TO BLOW UP THE NORTH POLE.

It Would Make the Arctic Region Habi-table, Open the Northwest Passage, and stop the North Atlantic Storms.

Stop the North Atlantic Storms.

Did Nature intend the Arctic Sca to be open, and the climate moderato? And is it possible to do by means of dynamite what Nature has unaccountably omitted to do? These points are discussed in a pamphlet by Mr. H. A. H. Dunsford, C. E., which has just been published in England.

We need only suppose for a moment (writes Mr. Dunsford) how matters would stand if the nee cap were removed from the north pole. The two warm streams would it that case flow in exactly the same course that they

pole. The two warm streams would to that case flow in exactly the same course that they now take, but, instead of becoming chilled as is the case at present, would flow past the pole and southward as warm streams still. They would effectually keep the ice from reforming, and do away with

of the Arctic regions altogether. Nature is, in fact, working towards that end for the chimate of the northern part of the northern hemisphere has been steadily ameliorating ever since the commencement of the historic period. In the time of the Roman republic the rivers in Gaul used to freeze over in win-ter and Roman writers represent. Germany Compare the as the land of frozen morasses. Compare the climate at present enjoyed by those countries with this description, and it will be at once apparent how great a change in climate must have gradually taken place. The records of the Hudson's Bay Company also show that the winter on the shores of Hudson's Bay has grown shorter at a rate of one day in ten years, the season during which the sea is open, for navigation being now twenty days longer than it was 200 years ago. About the years 1815-1818 as the land of frozen morasses. years 1815 1818

#### THE ICE BARRIER

on the east coast of Greenland began to bre, 't up, as was noted at the time by Sir Johi Barrow, who regarded it as one of the most important, though least noticed, events in the history of the world. All this is evidence the instory of the world. All this sevinence that the ice barrier is being steadily driven further north, and will eventually leave a channel by which the Japan current can flow unchecked through the Polar Sea from Behring's Straits to the Atlantic, in which case the existence of the remainder of the ice cap will be but of short duration, for if the warm currents can actually reach the ice warm currents can actually reach the ice they will soon solve the question without human assistant. At present they do not reach it; for the ice cap blocking the way leaves no outlet for them (the warm currents being of purse surface water), and their course is arrested long before they come near it by a wide belt of cold water, for which there is no outlet except that the coldest part of it excepts the force to force. of it escapes by flowing under the ice to form the cold streams.

As for the proposition that we can open the sea, we must remember that the ice is not of great thickness, that we have now powerful explosives that are perfectly effective when frozen, and that every mass of ice detachedon thecourse of a stream flowing south-ward will float away of itself. I do not, of course, mean t imply that it will be easy, but that it is within our power to make a chan, wide enough for a martial part of A WARM STREA W

martial part of a warm street were faired at losing all its heat, on the month of area and the accounts that they have that the accounts that they have the belt of ice for the channel and the channel of the channel of the channel The schannel

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for colonization, within easy reach of Great the victim they fall back and leave him there Britain, and which in great part belong to the British empire: valuable fisheries; a considerable and increasing trade in the Arctic it-self; and comparative if not total immunity from storms in the North Atlantic the principle if not the carse of storms being the dif-ference in temperature between the poles and

#### AN OVER WORKED PRINCE.

It Isn't an Easy Thing to Be the Prince of Wales.

A writer in a recent issue of Cassell's Family Magazine says; " England is the home of constitutional fictions, and we may include in the interesting estalogue the fictions that the Prince of Wales has nothing to do. that the Prince of Wales has nothing to Ga. The constitution assigns him no public work, the government of the day dare not give it to him, and there are persons of sane mind who, firmly believing in the constitution and the government, and shutting their eyes to facts, imagine that his life must be uneventful, languid and purely private. It is nothing of the kind. It was never intended to be any

the kind. It was never intended to be any thing of the kind.

"The Prince's public work commenced with his visit to Canada in 1860, when he was within a few months of his eighteenth year. He opened exhibitions, bridges and parks, laid foundation atones and received and replied to addresses by the score. His public work his never been interrupted since that dateexcept by his illness in 1871. In 1868 he spent ten days in Ireland. The Timespithily described his visit by saying: "There were presentations his visit by saying: 'There were presentations and receptions and receiving and answering addresses, processions, walking, riding and driving, in morning and evening, military, academic and mediaval attire.'

"In the matter of tours, blending public, social and private functions, the Prince has done, and still continues to do, an amount of work that has never been equaled, much less

excelled.

