

Place water... trays or platters at...  
...the men... they must...  
...the child... we give to...  
...the package with...  
...the men... they must...  
...the child... we give to...  
...the package with...

Fire Rockets...  
...the safe... the...  
...the safe... the...  
...the safe... the...

Daily Job...  
...the work... the...  
...the work... the...  
...the work... the...

of Fundy...  
...the Bay of Fundy...  
...the Bay of Fundy...  
...the Bay of Fundy...

### HEALTH EDUCATION

BY DR. J. J. MIDDLETON  
Provincial Board of Health, Ontario

Dr. Middleton will be glad to answer questions on Public Health matters through this column. Address him at Spadina House, Spadina Crescent, Toronto.

Are you going swimming this summer? If you are, be careful, especially if you are a beginner. Don't think you can learn to swim without a good deal of effort, and do not take chances. If beginners would only take warning in time fewer drowning accidents would result. It is necessary to give attention to one or two points before starting to swim, and even when you can swim.

To begin with, a spot for swimming should be selected where the bottom can be comfortably reached. In places where the beach is steep, every swimmer should make an effort to wade to the shore and not parallel to the shore. It often happens that the beach slopes down more sharply a few paces further along so after having made some progress in the water, the swimmer may be unable to touch the bottom only a short distance from the starting point. Then there is the possibility of a level beach or bathing pond having holes or depressions which cause drowning accidents. There may also be a growth of weeds below the surface in which the bather's legs may get tangled. In learning to swim it is always better to see or know the kind of bottom of the bathing place, and to keep strictly

### GOLD PRODUCTION OF THE DOMINION

#### RETURNING TO OLD-TIME OUTPUT.

#### Decline in Yukon Being Offset by Yield of the Newer Ontario Fields.

After a year in which Canada, in common with most other countries, exhibited a decline in most phases of her mining industry, it is most gratifying in an appraisal of national development to note the increasing production of gold in Canada and witness the assured manner in which the Dominion is steadily, by substantial increments, approaching the standard of volume of her old-time output. A production of gold equal to Canada's previous record is now within sight, and in view of the numerous discoveries made and extensive developments of new fields projected and under way, there remains no doubt but that the old record of output will in a very short time be exceeded.

A survey of gold production over the past twenty years shows a maximum attained two decades ago, a minimum reached in 1906, and since that time an ascendancy back to the old output, only slightly interrupted. Briefly, the decline in the history of the Yukon's falling output, the ascendancy corresponds to the rise to fame of the newer Ontario gold fields, which now account for about seventy-five per cent. of Canada's gold output, whereas this distinction formerly belonged to the Yukon.

Canada's total production of gold in 1921 was 324,374 fine ounces valued at \$17,754,487. In 1920 it was only \$15,350,423 or a value of \$1,904,064 less. More than a million dollars were added to production between 1919 and 1920. Canadian gold production in 1871 was 22,941 ounces; in 1881, 70,015 ounces. The pinnacle was reached at the beginning of the century, 1901's output being 1,187,216 ounces. At this period the Yukon was the heavy producer accounting for 870,759 ounces worth \$15,900,000, or approximately seventy-five per cent. of the Dominion's total.

Ontario at that time was largely disregarded as a potential producer on a large scale, being surpassed by the province of Nova Scotia and overwhelmingly so by British Columbia.

Since the commencement of the century the production of gold in the Yukon has been on the wane, dropping from 870,759 ounces in 1901 to 231,091 in 1919 and 172,104 ounces in 1920. Ontario's rise as a gold producer dates properly from 1910. Though producing 11,844 ounces in 1901, production dropped to 3,089 ounces in 1910. Thereafter the province's record has been one of progress. The year 1914's record was 258,264 ounces; 1916, 492,481 ounces; and 1920's, 564,359 ounces. The production of 1921 was about seven million dollars in excess of the 1920 value, and extensions and developments foreshadow a yet higher yield for the present year.

