

Healthy Mothers Have Healthy Children



For mothers and prospective mothers the greatest help can be found in Dr. Pierce's Favorite Prescription and Golden Medical Discovery...

Natural Pipe Line.

While some workmen in Bath, Maine, were quarrying stone they uncovered at a depth of about twenty feet a water conduit about three feet wide and two feet high.

Poetical Burmese Belief.

This is a belief of people of Burma. Dorothy Dix says that the Burmese believe that the soul, in the form of a butterfly, leaves the body while we sleep.

Trustful Doris.

"Your husband is wild about you, isn't he?" asked Phyllis. "Yes," replied Doris; "he raves about me in his sleep, but the poor absent-minded fellow nearly always calls me by the wrong name."

Talkers' Word Records.

A rapid and experienced talker making a speech on a subject which he fully understands will speak at a rate of about 8,000 words an hour.

Spoken Word Best.

Those who speak in public are better heard when they discourse by a lively genius and ready memory than when they read all they would communicate to their hearers.—Exchange.

Need to Know One Another

There is nothing wanting to make all rational and disinterested people in the world of one religion, but that they should walk together every day.—Swift.

Son to Be Proud Of.

An old lady's son was working in the city. The youth, being very dutiful, sent his mother a telegram informing her of his success in passing an examination. "Good boy, my Clarence," she told a friend; "look how beautifully he has learned to type-write lately."

Name Is Misnomer.

So-called camel-hair paintbrushes are not so named because they are made from hairs out of the camel's skin. They are made from squirrel's fur and were first made by a man named Camel, whose identity has been completely lost for many years.

Look Yourself Over, Old Boy. If you're not satisfied with your lot in life, think before you send her back to her mother. Perhaps your question in her market isn't what you put it at.—Wall Street Journal.

Wrigley's Spearmint Gum advertisement with image of the product and text describing its benefits for dental health.

THE PRODIGAL'S RETURN

By JAMES F. DWYER

"IT COMES to every wanderer at some time in his wanderings," said Galt, looking out through the dirty window of Bhatto Ghan's street alley restaurant at Singapore. "It comes to every one of us drifters, and when the voice is strong enough we strike the home trail."

"Ay, ay," murmured Maloney, a little red-headed Irishman, who acted as agent for a Jew firm at Calcutta. "It's right you are, Sandy. There is no such person as a cosmopolitan," growled the big Scotchman. "I thought I met one once when we were jerking a trestle bridge over a stream up at Simla, but he was a fraud. He left us one night, and when I went round to his bungalow in the morning I found a little scrap of paper stuck in the thatch. It just read: 'Come home to England.' Yes, by the ax of Bruce, that was all—not another word. And that sun-tanned devil had been telling me month after month that he had neither home nor country."

"Ay, ay," chanted Maloney. "I've said the same, bad luck to me." "I cursed him over-right, the Lascar serang," continued Galt, "but that old monkey-faced nigger told me to stop. 'His mother looked at him last night,' said he. 'His mother is in England. It don't matter,' squeaked that old bag of bones, 'his mother has been seeking him for years, and last night she looked into his eyes as he slumbered, and he has gone to her. It is always so, sahib. Some day the mother's eyes will find them if they sit on the rim of the earth, and when they see her in their dreams they go back.'"

Galt banged his glass upon the century-old table, and when Bhatto Ghan had delivered the drink, a silence fell upon the group. The hot sun turned the street puddles into vapor masses that floated upwards, thick and stifling, and the voices from the cafe chantant came through in intermittent blasts as if they had seized favorable moments when the air was clear.

"There were five in the party, and no man was within three thousand miles of his birthplace. It was Maloney's recital of an attempt he made to reach Cork that had caused the Scotchman to make his observations. The little Irishman had shipped as a stoker on a big P. O. boat at Melbourne, but the red months in the bow's cabin, the ship had eaten up his home-longing before he reached Colombo. There, Maloney deserted, and deferred the pleasure of revisiting Queenstown till his pocket could pay for superior traveling accommodation.

Presently Meehlin shifted his long legs and knocked the ashes from his pipe. "That's right about the voice," he said, with the air of a man who knows that his assertion is incontrovertible. "I know all about the voice. I struck Wellington, New Zealand, in 1900; rode down on a leaking wind-jammer from Vancouver, and the voice found me the moment I was on the quay. One of the New Zealand Steamship company's boats was just getting ready to buck across to Sydney, and the voice made me buy a forty-shilling steamer ticket an' hike aboard. Every mile of that trip the voice got to whispering stronger. 'Jimmy,' it said, 'you haven't seen yer old mother for seven years—seven years, just think of it. Never mind about yer stepfather, Jimmy, don't think of yer little differences with him. If he kicks yer again, like he did before, don't take no notice of him.' That was the tune it sang to me. Oh, yes, Galt is Johnny-on-the-spot when he gives lingo about the voice. It gets you all right. The one that called me was a sort of two-thousand-mile radius voice. While I was buzzin' about up round Seattle I didn't hear it, but the moment I struck windy Wellington, it fairly poured into my sound accumulators, and before we sighted Sydney Head I couldn't get any sleep at nights because it kept reproaching me for stayin' away too long.

