ARMIES TURNED INTO ICICLES.

The recent death of Sir James Dewar, the great chemist, who astonished the scientific world by his discoveries in 1911 in solidifying hydrogen at a connection with liquid air, has called attention to other scientific marvels in the same field of research.

Three years before Sir James Dew-

covery was stated by a scientist as vastation in England and think, "Why "sufficient to revolutionize human life." He thus explained how this amazing result was to be brought about:

"This discovery to a mind of scien- graves in these military cemeteries.

two parts," he continued, upon being and Allied, but in the latter case the pressed for an explanation of such a graves are not mixed, but the British startling statement. "Some years ago, are all together, apart from the others. when I was conducting some experi- In places where Canadians and Engments in a cold storage establishment, lish or Australian are in the same I sent a number of workmen through cemetery the different parts of the the plants to inspect what are called Empire have their glorious dead toammonia gates. These are valve-like gether. For anyone visiting the war openings, by the proper action of graves area the War Graves map of which the expansion of the ammonia the Western Front, produced by the gas may be regulated at will, the rate of Daily Telegraph under the direction of expansion determining the tempera Alexander Gross, F.R. G.S., contains

which no one will ever know, kicked which British soldiers lie, extending open an ammonia gate. Not only was from the channel to as far south as the man killed instantly by the fumes, Amiens. At the railway stations at but he was frozen solid and broke in- Amiens, Arras, Ypres and other chief to pieces when he struck the floor. | centres, the Y.M.C.A. keeps a branch helium is as much colder than vapor. There is also a camp of the I.W.G.C. ized ammonia as a piece of ice is cold- at each of these centres, where all iner than moiten lava, you will realize formation may be obtained. the appalling consequences of its power as an agent of death, should it be employed as an instrument of war or private vengeance.

it would not only instantly freeze to soil in France. The land is deeded as death every mun on board, but the in. a gift by the French or Belgian comconceivable cold would at once cause mune in some cases, in others the the ship itself with all its guns and machinery, to fall in pieces.

A Town Frozen Solld. "An office building cooled by the medium of liquid helium could be weeked in an instant by the hand of a maniac or one bent on revenge, and every one of its occupants transformed to ghastly stagues of ice. I am not

Just as sure as we are now con- two years it is likely that poison gas tard gas lies for a long time on the in their horror.

friendship at State banquets, secret war office. will be laid, and suddenly, at milday, nerhand, a whole metropolis of the volume is the description of the most striking features bombarded the ffanks of their attacks in a new extension lader of English Indian Reserve in western Canada, and there the Highway swings sharply to manufacture which is considered remidday, perhaps, a whole metropolis of the volume is the description of the with this harasing gas, and employed will become a splintered ruin, and its way in which the Germans employed columns and its way in which the Germans employed columns are splintered ruin. The country in the country is a markable for its great "reach." Th phene was when St. Paul's Cathedral Broadly speaking, three kinds of gas tion.

But this picture of the future has yellow cross. Green cross shells cona bright side as well. It is in the reaim tained acute lung irritants. Blue cross of sanitation that I can see the vast contained sneezing and tear gases. utility of this great discovery. It means Yellow cros contained "mustard gas." the Germans bombarded Ypres with

"A hollow wire of liquid helium just agent. small enough not to freeze water run through every pipe in a city would not only absolutely deodorize the city, but it would kill every germ of disease. used for general harassing or neutralders when the wind was favorable. It I just thought it would be a good idea Water mains and sewer pipes would izing purposes, or in preliminary bom- was raised to its proper place as an to change the air in this tube." as they are now its chief thorough-

He Yes, of course I've been in love. Was mad about the girl, too, but she threw me over and made a regular

She "Poor boy! And you've never

"I Am the Unimproved Highway" By H. C. Andrews

The feet that pattered in primaval slime gave me birth. Unchanged while through ages past I have endured, time has but served to increase my infinite variety. Earthborn, and without a soul, yet have I lived. From the beginning have been man's

I have snared caravans that left bleaching bones in lands now desert.

