Hille: Dr.

Although the present age excels in structive industries one sees work the art of hurrying in matters in speeded up by the use of pneumatic which machinery is used, it is surpris- and other tools for which modern ing how smart our ancestors in the science is responsible, and road conearly part of the last century could be struction and repair work has been

For example, in 1837, when wool The papermaking trade can boast was spun on the old jennies and weven of some famous feats in the way of on hand-looms, a jacket and vest were quick work. On one occasion three completed at Ettrick Mills in sixteen trees were felled at 7.35 a.m., and hurhours; but in 1816, an American paper | ried to a factory, where they were having recorded that "at a woollen fac- sawn into pieces about one foot long. tory at Holliday Cove the wool shorn. They were then conveyed to five defrom the back of a sheep in the morn- fibrators. The wood-pulp was run ining was washed, carded, spun into to a vat, mixed with the not altogether yarn of eighteen cuts to the pound, harmless but quite necessary chemiwoven, dyed, fulled, dried, shorn, and cals, and the process finished; the made into a coat and worn, all in the liquid pulp was sent to the paper maspace of twenty-four hours," the same chine, which at 9.34 turned out the feat was performed in England in first completed sheet of paper, one twelve hours and twenty minutes, hour and fifty-nine minutes after the Subsequently a Canadian firm accom- first tree was felled.

a Berkshire baronet who bet a hun- trees had been converted into newsdred guineas that he would dine at papers ready for delivery. seven o'clock in a suit of clothes made | Shoe manufacturers, too, display

As the bet was covered, the expon- In the United States shoes have ent of the art of hurrying directed that been made in sixteen minutes; in the operations should begin at 5 a.m. with Midlands of England in twenty minthe washing of sufficient sheep to pro- utes; and at the Agricultural Hall, Isvide the wool. From a neighboring lington, when the leather passed factory the wool was returned as cloth through fifty-three machines and relate in the afternoon, but early enough | quired the attention of sixty-three peoto permit of a tailor and his assistants | ple. in thirty-five minutes.

The recent remarkable performances, completing the suit by 7 p.m., in plenty at Southampton in coaling the White of time for the baronet to don it pre-Star liner Homeric by hand in record paratory to sitting down to his even-

working hours, stand out as conspicu- way Company performed the feat of ous examples of what can be accom- building a locomotive and tender of plished when human energy as well as the goods type in nine hours forty-

when occasion necessitated their "get- greatly accelerated recently by the

There is the well-known case, too, of miles away, and by 10 o'clock the

from wool which had been growing on wonderful keenness in beating re-

word, for, as time goes on, conditions in Canada change, and with further heat, which explains the stories tra-CANADA'S CLIMATE the so-called Arctic climate is being unbearable swelter of the Arctic sumhave read Stefansson's article on climate in the February, 1922, World's Fort Yukon, Alaska.

Human Energy Developed to Before quoting from that article however, let us just joint out that this question of excessive Arctic climate and unproductive Northern areas is fast losing its foundation. Settlement With the shortening fall days and in the Peace River country, in Norththe approach of winter months, once ern Ontario and in Quebec, is going again arises in foreign publications on apace, and areas that, like the arguments and opinions as to the de- Northwest, were once considered unstrability or disadvantages of Canada's inhabitable and uncultivable, are now proving desirable and productive We who live in Canada are quite Back in the early nineties, wheat satisfied with our winter climate; we grown a thousand miles north of the know it is both desirable and advant- international boundary took first prize ageous, and that without it we could at the Chicago International Exhibinot hope to raise the finest hard wheat | tion, since when settlement in that in the world and the splendid crop of area has been steady and expansive. sturdy, healthy, young men and wo. When Canada is possesses of a populamen. Farmers know that bracing cold tion of eighteen millions instead of weather puts bone and muscle, fat and eight as at present, this question of hide on horses and cattle; lumbermen uncultivable Northern areas owing to and trappers that snow solves their excessive climate, will have faded just transportation problem; while to the in the same way as the question of the lover of outdoors sports, winter time fertility and livableness of the Northin Canada is a season to be antici- west faded with time and experimenpated. Finally, vital statistics bear tation. But let Stefansson speak for

found than in Canada, and the state of measured not by the length of the World, and to a railway which is is all we have." he said. of hours of sunlight, and that there est of all railway systems. In a very eulogistic article on Cana- are as many hours of sunlight in three "Human energy, mental and physida in the October issue of the Inter- months of Arctic summer as in six cal, is developed to the highest degree national Bulletin published by the In- months of tropic summer, giving the in the Northern climates. It may also, reasoner assumes them to have. This on plateaus and where the sea breezes tions which explain the universality any such elaborate arguments as those

## A Man to Admire.

The factor of Barriere Post. son's Bay Company, is an exceptional After reading Mr. Ralph G. Stoddard's article in Outing, we should say that the factor-his name is Alston-probably would do well anywhere either among the polar bears and Indians of the ice floes or among the lions and blacks of the jungles.

