# AGRICULTURAL.

TOPICS OF INTEREST RELATIVE TO FARM AND GARDEN.

Food for Fowls. Buckwheat fattens. So does corn. Wheat is the best egg producer.

Oats come next to wheat. Rye gives life to the stock. egg-shells.

Sand and gravel help the gizzard chew the food. Charcoal is a comb-brightener.

Beef scraps and cornmeal mush for Sunflower seeds are a good health-

The poultryman who keeps his fowls on a one-food diet will wait in vain for if you would keep him in health. good results.

Grubbing Out Trees.

Wherever time is an object in clearing land no stump; should be allowed. A stump is unmanageable, and if green, is other." definitely. But a tree may be dug around it with comparatively little labor, and its | Finely pulverized and well intermixed out of the ground. As the tree bends, the roots that adhere in the soil may be season. cut with an old axe that need not be very | Galvanized barb-wire will last many sharp for that purpose. When it lies on years without rust or harm; if only the ground hitch a team to its top painted it requires frequent repainting, branches, and twist the body around so or it will rust. tree of moderate size may be cheaply the fruit room in winter be steadily near grubbed out. When the hole made by excavating the root is filled, the whole cheap thermometers. may be plowed and seeded.

#### Value of Skim-Milk.

Some dairymen whose specialty is butter make a practice of selling skimmed milk. It is not difficult to realize nearly as much from the sale of skimmed milk as is got from the butter, and with much prevent the cold air from flowing out if less labor than is required in caring for | the entrance is on the same level. the cream, churning the butter and workballs of cottage cheese sell well almost screws, bolts, etc., of different sizes. everywhere, and at proportionably better prices than cheese made in factories. It is surprising that more farmers do not go into this business when milk is plentiful. But, except for making into cottage cheese, skimmed milk is worth more to feed to stock than to sell. It might often be bought with profit at the price of new milk as an addition to the ration of young pigs fed exclusively on corn. The skim-milk contains the elements of food that go to make growth, and in which corn is deficient. It is not necessary nor best to make an exclusive feed of skim-milk. The farmer who can do this had better buy or raise more pigs as be made to go a great way in growing a bushel. porkers. - Cultivater.

Scientific Butter-Making.

Cheshire Dairy Institute in England: "As soon as the milk is drawn from the cows it is brought gently to the dairy, and strained into a large milk cooler or vat, after which it is at once put through the Laval separator, which is worked by steam power. The cream is received in large tin vessels, which, on being full, are immediately plunged in a cistern of cold water, and brought to a temperature of sixty degrees, at which it is desirable that it should be kept to ripan; it is generally ready to churn in two or three days. The churn used is "Bradford's Diaphragm," which is driven by steam, churning about forty pounds of butter at a time. It is worked at a speed of forty-five revolutions per minute, the temperature of the cream being fiftyseven degrees. Churning is generally completed in thirty-five to forty minutes. A smaller churn is a'so used for pupils who wish to learn to churn by hand. When the butter appears in very small particles, about the size of [pin-heads, a lifted out of the churn with a wooden the top to keep all snug and dry. scoop into a small tub while in grains. After being weighed in bulk upon the charcoal, especially willow, ought always out upon the butter-worker, and a quar- does not look bright give a teacupful in ter of an ounce of s.lt added to every her bran or other feed and wet up. If itated considerably by the butter-worker The wolf can't stand charcoal. It is an being wiped dry with a musli cloth excellent thing to gi e charcoal all each time the butter is passed over it. around once a week. The butter is then neatly made up into one-pound rolls, wrapped in greaseproof paper, and put into cardboard boxes; these are again packed into large wooden boxes of twenty-four pounds each, and sent to various customers. The butter made on this system is waxy and close in texture, clear in color and distinctly pure in flavor, and keeps well and commands a high price."

Farmers Who Worry. life among farmers is less than that this time. With the rest it is advisable among any other of the industrial classes, and that insanity prevails to the largest extent in farm houses. It was well and by the late Henry Ward Beecher (never to be forgotten for his many wise words) that "it is not work but worry that kills." And it is a sad truth that the farm house is the seat of more worry than the average dwelling. The artisan, the clerk and the merchant of the city leave their business behind when they go to their homes, and the evening's recreation or conversation frees the mind from corroding cares. But the farmer carries the former is to blister behind the heels his cares with him, and he may be and to wear a bar shoe or a thick leather known, and his wife, too, by the prevail- sole under the shoe, and to stuff the ing sadness indicated by the lines and furrows of their faces. It is not easy to take things easy. But when one can in- with cold water with a little saltpetre ure himself to a condition of content. dissolved in it, and after the lameness ment, get his work down to a system- has subsided apply ablister to the sides atic method, and does not try to squeeze and front of the pastern. The horse 12 hours into 8, he will find the world must rest. far more joyous and pleasant than he has thought it, and his troubles will vanish

as a nightmare when one awakes.

except to gossip with equally overworked neighbors over the fence or seated on the top rail. Meanwhile the wife, wearied for want of rest, goes through the day's dreary round in the house and out of it for three-fourths of the twenty-four hours. There is no absolute necessity for a farmer to rise until 6 o'clock at this season and 5 in the summer. He can get his stock fed very quickly if everything is prepared the day before in the ufternoon or evening, and if he will be industrious during the day he can get Ground bones and oyster-shells for through all his work in ten hours. Wellmanaged farm work is the easiest of all kinds of work. - Ne v York Tim's.

