-- PRADE IN GERLETONG. -- -- THE NEW BARRES.

maginal.

4. OF TREE Besing that as one moves westward the time gets earlier and earlier, so that when it is Monday moon in London. It is some time on Mustky morning in Manorica, it follows that, if this printhe way round the world, at the same moment that it from Boundy noon in Loaden M would be also \$4 hours later. -that in Tacsley mean, in Legion. As this is reductie absurdup. We dook for the limit, which does, in feet, exist, on the pointful that as one mores eastward gets later, and as one moves eastward gets later, Bays the St. James Canttle.

ledore the circumnavigation of the miche there was no afficulty. When on a Monday the sun stood over Lendon'ss was Meditor meen in Landon. As the was Median moon in London. As the sub-interplace (in me the papeler phrase) mestward and stood a field later over Dublin it became Monday moon in Dub-Ma, and so on until he reached the workorn finite of the hundre worth. When the tin passed over that limit that was the end of noon for that Monday, and nobody knew what the sun was de ing until he recommend on the easter's limit of the known world, bringing with him Tuesday meeting. It is eviin the unknown abyes between west and cast he drapped the attribute of making the time at all places directly, stader his rays Monday acce and took As the confines of the world were

minted forther convert and west-ward respectively, the naturalizations be made not marrower und starrow mutil, when the globe was circummedgated, the place of change became simply a fine. This line exists, and is the place where the days begin. As the san grouse the Semarkable shot the see groups the semarkable shot the same tamps it bours on separations and the same to be seen to set of see the seen to set of see the seen to see of see of seen to see of man journaying from the east or from the west. The discoverer brought with the almenae from whence he came. of if he came from the west the time the new country would be later, and I be come from the east it would be order than the time in the country e came from. America was seached by sivilland

man voyaging westward, and China by man traveling costward, and the rethe days begin Her between there two, in the Parith econe, and, instead of belief a straight-line, rigrags about, dissiding intends which happened to be discovered from the cent from those which hoppened to be discovered from the west. There must still be many islands in that ocean where it is not yet decided to which side of the line they belong, and where, if one were put down one would not know whether it mere to-day, to-morrow or yesterday. There must also be many islands there which, never having been permanently foccupied by civilized people, change their day from time to time, so that a. ship calling there coming from China might arrive on Tuesday, while another ship calling at the same time from America would arrive on Monday. There must be people living so near this line that by going a lew miles they ton here to day and get into to-mor-ing, by mine heat can find yester-Reny other curious someiderations

pecur to one, but I have said enough, I. Mink, to show-what every one does. mot, perhaps, realine—that there is a place in the world where the days he-

Foodle on Mount Stophon. The making the ascent of Mount Stephen, one of the glass mountains of British Columbia, at the foot of which de siers runs through what is euphoniously termed the Kicking Horse Valley, that hardy Alpine climber, Mr. Edward Whymper came upon a novel and wanexpected find. A considerable way mp, at a height 6,800 feet above sealevel, he chipped out a number of for-These curious little wriggling creafores, not unifie wood lice in form, and b | having the same capacity of rolling themselves into a bail when danger threatened, swarmed in the Palaeozoic mean, and are amongst the earliest known forms of life on the earth. In the same fossil bed was found a large marine prawn. Mr. Whymper bac sent several of his best specimens for examination by the geologists of the Natural History museum, South

in 1964 A Sevilome Old Pholic. The first book printed in the United States was an almonac published at Cambridge in 1639 by Stephen Daye, who established the first printing-press in this country. The second pub-lication was a slip containing a poem, gatitled: "The Freeman's Oath." The best book was a metrical version of the Paalms, known as the "Bay Paalm. Book," in 1840. Copies of the latter are now very rare. It is one of the most valuable books in the world. - Woman's Bome Companion.

Electric Light on the Byen, A Russian specialist has decided that, centrary to the general opinion, elecdrie light plays less have with the eyes 8 than other forms of artificial light. He hases his deductions on the fact that authorsipped to the frequency of the smiosure of the lide. He found that the andle light, 2.8 times with gas light, gains times with sun light and 1.8 times with electric light.-Medical Record.

They Are Worth Twenty-Five or Chiety Bellinos Where There Is a Bettend for Thom.