One winter evening, writes Mr. Stoddard, the factor, who was returning to his store, noticed that something, apparently a large dog, was following than upon hearing. him. When he looked round again he thought that the animal was rather big for a dog. And it seemed to be coming pretty close to him. Then he understood. It was not a dog; it was

Alston had no weapon of any sort lantern, and he knew that if he tried to run, or if he showed any signs of fear, he was lost. So, turning round, he walked toward the bear, waving the lantern in his face. The bear reared by. on its hind legs and waited till he was only a few feet away; then it dropped

to all fours and sauntered off-bluffed! But Alston also knows how to "call a bluff." Once during a very cold winis a little village that is the centre of Fernandez, where Alexander Selkirk know very well you are going to Cra-Nelson; with him he took three of his pupils waits in vain for a teacher to masterpiece, is to be transformed into own Indians, two men and a boy. take the place of the one whom they a holiday resort. When the time came to start back one have lost. Each of these pupils is It belongs to the Chilian Govern-

ed the factor. "I laid out plenty of pro- there as to the first place It might, Naturally, the great curiosities of "George take them," was the answer,

"Did you see him take them?" asked "Well, then, why didn't you tell

answer to give; it was evident that he the music teachers.

Alston naturally would return when he

found that he had no provisions, for the provisions and divided them into Medicis by the Ambassador to Lisbon, of it in January and June and get two the student was thirty years of age, he three portions. "Now," he said to the Jean Nicot. going to Port Nelson. I want you to

realize that when a white man sets out to do a thing he does it!" They made the journey in bitter cold weather in four days with only one day's provisions and arrived thoroughly exhausted at Port Nelson. The Indian man had a frozen foot. What a On these terms Mr. Ikey Fingelstein pity it could not have been the Indian

> A traveller rushed up to a stranger on a railway station just as the train was about to start, and asked:

> "Well my friend," said the traveller, "you might do me a favor. I have two big trunks, and they always make me pay extra for one of them. Would you mind taking one, it will cost you noth-

Unexploded shells, bombs, and other | "But I haven't a ticket!" said the 6,600 have been picked up in Paris "I thought you said you were going -

> "Yes, I am!" was the answer. "I'm one of the company's inspectors!"

The Language of Bees.

Can animals and insects talk to each on bees, discovered many interesting sume poison with our meals? facts about the system of communication adopted by these creatures.

long the dish was covered with bees. | comfortable time.

The sugar was removed and most of An ounce of saltpetre has been that the later arrivals were not es- stance for some other form of salt. corted by those who had been before. Mention of salt brings to mind the have been sent.

handed over its load of sugar to the of the stomach. The unmarked bees soon ceased to pay flavor.

with two dishes, one white and one liable to bring about stomach trouble wife's funeral in the same carriage yellow. Both were filled with sugar and sometimes worse effects. The with his mother-in-law. All his proand left in the window. The bees amount used in curing fish, however, tests and evasions having ultimately were marked with white or yellow, ac- is so small as to be almost negligible. failed, he leaned over and growled at cording to the dish to which they flew. Even your iced Christmas cake can- the funeral director: "Well, you've The dishes were removed and the not be absolved from the charge of be- spoiled the day for me, that's all!" white one emptied. Afterwards both ing poisonous in a slight degree. That were replaced in the window. The full delightful almond flavor, appreciated dish was discovered by a yellow bee, by most people, is a sign of the prewhich returned to the nest and repeat- sence in the icing of prussic acid, ed the dance. Both white and yellow than one ounce of which is sufficient bees then flew back to their dishes, to kill two or three people in a very the white ones of course, finding noth- | short time. ing waiting for them.

is able to convey information as to the of sweets and confectionery. presence of food, but that it cannot Then, again, such familiar items as cipient of the message. The language large quantities. is obviously founded on touch rather | Black pepper contains an alkaloid

#### Making Ends Meet in Music Education.

The problem of making "ends meet" man swallowed half an ounce of while continuing their education in cayenne pepper and died in agony a music is often the most pressing ques- few hours afterwards. to-day. Yet many times the very peo- ence in tea or coffee, owing to the cafple who need it most pass by an op- fein these drinks contain, is decidedly portunity at their doors and going far- injurious to health. ther afield to make money fail dismal-