> Farm and Garden Notes. Every farmer who can handle tools should have a workshop.

Money spent in paint for farm buildings and implements is no loss. Let the horse have some exercise daily

A piece of liver rubbed over a tree or shrub will protect it from rabbits. Each farmer knows some things; all farmers know more. "Teach one an-

quite as apt as not, if cut in winter, to Manure finely diffused through the soil send up suckers, which will keep the lessons dryness in a dry time; if left in roots alive and prolong the nuisance in- lumps when ploughed under it increases

top used as a lever to turn its roots up through soil, manure is worth more than double if left in lumps, even in a wet

as to loosen more roots. In this way a To keep fruit without decaying, let

the freezing point, regulated with two days." The most successful dehorning of | Epoc's.

calves, and when only a little button, easily removed, is the horn. Fruit rooms or fruit houses, to be kept cool, should be entered from above, to

cattle is when they are three weeks

Every farmer should have a workshop, ing it over, the profit may be greatly in- with a distinct place for every tool, and

creased. Curdled milk worked into boxes with compartments for nails, The kitchen in every country house should be on a level with the principal

floor, and should have ample windows for light and ventilation on opposite sides. fodder for ensilage, followed by thick explosion behind the hill.' rye to be ploughed in late next spring.

To find the contents of a crib, multiply the length, breadth and height for the cubic feet; multiply the same by four and strike off the right hand figure, and the result will be the shelled bushels. Professor Arnold says the running expense in labor and fuel for evaporating

quickly as possible. By giving besides apples is ten and twelve cents a bushel; corn some other grain-as outs-or add- for raspberries, half a cent a quart; for ing fine middlings, a little skim-milk may peaches, twenty-five to thirty-five cents | you?'

Paris green is the most efficient insecticide, and succeeds with potato beetles, canker worms, codling moths, Mary C. Connell, in the Agricultural Ga- and all other insects which devour ze'te, thus describes butter-making at the leaves, but fails with plant lice, which live by sucking juices.

There is not much advantage in feeding potatoes to cows, if butter, rather than milk, is the object. Potatoes increase the flow of milk, but they make a poor, salvy kind of butter unless other and richer feed is given with them. There is starch in the potato, but it lacks the fat found in corn-meal which makes it so valuable a feed for the

If the Rural New Yorker's poultry investigations have determined one thing more valuable than others it is the use of kerosene and spraying bellows for exterminating lice in the easiest and cheapest way. A poultry house ten feet square can be thoroughly kerosened in a minute. the fine spray penetrating every crack and crevice. There is no need whatever of whitewash or the use of any other material for this purpose. The kerosene vapor is effectual.

An experienced horticulturist, says quantity of cold water (about four gal- Popular Gardening, uses many hundredlons), at a temperature of about fifty de- yards of muslin for winter protection to grees, is added, and churning is tender plants. Around tender trees and continued until the butter appears in shrubs he drives stakes to which he tacks grains about the size of large shot, when muslin, which completely protects the the churn is stopped; the buttermilk is plants from wind. In the case of rather drawn off through the strainer. When tender sorts, he throws a few armfuls of the grains are firm the butter is never dryoak leaves inside the muslin inclosure, washed. The butter is then carefully then tacks another piece of muslin over

The Guernsey Breeder says soft-wood machine, the buttermilk is well pressed to be kept in the cow stable. If a cow pound of butter, when the butter-worker her breath is bad, her horns hot and her is passed over the butter five or six times. nose dry, she is dyspeptic and feverish. It is then put away for three hours; after Give her charcoal. If she has hollow which it is again put on the butter- horn, give charcoal, half a teaspoonful worker and worked until it is seen to be at each meal, for three or four days. quite free from moisture. This is facil- '1 reat wolf-in-the-tail in the same way.

