## emocratic Matchman. Bellefonte, Pa., September 29, 1911.

### SCALES OF THE EEL.

hey Are Very Minute and Resemble Herringbone Brickwork.

In the ordinary acceptation of the rm the eel is a scaleless fish. But is due to the fact that its scales are ery minute and imbedded in the skin. hey form, as pointed out by a corspondent, very interesting and beauful objects for the microscope. In ize the scales of the eel vary from onewentieth of an inch upward, accordng to the age of the fish. They are rmed of two layers of a clear, horny bstance, the upper of which is .dded with crystals of calcium carlate. These are so transparent as ) look like empty cells. The scales ary in shape from a blunt to an longated oval and are sometimes alnost kidney shaped.

This is how the scales of the eel tell Ets age. On each may be observed at 4 itervals several more or less clearly tarked lines parallel to the margin. these mark lines of growth, one for ach year of the life of the fish. Three cars, nowever, must be allowed for te innermost ring, as the eel has no cales until the third year. The scales o not overlap to any extent and are rranged in series of small groups at ight angles to each other, so as to esemble what is known as herring one brickwork. Conger eels, how ver, are said to have no scales .- Lonon Field.

## BALKED THE BURGLAR.

May or May Not Have Been a Low Down Game, but It Won.

The man with his coat collar turned p and his derby pitched down over 's eyes who was slouching along in e shadow of the building suddenly skoned to the man on the other side the street. "Here's an easy one

te," he growled hoarsely. Where's an easy one?" snarled Pete. This here house. It's like taking m from a stenographer that's fixin' : hair. Some chump has gone away left his latch key in this door." ete took a swift look at the house 1 began to back up. "You can ge it," he said. "I don't want to buil on it."

Are youse nutty?"

Naw, I ain't nutty. But de feller t lives dere is a low down sneak iout no feelin' fer nobody, an' I don't nt nothin' ter do with 'im. No. I i't know him, but I'm next ter his ne. He sticks that key in dere to suckers like you. Dere's a wire attached to dat wire. I wouldn't touch

#### proved easily with a piece of hoard. "Take a piece of board, say, ten feet long and lay one end on top of the wheel. Now move the engine forward two feet and you will find that the

board has gone ahead four feet. just twice as far as the engine. Lay down the board and tie two pieces of string other at the bottom, where it rests on the ground. Now run your engine forward two feet and see what happens. too, but not nearly so far as has the top piece of string, although the ends were even at the start."

WHEEL PROBLEMS.

Around the Axle?

eyes every minute of the day.

It goes around nothing at all.

"Men with clear minds can perform

the experiment satisfactorily by tying

a handkerchief around the tire in day-

light, but to do this takes a keen math-

ematical imagination, because the eye

is confused by other moving objects

and is not able to see the handkerchief

"At night the candle flame alone can

send the engine slowly back and forth

while the observer is off some hundred

feet distant in the dark. The torch

does not move in a circle. It simply

goes ahead somewhat like a flying ma-

chine rising and falling in the wind.

coming to a dead stop at its lowest

point and going twice as fast as the

"The fact that the bottom of an

engine when at its highest point.

free from these other influences.

flame.

Plants Breaking Up an Island. The layman would scarcely associate dignified and elderly British officer has great strength with so delicate and fragile a thing as maidenhair fern. in blue silk pajamas, with one slipper on dat key an' a million volt battery yet if its roots have not sufficient and a shaving brush, closely pursued room they will break the pot in which by his own animal, with his long neck

## SIGNATURES ON CHECKS.

The Plainer They Are the Less They Does the Edge of the Wheel Revolve Appeal to Forgers.

"You ought to sign your check dif-"The wheel that turns under the ferently, Mr. Blank," said a Chicago ocomotive or the car has a long and queer history," says a writer in the bank employee to a depositor whose ac-Railroad Man's Magazine, "but the count runs well up toward \$100,000 a mystery is still with us and whirls its уеаг. hundred question marks before our

"What's the matter with that check?" asked the customer, nettled "Of course every one believes that that, as he thought, it should be intithe edge of the wheel goes around the mated he didn't know how to draw a axle. But does it? Take the end of check.

any spoke near the tire or any part of "You misunderstand me," said the the tire and on a still, windless night teller. "The check's all right. 1 was fasten a candle to it; then back off till referring to your signature. It is just nothing can be seen but that candle the kind that a forger takes delight in copying. If you will allow me the "Let the wheel revolve slowly, free privilege of saying so, you're liable to from the ground. The candle flame meet with loss in that way at any makes a circle of fire all right and time. Any good penman could imitate goes around the axle. Now lower the it so cleverly you'd hardly know the wheel until it rests on the ground and difference yourself.

