rged. Even a physician will someimes say thoughtlessly that robust-

ness is a protection against infectious

diseases, but who would be more angry than that same physician if you announced to him that you did not need

vaccination against smallpox because

you were "too robust" for smallpox to

attack you? Go to any physician who tells you that robustness protects against infectious disease, and ask

him to let his children come to play

with yours (recovering say from scar-

et fever or whooping cough) because

his children are "too robust" to con-

tract these diseases, and see what he

will say! Typhoid was at one time asserted to attack chiefly the strong

and let the weaklings go. But careful

and unblased search for facts has

shown that people who are exposed efficiently to infectious diseases con-

tract them or escape them, not in

proportion to their "robustness" but

in proportion to the specific "antidotes" possess within their bodies against the particular infectious disease to which they are exposed. Thus almost every child whether strong as a wild bull," or "sickly as

a kitten" will contract measles exposed to it, unless he has had measles. After recovery, whether he be robust or sickly, he will not get

measles again. So with smallpox,

hickenpox, scarlet fever, whooping

ough as a rule and other similar

things. In typhoid and diphtheria

probably in tuberculosis also, the

mmunity conveyed by one attack.

from which recovery takes place, does

not as a rule, last long enough to

protect the individual more than a year

Now here comes a nice distinction

Although robustness or weakness has nothing to do, or very little at most,

with contracting an infectious disease,

still once the disease has developed,

robustness or weakness, in certain

cases, may affect the outcome in cer-

The fact is that deaths from in-

fectious diseases are not always the

direct effect of the poisons of the germ

which causes the disease. Thus in

diphtheria a strong child, encountering

the poisons of diphtheria, with no

artificial protection by antitoxin to

the poisons, may have his heart injured by the diphtheria poison, An-

attacked, but the poisons may affect him chiefly in his legs. Thus the

strong child may die merely because

the poisons happened to affect an

important organ, the heart; while the

weakling may live because the poisons

The advantage which a robust person eally has in fighting a disease over

a weakling shows itself chiefly in com-

ase in which the poison of the pnue

Suppose a pneumonia

affected, perhaps even more severl

less important part, his legs.

monia has not affected the

pensation.

other child, a "weakling"

"Making Up" With Famous Stars

Blanche Bates' Little Rabbit-Foot Tells Idah McGlone Gibson That This Highly-Misunderstood Process Involves a Lot More Than Just Putting "A Dab of Powder" on Your Nose.

BY IDAH MCGLONE GIBSON.

"Nowadays when all women use more or less make-up I think they would be more desirable to look at if they would do it more artistically," said a man to me the other day.

"Perhaps, they might gain some points from the women of the stage. Ask some of them to tell you the secrets of the powder-puff some time,

won't you?" Ie finished.

Blanche Ba is nappened to be the first actress I went to see after this conversation, so I put the question to

'Come up after the first act and I'll show you how I make up," she said. "I have a long wait then." The artist and I were seated in the pretty little dressing-room and had time to take a look around before the

actress made her appearance. The mirror was hung in the centre of her make-up shelf. Beside the numerous brushes, combs, jars of cream and boxes of powder, there stood at one side a picture of Miss Bates' mother and close beside it was a volume of Materlinck's "Life of the

Just then in came Blanche Bates in a perfectly lovely dress of cream Bilk ratine combined with tan crepe du chine. A black hat with tan feathers made the artist remark about its becomingness and he started right in to draw her, but those feathers bobbed about so as she palked that he had hard work doing it

"Well, I'm all made up, you see!" said Miss Bates, with a smile.
"But I can tell you how I do it!" And she immediately began to frivol with the hare's foot and fuss about her face with a puff.

Every actress makes up a little differently for a different age and a different character, she said first.
"In this we differ from the usual society woman, who always uses the coloring of sweet sixteen and perfect

innocence even after forty. "The heroine of The Witness for Defense,' in which I am playing now, is a woman of refinement, but she has lived through bitter experiences. Her face must look like that of any other nice woman over thirty. Her cheeks and lips must not be too red and her eyes must have the heaviness of unshed tears. There must be a slight droop to the features-not enough to suggest age, but certainly enough to intimate sorrow.

