OUEER CRAFT.

A Ska was Thrilling Experience in North umberland Straits.

I had been speading the Christmas holi-days with friends in Prince Edward Island, and was crossing to the mainland on my way to Ottawa when our stout steel steamer ran inte a pack of ice just outside Pictou harbor, and seemed likely to be delayed there for hours. There was nothing to do but make the best of circumstances, so the that.

"You wouldn't find winter swimming was, and might be avoided by keeping well pleasant," said a young doctor. "Have you ever tried it ?" asked the fat to the north.

"Had to once." .The doctor's expression betokened recollection of a woful experi-

"Tell as all about it. Come, out with and took a course a couple of points north the story," and at the word story there was a general shifting of chairs to face the doc-I soon real

"Well, all right. It will help to pass the as to make progress a matter of difficulty,

time," said he, "so here it is."

In the winter of 1885 I was going to though, but to set my teeth and struggle school at Pictou Academy, and a cold on. winter it was. The harbor froze so early that several barques were shut in. The ice noon, and still more by that of the last held, and before long it was so thick that hour and a half, I felt a great weariness

Going to school was a hard trial those days. With eyes on our books, we thought of nothing but skating. Why should dull this condition, when suddenly I felt a senlearning enchaic boys who wished to scud down the harbor to East River, and whiz along its crocked course? But you all know In the same instant I was struggling in the how we felt. After school we'd skate till cold water of the harbor, clutching with late at night, illuminating the harbor with my mittened hands a piece of floating ice which seemed to have been broken away bonfires and torches.

Goodyear. He had been taken down with fever, and was dangerously ill. Bob was then boarding in New Glasgow, where he had few friends. One afternoon in January I skated up to at the moment when I went down.

It took me about an hour to skate from Pictou to New Glasgow. I got there a little after nightfall, and found Bobsovery ill that I decided to stay all night and delp nurse him. The dector camela control of anguish; but after a terrible struggle I elp nurse him. The doctor came in soon, succeeded in dragging myself out of the and gave me instructions for my night's water upon the slab of ice. About eleven o'clock my real task began, mid as to where I was. I had allowed watch

when the people of the house had gone to bed, and I was left to myself in the sick-room. I was somewhat tired after the day's exertion, the wind had made my eye. think of. The fragment of ice upon which lids heavy, and I soon caught myself nod- I found temporary safety was being carried ding.

However, by frequent sips of strong away from the main body ; and I was mov-ing out with the tide into Northumberland coffee. I managed to keep my eyes open for Strait-so I supposed. several hours and do my duty, but gradual- To shout loudly for help I could not, be

In fact, I had lost them already. How me from that drowsiness that would soon have been fatal, I had ceased to move and month of the harbor, I had no means of was sitting on the ice !

month of the harbor, I had no means of determining. My lee-way, which I had not thought to take account of, must have been considerable; so that, instead of being opposite Pictou, I had very probably allowed myself to be **Carried several points** south. I congratulated myself on having discovered my error so soon. It was not to late to rectify my course so as to avoid the **danger**, and I had no doubt I could do that.

My little block would not allow of my There was, though, one other ground for passengers, all men, retired to the smoking soom for warmth and talk. "'It's too bad to be stopped here. We sight almost swim ashore," said a fat little man. "'You wouldn't find winter swimming was, and might be avoided by keeping well "You wouldn't find winter swimming was, and might be avoided by keeping well "You wouldn't find winter swimming was and might be avoided by keeping well "You wouldn't find winter swimming was and might be avoided by keeping well "You wouldn't find winter swimming was and might be avoided by keeping well "You wouldn't find winter swimming was and might be avoided by keeping well

ment helpless. I could feel, nevertheless, It was apparent, therefore, that I must that the ice on which I rested was more shift my course farther north. The wind stable that the twich I rested was more stable than that which I had left. With guided me in this. Pleased to think that great effort I gained my feet. The muscles of my body had begun to contract, and the blood seemed frozen in my veins.

before setting out, I started off once more, In almost any circumstances a man dies hard, but when cold and exhaustion, like an I soon realized that a good hour's work anæsthetic, have deadened his senses and nergies, the struggle for life becomes very

