

DICKENS' TWO LOVE AFFAIRS

Biographers Generally Have Overlooked Interesting Passages in the Life of the Great Novelist.

The many biographers of Charles Dickens have made little mention of his love affairs...

"When only a boy of five years Charles Dickens had a little playmate named Lucy, a beautiful fair-haired child, whom he loved to distraction."

The original of Dora Spellow in "David Copperfield" was a later love of Dickens, and one which was unhappy for him.

She went away to Paris to study art, and completely forgot the unhappy lover.

But the lady whom the novelist had known and loved had changed. Charles Dickens, at all times a sentimentalist, was prepared to find her grown old with him...

NEW PROCESS IN SCULPTURE

Invention of Italian Scientist Will Revolutionize Work of Masters of the Chisel.

A process for producing bas-reliefs by photography is the fruit of the invention of an Italian scientist.

The basis of the invention is the property possessed by a film of chromium gelatin of swelling in proportion to the intensity of the light falling upon it.

The transparency of an ordinary negative, however, is not truly proportional to the relief of the original model, but by an ingenious automatic device involving double exposure this difficulty is avoided...

Proof That Snails Have Sense.

Those who contend that snails are without sense may be referred to the experiment of a lady who proved otherwise. First she touched the mouth of a water snail with a little piece of lettuce...

The effect of the training, we are told, lasted for 90 hours after it had ceased. Then, like a human being, the snail began to sulk, and responded no further.

At a Disadvantage.

There had been unpleasant words before between the dramatist and a leading comedian as to the latter's habit of adding impromptu jokes to his part.

Be Careful What You Write.

Never get angry on paper. The written word can be used effectually against you long after the spoken word is forgotten, and might place you in a dangerous or embarrassing position in a court of law.

Original Personality.

The approach to the comprehension of any original personality in art or in philosophy is slow but full of fascination. One first impulse, I have usually found, is one of tedious indifference followed by rejection...



EASY WORK FOR YOUNGSTERS

Training and Experience Which Boys and Girls Realize is of Great All-Round Value.

(Prepared by the United States Department of Agriculture.)

Teaching poultry club boys and girls the rudiments of poultry keeping was begun by the United States department of agriculture about seven years ago.

"I keep Barred Plymouth Rocks and single-comb Rhode Island Reds, and in setting my hens I always remove the broody hens from the laying pens and place them in some other building where they will not be disturbed."

"When the chicks come I do not feed them anything except grit and charcoal until they are 48 hours old, when I give them either oatmeal and hard-boiled eggs chopped fine, or else biscuit crumbled up with the eggs."

"At about the end of the first week I begin feeding small grain in the morning, at midday, and in the evening, and keep a mash made of wheat bran and a little cornmeal, and 10 per cent of beef scrap before the chickens all the time."

"This spring I hatched 135 Red chicks and 110 Rocks and raised nearly all of them. I sold 30 young cockerels and have on hand 135 chicks at the effect of relief."



Barred Plymouth Rock Pullet.

present, some of them very fine pullets. I have sold 50 settings of eggs this spring, while during the four months from February to June I sold 164 dozen eggs to neighbors, while we used 42 dozen on our own table.

PREPARE DUCKS FOR MARKET

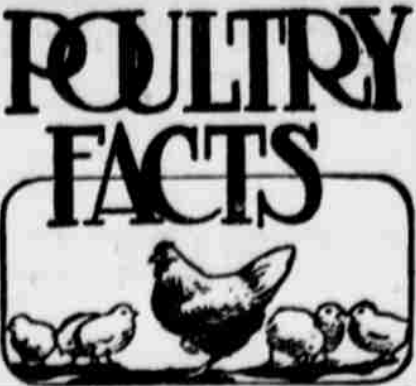
Fowls Should Be Fattened for Two Weeks Before Killing—Green Feed Colors Flesh.