It depends upon the kind of cow whether it is well to milk her close up to the time of calving or not. Generally it is advisable to take the milk until it begins to change on the approach of the new lactation. Then there is a large increase in the secretion of the salts in the milk, and a change in the character of the fats. This occurs about thirty or forty days before calving, and at this time it is usual for the milking to be gradu-It is said that the average duration of ally stopped. The largest proportion of cows naturally stop milking before

to dry the cows. When a horse is lame after traveling and is constantly shifting the foot and rests it on the toe, it indicates sprain of the back tendons or disease of the navicular bone. The latter is distinguished by striking the frog with a small hammer, and if the horse winces the navicular bone is affected; if there is no tenderness found there the disease is in the tendon which plays over the cartilage of the pastern joint. The remedy for space under the sole with tow. For the inflamed tendon apply bandages soaked

# He Fixed It.

St. Louis man (in his room at Chicago There are farmers who have the habit hotel preparing to retire) - "What's this of rising at 3 or 4 in in the morning, sign? 'Don't blow out the gas.' All Early rising may be included in the vices | right. If the lan'lord wants 'er to burn sometimes. A farmer who leaves his un- all night it's nuthin' to me. What's this restful bed at such an early hour is a tacked onto the door? 'Rules of the tyrant to his family. We have known house.' Jesso. 'All gas burned after such men to arouse the household at this 12 o'clock p. m. will be charged for.' unseasonable hour and then sit by the So. That's the game, is it? Daresn't fire until daylight mourning over their blow it out, and yet got to pay fur it if hard lot, which compelled them to be it burns after midnight, have I? Not by about when other people were enjoying a gosh-blamed sight! I'd like to see any their rest. Then they would go out and Chicago bulldozer get ahead of me that feed the stock, and, spending the day in | way?" [Empties water pitcher on gas jet this fashion, would do very little work and crawls into bed. |- Chicago Tribune.

# BUDGET OF FUN.

HUMOROUS SKETCHES FROM VARIOUS SOURCES. .

What He Gave Him-Curved Around the Obstruction-More Than He Expected-His Health Was Delicate, Etc.

"I have just given my father-in-law a very nice present," said a traveling man | Press. man to another.

"What was it?" "A pointer."

"Ah! I see. A hint not to interfere in family matters." "Notat all. It was a dog."-Merchant-Traveler.

Curved Around the Obstruction. "Stevie," a bright four year-old, had been told that he must not ask for anything to eat when visiting the neighbor. Soon after, at the house of a distant relative, where he invariably found something to eat, he hung around with a wistful sort of look, until finally he broke

"Aunt Jane, I'm awful thirsty." "Are you?" "Yes. I am so thirsty I could eat a

doughnut,"-Boston Globe. More Than he Expected. Young Man (to editor)-"What do you think I ought to get for the poem:'

Young man (overjoyed)-"Oh, that is fully as much as I expected." Editor-"Yes; ten dollars or thirty That was more than he expected .-

His Health was Delicate. servant has given you a lunch in the sidewalk, will you not?" Tramp-"I would like to oblige you, madam, but really, I cannot."

"Why not? "My physician has forbidden andle anything cold, except col-1als. - Siftings.

Realistic Effects. Admiring Visitor-"The action of

Artist (with freezing hauteur)-"Par- strip under the General Land laws, but lon me-that is not an explosion, but a President Cleveland has not yet signed epresentation of sunset in the Rockies, it, and we now have men in Washingand that's not a load of hay and oxen, ton who are trying to get it put but the overland coach a: d a pair of through.' horses. -Boston Beacon.

A Modest Request. see young boys enjoy themselves, don't San Francisco Examiner.

"Why, yes," replied grandpa. "And you like to do all you can to help om have a good time, don't you?"

"Why, certainly." "I thought so. Well, me and the Tompkins boys and the Clarks are gong to play 'Life on the Plains' in the Clarks' barn for the next two afternoons, and I thought I'd ask you to let us take your wig to use for a scalp."-Til-Buts.

One Experience Enough. "Maria," said Mr. Wipedunks, as he came in and threw a folded document on the table, "I have just insured my life for

\$5,000 in your favor. There is the document." "Thank you, Bilkerson," said Mrs. Wipedunks, "I hope it may be many years before it will be of any use to me.' "It will be of much use to you if you wish to marry again," he growled. "With \$5,000 in cash you can pick out almost

any fool you like." "No. Bilkerson," she replied, affectionately, "I think I should want a change next time." - Chicago Tribune.

An Accommodating Texan. When Col. Sumpter was in New York, strolling about and seeing what was to be seen, he noticed by the side of the door of a large mansion on Fourth avenue, right under the bell, the words:

"Please ring the bell for janitor." After reflecting a few minutes. Col. Sumpter walked up and gave the bell such a pull that one might have supposed he was trying to extricate it by the roots. In a few minutes an angry-faced man tore

"Are you the janitor?" asked Col. Sumpter. "Yes; what do you want?" "I saw that notice, 'Please ring the bell for the janitor,' so I rang the bell for you, and now I want to know why can't you ring the bell yourself?"-Texas

His Sister Was Sharper. Bobby (to Mr. DeRuyter, who is wait-

ing for Miss Jenny to come down)-"Will you p'ease stand up a minute?" Mr. Delluvter (who knows that Jenny dote: on Bobby)-"Certainly, Bobby."

Dell. (standing before the window)-"There will that do?" B .- "Yes." (Takes a good look at DeR., and appears disappointed.

Bobby?" B .- "Well, Jenny said last night that wanted to try you."-Tid-Bits.

From a 8 nall Boy's Standpoint. wonderful y gifted child," said a travel- is known whether they are guilty or not. ing man to his wife.