The moment I tumbled on the wharf, the voice swirled me up George street to the railway station. I bought a second-class ticket for Bourke, and then went across the road to get something to eat before the western mail pulled out for its run to the Darling. I couldn't eat; felt as if I had a balloon in me inside, so I came back and cursed the porters until we swung out. All the way up in the train that voice made me sick with joy. The old bare gutters, the t-tree scrub, the gray plains, the dusty drivers, every bloomin' thing got tuggin' at me heart strings, an' when I got out at Bourke I felt all sore round the ribs like as

climbers, and when used in an upright position as a ladder, each rung was strong enough to support a concentrated weight of 300 pounds. This great strength was due to the direction of the grain and the system of layers of wood of which the hollow sticks were made. The same principle is being applied for the construction of hollow spars for racing yachts and for airplanes.

Spruce wood is saved into planks less than one-quarter-inch thick, then bent around steam-heated mandrels to the form of cylinders. The bent planks then are built in the requisite number of layers around a wooden core and the layers glued together with water-tight glue. When the core is withdrawn, there remains a hollow spar that is far superior in strength and weather-resisting qualities to a solid stick. Proportioned correctly, a hollow spar of one-third the weight is as strong as a solid spar of the same size.

Experts of negative film for the last 11 months reached a total of 8,492,645 feet compared with 6,321,870 feet for the corresponding period last year.

Hollow Wooden Tubes as Portable Bridges

At the highest altitudes ever reached on earth, members of the recent Mount Everest expedition crept across crevasses of inconceivable depth on the rungs of a portable ladder. Of the many unusual bridges in the world, there is probably none possessing strength as great for its weight as the remarkable ladder bridge carried by these daring explorers.

The bridge was made especially by an English firm for use at altitudes of 25,000 feet and upward, says Popular Science Monthly. In view of the difficulties of transport at these tremendous heights, it was essential that it should be extremely light and easily carried. To meet these requirements it was constructed of hollow wooden spars, put together with hinges in three sections, each of which could be used as a separate unit. Extended full length, the bridge measured 18 feet and weighed only 45 pounds.

Stretched at full length, the bridge could support two fully equipped

ROAD BUILDING

WATER ESSENTIAL IN CURING ROADS

While as little water as possible should be used for the mix in highway construction, it is essential that a sufficient quantity be used for curing. An important item therefore in the construction of good quality pavements is water in quantities to meet the needs of the contractor.

Water is needed for three primary purposes: Wetting the subgrade, mixing the material, and curing the pavement. The quantity required naturally varies with the progress made, weather conditions and other factors peculiar to each job. In general, a supply of from 12,000 to 15,000 gallons per day for each 100 lineal feet of 18-foot pavement constructed will be sufficient. This is assuming an equivalent depth of about one inch for curing and wetting the subgrade and a maximum amount for mixing water of eight gallons for each bag of cement used. The total quantity required for each 100 lineal feet of 18-foot pavement will, therefore, be approximately 300 gallons for wetting subgrade, 2,000 gallons for mixing, and 10,000 gallons for curing (assuming a specified curing period of 14 days).

For each additional 100 feet of pavement an equal amount will be needed. The rate at which the supply is to be delivered depends upon the speed with which the pavement is being placed. Few contractors require more than 50 gallons per minute and this amount is usually ample for the average job.

The size and length of the pipe line is as much a factor in determining the rate at which water will be delivered as is the pumping equipment. A table of friction heads for various size pipes will show, for example, that a new 2-inch pipe delivering 50 gallons per minute has a friction head of 5.6 feet for each 100 feet of length, while a 2½-inch pipe delivering the same amount of water has a friction head of only 1.86 feet per 100 feet of length. For old, rusted pipe, from 25 to 50 per cent should be added to the friction loss and allowance must be made for fittings and angles.

Generally, a pipe line having a friction head of more than 5 feet per 100 feet is too long and uneconomical and a larger pipe should be substituted. A long pipe line with a high friction head imposes a heavy duty on the pumps and it is frequently necessary to install a booster pump along the line when the available pipe line is of small diameter.

By making a study of this important subject of water supply for a job, the inspector can often render valuable assistance to the contractor and guard against delays and unpleasantness due to lack of water for curing.

Construction of Roads in Arkansas Progresses. The cost of building roads is always an important item of the year and the yellow waters, their masts, like gigantic fingers, beckoning to stay-at-home folk to whom the trail had never called.

Historic English Clock. Who would dare to attach a price ticket to a timepiece which was given by Henry VIII to Anne Boleyn? It rests in the chapel retiring room at Windsor, and apart from its bracket, looks exactly as it did when Anne joyfully received it on her wedding day.

Bret Harte's Headache. Bret Harte was once lecturing at Richmond, in Virginia, and on the morning of his arrival had such a terrible headache that he would cheerfully have died there and then. He went for a walk accompanied by the person who was to take the chair at his lecture. The latter told him that Richmond was a very beautiful place, that the death rate averaged only one per cent.