Consciously I endeavored to shake off my while the wind came in gusts that took my tupor. Violently beating my limbs and body, I succeeded in partially restoring circulation-a natural and easy thing to do, one would think; but I remember the effort Tired out from the exertion of the afterof those moments as the most painful of my

and I longed for daylight. I tried to move, but it was with pain. My knees sank under me. Hardly realizing what I did, I groped and stumbled forward for perhaps fitty yards. Then suddenly it struck me that I must be again on solid ice. There could be no doubt of it. This nystery of my position was clear at once. had broken through the ice, not near the mouth of the harbor, but at the edge of the narrow channel cut by the steamer, which ran like a gash right up the frozen harbor to Pictou town. I had floated down the passage for some little distance, and across it, till my course was stopped by a cake of ice projecting from the Pictou side.

All this appeared as plain as daylight to my brain, now quickened to action by the ssurance of deliverance. But how was it possible for me, who knew the way so well, to miscalculate so strangely my true course for home? I certainly had made due allowance for the channel.

ealed until I reached land, and found myself more than half a mile below where I had expected to be. Then all was perfectly Since my setting out the wind had lear. shifted from northwest to due northeast. Consequently my course, instead of taking me where I had wished, carried me far down the harbor. It was indeed fortunate that I had not found myself at the harbor's month. far below town.

All peril of water was now past. It only remained to drag myself home. I crawled painfully up the bank, and by a final effort eached my lodgings, completely prostrated My hair did not, as you may see, turn white; but my ears and face were of that complexion for a while ; for face, hands and feet were badly frost bitten. As I was young and vigorous the shock to my nerves a few days. But I didn't skate any more have persuaded myself that I can get

GREAT BRITAIN

How the Vast Empire is Governed

The Number of Colonies Has Increased **During this Century.**

A matter of deepest interest to civilization in general is the manner in which Great Britain governs so extensive and so diverse an empire, says a writer in the St. Louis Globe-Democrat. Her statesmen reckon three classes of colonies, distinguished according to the type of government assigned to each. In the first class the home Government retains entire control of the legislation and administration of the colony ; in the second class the colony has epresentative institutions, but the home overnment retains a veto on legislation and control of all the public officers ; in the vernment, while still reserving the veto on legislation, has no control of any public officer except the Governor. Here, then, is "scale of progressive liberality in the manher of governing the colonies, based upon the special characters and conditions of the colonies themselves. Englishmen distinguish these several types of their Colonial Government as Crown governments, representative able gem deposit in the world. governments and responsible governments ; An elevator up Mount Calva

the first being a pretty close approximation to republican government, and the second being intermediate between these two with a tendency to grow into the third rather than to retrograde into the first form. Now, it is a matter of much interest

note the application which England has made of these several forms of government to her different colonies.

STRONGHOLDS LIKE GIBRALTAR out a new series of postage stamps, to reand Aden, naval stations and depots like present the political regime of the country, try. Soon after the pan came the "heater" Hong Kong and Ascension, groups of islands like the Mauritius and Falkland, and col-decide as to the value of competitive de onies like Basutoland, British Honduras and Gambia, are very naturally placed in the first class and held under Crown gov-two sculptors, and two engravers. ernment. Colonies, however, like the The total gold output of the colony of Bahamas, the Bermudas, British Guiana Victoria, Australia, during last year was and Natal, where there are considere ble but 707,367 ounces, of the value of about \$15, relatively small European elements of 000,000. This was 44,000 ounces more than population, are placed in the second class the yield in 1892 and the largest since 1885. and accorded representative governments, The gold export from Cape Colony, Africa, but with the powerful restraint arising during last year was 1,490,736 ounces, valurom the veto and the control of all the ed at about \$26,250,000. oublic officers. But colonies like Canada. A young woman who went before a Newfoundland, Cape Colony, Victoria, Tasmania, South Australia, Queensland, civil justice in Williamsburg, N.Y., to be married objected to the word "obey" in the Tasmania, South Australia, Queensland, New Zealand and New South Wales, where obligation, and wept when the judge said here are strong and controlling European elements, are put in the third class, and ccorded responsible governments, with nly the restraint of the veto on legislation and the appointment of the chief executive officer by the Crown. India, the vast Empire of India, with a population of 221,000,000 exclusive of the feudatory -to obey him.