"Yes, he was wonderfully favored by nature. "Well, I should say so," said their eight-year-old son, who had been to the

concert. "He's mighty lucky." "What makes you think so, Willie?" said his father, delighted to perceive such evidence of precocious musical ap-

"Cause whenever he feels like it he can turn in and make just as much noise as he feels like without anybody's saying: 'Now, Josef, you come away from that to me. piano this instant or I shall put you to ted."-Merchant Trave'er.

It is Human Nature. "I'd like to know," he began as he entered police headquarters vesterday, "if we have a police force?"

"We have," replied the Sergeant. "Then I want it to protect me! I am taxpayer." "You shall be protected, sir. What is the case?"

"Why, I got some paint on my overcoat last night, and my wife sponged it off with benzine and left it out doors to

air. It's gone! Yes, sir, gone!"
"Well, we'll try and find it for you." The wrathy man had scarcely departed when a second stranger entered and demanded to know:

"Have we police or have we not?" "We have," replied the Sergeant. "Well, here's an overcoat I found in

my yard this morning, where some burglar had probably left it. Just smell the chloroform, will you!"

A messenger was sent to overtake the rst man and he returned and identified the coat, which had blown over the "Yes, sir, it's mine;" said he, as he

started off, "and I hope the police will be more vigilart in future." "And it was in my yard, sir," said number two, as he went out, "and if any more burglars come around you

## No Man's Land.

"Although I am a native of these good nited States, have never deserted the tars and Stripes in any emergency, have fought in two wars to uphold her ensigns, and have reared a half dozen patriotic sons, I am without a home and gentleman toan Examiner representative. | tives. "And this, too, while I have never sort of a citizen.'

this, as you know, if you have been; watching the doings of Congress lately, Territory, so called. As a matter of fact, it was never part of that Territory, new Editor- "You ought to get ten del- any other, and we are now asking Congrass to set us off as an independent laws, that is, none that may be called injuries. such, although we manage to do business and keep things straight in an average way. There are about three thousand of us in No Man's Land. It is a country well watered by the north fork Lady of the House-" Now that the of the Canadian River and its tributaries. A good many of the Oklahoma boomers, kitchen you will shovel the snow off the when they didn't make things stick in the whales escaped. Similar occurrences they are for beings created in the image Oklahoma, came over to our country. We are a thriving lot, and who knows principal villages are Camp Nicholas and Camp Supply. It is a level and very productive country mostly. In round figures we have about 3,673,000 acres. Quite enough, isn't it, to make a little principality of itself? It would make a bigger State than Connecticut. We want

The speaker was Henry Bent, for five years a trader on the Canadian river. He is bound home from Monrovia and leaves "Grandpa," said Bertie, "you like to by way of the Central Pacific to-day .-

The Truth of Weather-Lore.

The persistent survival of weather-lore in these days of intellectual emancipation is not at all remarkable when we consider the extent to which the vulgar sayings embody real truths. A few years ago Messrs. Abercromby and Marriott embarked on an extremely interesting inquiry and with the view to determine. by actual comparison, how far the popular proverbs express relations, or sequences which the results of meteorological science show to be real. The investigation proved that something like a hundred of the more popular sayings are, under ordinary conditions, trustworthy. Such being the case, we need not be surprised that simple country folk prefer famil'ar couplets to all the "isobars," ."cyclones," and "synchronous charts" in the world. If hills clear, rain near," means the same as "the presence of a wedgeshaped area of high pressure, accompanied by great atmospheric visibility, is likely to be followed by the advance of a disturbance with rain and southerly winds," which for all practical purposes it doe; the preference is justified on the mere ground of breath economy. The thirty one words demanded by science stand no chance against four.

But it is unfortunate that along with the limited number of folk-sayings founded on truth, there has survived a very large number founded on the grossest error. These latter have borrowed credence and respect from the proved credibility of the others, and apparently they are all destined to sink or swim together. Hammer as we will at certain favorite proverbs which we know to be based upon error, it is all in vain. The reverence for tradition is too much for us. And of all the superstitions, pure and simple, which defy our attempts at destruction, the most invaluable are those ascribing certain effects to the influence of the moon .- Popular Science

Three Kinds of Arrests in Russia.

There are three kinds of arrests in Russia. The first was intended to inspire terror and obtain clues to secret revolutionary action; the second was inconfession, or induce the prisoner to betray his friends; the third are the political suspects, who are kept in solitary confinement for months or years while the police scour the empire in search of Dell .- "What are you trying to do, criminating evidence against them. Justice is proverbially slow in Russia. ers become insane from solitary confinemercy of the police officers, who are responsible to the Czar, and who know that the Car will never inquire into their conduct. - Boston Herald.

# In the Conservatory.

Miss Browning (of Boston)-"Mr. Berrill, do you believe that a rose by any other name would smell as sweet?" Mr. Berrill (of Chicago)-"It would

Miss B. (innocently)-"Why?" Mr. B. (miserably)-"Because I have hay fever. - Tid-Bi's.