Empires have fallen because of me. I have turned vistories into

routs; I have tramped mighty leaders and have crushed armies. To-day I am fair to look upon, to-morrow a steaming bog. I add difficulty to distance. With isolation do I inspire to

unjoint the endeavor of men. I tug at the wheels of the grain cant that bread may be dear. I hamper those who would feed the race. I am an enemy of church and school. I mire the healer on his rounds and delay his coming that little ones may

I am a disrupter of home. speed the firstborn to the cities when I am fair to see, and when he would return I face him with my forbidding depths.

When men plowed with a crocked stick I was there. When the ancients covered me with stones I slipped away to other lands. I am the oldest lie that lives to-day. Men count me cheep. I know the price they pay who count me so.

I am the highway—the unimproved highway. My name is

British Soil in France Holds Empire's Dead Imperial War Graves Commission Has More Than Six Hundred Thousand Graves—The Unknown Soldiers Number Large in Every Cemetery.

the English who crossed the channel ceives a deed so that if we wanted to keep the register straight of all the temperature of 470 Februsheit degrees at Easter were on their way to come insist on our rights we could demand graves. teries where lay British soldiers. And a passport from a Frenchman who they keep coming all through the sum- wanted to enter. The cost to the Britated area of France and Belgium, sion is divided into three parts, the out of cemeteries and inters them, grave. Anyone who wishes a photo-lost son. Patiently and wistfully they and Fugue and Senumann's Inter-Three years before Sir James Dew.

ar's great discovery a Dutch professor about which these cemeteries cluster. legal, the registration and the works.

The work of the Imperial War Graves demantments. The duties of the flowers and beaut the flowers and beautiful to the flowers and beautif The work of the Imperial War Graves
Commission is one of the most solid

Commission is one of the most solid

Commission is one of the most solid

Commission of the most solid

Commissio

There are over 600,000 British tific imagination is fraught not alone Some of the cemeteries are huge, like with the most alluring possibilities for Notre Dame de Lorette, near Souchez, the well-being of mankind, as it may which contains 6,000 graves, French be applied to the increase of comfort and British; Boeschefe, near Poperand health, but with pessibilities of inghe, containing 20,000; Hooge with destruction and death beside which 2,000, all British. Others are quite the engines and munitions of modern small, containing only 50 or 60. There "Let us divide the proportion into ly British, others contain both British are some cemeteries which are entire-"One of these men, in some way There are well over 2,000 cemeteries in "Now, when you consider that liquid for the purpose of assisting visitors.

War Graves Commission. I had an interview with the chief register at Armentieres. It is literally "Suddenly liperated in a battleship, true, he told me, that this is British

THREE KINDS OF

GAS SHELLS

The season of pilgrimages to France | LW.G.C. buye it. The legal staff of the terment, superintend the changing or ever small, has at least one British grave in the country is bound in time has begun. Almost nine out of ten of Commission searches the titles and representation of crosses, and generally gardener to tend it.

Commission is one of the most solid department are obvious. The duties order. Competent engineers are at bonds of the entents between France of the registration department is to the head of the marks department is to the War Office, Whitshall, London, scrutinize the names. Respectantly they are not the LW.G.C., giving name and wander through the rows of unknown some recreation from his work on deeds, mortgages, offers to purchase This he was reported to have done at bonds of the entente between France of the registration department is to the head of the works department with number of plot, number of row and soldiers. Sometimes they get an object of the registration is one or the most sond usepartment are obvious. The duties of the registration department is to the head of the works department with number of plot, number of row and soldiers. Sometimes they get an object of the registration department with number of plot, number of row and soldiers. Sometimes they get an object of the registration department with number of plot, number of row and soldiers. Sometimes they get an object of the registration department with number of plot, number of row and soldiers. Sometimes they get an object of the registration department with number of plot, number of row and soldiers. Sometimes they get an object of the registration department with number of plot, number of row and soldiers. Sometimes they get an object of the registration department with number of plot, number of row and soldiers. Sometimes they get an object of the registration department with number of plot, number of row and soldiers. Sometimes they get an object of the registration department with number of plot, number of row and soldiers. Sometimes they get an object of the registration department with number of plot, number of row and soldiers. a temperature of 450 degrees below and England. These people who come to see the shiding place of their dear a registration department is to the nead of the works department with number of plot, number of row and soldiers. Sometimes they get an object to see the shiding place of their dear a registration department is to the nead of the works department with number of plot, number of row and soldiers. Sometimes they get an object to see the shiding place of their dear a registration department with number of grave in the cemetery. Or session that their lost one is beneath and before juries. He cannot play and before juries. He cannot play



bardment; while the use of the yellow, adjunct to high explosive, and practior mustard gas, was intended to be re- cally in every bombardment thereafter stricted to areas which there was no a rain of gas sheils descended on valintention of occupying or advancing leys and ravines in which the vapor over, but where there was a likelihood could drift.