It leg't very often that anybody wants a ekcisten. Most shople have them in their clothen, but in the very nature of things the suffers pover jule into the negative of foluntarily, in the part of the sectionalite party. What the sixtuous gell into the paper of all it is usually a good stary. It is the deleton that makes the story good, says the Elmese City Journal. Has the other day a man advertised for a skateron. It had to be good, and

ft had to be articulated. The man was a medical student, and he wanted the akeleton for strictly prefessional and scientific purposes. He received an answer the other day from a firm dealing in physicisms' supplies, but the contents are not yet articulated. "A good skeleton, articulated," said

a preminent doctor in the Rinkto building the other day, "such as this young. man avidently wants, can be purchased for about \$65 to \$30. There is up pro-Semiconi anticidation done here. All thy arthuristic attaches attaches come, from the test. Some physicians and sur-mines, of course, periods unficient skill the heading of begar and sufficient Imported of amining to mount of arany mistakes. Every bone must be in the private and private to remembered holding rat it is a more mass of bones, indicateleisly mixed up, the extent of the accuracy that is necessary tony be

imagined. "At the Kamese City colleges, from M to 30 bodies pass through the disnest-ing rooms of each big school. The bones of a large portion of these bodies the number of whole skeletons that leave the habite is very limited. Such as are whole are the property of the fanitor, and he sells them to physicians and students, the usual price for a whole skelpton unarticulated being about ten dollars. The physician or student will probably mount the homes as a practice in anatomy or se a Remonstration before a class.

The price of a perfect skull is about five dollars. It will have all the teeth intact, and it will be cleaned of flash. but it will flot be polished to a very high degree, not will it be whitened or bleeched. There is no special demand for bones, and the great majorfty of the remains of dissected bodies are burned along with the rest of the body after-it das served its scientific

"I mever saw but one child's skeleton in my life. The question of sex in an adult makes no difference in the price, but there are no skeletons of children on the market. Children never go to the dissecting table, and semehow there is no demand for the little skele-

## LE CED-THEE PUDDLERS.

Sparry-Readed Non Who Meet Twice Their Younger Days.

"On the low hills that hedge in the swamp stretches of the Illinois Kanhakee; in the valley of Indiana's Lost river; in the Wisconsin woodlands, and in the Kentucky blue-gram pastures, are found the homes of the old-time Addlers, says Woman's Home Companien. There ere no young fiddlers in this middle-western country. The young fiddlers are all violinists; save the mank! This land of prairie, pasture and forest was prolific of fiddlers. Their race is mearing its end, and when it in faisly run a regret will linger in the hearts of these who knew these ancient players, like that felt when the last attain of one of their pathetic melodies passes from fiddle and bow.

There are enough of them left, however to make up goodly gatherings twibe a year in different parts of their home sistes, when they meet to engage in the honored "old fiddlers' contests." These contests smack of the western seil. They are peculiar to the prairie country and to a small part of Kentucky and Wisconsin., The old snowy-headed men who compete for prizes at these meetings have no new music. Their tunes in the main have been handed down to them father to

of humanity swelled cover the Alleghany mountains and spread to the land beyond. The quality of their music is Nature's own. Through it all the cardinal whistles, the quall calls and the sufted titmouse pipes.

HALE I.A. A Stern. Harry-So you are convinced that Miss Mitchless might have married had she desired. How did you come to that

Dick-I have known her many years, and I never heard her intimate that she remained single from choice.-Boston Transcript.

In Trade, Ascum-I notice Mr. Kloseman has become a regular attendant at church.

When did he got religion? Browne-He didn't. M's just business with him. He loaned Rev. Mr. Gassaway \$100 some time ago and ha'e had to take it out in pew rent .- Philadelphia Press.

The Basser Mite. -Mamma-What a temper you're in! What's the matter? Tommy-That new boy next door

"Was he teasing you?" "Nam. I was teasin' him an' he jest wouldn't get mad at all."-Philadelphia Press.

made me mad.

Life.

Now. Harold, when your father comes home, you may expect to get punished for this." "Not for this, mamma. He's four days beliend on me now."-Brooklyn

Keeping Tab.

Lawyer Gate litte the Rands of an My-Trinckman and Mac a Bad Pime of It.

