

The Canadian Champion

When Your Sweet Tooth Says
CANDY
Your Wisdom Tooth Says
BARNARDS

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CANADIAN CHAMPION

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7:36 a.m.—Daily, flag.
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6:15 p.m.—Daily.
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Knowledge Is Effective

Weapon Against Cancer

Knowledge is the most effective weapon against the disease of cancer. Dr. I. Millan of Mexico City, writes, in an article in *Sinopsis*, and ignorance and isolated facts about the dreaded disease confirm in the public mind certain superstitions that have no reason for existing.

The most common fallacies regarding cancer are that no one knows what causes it, the doctor states. "But we do know what cancer is, and we also know what causes the development of certain forms," Dr. Millan says.

Cancer is a term used to designate a large number of afflictions whose common characteristic is the growth of unlimited cells that perform no useful function to the rest of the organism. In almost all of the known cancerous conditions, the direct cause has been a prolonged irritation.

The disease can be caused by defective or decayed teeth and cancer of the lips is frequently found in people who smoke pipes or cigarettes. Persons who use greases or chemically treated lubricating greases and farm laborers frequently develop cancer.

Medical science, according to Dr. Millan, has burst the fallacy that cancer is contagious. It is possible to avoid cancer by removing the cause of irritation, and second, if cancer develops in a definite locality, it is not difficult to remove the growth by surgery.

Consider Child's Hobby

When Choosing Curtains

Because the selection of curtains for a child's room should take into consideration the personality and hobbies of the youngster, most mothers find it more satisfactory to plan and make their own unusual window hangings.

Children live informally, therefore the theme of decoration in their rooms, with curtains playing a most important part, should be keyed to simplicity.

A visit to the yardage departments of any of our stores will show how inexpensively curtains, bedspreads, pillows, couch covers and dressing table skirts can be assembled for both boys and girls.

Curtain-making of this sort requires no great skill, though it is best to have a large flat surface for cutting and pressing; otherwise the job is nothing more than simple sewing.

Here are a few tip-top ideas that may help you give freshness and sparkle to children's rooms.

Gingham makes most attractive and practical curtains for the young girl's room. Choose a fine pink and white check. Make them straight, in full 36-inch width, hanging from the top of the window to the sill.

With the handcraft guide attachment of your sewing machine, you can wind blue rick-rack into an unusual border of criss-cross scallops, and use it as a trim around the edges of the curtains. Dressing table skirt, chair and bedspread might be made to match.

When selecting curtains for a boy's room, consider his hobbies and these interests as a basis for trimming simple unbleached muslin draperies. Fish, sailboats, airplanes, or animals can quickly be applied onto the curtains in gay colors, with the zig-zag attachment of the sewing machine. Or try the staccato accent of stripes. Red and white seersucker applied with bright blue anchors is a grand idea.

Figure Amount of Milk

Needed by Human Body

There's a very simple method for figuring out how much milk each person should drink every day. It's as easy to work out as two times two equals four, say nutrition specialists, University of Illinois college of agriculture.

Calcium, the body-building factor for which milk is the primary source, is required in the human body at the rate of from four to six milligrams for each pound of body weight. Six milligrams can be taken for good measure, say the nutritionists, and multiplied by the amount the person weighs. For instance, if he weighs 160 pounds, the resulting answer would be 6 times 160 or 960 milligrams. From this number is subtracted 300 milligrams since that is the amount of calcium usually received from other food sources. The figure remaining would equal the amount of calcium to be furnished by the milk the person drinks.

Each glass of milk contains approximately 240 milligrams of calcium. Therefore the 160-pound person, demanding at least 360 milligrams of calcium from milk, should drink almost two standard size glasses of milk a day.

First Mother's Day

A picnic for mothers—at the end of the Civil War—when the hatred of men, who had once been friends, still existed—that was the first organized Mother's day in history.

The mother who planned this picnic; who on that day saw these men become friends again and just the mothers' sons once more, died, but her daughter, who was not even born then, carried on the good work.

She was Anna Jarvis—inspired by the good work that her mother had laid down—spread the idea of Mother's day, both as a memorial to her mother and a flowering of her work. And so, on the second Sunday in May, 1908, the second organized Mother's day was organized.

And in 1914 she saw the passage of the bill making Mother's day a national holiday. President Wilson presented her with the pen with which he signed the bill.

Thomas Harland's Fame

As Clockmaker Grows

A roll of the distinguished early clockmakers of this country, arranged in the order of the greatness of their members, would find the name of Thomas Harland (1735-1808) of Norwich, Conn., an immigrant from England in 1773, high upon the list, writes George P. Anderson in the *Boston Transcript*. Although heretofore his fame has not been widespread, recently it has been advanced by his inclusion in the now completed and highly authoritative work, the "Dictionary of American Biography" (Vol. VIII, page 275).

To attempt to fix for him an exact place in a clockmakers' hall of fame would be to challenge controversy needlessly, but the consensus seems to be that he should be given a prominent position among early American clockmakers, probably among the first four or five.

