

## Our Brain Slows Down With Heat

### Climate Is Determining Factor In Ability To Think

If you feel your brain going sluggish on you, do not feel alarmed. It is merely the effect of the mid-summer heat, because climate is a determining factor in man's ability to think, according to Dr. Clarence A. Mills, of the University of Cincinnati.

It is well known that the people of temperate or even cold climates are, as a class, more alert, mentally and physically, than those who live in the Tropics. Heat seems to have a debilitating effect on both the body and mind. The great statesmen, writers, soldiers, inventors, artists, etc., have been supplied by those areas, generally speaking, in which there is not an excess of the heat.

### Victims of the Weather

Men may, in many respects, achieve domination over the influences of their environment, but insofar as climate is concerned, humans are to a considerable extent the victims of the weather.

In Canada we need not fear becoming a permanently sluggish race, mentally or physically. About the time the heat begins to get us down, the refreshing breezes of autumn come along to revive our bodies and clear our minds.

## New Containers For Flowers

### Silver Tanks Are the Latest Adornment

Square vases of sparkling silver, shaped like the glass tanks, are the latest containers for flowers. Almost any herbaceous border flowers which have fairly long stems are suitable for these tanks.

Sometimes the silver is engraved in a bold design, a favorite one being swimming fishes. These tanks look better when filling up corners than as table decorations. On a dinner table they rather obscure the guests opposite.

### Shallow Bowls for Tables

For table use the new shallow silver bowls are most attractive. These are barely two inches deep, and look best filled with tiny flowers which have been broken off just below the blossom. Mignonette and forget-me-nots packed tightly, with here and there tiny rose buds and old-fashioned single plinks look particularly well.

To give an atmosphere of coolness on a hot day, silver urns filled with green leaves and ferns are effective.

## World Epidemic Prevention

### Cradle of Civilization Source of Many Epidemics

One of the essential tasks confronting the department of organization of hygiene of the League of Nations, according to the Paris correspondent of the Journal of the American Medical Association, is to prevent epidemics and their dissemination. Asia, the cradle of civilization, is the cradle of many diseases as well; for this reason a new office has been set up at Singapore destined to centralize all useful information about epidemics and inform, as quickly as possible, the ports of the Far East about their sudden appearance.

**Daily Communications Broadcast**  
A powerful radio station at Malabar, on the island of Java, broadcasts daily the communications of the main office in Singapore, which is rebroadcast weekly by nine secondary stations. These communications can be received in the ports of the Indian Ocean, of the Pacific and even of the Mediterranean.

### Visits Midland



Cardinal Villeneuve was invited to attend the special services dedicated to the Jesuit Fathers Laurent and Brebeuf which took place this month near Midland at the Martyrs Shrine.

## ARMS USELESS ON WET DAY

### Rheumatic Pains Relieved by Kruschen

Here is a noteworthy instance of the manner in which damp weather can affect the joints of one who is subject to rheumatic pains. "I had been suffering from rheumatism very badly," a man writes, "and had such pains in my joints that I could hardly bear it. On a wet day especially, it pained me terribly to use my arms, and I was hardly able to work. I tried two different remedies, but I was still as bad after the treatment. Then I was told to try Kruschen Salts, which quickly brought relief. So of course I have kept on with it, and I am now much better and have never felt so fit for years. I used to feel so miserable and sluggish, but now it is a pleasure to be able to work."—S.B.

The pains and stiffness of rheumatism are often caused by uric acid crystals in the muscles and joints. The numerous salts in Kruschen assist in stimulating the internal organs to healthy, regular activity, and help them to eliminate excess uric acid.

## Postal Figures Point Upward

### Figures For June Show Continued Increase

Post Office revenues, index of Canadian business conditions, again point upward. Figures for June show that the increase reported in May is continued, according to a statement released lately by the Hon. N. A. McLarty, K.C., M.P., the Postmaster General.

Postage sales for June showed a total of \$3,317,783.15 an increase of \$180,338.04, or nearly six per cent. over June, 1938.

**Money Orders, Postal Notes Up**  
Other cheering signs of improvement are also noticed. An increase of \$451,192.28 or nearly five per cent. is revealed in the statement of postage sales for the first quarter of the present fiscal year. Postal note business is also higher, and in June money orders paid were up by 1.7 per cent. and postal notes paid by 3.6 per cent. as well.

Throwing tracks on a highway is against the law in 29 states of the American Union.

## What Science is Doing

### NEW DIPHTHERIA ANTITOXIN

Development in England of a new, highly purified diphtheria antitoxin, said to be more rapidly and completely absorbed from subcutaneous tissues than the American product, is described in a recent issue of The Journal of the American Medical Association. The new antitoxin is the result of the development by the Wellcome Laboratories, England, of a method for large scale purification based on the fractional action of enzymes (ferments). The possibility that such enzyme purification may be generally applicable to antisera demands prompt investigation, the Journal declares editorially.

### DEBUT OF AN ALLOY

A new metal alloy that contains only 7 per cent. iron but is claimed to be stronger than any known steel was reported by the Westinghouse research laboratories at East Pittsburgh, Pa. The new alloy is composed of nickel, cobalt, chromium, titanium, iron manganese, aluminum, silicon and carbon, and is tentatively known as K-42-B.