Ducklings to be marketed should be fattened for two weeks before killing on a ration made of three parts, by weight, of cornmeal, two parts of middlings, one part of bran, one-half part of beef scrap, with 3 per cent grit and 10 per cent green feed added to this mash, or a mash of three parts cornmeal, one part low-grade wheat flour, one part bran, one-quarter part beef scrap with the green feed and grit, and 3 per cent oyster shell added.

RANGE FOR GROWING CHICKS

Young Fowls Will Not Eat Too Much If They Are Permitted to Have Necessary Exercise.

Growing chicks will not eat too much if they have plenty of range so they can get the desired exercise. A good growing mash should be accessible at all times to growing chicks.



MAKE PROFITABLE SIDE LINE

Success May Be Attained With Pigeons by Careful Attention to Many Little Details.

(Prepared by the United States Department of Agriculture.)

Many people can keep pigeons successfully as a side issue, although this requires constant oversight and careful attention to details. The greatest difficulties confronting the successful raiser of pigeons seem to be in securing good breeding stock, and finding a market for the produce of a small flock.

Of the squab-raising varieties the Homer is considered the most popular variety. The habit of this bird of returning home if allowed freedom makes it necessary to confine pigeons purchased from other lofts.



Homer Pigeon is Most Popular.

is one of the largest, but is not as prolific or as good a breeder or feeder as the Homer.

Some of the other varieties reported used as squab breeders are the Dragon, White Maltese, or hen pigeon, the White King, and the common pigeon.

BIG RETURNS FROM POULTRY

Arizona Farmer Made Profit of Nearly \$300 From Small Flock in Short Space of Time.

(Prepared by the United States Department of Agriculture.)

A net return of nearly \$300 in two and one-half months from a side line on the farm is the record made by a Glendale, Ariz., farmer who is carrying on his operations under the direction of a poultry extension expert of the United States department of agriculture.

GET RID OF DISEASE GERMS

Drive Out Fowls, Close House Tightly and Burn Sulphur in It for an Hour—Then Air It.

To rid the house of disease germs and vermin drive out the fowls, close the house tightly and burn sulphur in it until the entire house is full of blue fumes. Let it remain closed an hour and then air it thoroughly before the fowls return.

SMALL BACK YARD FOR HENS

Whether They Can Be Kept at Advantage Depends on Whether They Get Proper Care.

The smallest back yard affords an opportunity to keep a few hens. Whether the occupant of the premises can keep those few hens to advantage depends upon whether he or she can and will give them the necessary care.

TAKES NO ACCOUNT OF TIME

Australian "Sundowner" a Carefree Wanderer Along the Dusty River Roads of Australia.

And there, a lone pathetic figure on the river road of the Australian bush is the swagman, the sundowner—thus picturesquely named because of his habit of arriving at a homestead exactly as the sun goes down, and so insuring that he will be offered rations and a place to camp should he desire it.

The gray dust of the plains is on his bronzed and bearded face, on his simple dress of Crimean shirt and muleskin trousers, on his rough unblackened boots, on his blanket bundle strapped across his shoulders, on his swinging tilly can and dangling ration bags.

At his heels is a dog which may be the veriest mongrel, or may be a champion sheep dog of pure pedigree and worth anything up to \$250. His day's march may be two miles or twenty, according to the goal which he has set himself to reach as the sun goes down.

WORDS TOO OFTEN CONFUSED

Excellent Point Made in Emphasis of Difference Between "Training" and "Education."

The difference between training and education was well expressed by Dr. C. Stuart Gager in his address to the graduating class of the school of horticulture for women, when he said:

"Cloth would be spun on hand looms today had no other factor been introduced into spinning than the instruction of daughters by mothers. This kind of instruction does not make for progress; it can never convert a trade into a profession. The spinning jenny was not invented by a spinner, nor the wireless telegraph by a telegraph operator, nor the science of agronomy by practical farmers."

