ENORY.

pobert Simson, Process of Mathe-nics at the University of Glasgon, was of those odd geniuses who do so the for the amuseum of humanity, for the sugar of his peculiarities always to his steps when he stirred away his steps when he stirred away his bachelor quarters. Even if a put his steps when he stirred sway mhis bachelor quarters. Even if a sent accested him, he did not lose his koning. To prevent such a catastrophe kept repeating the number of the last

e, while the Professor was on his platering, a gentleman, who for some gathering, a gentleman, who for some gathering, a gentleman, who say him by sight, but was unaware of plantit above mentioned, stopped him to take worthy geometrician had just taken five hundred and seventy-third step. of beg your pardon, Professor," said gentleman; "one word with you, if uplease."

please."
fost happy—573," was the answer.
)h, no," said the inquirer, surd, but courteous; "merely one ques-

well," added the Professor—"578." "Well," added the Professor—"578." "You are really too polite," said the larger; "but knowing your acquain-pre with the late Dr. B., and for the prose of settling a dispute, I have ken the liberty of inquiring whether I pright in saying that he left £500 to both of his nieces." ch of his nieces."
"Precisely," replied the Professor-

"And there were four nieces, were there

Exactly!--573." Exactly:—310.
The stranger stared at the Professor, if he thought him mad, muttered sar-sucally—3573. made a hasty bow and

Professor Simson saw the man's mis-Professor Simson saw the made inter-ke, or thought he did, and cried after in, taking another step at the same in-ant, "No, sir; only four-574." "Poor fellow!" thought the inquirer,

the turned away, "he certainly has gone szy." [Tir-Bits.

#### Oddities of Echoes

Did you ever figure on the exact dismee that one may be removed from a feeting surface and yet hear the echo Ins voice? It is said that one cannot cannot cannot commer distinctly or hear distinctly ore than five syllables in a second. This, fourse, gives one-fifth of a second for ich syllable.

chsyllable.
Taking 1,120 feet as the velocity of pund per second, we have 234 feet as redistance sound will travel in one-thof a second. Hence, if a reflecting drace is 112 feet distant, the initial band of an uttered syllable will be remed to the car from a distance of 112. , just as the next cyllable starts on its

mey. In this case the first fifth of a second is In this case the first fifth of a second is syllable, and the next fifth of a second in hearing secho. Two syllables would be ochood man reflecting surface 224 feet distant, the syllables from 336 feet, and so on ithin the limits of audibleness. But on be other hand, it is evident that a sharp, light sound say that made, but a hum. wick sound, say that made by a ham-ter, or a club upon a board, one in which he duration of the sound itself is one-tant of a second or less, would give an cho from half the 112 feet, of fifty-six

The above estimates and figures apply observations made in a temperature of ldegrees. Fahrenheit, at which scitists tell us that the velocity of sound \$1.118 feet per second. If the mercury ands at freezing the velocity of sound fill only be 1,086 feet per second.

#### Columbus or Vespucci.

ry schoolboy of course, knows that

Columbus had never lived America fould have been discovered all the same, hen Pedro Alvares Cabral, the Portu-less admiral, was carried by the trade finds over to the coast of Brazil in 1500. ut in that case it would not have been Stored by Spain and the whole surse of the inevitable European settle-ent on the continent must have been delified. When that can be said of any uticular event there can be no question I to its importance. There is a kind thistorical critic retrieval. to its importance. There is a kind historical critic, rather conspicuous in the latter days, who finds a peculiar usfaction in pointing out that Columbia discovered America without knowed died in the belief that he had ached Asia is certain. It is not less are that America Vespucci, from whom the continent was named, by a series of ake, misprints and misunderstandings, tent to his grave in the same faith. He cought that he had found an island of accretain size to the south of the equation, and that what Columbus had found of the north was the eastern extremity to its importance. and that what Columbus had found the north was the eastern extremity Asia. But the world which knows at Columbus did, as a matter of fact, bit the service of finding America, and tware that without him, the voyage tom Palos would never have been understand, has refused to helittle him because did not know beforehand what was aly found out through his available. out through his exertions. Saturday Review.