### GERM CULTURE

Success for the first time in the growing of disease-producing bacteria of the family of hemolytic streptococci on a medium containing only pure chemical compounds, a step expected to be very helpful in the study of the nature of these enemies of man, is reported in a recent issue of Science by Drs. Brian L. Hutchings and D. W. Woolley of the University of Wisconsin. Until now these bacteria have been grown only in complex media containing tissue extracts the constituents of which were not fully known.

### AGE OF ROCKS RECALCULATED

The geological strata of the surface of the earth are only about half as old as was formerly believed. This change has been made as the result of recalculation of the age of rocks based on a re-examination of their content of radioactive material by newer methods and a new check-up on standards made at the Massachusetts Institute of Technology by a group of scientists. The total age of the earth remains about the same, 2,000,000,000 years, but the relatively recently laid down strata, post Devonian, which was supposed to have been formed about 210,000,000 years ago proves to be much younger, about 180,000,000 years.

## How Can I?

BY ANNE ASHLEY

Q.—How can I remedy perspiring feet?

A.—One of the best remedies is to powder the stockings with one part of chlorinated lime, and one part of powdered starch. Also bathe the feet daily in cold water.

Q.—How can I remove screws that are obstinate or rusty?

A.—Apply a heated poker to the heads of the screws. When the screws have become hot, they can be removed very easily.

Q.—How can I clean soiled eggs?

A.—Soiled eggs can be cleaned by washing them in a solution of baking soda and water.

Q.—How can I thicken fruit or berry pies, other than by the use of cornstarch or flour?

A.—Try using a scant tablespoonful of quick-cooking tapioca. This not only adds flavor to the pie, but absorbs the excess juice.

Q.—How can I remove mildew from white clothes?

A.—Rub the clothes with the juice of a raw tomato, sprinkle with salt, and lay in the sun to dry. Repeat several times if necessary.

Geraniums picked in New Zealand were delivered in London by airmail in 15 days.

## TIRED FEET

FIND INSTANT EASE WHEN YOU RUB IN MINARD'S GREAT CANADIAN RUBRING LINIMENT



Issue No. 33 — '39

## Casa Loma

Casa Loma is one of the greatest attractions in Ontario, hundreds of people visit it daily, and take an hour's tour through the castle, including the tunnel and stable. There are many interesting and valuable exhibits, one of the most recent being one of the most valuable collection of butterflies in the world. The colors of the butterflies are amazing and it is worth while for any student to see. There is no charge to see these exhibits. The castle itself has many of the features of European castles, and every child and child should study its architecture and enjoy its beauty. The castle is operated by the Kiwanis Club of Toronto, and the proceeds are used to assist sick, and crippled children. Tourists from all over the world come to this castle.

## New Hats Are Of Three Periods

### Bustle Age, Charlotte Corday's Bonnet — Postilion

At the end of a long sartorial drought, the new fall hats are now flooding the town. Even if you adore silly ones you'll scarcely resent these, they're so becoming, not to say flattering. Generally speaking, they fall into three periods; the amusing 1880 type to set off your bustle; Charlotte Corday's revolutionary — in more ways than one — bonnet, and the charming little postilion with a jockey brim guaranteed to do something for you.

**Must Let Hair Grow Again**  
But if you're now cool and comfortable and sensible — with a very short summer hair-do, it's high time to start letting it grow. The new hats are all at their best with curls or a thick knot — like the Duchess of Windsor's at the nape of the neck. As a rule, they call for hair drawn off the ears, generally with little curls or rolls tucked away under the hat. The Charlotte Corday bonnet and the ermine outfits call out for cute little bunches of curls on the forehead — and if you don't want to have to resort to false hair revivals, you'd better start growing something for the barber to play with.

## FARM COLUMN

### FIGHTING FOES OF FALL WHEAT

The protection of seed wheat from its invisible enemies, the spores of smut and the root rot organisms that lie concealed on or in the surface layer of the seed, is one of the reasonable precautions every farmer should take against possible failure with his fall wheat crop, says W. A. McKenzie, soils chemist, Chatham, Ont.

Everyone is acquainted with smut. In the summer it becomes visible, and the damage it does can to some extent be estimated. But few people seem to realize, as yet, the serious annual toll taken by the root-rot organisms. These work underground, reducing the stand and sapping the vitality of much of the grain which does survive. Even on farms where this menace has not yet become serious it is good business to use preventive measures.

**Ethyl Mercury Phosphate**  
It is fortunate that modern methods of control for both smut and root-rot have been so improved as to be very highly effective. The potent substance, ethyl mercury phosphate, now on the market, controls most of the grain

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## PLUG SMOKING TOBACCO

smuts, including covered smut of wheat and also the root-rot. Considering that it is inexpensive and easy to apply, there seems little reason for neglecting it this added protection.

This mercuric dust treatment may be applied days or even weeks ahead of seeding time and aids rather than injures germination. This treatment is the result of long experimentation and has been submitted to the most critical field tests. Today it stands far ahead of all other seed treatments.

The government cotton spinning and weaving plant in the Philippines is to be enlarged.

## Swimming With Eyes Open

The novelty of the season at Cannes are mono-goggles, which provides young and old with no end of fun. They are heavy lenses set in a deep rubber casing and secured to the head by a strap. Equipped with them, the swimmer can become a deep-sea diver, swimming under water with eyes open spying on the life of the creatures at the bottom of the sea. They are worn by fishermen who use a slim metal gun to shoot their quarry.

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