As one instance: In the city of Ottawa there is a good conservatory with land will be possible in the near fu- "You want me to believe you are go-"Why is that all we have?" demand- quite so convenient for a student to go boat service is to be run.

much to some teachers, but then what passed the best part of his life. First, about the opportunity for rendering there is the grotto where he made his real service to those children who are dwelling; it is carpeted with ferns and still looking for their music teacher? climbing plants. All around it grows

stayed behind. They had supposed that districts of this great Dominion?

the temperature was down far below Island of Tobago in the Caribbean Sea, where it was discovered, but Mrs. Exe-"Does your husband re- the University of Gottingen. But Alston knew that if he did turn "nicotine" was the name first given to member the anniversary of your marback his prestige with the Indians tobacco in France through the intro- riage!" would be seriously injured; so he took duction of the herb to Catherine de Mrs. Wys-"Never; so I remind him see. Upon receiving the reply that

## Poisons You Eat Every Day.

How many people who were startled other? A German scientist, Professor by the recent epidemic of food poison-Karl von Frisch, when making tests ing realize that daily most of us con-

Bacon, for example, which figures on most breakfast tables, contains a small He placed a dish of sugar solution amount of saltpetre; it gives the rind on a table by an open window. A bee its coloring. Take a dose of an ounce came along and, having stolen as much or so of saltpetre, and even if you do as he could carry, flew away. Before not die you will have a decidedly un-

the insects disappeared. When the known to kill a person in two hours dish was replaced, the swarm return- while medical records contain numered. By touching the back of each bee ous instances of people having been with a spot of color, it was discovered made very ill by mistaking this sub-

and it was concluded that they must little known fact that a favorite Chinese method of committing suicide is The next step in the investigation by taking a cupful of the common was to study the behavior of the bee table variey. In any more than small which had discovered that the sugar quantities salt is a violent gastric irhad been replaced in the window. When ritant, one of the effects of which is Ennius. "Don't I know your voice?" the creature returned to the nest it the setting up of fatal inflammation

figures. The other bees watched care- other is oxalic acid, a distressingly self!" fully, and attempted to touch her. powerful irritant and poison when In contrast with that is the modern When one of the bees which had been taken in sufficient quantities. It is joke—an American story—of a little marked succeeded in this, it flew out found in roubarb and sorrel, and gives old lady who went to church one Sunimmediately and went to the sugar. both their pleasant thirst-quenching day morning, stepped quietly down the

quently preserved in a preparation "Is this pie occupewed?" Then the experiment was repeated containing formaldehyde, which is A man was compelled to ride to his

Many of the cheapest kinds of jam All this showed that bee language contain arsenic, as do inferior brands

describe the position of the find unless | cloves, nutmegs, horse-radish, and certhe place is already known to the re- tain herbs are poisonous if taken in

> poison known as piperine, while the cayenne variety, better known perhaps as red pepper, is even more potent as a poison. A case was reported in which a wo-

tion which confronts the students of All doctors agree that over-indulg-

# On Crusoe's Isle.

ter he visited some Indians who were a flourishing farming community, and spent four years of his life, and whose cow!" perhaps eight days' journey from Port in this village a class of twenty-four story led Defoe to write his famous

of the Indians whose name was George willing to pay fifty cents for a half- ment and can be reached by steamer complained that he was not feeling hour lesson, while one family in the from Valparaiso. The island is thirtywell and said that he was not ready to village offers free board and lodging six square miles in extent, and is start. Alston was satisfied that there for a day and a night each week to heavily wooded with splendid tree was nothing the matter with the fel- any teacher willing to go from the city ferns, orange trees, myrtles, and sanlow, but that he simply wanted to stay to give lessons to the children The dal wood. It is mountainous, and full and visit a little longer with the In- railway fare to and from this village of ravines and torrents. Crowds of dians at the encampment. So he said amounts to one dollar and fifteen wild goats roam through the underto him, "All right, we shall return cents This leaves a profit of ten dol- wood, and myriads of humming birds

the Gatineau Hills, but it would not be be erected here, and a bi-weekly-steam-

the island are the places where Robin-Fifty cents a lesson may not be son Crusoe, according to the story, There must be many other little vil- the pologony, a curious plant, from The Indian boy had no satisfactory lages in Canada in need of help from whose gigantic leaves he made his as well as the third Indian was play- What about it? Are we going to and even washing basins and tanks. ing the game with the one who had neglect our little friends in the rural There is the little bay in which he used to moor his boat, and the plateau on which he built his cabin.