His Name Led All the Rest. Abou Ben Jenkins (may his tribe increase) A woke one night from a deep dream of peace, And saw within the confines of his room,

Making a light and like a fily in bloom,

An angel writing in a book of gold; Exceeding nerve had made Ben Jenkins bold. "What writest thou?" he said. The angel Replied: "The names of those who love their fellow-men." 'And is mine one !" asked Jenkins.

"Nay, not so," replied the angel. Jenkins felt quite sore. Write me," he said, "as shuts the door. The angel wrote, and vanished, and the next He came again with a great awakening light He showed the names of those the Lord had

And lo! Ben Jenkins's name led all the rest.

-New York Graphic.

blessed,

Long Island Whalers.

Amagansett, Long Island, where-numerous whaling crews live, is a neat little seaside-village, and it is the last settlement one-passes on going to Mentauk Point. It is but three miles east of the fishermen and rich whalemen. police will hear from me."-Detroit Free

The whaling crews are regularly organ- a boat owner or partner can do in a day ized in the village. Boats supplied is to bring to shore two boat loads. The with all the requisites for the chase are proceeds have to be divided among a kept housed on the beach, and the warn- number of workers, while the working ing that a whale has been sighted is season lasts for a portion of the year given by a man running down the beach only. In spite of all their lifelong labor swinging his coat and shouting, by the from morning to night, in winter and blowing of horns, the ringing of church, summer, and in calm and in storm, these bells, and by various noisy demonstra- crofter fishermen are in a state of chronictions unintelligible to the stranger, but poverty. They do not live by their without a country," remarked an elderly | conveying a definite meaning to the nas | scrappy patches of holdings. They earn

crossed her bacders, and have always place while the chase lasts, and its suc- hold on the land. been credited with being a pretty fair | cessful termination is the signal for a

general jubilee. "What is the riddle to all this, then?" Serious accidents have not infrequently the very soil for which they pay rent.
"I hail from No Man's Land. No marred these jubilees. Captain Rogers, The calcareous daposit which they call Man's Land, when I was a boy, meant of Southampton, in one of these chases a "coral sand" they have used to reclaim some place away off in the ocean; but few years ago was killeds by a, whale, these shores of rock and bog. They The monster went under the boat, and have used the seaweed for the same purwhen he came up astern of it brought his pose, cutting it up from the deep water means a narrow strip, 170 miles long and berrible tail up with a crashing stroke with a primitive machine which, may be 24 wide, between Colorado and Texas, which hit the stern of the boat exactly described as a marine scuthe; and the and forming the tail-end of the Indian under the Captain's feet. He was stand- seaweed has to be paid for, if not as a ing, his weight on one foot. The blow separate item, then as included in the it up into his thigh. The boak was of of house and pigsty, and basket loads of course overturned, and the injured Cap- soil found among the bowlders, these are Territory, so that we may make laws and tain and crew were saved with difficulty. the ingredients out of which, after years govern ourselves. As it is, we have no The Captain died in a few days from the of work, the crofter fishermen have pro-

sighted, and two were fastened. The brown sides of the sterile but incomparathree whales made a general rush at the | b'y picturesque mountains that surround boats, and out of the fleet of six or more Glengraiff the beautiful. And thedwellboats only one emerged from the conflict | ings of the hard working people! They uninjured. Fortunately, aside from a few | are more fit for the pigs that go grunting bruises, no one was seriously hurt, but and snouting in and out of them than have frequently been chronicled, evi- of God. A dry stone box with earthen the nerves, and render them, unfit for dencing that the business is not prose- floor and without windows, two or three but we may build up an Empire. Our cuted without great peril, and is cer- recesses stuffed with straw for beds, and tainly full enough of hardy adventure to the whole filled with peat reek, such make it most alluring to adventurous is the ordinary type of house where a spirits. The business is fairly prosper- fisherman and his wife live with half a ous, and those who engage in it make dozen or more children. In one such, comfortable livings and irequently be house which I visited there were seven come rich. The older men in the business children -London News. were whalemen when ships engaging in hose oxen drawing the load of hay is it called Cimarron and want a delegate the pursuit were fitted out from Sag Two crops may be profitably taken in simply immense, old man; but I don't to Congress the same as all the Terri. Harbor and have made repeated voyages a year from farm lands—the first, corn | nuite catch your idea in painting that | tories. The last Congress passed a bill | to the Arctic regions in search of the allowing the settlement of the disputed | monsters of the deep. Captain Henry E. | modern times in which the aggregate of Hunting, who is serving his constituents | the figures is twenty-five, and there will in the Assembly, belongs to this latter be but five more years in which such a class, and has made a number of success. combination is possible prior to the year ful whaling voyages as master of the 2599. Probably but few have ever

They are a hardy, good natured and follows: prosperous class of people, and persist in their perilous avocation because they like When the sum of the figures is twenty-five, it .- New York World,

