temperature its volume would (3) cubic feet; and, that the furnace is tuyeres, each seven ton this torrid air would each tuyere (under a prespounds per square inch) at of 12,143 cubic feet, and havthe enormous lineal velocity of 45, 417 feet per minute. The velocity is over five times that of the most violent tornadoe, and the pressure is more self was rusted to the d could not be drawn. The than twesty-five times greater. the handle and the seabbar. made of a strange compositio hat rust had but little effect upon, au-

et of air

Should a blast of equal pressure and velocity come from unfathomed space and envelop this earth it is absolutely certain that no living beings or loose materials would be left upon its rock ribbed skeleton, which, stripped of its flesh and blood, fields and forests, lakes and oceans, would be nurled into a new orbits aid made to assume revolutions and rotations whose amplitude and duration it is impossible to imagine or describe.-F. W. Durfee in Popular Science Monthly.

they seemed but slightly injured b

time. The handle of the sword is o

pure gold, at the top of which is a larg-

liamond clustered around with rubies

On the handle is the name, "Hernand

e Soto." Below is the coat of arms.

which consists of a spring oozing out of

hillside, and close by the spring

ild. Underneath this is the inscrip-

on, written in Latin, "The Spring of puth." The cograving is remarkably

Phese few bones and implements of

ing which bestowed on any one who

discouragement and defeat. History

Fort Jefferson has the honor of his

grave. - Cor. St. Louis Globe-Demo-

Employes of the Mills in Georgia,

surroundings and the efficiency of the

operatives are taken into account, pay is relatively as high as where a more complex civilization has created artifi-cial wants. The interdependence in

the south between corporation and em-

ployes is rare in New England factory

villages. The names, residence, cir-

cumstances, needs, fallings or virtues

are here well known to the officials;

in time of trouble or suspension of

work money is freely advanced, and by

an unwritten code of human feeling

long illness or other disability often

Not only are relations more friendly and intimate than at the north, but there is conspicuous freedom from the spirit of

drive and despotism. Even New Eng-

land superintendents and overseers in

these southern mills soon glide into the

prevailing laissez-faire or else leave in

despair, though admitting that the cracker might be trained to the high-

Rider Haggard at Diener,

I was passent at a dinner given in

nd his wife, by a wantily gentieman. The diner was for half past 6, but Ir. Rider Haggard didn't show up

When the novelist did present

welf his brots were muddy, and bything but his hair was ruffled.

Be appeared to be in a revery during

the dinner and was highly uninterest-

ing. His conversation consisted of "Ah, really's!" and hours and haws. He rat his hand continually through

his carefully barbered hair. "I was

late," he explained, "because I lind to

come it one of your transways on stilts.

The other guests had

you know." The other guests had

Benefits of Travel.

It is salutary discipline to travel into

foreign lands before setting up for a critic of our own institutions and cus-

toms. Indeed only upon an apprentice

in New York Derald.

the Year Round.

est ciciency. - Century

brings the regular weekly pay.

Wages in the Georgia mills seem low

Feminine Foresight.

A significant side light was thrown upon the question of portrait painting are so doubt all that remains of great De Soto, who, believing that where in the New World was a by a conversation which was recently heard between two Boston women. One of them remarked that her Aunt sathed in its crystal waters perpetual youth, gave up wealth and luxury to undergo the hardships of a wild and unknown country, and at last died in Maria, a woman as ugly to look upon as she was wealthy, was intending to have her portrait painted.

"I tell her." the niece remarked. "that she must have Mr. X do it." "My dear," her friend responded.

says that De Sota died somewhere in this part of the country, and his body was thrown into the river in order to "if you expect to be remembered in your Aunt Maria's will, for heaven's don't have anything to do with keep the fact of his death from the In-Mr. X's painting her portrait." dians, but history is probably mistaken.

"Why not, my dear?"
"Why not? Why, my dear child, he'll make it look like her! She will be furious, and as she cannot vent her displeasure on him she will blame you. I know her. Let her have Mr. Y do when judged by northern standards, yet when the cost of living and the it, and he will idealize it so that it will be almost good looking."

> responded thoughtfully. "Of course I am right. Besides, the picture will probably descend to you. and you had better have a good look-

"I dare say you are right," the niece

ing one than one that i."-The broken sentence was more significant than novel. The two ladies looked at each other in perfect understanding, and it was arranged that Aunt Maria shoul I be idealized by Mr. Y, instead of being portrayed by Mr. X.—Boston Courier.

Distressing Oversight.

The most famous view in the Yosemite valley is that from Inspiration point, where the traveler gets his first sight of the whole valley.

It is a splendid bird's eye sweep, which are gathered more scenic wonden than are contained in an equal space elsewhere in the world.

A gentleman who has recently visited the Pacific coast described the hush which fell upon the occupants of the stage coach as the driver pulled up his horses at this point. Their delight and enthusiasm were too keen to be put

uddenly exclaimed, with a mighty igh, expressive of the deepest feeling: "Oh, my! I wonder why they don't

ave lace curtains at the Wawona otel!"-Youth's Companion.

Avoid Hair Dyes.