He was a modest man and apparently never had his portrait painted. He did not seek inordinate wealth, but did everything in the day's work as well as he could and was helpful and kind to others. He was a sturdy Englishman transformed into a resourceful Connecticut Yankee.

Whether we take as the yardstick his skill, his character or the artistic merit of his work he stands in the forefront. Regrettably he hid his light under a bushel, and search for his rays after he passed from the scene of his activities presents many puzzling problems.

Although much of the life story of this pioneer is shrouded in mystery, there is information which demonstrates that Harland possessed unusual mechanical skill, was industrious, well read, a good citizen and most of his gifts and achievements. It is probable that he was born in Norwich, England, this information being conveyed in 1923 when Mrs. Irene Harland, wife of Thomas Harland, great-grandson of the original Thomas Harland, gave the clock which had long been in their family to the Wadsworth Atheneum, of Hartford, Conn.

Long Years of Schooling

Not Necessary for Child

"Keep the child in school," is a slogan that has been increasingly popular in America for many years, and an immense amount of personal influence and school propaganda has been used to justify longer schooling, but according to Frank M. Rich, principal of a public school in Paterson, N. J., common sense would indicate that there is no necessity for it.

"Not preparation for life, but participation in life is the best part of education," the professor says. "Books are a wonderful source of information and inspiration when taken along with some of the concrete life experiences which they help to explain, but the notion that children and youth need unlimited abstract book learning to the exclusion of practically all worldly contacts, is one of the saddest of education fallacies."

Professor Rich advocates pre-vocational contacts with the business world through part-time apprenticeship, quasi-vocational activities in the kitchen, workshop and garden at home, and alternation of a season of employment with a season of school attendance.

Busy Beavers Tricked

When beavers began cutting down valuable timber from a stand south Allen's mills near Farmington, Maine, foremen ranged found they had a fight on their hands. The busy little creatures had a dam nearly completed when the felled trees were found. The chief ranger called all hands and dynamited several places in the dam. The beavers filled them up over night.

Next a six-inch iron pipe was placed in the dam to drain it. This puzzled the beavers for a couple of days when they found and plugged both ends of the pipe. The water rose again.

A next a siphon of fire hose was tried. The beavers gnawed it through in short order. Finally, the dam was almost entirely removed and the material hauled away. Then the rangers rigged up a terribly looking scarecrow hoping to frighten the destructive little creatures away. Did it? Not a bit. They cut down the scarecrow, divided him into convenient pieces and used him for building a new dam. After that the beavers were trapped out. It was the only way to make them quit their building.

Baby Care in Hospitals

Too many mothers leave the hospital with their first baby without knowing how to take care of them, Dr. Julius H. Hess of Chicago asserts. Hospitals should be teaching centers, he said, where the mother can learn what her baby needs. To accomplish this aim he recommended a joint service of obstetrician and baby specialist in every hospital to prepare the mother for her task.

More babies should be breast-fed, and the only way to convince the mother of this need and prepare her

for it physically and psychologically is for the obstetrician and pediatrician to co-operate, he said.

Pointing out that 85 per cent of all babies are now delivered in hospitals, Dr. Hess said that most hospitals were ill-equipped for the task, and especially ill-equipped to take care of mother and baby after the birth.

Machine Fills Dam Cracks
Grand Coulee dam in the state of Washington, which has called into play hundreds of kinds of machines from delicate magnetometers to the world's largest power shovels, now has a pumpcrete machine at work.

As might be imagined this apparatus pumps concrete into gaps in the giant structure that could not be filled otherwise, and it is being used at Grand Coulee to firmly cement the 24-foot steel penstocks into the 24-foot tunnels. There is no room for machinery between the steel tubes and the walls, so the concrete is being forced in through pipes under pressure.

The pumpcrete machine at Grand Coulee delivers the concrete through a pipe 1,390 feet long, and it must deliver about 43,000 cubic yards of the mixture to seal the tunnels. The mixture used is fine, for the pipe is only eight inches in diameter and nobody wants the pipe to clog. Why? Well, a pipe clogged with 10 tons of concrete in restricted quarters might be difficult to clean out.

Eight cubic yards in a batch, about 60 cubic yards an hour is the capacity of the pumpcrete machine at the Coulee. The pipe calls for about 800 pounds pressure to keep the mixture moving.

Huge Erosion Loss

Two billion dollars a year is lost to American agriculture through the depletion of the nitrogen, phosphoric acid and potash supply in farm lands due to erosion. It is estimated that 63,000,000 tons of plant food are thus removed from the soil each year. "The need for a more far-reaching program of soil conservation," said a statement of the Middle West Soil Improvement committee, "is illustrated by the fact that less than 60,000,000 acres of America's 360,000,000 annual crop acreage are treated with commercial fertilizer every year. Consumption in this country is slightly more than a ton per farm for the nation's 6,812,350 farms.

New Tax Load

The automobile industry may be faced with a new tax burden of \$4,000,000 annually if a Colorado precedent in applying chain store taxes to auto dealers is followed in other states, a nationwide survey by the magazine *Automotive Retailer* reveals.

