and keep them in suspension. Water The Yenisei riv-moving at twice that velocity will lift er has cut a simmoving at twice that velocity will lift or has care a single and carry along with it fine sand; ilar gorge across while a velocity four times as great the granite will sweep along fine gravel and water mountain chain while a velocity four times as great the granite will sweep along fine gravel and water mountain chain moving at the rate of two miles an which rose up to hour will carry along stones as big as separate the fertile plains of Minu-other side of the Allegheny mountain the plains of Minu-other side of the Minu to the size of a pebble that would be rolled along by a current of six or

hear what sounds like distant cannonading, produced by the knocking of the stones together as they are rolled along upon the bottom of the

ing over a rocky bed is determined by its ability to shove along sand and pebbles and gravel over its bottom. It is these particles of solid matter that accomplish the erosion, acting as a rasp, or sandpaper, or more properly a sand blast, to remove the solid rock beneath and deepen the channel of a stream. In order to do this, however, there has to be proper adjustment be-tween the supply of loose solid matter to be transported and the volume and velocity of the water. If there is more sand and gravel than the current can handle, this will accumulate upon the bottom and fill up rather than deepen the bed. If there is too little material the stream will flow over the rocks without effecting much erosion, while if there is just the right amount of colid matter to be cheese less it will solid matter to be shoved along it will leepen the channel with great rapid-

There are many striking examples of the work which has been accom-plished by rivers in deepening and widening their channels upon the rise of mountain chains as being most majestic illustrations of the power of natural forces, but the fact is equally impressive that in many cases rivers which run across the line of mountain elevation are able to wear down their channels as fast as the mountains rise and thus maintain their ancient onward course. The Hudson river has thus sawed down a channel through the solid rocks which its course at West Point and below all that picturesque valley of the Hudson being a valley of erosion. The Delaware river has worn an even more striking gorge through the Blue Ridge at the Delaware Water Gap, where it cuts directly across the very hard strata of Medina sandstone constituting Blue Ridge, forming perpendicular walls on either side 1.000 feet in height. Similar gorges are found in the Susquehanna and Potomac and many other rivers along the Appalachian chain just above where they emerge upon the surrounding lowland. We often speak of such rivers as

sinsk from the vaster plains of northtains, one strikes into the ern Siberia.

Coming to our own country, we himself in a trench several hundred colled along by a current of six or eight miles an hour, blocks as big as houses being sometimes set in motion and transported for considerable distances.

In various ways one can obtain positive evidence of this power of water transportation. If, for instance, he attempts to wade across the Platte river in Nebraska, which is overloaded with sand and has a gradient of seven or eight feet to the mile, and hence a very rapid current, he will of seven or eight feet to the mile, and hence a very rapid current, he will length west of Williamsport, which is off in either direction, whose main find his bare legs stung by the particles of sand and fine gravel that are storm one pauses to listen he will store a storm one pauses to listen he will store the content of the railroad track. Coming to the railroad track of the railroad track. Coming to the process in himself upon a vast plain, extending length west off in either direction, whose main superficial irregularities are those see by the fact that here the coal which have been produced by the eromines on either side are that dission of the countless smaller streams of the railroad track. Coming to the views of the railroad track. of the railroad track. Coming to the rivers.

Matchmaking of Japanese

Mr. Orio Tamura, as we will call matters-consults his wife. At last, our young gentleman, is about twenty carefully considering the official and years old, an article in the Wide social position of the persons and fam-World says. He is an up-to-date Jap-ilies interested, he suggests that a cer-anese, and has put off all thoughts of tain Miss Chrysanthemum would matrimony until this comparatively make a most desirable bride for the late date—for Japan—in order to fin- "learned son of the honorable house late date—for Japan—in order to finish his university studies. Now, however, he has finished his training, and has intimated to his father, as a dutiful son should, that he would like to marry. That is all he is required to do, at present; it is the business of latter to proceed. The marriage broker's next step is to approach the

his parents to take the next step.