Taking the Depth of the Sea

When we read about repairing breaks in the ocean cable we naturally are curious to know something about the manner in which operations on severed wires are carried on a mile or two below the

In the course of an article on the subect the New York Sun says that the first work done is to get a series of soundings over a patch of the sea aggregating twenty-five or thirty square miles. The sounding apparatus consists of an oblong shot of iron, weighing about thirtytwo pounds, attached to a pianoforte wire in such a way that, when lowered to the bottom, the shot will jab a small steel tube into the mud, and will then release itself from the wire and allow the sailors to draw up the tube with the mud in it. The moment the weight is released the men on deck stop paying out the wire, and thus, knowing how much wire has been run out, they are able to tell the depth. It is an interesting fact that it recently took twentyfour minutes and ten seconds for the weight of the sounding apparatus to reach bottom in 2,097 fathoms of water,

Education Among the Chinese, ter educated than any other race of peo: forms of elevators could be used with ple in the world. Education to a certain safety. The plan proposed is to construct extent is compulsory for all Chinese in the interior of a cylindrical tower a Africa, and thus far they excel any of males, although the mass cannot do much spiral railway track, on which shall run the Congo natives in industry and more than read and write; still to that a truck occupying the whole interior extent they are well educated. It has space. This circular truck carries a been the policy of the Chinese govern- double dacked car which is raised by the ment for hundreds of years to select a latter's revolution. Motion is communcertain number of boys from each dis- icated to the truck by an endless cable trict and educate them for historians and driven by a stationary engine. This writers. Their work is never completed, cable passes through the car and runs for as long as they live and are able to over a series of friction pulleys, which do anything they continue to write and communicate their metion to the trucks study. Every five years they pass an ex- through a worm-gear and spur-wheel. amination, and, according to their pro- The weight of the elevator-car is supficiency they are promoted to office or ported by the wheels of the truck, and rank. As a rule no Chinese can hope to these are only to be revolved by the attain prominence in any civil or military worm-gear. Consequently, if anything office pertaining to the Covernment un-less he has succeeded as a scholar, for the Chinese believe no man can succeed as a lary until the persons in the car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has ability and if he car started scholar unless he has a bility and if he car started scholar unless he has a bility and if he car started scholar unless he has a bility and if he car started scholar unless he has a bility and if he car started scholar unless he has a bility and if he car started scholar unless he has a bility and if he car started scholar unless he has a bility and if he car started scholar unless he has a bility and if he car started scholar unless he has a bility and if he car started scholar unless he has a bility and if he car started scholar unless he has a bility and if he car started scholar unless he has a bility and if he car started scholar unless he has a bility and if he car started scholar unless he has a bility and if he car started scholar unless he has a bility and if he car started scholar unless he has a bility and if he car started scholar unless he has a bility and if he car scholar unless he has ability, and if he the gear, and would then only descend as possesses ability, why then, as a matter long as motion continued to be given to of course, he is a suitable person to hold it. The cable runs at a high speed, which office; but no matter how high the office the gear reduces, and thus it is possible B. - "No, not there; over here by the tended by the use of torture to compel may be, he must continue his studies, to use quite a small cable to give motion

performed by a deputy. - Chicago Herald. Smarter than the Pawnbroker. A firm of gun dealers down-town got a consignment of beautiful cast iron shott guns from England. They were of tha- names are misleading, as it does not at to a few daring spirits, who will take des-The Government has so much police singular pattern which you can sell at all resemble a cat, and it does not feed perate chances to kill them, if they can she could see through you easily, and I work in hand, there is so much under- about \$4 and make a profit, the govern- on fish. The skin of the animal is highly be decoyed near the boundary line of ground service, that cases have to wait ment test mark thrown in. They look their turn, and again and again prison- well, but it is better not to fire them. bringing as high as \$10. The fur about cult. The experiments of Taxidermist their turn, and again and again prison- well, but it is better not to fire them. bringing as high as \$10. The fur about the rest many fell off or the charge the head, neck, and shoulders is dark w. T. Hornaday, of the National the head, neck, and shoulders is dark w. T. Hornaday, of the National tree than the head, neck, and shoulders is dark w. T. Hornaday, of the National tree than the head, neck, and shoulders is dark w. T. Hornaday, of the National tree than the head, neck, and shoulders is dark w. T. Hornaday, of the National tree than the head, neck, and shoulders is dark w. T. Hornaday, of the National tree than the head, neck, and shoulders is dark w. T. Hornaday, of the National tree than the head, neck, and shoulders is dark w. T. Hornaday, of the National tree than the head, neck, and shoulders is dark w. T. Hornaday, of the National tree than the head, neck, and shoulders is dark w. T. Hornaday, of the National tree than the head, neck, and shoulders is dark w. T. Hornaday, of the National tree than the head, neck, and shoulders is dark which the head, neck which the head, neck which the head, neck which the head, neck which the head which the he "Josef Hofman, the infant pianist is a ment, or die in their dungeons before it come out the wrong way. But they look beautiful and solid. A seedy looking in-The subject in Russia has no law on his dividual came in one day and bought side. Innocent or guilty, he is at the one. He came back next day and bought another. He kept coming and buying them one at a time, and still he did not seem to look any less seedy or have much more capital. The gun dealer began to wonder what he was doing with all those guns. He might be preparing a revolution or ariot or something. He followed him one day. The fellow took the gun to a pawnbloker and got \$9 on it. It cost \$4 and he kept on buying those guns until he had loaded up all the pawnbrokers in town with them and almost drank himself to death with the profits .- San Francisco Chronicle.