More Toys

Toy orders placed thus far this year are about 15 per cent ahead of comparative 1939 figures, H. E. Luhrs, president of the Toy Manufacturers of the U. S. A., Inc., announced recently. Mr. Luhrs also says that the American toy industry was virtually independent of foreign sources of supply and regardless of war conditions this country's normal quota of \$230,000,000 worth of toys would be available.

Plaster Cracks Unavoidable

There's nothing quite so disheartening to a homemaker as a freshly decorated room that has suddenly developed ugly plaster cracks. Tragic though it may be, it's understandable. Plastering brings into the house between 200 and 300 gallons of water that must be evaporated. In the evaporation process the lumber framing of the house is subject to warping and twisting. The natural result is broken plaster.

No Ellis

It was six years before anyone in Popular Bluffs, Mo., named a baby Eli, although Eli Sliger, Eli Martin, Eli Campbell and Eli Osborn offered \$1 each to the child whose parents took that name for their child. Mr. and Mrs. Clarence Macom now demand that the Ellis hand over \$4.

'Jay Walkers' Are Not

Same as 'Jayhawkers'

Jayhawkers and Jay walkers are not synonymous terms. There is not, in fact, the remotest association, even of ideas, in their etymology. The term "Jayhawker" attained widespread recognition during the controversy over the admission of Kansas to the Union, begun in 1854. It was applied by Kansans to those who advocated that Kansas be admitted as a free state and who aroused the antagonism of the proslavery group. Prior to this date, however, the name was in use and had quite another significance as applied to a group of young adventurers who left Galesburg, Ill., in the spring of 1849 for the California gold fields.

Later, in the region now included in Death Valley National Monument, these gold-seekers were for a while traveling companions of Lewis Manley. The expedition but for his courage would have perished in the desert. Indiscriminately all those who attempted the journey in 1849 were called for years afterward "Jayhawkers."

However, the men and women whom Manley brought out to safety never belonged to the Jayhawkers, nor did the Jayhawkers themselves suffer such hardships as they endured. It is to this later group that the region owes its name—Death Valley.

Women Top Film Editors

One more proof that women have as much sense as men, if not more, as is probably the case, is seen in the fact that top film editors at Paramount, Twentieth Century-Fox, Metro-Goldwyn-Mayer, Columbia and Cecil De Mille plants are all feminine. The reason for this is that a woman may have not only the same accurate idea of dramatic values as a man, but, in addition, a more emotional nature. This is invaluable in building up the sentimental side of the picture.

As soon as the photography on a new picture is completed, the miles of celluloid are turned over to the film editor. The latter is necessarily one who has a wide knowledge of drama, literature, music and comedy, a feeling for rhythm and a sense of entertainment values. So the film editor takes the celluloid and cuts it down to the proper length. He must decide how much of each scene is to go into the finished picture and also the proper sequence of scenes. It is he who glues the pieces together into the play's final form.

A lot of the success of any release depends upon the film editor, and women are more than holding their own in that difficult field.

Salary for Wives?

The demand for adequate remuneration for wives has been made often, and has always met with contempt—especially from husbands. Perhaps at first glance it does seem illogical to ask for more money for women who already have too much. But, apart from the vague idea of "personal freedom," it is the idea of self-earned money which fascinates women.

Why not? This country has made money its yardstick of personal worth, and why should wives be the only people excluded from trying to measure their value by it? A woman should be paid by her husband in proportion to her competence, and to the amount of work and responsibility she assumes. In most cases 25 per cent of her husband's income would be fair.

This arrangement would offer a fair chance to all those misunderstood women who feel that early marriage and lack of self-expression have denied them business careers. It would also give them a chance to decide how much they wanted to pay for their own laziness, or their desire for excessive entertainment. They would certainly not be forced to do work for which they genuinely had no talent.

Woman Teaches Navigation

Shades of Bowditch and the immortal Mercator, mates! Future shipmasters and bucko mates are being taught navigation by a woman.

And that isn't all. One of them is a girl, and she can handle the sextant and shoot the sun as handily as the next one. Wouldn't that shiver your timbers—or would it?

The "skipper" of the class is Miss Florence Miles, and she didn't learn all of her seamanship out of books, either.

She became interested four years ago when she and Miss Virginia Roe, an art teacher at Roosevelt high school in Seattle, left Seattle on the Dutch freighter *Maple* on a world tour.

The captain and other officers initiated them into the mysteries of dead reckoning, compass deviations and determining latitude and longitude from the sun and stars.

Miss Miles reached home with a rule-of-thumb knowledge of navigation and with a desire to learn all of its fine points. She took a course taught by Prof. Raymond F. Farwell at the University of Washington.

Monks Buy Here

Monks of Mount Athos, Greece, are now using American flour exclusively in their celebrated monastery, exercising one of the privileges which have made them a law unto themselves for centuries. Being exempt from import duties, they find it cheaper to buy from the United States the 300 tons of flour they consume annually rather than purchase their supply in the home market. The flour is imported by means of special permits, while the necessary foreign exchange is provided by the Bank of Greece in Athens.

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inviting, than one conveyed by your own voice. The telephone is a connecting link that keeps you in close contact with friends and relatives, a messenger that transmits your voice as well as your thoughts.

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