"I have just had a humorous but rather unpleasant experience," said a well-known lawyer recently, relette the New York Sun. "It wasn't weep funny for me while it lested, but is taught me a thing or two

This is the way it happened: "I was over on the extreme East side this morning on business, but found my client out. His wite said that he would be have in an hour or so. I needed a shave, so I hunted up a little barber shop on the next block. I had been there before and remembered the shop as a clean one where one could bet a really excelloss show. But I didn't know that the shop had changed hands since my last visit. I found that out later.

"Boss out? I saked as a greeny young Italian renelled for a still more greasy appearing towel.

"Me, said he, I bought the shop four days ago. Shave?" "No. I said, settling back in the shale. I thought I would drop to

and have a few tooth pulled."
"Now, I shouldn't have said that. I see my mistake now. But the remark did not appear to disturb him. He just mixed up a sickly looking lather and deabed some of it on my face that is, what did not go in my mouth wend on my face.

"Mave you cay venille or orange Severed scap? I asked. I am particularly fond of those favors. I don't like the taste of the kind you are using."

"Of course that is where I made my second mistake. I shouldn't have ball that, but'If didn't appear to affeet him at all. He got out a resor, and stropped it up. I thought that was what he was doing, but it seems that he was only putting on a saw edge. A new edge cuts better, you know. At least the one that he fixed

mp did. "I am afraid that your saw is I fittle dull to-day, I remarked. 'Perhaps, if it is not too much trouble you will also clip a little off the other ear. I am afraid I will look somewhat one wided.

"'I have not reached the other side yet,' he rapiled. 'Will you open your

mouth, please? "What for? I seled, but I had unid enough. When my mouth was opened he jabbed his thumb inside so that he could hold out my cheek. Reminded me of the old-time dentists when they wanted to get at a back tooth. Treuse me a minute, they would say, while I dislocate your jaw, and then would hit you a thump and leave your jaw as wide open as pool rooms under Tammany.

"By this time I was getting really interested in the operation, and when my friend the barber murmured, "Eleven.' I saked him, 'Eleven what?"

"Eleven times that I have cut a I have only been a barber for four days. I was a truck driver before that and saved enough money to buy this shop. I made 13 slips the first day that I tried shaving, that was twice for every man I shaved but one -I cut him three times. I don't understand it. I used to shave myself very well. I had begun to think I was improving as I cut only nine men yesterday. I have had only four customers to day and have made 11 cuts. I seem to be going back.

"I thought that I saw a tear stealing down his face. I felt sorry for him. 'Brace up,' I said, 'perhaps in a day or two you will get your aver-

age down to one cut per man.' "Maybe I didn't get out of that chair in a hurry. Dispensed with bay rum and brushed my hair myself. I gave him a quarter of a dollar, and got four nickels in change. Then it dawned on me that I had had my first, and I hope my last, experience in one of those 5-cents-a-clean-towelwith-every-shave places.

"Webb is going over there to see that elect of mine on Monday. I am going to send him to that shop to be shaved.

"I hate Webb."

A STATE OF THE PARTY OF THE PAR "So Bilkins is in the penitentiary, ch?" said the old bachelor, who had just returned from a trip abroad, and had asked concerning the whereabouts of the party aforesaid. "How did it happen?"

"Oh, it's the old story-a woman at the bottom of it," replied the dispenser of information. "He stole a lot of money in order to be able to marry.

"Well, I'm corry for the poor fellow," rejoined the .e. b., "but they did wrong in sending him to the penitentiary. They should have placed him in an asylum for feeble-minded persona."-Chicago Dally News.

A Better Vaderstandias. "De you think you will like me just as well," she asked, "when I tell you my hair is dyed?"

"Yes, dear," answered her elderly lover. "I have known it all the time. Will you think any the less of me when I confess that my hair is a wig?" "Not at all. I knew it was, the first

time I ever saw you." After which the billing and cooling went on with even-greater tenderness then before.-Chicago Tribune.

The Masy-Soing Cour. "Nicholas, you are a complete idiot," a near relating of the coar's was board to exclaim one day after a reception. in the course of which the ezar had assured at least half a dozen men. expressing widely opposed opinions, that he quite agreed with them. "You are perfectly right, my dear. I quite agree with you," the cear replied quietly .-London Mail.