# A Corn Supper.

A novelty is a corn supper, where this standard cereal enters iato the name or ingredients of every dish. The following menu was served recently at a Grange banquet: Corn-some-way-Maizma cerealism.

Fishes a la maized. Roast corn a la patron. Corned beef. Corn Bread. Bread corned. Hulled corn. Succotash a la grange. PUDDINGS. Indian pudding baked. Indian pudding boiled.
Patron's corn pudding. Hasty pudding.
Corn starch.

CAKE. Corn colored cake. Cake corned. Corn cake. Corn starch cake. Starch corn cake. Milk from corn-colored cow. Butter from corn-fed cow,

DESERT. Corn ice cream. Corn candy. Balls a la corn. Corn de la corn popper. Corn coffee. Pure juice of corn. Corn juice.

The Poor Irish Crofters. .

Besides fishing up herring and hake the fish up sand. "Sand raising," as it is called, is as important an industry as catching fish. This kind of sand, known well known summer resort of East Flamp-ton, with whose history are associated farm manure and costs from eight to nine the names of John Howard Payse and shillings a boat load-a poor price con-Henry Ward Beecher. Amagansett has sidering the toilsome character of the a population of about two hundred peo- work and cost of the boats required ple, mostly thrifty farmers, well-to-do carry it on. A sand beat costs £35 when new and \$2 a year in repair. The utmost with difficulty from the sea barely All business practically stops in the enough to buy sleeping room and a foot

They even do more than that; they

partly create, with the help of the sea, shattered the bone of his leg and drove holding. Coral sand, seaweed, the refuse duced the green patches which dot in-On another occasion three whales were numerably the rocky shores and the gray

Will 1888 be a Year of War?

The present year is the fifth year of heard of the old prophecy, which runs as

Some warlike kingdom will draw the sword, But peaceful nations in peace shall thrive.

Students of modern history will readiy recall how faithfully this prophecy has been fulfilled in the four previous years to which it applied. formed the coalition against Sweden which inaugurated the great war that

ended in the diastrous defeat of Charles XII., at Pultowa. The year 1789 will ever he memorable on account of the breaking out of the French Pevolution.

The year 1798 witnessed the campaign against France. In 1879 war broke out between England and Afghanistan, followed by the invasion of the latter country by British

In what manner the prediction is to be verified in 1888 remains yet to be seen, but the present condition of Europe seems to promise an abundant fulfillment

# A Novel Elevator,

A curious elevator has been proposed for use in the Eiffel tower, which it is proposed to erect in Paris for the next exhibition, The tower is to be about 984 As a people the Chinese males are bet- feet high, and none of the ordinary the duties of his office being generally to a car containing 200 people. - Iron.

The Fisher Cat. A very rare animal is known to hunters as the black cat or fisher, but the gray. The back, hips, legs, and tail are | Museum, in quest of specimens of buffalo jet black. The body from the nose to | for that institution, have already been the butt of the tail is two feet long and | given at length, and he had orders bethe tail is sixteen inches inches long and | sides from European museums for some very full and bushy, not unlike that of of these animals. After working inan angry cat. It is a far more attractive | dustriously for two seasons, and tracreature than any other member of the | versing all the country north and west of weasel family, and is less known than | Minnesota to the Canada line, he sucany other of our mammalia. It is said | ceeded in finding two or three animals. by the hunters to prey upon the Canadian porcupine; to eat it, bristles and all, and digest them without inconvenience, Its other food consists of pine martins, squirrels, rabbits and other small animals, and it is remarkably expert in catching them. Occasionally it feeds on fish. The range of this great weasel is from the Great Silver Lake and Labrador to the Pacific and Southwest, occasionally on the mountains of Virginia.

# Fence Rails of Walnut.

"I was once riding up in the Cumberland Mountains," said the Chicago man, 'when I saw a bearded mountaineer splitting a big tree he had felled. It was a huge back walnut, I said to him, 'My friend, what are you doing?' 'I'm a makin' fence-ra'ls,' was his reply. 'Well,' I said, 'you don't mean to tell me you are making fence-rails out of that piece of log, ain't it?' It was as fine a black wal-\$200, for it was worth more than that." - Chicago Tribune.