"Yes any woman can do all this with a careful make-up and I advise a man who is married to a clever she has set her heart on! She has always wear it.

German East Africa? DAUGHTER.

bro-spinan meningitis in some places:



woman to look 'a little out' when wifey the same kind almost every woman blue. appears pale and unhappy and seems uses when making up for evening. It "For my eyelashes I use black grease her ear a pinky hue. I have never

THE NEW PUBLIC HEALTH

Conducted by Institute of Public Health, London, Ont

offering no safety from the bat.

Questions should be addressed "The New Public Health," care The Advertiser, London, Ont,"

It is easy to see how some of these

QUESTIONS.

Advertiser Bureau of Public Health Information JESTIONS. ANSWERS. COMMENTS.

"For my lips I use a grease stick, under my eyes with a tint of deeper putting a little more powder, fixing up

pencil with which the old style surgeon She did not, however, have to make

her eyebrows or tinting the lobe of about to collapse. She may be training uses when making up for evening, it "For my eyelashes I use black grease her ear a pinky hue. I have never for a trip to Palm Beach or it may be is of a very dark red. My hair is paint, but I do not 'bead' them. For yet seen an actress who could resist a diamond and emerald dinner ring combed in the flat braids in which I the shadows about my eyes I use that her make-up box if she were near it.

> corresponding with the market first. period while the germ flourishes. ertain other diseases which also afect mucous membranes, notably diphtheria, an actual immunity is produced in the body by the efforts (if successful) of the body to protect itself. In diphtheria such immunity lasts perhaps a number of months or even year or so. But in ordinary colds, the DIAGNOSTIC AND ANALYTICAL germs are of a different type from the diphtheria germ and the immunity if produced at all, is very weak and is a "cold" a germ disease and if so, transient. In both diphtheria and colds, the body, whether sufficiently

use, but it is easy, to appreciate, from are rather easily tamed, but for a seen persons working in dust or strong upon the whole body, often does no harm? It seems more likely that the action of a draught is to reflexly set up a condition, described above as non-infectious cold, and that the heretofore in harmless small numbers, may take advantage of the increased secretions to grow more rapidly, thus increasing irritation until a regular infectious cold is in full swing. In brief, like other germ diseases, the "cold," its kind and its severity depend first of all on the kind of germ present and second, on the number of those germs, i. e., the size of the dose. There are several other factors, but these

> R. N. I wish to ask if strong, robust persons do not resist germs more successfully than their weaker brethren, or is it simply chance which keeps them healthy while other less fortunate mortals, apparently more given to the washing of hands, contract disease?

two are certainly very important ones.

H. W. HILL.

Answer.-Robust people as a class are not less susceptible to infectious germs than weak, nor are they more susceptible, as has been sometimes

directly; suppose also that the heart is affected indirectly by the obstruc tion in the lungs increasing its wor in driving the blood through of course it is evident that a strong vigorous heart may last much long under this increased strain than weak flabby heart. But, taking it "by and large," the effects of the poisoning in the infecshe has set her heart on! She has always wear it.

made her toilet with that in view!

"Here is how I make up for a woman of thirty or so:

"First, I apply a very heavy cold which still lacks the first freshness of cream to make a good ground work youth. I put a little blue-gray grease to build only a very heavy cold and darken to build only a very heavy cold so build only a very heavy cold so build only a very heavy cold only a very heavy cold so build only a very heavy cold so build only a very heavy cold only a very heavy cold so build only a very heavy cold only a very heavy cold so build only a very heavy cold to make the intended to make the tious diseases usually outweigh any he germ-poisons faster than apparently learns make unconscious of them, because used to very few, diseases the physician can them, while newcomers to the same supply the antitoxin ready made, as conditions show very much distress. in diphtheria. But in most infections Infectious colds, being due to living it is not a fight so much as it is a race rritants (germs) growing within the between the germs and the body, to body, are comparatively prolonged, the see which can get is products of ANNOUNCEMENT. POSTGRADUATE COURSES FOR Physicians, Dentists, M. O. H.'s, Bac teriological; Chemical;

May and June 1913.

