- PEDAGOGUES.

us of making steel tubes ens to revolutionize the manufacture of gun barrels, at least from the smallest rifles to the rapid-firing cannon of two or three inches bore used on warships. By this process a solid bar, or ingot of steel, is passed through a set of rolls, and comes out a tube with a swist fiber.

To fully understand the bearing of this new process it is necessary to know how gun barrels are ordinarily made. The rifle barrel is simply a bar of steel rolled out to the right size by passing It through grooved rolls. The bar is forced into the groove and compressed and drawn out, the grooves being of less diameter than the ingot that is fed in. This process makes a fiber, but the fiber runs lengthwise of the bar, and is, therefore, less able to resist a of his pupil, found on one occasion a sursting strain from within than if the fiber ran around the barrel. But the strength of the steel bar is great enough to resist the strain of a rifle cartridge, and most rifle barrels are

made by this process. In shotguns heavier charges of powder are used, and on account of the size of the bore and the limit that must be put on the weight of the two barrels of which shot-guns are made, thinner metal is required in the barrels, and therefore a tougher metal should be used. A good many shotgun barrels are made of plain rolled steel, but they are not trustworthy. To make a stronger barrel, the gun-maker piles up two ingots of the best ouddled from and two of the best stool, ernating the iron and the steel. These he rolls out into rods of a rectangular section of perhaps threesighths of an inch, and then twists them into a spiral rod. Then several of these spiral rods are again rolled into one rectangular. The last rod made is wound in a spiral around a mandril, and its edges welded together so that it forms a tube with a bore of the size of the mandril. The mandril is then driven out, the tube bored out and turned down and straightened. It is then ready to be fitted to another, and the breech mechanism attached so as to make a complete set of gun barrels. Another method is to cast the barrels of steel under immense pressure. A cheaper twist grain barrel is made of iron only. The old-fashioned stubb and twist English barrel was made of old horseshoe nails. A still cheaper twist barrel is

one. This is then bored out. Each of these processes, except the one producing the plain barrel with a longitudinal fiber and the last one me red, require a deal of hand labor. The last-mentioned process makes a

made by inserting one end of a square

rod of steel in an immovable block and

the other end in the end of a shaft.

which, when turned by steam power,

will twist the square rod into a spiral

But the new process not only makes a good fiber, but it makes one much superior to the fiber found even in the welded barrels, while the work is all done by machine.

Three rolls of a canoidal shape are so placed that a rod or ingot may be end of each roll being larger than the other, it follows that the surface of the big end of a roll travels faster than the surface at the small end. When, therefore, a bar of steel in a plastic state is fed in at the smaller ends of the rolls, it is not only whirled around, but the forward end is whirled with increasing speed. The forward end is drawn with increasing speed as well as twisted around. The surfaces of the canoidal rolls being parallel with each other, there is no decrease in the circumference of the bar, and so it happens that the metal needed for the increasing length of bar is drawn from the axis. It is as if a bar of plastic metal were whirled on its axis until the centrifugal force caused it to expand into a larger bar with hole for an axis.

In active practice a mandril is driven into the opening tube as the bar is whirled into the shape of a tube. The mandril is used not to make the hole, but to perfect it. The tube thus formed is not only the best, but it is just about as cheap as any for gun barrels.

The process has been partly understood for some time, but iron masters of experience doubted its practical development, so that it was not adopted in practice by any one until within a few months. The result of the new process is sure to be the lowering of the cost, and probably the price, of first-class guns, as well as those of other grades.-N. Y. Sun.

Where to Find Alligators.

The best place to find alligators is in brackish water, half fresh and half salt. They seem to thrive in such element better than in either purely fresh or purely salt water and are unusually prolific there. Men who hunt them take a small boat on a dark night and move quietly along their haunts. With a lantern they "shine their eyes" as a hunter does a wild animal, and when within a few feet of them fire a ball into the eye, and then with a sharp hook fastened to a long pole catch him. If only partially killed the fun then be-The water is lashed into a foam and the boat dragged along sometimes a mile. Often a second shot is necessary to dispatch a big one.

-Leopld, King of the Belgians, has never signed a death warrant, and, although the statute has never been repealed, capital punishment is practically abolished in Belgium.

Guide boards have been growing him that his recommendation was not us .- Quiver. numerous in the country towns of New | of the right kind. England for a les years past. In some orkons # Maces thusetts at every corser are set solid granite posts ten feet high, to which are bolted iron signboards with raised letters.