Two more interpational expositions have 221,000,000 exclusive of the feudatory States, and of 287,000,000 where these of oil and wine industries is to open in Mila states are included—India, when represenby the Crown. India is in no sense a autumn.

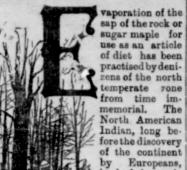
colony, and is not regarded as such by English statesmen. Out of all the millions ITS VAST POPULATION

nly about 100,000 are British born. It is 4,000 men, and a native or sepoy army of

In Ireland vaccination was made compulabout 145,000, commanded and principally enough of it during the daytime ; and 1 officered by Englishmen. These armies put sory in 1863. Since that time the Irish poor

Before the young doctor had concluded and 300,000,000 Asiatics. But it is right next decade it was 3,287, and in the next his story our boat had freed herself from the jam, and was making her way through

lines of a spacious group of republican col-onies, destined one day to emerge into the family of nations as the Commonwealth or United States of South Africa, _______ antime when Canada was Discovered-How the Article is Produced Now.



Pacific Ocean and its world of tropical and Savannah is the forest city of the south Long can give

extending her growing influence over a little known, little explored, but immense

empire in the interior of that continent, which in its turn only awaits a later day to

be led forth'by her powerful hand from the

She has carried her institutions, her laws,

her spirit of freedom to the savage contin

ent of Australia and its insular surround

will unite all these colonies into one con-federate republic or commonwealth and

nominate the wide expanse of the South

BRIGHT AND BREEZY.

rom its innumerable shade trees.

ican silk manufacturing business.

struction for the benefit of tourists.

sub-tropical islands.

ings, and established there-upon a terriings, and established there—upon a terri-tory larger than the United States aside from Alaska—a group of colonies which are visibly coming forward as one of the great nations of the earth—a nation which

darkness of barbarism to the light of civil-

ization

ed out by fire and scraped with sharp stones. By putting heated stones into his tank of sap, the Indian was enabled to pro-Paterson, N.J., is the centre of the Amerduce a substance which was undoubtedly The island of Ceylon is the most remark. nectar to the benighted savage, but which An elevator up Mount Calvary is in con-

In a Brooklyn police courta deaf-mute was charged with stealing a pocketbook. When the prosecutor had testified and the prisoner orass, and in these they slowly and with infinite waste of labor and fuel, reduced the maple sap to molasses and sugar. Iron was asked to defend he took the oath and wrote his denial thus: "I did not take the pocketbook; she didn't see me take it, they were superseded by large, shallow The French government intends to bring set in arches of brick orstone and gav awonfor she wasn't there when I took it."

derful impetus to the sugar-making industhe heater from the store tubs, and a corresponding stream of boiling hot sap flowing from the heater into the pan ; thus the

pan and heater process a most excellent product was obtained, and MANY SUGAR MAKERS still make use of apparatus of this kind ;

but the still more modern sap evaporator has found its way into nearly every large sugar orohard in the country. The evaporator is made of tin, copper, or galvanized forest telling. Nearly eleven years irons, and is so constructed that the sap gounds were heard like the firing of bligation, and wept when the judge said he couldn't omit it or say it under his breath, but she finally took her young man's hand and promised to love and hon-tion, extending nearly across the pan, is too, extending nearly across the pan, is too, extending nearly across the pan, is too is to be a solution of the solution of the solution of the solution of the tion steamer was sent to carry relief to or and-possibly with a mental reservation made to take a zigzag course to the other tion steamer was sent to carry relief to end, where it is drawn off as syrup. The crew, but no wreck was found. sap in the pan is kept shallow-about one-