Orio's father, presumably, has some quiet talks with his wife on the subject, and then betakes himself to a professional matchmaker, or go-beknown as the "look at each other meettween. These marriage brokers are a class apart—discreet men of the world, with a good deal of insight in the prospective bride in t to human nature. For the sake of that gentleman and the go-between his own reputation and future the himself. go-between usually does his best to

somebody or other conveys a hint to she does not wear the oldest clothes the marriage broker that a meeting on this occasion. Here, for the first between Mr. A—— and Miss Z—— time in their lives, the young lady and might not be unacceptable to both; Orio set eyes on each other. Etiquette in which case the task is easy. Usual- forbids them to speak to each ly, however, he takes time to look but nevertheless they are doubtless around him, and he in turn—how indispensable the ladies are in these other's appearance and manners.

The meeting usually takes the form The meeting usually takes the form please all parties.

Sometimes, in the east as in the prospective bride does the honors. west, love laughs at restraints, and It is perhaps unnecessary to add that

Fate of a Merchant of Fez

The merchants of Fez are to be the time in simple games of cards or found all over Morocco. In due course in listening to the weird efforts of All Mahmoud launches out into busi-ness on a large scale, says the Longets stout as he approaches middle don Graphic. He prospers exceeding age. One day his world tumbles ly and presently purchases a black about him. Such is the uncertainty female slave to assist his wife in her of fate in Morocco. Ali Mahmoud takes a house

When his first daughter is born terrible, and All vehemently protest-there is great rejoicing. The baby is immediately stained all over its little body with henna and then smeared who philosophically bowed his head liberally with butter and wrapped in with this saying: "Kismet! Mine en-

He was serving in his shop when of time he buys two more slaves and is fairly set up as a householder.

When his first daughter is born terrible, and All vehemently protest-We often speak of such rivers as "bursting" through their barrier. But there was no bursting in the operation. These gorges were cut by the slow process which we have described, the rivers lowering their channels gradually as the mountains slowly rose across them.

Among the most striking examples of rivers which have by erosion kept pace with the elevation of mountains across their course is that of the Columbia river, in Oregon, where for a long distance it occupies a trough running directly through the mountain chain thousands of feet in depth. Another very striking instance is that to be seen in the Amur river where for a few domestic troubles, his life truns smoothly. In the evenings All with his saying: "Kismet! Mine entend with this saying: "Kismet! Mine entend with his saying: "Kismet! Mine entend with this saying: "Kismet! Mine entend with this saying: "Kismet! Mine entend with his axing: "Kismet! Mine entend with his axing; "Kismet! Mine entend with his saying: "Kismet! Mine entend with his axing; "Kismet! Mine entend with his axing; "Kismet! Mine entend with his axing; "List with the child is requires milk." The arbitrators were called, and, having been bribed previously, they find Mahmoud guilty and sentence him to the usual punishment meted out to givers of false weights. He is dragged to the southern wall of the city, to a place where a tall gibbet is erected. By the irony of fate it i

LOST IN NEW

Thousands of Disappearances Reported to Police Annually.

Esther Maude Mearson's Case Resembles in Many Respects That of Ruth Wheeler Who Was Murdered.

New York .- Exhaustive search by the police in every nook and corner of New York failed to reveal the slightest trace of Esther Maude Mear-son, aged sixteen, who mysteriously disappeared after starting out to seek work as a stenographer.

The case resembles in many respects that of Ruth Wheeler, who also sought employment as a ographer and went to the rooms of Albert Wolter, where she was mur-dered and her body burned and put into a sack. It is another of the many strange disappearances of a great

city's daily life.

In fact, the parents of Esther Mear son, having in mind the sad fate of Ruth when their own daughter went in search of employment, cautioned her against going to private residences for work or answering post card requests for help as did Ruth Wheeler, Esther, an unusually attractive girl, well proportioned and large for her age, was also warned to be careful of her conduct while in the presence of strange men.

It was Lyon Mearson, brother of the missing girl, who first notified the police of her disappearance. Lyon, a graduate of the New York law school, is employed in the office of a large law firm. Joseph Mearson, the girl's father, is a retired jewelry and dry goods salesman. There are seven children in the family. They live at 107
East One Hundred and Twenty-third

Esther left school two years ago and became a pupil in the Hebrew Technical institute, where she took a special course. Upon leaving the in-



stitute she took up the study of stenography at her home and before long became proficient in it. While it was not necessary for her to seek employ-

ment, the girl did not wish to be idle.

Mrs. Mearson was the only member of the family to talk with Esther Monday morning, when the girl was preparing to continue her quest of a position. The girl was more confident than ever she would find a place where there would be a chance of advancement. She told her mother that was the kind of a position she was trying for.