### New Life

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Canada

### With The BOY SCOUTS

At the International Congress of Boy Scouts opened in Paris on July 22nd, Sir Robert Baden-Powell, founder of the Boy Scout Movement, announced that the membership of the Boy Scouts throughout the world has now almost reached the two million mark. The purpose of the congress, which is being held at the Sorbonne, is the adoption of measures for intensifying the enrollment of boys in Scout organizations in various countries into closer relation with each other. Representatives are present from a great many countries.

Gordon McKenzie, a thirteen-year-old Boy Scout of Shaunavon, Saskatchewan, has been recommended for a life-saver's medal for rescuing a five-week-old infant from a burning house. The child's mother and sister were working in the stove when it exploded, setting fire to the room in which it stood. In their excitement the frightened woman and her daughter rushed out of the house, forgetting the baby, who was sleeping in its cot in the burning room. On learning the situation, Gordon rushed into the house, snatched the baby from its bed, the flames of which were then burning, and carried the child to a place of safety.

### Caught by a Salmon.

Fishing for salmon is always exciting sport. Many are the thrilling stories of adventures along a salmon stream, of long fights with the hooked fish tugging at the line, and of the fellows pulled from a favorite pool. On rare occasions, however, the tables are turned, and the fish becomes the angler. That is exactly what happened to Mr. J. Duncan one day when he and his wife were fishing near the mouth of the Cowichan River, in British Columbia, in the Wide World Magazine he describes his experience thus:

As usual, he says, I was using a hand line the end of which I had tied round my leg, so that as I rowed the boat I could tell as soon as a fish was hooked. We had hooked several small fish when I hooked a fine "tyce," or great fish, and I should say that he weighed easily sixty pounds.

In the excitement I got my feet tangled in the line round my leg. Standing up to free myself, I slipped on some of the fish that were lying on the bottom of the boat, and before I could realize what had happened I was on board. On coming to the surface I struck out quickly for the boat, but I had swum scarcely three strokes when with a jerk that made me feel as if my leg had been pulled off, I was drawn toward the bottom. Striking out with both arms and my free leg, I tried to regain the surface, but I might as well have tried to tow a battleship. Down, down, I went until the line suddenly slackened, and I shot to the surface; if I had been held under much longer my lungs would have burst.

The rowboat was almost fifty yards away, and my wife was at the oars. As soon as she saw me she pulled to me with all her might. The boat could not have been more than twenty yards away when the line round my leg suddenly slackened, and I was with a wrench that almost broke my ankle the fish pulled me beneath the surface a second time. Struggling with all my might, I tried to release my leg from the tangled line, but I could not do it.

All at once I felt something slimy brush against my face, and I realized that the fish was taking me toward the weed beds, where I should probably become entangled and die a horrible death! No swimmer could hope to free himself from their clinging embrace. Redoubling my efforts, I tried to reach the surface.

That time I was not submerged for so long, for evidently the salmon was becoming tired. When I came to the surface again I saw my wife rowing frantically no more than twenty paces away. Nearer and nearer came the boat, but just as I thought that it was going to reach me the line round my leg jerked, and I was beneath the surface again. I was under for only a few seconds. When I rose once more I saw the boat a few yards away. At the same time I noticed that I was moving rapidly through the water; apparently the fish had lost strength and was unable to pull me under until he had had time to rest.

After what seemed a long while the boat came alongside, and I was able to grab hold of the stern. With a slash of my hunting knife, which I had left lying in the bottom of the boat, my wife severed the line and soon drew me in. For some time I lay on the bottom, thoroughly shaken and exhausted. Had it not been for my wife's pluck, I should not be alive to-day. For she had rescued me directly over the deadly weed beds!

### Is Factor of Usefulness in the Public Schools.

In the schools the phonograph is more and more becoming a factor of greater usefulness. Aside from games and physical exercises to music, children are acquiring a familiarity with the best music by the simple expedient of hearing it played frequently. Think what it will mean to coming generations if the mass of people are able to appreciate the classical.

