

Of Interest to Builders.

Prof. Charles L. Norton of the Massachusetts Institute of Technology says that a great deal more care should be taken in protecting steel work and wrought iron work from corrosion.

Women are sure all men have habits of extravagance which need correction.

Smallest Monarchy on Earth.

The sovereign who reigns over the smallest monarchy in the world is the king of Cocos, a group of islands near Sumatra.

Making It Emphatic.

Concerning a certain archdeacon in the English church a tale of modesty is told. He forbade one of his friends to call him "doctor," saying, "If you call me doctor I will do the same for you."

Elephants Long for Freedom.

In captivity elephants always stand up when they sleep, but when in the jungle, in their own land and home, they lie down.

Lightning and Trees.

Prof. Assmann, one of the German government meteorological experts, says that lightning seldom strikes in a forest where the trees are dense and of about the same height.

Try me just once and I am sure to come again. Defiance Butcher.

Unrelenting Victims of Starch.

Why are there two buttons, or even one, on the sleeves of a coat? The writer took a census of his buttons and found that 60 of them were unnecessary.

Wife Drove Pests Away.

A Yorkshire man whose poor relations pestered him continually, married the worst scold in the county in order to have a guardian who would protect him from the importunate legacy hunters.

Insects Don't Touch Rice.

A remarkable fact connected with the rice plant is its almost entire immunity from the attacks of insects, and from those diseases which infect the cereals and other vegetable growths.

Force of Blue Whale.

A blue whale, harpooned by a Newfoundland whaler in Placentia Bay in March, 1903, towed the steam whaler Puma 122 miles, the screw being reversed, at full speed the whole time, and not until twenty-six hours elapsed was exhausted and killed.

BUILDING FOOD

To Bring the Babies Around.

When a little human machine (or a large one) goes wrong, nothing is so important as the selection of food which will always bring it around again.

"My little baby boy fifteen months old had pneumonia, then came brain fever, and no sooner had he got over these than he began to cut teeth and, being so weak, he was frequently thrown into convulsions," says a Colorado mother.

"I decided a change might help, so took him to Kansas City for a visit. When we got there he was so very weak when he would cry he would sink away and seemed like he would die."

"When I reached my sister's home she said immediately that we must feed him Grape-Nuts and, although I had never used the food, we got some and for a few days gave him just the Juice of Grape-Nuts and milk. He got stronger so quickly we were soon feeding him the Grape-Nuts itself and in a wonderfully short time he fattened right up and became strong and well."

"That showed me something worth knowing and, when later on my girl came, I raised her on Grape-Nuts and she is a strong healthy baby and has been. You will see from the little photograph I send you what a strong, chubby youngster the boy is now, but he didn't look anything like that before we found this nourishing food. Grape-Nuts nourished him back to strength when he was so weak he couldn't keep any other food on his stomach." Name given by Postum Co., Battle Creek, Mich.

All children can be built to a more sturdy and healthy condition upon Grape-Nuts and cream. The food contains the elements nature demands, from which to make the soft gray filling in the nerve centers and brain. A well fed brain and strong, sturdy nerves absolutely insure a healthy body.

Look in each pkg. for the famous little book, "The Road to Wellville."



Peach Liqueur. Take mellow, full flavored peaches, wash but do not peel, slice, and put in a stone jar, which must be set for six hours in a kettle of boiling water.

The apron is made with a yoke, that is extended at the front to give a stole effect, fronts and backs. The main portion is gathered at its upper edge and attached to the yoke and front and the closing is made at the center back.

The quantity of material required for the medium size (8 years) is 2 1/2 yards 32 inches wide, with 2 3/4 yards of embroidery to trim as illustrated.



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Pretty Necklaces.

Gold beads look very pretty worn above the low collar of a summer blouse. They are confined to day wear at present, while longer chains of rare stones are liked for evening.

Coral necklaces, as well as those of turquoise beads, have come in with the reappearance of gold ones, and when becoming either of these is a very effective ornament. In one of the prettiest long chains the fine gold links are interspersed with oblong bits of cut aqua marines and swung on the end of the chain is a large locket trimmed with the same stones, only smaller, and in the center rests a single diamond.

For Tailor-Made Gowns.

Chiffon cloth is being largely used for tailor-made gowns this summer. It is perhaps the most fashionable of all the thin fabrics, and, while it has all the suppleness and evanescent beauty of chiffon, it also possesses the durability of cloth, and works up into the most fascinating of dresses.