## An Ideal Memory.



QUAINT ELECTIONEERING IN ENGLAND Mrs. J. Tudor Rees overcame the difficulties of electioneering in the unique fishing town of Clovelly by climbing its steep streets on a donkey. The picture shows how the streets are built.

## Types of Humor Throughout the Ages

In different ages and in different countries there has been and is a wide divergence in appreciation of humor, and it is remarkable the various types

of jokes that arouse laughter. There is, for instance, a classical Latin joke which is really an Irish "bull." Cicero tells how his friend Nasica avenged himself upon a Roman named Ennius, upon whom he had paid a call.

He had been informed by the maid that Ennius was not at home; and when it came about that Ennius called upon him, he stuck his head out of the window and said, "I am not at home."

#### Spoiled His Day.

"What are you talking about?" said "Why, you rescal," said Nasica, "I believed your maid when she told me workers, and then executed a curious | Another salt of which most of us you were not at home, and you won't dance, describing circles and other partake fairly freely at some time or believe me even when I tell you my-

any attention to the discoverer of the Bloaters and kippers are not infre man, and asked him in a loud whisper, aisle, leaned over an elderly gentle-

#### The Best Remedy.

Once a man who was subject to epi leptic seizures was picked up uncon they took off his coat one of the nurses found a piece of paper pinned to the lining, upon which was written: "To inform the house surgeon that this is just a case of plain fit-not appendi citis. My appendix has already been removed twice."

A lecture manager once telegraphed to Artemus Ward, the famous humor ist asking him what he would take for forty nights on the Pacific Coast. He wired back, "Brandy-and-water."

Charles Lamb was very much puzzled by a whimsical story, which he describes in one of his essays. "An Oxford scholar," he wrote, "meeting a porter who was carrying a hare through the streets, accested him with this extraordinary question; "Prithee sir, is that thy own hare, or a wig ' "

Two Russian Jews met in a railway

"Where are you going ?" sald one. "To Cracow," said the other.

or so away on the line of the railroads | The charming little island of Juan say you are going to Cracow. But I

### A Scoffald Jest.

A schoolboy once defined a marsu-

treason, set foot upon the scaffold it shook a little, and he said to the executioner, who offered him a hand, "Help me to ascend-I will shift for myself coming down."

Here is a humorous incongrulty in verse:--

very deaf was my grandfather Squeers.

That he had to wear lightning-rods over his ears To hear even thunder, and oftentimes

He was forced to request it to thunder

## Freud's Fun.

Freud, the psychologist, gives an example of another type of humor in the

exclaimed: 'Aha, so I have the honor of seeing the Thirty Years' War!" "

As another instance of wit Freud recalls the remark of a certain character that "I sat next to Selomon Rothchfld. who treated me as if I were an equal, quite famillionaire."

..... The greatest thief this world has ever produced is procrastination and he is still at large.- H. W. Shaw.

----The time has come when it is going to pay in dollars and cents to grow trees. When foresters can demonstrate to the paper manufacturer that he can afford to grow pulpwood, we are going to see the same sensible turning to forestry that we have seen in the turn to better banking methods and better me bods of manufacture.

Sitka spruce, found in British Columbia, is said to be well suited for the manufacture of sounding boards for pianos, violins and violoncellos. This is the finding of Professor Percy Groom, of the Imperial College of Botany, London, who was commissioned after the war to look into the question of finding new material for



mechanical appliances are put to the seven minutes.

ADVANTAGES OF

HEAT MAKES PLANTS

GROW.

Highest Degree in North

Says Stefansson.

LIGHT RATHER THAN Work. 'The Livable North,' the following quotation will be familiar; to those who have not read it, it will be of in-

Old Beliefs Broken Down.