Then, again, the chemical element in music is employed in the actual school work. Penmanship, typewriting and other manual tasks are being taught quite successfully to martial strains. One may acquire skill and facility in a number of tasks almost unconsciously by the aid of the phonograph.

For nature study there are many records available giving bird and animal calls with unusual fidelity. The method of training is simple and effective. For instance, the picture of a red bird is shown in full colors, while the call of the bird is given several times. The two are thus associated together in the mind of the child. In this way the average child learns to recognize instantly a large number of birds by their calls.

Minard's Liniment for Burns, etc. From junk rope is made the high grade paper that insulates the wires in telephone cables. Over thirteen million pounds of old rope was required to supply the needs of the Bell Telephone System last year.



GETTING SMALLER EVERY DAY. Chicago Daily News.

### THE REASON WHY ANAEMIA PREVAILS

#### The Strenuous Conditions of Life To-day Responsible.

Mothers who remark that girls to-day are more prone to anaemia than the girls of a generation ago, should look back at the surroundings in which they and their companions lived. They would easily see the reason in life's altered circumstances to-day.

Now the school girl's life is more strenuous; her more numerous studies are a severe tax upon the strength. Also, girls enter business soon after leaving school—at an age when they most need rest and outdoor life. Their womanly development is hampered by the stress of working, hurried and often scanty meals. Girls are more liable to bloodlessness to-day, but there is this consolation that this condition is now more easily remedied than in the years past. Such medicine as Dr. Williams' Pink Pills has helped thousands of weak, anaemic girls and women, simply because they contain the elements necessary to enrich the blood, which means good health and vitality.

This is proved by the statement of Miss Eldora Acker, Lake Pleasant, N.S., who says: "I shall be glad if some other ailing girl will profit by my experience with Dr. Williams' Pink Pills. I was very much run down, my face was pale and there was dark circles around my eyes. My appetite was bad, and I had no ambition to do anything or go about. I had once before been helped by Dr. Williams' Pink Pills and decided to try them again. It proved a wise decision, for in less than a month the time I felt in every way better; had a splendid appetite, the tired feeling disappeared, and I can work with enjoyment. Naturally I think there is no better medicine for young girls than Dr. Williams' Pink Pills."

You can procure Dr. Williams' Pink Pills through any dealer in medicine or by mail. Send to you by mail 50 cents a box or six boxes for \$2.50 by writing direct to The Dr. Williams' Medicine Co., Brockville, Ont.

### The Bride's Fair.

At Ecaussines, a village in Hainaut, Belgium, there is held a bridal fair. The young girls who don't want to become spinners assemble in the village square and receive prospective husbands.

The spectacle is certainly charming and joyous. One can imagine the delicious indecision of these lucky call-boys who are invited to select among a thousand brunette, blond or auburn dowers those that seem to them the most charming.

Paris, on Mount Ida, had only to decide among three goddesses. And for so little he has entered into legend. At Ecaussines the celibates find themselves otherwise embarrassed. There is an encumbrance of goddesses!

"It is in a name," says Maurice Prax, in "Le Petit Parisien," a brides' fair, but it would be more appropriate to call it a husband's fair. For while the girls make the polite pretence of inviting the men there to choose their brides, the fact is that the men are invited to be looked over and chosen by the girls.

The poor bachelors who have pondered the large wedding cake, and find themselves evidently in the presence of a redoubtable battalion of resolute young girls, resolved not to remain young girls, must not for a long time keep up their confidence and confidence; they must not for a long time imagine that they are gentlemen of the equal of the shepherd Paris. It is the young ladies who, in truth, must make their mischievous or rational choice from the infatuated troop of hapless bachelors. It is the young ladies who "pluck" the bachelors, unattached or shaven bachelors. And the gathering must not be much more difficult than that of certain fruits at ripen in September.