Shepherd's Plaid in Early.

Shepherd's plaid has made its appearance earlier than usual this year. As a rule, one encounters it only when summer is drawing to a close, and the "ping-pong" of the sportsman's gun is heard echoing across the moors.

The Collar for Silk Frocks.

For wear with silk frocks and ribbon stocks there is a decided demand for the modified medic collar, which takes the place of the plain ruffling, now rather out of date. The new medic ruffe is of net or lawn, edged with valenciennes or mechlin lace, knife pleated, and is from one and a half inches to three inches deep.

A New Fad in Ties.

Grass-green tape ties in white canvas golf and tennis Oxford are a late summer fad at the country clubs, links and tennis courts. Both men and women have taken to wearing them.

No Time Lost.

A mother, after days of preparation for a week's absence from home, suddenly remembered, after the train was well under way, that she had left a bottle of a certain well-known remedy within reach of the needlesome little fingers of her three-year-old son.

Hurriedly calling the porter, the anxious mother prepared a message to be telegraphed from the first station. It read: "Hide bottle of Robb's medicine. Left it on table in my room."

An hour later she received this not altogether soothing message from the boy's father: "Too late. Bobbie got there first." —Chicago Record-Herald.

Few Americans in Europe.

Travelers returning from Europe declare that the scarcity of Americans at continental resorts is very noticeable this season, and hotelkeepers are complaining that not in years have they come upon such hard times.



Bacteria in Soil.

A bacterium is such a small thing that the human eye cannot detect it. It takes the microscope to bring out this minute form of life. It takes some thousands of bacteria to do the work that is done in a single tubercle on the root of a leguminous plant.

Deep or Shallow Soils.

Ordinarily it is desirable to have a deep soil, that the roots of plants may strike deep. The latter is a desideratum for the reason that a deep rooting plant is less affected by the droughts than any others. We see this in the case of some trees, which have tap roots and are seldom affected by the dry weather.

Too Much Water.

The turning yellow of wheat is frequently caused by too much water in the soil. This same effect is sometimes seen in house plants when the owner has been too attentive to them and has watered them too often. In the field of wheat or other crop this condition may exist when the surface soil appears fairly dry.

Industry is not the only thing required on the farm. If it were a great many men that fall would succeed. Keeping eternally at a thing does not always bring success, in spite of the trite saying that it does. Intelligent management is also required, and this kind of management often requires a good deal of information in several directions.

The fall of the year is the time to select the seed corn, and this should be stored in a place that will keep dry and yet not evaporate its moisture too much.

Good seed only can produce good crops, no matter how rich the ground may be or how much good cultivation may be given.

Many plants "run out" because the seed has been carelessly selected from year to year.



The Flat-Headed Borer.

The destructive tree borer so well known to horticulturists as the Flat-headed apple tree borer and to entomologists as Chrysobothris femorata is found in all parts of the country and annually destroys vast numbers of trees. It attacks apple, pear, quince, plum, peach, cherry, ash, elm, maple, box-elder, sycamore and willow trees.

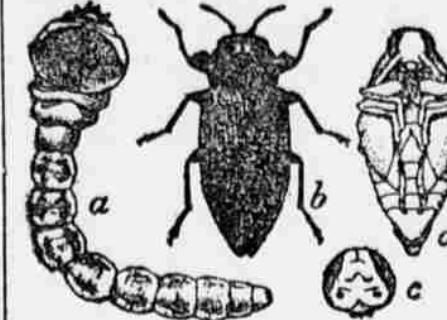


FIG. 3.—Chrysobothris femorata: a, larva; b, beetle; c, head of male; d, pupa—twice natural size (original).

well-established trees, it evidently prefers to select sickly or newly transplanted ones, especially those whose bark has been injured by exposure to the sun. The eggs hatch within a few days after being deposited. The young larva soon eats through the bark and proceeds to bore at some depth beneath the surface, leaving behind it a flattened channel.

There are three ways of combating the borer: (1) by destroying the grubs while they are at work in the tree; (2) by the application of some substance that will prevent the eggs being deposited or will destroy the eggs and newly hatched larvae; and (3) by wrapping the trees with something that will prevent the females gaining access to the bark.

Seedless Fruit Fertilized?