#### An Ancient Copper Globe.

One of the most significant curios in the Vorkis a copper globe in the Lenox Library. It is only four and a half to the earliest globe to lay down the new theoreties by Columbus. It dates back the first decade of the sixteenth centry. The little it shows of this hemiliars is mostly wrong, and the few most would be recognized only by extra in matters geographical, but the significant successions with the significant curious statement one of the chief to in matters geographical, but the be snightly esteemed one of the chief the best of a rare collection.—[Boston

#### THE SAHARA.

Description of the World's Greatest Desert.

The Sahara is an immense zone of desert which commences on the shores of the Atlantic Ocean, between the Canaries and Cape de Verde, and traverses the whole of North Africa, Arabia, and Persia, as far as Centrai Asia. The Mediterranean portion of it may be said roughly to extend between the 15th and 30th degrees of north latitude.

This was popularly supposed to have been a vast inland sea in very recent times, but the theory was supported by geographical facts wrongly interpreted. It has been abundantly proved by the researches of travelers and geologists that such a sea was neither the cause nor the origin of the Libyan Desert.

Rainless and sterile regions of this nature are not peculiar to North Africa, but occur in two belts which go round the world in either hemisphere, at about similar distances north and south of the equator. These correspond in locality to the great inland designer area free. The Sahara is an immense zone of des-

equator. These correspond in locality to the great inland drainage areas from which no water can be discharged into the ocean, and which occupy about one-fifth of the total land surface of the globe

globe.

The African Sahara is by no means a uniform plain, but forms several distinct basins containing a considerable extent of what may almost be called mountain land. The Hoggar mountains, in the center of the Sahara, are 7,000 feet high, and are covered during three months with snow. The general average may be taken ter of the Sahara, are 7,000 feet high, and are covered during three months with snow. The general average may be taken at 1,500. The physical character of the region is very varied. In some places, such as Tiout, Touat, and other oases in or bordering on Morocco, there are well-watered valleys, with fine scenery and almost. European vegetation, where the fruits of the North flourish side by side with the palm tree. In others there are rivers like the Uied Guir, an affluent of the Niger, which the French soldiers, who saw it in 1870, compared to the Loire. Again, as in the bed of the Uied Rir, there is a subterranean river which gives a sufficient supply of water to make a chain of rich and well peopled oases equal in fertility to some of the finest portions of Algeria. The greater part of Sahara, however, is hard and undulating, cut up by dry water courses, such as the Igharghar, which descends to the Chott Melghigh, and almost entirely without animal or vegetable life.

About one sixth of its extent consists of dunes of moving sand, a vast accumulation of detrities washed dewn from

About one sixth of its extent consists of dunes of moving sand, a vast accumulation of detritus washed down from more northern and southern regions perhaps during the glacial speech but with no indication of marine formation. These are difficult and even daugerous to traverse, but they are not entirely dectiture of egotation. Water is found at race but well known intervals, and there is an alundance of salsolaceaus plants which serve as food for the camel. This sand is largely produced by wind action on the underlying rocks, and is not sterile in itself—it is only the want of water which makes it so. Wherever water does over the cartesian wells are of water which makes it so. Wherever water does exist, or artesian wells are sunk, oases of great fertility never fail to follow.

Some parts of the Sahara are below the have of the sea, and here are formed what are called chotts or sebkhas, open depressions without any outlets, inundated by torrents from the southern slopes of the Atlas in winter and covered with a chief of the course. with a saline efflorescence in summer This salt by no means proves the former existence of an inland sea. It is produced by the concentration of the natural salts, which exist in every variety of soil, washed down by winter rains, with which the unevaporated residue of water becomes extuncted. becomes saturated.

#### √Soldiers' Feelings in Battle.

Testimony differs as to the feeling of Testimony differs as to the feeting of the soldier going into a fight, and the many experiences related during the recent encampment by the Grand Army men to their always willing listeners showed that in their war histories there was no uniformity of either fear or daring. The Major of a New Hampshire regiment said: "I always felt timid when the shot began to reach us, but as soon as we got into action I was carried away by excitement. I am not usually a pro-fane man, and I have no recollection of talking roughly to my troops, yet a good many of them have assured me that all talking roughly to my troops, yer a good many of them have assured me that all through a fight I would swear like—well, like a trooper." Another man, a Colonel, said: "it's all nonsense to say that a man doesn't feel afraid at the Beginning of a fight and all through it. Of course he does. He has reason. Sherman said of General Summer that he was the only man who grew bolder as he grew older, but the only man I ever saw who really seemed to want to fight, and to enjoy it after he was in it, was Custer."