## How Colds AgerCaught

Cold is not the only factor in the pro-diaction of catarrh. There is a collateral sause, and a most important one, in certain depressed conditions of the nervous system, which is too , e known and appreciated. In healthy conditions of the nervous system, provided reasonable precautions are taken against cold, thereis enough vitality in the organism toresist its injurious influence. The nervous system is, in fact, the guardian, controller, and prime regulator of animal heat or body temperature, and its slighfest failure to fulfill its responsible dutiesthe least relaxation of its constant vigilance-renders us l'able to fall a prey to

The following supposititious cases will afford an illustration: An individual who habitually drives about in an open conveyance with perfect freedom from catarrh, happens on one occasion to fall asleep when he is out, and the very next day has cold. The explanation of the phenomenon is to be found in the fact that during sleep nervous energy is lowered and the system therefore, less able to withstand the injurious effects of cold. If we assume that the individual was also in a state of intoxication at the time, the damage done by cold would bemore serious, as the depression by alcohol is superadded to that of sleep. It is therefore not surprising to find that inflammation of the lungs is frequently contracted under such circumstances. Weinstinctively, acknowledge, the nervous, depression during sleep by taking the precaution to throw a rug over the knees. before our forty winks on the diningtoom sofa.

A timid woman comes home one night pale and shastly with fright, having encountered a spectre clad in white, which she calls a "ghost." In a day or two she develops a cold, for which she cannot in any way account Fear acts as a depressant to the ner ystem, crippling its powers of resis the action of cold; hence the phraze, "shivering with fear." Similarly, innumurable events of daily life tend to i tate, depress, or excite meintaining the body temperature against the fluctuations of weather and climate. During these unguarded moments a brifling exposure to cold or damp is sufficient to induce catarrh. It is known that stout boots, umbrelias and wraps, though preservatives in their way, are not by any means the only precautionary measures to be adapted; that we must endeavor to strengthen the nervous system, if it be defective, and that when we are compelled to expose ourselves to cold or wet when the nerves are depressed from temporary causes, such as fatigue, anxiety, grief, dyspensia, or illaumor, we should be specially careful to guard against cold .- Chambers's Journal.

## Work for Congo Natives.

When Stanley began his work on the Congo it was with the greatest difficulty that he procured the services of fifty natives to help him open the road around the Cataracts to Stanley Pool. The growth of the Congo enterprise and In 1699 Russia, Denmark, and Poland | the changes for the better in the habits and disposition of the natives are shown by the fact that during the three months beginning last June 5,897 porters left Matadi, at the head of navigation on the lower river, with loads destined for Stanley Pool. The larger part of their freight was two new steamboats, one belonging to the Congo State and the other of Bonaparte in Egypt and the forma- to the company that is now surveying a tion of the second European coalition route for the railroad. All these porters were hired at Lukungu and Manyanga, the two largest places on the road to Stanley Pool. Recruiting officers are kept there to engage porters, and men come in from all the country around to enlist in the work and get some of the white men's merchandise. The work for porters to do has outgrown the provisions thus far made for supplying carof the prophecy. -Philadelphia Inquirer. | riers, and that is the reason that Bishop Taylor's steamboat was at last accounts. lying on the banks of the lower Congo for lack of transportation facilities.

The porters are paid for their services largely in cotton goods and hardware, for which there is a constantly growing demand. Among the natives who are in the service of the Congo State as soldiers or workmen around the stations are quite a number of Caffres from South obedience. The Congoese are, however, improving, and it is thought probable that the great work of building the railroad will be done largely by them and Caffres brought from Cape Colony .-

## Chicago Herald. The Last of the Buffaloes.

"It was but four years ago," said W. 8. Barrows, of Mandan, Dak., "that I bought 10,000 buffalo horns, and to-day it is about impossible to obtain one pair for love or money. According to the this time as a reptesentative of the countless thousands that swarmed on the Western prairies and they have sought protection in the Yellowstone Park. There are about thirty in the herd and many of the tourists through the park last summer encountered them during their travels. Even these are likely to become exterminated, unless the Government takes vigorous measures for their security, as their whereabouts are known

### the foreign orders never will be filled." -St Paul Globe.

which have been stuffed and mounted

for the museum at Washington, and un-

less the United States Government de-

cides to pick out a few of its only kerd

as a present to some European museum.

A Magnet's Enormous Power.

An interesting magnetic experiment on a large scale has lately been mide at Willets Point, N. Y., by Major W. R. King, of the Engineer Corps, U. S. A .. consisting in the conversion of a pair of great cannons, each weighing over twenty tons, into an electro-magnet The power of the magnet was enormous. The lines of force were very appreciable when a piece of iron was held in the hand, five or six feet distant from the poles, and some very interesting points were noticed, among which was a ne itimber?' 'Why, sartin. That's a good | tral point about 74 inch s from the face of the muzzle of each gun. Small pieces nut log as I ever saw, and if my friend of wire were projected outward with had known enough to get semebody with | considerable velocity, and then ilrawn a few oxen or mules to drag the log to back after rea hing a point some two feet the railroad he could have sold it for from the muzzle. Watches were, of course stopped when accidentally brought near the gun .- Scientific American.