I will be home as soon as I can, mother," said Esther, as she kissed her parent goodby. "I will be glad if I find the place I am looking for because I need something to occupy my mind."

A woman describing herself as Mrs. J. F. Kennedy went to see Mrs. Mear-son and told her that she was pretty sure that she had seen Esther on Third avenue near One Hundred and Twen-Mrs. Kennedy said ty-Fifth street. saw a middle-aged man in the neighborhood of fifty, say, accost the girl, calling her "miss." The girl, Mrs. Kennedy says, stopped and the two were still talking when Mrs. Kennedy

went on about her own affairs.

Thousands of such cases come to the notice of the Gotham police ev-ery year. Some of the disappearing persons return after they have been away a short time and the public hears nothing more of them. Others never are found and go down in the annals of the police department as unexplained mysteries.

London.—The new queen is so thoroughly British in her culinary tastes that she is reported to have dismissed Menager, who for years has been the monarch of the royal kitchen. Mary is said to have decided to em ploy only British labor when possible.

Paint Makes Cows Ugly.

Washington, Pa.—A diet of paint was fatal to three registered Jersey ers and a fourth is expected to die A can of paint was thrown into the pasture which, after they are it, caused them to run about the field and try to

\$155 an Ounce for Rare Forks. London.—The record price of \$155 an cunce was paid by Mr. Amor for two rare old silver two-pronged forks from the collection of Lord Tweed-meuth. The forks were respectively of the William and Mary and Queen UNDEFEATED CHAMPION OF THE NORTHWEST.

T. A. Ireland, Rifle Shot, of Colfax, Wash., Tells a Story.

Mr. Ireland is the holder of four orld records and has yet to lose Mr. Ireland is the normal world records and has yet to lose world records and has yet to lose "Kidney trouble so affected

my vision as to interfere with my shooting. I became so nervous I could hardly hold a gun. There was severe pain in my back and head and my kidneys were terribly disordered. Doan's Kidney Pills cured me after I had doctored and taken nearly every remedy imaginable without relief. I will give

further details of my case to anyone enclosing stamp." Remember the name-Doan's. For sale by all dealers. 50 cents a

box. Foster-Milburn Co., Buffalo, N.Y. When Father Helped.
The fond father held the manu-

script while his son practised the ora-"Shall we permit the ruthless hand

of the hydra-headed tyrant," cried the youth, "to-to-to-well, what is it?" The father was wrestling with the

"Oh, yes," he muttered, "here it is: "to dessicate.' Go on."
"It's desecrate," cried the boy, indignantly. "Shall we permit the ruthless hand of the hydra-headed tyrant to desecrate the the the shall be the shall be sha tyrant to desecrate the the why don't you prompt me?"

The father was staring hard at the manuscript.

"The-the poodle-paddle-poodleum of our liver ties," he stammered.

"It's the 'palladium of our liberties,'" roared the boy. "Gimme that paper—I'll say it meself." And he stalked away angrily,

But He Wasn't.

Senator Depew, in his Washington residence on his seventy-sixth birth-day, told a reporter that his health was perfect.

"You do, indeed, sir," said the reporter, heartily, "look the picture of health."

"Yes," said the senator, "I shouldn't have said I was well if my appearance didn't bear me out. A self-contradictory statement is merely ludicrous. You have heard about the census

"A census taker rang the bell of a Hillyer place residence the other day and an elderly gentleman opened the

door.
"'T'd like to see the head of the I'd like to see the head of the house,' said the census taker.
"'S-sh! Not so loud!' whispered the elderly gentleman. 'Now, what is it?
I'm the head of the house?'"

Try This, This Summer.

The very next time you're hot, tired or thirsty, step up to a soda fountain and get a glass of Coca-Cola. It will you off, relieve your bodily and mental fatigue and quench your thirst delightfully. At soda fountains or carbonated in bottles—5c everywhere. Delicious, refreshing and wholesome. Send to the Coca-Cola Co., Atlanta, Ga., for their free booklet "The Truth About Coca-Cola." Tells what Coca-Cola is and why it is so delicious, refreshing and thirst-quenching. And send 2c stamp for the Coca-Cola Baseball Record Book for 1910—contains the famous poem "Casey At The Bat," records, schedules for both leagues and other valuable baseball information compiled by authorities.