quering the bubyancy of the air, we would have become the deadliest weapshall achieve the control of its temon in use. This 's mails clear by a over which mustard gas had been distributed might themselves have been protesting tory of the war, issued by the British affected for days afterwards.

will become a splintered ruin, and its way in which the Germans employed only the more lethal gases, blue and inhabitants frozen solid at their occur.

With this harasing gas, and employed only the more lethal gases, blue and ladder is built to reach heights of 60 ern. Alberta a "rectangular" route can turns east making a sharp "corner" and the state of inhabitants frozen solid at their occu- gas shells of various composition for green gas, over the areas which they

The potentialities of mustard gas the practical stopping of the process which not only possessed a delayed that type of shell in July, 1917, and inflicted hundreds of casualties. It was side who is red in the face and poppoisoning power, but was a blistering the turning point of the war as far as eyed from pumping up a tire)gas warfare was concerned. Poison "What's the matter? Have a puncgas was no longer considered a matter ture?" The first two types of shell were of clouds to be sent over from cylin-

whether more powerful, more deadily. Canadian Rockies scheduled for the and more effective kinds of poison gas near future, the last link in a 6,500-cending steadily past Sinclair Pass.

On second thought one sees that

ladder is built to reach heights of 60 ern, Alberta, a "rectangular" route can turns east, making a sharp "corner" scientific steamlining, Franco-British were attacking with a view to occupate to 90 feet and upward, and is mounted be covered, including the beautiful 93again at Pincher, and reentering Macengineers have designed a most unon a turnable carried over the rear mile link from Banff to Windermere, leod, the starting point, from the usually shaped automobile which they

Foolish Question. The Passerby (to motorist at road-

X-Rays for Plants

study and diagnose plant diseases.

stone monument as they have now

their wooden crosses. Flowers deck

their graves the same as the identified

Always New Graves.

other means failing. Then there are

whale has very little sense of taste. them every day of our lives.

Last Link in 6,500-Mile Highway Completed

axle of a motor truck. It can be used just completed. One side of the rec-southwest. Every part of this 567-mile believe will prove very speedy, since either for life-saving or as a water tangle runs north from Macleod, cross-circuit passes through regions of great head resistance to the wind has been

to lose its identity.

A New Model.

MUSIC

Those who have taken it for granted that performing music is left to the ladies of the land, that is apart from surprised to hear that in a western mer months, striking down from Calais tish Government comes to about £16.

The works department constructs temperary. In time every soldier will who come over and wander from one cert platform before a fine grand plane. to Boulogue or Ostend into the devasto Boulogue or Ostend into the devasto France and Relative size divided into these series exhumes bodies lying have a stone monument erected at his cemetery to another in search of a rendering the Franck Prejude, Choraic least and France and France and France and France and France Prejude, Choraic least and France Prejude, Choraic