-A German pastor, desirous of traveling from Constantinople to Bonlin through Russia, was not permitted to do so. A recent decree of Emperor Alexander III. forbids the journeying through Russia of any ecclesiastic other than of the Russo-Greek Church. -Prince Bismarck recently gave a fete to his servants and tenants at Friederichsrube to celebrate the dispatch to Berly of 5,000 telegraph poles

plied Germany with 100,000 telegraph poles during the last ten yeurs. -It is alleged that recently in Nagpore, India. a boy of sixteen was offered a sacrifice to the gods, in accordance with a superstition that human

rifors onnerd a houndiful harved

cut in his forests. Bismarck has sup-

They Are Ashamed of Them All of us have our experiences of the vincible contempt in which we are held by our stolld mentors, who accept our presents with the air of a chief levying tribute from his retainers. Amusing indeed are the ways in which the frowsy old pedagogues betray their feelings, and childishly ingenious the devices to which they have recourse in order to preserve their assumption of their superiority before their countrymen while disguising it before the foreigner. Chinese etiquette helps them,

and trust to the foreigner not being cute enough to follow its ramifications But sometimes even the ceremonial forms are a snare to them. One who was in the habit of being reverentially bowed out of the house after each day's lesson, and stopped at the threshold to return the obeisances audden necessity for adjusting his dress, and in doing so omitted the customary formality. Struck by the singularity of the proceeding, the foreigner had the

curiosity to follow the teacher into the

street, and there saw passing a Chinese

Ting-ch'ai, in whose presence the old teacher would not demean himself by

or they can put it on and off at pleasure

doing reverence to the foreigner. Another kindly disposed scholar in-duced his teacher to dine and accompany him to a theater. Unpleasant as It is to sit mear to a well-nourished Chinese during the time while his thoracie air passages are charged with explosiveness, it must be allowed that the courtesy of the Western papil was commendable. But the guest felt fidgety, notwithstanding the sedative effect He could not, in fact, endure being the streets your well-bred Chinese walk, like the Levite, on the other side when they see their foreign ac-

SENSE OF HUMOR.

It Is Well Developed Among the Natives of Yorkshire. Yorkshire, and that was a sense of really a good dinner, we found that we needed a surgical operation to get a eggs and milk, and bread and butter joke into a Scotchman's head—an to any amount. The meat we had was tish Life and Character" can possibly lage in the morning, and carried with agree, and there is something akin in us till we came to a suitable place for the grim Caledonian and West Riding dinner. We had dinner in the open humor. I was preaching one of a air always. Then for tea we had just course of sermons in the open air in a to call and get a kettle of water and polite attention of the landlord of a (twenty-five cents.) small public house close by, who had placed a chair and table at my disposal Mrs. Acton continued. "We were for a temporary pulpit. So I remarked recommended all sorts of hygienic on it to one of my hearers. "Why, soles, and every thing, and we tried you see," said he, "he reckons on everything, and we had to give them some of 'em dropping in for a glass all up. We gave up boots altogether and when you've done." A curate was took to sand shoes - canvas shoes with trying to make a religious census of his India rubber soles. Those allow the feet flock, and asked a working man what to go any how they like; there is no religion he was. "Why, you may put pressure and we found them admirable. me down as the religion of a wheel- We never got blisters or sore feet or barrow; I go whichever way they any thing. We used to soap our toes last about to commence. Chinese wheel bim rope enough. We just dropped a panies and corporations. The annu: shove me," i. c., whichever way suited and heels and the inside of our stockgrin on his face, boasted of his regular good thing. Then as to washing, we attendance at church; his comrades could not possibly stop to have every burst out laughing-the fellow had just thing washed at the inns and places, left prison, where attendance at public so the way we managed our washing worship was, of course, compulsory. was to have one thing washed every But Yorkshiremen men are civil after night. We found we could always get a fashion. One day I paid a visit to a one thing washed and quickly got up, hand-loom weaver busy throwing his and so we had clean things without the shuttle, while his loom creaked and trouble of carrying any with us. We

penny in five minutes. "No;" he said, did very well without. In the first penny. "Now," I said, "let us talk mackintoshes and hats that the rain for five minutes." The man stopped would not have up," he said at the end of the time, the rain and the sun, our dress got into such a state we were quite ashamed of has been worth more than the 'brass' (money.) You may look in again if you've amind."—Temple Bar.