For some time there has been a belief that seedless fruit is developed without fertilization by the pollen. There have been experiments carried on to determine this and it was thought that the experiments were reliable. Without doubt the men that did the work believed that the fruit was unfertilized and were entirely sincere in their expressions in that regard.

The progressive dairyman is careful in the feeding of his cows. He knows that the ration to be an economical one must contain both carbohydrates and proteins, and that an overbalance of one will waste it in the work of digestion.



WASH BLUE Costs 10 cents and equals 20 cents worth of any other kind of bluing. Won't Freeze, Spill, Break Nor Spot Clothes DIRECTIONS FOR USE Wiggle-Stick ground in the water. At all wise Grocers.

Wild Dogs of Central Africa. The wild dog of central Africa, an explorer writes, is common enough. He is an ugly looking beast, with a pld body, coarse hair, short head and large upright ears. These wild dogs play fearful havoc with game, occasionally clearing out whose districts precisely in the same manner as the red dhole of India, before which even the tiger is said to retreat.

"Pen Stammering." "Pen stammering" is the name given by Dr. Bertillon of Paris to a difficulty in writing analogous to stammering in speech. Many persons, he says, are incapable of writing even one of the letters of a word as long as any one is looking at them. Hypnotic suggestion, he thinks, will cure this nervous trouble, as well as writer's cramp.

Greater New York's Pay Roll. Some idea of the size of Greater New York may be gained by the statement that there are 40,000 employees on the pay roll. This is a greater number than many South American republics and petty monarchies of the old world carry, including their standing armies.

Alpena, Mich., Sept. 5 (Special).—Seventy-five years of age but hale and hearty is Mr. Jerome K. Fournier of this place, and to those who ask the secret of his splendid health he gives the good advice "Use Dodd's Kidney Pills."

When asked for his reason for so strongly recommending the Great American Kidney Remedy, Mr. Fournier related the following experience: "I recommend Dodd's Kidney Pills because they cured me of Diabetes. I suffered with my kidneys for a long time and suffered terribly from those Urinary Troubles that are so general among aged people. "Then I started to use Dodd's Kidney Pills and eight boxes of them cured my kidneys, regulated my water and made me feel like a hoary young man." Dodd's Kidney Pills make the old feel young because they make sound kidneys. Sound kidneys mean health and health is the other name for youth.

Most Spoken Languages. There are 523,000,000 Chinese speaking the same language, making Chinese the most spoken language. There are so many dialects which are entirely different that they seem scarcely to belong to the same tongue. The inhabitants of Mongolia and Tibet can barely understand the dialect of the people in Peking. Putting Chinese aside, the most spoken languages are as follows, in millions: English, 120; German, 70; Russian, 68; Spanish, 44; Portuguese, 32.

Condemns Top Hats. The London Medical Press thus issues a call for heroes: "The top hat is ugly, unhygienic and embarrassing. Its sole claim to support is the appearance of respectability it gives. If only a few medical baronets would drive to their consultations in Panama and cloth caps they would break the tyranny of habit over health and comeliness, and at the same time earn the undying gratitude of their humbler confreres."

Refreshments in Church. Family pews were introduced at the beginning of the seventeenth century. Some of these had a table and fireplace, also curtains and window blinds, so as to secure the utmost privacy. This led to abuses. In some of the closed pews card playing was not uncommon and the tedium of a long service was sometimes relieved by light refreshments.—The Reliquary.

Snake That Stole. While working close to a farm house at Fulbeck, in Lincolnshire, a laborer was astonished to see a snake, over a yard long, swim across a stream. With some trouble he captured it and found in its mouth a cheese cake which it had stolen from the farm house larder on the other side of the river.—London Daily Express.

Allen's Foot-Ease, Wonderful Remedy. "Have tried ALLEN'S FOOT-EASE, and find it to be a certain cure, and gives comfort to one suffering with sore, tender and swollen feet. I will recommend ALLEN'S FOOT-EASE to my friends, as it is certainly a wonderful remedy.—Mrs. N. H. Gullford, New Orleans, La."

University Celebration. The University of Freiburg had a grand celebration recently—processions, fireworks, illuminations, addresses, the occasion being the rounding out of the number of students to 2,000. One of the speakers referred to the fact that the number 1,000 was reached in 1885, and he was much applauded when he pointed at a babe in the arms of a nurse as the future four-thousandth student.

It's but a slipper step from smartness to sin.