SERVICE. As Furnished Heretofore by the Provincial Board of Health, Begins April 14, 1913.

INSTITUTE OF PUBLIC HEALTH. London, Ontario.

An indirect result of the opening of the Panama Canal will be the increased use of Chile iron ore by United States steel concerns. Mr. Charles M. Schwal is reported as saying that his company yould use 200,000 tons of Chile ore in 1915 instead of 50,000 as at present.

RECORD OF A **GREAT MEDICINE**

Doctors Could Not Help Mrs. Templeton-Regained Health through Lydia E. Pinkham's Compound.

Hooper, Nebraska. - "I am very glad to tell how Lydia E. Pinkham's Vegetable Compound has helped me. For five years I suffered from female troubles so I was scarcely able to do my work. I took doctors' medicines and used local treatments but was not helped. I had such awful bearing down pains and my back was so weak I could hardly walk and could not cold" germs if present, although ride. I often had to sit up nights to sleep and my friends thought I could not live long. At my request my husband got me a bottle of Lydia E. Pinkham's Vegetable Compound and I commenced to take it. By the time I had taken the seventh bottle my health had returned and I began doing my washing and was a well woman. At one time for three weeks I did all the work for eighteen boarders with no signs of my old trouble returning. Many have taken your medicine after seeing what it did for me. I would not take \$1000 and be where I was. You have my permission to use my name if it will aid anyone."-Mrs. Susie Tem-PLETON, Hooper, Nebraska.

The Pinkham record is a proud and peerless one. It is a record of constant victory over the obstinate ills of woman-ills that deal out despair.

Pinkham's Vegetable Compound has restored health to thousands of such suffering women. Why



Won Its Favor Without a Flavor

When you eat a breakfast cereal you want to do your own flavoring or seasoning. That's the reason you will choose

for your morning meal. It is a natural, elemental food made of the whole wheat steamcooked, shredded and baked a crisp, golden brown. It is not flavored or treated or compounded with anything and hence keeps indefinitely in the market—the standard cereal food eaten all over the world.

For breakfast heat the Biscuit in the oven a few moments to restore crispness; then pour hot milk over it, adding a little cream; salt or sweeten to suit the taste. It is deliciously nourishing and wholesome for any meal with stewed prunes, baked apples, sliced bananas, preserved peaches, pineapple or other fruits. At your grocer's.

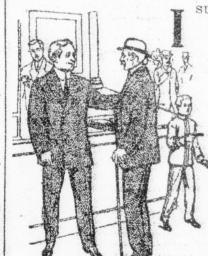
MADE IN CANADA A CANADIAN FOOD FOR CANADIANS



The Canadian Shredded Wheat Co., Ltd. Niagara Falls, Ont. Toronto Office: 49 Wellington Street East

HAD RHEUMATISM IN ALL MY BONES

"Sometimes I Could Hardly Walk!" 2 Boxes of Gin Pills Cured Me.



SUFFERED from Kidney Trouble for five long years. I also had Rheumatism in all my bones and muscles-could not sleep at night -and sometimes could hardly walk. I was treated by some of our best physicians but without relief. I lost over fifteen pounds, was very weak, and friends, who had not seen me for some time, were astonished. One day, I met one of our leading hotelkeepers, who had been cured by Gin Pills, and he advised me to try them, so I bought two boxes at my druggist's.

Before I had used one box, I felt a big

change for the better, and before the second ox was gone, I was completely cured. I assure you I can hardly believe it for if I had known what I know now about Gin Pills, I would not have spent over one hundred dollars for nothing, when two boxes of Gin Pills cured me. Anyone suffering from Kidney Trouble

or Rheumatism, should never be without Gin Pills. EUGEME QUESNEL, Chief City Circulation Agent, "La Patrie," Montreal.