will a healthier class of children be will a healthier class of children be growth of grass and other plants is justice, called 'The Bread Backet of tained about one day's rations 'That the district which is now, with some justice, called 'The Bread Backet of tained about one day's rations 'That the district which is now, with some justice, called 'The Bread Backet of tained about one day's rations 'That the district which is now, with some justice, called 'The Bread Backet of tained about one day's rations 'That the district which is now, with some justice, called 'The Bread Backet of tained about one day's rations 'That the district which is now, with some justice, called 'The Bread Backet of tained about one day's rations 'That the district which is now, with some justice, called 'The Bread Backet of tained about one day's rations 'That the district which is now, with some justice, called 'The Bread Backet of tained about one day's rations 'That the district which is now, with some justice, called 'The Bread Backet of tained about one day's rations 'That the district which is now, with some justice, called 'The Bread Backet of tained about one day's rations 'That the district which is now, with some justice, called 'The Bread Backet of tained about one day's rations 'That the district which is now, with some justice, called 'The Bread Backet of tained about one day's rations 'That the district which is now, with some justice, called 'The Bread Backet of tained about one day's rations 'That the district which is now, with some justice, called 'The Bread Backet of tained about one day's rations 'That the district which is now, with some justice, called 'The Bread Backet of tained about one day's rations 'That the district which is now, with the same inducement tained about one day's rations 'That the district which is now, with the same inducement tained about one day's rations 'That the district which is now, with the same inducement tained about one day's rations 'That the district which is now at the day of

heat that makes a plant grow fast. But to take whatever they wish from the

ternational Institute of Economics of plants, therefore, in reality, twice as in some cases, be developed to a high Alston. New York, one of Canada's great long a growing time as the careless degree in Southern countries, notably drawbacks is stated to be the climate. "Cosmopolis," who writes the article, is one of the fundamental considera- blow freshly. We need not go into me?" "Canada's chief disadvantage is that and luxuriance of vegetation in the of Ellsworth Huntington's book 'Cliher farther northern climate renders North that is always so startling to mate and Civilization,' to prove to any her products less diversified than the traveller who goes North with a thoughtful man that so long as we America's-by which he means of mind furnished with ideas derived have a competitive civilization and course the United States-and grips from school geographies." great areas in frosts that forever for- "It seems to be light rather than allow the energetic and the powerful bid cultivation of them." On the face of it, this would seem to if it were heat, the polar plants would lethargic and the weak, so long will be fact, but it would be difficult to con- not be badly oil. A fairly simple the North continue to dominate the vince Stefansson and other recent mathematical calculation shows that South as it is doing to-day, for it pro-Northern explorers of this fact. "For- from the first week of June to the duces the one crop that matters men ever" as applied to cultivation and liv- second week of July, the earth at sea of unsleaping energy and restless aming conditions in Canada is a doubtful level receives from the sun more heat bition."

PICKED UP ACTIVE SEA MINE

The fishing versal Scorpio recently picked up a live mine in its nets of Scarboro, England. She wan taken to harbor and isolated while the firing apparatus was removed. The mine and the extracted mechanism are shown in the ricture.

Twice Nothing. Thomas was not the brightest specimen on earth, and, try as he might, he

'Vat is your present salary?" asked

And Thomas was quite satisfied-

until he had had time to think over

the generous offer.

could not succeed in obtaining a situa-

He would offer his services free for a fortnight.

The fortnight having expired, Thom-

Fingelstein. "Nothing, sir," said Thomas.

"live" war souvenirs to the number of stranger. streets since the beginning of this by this train?" exclaimed the travelyear; it is suggested that owners of ler,

ing" them to get rid of them.

-AND THE WORST IS YET TO COME

0 11

plished the work in nine hours and a The manufacturers then took the paper to a printing establishment two

per square mile per day at the North Pole than at the Equator. In mountainous regions, such as Greenland. there is left over from winter, stored snow to counterbalance locally this tremendous downpour of heat; but on

the far more extensive polar low-lands of Siberia, Canada, Alaska and the Canadian Arctic islands, there is no stored-up snow to temper the summer records as 100 degrees in the shade at

Examples of Unconscious Humor. "The speeches in Parliament of Sir Edward Blake and others are nov classic in Canada and are there the best known examples of unconscious humor. The English language taxed to its capacity in showing the obsurdity of the building of the Canadian Pacific Railway. The argument said in substance that the expense of building the road would be so great that, even were we to accept the most optimistic view of what the resources

of the Prairie Provinces might velop into, even so a reasonable freight tariff for carrying them to the Atlantic would never pay for the axle grease of the freight cars. Opponents of the road were willing to concede that if anybody had the incredible folly to squander that much money the road could be built. They admitted further, that it could undoubtedly be operated in summer, but submitted that it was preposterous to suppose that it could be operated in winter, and there followed the self-evident conclusion that the railway coul

never be profitable, for 'no enterprise can be profitable if it is operated only "It is hard now to realize that this

so long as public opinion continues to

At last a bright idea occurred to him

engaged him. as asked for a "rise."

Mr. Fingelstein contemplated the "Vell, my poy, your vages is doub-

these dangerous articles are "dunip-

who had remained behind! A Slight Error.

"Are you going on this train?" "I am!" was the reply.