CAMERON COUNTY PRESS, THURSDAY, JULY 18, 1901.



INSECTS FOR FOOD.

of Science Proclaim Cockroache and Locusts Rare Dainties, If Properly Prepared,

A French entomologist, M. Dagin, recommends insects as an article of food. He speaks with authority, having not only read through the whole fiterature of insect eating, but having himself tasted several hundreds of species raw, boiled, fried, broiled, roasted and hashed. He has even eaten spiders prepared according to the following recipe: "Take a plump spi-der, remove the legs and skin. Rub over with butter and swallow. How-ever, he does not recommend them, but this may be prejudice on his part. He states two objections to spiders. They are not insects, and they feed on animal food.

Cockroaches are a foundation for a delicious soup. M. Dagin follows the recipe given by Senator Testelin in a speech delivered in the senate on February 12, 1878: "Pound your cock-roaches in a mortar; put in a sieve, and pour in boiling water or beef stock.' connoisseurs prefer this to real bisque. M. Wilfrid de Fonvielle, the French scientist, prefers the cockroaches in the larval state. The perfect insect may be shelled and eaten like a shrimp; that way Dr. Gastler, member of the national assembly of 1848, used to eat them.

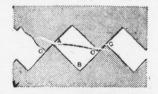
Caterpillars are a light food of easy digestion. Not only African and American native races but Frenchmen appreciate them. M. de Lalande, astronomer, had dinner every Saturday with the zoologist, Quatremere d'Isjonvalle. Mme. dIsjonvalle, who knew his tastes, collected in the afternoon all the caterpillars she could find in her reach. garden and served them on a plate to her guest. The most popular insect food is the locust. It is eaten fried, firied in the sun, ground in flour, broiled with rice as in Madagascar. The Jesuit Father Cambou thinks that locust flour might become popular in Europe as a condiment. Travelers' opinions on locusts differ. Amicis finds they taste like shrimps, Niebuhr like sardines, Livingston like caviare.

FRICTION AND SPEED.

A Clear Explanation of a Law That Has Seemed More or Less of a Mystery to Everybody.

The following explanation of why friction is less at high than at low speeds is due to Capt. Galton, who gave in connection with the Galton-Westinghouse brake trials in England. Railway and Locomotive Engineering, in a discussion of the subject, calls it the elearest explanation yet given. Says the writer

"It should be borne in mind that any two surfaces which are placed in con-tact are not perfectly smooth surfaces, but have small inequalities or roughness upon them. The figure shows in a very exaggerated form what two surfaces in contact may be supposed to



THE LAW OF FRICTION.

be like. When the two surfaces are at rest relatively to each other, the hills of the upper surface will fit closely into but would take a position like that shown in the figure. Then any point at 0 of the upper surface would first be in existence for a few years yet. dragged up to the vertex A, and would then fly across the space A C, till it struck some point O on B C. As the speed was greater, the distance through which O would fall in the passage would be less; consequently the distance O C would be less, and the work of dragging O up to the vertex C would be less also. Hence it might be seen how the actual work done per foot-run of service, or, in other words, the apparent coefficient would be less as the speed was greater."



cording to a critic who has been watching recent mechanical depelopment. He knows that nothing more likely to become obsolete than an existing naval institution, the moment something better is discov-ered, and he points to the rapid extinction of wooden warships pro-pelled by sails when the Merrimac pro-Monitor fight demonstrated that with such vessels the greatest squadrons under the ablest commanders were at the mercy of a little iron monitor. Man's command of the air through aeroplanes and flying machines, and his utilization of a water-blanket to protect submarine boats, will, says this critic, render ships that float on the surface worthless. The floaton the surface worthless. ing warship, he says, will be subject



NAVAL FIGHT OF THE FUTURE.

to attack from above and from beneath by enemies which it cannot

He draws, therefore, an interesting and thrilling picture of a naval battle of the future, which includes a fight between a flying machine and (among the Beduin), boiled in milk (a a submarine boat. This, he says, is Morocco recipe), or fried and served not so improbable as it seems. The flying machine can, he says, see the submarine beneath the sur-face when it would be invisible to men on a vessel, just as the fish hawk can locate its submerged victim. As the aeroplane can move with celerity, it can hover over the submarine until the latter is com-

pelled to come to the surface for air or rises for attack. Then it can drop lynamite bombs upon the submarin and train rapid-fires upon its thin shell

The submarine, however, will not be quite helpless. A well-aimed shot from its bow rapid-fires (which can be uncovered the moment the nose of the boat rises above the surface) would instantly put the flying ma-chine out of business, thus clearing the way for other submarines to rise to the surface or for a bevy of friendly flying machines to come up. Meanwhile, there would be no vessels in sight.