tative political government has not been czar has just authorized an international omy of time, but because the sooner sap is ago the ship Runnymede known for 4,000 years, takes its place in the exhibition of fruit, - vegetables, fish, deer, converted into syrup after it runs from the first class—that is, in the lowest rank of preserves, wine, cider, beer and medicine, tree the lighter will be the color and the each having on board a battalion of Eritish Colonial Government, and is ruled to be held in St. Petersburg during the finer the flavor of the syrup and sugar. The season of maple sugar making is in autumn. At a recent meeting of the Japan Society in London the chairman made a practical suggestion. He said that the sound pro-duced by bamboo pipes was very soft and mellow; that it was largely used by the mellow: that it was largely used by the thirty-two degrees F., ard stops flowing as Japanese in the manufacture of musical soon as frost is out of the ground, or direct-had travelled around the world to make the state of the ground the world to make the state of the ground of the g young and vigorous the shock to my nerves only about 100,000 are driven by force and instruments, and it seemed possible that a conquered empire, acquired by force and held by military occupancy and menace. In the manufacture of instruments, and it seemed possible that all organ builders might derive advantage from the use of this reed for organ pipes. So a strost is out of the granulation at the manufacture of instruments of the granulation of the granulation at the manufacture of instruments of the granulation at the manufacture of instruments of the granulation at the manufacture of instruments of the granulation of the granulation at the manufacture of instruments of the granulation at the manufacture of instruments of the granulation at the manufacture of instruments of the granulation of the granulation at the manufacture of instruments of the granulation of the granulation at the manufacture of the granulation of the tapped by boring the stems with a small bit—usually half-inch—about one and one-half inches deep, and from one to three feet above the ground. Trees are



not tapped until they are about one foot in diameter. After tapping, a

CANADIAN SUGAR CAMP.

spout made of clean maple, beech, tin or

THE SYRUP

erate both sugar and symp with ghi and cane sugar until the rewpound con not be recognized by ray old pione When Canada was Discovered-How the The sugar season comes at a dime when t farmer could not profitably envioy time otherwise, and taken all in all the su

industry is quite remuneratise. THE GREATEST OF PENAL CO

ONIES.

Where the Criminals of British India : Sent.

A few weeks ago a convict at Port Bla in the Andaman Islands, rushed upon C Horsford with an axe, cut off two fingers his left hand, and wounded him in the he before he could be disarmed. Col. Horsfor who is the Chief Commissioner of the by Europeans, hacked the maple danger. Thirte lands, has since been reparted as out

hacked the maple with his stone hatchet, and guid-ed the trickling sap in spouts of bark into a sort ofrudetank made from a loghollow. fire and scraped with sharp

upon the chief official of the islands is would seem like tar when compared with the more noteworthy because, since the amber-colored syrup from one of our settlement of Port Blair was started in 18 modern sap evaporators. The Europeans with the mutinous Sepoys as the first cold brought with them kettles of iron and ists, there have been only two murdered assaults on Europeans by convicts ; and ; to guard this army of evildoere only o company of British infantry and seven hundred Punjab police are exployed, a ve small force when it is considered that the are no prison walls, and that the conv barracks are scattered all over the set

ment, which is several miles square. The hundred or more boats and cand required for the work of the settlement far more carefully guarded than the pr oners themselves. There is no chance escape, except by capturing these boa Even then there would be little hope freedom, for the Andamans are far fro land and lie in a region of tempests. only refuge is the forest, where runar boiling of the sap in the pan was not retard. ed by the turning in of cold sap. By the not shot by the natives. The authorit therefore, have so little fear o' any atten to escape that as many as 500 of the co victs are often sent ten miles away wil

out any guards except their own officers. Even in this isolated place a remarkal incident occurs now and then to vary t monotony of incessant road making The pois came from Krakatoa, 1,500 miles awa where the most

TREMENDOUS VOLCANIC DISTURBANCE f modern times was in progress. Ye tralia and the ship Briton from Engla Eightieth Foot. The regiment was to The administration of this penal colony remarkable system of rewards and pu wages for days' work. Twenty years obedience to the rules secures a pardon life convicts. Pardons are often grante or deeds of gallantry, and murderers, rehanded and with weapons ready, have be

seized by their fellows, who risked th lives to gain the coveted freedom. The empt to assassinate the chief official of colony may result in restrictions that the convicts have hitherto escaped.



was so paralyzed with cold that 1 could

Gradually I recovered the partial use of

carelessly allowed to tumble into the water.

How far I had floated I could not tell.

must soon succumb to cold and exhaustion.

other floating fragment.

How long a time had elapsed since my

Still, 1

third class, the colony has, as in the second, representative institutions, but the home

The solution of this problem was not re-

and the second a friend a A CHANCE OF ESCAPE.

ly I felt myself growing nervous. I tried numbed as I was with cold. It would be needed as I was with cold. It would be under control I was obliged to pace the useless, anyway, for there was no possible chance of my being heard. My situation was utterly desperate.