Favor Better Roads. The popular demand for better roads reared its head recently when the governor of Kansas, working with the highway commission, issued an appeal to state bankers for a loan of \$38,000 to meet a current federal aid fund allotment, which the legislature had failed to appropriate. The first letters were addressed to bankers of small Kansas towns and villages. In the executive mail the day after the first appeal went out to small banks came offers totaling \$111,000.

Michigan Builds Plant. In its search for a more economical as well as a more durable type of highway the state of Michigan has installed a state asphalt plant and has begun the construction of asphaltic concrete highways on gravel or macadam foundations. The Michigan highway department's first asphaltic pavement was laid in 1910. It is a one-half-mile stretch of the Gulf Lake highway, running from Richmond southwest to Kalamazoo.

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DAIRY

MOST ECONOMICAL PRODUCER OF FOOD

Although the statement that the dairy cow is the most economical producer of human food of all the different classes of live stock, is a fact, it does not hold true for each individual cow. The one most important factor in profitable milk or cream production is the ability of the individual cow. It does not matter what breed you own a what family within the breed, there are always certain individuals that are more economical producers than others.

Earliest Anesthetic. Ether was the earliest-known anesthetic. It was discovered probably as far back as the Thirteenth century. For a long time it was supposed to contain sulphur, and hence the name "sulphuric ether" was applied to it. Its true composition was established by Saussure (1807) and by Gay-Lussac (1815). Later Williamson explained its formation and chemical constitution.

Gets Revenge. Madame Amed Abdullah thought all the women in Constantinople were in love with her son. So she consulted a fortune teller, who gave her a concoction of garlic, water, mud and boiled shoes to throw upon all the beautiful women in the city. Madame Abdullah was arrested after hurling the magic mixture at one attractive woman near her son's home.

Lead Roofs Need Attention. The leaden roofs of some of England's old churches, a heritage from medieval times, occasionally have to be melted down, rolled over and then replaced. The lead itself is indurated, but it has been found that at the end of every 200 years the metal should be recast to give the best results as a roofing material.

Graft Vegetables. Experiments in the grafting of vegetables and flowers by French botanists have resulted in the creation of new species, have prolonged the lives of many plants, and have intensified the perfume of many flowers. Potatoes that grow on branches above the ground are among the results of the experiments.

Humanity's Debt to America. In 1830, according to the Department of Agriculture, three hours of human labor were required to produce a bushel of wheat, and now it takes ten minutes. Farm invention, largely American, is one of the "greatest contributions to human ease and well-being in the last century.

Disputed Honor. Some authorities give credit to the U. S. S. Vincennes, a sailing frigate, as the first circumnavigating the globe, making the trip in 1829-1830. Other authorities credit the United States frigate Potomac, which made a continuous cruise around the world from 1831-1834.

Many Sought Growsome Post. On the last occasion that a vacancy occurred in the position of public executioner in England the home secretary received no fewer than 756 applications for the post.

Temperance Exemplified. It is as much a part of true temperance to be pleased with the little that we know and the little that we can do with the little that we have.—Ruskin.

Seems Like Good Idea. The best way to get even with a man is to pay him what you owe him.—Exchange.

Church's Solid Foundation. The foundation of St. John the Divine church in New York is laid on solid pre-Cambrian rock, among the oldest in creation, so that it is likely to endure longer than many of the old-world cathedrals that are in danger of collapse because of sandy or swampy bases.

"Pyrrhic Victory" This phrase is used to denote a victory won at tremendous cost and refers to the battle of Asculum, in which Pyrrhus, king of Epirus, won a victory over the Romans while sustaining such heavy losses that he is said to have exclaimed, "Another such victory and Pyrrhus is destroyed."

Sunday Thought. Pleasure that comes unlooked for is thrice welcome; and, if it stir the heart, it might be there, that may hereafter in a thoughtful hour wake but a sigh, 'tis treasured up among the things most precious, and the day it came is noted as a white day in our lives.—Rogers.

PORTLAND OFFERS A MARKET FOR YOUR PRODUCE

Hippodrome Vaudeville Photo-Plays advertisement with details of showtimes and prices.

Better Franklin Service—Storage and General Repairing advertisement for Anderson & Rice.

Cut Flowers & Floral Designs advertisement for Clark Bros., Florists.

Portland Hide & Wool Co. advertisement with address.

New Fluff Rugs advertisement for Western Fluff Rug Company.

Agents Wanted to Sell Chickens advertisement for Queen Hatchery.

Significance in Perfume advertisement for a perfume brand.

Be True to Yourself advertisement for a perfume brand.

Carpet for the Cellar advertisement for a carpet brand.

Point of Resemblance advertisement for a perfume brand.

Tin Cans Bad for Plants advertisement for a plant care product.

Really Capable Mind advertisement for a perfume brand.

Longest River in Canada advertisement for a perfume brand.

Not the Crumbly Kind advertisement for a perfume brand.

Faithfulness advertisement for a perfume brand.

Testimony of Others advertisement for a perfume brand.

You Want a Good Position advertisement for a business school.

Behnke-Walker advertisement for a business school.