There is nothing so detrimental to he preservation of the hair as to use he various hair lations and dyes which nodern fashion has introduced. Not a we use dyes, which are warranted to se pure and harmines in order to have sair of the prevailing fashionable color. V few years later they wonder why eir bair f.des and falls out. The ause is apparent. The poisonous in-redients of the lyes have either pernamently destroyed the coloring pigents at the base of the hair or have illed the roofs, which in the end must esult in the hair falling out.-Yankee

ship of this sort can aught to praise or dispraise of ourselves worth hearing be said. A traveler realizes that though we are an excellent nation of islander we are not quite the pattern men and Ile Knows Her Coo ing. women our home stayers are so fond of fancying. He also learns that we have Mrs McCrackle-I've got a recipe to pudding that will keep a we kee MeCorkle-My a fine stock of prejudices stowed away in the wallet upon which we are accusso long cow. I'd likes tomed to draw for our virtues.-All adding that my bush

once.-Epoch.

ties who have taken nen disappeared, leaving a due. Sowing machine agents after those who have disappeared with machines, not having paid for

There is only one way to find out the addresses of parties through the postoffice, and that is by addressing a letter to the old address of the person sought. The postoffice authorities are bound to deliver the letter. Of course his is not available to those in search of people against whom they hold laims, but when an address is sought y a friend he may be pretty sure that letter will find the person to whom t is addressed. -- New York Times.

Fraudnient Gianta.

The teath and bones of the fossil lephants found in Europe were for periy assigned to giants, and many re narkable stories were circulated re garding what was supposed to have been an extinct race of men "with eeth weighing from four to ten oounds." The last of these finds. which was believed to be the remains of a giant of the genus home, was disovered during the reign of Louis XIV. and was referred to as the giant of Dauphine.

These gigantic remains were discov ered by a surgeon, who stated they were inclosed in an enormous sepul hre, covered with a stone slab which sore the inscription, "Feutobochus ex," and that in the vicinity there were also found coins and medals, all of which showed the remains to be those of a giant king of Cimbri, who fought igainst Marius and was slain. It was ifterward proved that the surgeonliscoverer of these gigantic remains was as great a fraud as the man who nanufactured the plaster cast known is the "Cardiff Giant." -St. Louis Re-

Not All Men Smoke.

It is not true that 'all men smoke. It would be safe to say that at least one-third of the full grown men in this city never use tobacco in any shape. This conclusion has been reached by he present writer after inquiry and obervation. Not one-third of the pedesrians in the streets are to be seen sucking at any hour of the day or vening. In several large business es ablishments, which may be taken as examples of concerns of that kind, it was found that just about one third of the employes were smokers. In an up own club three-quarters of the mem bers were found to be smokers. In : number of big boarding houses a maority of the boarders were smokers. It is of course impossible to tell the exact proportion of the population that is given to habitual smoking; but let it stand at two-thirds until the statistics are furnished by the Anti-Tobacco society. - New York Sun.

Habits of Seals.

The habits of seals are very interest ing. The very young seal is helpless in the water until he is taught by his mother to swim. She takes him into the water daily on her fin and dumps him in, and when he gets tired of floundering about places him on her fin again and returns to her camp. When the young seals are well grown they suddenly disappear with their mothers and the bull seals. No one knows The silence lasted for a minute or equally as sudden as their separture. e bulls are the first to put in an ap parance at the camping ground. When they arrive they commence at ofee to prepare a camp for their mates. wich they stake off, and for which the fight until they die. In the mean thate the foinle seals remain on the distance from land, floating lazily of the water and seemingly having a goo time.—Interview in St. Louis Glob Democrat.

He Proved It

A Providence grocer wagered that he sould charge up a gallon of molasses to twenty different customers who traded on credit with him, and at least eight een out of the L

wife fir

were then scouring the city. between two gendarmes, w resting peacefully on one shoulders

The lady awakened her servant and they returned to her mansion without exciting the slightest suspicion in regard to Stepniak's identity.-George Kennan.

Two Gig Animals.

At the beginning of this century the price of hippopotamus ivory was \$6.25 per pound. Since the American inventeeth it is no longer sought for, and the value of the animal depends at present on the hide and the fat. The latter resembles lard, and the former is used for whips. A hippopotamus differs from most aquatic onimals in this particular, that, instead of diving head first, it sinks backward and disappears by throwing the nose upward. There is also a marked difference between this beast and the crocodile as regards the power of remaining under water.

The former, not withstanding its enormous lungs, must come up to breathe in ten minutes at the longest, whereas the crocodile can stay beneath the surface for almost any length of time. The crocodile has the power of living through the hot season in a torpid state, buried in the mud, which dries and hardens above him. When the mud is softened in the rainy season the animal resumes its activity. It seems that crocodiles measuring twenty-two feet in length have frequently been killed. There is no doubt that one of these could swallow an ordinary human being. A large specimen having been killed and cut open in Ceylon the body of a native was found in its stomach.-M. W. Hazleton in New York Ledger.

Consumption Cared by Careful Feeding. In 1831 a young man lay apparently dying of consumption; a skeleton, wasting by night sweats and cough which threw off lung fibres, with frequent hemorrhages; cavities in both lungs, heart enlarged, pulse 120, respiration twenty and more times a minute-a desperate case. He was fed on beef from the top of the round, scraped from fibre, the pulp daintily molded with knife and fork, not even the hand allowed to touch it lest the human heat Corn Meal Chop Feed, etc. should change the condition of the meat: the beef broiled and seasoned to taste with pepper, salt, butter and lemon juice; even a little Worcestershire sauce allowed.

The patient was fed this three times a day, given gentle tonies, bathed rwice a day with ammonia or acid sponge baths, and carefully watched. for life was likely to slip away at any moment. The cough and sweats left, the patient arose from his illness, went through college, married, and calls himself a well man .- Shirley Dare's Letter,

The Best Tonie.

If you wake up feeling low-blue and unhappy-or if you have a bad taste in your mouth, drink a gobletful of cold water the first thing. It will cool your parched throat and brace your whole ystem up. It is the best kind of an 'eye opener" yet invented. Don't you remember Charlotte Bronte's story of "Villette," and how the heroine, dear Lucy Snow, always drank coldin the morning whenever sho cited or unhappy? I alw believe that that

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