to see the abiding place of their dear a register in each cemetery for inspection as see also the mins of France and tion by visitors (dentify if possible all labor is ampliance for these particulars are lacking give a certain cross. A case happened register in each cemetery for inspection in the cemetery. Or session that their lost one is beneath and below purposed in the cemetery. Or session that their lost one is beneath and below purposed in the cemetery. Or session that their lost one is beneath and below purposed in the cemetery. Or session that their lost one is beneath and below purposed in the cemetery. Or session that their lost one is beneath and below purposed in the cemetery. Or session that their lost one is beneath and below purposed in the cemetery. Or session that their lost one is beneath and below purposed in the cemetery. Or session that their lost one is beneath and below purposed in the cemetery. Or session that their lost one is beneath and below purposed in the cemetery. Or session that their lost one is beneath and below purposed in the cemetery. ones see also the ruins of France and tion by visitors, identify if possible all labor is employed for digging and chipname, regimental number and bat cently near Armentieres where one music. And so the lawyer, if he has taken man lessons when a boy, can Belgium and they picture the same denew bodies found and record their inping monuments. Each cometery, howtailon. The location can be found then
such mother became certain that her
taken piano lessons when a boy, can from the registers. The War Office son lay beneath one of these crosses. find an occasional hour unclaimed by has photographers in France who are She bribed a Beigian workman to ex- his professional duties to keep up his hume the body at night with the intention of taking it to England and bury- case, the lawyer became an exceptioning it near her home. The attempt ally good planist, and so in addition to It is surprising the number of unfailed when the cart on which the body getting a great deal of pleasure himknown soldiers who rest in every was being conveyed broke down in the self out of his music, he shared that cemetery, not strange when one con- road and its contents were discovered. pleasure with others. siders the fearful effects of shells, but The French villagers living near the

one would scarcely expect such a high cemeteries are supposed to report such studies of one of the leading tenors at percentage. Row after row of crosses cases, in fact can be punished for not the Metropolitan Opera House were inread "Unknown British Soldier," "Un- so doing, but though they know, they terrupted by the war, and for four known Canadian Soldier," "Unknown shrug their shoulders and say, "Why years he served in the Italian Army, Canadian Officer," "Unknown Cana- not, if it gives the poor woman com- attaining the rank of captain and redian Soldier, 116th Battalion," and so fort?" Such cases are not at all unceiving three crosses and a silver medal. The war over, he returned to his native Rome, and resumed his Some cemeteries are much farther his law studies, but had no thought of on than others. One called New Oxford Road, near Wiltye, is a good type his very promising debut in Massenof what the completed cemetery will et's "Manon." Although he had finish-Hardly a day passes but some farm- look like. A white stone wall with ed his law course, he cast aside all er ploughs up a body buried under graceful curves and arches surrounds thought of being a lawyer and entered light soil. The I.W.G.C. is notified and it just high enough so that one can see upon a career that has brought him a man is sent from the registry office over it from the road. It is laid out in success in a half-dozen of the leading to identify. This is done either by the the form of a cross with the slender opera houses of the world.

identity disk or by the number on the memorials, which are to be a part of More business men in Canada than boots. This latter is the most frequent every cemetery, arising at each end the average person is aware of keep way, the registrar told me, as a record and in the centre. The head stones up their music. Others are becoming is available of the number of the are about five feet high from the familiar with the world's best music boots isued to each man and he may ground. On them is carved the sol- through the possession of a player be traced often by that circumstance, dier's name and regiment, the date he piano or a phonograph. The general was killed and the regimental crest is manager of a gas company surprised bodies buried and identified outside in the middle of a wide cross carved most of the group of 750 men one day cemeteries. In some cases relatives below the name. The head stones of when, at a certain club meeting in the do not want them disinterred for sen- the unknown soldiers' are the same absence of a planist, he sat down at timental reasons. But it is impossible size, but instead of the wide armed the piano and played most acceptably to tend these scattered graves all over cross, engraved on the stone at the for the singing of "God, Save the the country, in time they see the ad- top reads, "A Soldier of the Great King." A very fine organist ih a cervisability of having them interred in War," then a slender cross carved be tain large Presbyterian church is a the regular locations and give the neath and below that, "Known Unto medical doctor. A Baptist church authority. The works department then God." There will be hundreds of choir leader comes to mind whose proexhumes them and they are interred thousands such when the work is all fession is that of a chartered accountant. One might continue at great length citing other cases where a leather manufacturer plays the cornet, a retail merchant plays the 'cello, a lawyer sings comic songs, a judge of causing a number of casualties and rendering battery or other important whether more powerful, more deadly, and more effective kinds of noison gas and more effective kinds of noison gas that the road soon begins to run south, as dustrial and financial world.

mile chain of scenic roadway will have which divides the Brisco and Stanford the men of Canada been welded into place, making an un-ranges. Vermilion Pass, the highest broken circuit from California to Canapoint on the trip, is just ahead with an performance of music, and not only da and return. It pases through Grand altitude of 5,376 feet. The fourth, or just enjoying hearing others.