The critic does not, however, utterly extinguish ships. They can, he says, act in a subordinate capacity, dependent upon the preliminary fight-ing which must be done between flying machines and submarines to clear the mouths of harbors and make navigation safe. It is admitted that a big dynamite or guncotton bomb dropped from the air upon the deck of the strongest warship afloat might be likely to destroy it. Moreover, a submarine getting home a single tor-pedo upon the bottom of such a ship would sink it.

But naval officers (ever conservative and properly waiting for dem-onstrated superiority before acceptof the upper surface will in closely into onstrated superiority before accept the pollows of the lower one. But if ing so-called improvements) comfort the surfaces are in rapid motion past themselves with the reflection that the surfaces are in rapid motion past each other, the upper surface will not command of the air and of the sub-



WIDE-AWAKE FARM BOY.

Evidently This Youngster Is Determined to Make Agriculture a **Profitable** Occupation.

This article is for the boys; those live, up-to-date lads that like the farm and its stock. The boy that it is about lives in Portage county, and I know that you will be interested in hearing about him. Last fall the writer attended the Chagrin Falls fair, and on the road from that fair we passed a boy driving a pair of calves hitched to a wagon. He was sitting on the spring seat, whip in hand, as dignified as any grown man. The calves were well broken, and they responded perfectly to a word and a light tap of the whip which he carried in his hand. We noticed that he never beat them or yelled at them, as some grown persons do when they drive oxen.

We thought: "Now, here is a nice picture," so it was arranged that Harry Stebbins (for this is the boy's name) should bring his calves and wagon over to Mr. John Gould's the next day and have their photograph next day and have their photograph taken. The next forenoon Harry was on hand with his outfit, and Mr. Gould borrowed a neighbor's children to help fill the wagon, for that is the only way John has any children of his own. The sun was just right on the south side of the windmin, desciel and large menhe in the word derrick and large maple in the yard. Sitting there in the morning sunlight, Harry looked as pleased as a "sure-enough" farmer. Snap went the camera, and the picture was taken as quick as a flash, and you can see all

just as they looked. You will think it must have taken Harry lots of time to break these



HARRY AND HIS TEAM Yes, it did, but then boys calves. have lots of odd hours, and Harry used his in training his calves, be-

sides forming the habit of industry. The managers of the fair invited Harry to bring his trained calves to he fair and go in the procession in the ring, and gave him a premium for doing so. That was why he was feeling so gay and proud coming home that evening from the county fair. His little yoke of steers, one year old, had won a prize all through his own efforts.

One day Harry's father wanted some bran from the feed store, two miles away, and Harry said he could go after it with his wagon and calves. There was a big hill to come up on the road home, and Harry's father thought that they could not haul more than 200 or 300 pounds, but Mr. Stebbins was surprised to see them bring home 700 pounds. Some time before Christmas Harry sold his calves for \$45 to a man in the neigh-borhood who wanted a young yoke of oxen for his farm. He is breaking another pair, getting them ready for work on the farm. Apparently this boy is cultivating a love for farm industries that will make the right sort of a farmer.-George E. Scott, in Ohio Farmer.

Our Stardy Country Boys. There is no question of the influence which the sturdy outdoor life has upon country boys; and the fact that the life is harnessed to regular, imperative du-ties is to the boy's advantage. He is developed gradually and healthily, his mind following his physical strength rather than the reverse. And around him, for his everyday observation and study, are the very best object lessons possible for a boy's developing life. He associates familiarly with nature during his work and recreation; and even during his sleep, the air which enters his open chamber window is laden with the odors of apple blossoms, or the harvest season, or, perhaps, is the pure, stimulating atmosphere of the white, undulating winter fields. But it all goes toward making him stronger, sturdier, more self-reliant, more ambitious, more observing. He is healthy all through, physically, mentally, morally .- Farm Journal.

FLY BRUSH FOR CATTLE. Simple Arrangement Which Enables Stock to Wage War Against Insect Enemies,

In the summer it is just as necessary o provide cattle with a place in the pasture field where they may brush off the flies as it is to furnish shade, food or drink. The device in the illustra-tion shows a good arrangement for this purpose. It consists first of four posts set in the form of a rectangle 12 feet long and eight feet wide. At one end the posts are about 51/2 feet high, at the other only three feet. Across each end of the rectangle an eight-inch board is nailed at the top of the posts. In the upper edge of these boards are cut notches about four inches deep and 21/2 inches wide. Beginning next to the posts these notches are cut at intervals of 18 or 20 inches.



inch thick. Arrange these in pairs, as

many pairs as there are notches in each end board, and bore holes through

them at intervals of one foot, prepara-

tory to bolting them together. Brush which has been collected from the

thicket is now placed between these boards and clamped fast. For the sake of clearness only one of these brush is shown in the illustration. The

clamps thus formed are now placed in

the notches prepared for them in the

end boards, with the brush hanging down. They are held down by a nar-row board nailed across the tops of the

posts at each end. The device is now complete. The

difference in height at the two ends makes it suitable for cattle of all sizes.