GRAFTS ON WOUNDS

An Operation Frequently Performed by

Skillful Surgeons. Academie de Medicine of Paris some deal of gray, cold weather that people observations regarding animal grafts on complained of, we found it splendid wounds in human beings. In case of weather for walking."-Cor Philadelsevere burn of the scalp, of eight phia Press. months' standing, in a child of two years of age, he obtained a rapid cicatrization by means of grafts from a fowl. He first tried grafts of frogs' skin, but as these proved to be repulsive to patients, and did not give very good results, he substituted others along the hall in his stocking feet? from the fowl; and the wound, which months. He had been equally successful in other and subsequent cases. He pieces varied from a sixth to a third of an inch in size, and they were mainskin of birds and fowls has the advantage of being supple, delicate, and vascular; it adapts itself readily to the

cal Record. -A Washington Territory young man applied for the teachership of the eral rattles, and was a dangerous-Port Blakeley school. He sent his application and a supposed letter of recommendation in the same envelope By mistake, however, he inclosed a the gooseberry. This is the commonletter from a young lady, containing place expression of false friends, who, charges and threats very damaging to the would-be pedagogue's reputation. The school trustees wrote and told

-An Alabama lawver closed an argument the other day thus: "If your Honor please, and gentioman of the jury. I do not destre to militate against the majesty of the law, nor to saving bread crumbs for bread pud contravene the avoirdupois of the evi- dings which frequently prove to be dence. If you strip this thing of its nothing more than flavored and sweetmultitudinous wrappings, break the cement and let the cohesion take place, you will find out there is nothing in this case but an inroad by way of an But, if you must cross them, do so as invasion into Dr. Watson's apothecary

shop.

-The woody, melon-shapes fruit of the sand-box tree of the West Indies is made into a neat box by sawing off the top and scooping out the seeds, and is used in Barbadoes for holding sand. When, however, the fruit is allowed to ripen on the tree. it bursts explosively, scattering the seeds over the ground. As experimenting naturalist recently sought to preserve a specimen of the fruit by drying care-

LONG WALKING TRIP.

Mrs. Adam Acton, an English Ind; who has one residence in St. John's Wood, London, and another in Ormidale. Arran, is the heroine of the intest remarkable pedestrian feat-a walk of five hundred miles in England and Scotland, beginning in London and ending in Glasgow, and parformed, not alone, but in the company of her whole family of six children, the eldest of whom is twelve years and the youngest twelve months. The latter, it need hardly be said, did not walk the whole distance, being whealed, in fact, toremarked: "You must bear in mind thing of it from the window of a rail-

way car. "Our party consisted of six children, the youngest in our famous baby coach, which has been, oh, thousands of miles on the Continent and in England and Scotland, and my husband and myself and two maids-ten in all. When we started from St. John's Wood we each took a small black bag in our hands; but we soon had to give these up. has died of an epidemic malady does instead of our owing him. In the next Afterward we had absolutely nothing but a night-gown and a mackintosh each. There was one brush and one comb for myself and all the children. of pork and beans, and soon found an We really couldn't carry more than excuse for leaving his foreign friend. the least possible quantity of luggage, you know. Tea-my husband is so publicly seen in the company of a fond of a cup of ten—so we carried foreigner. Needless to say that in our tea all the way from London; and we had a kettle, too; one of those flat ones to boil over a spirit lemp, and the spir't lamp itself. And, of course the quaintances approaching. - Chinese baby, being a young baby and fed on the bottle, obliged us to carry a tin can of milk. We had very light fare. As soon as we got into the North of England we always had porridge for Dr. Hook possessed a gift without breakfast. We never had much meat; which he could never have got on in on the only two occasions when we had humor. Sydney Smith said that it could not walk afterward. We had opinion in which no one who has read almost entirely tinned meat, which we Dean Ramsay's "Reminiscences of Scot- bought with bread in the town or vilnon-church-going part of a town parish, the use of tea things, which they were when I was pleasantly struck by the always glad to supply us for a shilling

grouned so that I could not get a word carried no umbrellas. But though the in. So I asked him if he earned a weather was very bad in England we "how should I?" So I laid down a part of the time we walked in our looked at the clock-"Five minutes is muddy, and, what with the mud and ourselves. And on Saturday nights we had to stop somewhere and buy flowers or some little frilling or something to brighten up our hats to go to church on the next morning. But we never had colds, in spite of having no um-Dr. Redard has communicated to the brellas, and, though we had a great

George Was Not Afraid.

Young lady (badly frightened)-O. George, here comes pa George (ditto)-Where? Where? Young lady-Hear him stepping George (greatly relieved)-Be calm, measured three inches by two and a darling, be calm. George is not afraid half, had completely healed in two of stocking feet. - Washington Critic.