Get After the Flies.

With the warm days flies multiply amazingly. Now is the time to attack them and prevent the breeding of millions from the few hundreds that already exist. Perhaps the most effective method

of destroying flies is by burning pyrethrum in each room. This stuns the flies and they can be swept up and burned.

Flies are dangerous carriers of disease and an enemy of humankind. Do your part toward keeping down the pest and improving the health of your community

Important to Mothers Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it

Bears the
Signature of Carl Filter.
In Use For Over 30 Years.
The Kind You Have Always Bought.

Oh, Mr. Wright! Wilbur Wright was talking to a Dayton reporter about the Daily Mail's \$50,000 aerial race from London to

Manchester. "It was shocking, though," said the reporter, "that Graham White, an An-glo-Saxon flying man, let himself be

beaten by a Frenchman. Mr. Wright smiled.
"Shocking?" he said. "It was more

than that. It was a-Paulhan.

Faster.

Teacher—Children, nature is superior to man in everything. For instance, there is nothing that travels so fast as the unseen wind. Willie—ifuh! You ought to hear what my pa says about a sight draft!

Penalized for Holding.

Maud—Do you believe in palmistry? Ethel—In a way. I've known it to work splendid as a starter when the young man was shy.

He who commits injustice is ever made more wretched than he who suffers it.-Plato.

Don't throw kieses, my boy; deliver them in person.

Constipation Vanishes Forever

Prompt Relief -- Permanent Cure

CARTER'S LITTLE
LIVER PILLS never
fail. Purely vegetable—act surely
but gently on
the liver.

GENUINE must bear signature :

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STOCKERS & FEEDERS

Choice quality; reds and roans, white faces or angus bought on orders. Tens of Thousands to select from. Satisfaction Guaranteed. Correspondence Invited. Come and see for yourself.

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At either
Kansas City, Mo., St. Joseph, Mo., S. Omaha, Neb.



WOMAN'S ADVANCE IN CHINA

One of the Most Encouraging Signs of Progress That the Great Empire Has Yet Given.

When Christ begins to uplift a race, the evidence of it is seen in the position and education of woman. In the great land of China woman is still ignorant and enslaved to man. Mentally, morally and physically she is still near the bottom of the ladder—but a change is coming and has, in fact already become evident. A new style of woman is appearing, with unbound feet, with face washed from the old-time paint and powder, with the impulse and admitted right to take her place beside the men of her family and acquaintance in social and intellectual life.

Perhaps the most evident change has been in the line of woman's education. Thirty years ago there was not even the simplest classic for not even the simplest classic for them; now the road to highest edu-cation is opening. The very men who a generation ago wished to keep them in subjection now demand they shall be like their western sisters.

'A cry comes from all over China for teachers, for women who know," says a writer in Woman's Work. "This need offers perhaps the greatest op-portunity for American young women that exists anywhere for the Chinese are willing to pay for English, for music, for anything. It is decreed that their women must be enlightened."

Another sign of progress in China is seen in the new official Chinese almanac, which contains for the first time in its history the Christian Sunday as well as the Chinese holy days,

German Alcohol Stills. authority on alcohol stills says that there are 20,000 farm stills in operation on as many farms in Germany. The German government permits the farmer to produce a certain amount of grain or potato alcohol, the amount depending upon the size and location of the farm and the annual demand for the product, upon the pay-ment of a reduced revenue tax. Alcohol distilled in excess of the quantity allowed is subject to the higher rate of taxation. Denatured alcohol, how-ever, is not subject to any tax.

The Secret.

"Miss Bright," whispered Miss Gaussip, "can you keep a secret?" "Yes," replied Miss Bright, also whispering, "I can keep one as well as you can."

pugilism, but they will continue to train for the engagement ring.

A "Corner" In Comfort

For those who know the pleasure and satisfaction there is in a glass of

ICED POSTUM

Make it as usual, dark and rich-boil it thoroughly to bring out the distinctive

Cool with cracked ice, and add sugar and lemon; also a little cream if desired.

Postum is really a food-drink with the nutritive elements of the field grains. Ice it, and you have a pleasant, safe, cooling drink for summer days-an agreeable surprise those who have never tried it.

"There's a Reason" for

POSTUM

Postum Cereal Co., Limited, Battle Creek, Mich.