The brush will last for a long time, but

should they become much worn, or old

and brash, they may be easily replaced.

DRESSING SHEEPSKINS.

Not a very Intricate Operation If Executed According to the Direc-

tions Given Herewith.

To tan sheep hides with the wool on

and to dye wool on the same, spread skin, flesh side up, when taken off.

Sprinkle pulverized alum over it, fol-lowed by a little saltpeter and plenty

of common salt. Roll up and put where it will not freeze. Two ounces each of

alum and salt will tan a sheep or other similar sized skin. When the skin is tanned the flesh on it will rub off easily. Then nail the skin to boards in the

sun, stretching it tight, and apply a lit-

tle neatsfoot oil, which should after-

ward be worked out with a wedge-shaped piece of wood. The skin is then wet until soft and then worked until dry. If it is not worked and rubbed it will dry harsh and stiff. For sheep and

lamb skins a strong suds is usually first made with hot water, in which the

skins are washed carefully, squeezing them between the hands to get the dirt

out of the wool. The skin is then washed in clear water, and alum and salt, half a pound each are dissolved in a little hot water, which is put into enough cold water in a tub to cover two

skins. Let soak over night and then hang on a pole to drain. When well

drained, spread, stretch and tack them to a board, flesh side up. While yet a little damp put on the pulverized salt-peter and alum, rub it in well, then lay

the flesh sides of two skins together and hang them in the shade two or

three days, turning the under skin up Dermost every day until perfectly dry. Then scrape the flesh side with a dull

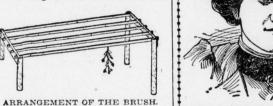
knife to remove the remaining scraps of flesh and rub the flesh side with

pumice stone and afterward with the hands, until soft and pliable. For dye-

ing buy the analine dyes, of the colors

wanted, and get directions with them.

-Orange Judd Farmer.





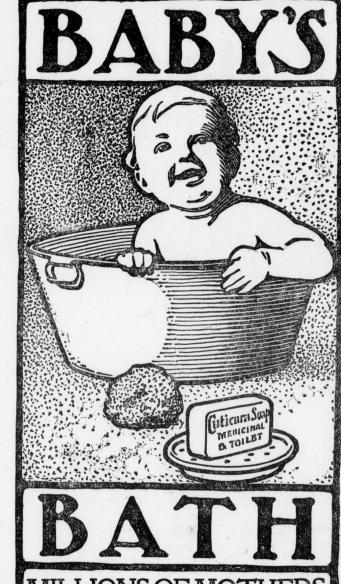
GIVE VALUABLE ADVICE

KATHLEEN GRAHAM.

BEAUTIFUL LADIES

KATHLEEN GRAHAM. Miss Kathleen Graham, 1459 Florida Ave., N. W. Wash., D. C., writes: "At the solicitation of a friend I was ad-vised to use Peruna and after the use of one bottle for dyspepsia I felt almost entirely cured. I take pleasure in rec-ommending your remedy to anyone who needs an invigorating tonic."—Kathleen Graham. De S. P. Methematical and the set of the se

Dr. S. B. Hartman, President of The Hartman Sanitarium, Columbus, Ohio, a prominent authority on women's catarrhal diseases will take charge of as many cases of female catarrh as make application to him during the summer months. Advice free. Address Dr. S. B. Hartman, Columbus, Ohio,



Peruna the Great Tonic Cures For Ills Peculiar to Women, Catarrhal Dyspepsia of Peruna is an Invaluable Remedy.

TO SUFFERING SISTERS.



FLORENCE ALLAN.

Liquid Air for Blasting. In the new Simplon tunnel experi-ments have been made with liquid air for blasting purposes. The cartridges consisted of wrappers filled with paraffin and charcoal soaked with liquid air. When placed in the shot holes they were detonated with guncotton primers. The use of these cartridges was discontinued because they had to ing taken out of the liquid, else their power was gone. But the problem of adapting liquid, else their with vegetables and fruit torder dapting liquid air to blasting is still being studied in Germany.