-A fight between a rattlesnake and a coach-whip, near Moultrie, Fla., is takes the skin from beneath the wing thus described: The rattlesnake of a chicken, carefully securing the watched his antagonist, but could not adjacent cellular tissue, but avoiding obtain an opportunity to strike. adipose tissue. The transplanted Thinking that the coach-whip did not mean business, the rattler then leisurely uncoiled himself and started to go, tained in position by means of a little when, quick as lightning, the whip cotton-wool and iodoform gauze. The started for him, seizing him back of the neck, and wrapped himself tightly around his body. In ten minutes the coach-whip leisurely uncoiled himself surface of the wound, and adheres without undergoing absorption. - Medi- and glided away into the underbrush, leaving the latter a mass of jelly, quite dead. The rattlesnake had sevlooking monster.

-"1 love you for yourself alone," as the blackbird said when he swallowed while they make the utmost use of us even to abuse, profess the most unbounded admiration of, and regard for

-True economy consists in a proper adjustment of time, strength and money. It does not consist solely in saving money; it may consist in spending it. It does not always consist ir ened poultices.

-Sometimes it is a positive injury to another to respect his prejudices gently as possible. He who has learned how to combine gentleness and firmness has mastered one of the greatest lessons of life. He has learned how to govern and to read .- Morning Star.

-The greatest efforts of a commu nity should be directed, not to relieve indigence, but to dry up its sources, to supply moral wants, to spread purer principles and habits, to remove the temptations to intemperance and sloth, to snatch the child, from moral perdito make the manequal to

CHINESE ECONOMY,

de Who Can Do Almost Any Thing by

number of wants, in preventing waste, or in adjusting forces in

such a manner as to make a little

plied at less than a pointy a day for head to the postmaster. We now work nch adult, and even in famine times | 108 copies which are paid for in adthousands of persons have been kept vance. This is an increase of 94 per alive for months on shout a halfpenny gother with his feeding bottle and aday e.ch. This implies the existence appurtenances thereto belonging. In a of a high degree of cultuary skill in the in the world can equal it. We don't baby carriage. Mrs. Acton, in the Chinese Taeir modes of preparing food claim that the Kicker makes Kings and course of conversation with a Scotch are thorough and various. There is no reporter on the experience of her trip, waste; every thing is made to do as that we had no idea when we started of is the veriest trifle! The physical condoing any thing won-terful in walking.

dition of the Chinese dog or cat, who made life worth the living for a good has to live on the leavings of the many people out this way who were from our house here is Arran; and as family, shows this; they are clearly we went down by rail no less than kept on starvation allowances. The nine times last year, we thought we Chinese are not extremely fastidious new subscriber who comes has faith would walk this year and see the coun- in regard to food; all is fish that comes try, for, of course, you never see any to their net, and most things come there sooner or later. In the north the horse, the mule, the donkey ly criticised because we refused to atare in universal use, and in some districts the camel also does who died on the street of too much duty. It must be understood that whisky one night last week. It is the practice is to eat all of these claimed that Old Pete was our creditor or disease. This is done as a matter planted. In the first place Old Peter of course, and the fact that the animal owed us two dollars borrowed money not alter its ultimate destination. Cortain disturbances of the human organi- about four feet square at the end oppogation, due to eating diseased meat, are well recognized among the people; but it is considered better to eat the meat, the cheapness of which is certain, and run the risk of the consethan to buy dear meat even with the the meat of animals which have died of ordinary allments is rather dearer than that of those which have died in an epidemic such as pleuro-pneumonia. Another example of careful, calculating economy is the construction of the cooking pots and bollers, the bottoms of which are as thin as possible that the contents may boll all the sooner, winter a vast army of fuel gatherers a lion or run like a jack-rabbit. spread over the land. Boys asend trees and beat them with his window, could not be made intel- year-strictly in advance. ligible to the Chinese. To them the average foreigners are mere sonn-wasters. Scarcely any tool can cheaper to buy the parts and put them together for yourself, and as almost every body takes this view ready-made tools are not to be got. Two rooms are dimly lighted with a single lamp deftly placed in a hole in the dividing wall. Chinese, in fact, seem to be capable of doing almost any thing by means of almost nothing. They will give you an iron foundry on a minute cale of completeness in a back yard and will make in an hour a cooking range, of strong and perfect draft, out of a pile of mud bricks, lasting judefinitely, operating perfectly, and costing nothing. The old woman who in her ast moments hobbled as near as possible to the family graveyard in order to die so as to avoid the expense of coffin bearers for so long a distance, was a characteristic Chinese. - North China Herald.