#### Curious Wedding Rings.

In the early days of England wedding even more curious materials

age even more curious materials are sometimes pressed into service when emergency demands it.

Many cases are on record where rings of brass or iron and curtain rings and door keys have taken the place of the bands of gold which nervous grooms have

bands of gold which nervous grooms have mislaid.

One bride is said to have been married, with a leather ring, cut from a finger of one of her gloves, and another embar-rassed young couple were relieved by a suggestion from the minister that the wedding ring be cut from a visiting card.

card.
Quakers and Swiss Protestants do not
use rings at their marriage ceremonies.
The Irish have a strong objection to any
but gold wedding rings. In St. Kilda
wedding rings are made of worsted.—
[New York World]

\*\*\*\*

I had an experience in Nebraska in 1856 that I can see yet whenever I shut my eyes. I ploted a party of emigrants across the plains and was returning alone to the Missouri. It was a trifle risky, but my business was urgent, and I was so well mounted that I had little fear of Indians. It was in the latter part of September, and as there had been no rain for two paths the tall was no I had an experience in Nebraska in rain for two moths the tall grass was

Ike so much tinder.

One night I camped on a small tributary of the Middle Loup. It was a small, spring-fed rivulet, destitute of timber and almost hidden by the rank grass. I had not slept long when I was horrified to find the praftic to the south of two of the matter. prairie to the south of me on fire and a strong wind sweeping it down upon me. I mounted and started for the Loup, some five miles north, but before half the distance was covered my horse put his foot in a hole, fell and broke a leg.

The fire hemmed me in by a semi-

The are hemmed me in my a semi-circle and was coming on with terri-ble rapidity. The whole heavens seemed to be a sheet of roaring fiame. I thought sure I was done for. I have heard that men brought face to face with death remember every evil deed of their lives, but I simply stood there in the dry grass and watched the sublime spectacle. I felt that my doom was sealed and deliberately waited for it. Suddenly a new danger confronted me. A vast herd of buffalo flying before the fire was bearing down upon me. I was to be trampled to death and cremated after-As the vast mass came thundering on I instinctively started and ran. Several deer went scurrying by me, and I fancied I could feel the hot breath of the herd of buffalo on the back of my neck. I was sud-denly thrown into the air and landed lengthwise across the back of a big

I fastened my fingers in his shaggy coat and managed to bestride him, and thus mounted I was carried to the Loup River, where I was thrown off by the branch of a tree. I managed to swing to it, however, and thus saved myself from being tram-pled to death. The herd plunged across the shallow river, and I took refuge from the approaching flames in its muddy waters. Three days later I was picked up more dead than alive, by an emigrant train. I opent, first and last, more than fifteen years first and last, more than "liteer vensor the plains and had many close calls, but that midnight ride on a buffalo's back, with the Loup River in front and the fires of Geheuna roaring in the rear was, I think, as remarkable as any of the inventions

#### Swellings



Hood's Sarsaparilia and in a few weeks I found the swelling very much the swelling very much reduced, and I could Breath with Head not done for years. I continued with Hood's Sarsaparilia and am Permanentity Cured." MRE J. BIGELOW, Fremont, Mich.

Hood's Pills cure liver ills, constipation illousness, jaundice, sick headache. 250.

Ask your doctor what happens to cod-liver oil when it gets inside of you.

He will say it is shaken and broken up into tiny drops, becomes an emulsion; there are other changes, but this is the first.

He will tell you also that it is economy to take the oil broken up, as it is in Scott's Emulsion, rather than burden yourself with this work. You skip the taste too.

Let us send you an interesting book on CAREFUL LIV-ING; free.

Scorr & Bowne, Chemists, 13 South 5th Avenue, New York. Your druggist keeps Scott's Emulsion of cod-liver oil—all druggists everywhere do. \$1.

made entirely of roots and herbs gathered from the forests of Georgia, and has been used by millions of people with the best results. It

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All manner of Blood diseases, from the pastiferous little boil on your nose to the worst cases of inherited blood taint, such as Scrofula, Rheumatism,

#### SKIN - CANCER

Treatise on Blood and Skin Diseases mailed

ADIES—If you wish to make MONEY easy at Miss DOEA G. HOLT, Neath Bend. Inc.