Streamlining Cuts Down

ing many streams, through Parkiand natural beauty, and the motorist cancut down considerably. The body is and Midnapore to Calgary. Here the not but feel well rewarded after mak built of duraluminum, a new light alloy, and aluminum on a system like that used in making airplane fuselages. The development of as many re- The under part of the car is incased A London scientist uses X-rays to sources in ourselves as possible is the in sheet aluminum, only the brake greatest investment we can ever make, drums and axies projecting. Entrance because we can use these resources is gained to the car by a side panel, Although it has a huge tongue, the and gather richest experiences from and by a part of the roof and a section of the fender being hinged and, so,

Germans Get Food and Toys from Elder Trees. In shady garden spots, where little

off, the strong are just as rapidly mix- cade at least one complete book of the serves not only to make the place

colds, while the berries have several uses in the kitchen. Elderberry soup is a favorite dish in middle and north-

which a phosphorescent material is ties of stone and lava, and the earth Among the American Indians repassed. As soon as the electric curteembled slightly. Tourists trying to Among the American Indians remarkable work has been done in Bible rent is passed through this a light is inspect the crater were driven back by markable work has been done in Bible translation. There are between fifty of the largest lamps now in use which were thrown 200 yards into the

sight, crawling eastward at the rate of 3,000 yards in twelve hours.

Bore on Too Heavily.

The village postmaster handed back to Mr. Jones a bulky and much-sealed would not "go for only one stamp." "What's the matter with it?" asked

Mr. Jones. "Too heavy," said the postmaster, balancing it up his hand.

"Huh. I told that boy so when he was writing it. I told him he was writing to heavy a hand, but he kept on bearing down and bearing down on the pen, like a load of hay. I'll take it

back, and make him write it with a pencil. I ain't going to spend Lo more money just for his pigheadedness." Somewhat Mixed.

Ned fell out of bed one morning and tried to explain to his mother how it happened.

"Mother, I think I know why I fell out of bed. It was because I slept too near where I got in!" After a little thought: "No, that wasn't it. It was A farmer is known by the stock he because I slept too near where I fell

Translating The Bible Into Strange Tongues BY ARTHUR CHAPMAN.

NE of the world's great achieved tioned excepting by suggestions, the On, the strong are just as rapidly mixments, which has been going on Chinese term to be used where "God" with them. Archdeacon Batchelor has ing with the Japanese, by whom they Bible has appeared in a new language green, but keeps the household sup-

to various languages and dialects.

First Two for Harassing.

come tremendous difficulties, which are little realized by the general public. Also they have brought to light many odd and interesting facts concerning the complexities of language and the part which nature has played in limiting the mental vision of certain peoples. For instance, in translating the Bible into Eskimo it was found impossible to convey the meaning of the word "lamb" to the natives, who bad never seen such an animal. So the Eskimo Bible used "baby seal" where the English Bible uses "lamb," that being the nearest equivalent of the word which the natives could comprehend, an instance being, "Behold the Baby Seal of God, who taketh away the sin of the world." It is said to have taken 250 years to translate the Eskimo Bible on account of the difficulty in accurately expressing the Scriptures to people who live amid

perpetual snow and ice. In China to-day it is necessary to publish two editions of the Scriptures, because the words used to designate the Deity could not be agreed upon.

Instead of a union version, two versions of the Chinese Bible were issued, one more elegant in style; and the other more accurate in rendering. Neither could be accepted by all the missions. Perhaps because the Chinese themselves have thought the Supreme ng too far above man to be men-