The Pool of Bethesda.

The pool of Bethesda has been satisfactorily identified at Jerusalem, according to the chairman of the Palestine exploration fund. All early au thorities agree in representing this pool as being mar the Church of St. Anne, but nothing was known of the pool in later years till some Algerian monks recently unearthed a large tank in the rock under the church, reached by a flight of twenty-four steps. However, the pool being invariably described as having five perches, this tank did not saite correspond to the Bethesda pool until now, when He-Conrad Schick has found a twin pool side by side with the first discovery. These sister pools, therefore, could easily have had a porch on each of the four sides, with a fifth on the wall separating the tanks, and this link is onsidered to complete the identification! Among other traditions, the old writers describe this Piscina Probatica as the birthplace of the Virgin Mary. -Boston Home Journal.

- Cremation is illegal in France, id bodies have to be taken to taly to be burned. M. Morin, dyng recently in Paris, left instrucons that his body should be sent to lilan to be burned. This was done, nd the cost of the incineration was but fteen shillings. The Italian Custom louse, however, levied seventy dolars import duty on the body when it ame into the country, and the same mount export duty when the ashes vere taken back to France.

- The other day a Boston man received a letter on the envelope of which were the words, "Blood" Thinking that it contained a threat to till him, he gave 't unopened to the poice. When they spened it, they found t was a harmless appeal from a Salvaion Army crank.

-A Sylvania (Ga.) boy dug up some rtichokes to pick, and among them was a cooter or trapin egg, which he iropped the all prine along with the rtichokes. Paus afterward he ook out ahr dof roots and dropped. me on the

There are newsre blowing about in we do, and there I more subscribers

opresent a great deal. The unt. is a single wes the Kicker gets No begun on a here just the versal dist consists of rice, beaus, pdf-let, gardon vegetable and fish, with a little meat on high festivals. Wholeome food in abundance may be sup- pocket, and the other west as a deadcent, in seven months, and we've got a Emperors tremble on their thrones, or that it has bettered the moral standing of the American masses a thousand ready to hang themselves when our first number was issued, and that every

OUR EXCUSE.-We have been severeanimals as soon as they expire, whether in the sum of twolve dollars, and that the cause of death be accident, old age, it was shabby in us not to see him our Sunday pantaloons needed a patch site the bow, and we did not care t subject ourselves to ridicule for the sake of showing off. We can keep our back behind us in our own office until better times arrive, and that's what we Captain Jack doesn't like to work, and quences, which are not quite certain, are trying to do. We have sent to San as they have been put through prett Francisco for a patch the color of our steady since the rush, he and his com assurance of no evil results. Indeed pantaloons, and when it arrives and is welded on to the spot, Richard will be ary pursuits. It was about as near th himself again, and rearly to rustle at warpath as they could get in their funerals or address a public meeting on the topics of the day.

times during the past month we have letter which one of them dictated t surprised ourself and the public by him last Sonday, and which was sent to mopping the floor with assailants, his sister in Arizona: 'To Cla Tuite for fuel is scarce and dear, and consists while on two occasions we have igno- tosch, care of Alsiecer, U. S. scout M generally of nothing but the stocks miniously took to flight. We state it to Columbus no kille all time worke and roots of the crops, which make a as a physiological fact that there are good, damned hard. Me by and by rapid blaze and disappear. The busi- times when we had as lief fight a dozen es of gathering fuel is committed to men, and other times when we'd run children, for one who can do nothing from a good-sized boy. Parties plan- zona come back," else can at least pick up straws and ning to lick us must be prepared to that he wants his sister to answer h leaves and weeds. In autuma and take their chances. We may fight like letter. - Ohio State Journal. THE COLONEL HAS GONE. - Tony soclubs to shake off the leaves; the very ciety pretended to be all upset last straws get no time to show which way week because Colonel DeClaire was the wind blows before they are annexed arrested for a horse thief and taken to