#### PERSONAL AND IMPERSONAL ..

One man makes a fortune to eight that become bankrupt in England. Among civilized mations four per cent. of the men and one per cent. of the women are color-blind. The Chinese are the only people free from color-blindness.

After 40 georg' experience 48 . gambler, Peter E. Delacy, the noted Now York sport, advison everybedy to leave gather of chance alone. He says he can count on the fingers of one hand the men he has known to. make money by gambling.

A flan Francisco rabbi gives a new interpretation of the design of the American fing. To an audience of immigrants, largely Russian, the other day, he said: "Do you know why the Stars and Stripes are in the fig? I will tell you why. They show that America has stars for these who behave themselves, and stripes for those who do apt."

When the gas club of Cartials, Pa. turned out one day recently for a match at they pigeens some of the younger members lanked on with goodnatured ammounted as William Caufmen, 78 years old. Head up to take part. The old gentleman esimly proceeded to shoet all around the others, "killing" 25 out of a pessible 25, and winming the medal.

James R. Keene, the millionaire turiman declares that in his opinion there is too much gambling and too little sestiment in connection with Amer-Sean horse racing. "In heavy speculation on horses," says Mr. Keene, "there is a menace to the best interests of the turf. Race courses should be places of recreation, not costling caldrens of money-mad gamblers. Horse racing should be a sport, not a business."

There are two John Smiths in the little town of Prella, Kan., one very stout and the other very thin, and they were good friends until one day last week, when the thin John gave the thick John a severe threshing. The neighborn were much astoniahed at the row, but laughed wiles they learned the reason. A green goods letter came to town addressed to John Smith. It was delivered by chance to stout John. who read it and, seeing a chance for a joke on his namesake, marked # "Opened by mistake," and put it in thin John's mail box. The latter recented the implication and lost no time in hunting up the joher. Then the trou-

#### THEFTS OF POST CARDS.

One Man's Experience with the Halls in Menico and in This Country.

There are some countries in which you expect the mails to be as safe as a bank," said a man who has traveled a good deal, according to the New

York fun, "and one of these countries is the United States. "In nearly every country now are to be found some very pretty post cards. I was in Mexico a short time ago and bought a lot of them there. As I'v addressing them in the City of Mexico

one day a friend said: " You are not going to send them through the mail?

"I said that I was. The total the total "They won't arrive,' he said.

Why?' I asked. "They'll be stolen in transft, was his answer.

"I thought be much be mistaken, but he wash't. I put the requisite stempon each card, wrote nothing but the address on one side, and a few lines on the other. Not one of those cards arrived at its destination.

"I may have thought harehly of the manner in which the postal regulations of Mexico were disobeyed, but I thanked circumstances that I was a citizen of a country in which such petty peculation could not occur. I have had reason to change my mind.

"Within a fortnight I sent some handsome postal cards to friends in this city; in New York Hoolf. Every regulation was obeyed to the letter by me. Not one of the cards reached its desthation. They were stolen in transit.

"Hereafter I will distribute my growle against dishonest postal offi-States and Mexico, and I'm not so groud of all the institutions of this country as I was."

Kitty had been told that the thunder was the voice of "the good man up in the sky," warning her to run into the house to avoid the rain, and on one or two occasions she had

failed to heed the warning, and ouffered unpleasant consequences. the was playing out of doors the other morning when there came a elap of distant thunder. the dropped everything and soudded into the house, but the rule failed to come. After waiting till she became impatient she went to the door, looked

up at the clouds, and called out: "If you're going to rain why don't you do it? I've been in here ten minutes!"-Chicago Tribune.

Bottor Than Medicine. "Doctor, do you remember three months ago that you predicted post-tively that I would be a dead man in six weeks?"

"Why, yes, I—" "Well, I've got a friend in the next room who is despondent a bout himself. Just tell him there is no hope for him. will you?"-N. Y. Mereld.

How They Affected Blum. "Yes, my poor husband suffers so much with dyspossis," says the first woman.

"What caused \$5?" asks the second. "He always press the paper in front of him at breakfast, and I think he got the dyspensia from reading so many of the health-food advertisements."-

#### A LITTLE HOMSENSE.

Beryl-He declares he will go eracy if I don't marry him." Blbyl-"Ah! Then there's no hope either way." Baltimore Berald.