It is estimated that there are 1,000 which for a time looked to be irreconthe Ainu New Testament and Psaiter, Marshall Islands and Gilbert Islands In India there were differences mastered their tongue and translated Hiram Bingham, translator of the them, had no written language. He in translation was accomplished by Dr. ducer, the American Bible Society be excellent tea, a household remedy for of these tongues, and such has been cilable. For instance, a literal renderand now he is seeing the effect of his Bibles. Despite the paucity of the nathe determination and patience of the ing of the text, "Be thou faithful unto lifework being slowly lost through the tive language, which was merely a translators of the Bible that at least death and I will give thee a crown of gradual dying out of the Ainu people. Succession of guttural sounds, Dr. Bingsome portion of the Bible that at least some portion of the Scripture has been life," was criticized by Indian pundits To-day his version of the Scriptures is ham presevered until he had brought translated into no fewer than 770 of because they said it meant, "Be ye practically extinct, as the people have the Scriptures to the comprehension made a discovery which, it is believed, sprouts, and the pith of the branches will cause a revolution in methods of is whittled into droil little figures. faithful up to, and not beyond, the forgotten their own speech. The new of the islanders in this case the transtime when you die." The actual vergeneration understands only Ispanese in the Scriptures to the comprehension made a discovery which, it is believed, spicular, and the pith of the slanders. In this case the transtime when you die." The actual vergeneration understands only Ispanese in this case the transtime when you die." At present most slee. The whole Bible has been transtime when you die." The actual vergeneration understands only Japanese.

Application and to take this longer form "Un and Application Parallel and Application The whole Bible has been trans-time when you die. The actual vergeneration understands only Japanese, dator literally had to create an alpha-literally had to create New Testament into 142, at least one to the point of giving your life remain speaks Ainu except when he is talk write their own language. There have energy in giving out heat rather than New Testament into 142, at least one to the point of giving your me remain complete book of Scripture into 422 faithful and I will give you a crown ing to persons more than fifty years been other instances, notably in Africant and I which gives out light without heat Hall and parts (that is, only chapters or of life." This satisfied India's critics.

The hairy Ainus, an aboriginal race of the creation of a "talk lang- which gives out light without heat. He lasts were climbing Mount Etna recent-The hairy Ainus, an aboriginal race dwindling in number and there are uage into written language. The task makes use of a vacuum tube through ly, it began throwing up large quantity, it began throwing up large quantity which a phosphorescent material is in Japan, are dying out, and their now fewer than 17,000 left. While the is a colossal one. translation of the Seriptures is dying weak among them are rapidly dying



"I THINK THEY'RE HARD BOILED EGGS"

Indians north of the Mexican border. The tongues differ so radically that the The tongues differ so radically that the language of one is unintelligible to the long and seven millimeters in diameter. turally so varied that they may be described as differing as widely in character as English and Russian.

Thirty-five Indian Languages.

The Bible in whole or in part has uages the whole Bible is in print, the rador and the Tuk-kuth-kutchin--a tribe of the northern Yukon Territory. In nine other languages the New Testament entire and in twentyone additional languages one or more

books of the Bible have appeared. The reticence of the Indian and his eluctance to speak in the white man's language, even when he is more or less familiar with it, and his stolidity, which is so often interpreted as stupidity, are due to unsuspected Indian traits. Exactness of expression, perfection in the use of the tribal language or dialect, and a fear of errors in speech and of the same and ridicule which these bring down upon him, are the real reasons for his backwardness.

Ainus, who, when he settled among the most remarkable feats Bible Society has been the chief pro-

Heatless Electric Light In-

The consumption of energy is only air.

Hens Register Eggs With New Device.

Hens may now "write" their own egg-laying records by means of a debeen printed in thirty-five languages vice recently invented. It consists of a missive, with the statement that it of the Indians. In five of these lang. trap nest inclosed in a sheet-iron box. 36 inches long, 14 inches wide, and 20 Mohican or Massachusetts, the Dakota inches high. The recording attachor Sioux, the Cree, the Eskimo of Lab. ment is a rubber stamp bearing the hen's name or number, which is fastened to its back by wire loops. When the hen enters the nest, the stamp rubs against the ink pad. As the hen advances a few inches farther, the stamp makes an impression on a strip of paper running upon two rolls.

Cleaned.

Father (whose expensive gold watch had stopped)-"I can't think what's the matter. Perhaps it needs clean-

Henry (aged four)-"Oh. no, daddy, 'cause baby and I had it in the bathroom washing it all day yesterday."

It is estimated that in the last de keeps.

Eundred use snuff.

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Clair Aver avail. A oxygen su; notified of vestigating accidental

A despate Thursday half an ir registered ? 1.75 inches

> snow between and also in Seeded fie saturated, a the growing Man ha

The stor

necessary. Alberta (Ab