start uhead. The flame suddenly stops "The plainer the signature the less going in a circle and begins to make likelihood there is of a crook trying to a wavy line, first high and then low. imitate it." he continued after the de-

positor had become interested. "In nearly every big forgery of which 1 ever heard, or in many of them at least, the signature imitated was that of a man who wrote with a flourish or who had some peculiar type of writing that ordinarily would appeal to the laity as hard to imitate. It is a fact that it is a rare occurrence for a big forger to attempt to imitate the signabe seen, so that is perhaps the best ture of the man who writes a plain time to try the matter out. Tie a hand. torch to a locomotive driver and then

"Not long ago I had occasion to tell a friend of mine he stood a chance of having some forger get a good sized check in on him. My friend changed the style of his signature, and a few days later he was asked by a bank to inspect a check which had been presented for payment and to which his old style signature was attached. He had changed just in time. The forger engine wheel always stands still is had been practicing on the old signamore easy to learn than the fact that | ture, getting it down 'pat.' and had not the top of the wheel moves just twice ascertained that the new signature as fast as the train, but this can be was being used."-Chicego News.

## CAMELS ARE VICIOUS.

Have Numerous Dislikes, th They Chief of Which Is Man.

A peculiarity of the camel is his dis likes. Likes he has none, save for the mimosa thorp and, perhaps, for dying. to the wheel, one at the top and the He hates red, and when, years ago, some genius of the British army equipped the squadrons of the camei corps with bright crimson saddles the The bottom string has moved forward. animals so resented the outrage that numbers of them gave up the ghost

in pure disgust. The camel always, of course, hates man and sometimes displays his vindictiveness in no uncertain manner. A been seen to foot it all round the camp

it if yer'd giame de First National the plant grows. Blades of grass will stretched to the utmost and his savage bank. But go ahead--I'll be acrost de force the curbstones between which mouth much too near that sleeping

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ing of Clothes for Men and

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wear, Hats. Everything that

Man or Boy wears is here, and

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than you ever saw in Belle-

fonte at any. time. We want

you to see what we are show.

# The Ignorant Patriot. A very raw recruit was being pu

through an examination in geography wherein he proved himself astonishingly ignorant. At last, after a failure on his part of unusual flagrance, the examiner scowled at him and thunder-

"Idiot. you want to defend your country and you don't even know where it is!"

Ail Up With Hime "You had a high old time in Europe?"

"Yes." replied the returned tourist; "I had. I was done up at Monte Carlo, held up in the Apennines and laid up in Rome."

Her Ability. "Are you able to keep your servants any length of time?" "Let me see. I've had my husband

six years."-St. Louis Post-Dispatch.

Keep your heart high. That is the sum of philosophy.-Cousin.

Plumbing.

## Good Health Good Plumbing GO TOGETHER.

When you have dripping steam pipes, leaky water-fixtures, foul sewerage, or escaping gas, you can't have good Health. The air you breathe is poisonous; your system becomes poisoned and invalidism is sure to come.

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street watchin' wot happens.' Nothing happened .-- Cleveland Plair Dealer.

#### Ancient Inkstands.

make and is supposed to belong to the eighteenth or nineteenth dynasty, ot its real are can be judged only ap-proximities. It is made of wood and has two compartments, an upper one rovided with two holes, one for black nd one for red ink, and a lower one for holding reed pens. The black and red ink are certainties, for some still remains, in a dry condition, within the receptacles. Another ancient inkstand is supposed to have been intended for the use of a schoolboy. It would cerainly hold ink enough for a schoolboy's needs, for it has no fewer than four ink holes. Both inkstands were found at Thebes.-London Globe.

#### Eased His Conscience.

Dean Buckland when at Westminbrown paper parcel which he revrappings had been unfolded he found you see more people in London who old national weapon of yew. Neade. eived one day by post. After many a small black splinter of oak about an inch and a half long. The writer the beggar in Paris is clean in face. in- states that the ordinary range of the of the unsigned note accompanying the ger nails and clothes.-London Chronparcel said that when he was a boy. many years before, he had chipped the splinter off the coronation chair. As age advanced his conscience grew to be kind enough to restore the pier scanthingly to the inspector whom

Making It Clear. Parson's daughter: "Good morning. Giles! Haven't noticed you in church for the last few weeks." Giles: "No. miss; I've been oop at Noocastle a-visitin' my old 'aunts. And strange. isn't it, I don't see no change in 'em since I was a child like?" Parson's daughter: "What wonderful old ladies they must be." Giles: "I didn't say 'arnts,' miss; I said 'awnts'-'aunts where I used to wander in my child hood days like!"