... "The trouble with me," said a parrot that was taken on tour, and had its tail feathers pulled, "is that I talk too much."-Town Topies.

"What makes the lady pull such a had lose when she sings, ma?" "Hush, Willia," "Does it hurt her worst than it does us?"-London Tit-Bits. First Cloud-"Why do you look so sorrowful?" Second Cloud-"I was

just reflecting on the sad fact that

when I'm gone I'll not be mint."-Town and Country. An Havestropper.—"Here's some-thing about a fellow who was killed eavesdropping." Nye-"Eavesdropping?" Hook-"Yes; he fell from a roof."--Philadelphia Record.

One of Woman's John .- "It is a road thing for man that women is not a logical being." "What now?" "If she were he could never get her to tackle the job of keeping up appearances and keeping down expenses."-- Indianas-

alis News. "I believe," said Miss Oldum, sharply, "that there should be a law against bachelors." "Nonsense!" exclaimed Pepprey, "why, the only hope of some women are the backelors, for the widowere are too marticular."-Philadelphia Press.

"I understand that you serve good, substantial dishes here," said the stranger to the waiter. "Dat's what we does, boss." replied the colored genfleman. "I th'owed a plate at dat fool nigger in de cohner de odder night and never even chipped R!"-Cincinnati Commercial Tribune.

### THE LEG AS AN ORGAN.

Scientific Explanation of the Tre of the Fernieg as an Andltory

Writing upon the subject of Torelers and Their Uses." E. A. Butler observes, in Knowledge, that "the common lobster furnishes one of the best possible illustrations of a surious principle that finds expression in the organization of animals whose bodies. like its own, are composed of a suc cession of segments with jointed apede*ges, or* is other words, ealms belonging to the great sub-kingdom of arthropods. The principle in questian is that the paired appendages of the different segments. though all constructed upon the same plan, may become so modified in form as to be adapted to the discharge of the most diverse function

"One of the strangest and most unexpected of the uses to which we could imagine a leg as being put in that of an organ of hearing. Yet such seems to be one at least of the functions of the foreiers in the cricket and some other allied insects. On the outer side of the tibia a small oval space may be seen in which the strong armature which covers the and membraneous condition, making thus a sort of window or drumhead. Communicating with this, inside the leg, are the ends of a nerve, and it can hardly be doubted, therefore, that the whole apparatus constitutes an auditory organ, so that if these logs were amputated, the insect would become deaf.

When one remembers that crickets are among the noisiest of insects, their increasest chirrup being a most shrill and penetrating sould, it cannot be considered arrange that distinet organs of hearing should also be present; the sound-producer implies the sound-perceiver; the two functions are complementary; but still it is remarkable that the foreleg mould have been selected as the most suitable site for this important

n Bow Basteria Fly. tilt & an extremely difficult matter to get sway from bacteria if any are in your neighborhood. If you want to avoid danger from the disease giving growth the only safety is in keeping aystem in as healthy condition as chible, so that they cannot obtain a dangerous lodgement. Though these always ready to mount any vehicle that is going your way. The wings of the wind serve their purpose excellently well, as Prof. E. S. McWeeney, of Dub. lin, recently demonstrated. He selected miero-organisms not normally presout in the Dublin air and scattered them with a spray over a refuse hoap. He then placed culture dishes to windward, 800 feet away, and some of them 60 feet in the air. After three hours he found that becteria had been carried to every one of the dishes.-N. Y. Marald.

Thoughtful, "Here you had any more dwns?" inquired the sultan of Turkey. "A few," asswered the court official.

"Wall, let me have them." "I hope your majesty is not going to allow yourself to be personally worried by the importunate---" "Not at all. The pearl of the harem wants them. She is making an auto-

graph collection."-Washington Star. He Bed Confidence. The maiden was more than ordinari-

ly wise and cautious. But are you sure you can support a wife?" she asked when he proposed. "Oh, well," he answered in an offhand way, "I don't imagine your father would be mean and stingy enough to stand by and see his daughter suffer." -Chicago Post.

Re Had Learned. Judge-Bave you ar ything to say for

yourself? Prisoner-No. sir: I'm a married man.-Detroit Free Press.

## AT 110 MILES AN BOOK

Record for Speed on the Minkways of Steel Recently Broken Henry Bertin, Cormany.