Drive your old enemy out of your system. Be free of pain. Be able to walk and work and enjoy life. Away with pain in the back, Rheumatism, and Cliney Troubles. Take Gin Pills, A few boxes now, will mean ease and mfort for the rest of the year,

Remember, Gin Pills are sold on a positive guarantee to give satisfaction your money refunded. 50c a box, 6 for \$2.50. You may try them before a buy them. Sample free if you write the National Drug and Chemical npany of Canada, Limited, Toronto.

> BUY MATCHES AS YOU WOULD ANY OTHER HOUSEHOLD NECESSITY.

EDDY'S MATCHES

Are unequaled anywhere in Canada.

All dealers sell them-volume of output permits it. They give greater satisfaction-high standard of materials guarantees it. They are most popularsixty years "delivering the goods" explains it.

"Always, Everywhere in Canada, ask for Eddy's Matches."

35 Brands For All Demands.

The increasing use of automobile pier of one of his houses who had been ises for transporting passengers in a tenant for more than one year he y streets is emphasized by the anuncement that Pittsburg is to have bus line of this kind. The 'buses are be 30 feet long, and will seat 34 peoele. In these days of asphalt pave ments the use of auto street cars may come widespread, for the great exense of laying steel rails is thereby

Wichita, Kansas, has 24 "Gospel ams," or groups of enthusiastic converts who conduct religious services in halls, shops, the open air, or wherever they can get a hearing. These teams, an exchange reports, are the outcome of a revival conducted by Billy Sun-day, the evangelist. They are said to

last year.

left \$100; to each who had been a tenant for over six months, \$50. It is to be hoped that this will may not be contested, for it suggests pleasant associations in relationships which are someimes strained.

"Parcel post is a great thing." "Yep," ssented the grocer. "You can stick a stamp on a can of corn, and send it right out to a farmer."—Judge.
"There's a foreign couple living in

the flat next to us, and they are simply a torment to my wife." "Why so?" "They quarrel incessantly, and she can't understand a word of it."-Louis-

ville Courier-Journal. Mrs. Gramercy-"Whatever will you have made 2,000 conversions in the do if business ceases to be profitable in a year or so?" Gramercy-"Don't be A novel bequest is announced as be- alarmed, my dear. By that time we'll ing in juded in the will of a wealthy have sold all the stock in the company New England landlord. To each occu-to the public."—Puck.

that their favorite place of temporary nesting was among ladies' hair. A bat could consequently clear a room

In what way are bats injurious? Do they carry vermin? There must be some cause for the dread which they so generally inspire.

Answer.—The bats that are native to Canada and the northern United States are not injurious in any way; on the contrary, feeding as they do exclusively on insects, they should be regarded as beneficial. There is no reasonable cause for the eerie feeling

the above, how quite impossible, it would be to study scientific subjects a

all or to record the result found, with-

out an exact language for the pur-pose: H. W. HILL,

BAT.

which their presence inspires in some-In the neighborhood where the writer of this note went to school it was current belief at that time that bats were distributors of bed-bugs; that on warm nights they would suck blood from children's uncovered toes; and

prejudices are transferred to the in- and are spread by in others, it means typhus fever; in Montana it means Bitter Root Valley more and interesting little creatures of the north temperate regions and persist against abundant opportunity measles, etc., are spread. fever, which is also called "Rocky to refute them. A bat, hunting insects There are also non-infectious af- usually short, but sometimes weeks Mountain fever," but is wholly differ- for a quarter of an hour in a lighted fections, resembling colds, but usually or months. The presence of the diphchurch on a Sunday evening, will reveal to an observer how much, or
tation by non-living chemical or
rether how little many people know ent in every way from "mountain fever." "Black diphtheria," "black rather how little, many people know smallpos" and other "black" diseases about the furry folk that live in their the mucous membranes, such as dust, are very often thought to be special attice.

diseases by the public, but are really For nearly every kind of animal, Hay fever is an excellent example. is a constant menace to those who perhaps for every kind, there is some Then also by "reflex action" (i.e., by only severe diphtheria, severe smallpox, etc., when accompanied by extensive hemorrhages into the skin. Pneumonia was often called "caked lung" thirty years ago: "consumption," for "tuberhave examined a good many bats but distance from the nose, conveyed or have never seen a bed-bug, or any reflected indirectly to the nose) a reason, the cold recurs.

patients then "touched" the king for a shilling each, as the then kaw allowed. Indeed, it was truly a "touching" epiandeed all round.