A Safe for Every Flat. The latest convenience in the New York apartment is a private safe, built into the wall, and so arranged that only the tenant is acquainted with the This makes it possible combination. the vaults of the safe deposit or the bank.

Texas Leads the World.

Texas produces aout a third of the cotton of the country. In peach production the state ranks next to Georgia.

WARM WEATHER DIET.

Ments, Heavy Soups and Hot Bread Should Be Used Sparingly from June to October.

"It is astounding," said a physician to the writer, "how little thought the people give to their food in relation to various seasons of the year. To this very carelessness I lay much summer sickness, often an illness that ends fatally. Take the matter of leftovers. A warming hash, ragout or meat pie is all right for the depth of winter, but not for weather when the blood needs cooling. I would entreat every housekeeper not to buy a morsel of pork, ham or sausage from June till October. Reserve even beef, lamb and veal for the cooler days of summer, and in long hot spells let meat alone entirely. Na-

chicken and fine, firm, white-fleshed fish. If you have left-over foods to be utilized, convert them into chilled. appetizing salads instead of ragouts. If soups are a necessity, let them be thin consomme or chicken soup, not purees or bisques. I would prohibit pie and rich cake, and let fruit, ices. combination. This makes it possible for the flat dweller possessing val-uable silver, jewels and papers to keep them in his apartment instead of in the valuts of the safe deposit or the the valuts of the safe deposit or the achs I'm called to care for all summer long and see the mischief done by overeating and eating things that have no business to be cooked in hot weather, they would realize I am speaking earnest truth." - Good Housekeeping.

Remedy for Duck Cholera,

Mix up a batch of Douglass mixture and use, according to following directions. It is one of the best poultry tonics: Dissolve one pound of copperas (sulphate of iron) in two gallons water, and add one ounce sul-phuric acid. The latter must be carefully handled, as it is a dangerous poi-son. The dose of the mixture is one

tenspoonful to each quart of drink-ing water. Do not use except in cases of disease, or when it is threatened. Good in cases of roup and cholera and as a disinfectant. Keep the ducks in a well sheltered place; don't allow them wet. Feed clean grain and plenty of green grass.-Ohio Farmer.

By all means use water fountains, or least some form of water vessel that the flock cannot be foulwith their feet or otherwise. Set in shady places and fill daily with fresh water.

The ram controls the extenal points as color, size and wool, and the ewe the disposition, constitution and vitality. 264995

-Home, Stock and Farm.

SHEEP ON THE FARM.

They Are of Inestimable Value Be cause of Their Fondness for Young Sprouts and Weeds.

The sheep is among the most use ful and valuable of domestic animals, being a producer of wool used for clothing and other purposes, and of wholesome meat. But the sheep also is of large value on the farm becaus of his fondness for young sprouts and weeds.

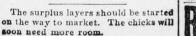
According to an authority there are nearly 600 varieties of known weeds of which sheep will eat 515 kinds, while horses, cattle and hogs will eat but a few varieties. It is apparent that every farmer could well afford to raise a few sheep if for no purpose other than the destruction of weeds.

Weeds increase in numbers and va rieties as the country grows older. They are found most abundantly in the old countries of Europe. Their steady increase in this country demands that farmers should raise sheep as among other means looking to their extermination.

By all means get two or three ewes already bred and give them the run of that foul pasture. Increase the flock by breeding and purchase if advisable, until the number is sufficient to keep down the weeds on a given area.

No farm is properly equipped with-out sheep.—Farmers' Voice.

Dwarf Essex rape will furnish green food for young and old birds Sow now or any time up to September.



MILLIONS OF MOTHERS USE CUTICURA SOAP ASSISTED BY CUTI-CURA OINTMENT THE GREAT SKIN CURE

For preserving, purifying, and beautifying the skin of infants and children, for rashes, itchings, and chafings, for cleansing the scalp of crusts, scales, and dandruff, and the stopping of falling hair, for softening, whitening, and soothing red, rough, and sore hands, and for all the purposes of the toilet, bath, and nursery. Millions of Women use Cuticura Soap in the form of baths for annoying irritations, inflammations, and excortations, for too free or offensive perspiration, in the form of washes for ulcerative weaknesses, and for many sanative, antiseptic purposes which readily suggest themselves to women, especially mothers. No amount of persuasion can induce those who have once used these great skin purifiers and beautifiers to use any others. Cuticura Soap combines delicate emollient properties derived from Cuticura, the great skin cure, with the purest of cleansing ingredients and the most refreshing of flower odors. It unites in ONE SOAP at ONE PRICE, the BEST skin and complexion soap and the BEST toilet, bath, and baby soap in the world.



CONSUMPTION