MUST TAKE THEIR CHANCES. -Three

by some enterprising collector. Simi- Nebraska to stand trial. It was only a larly professional manure collectors protense. We have known for months swarm over all the roads of the country. past that the Colonel was a beat and Chinese women carry this minute econ-omy into their dress; nothing comes known it. He sent us an order for a amiss to them; if it is not used in one new hat as soon as he arrived here, place it is in another where it appears and thus put us under obligations no thing of beauty. Foreign residents to give him away. The hat grew old who give their cast-off clothes away to and rusty after a time, and as the Chinese may be assured that the career | Colonel didn't come in with a cash of usefulness of these garments is at subscription we felt that we had given barrows squeak for the want of a few hint to the sheriff of Henry County. nerves the squeak is cheaper than the irons on. We are alone every evening oil. Similarly, dirt is cheaper than hot | after six. We can't be bribed, but there water, and so, as a rule, the people de are parties in this town who had best not wash; the motto "Cheaper than come in and subscribe for copies to dirt," which the soap-dealer puts in send to friends. Our terms are \$2 per J. M. P. Brayton, Esq., who owns that be got ready made; it is so much beautiful rasch commonly known as Jackass Dell. He entered our office

"Not on Htm-There are no flies on the other day and left a peck of potatoes of his own raising. His wife is West, his daughter the finest singer and musician, and the gentlemen himself ought to be President of the United States. It is to such go-ahead, enterprising men as Mr. Brayton that Arizona is indebted for her prosperity. We call attention to the two-column ad, which we have inserted free, of the fact that Jackass Dell is for sale at \$10 an acre. It's worth five times that. It is not for us to suggest that other farmers bring us in potatoes, butter. carrots or apples. Such as do will find us ready and willing to give them from one-half a column to three columns of notice in return, and in our most cheerful vein."-Detroit Free Press.

He Had Had Experience.

Applicant-Twenty-five dollars week seems a small salary for the hard work of a reporter, sir.

Editor-Perhaps it does, but the field is overcrowded. We refuse applications almost every day. I think you said you had had experience as a newspaper man?

Applicant (with dignity) -I was principal of a school of journalism for

Editor (coldly)-Yes, sir. We pay \$15 a week to beginners .- Chicago Tribune.

-Cultured Dame-"Just like a man! You grab a paper as soon as it arrives, Binghamton Republican. keep it all to yourself, and then blame me for not being informed on matters of public interest." Husband-"Well, my dear. I'll read the paper aloud if you wish. Let me see-'Another Ocean Horror,' " "O, don't read that." "The Progress of the Campaign." "I don't care for politics." "Issues of the Hour." "Never mind that." Science Solves a Problem.' " "I hate science." "'Mrs. Tiptap's Party Description of the Dresses,"" read that."-Philadelphia Record.

-Chestnut gathering is a delightful occupation, and some people obtain so many chestnuts that the matter of their preservation is a serious question. To ceep chestnuts from four to six months, mix each bushel with a pint of learned-is to know when to speak. salt, shake thoroughly and keep in a and especially when to keep still. dry place, where the temperature is from 40 to 50 degrees.

-Tamarınd whey is much relished by chronic invalids who have grown tired of the stereotyped beverages Boil a pint of new milk, and, as it boils, stir in two tablespoonfuls of tamarinds; Blood! Blood!" in big red letters, after it breaks (by that is meant curds and whey separating), strain and add rock candy enough to sweeten slightly. This is a laxative drink and should be avoided in certain conditions.

> -Buckwheat Short Caice. - One and a half cups of sweet milk, two teaspoonfuls of baking powder (scant), one teaspoonful salt, buckwheat flour enough to make a batter. little thicker than for griddle cakes. Bake the samers Johnny cake, eat with batter or graa are delicious a

thary, over the oth Is supreme. They look a communide and whatever he says the authority of the guards notwith-standing. Captain Jack recognizes Warden Coffin only, and he invariably speaks of him as the "Big Chief." He of the systems of marrihas assumed the authority over the In-diana by calling himself Indian chief. peoples of the world, so as to and in talking with him he conveys the clover in the use of this assumed aumore weight than any thing else, and as a result there is sometimes a conwas a sort of a suppressed rebellion among the Indians. It will be rememthat we will make a better man of him. bered that they have organized in a class to learn English. They all did remarkably well, and those who could scarcely speak a word of English have now a vocabuary of several hundred words. A prisoner named Syrski, who is an educated Russian, taught them. because he had taught in an India. school on the frontier. The boycot which his pupils have lately institutes

> gave the following reason: "Big Chief say to Captain Jack, Indian chief, that Captain Jack work hard work all the time, no school. If Big Chief say no work, then school all time. panions have discontinued their liter present state.

against him is not only ludierous but i

'dr. Syrski could fill a good sized vol ume with their sayings and incidents of their prison life. The following is pretty quick soon come back to you Me want another one paper from At