The room was very warm, and in the small hours I went out into the hall. There was so paralyzed with cold that 1 could hardly move a muscle. My legs were numb the bright idea occurred to me that I might as well skate back to Pictou that night. as well skate back to Pictou that night. My watch would be over at three o'clock, when I should be relieved by Bob's regular was conscious that I and the myself burnin hot. My senses, iastead of being quicken ed to action, were overpowered. Still, was conscious that I ought to move my nurse

limbs; and by a great effort I raised my. In half an hour she came, and then I fully decided to go. So I started before she had time to wheeze out half the list of dangers to which, she assured me, I was exposing

Outside a fine snow was falling, and the wind was northwest. I was on the ice and away in almost no time, it seemed. The cold night air was most exhilarating, and the very strong coffee I had last taken stim-nlated me. I seemed intoxicated with The tide was flowing out rapidly, and no doubt I should soon be outside the harbor. than wind and ice would offer. doubt I should soon be outside the harbor. H orrible fate that threatened ! Even

Digging my skates into the ice I dashed along against the brisk nor'wester with the speed of a race-horse. The distance to tc keep hold on consciousness. Pictou was not more than nine miles; but the storm and the increasing snow underof hurrying on at the pace I was going.

I made far too ittle of the risks of saating in such darkness. The river channel often remains open in places, even during the coldest weather. When I found myself regsining my voice I shouted out into the insignia of his English rank as frequeatly running ashore after passing the storm my cry for assistance. first bend, the thought of this danger should have occurred to me

gress was fast becoming unsatisfactory. The course of the river has many sharp All at once I was aroused turns, hard to follow. I often dashed up against one of the steep banks, and if it had not been for getting direction from the for it. wind, I should have been completely bewilde.ed.

Buffeted by storm and shore, and pretty of turning back never entered my thoughts. spire me with hope ; yet, strangely, at that itself nobly at Mars la Tour. of turning back never entered my thoughts. ready to clutch desperately at anything. I should soon be outside the river banks, which I could tell were already diverging. It seemed long, however, before I got well The shock, at all events, was beneficial, in thatitpartly restored me to my senses. Anaway from them. Eventually, neverthe: other effort, and I was fully awake. There a man rode up to the polling-place in a less, I appeared to have succeeded, and was some ground for hope, too. I must have donkey cart, his animal being gaily attired pulling myself together, I made a bee-line come into contact with some large mass of in blue ribbons, amid loud cheers from the for Picton. Quite a depth of snow covered ice; for I felt that my little float was no adherents of the Parliamentary candidate, the ice by this time. But I thought my task was as good as done, now that nothing remained but to cross the narbor. A straight course for home took me right

in the teeth of the wind and blinding snow. moving about, there was a chance to escape in the teeth of the wind and blinding anow. It was impossible to keep that direction for any considerable time; for the wind was stronger here than in the river, and colder as well. mass, either.

To get along easier, I resorted to an octo get along tasky, wa's risky device; but 1 had refeated it a good many times before it occyared to me that through thus repeated alts, ing of my course I must soon lease my hearings.

the jam, and was making her way through open water up the Narrows.

Soon we were tearing through ice a foot thick in Pictou harbor, at the rate of eight anots an hour, and the doctor shivered as water.

" I couldn't count much on my keeping company with you down there," he dryly remarked to the fat man. "It looks as cold as ever."-[David Soloan in Youths'] Companion.

The Prince in the Prussian Army.

The appointment of the Prince of Wales purpose it seems difficult to say. Only la suite of the First Prussian (not German) about 3,000 are kept in Cape Colony and a la suite of the First Prussian (not German) body and limbs, in order to excite some titular chief, confers upon his Royal High- African population included in and adjoinnes a second bond of connection with the ing these colonies, and none, it seems, are Prussian army, seeing that he is already kept in Newfoundland, or in any of the 'chief' of the Blucher Hussars. When the numerous and important colonies of Austramy legs, and I felt safe to stand erect on the floating ice. My skates, which were of no further use, I tore from my feet and Prince went over to Berlin to assist at the lasia, such as Victoria, Tesmania, Queensland the Ohio eastward, and its length between or tin is hung upon the spout, and the tap-celebration of his sister's (the Crown Prin- and the rest. I may add that with the the Alleghany and Monongahela is be. ping process is finished. Only one hole is celebration of his sister's (the Crown Prin-cess) silver wedding, the old Emperor exception of India, which must be treated the Alleghany and Monongahela is be-tween four and five miles. cess) silver wedding, the old Emperor exception of india, which must be treated presented him with a complete Blucher Hussar uniform, embellished on the shoulder straps with the insignia of a field marshal, out the world has reduced the total charge which caused his Royal Highness to jump of all these colonies on the treasury of the degree. The poor may have from fifty to though I should not be carried to sea, I to the conclusion that he had actually been home Government to about \$10,000,000 per Already the power of my will was strained to keep hold on corrections and the fancied annum