In measures five feet from tip to tip, but stantly renewed, such "colds" are colds, by lowering the lesistance of usually short-lived, while if the irritant the body to the germs. There is very smoke, dust, etc., continues to be little evidence for this belief in the sode all round. People often laugh at the very technical language which scientific men

Private questions accompanied by a stamped, self-addressed envelope, will receive private answers. Medical treatment for individual cases cannot be prescribed. DAUGHTER.

of young women in less time than a number of reasons they do not make mouse at large—the chairs and tables satisfactory pets.

JOHN DEARNESS.

Answer.—Jungle fever is a local prejudices against bats had their name for malaria. These local names origin. Children's illustrated books of are interesting, but confusing. Thus animal stories recounted the habits of where do we get the germ? A. O. F. are interesting, but confusing. Thus some of the tropical species and pic- Answer.—"Colds" in ordinary par- immunized or not to overcome the confusion of the lance, are certain affections of the leffects of the germ, is not often imtain fever," in the Southern States, is some ones. It is a sad reflection on mucous membranes due to irritation munized sufficiently to destroy the typhoid; "spotted fever" means cere-

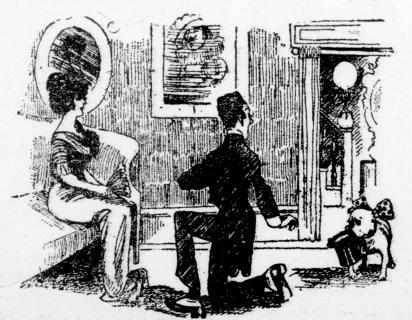
smoke, strong fumes or scents, etc. But the presence of the "cold" germs species of ecto-parasite or "vermin." I some impression upon the nerves at a have little or no immunity and if the

culosis of the lung," has not yet com-culosis of the lung," has not yet com-culosis of the lung," has not yet com-culosis of the lung, on any of them. I somewhat similar condition may be cannot say that a bat hanging all day produced. Bright sunlight will set ties" for "bronchitis" although only under a badly infested bed might not some people sneezing their heads off: it must be remembered that colds are amongst very illiterate people, is still be visited by a thirsty insect, but I draughts on the head will give some very difficult to study watefully. Moreoften heard.

"King's evil," a skin disease of some sort, perhaps eczema, was so called besort, perhaps eczema, was so called besort perhaps eczema, was

sort, perhaps eczema, was so called because the tradition existed that the King of England (perhaps any king) could cure it by touching the sores. Monarchs of Merrie England down to a few centuries ago held regular sessions for "touching" the afflicted. The patients then "touched" the king for a patients then "touched" the king for a country there are only three or usually short-lived while if the imitant. The fact it never often precipitate these non-infectious colds similarity of the different symptoms. It has been widely believed that "clouds" act on the body to precipitate these non-infectious colds. Thus the non-infectious chiefly in this—being due to a chemical, physical or mechanical non-living irritant, which quickly disappears unless constantly renewed, such "colds" are colds, by lowering the resistance of patients then "touched" the king for a constant the body to the germs. There is very trouble to pursue a bat to kill it, is to it quickly, and then the irritation giving evidence of either savagery or subsides, despite the continued presignorance. Some individual species ence of the irritant. Everyone has trouble, when a sweeping wind, beating

FIDO MADE A MISTAKE



MISS VERA WILLING'S pet dog does his star trick just as Mr.

Slowboy is proposing.-Fun.