BIG NATIONAL DEBTS. France Leads the List and Hungary Bring

Up the Bear. If a national debt is a national bles ing. France is the most blessed countr on earth. The last computation of the French debt places it at \$5,902,800,00 to which must be added \$432,000,000 life annuities which will expire with th lives of their owners. The funded deis composed of \$2,000,000,000 of pe petual 3 per cents., \$1,357,600,000 perpetual 41-2 per cents; and \$967. 906, 200 of redeemable bonds. The float ing debt is about \$200,000,000, and th balance is made up of annuities to com-

charge for interest, annuiti ing fund is \$258,167,083. Of the other European nations th debt of Russia is the greatest, amount ing to \$3,605,600,000. But Russia has population of 80,000,000, while Franchas but little more than 30,009,000. Th per capita debt of Russia is less the \$50, while that of France is nearly \$200 The English debt is next in grosamount, being \$3,565,800,000. Ital owes \$2,226,600,000; Austria, \$1.857. 600,000; Spain, \$1,208,400,000; Prussi: \$962,800,000, and Hungary, \$635,600. 000. None of these countries excepone of the handsomest women in the England and Prussia have a permanen revenue sufficiently large to guarante interest and sinking fund charges from year to year, and the financial policy of each is made up of make-shift expedi

enta that usually fail to prevent th rapid increase of government indebted ness. This is especially the case with with marvelous rapidity during the laquarter of a century .- Philadelphi

A Lover's Desperate Act.

"Is there no hope?" he exclaimed passionately. "Think a moment, my darling, ere you doem me to everlast ing despair. "I can not be your wife, Mr. Brown.

she replied, firmly. "Then be the consequences upor your false head!" he cried. "Ah, you do not know the effect of your crue words upon a desperate man. Once fo all, is your decision irrevocable?"

"I repeat that I can not marry you Let us end this painful scene, Mr Brown," she replied, turning her pale agonized face full upon him.

"May Heaven forgive you," h moaned, brokenly. "Look upon you victim for the last time, Miss Jones. Seizing his hat, he rushed out into the cold, cold world, and ten minutes late was playing pin-pool for the drinks .-

Respect, Not Love.

Clara Vere de Vere-It can hever on

Mr. Highflyer-I was on the top side of that wheat corner, Miss Clara. Lool at this bank account. "I do not love you, Mr. Highfiver, bu I respect you. Oh, my darling, hor deeply I respect you! I am yours.' Phi adelphia Record.

-Ine great trouble with man is not a lack of opportunity, it is the need of a disposition to improve the opportunities he has. .The great secret of getting on in

-Men suppose that their reason has command over their words: still it happens that words in return exercise au

the world-a secret which few have

thority on reason .- Lord Bacon -Don't say that a man is bow-legged even if he has that eccentricity of guit Just say that he doesn't obstruct the view of the scenery when he is walking .- Western Plowman.

-Unless a man has trained himself for his chance, the chance will only make him ridiculous. A great occasion is worth to a man exactly what his antecedents have enabled him to make of it .- William Matthews. -Most of the very riod men of this country were ence poor. But unfortunately a dr about from one condi-

by means of a method of adhesio idea that he and the warden had enter- how far each rule co-exists or not with ed into an agreement to this effect. Other rules, and what have been the This is a bit of adroitness on the part directions of development from one of the cunning redskin, and he is very rule to another. As a first test of the results to be obtained by this means thority in thwarting the desires of the the barbaric custom is examined work end been. Having guards when he wants to get out of do-ing any thing. A sign or a word from wife's parents (though on a friendly some years to a careful ing any thing. A sign or a word from wife's parents (though on a friendly him to one of the other Indians has footing) to speak or look at one another or mention one another's names. Some seventy peoples pracflict of authority. Not long ago there ties this or the converse custom of the advice and help of every wife and her busband's relatives being obliged ceremonially to cut one an- it was only when he had ler other. On classifying the marriage them all they could teach him returned to his palace at Togern is found to lie between those people he established himself as a whose custom is for the husband to reside with his wife's family and those where he removes her to his own home. It appears that the avoidance custom between the husband and his wife's family belongs preponderantly (in fourteen cases, as compared with aid. If he perform an eight computed as likely to happen by (in fourteen cases, as compared with also shows that the Indians are like at chauce) to the group of cases where as that of any the husband goes to live with the skill, neither other school boys. One evening Capain Jack refused to go to school and wife's family. This implies a casual ever, the patient onnection between the customs of woldance and residence, suggesting as ing in such exp a reason that the husband, being an as great doctors, interloper in the wife's family, must be ers his charges to treated as a stranger; to use an English | can afford to pay; while, idiom expressing the situation, he is not 'recognized.' Other varieties of the officers with £30 a year, customs show similar preponderant adesions. Another custom, here called teknonmy, or naming the parent from | fee, but while they a the child, prevails among more than he receives the thirty people; as an example was men- and caring for the tioned the name of Ra-mary, or father | kindly thought of Mary, by which Livingstone was an ideal socia generally known in Africa. This cus- Princes befor tom proves on examination to adhere but which closely to those of residence and avoid-honest va ance, the three occurring together mong eleven people-that is, more than six times as often as might be gapected to happen by chance conc rence. Their connection finds satisfactory explanation in the accounts given of the Cree Indians of Canada, where the husband lives in his wife's house, but never speaks to his parents-in-law till his first child is born; this alters the whom situation, for though the father is not a member of the family his child is, and so confers on him the status of that in George Wash father of so-and-so,' which becomes art was practiced ever his name, the whole being then and good statesman. It brought to a logical conclusion by the of the Maryland Jo family ceasing to cut him. These etiquettes of avoidance furnish an indication of the direction of change in | now known to all the social habits among mankind; there Vernon. This is the " are eight people (for instance, the