In all this scheme of diverse colonial and to keep hold on consciousness. Suddenly it occurred to me that if I were tion of the incident. The Prince of Wales profound and thoroughly thought-out methfoot would lengthen the trip considerably. In the entrance of the harbor the gleam diat least have reserved my strength, instead not be sure, however, that the light was not made a Prussian field marshal in od on the part of the statesmen of England, the sense that the Duke of Wellington was one, for the latter had actually comhuman nature is at present capable of in kept burning in winter, as there seemed manded a Prussian army in the field (at connection with such affairs, and certainly There was no real danger, I thought, but I made far too little of the risks of skating in such darkness. The river channel often

future.

field marsha!, as the Emperor could not, The amount of solid, practical, civilizing No answer. I might have passed the according to the rules of military etiquette soon wholly give up to it. All at once I was aroused from lethargy by a slight concussion. Startled, but still for it. Then it dawned upon me that my ice-block had come into collision with some other floating fragment. ste bend, the thought this danger should be thought the danger should be the state of 275 years is clearly with ask his Royal Highness to accept a status in the course of 275 years is clearly with weakness was coming over me, and I must in the German army lower than that he out an equivalent elsewhere in all history.

WORK ACCOMPLISHED.

autonomy in which the secret and chronic

espotism of Asia will be profoundly tem-

the nous barks and steamers dot the oceans and ment-which, by the way, included There was really nothing in this to in- two sons of Prince Bismarck-distinguished seas of the world. She has put order in the place of chaos.

Why He Voted Blue

During the last British General Election other effort, and I was fully awake. There a man rode up to the polling place in a whose colour was blue.

On coming from the polling-place a man "Well done; you have done right to

vote blue !' The man laughed as he replied : "I have no: voted blue - I know better

than that.'

"Not voted blue !" cried the other "then and important region which is destined either to ripen toto a great commonwealth why is your beast dressed up in blue-Mr.

sets down her foot, has granted.since 1884, next year six.

local municipal government throughout In- A modern treatment for nervous prostradia, subject, however, to the control of the imperial provincial Governments—a seed in a quiet room and fed for weeks on he glanced over the stern into the seeking grain of partially free political life that has enormous quantities of milk. He must take a chance to ripen into great results in the exercise, however, and this he does by He

proxy through the device of massage. It is especially noteworthy that aside must do absolutely nothing for himself, and from India, only about 33,000 British troops if his nose itches the nurse must scratch it. are sent out to all the rest of the immense Patients under such treatment sometimes British possessions, and that more than half of these are quartered in the strongholds and stations of Gibraltar, Malta and Hong Pittsburg, which used to be a little town

Kong. Less than 1,500 are kept in the great Dominion of Canada, for what rational queezed down into the narrow triangle of the junction of the Alleghanv and Monon gahela has grown into a city of unusually large area in proportion to its population The city engineers were cutting streets through dense woodlands more than twenty years ago, and farms, miles from the city

The number of reindeer owned by a Laplander in Sweden varies to a considerable 200 reindeer, those better off from 300 to 700, and the rich Laplanders will keep 1,000 and even 5,000 reindeer. There is

favorable sap days. some difficulty in collecting statistics on may sometimes be unwilling or unable to give any correct statement. According to the latest statistics the number of reindeer by standing. in Sweden would amount to 296,220, of which 52,550 were in the Province of Jem-

and 203,170 in the Province of Norbotten

Not knowing the ways of the Metropolis, Not knowing the ways of the Metropolis, It does not require so much boiling, costs the old man stood gazing after them, and less than the latter, and is much nicer for exclaimed :

and law in the place of rapacity throughout the great and populous Empire of India, and laid there the foundation of a coming "I always said as how everybody took a fancy to her, but I never saw such a cheek as that, and before my own eyes, too !"