The young girls of Ecaussines are generally clever and cunning. Considerable noble gentlemen, come on to choose among us frail women the brides that will seem to you the sweetest and fairest."

"So they say. But when the bachelors go upon the field of the fair they suddenly throw out the casting net."

In line with the fruit growers and other producers, a number of the fishermen on Lake Erie have formed the Fishermen's Co-operative Association, with a capital of 40,000, to market the output of their fisheries.

Minard's Liniment for sale everywhere. ISSUE No. 31-22.

### Colors From Coal.

As everyone who cares at all about pictures and painting is well aware, many of the most beautiful works of painters of a century ago are fading away.

Turner's exquisite pictures form an instance in point. To-day many are almost gone, and others have to be kept away from the light, in order to prevent further fading.

The reason is that the paints of that period were so bad. Artists used not only red and white lead, but even such extraordinary pigments as Spanish Ultramarine and tobacco-juice.

Now, in order to obtain good and lasting paints—permanent colors, as they are termed—it is necessary to use real scientific knowledge, and to make long and careful tests.

This has been done by the modern manufacturers of artists' colors, with the result that to-day the painter, whether in oil or water-color, has an immense range of colors to choose from, and these are constantly being increased in number by new discoveries.

In order to prepare these colors, every kind of material is used, a mere list of which would fill several pages of this paper. Colors come from mineral, vegetable, and animal sources. Take Prussian Blue, this is an ore, ferro-cyanide of iron. Ultramarine is made from an earth, and is a yellow ochre and Van Dyke brown.

One very beautiful blue comes from an extract of indigo, and the various madders from the root of the madder plant. The bark of a variety of oak tree is used to obtain a lovely pink color. Charred oak and charred ivory are used for black pigments.

Exquisite reds, violets, and yellows are prepared from coal-tar, but whereas in earlier days coal-tar colors were often fugitive—that is, faded rapidly—today the artist knows exactly which are permanent, which are fugitive, and which stand between the two classes.

There never has been a time when the artist was so well off as regards paints. He can work in colors which will make his pictures last for centuries.

### Drilling Holes in Active Volcano.

To the man who complains that the days of adventure are past, who feels that life has settled down into a hum-drum pursuit of the dollar, who longs for the thrill that comes from accomplishment at the expense of personal risk, the drilling of holes in the crater of an active volcano should appeal as an undertaking sufficiently perilous to satisfy his craving for excitement. Yet, heralded only by the dry announcement that "the borings are for the purpose of obtaining scientific information," men are to-day engaged in drilling holes into the motor heart of the active volcano of Kilauea, on the island of Hawaii.

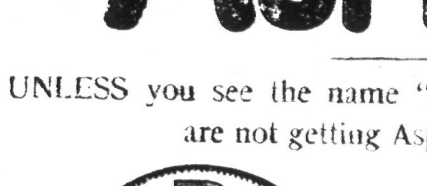
For the more shallow borings a churn drill will be used, and arrangements have been made for drilling a large number of holes from 50 to 200 feet deep.

Several interesting engineering problems will be met in this actual drilling operations, among them, the question of preventing the formation of steam from the water used in drilling and pumping operations.

### MONEY ORDERS.

Send a Dominion Express Money Order. Five dollars costs three cents.

### Those Having Sick Animals SHOULD USE



Good for all throat and chest diseases, Diphtheria, Croup, Whooping Cough, Sore Throat, Hoarseness, Stomachic, Colic, Malaria, Rheumatism, Sprains, etc., etc. Should always be in the stable—SOLD EVERYWHERE.

We all dislike self-suffering persons; it is because they don't care for our approbation.

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Women testify again and again that they have been helped by Lydia E. Pinkham's Vegetable Compound. "After other medicines have failed," it has been tried for nearly fifty years and found to be the best of the various ailments which accompany female weakness try Lydia E. Pinkham's Vegetable Compound.

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