One frequently reads about trains going at the rate of 100 miles as hour, but few persons have ever ridden all the rate of ever 16 or 10 miles. On 4 little reilroad extending from the qubusbe of Berlin to the town of Lossen, says Harper's Weekly, an electric one has been traveling as fact as 110 miles an hour, breaking the focord for speed. on the highways of steel. It is what we't east a trolley car, but the trolley altetem is installed on a very sidebruter scale, and the metive power willish operates the car is simply enormous.

The railroad in question is only about 16 miles in length, and was built by the Prussian government for military purposes. Several months ago it was turned over to an association of electrical engineers and other experts for the purpose of ascertaining what speed could be developed by the electric current. At the works of the Biemens & Halake company, of Berlin, a car was constructed appellally for the purpose, and when completed with the necessary machinery, weighed nearly, 100 tone. The hedy of the car is similar to many of those in use on rails roads in this country, with a vestibule at each end, and the roof and sides tapering in order to offer as little resistance to the sir, when going along at a high rate of spending possible.

The car is divided into three compartments, with seats extending transversely, while the motorman is sep-arated from the passengers by a glass partition. What ungineers call the three phase system of electricity to utilised for running the car and the two trailers which it has been houling during the experiments.

Instead of the current being con-

veyed by one or two wires to the motor. it passes over a series of four, three of which are carried along the aids of the railroad upon posts. These are known as high tension, and are capeble of supporting a current of no less than 12,000 volts, owing to the system. of conduction and inculation. The current passes through the trolley bar, which is a very eleborate affair, and thence through transformers to the

The motors are bolted upon the axies of the trucks beneath the ear, each meter being large enough to run an ordinary factory, as it can generate fully 250 horse power under ordinary conditions. Although these penderous nieces of machinery weigh no less than four and ene-half tone each, they more at the rate of 900 revolutions a minute when a car is at full speed. It would be impossible to start and

stop the car with the controller which the motorman uses on the ordinary trolley system, so special apparatus had to be provided for this purpose. The electric switches and transformers are moved by compressed air, which really does the daty of the motorman.

As already stated, the railroad is being operated as an experiment to determine how rapidly an electric car can be moved. When the tests began in September last, the first run was made at the rate of 37 miles an hour, but with so little difficulty that the same day the speed was increased to 60 miles. Since then frequent records have been made, ranging from 75 to 100 miles an hour, while on several occasions the trip between the terminal stations has been made in eight and one-half minutes, a rate of 110 miles an hour.

# HELP CLUB OF BERLIN WOMEN

An Organization of Business Nature That le of Great Advantage to Ita Members.

In Berlin one of the most helpful organizations for Europeans may be found in "Hilfsverein," which is 15 years old and has some 15,000 members. The members are women from every branch of mercantile and industrial employment; the few hundred life members and associates are women of property, who pay a yearly fee of whatever size they originally chose, reports the Jewish Messenger. The association aims to better the chances of the mombers by technical distantion, to open the way to steady employment, to provide for them when ill or in teme porary need, to stand between them ha all cases calling for legal redress, to add to their opportunities for wholesome pleasure and comfort. It maintains an employment burean, a whole system of information and assistance for vacations in the country, an office of legal advice, a very complete system. of medical and surgical oversight, a branch for emergency cases and pension during lack of work, a series of lectures, entertainments and instructive courses, special performances at the theater, a loan bank, etc., and has a surplus in the bank at the end of the

# 044 Citts to a Boone.

Among the gifts to a big bazar at Colchester, England, recently were such things as a truck of soal, a load of hay, two donkeys, a plow, 15 lambs, six sheep, 20 pigs, live chickens, ducke and geese, a 30-guinea Ralli car, haif a ton of oil cake, farm implements and oysters, to be delivered from the beds of "roal natives," when the latter came In season at the end of the month .-N. Y. Post.

#### Frozen Milk in Labrador, Cows are scarce in Labrador, be-

cause it is difficult to keep them in the extremely cold weather. The natives procure their milk for the winter and then kill their cows. The milk is kept in barrels, where it freezes and never turns sour throughout the entire sea- . son. When one wishes to tree any milk he has simply to go to the barrel and cut out a slice.-N. Y. Sun.

Pdition hebdemads!- \$3.00.