Man's Heavy Burden.

pered and modified by the open and manly liberty of England. She has laid the col-Mrs. De Science-" If I am able to carry nial foundation and planted the most of the baby around, I should think you ought

he political and legal principles upon which the United States of America has Profe Professor De Science-" You forget, my grown up to sich phenomenal proportions dear, that an average man has to carry an

with republican provinces and territories over ten or twelve tons." from Cape Breton to Vancouver, and from Lake Superior in the Arctic islands-a vast

Football and the Faculty.

Mrs. Hayseed : "I'm afraid John is mish apart, or to coalesce on terms of equal right and equal honor with our own gigantic re-Farmer H.: "Why so, mother ?"

LIGHTNING STRUCK TREES.

Frenchman's Interesting Experimen With Electricity.

Some interesting experiments have been ade in France by M. Dimitre in date nining the effect of lightning on different rees. Specimens of living wood of eq imensions were subjected in the dired of their fibres to a spark from a Here electrical machine. Oak was found to easily penetrated by the current, whi black poplar, willow, and especially beac were more resisting. In all these cas the heart wood was the least conductiv galvanized iron, and fitted with a hanger for holding the bucket, is driven firmly into

The observations made agree in a gener way with statistics of lightning strokes Europe, Thus, in the forests of Lipp from 1879 to 1885, and in 1890, there we bored in young trees, but I have seen as many as half a dozen buckets, with two spouts each, hung to maples of large size. from 1879 to 1885, and in 1890, there we 159 oaks, fifty-nine pines, twenty-o beeches and twenty-one other kinds trees struck. M. Dimitre's investigatio. establish the fact that the starchy tree poor in oil, such as oak, poplar, willo-maple, elm and ash, offer much less resis ance to the spark than beeches, walnu birches and limes, which are "fat" tree One branch of the experiment afforded If the bucket fills with sap in a day the run is a good one, although twice this amount is often obtained n exceptionally A barrel of good sap will make a gallon of syrup or eight pounds of sugar. After being reduced to syrup in the evaporator, One branch of the experiment afforded singular confirmation of the wisdom of t the product is allowed to cool and settle. recent introduction of oil as an insulator more or less of impurities being precipitated certain departments of electrical work.

is shown that pines, which contain good deal of oil in Winter, but have litt land, 40,500 in the Province of Vosterbotten is now ready for putting into cans for sule, oil in Summer, are much more resisting the size most in use being one gallon. The one season than in the other. In Summ Before His Own Eyes, Too! An old farmer and his wife, who were taking a few days' holiday in London, and the beling is continued until the thermo.

He Employed 60,000 Men.

General Maltzeff, of the Russian arm household use. Cake sugar is good only who died recently, has left to his heirs, when first made, as it not only loses its fine addition to other property, twenty-nin mines, fifteen of them of great importan and affording employment to more that

When "progressing" through the strees about three years. The maple tree often lives to be upwards of one hundred years old, its wood is exceedingly hard, and is val-average a minute, that is, the almost i

ued next to coal as fuel. The pure product of the maple is hard to find in the city markets, as jobbers adult. Credible number of seven hundred times r hour. The Prince requires a new brim his hat every fortnight.

grades. The amount of sugar that a single gress. atmospheric pressure of fifteen tons, while tree produces in one se son is about three in so short a time. She has covered the Dominoin of Canada women, being smaller, do not have to carry and one-half pounds for the

AVERAGE SUGAR ORCHARD.

Tapping the tree does not impair its vitality settled as England is now. to any appreciable degree, and the holes usually close with the growth of the tree in

piece of the year 700 B.C. per pound in the home markets, with syrup rom seventy-five cents to one dollar per The recent elections in Brazil give P

gallon, with sometimes lower prices for off sident Peixoto a majority in the next Col

flavor, but becomes almost as hard as rock itself after standing a few weeks. 6),000 workmen.

Prices vary with the seasons and the quality of the article ; good pail sugar loing nsually worth from ten to twelve cents, and hoice cakes from fourteen to eighteen cents

The oldest coin in the world is an Æger

If all the people of the United Stat were placed in Kansas, California and N braska, those States would not be so thick