1 hours

44

Advice. "Now that you've heard my daughter sing, what would you advise me ta practical automobiling. and the streets

do?" "Well," the music master replied, "I hardly know. Don't you suppose you could get her interested in settlement work or horseback riding or something like that?"-Chicago Record-Herald.

His Grievance. Editor-We are sorry to lose your subscription, Mr. Jackson. What's the atter? Don't you like our politics? listah Jackson-'Tain't dat, sah, 'tain't it. Mah wife jes' been an' dun landd a job o' wuk foh me by advertisin' in youh darned old papah!-Puck.

they spring up out of their place, and in a single night a crop of small mush- fatigue party was summoned, who, rooms has been known to lift a large with telegraph poles, young trees, rallstone. Indeed, plants are on record as having broken the hardest rocks. The An inkstand that was probably in island of Aldabra, to the northwest of use 3,400 years ago is exhibited in a Madagascar, is becoming smaller Berlin museum. It is of Egyptian through the action of the mangroves that grow along the foot of the cliffs. They eat their way into the rock in somewhe e about 1500 B. C., although all directions, and into the gaps thus formed the waves force their way. In time they will probably reduce the island to pieces.-Scientific American.

Bathrooms In Paris. An observant English journalist in Paris has-as a hot weather amusement-made a private census of bathrooms. He calculates that in all the flats and private houses of Paris there are about 2,800 bathrooms. And this writer, lying in his own bath and making another calculation, will bet a bathful of water that he could get up and pitch a cricket ball from the garden about his modest flat this way and that over as many bathrooms. It ter used to tell a curious story of is a curious little difference of national architecture. And the quaintness of times. This performance, however, the difference comes with the fact that seems to have been exceeded with the

He Didn't Know. "I didn't expect any better treatment than this," said the lady on the splinter to its place.-Pall Mall Gazette she suspected of rudeness. "You can't "As to that I don't know. madam."

said the inspector placidly. "I do not recall any ruling of the treasury department on that point. If you are bringing in any of either you'd better declare them and leave the classification to us."-Harper's Weekly.

The Island of Hongkong. Hongkong is an island about eleven miles long, with a width of from one to three miles, and consists almost en-

tirely of a series of hills. There is a good road around a portion of the is-land on the sea front. but the grades up the mountains are too steep for generally are not wide enough and not Autumn Chills strongly enough constructed to permit

the use of heavy cars upon them.

#### An Enthusiast.

Towne-Oh, yes, he's quite an enthusiast. He goes in for things in real earnest. Browne-Yes; if some one were to send him on a wild goose chase he'd speak of himself afterward as a sportsman .- Catholic Standard.

Evil is wrought by want of thought as well as by want of heart.-Hood.

suit to be pleasant. At length way ties and such cajoleries, prevailed upon the beast to desist.

As a mount the camel is said to possess distinct advantages. His gait is comfortable when one has learned to ride him, and for really long journeys. which must perforce be made at a slow pace, he is much less tiring than a horse. Besides, he carries with him all manner of things the rider is likely to need en route-canvas buckets of water. in which bottles stand to cool; a writing desk (not necessarily of the office type), but still an efficient substitute; a luncheon basket, rifles, telescopes, a mountain gun, if required, and other

Long Arrow Flights.

needful articles.

There was a marvelous archery feat performed some years ago by Sir Ralph Payne Gallwey on the links at Le Touquet. Shooting with a Turkish bow, he covered a distance of 367 yards with his best arrow, thus breaking all records achieved in recent look-yes-dirty than in Paris. Even a famous archer under Charles I., bow was from 320 to 400 yards. The longest shot authentically recorded in England is that of a se-retary of the Turkish embassy, who in 1794 shot an arrow 463 yards with the wind and 415 against it in the presence of several members of the Royal Toxophilite society, who measured the distance and preserved the arrow.-Pall Mall Gazette.

> "Cat!" She Exclaimed. Nan-Anyway, I don't like his looks. Fan-That's because he looks in my direction rather oftener than he does in yours.-Chicago Tribune.

Honesty is the best policy. but he who is governed by that maxim is not an honest man .-- Whately.

Hood's Sarsaparilla.



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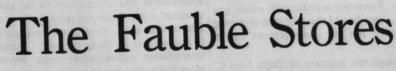


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