"Progress depends upon a fullness of preparation exceeding the limits of anticipated requirement in practice. That is why I have never liked the phrase 'teachers' training class.' Horses may be trained, and a well-trained horse may be depended on to do accurately and promptly the tricks that are taught him. But place him in a new situation or confront him with a new problem or an old one somewhat altered—and you may then learn clearly and easily the difference between training and education."

Life Without Microbes.

"Microbes are not indispensable to all life if they are indispensable to any. The question has been definitely settled, it is claimed by some authorities.

A cage completely sterilized at 90 degrees was made and the openings of the cage closely stopped with cotton and protected from the outside by a hermetically closed metallic chamber. Such manipulations as were necessary in opening the cage were made by hands guarded by aseptic rubber cloth.

Despised Wares.

Seeing that I cannot choose any subject of great utility or pleasure, because my predecessors have already taken as their own all useful and necessary themes, I will do like one who, because of his poverty, is the last to arrive at the fair, and not being able otherwise to provide himself, chooses all the things which others have already looked over and not taken, but refused as being of little value. With these despised and rejected wares—the leavings of many buyers—I will load my course, distributing, not, indeed, amid the great cities, but among the mean hamlets, and taking such rewards as befits the things I offer.—Leonardo da Vinci.

Date Tree Rightly Prized.

To the Arab the date tree is the perfection of beauty and utility. Every part of this tree has its use to him. The pistils of the date blossom contain a fine curly fiber, which is beaten out and used in all eastern baths as a sponge for sponging the body. At the extremity of the trunk is a terminal bud containing a white substance resembling an almond in consistency and taste, but a hundred times as large. This is a great table delicacy.

INOCULATION OF LEGUMES BE DONE

OREGON AGRICULTURAL COLLEGE, Corvallis, Dec. 11.—Valuable assistance to farmers of the state is expected to be given by the department of bacteriology of the college as a result of the purchase of a \$400 autoclave by means of which it will be possible to prepare cultures for inoculation of legumes to affect

thousands of acres of land. The college expects to give this service at a cost of approximately 25 cents an acre. Many requests are received by the department annually for the cultures. Cattle, sheep, and hog disease vaccines will also be prepared by means of the apparatus which is expected to arrive the latter part of December. The autoclave will be used in the instructional work in senior courses.

Put it in The Bulletin.

REPORT OF THE CONDITION OF The First National Bank of Bend AT BEND, IN THE STATE OF OREGON, AT THE CLOSE OF BUSINESS ON NOVEMBER 17, 1919. RESOURCES.

Table with 2 columns: Resource Name and Amount. Includes Loans and discounts, Total loans, Foreign bills, Overdrafts, U.S. Government securities, Bonds, Securities, Stock of Federal Reserve Bank, etc.

Table with 2 columns: Liability Name and Amount. Includes Capital stock paid in, Surplus fund, Undivided profits, Interest and discount, Circulating notes, Net amounts due to banks, Certified checks, Cashier's checks, Demand deposits, Individual deposits, Other demand deposits, Time deposits, Postal saving deposits, Other time deposits.

State of Oregon, County of Deschutes, ss: I, L. G. McReynolds, Cashier of the above-named bank, do solemnly swear that the above statement is true to the best of my knowledge and belief.

REPORT OF THE CONDITION OF Lapine State Bank AT LA PINE, IN THE STATE OF OREGON, AT THE CLOSE OF BUSINESS ON NOVEMBER 17, 1919. RESOURCES.

Table with 2 columns: Resource Name and Amount. Includes Loans and discounts, Overdrafts, Bonds and warrants, Banking house, Furniture and fixtures, Due from banks, Due from approved reserve banks, Checks and other cash items, Cash on hand, Other resources, War Savings Stamps.

Table with 2 columns: Liability Name and Amount. Includes Capital stock paid in, Surplus fund, Undivided profits, Individual deposits, Cashier checks, Time and Savings Deposits.

State of Oregon, County of Deschutes, ss: I, George M. Mayfield, President of the above-named bank, do solemnly swear that the above statement is true to the best of my knowledge and belief.