de wah."

One of the sights of the City of Hamilton is the factory in which the celebrated "Myrtle Navy" tobacco is made. Some people may suppose that putting up plugs of tobacco must be a very simple matter, but a walk among the ponderous and complicated machinery of this establishment would speedily undeceive them. Here are hydraulic presses, screw presses, iron frames, all of enormous strength, besides a steam engine and many other pieces of machinery.

"For heaven's sake! can the newspaper paragraphers never let up on the mule joke?" asks an excited critic. Certainly. They should endeavor to avoid jokes that critics would regard as personal to themselves.

"I understand that you have stopped practicing," said the Secretary of State to an eminent colored physician. "Yes, sah, 'cluded to gin up de trade an' go ter preachin'." In dis country dar ain't no money ter be made in de practicin' ob medicine. Wy, sah, of I had er voted my time ez close ter suthin' else ez I hez ter dis business, I would er been pretty well off by dis time. Ober two-thirds of my patients neber paid me, sah. "Why didn't you sue them?" "Twouldn't done no good, 'case dey wuz dead, sah. I got the wus class o' patients. None of dem neber had no health an' constitution."

Home Testimony.

Many hundred recommendations similar in character to the one given below have been received, and give proof of the great value of Polson's NERVILINE as a pain remedy. Try it.

ATHOL, Feb. 20.—We hereby certify that we have used Nerviline in our families, and have found it a most reliable remedy for cramps in the stomach, also for headache, and externally for rheumatic pains. No house should be without this invaluable remedy.—LUKE COLE, ELISHA COLE, J. P.

"Johnny," said an editor to his hopeful, "are you in the first class at school?" "No," replied the youngster, "I am registered as second-class male matter."

Imitation!

Is the weak man's inspiration and the highest point ever reached by a numerous class in the community. Without the ability or perseverance to work from an independent basis, they cling like barnacles to ideas emanating from others and with perverse blindness believe them to be their own. Now that explains why that widely known and much appreciated remedy—PUTNAM'S PAINLESS CORN EXTRACTOR, has a dozen or more imitators; not having sufficient merit in themselves unprincipled dealers, for a larger profit, palm them off on unsuspecting and confiding customers as "just as good," &c. Beware of all such, and use only Putnam's Corn Extractor. Sure, safe, harmless. N. C. Polson & Co., Kingston, proprietors.

"Milkman, why does your milk always look so blue," inquired the housewife. "My cows came from Boston, mum," proudly replied the milkman, "and they're blue-bloods."

Important.

When you visit or leave New York City, save Baggage express and Carriage Hire, and stop at the GRAND UNION HOTEL, opposite Grand Central Depot. 600 elegant rooms fitted up at a cost of one million dollars, \$1 and up per day. European plan. Elevator. Restaurant supplied with the best. Horse carriages and elevated railroads to all depots. Families can live better for less money at the Grand Union Hotel than at any other first-class hotel in the city.

Jones—"Did Smith tell you any of his stories last evening?" Fogg—"Lots of them." "And were they related?" "Exceptionally well. Most of them were related to the antediluvian period."

Young Men—Read This.

THE VOLTAIC BELT Co., of Marshall, Mich., offer to send their celebrated ELECTRO-VOLTAIC BELT and other ELECTRIC APPLIANCES on trial for thirty days to men (young or old) afflicted with nervous debility, loss of vitality, and all kindred troubles. Also for rheumatism, neuralgia, paralysis, and many other diseases. Complete restoration to health, vigor and manhood guaranteed. No risk is incurred as thirty days' trial is allowed. Write them at once for illustrated pamphlet free.

A life-long Republican who thought he saw which way the cat was going to jump, carried a transparency in a Democratic procession, and now wags office. That won't do. The dodge is too transparent.

Catarrah—A New Treatment.

Perhaps the most extraordinary success that has been achieved in modern science has been attained by the Dixon Treatment of catarrah. Out of 2,000 patients treated during the past six months, fully ninety per cent. have been cured of this stubborn malady. This is none the less a triumph when it is remembered that not five per cent. of the patients presenting themselves to the regular practitioner are benefited while the patent medicines and other advertised cures never record a cure at all. Startle with the claim now generally believed by the most scientific men that the disease is due to the presence of living parasites in the tissues, Mr. Dixon at once adapted his cure to their extermination; this accomplished the catarrah is practically cured, and the permanency is unquestioned, and is remembered by him four years ago are cured still. No one else has ever attempted to cure catarrah in this manner, and no other treatment has ever cured catarrah. The application of the remedy is simple and can be done at home, and the present season of the year is the most favorable for a speedy, and permanent cure, the majority of cases being cured at one treatment. Sufferers should correspond with Messrs. A. H. DIXON & SON, 305 King-street West, Toronto, Canada, and enclose stamp for their treatise on catarrah.—Montreal Star.

A. P. 226.

THOS. GALLOWAY & CO., Cotton, Woolen, Silk Carpet and Worsted Shuttle Makers, Dundas, Ont. FARMS FOR SALE, CHEAP.—All kinds.—JOHN J. DALEY, Guelph.

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How it can be accomplished—see particulars 3c. Sanitary Pub. Co., Canadian Depository, Toronto, Can.

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