"The Prince has to keep abreast of the times. and this duty involves much reading, a good and this duty involves much resting, a good deal of writing and discussion with competent informants. His public work occupies a portion of nearly everyday, and his business habitateach himdispatch, inethod and prescience. He does not know what actual idleness means, and he is so well versed in public as distinct from party political movements that in a rigorous competitive examination he would not easily be beaten. He is often fairured with a by he heaten. He is often fatigued with a round of work and social observances, but he manfully executes all his duties, with a kindlines and pureliho seldom seen in such felicitous combination.

"There is no busier man in Europe. A minister of State has fewer social duties. A poptilar peer has not so many difficult public fun-tions to perform. No philanthropist can ex-cel him in delicately discriminating benovol-No prince of England ever led so many ence. No prince of England ever real so, many new departures, or mixed so freely with pub-lie men in promoting purely national move-ments, social, educational and charitable, or highly esteemed by the personwas ever so highly esteemed by the person-agesinimmediate contact with him. As the Times once truly said, the representative duties of royalty are heavier than the private functions which the hardest worked English man has to perform. Circumstances have imposed on the Prince of Wales a very large chare of these duties, and he has borne his part bravely, and with an alacrity and kindli-ness, a fact and eleverness which cannot be praised too highly. He is a born leader and

### Human Sacrifice in Savage Africa.

Here is a thrilling account of the methods centand. Of Here is a thrilling account of the methods the channel of human sacrifice in savage Africa. The victim is placed on a block of wood, with his leaf to fast expected out in front of him. Beside each ankle a small stake is driven firmly into each ankle a small stake is driven firmly into each ankle a small stake is driven firmly into each ankle a small stake is driven firmly into each ankle a small stake is driven firmly into each ankle a small stake is driven firmly into each ankle a small stake is driven firmly into each and into the neck with each and are tied together.

A pliant young sapling is now

A pliant young sapling is now yound about twelve feet from it bent over toward him until end is caught in the loop, all round the risk to the loop attain.

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The loop attain to the loop attain to the loop attain.

alone. He wears a cap formed of large black cocks' tails. His face is blackened with charcoal down to the neck ' his hands and arms are also blackened up to the elbows, and the same with his legs down to the knees. Until just before the execution the whole village is wild in expectation of the event.
Groups of dancers are to be seen, drummers at work, and every kind of musical instruat work, and every kind of musical instru-ment to add to the tunn. The head, after ment to add to the tunn. — The head, after being severed, is jerked up in the air by the released tension of the pole.—Then, upon the sight of the blood, their vilest and most in human passions are aroused.—They are like with beasts, clutch at the head, sinear each other in the face with the blood, and a general scrimmage always cusues, resulting, more often than not, fatally.

### A Scotch Minister on Betting.

In creaching to his congregation on Sab-bath, April 20th, on the race for "Mammon, the Rev. Mr. Crockett of the Free Church, Penicuik, took occasion to refer to betting." He said there was a vice which he hoped had not extended to Penicuik, but which he knew was prevalent in large towns of he knew was prevalent in large towns of betting on horses which they never saw, by men who could hardly distinguish a horse from a cow, or a football from a balloon Newspapers now a days must provide the latest odds in their sporting news, or they failed to secure readers. Money pained in speculation did not necessarily bring great happiness, for shrouds were not made like happiness, for shrouds were not made like shooting jackets, with plenty of pickets to carry gold and bank notes to the grave.

Something delicious and healthful to chew Adams' Tutti Frutti Gum 5 cents.



Kandkerchief.

Toilet

The Bath.

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### CONSUMPTION,

IN its first stages, can be successfully checked by the prompt use of Ayer's Cherry Pectoral. Even in the later periods of that disease, the cough is wonderfully relieved by this medicine.

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Tennessee.

"Several years ago I was severely ill. The doctors said I was in consumption, and that they could do nothing for me, but advised me, as a last resort, to try Ayer's Cherry Pectoral. After taking this medicine two or three months I was cured, and my health remains good to the present day."—James Birchard, Darien, Conu.

Darien, Conn.

"Several years ago, on a passage home from California, by water, I contracted so severe a cold that for some days I was confined to my state-room, and a physician on board considered my life in danger. Happening to have a bottle of Ayer's Cherry Pectoral, I used it freely, and my lungs were seen restored to a healthy condition. Since then I have invariably recommended this preparation."—J. B. Chandler, Junction, Va.

### Ayer's Cherry Pectoral,

Dr. J. C. Ayer & Co., Lowell, Mass. So'd by all Druggists. Price \$1; six bottles, \$5.

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For cracked or sore nipples, also for hardening the nipples before confinement. This Oil wherever used has been found superior to all preparations. One trial is sufficient to establish its merits. Price 28. Snould your druggist not keep it, enclose us the above amount and six cents for postage. C. J. COVERTON & CO., Druggists, Montreal.

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