> nat at a recent period he may have habitually lived with them -London MOVING FROM MEXICO.

> People of Sonora Emigrating to the Southern Part of Arizona.

There has been for some time past a remarkable movement of Mexicans out of Sonora into Southern Arizona and New Mexico as far East as El Paso. They come with their families, and household goods, apparently determined never to go back again. Phere must be some peculiar reason for this sudden emigration, although when questioned, these refugees speak only in a general way about increasing hardship and poverty in their old nomes, of oppressive government and of accumulation of wealth in the hands of the few. They all say that it is getting impossible for poor people

to make an honest living in Sonora. An impartial inquiry into the facts of the case shows that Sonora is one of the States where the authorities have made it their especial business to invite foreign capital and immigration, and that the lands of the State have been given or sold in large bodies to English and American companies, mining syndicates and colonizing corporations. At the present moment some extra large concessions are on the point of being given to foreign applicants. There may be some truth in gin by pu the complaint that by inviting the en- hind then

ss native goes to the wall. These refugees charge that the bloody and expensive Yaqui war originated simply in a vast scheme of land grab bing, in which some Mexican officials, high in authority, co-operated with foreign capitalists in getting hold of the entire Yaqui valley as well as all the land along the Mavo river. Even the or of wealthy Sonorians of the better class to dis are dissatisfied by the course high of has ficials are pursuing, and there is a no dstrong undercurrent of discontent throughout the State, and in some sections only the presence of Federal Mexican troops prevents open out breaks. Troops are stationed at various points ostensibly for the purpose of keeping the Indians in cheek, but in reality to awe the common people There is at present every appearance les of this immigration continuing in th direction of Southern Arizona. - Loui. ville Cour . r-Journal .

-- Fifty Tears ago the United St was the home of a large number of pe-culiar wild unimals. Unless a National preserve cornes to the rescue very soon, another decade will see them nearly all extinct. The grizzles are disappearing from the Rockies. A live buffale i now worth from \$500 to \$1.0 three years ago cost scarcely that amount, and they are for nowhere by in a corner of in the Yellowstone Park. has been hunted almost of The pas untain sheep,

-To free canaries and ? insects the following me' mended by one who says dusk cover the cage wit. During the night the it from the birds on to they may be seen ru

to practice as a doctor traveled through Europe. oculist. Any one may co his door stands open to all the the only difference between b any other practitions rate of charges varies in with the wealth of those w but which of

MOUNT VERNON, IN V Zulus) where residence is in the hus- 15, 1773-The subscr. band's family, with the accompanying, tained patents for advoidances, but at the same time the acres of land on the advoidance is kept up between the Kanawha (10,000 of husband and wife's family, indicating on the banks of the river, between the Kunnwhas, and the remaind Great Kanawha or New riv mouth or near it, upw continued survey) pr the same into any sized nay be desired, and le

rate terms, alle number of years' rewithin the space of next October, three contained in each lot. stely for a lesser qu eleared, fenced and till and before the time commencement of the 6 cres of every hundr entely, as ah

fifty frui of land sha ises. Any L on the land formed of the the subscriber, r his absence to Mr.

tober next numb swer th Those

terprising, pushing and well-to-do for- | the causes eigners the poor, ignorant and shiftsuccessful m find that in n and thrift quire into cossful m monly cal

beaver, the antelope, al