The best thing that can happen to a nerrous girl is to be liked. Placed outside the combat frequently and unexpectedly, on account of lack of physical strength, it is a fortune to her more than another to have warm friends whose sympathy and interest are never failing. Hence, it is the first duty of the guardian of any such child to instill into its mind the spirit of self-denial that has for its outcome graces of speech and movement, sfience, and self-command, pure tones and distinct utterances, together with tact and good spirits. The constant effort necessary to be cheerful and sympathetic in spite of physical weakness lessens introspecphysical weakness ressents .....tion and mental indolence, and rouses activities of mind that might otherwise remain dormant. To please and be pleased, if early taught, remains a fixed habit in spite of viclssitude and change. It is a social custom expressive of a high order of self-control, a fashion that is never out of date. Contentinenc

Given all the comforts and many of the luxuries of life, how many people are discontented solely from a habit of comparing their lot with those of more fortunate acquaint-ances! They do not specially object to walking—they like the exercise— but, whenever their next-door neigh-bor's carriage dashes by them, they grow suddenly tired about the knees and feel a weakness in the back with which pedestrianism does not agree. Woolen gowns would be perfectly comfortable if silk ones never rustled comportable it slik ones never reacted in front of them. John Smith's brick house is better than he ever expected to own, and he would be content enough with it if Tom Jones, who went to school with him when he was a boy, had not moved into a stone-fronted mansion with hand-some partico. some portico.

THERE are lots of neglected graves In the consteries occupied by people who, like yourself, imagined when alive that there would be as great a rush around their graves as there is around a bargain counter, to keep them decorated.

That's What Brought the Factories.
Cheap finel and low freights are the necessities of manufacturing. Two fute-oil tiple lines, four railroads, one a complete belt line give triffin these advantages and brought her four ractories as soon as the town vig. laid on black. Designs & Co. Chicago Fours.

The greatest depth of the Atlantic Council

Conductor E. D. Loomis, Detroit, Mich., 1981. The effect of Hell's Cycycle Orderful." Write him about it world by snys. v.onderful " ' Druggists, 75c.

Reports come of the success of Ame observe seed in Germany.

Drugged the Baby.

Mrs. A.—"That cough mix are I bought yesrday for baby's cold made her vomit, and
hen made her so stupid I feared she had brain
wer."

B.—"My young friend, Dr. Hoxsie's a Croup t'ure is the one and only cough for children. Your druggist can get it wholesale medicine house. 50c."

There are 42 Egyptian obelisks still in exis

Who sufffers with his liver, constitution, bi ious ills, poor blood or dizzine-s- take Beecham's Pills Of druggists. Zo cents.

Kentucky has more race-courses than any other State in the country.

If afflicted with sore eyes use Dr. maac Thomp-ton's Eye-water. Druggists sell at 25c.per bottle

The Government provides 75,000 new mail ags annually, at a cost of \$40,000.

#### When Nature

Needs assistance it may be best to render it promptly, but one should remember to use even the most perfect remedies only when needed. The best and most simple and gentle medy is the Syrup of Figs manufactured by the California Fig Syrup Co.

There are \$1,400,000,000 in gold in circula on throughout the world.

Train Londed With Stove Polish Train Londed With Stove Polish.
Last week Messrs. Morse Bros., proprietors
of the well known Rising Sun Nove Polish,
filled orders from two customers in the West
for twenty-three cars hads of stove polish. As
each car contained 400 gross, weighing 16 tons,
the shlyment to these two houses was 200
gross, or 365 tons. The immense business done
by this firm is a monument to the industry and
high grade of goods for which they have carned
a reputation at home and abroad.

London houses burn 40,000 tons of coal daily. U 42

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ness and constipation for fifteen years and first one and then another prep aration was suggested to me and tried, but to no purpose. A friend recommended August Flower and words cannot describe the admiration in which I hold it. It has given me a new lease of life, which before was a burden. Its good qualities and wonderful merits should be made known to everyone suffering with dyspepsia and biliousness. BARKER, Printer, Humboldt, Kas.



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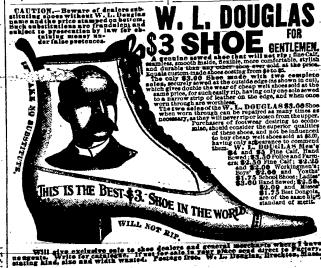
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