

# POULTRY

## ANATOMY OF DOMESTIC HENS

Skeleton of Rhode Island Fowl is illustrated—Bones are Capable of Carrying Much Flesh.

(By R. G. WEATHERSTONE.)

The illustration accompanying this paragraph is that of the skeleton of a Rhode Island Red hen. The bones are large, strong and capable of carrying a large amount of flesh. It is essential that a good judge of poultry should be thoroughly familiar with the anatomy of domestic fowls. A judge who is thoroughly qualified ought to be able in most instances to describe the breed of a fowl while he is blindfolded by merely feeling the bones, the flesh and its general contour. He must always have an ac-



Skeleton of Hen.

curate knowledge of the correct shape of any particular breed, as to its head, comb, neck, wings and all other parts, and of course must be thoroughly familiar with color in every variety. He must know whether or not a bird carries his head and tail correctly, whether the breast bone is too high or too low, and whether the leg bones are in the proper position and of the right size.

In scoring fowls, symmetry is the first thing that catches the judge's eye. He at first takes in the style of the birds, as a whole, typical of its own breed, and then follows by judging its points one by one. In judging the head, close attention is given to the length and curvature of skull and beak.

## PROPER HEAT FOR CHICKENS

Most Reliable Guide for Temperature is Action of Little Fellows—Brooders Vary.

(By W. H. KELLY.)

The warmest part of the brooder should be in the center rather than at the side or corner. If the heat comes from above and a considerable portion of the brooder be heated to the same temperature, no crowding will take place.

The temperature given for running brooders vary with the machine and the position of the thermometer. The one reliable guide for temperature is the action of the chicks.

If they are cold they will crowd toward the source of heat; if too warm they will wander uneasily about; but if the temperature is right, each chick will sleep stretched out on the floor.

The cold chicken does not sleep at all, but puts in its time fighting its way toward the source of heat. In an improperly constructed or improperly run brooder the chicks go through a varying process of chilling, sweating and struggling when they should be sleeping, and the result is puny chicks that dwindle and die.

The arrangement of the brooder for the sleeping accommodations of the chicks is important, but this is not the only thing to be considered in a brooder.

The brooder used in the early season and especially the outdoor brooder, must have ample space provided for the day time accommodation of the chick.

This part of the brooder must be well lighted and somewhat cooler than the hovey. As soon as conditions will permit, get the chickens out on a larger floor, or, better still, on the ground.

Keep the chicks scratching in daylight and sleeping stretched out at night, and the most difficult problem of poultry-raising has been solved.

## Provide a Dust Bath.

The setting hen should be provided with a dust bath, a place where she can dust herself each day when she comes out of the nest. If provided with a proper place and right material she will generally keep herself free from lice, but if she does not do so, she ought to be dusted at least once a week with insect powder. After all the chicks are out of the shells, the hen should be dusted again for fear of lice upon the chicks. The dust left on the hen's feathers will cause the lice on the chicks to die or move away.

## Best Breed for Eggs.

The best breed for egg production is one that has been bred especially for egg production and not a part-time breed.

## COOP FOR TWENTY CHICKENS

House Illustrated Furnishes Ample Shelter and Scratching Rooms for Birds.

The houses described herewith furnish shelter for about 20 fowls and provide nesting and scratching room, writes Mr. M. R. Conover in the Home-stead. The house shown in Fig. 1 has a double-pitched roof, is 10 feet long,

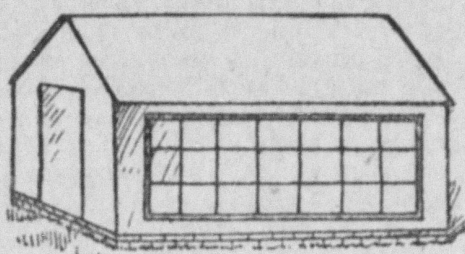


FIG. 1.

4 feet wide, 5 1/2 feet high from the peak of the roof to the ground and 4 feet from the lower edge of the roof to the floor. The sunny side of the building has a glass sash which in warm weather is removed and a canvas-covered sash placed in its stead. At the rear are nests beneath the roosts. A door at one end allows entrance. The poultry exit may be at the side or directly beneath the sash. Nests are accessible for egg collections by lifting a trap door at the back of the building. The house shown in Fig. 2 has the same dimensions and a single-pitched roof. The roosts are at the back and nests are accessible as in Fig. 1. A sash fits into the front. The houses are weather-boarded and the roofs covered with tarred paper. A brick foundation may be used, or the building set on posts. Fig. 1 requires 28 feet of timber for the sills, 16 feet of timber for the corner supports, 36 feet of timber for intermediate supports and 56 feet for the rafters. It requires 124 feet of roof boards, 5 inches wide, to be covered with tarred paper and 165 feet of weatherboards, together with 26 feet for door boards and 8 feet of lumber for re-enforcing the door. Two pairs of heavy iron hinges are needed for the trap door giving access to the nests, and one pair for the side door. A strong hasp and staples and a good spring lock should also be provided. The sash for the front is 3 feet high by 8 feet long.

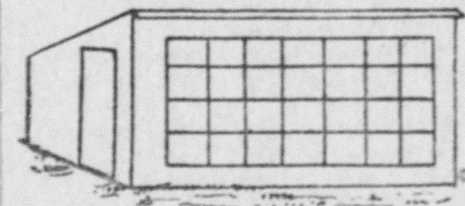


FIG. 2.

The second house is cheaper of construction and requires 19 feet of corner timbers, 28 feet of heavy timber for sills, 29 feet for intermediate supports, 49 feet of rafters for the roof, 19 feet of boards, and 124 feet of weather boards. The door, sash and trap door at the rear are of the same material as in Fig. 1.

## Place for Feeding.

What is the use of keeping the feeding matter for fowls at a distance from the poultry house? Why not have a small compartment built in one corner of the house or adjoining it in which all the feed could be kept. This should be perfectly tight so that the birds cannot reach it. It saves a great deal of time and wading through mud and slush in the bad weather.

# POULTRY NOTES

A fully developed case of roup is a sickening sight.

Give the incubator a thorough cleaning after each hatch.

The dropping boards should be cleaned every morning.

The fellow who falls in the poultry business often lets the hens do all the work.

A bone cutter costs money, but it helps to make more money from the flock.

If any of the old hens are used a second season mate them to vigorous cockerels.

Increase the corn allowance in your evening feed during the cold, damp and chilly nights.

Hens will be much healthier if they are not compelled to sit over filthy droppings all night.

Keep all of the best pullets and as they mature and begin to lay dispose of the poorer mixed hens.

Do not try to stimulate the hens to lay more eggs by feeding pepper or other hot stuff. It is bad business.

In localities where there are no live worms or bugs for the hens these days they must have as a substitute some animal food.

Incubators can be set without much trouble, but it takes a mighty careful person to hatch the chicks and then raise them.

Show time is in full swing and the wise breeder who expects to exhibit is "in line" getting the birds into condition. How about you?

All a hen asks is to possess physical comforts and wholesome feeding. With these supplied she should do business or be sent to the butcher.

The average farmer is not equipped for raising winter chicks on a large scale, but if he has an incubator he will find it profitable to raise a few broilers for the early market.

Where it is not convenient to clean out the droppings as often as several times a week it is a good plan to use some kind of an absorbent in the poultry house.

## FOR EXTRA SESSION

All Arrangements Made By President Taft.

GIVES DEMOCRATS A MONTH.

The Intimation That March 20 Would Be the Date Brought Requests For a Delay From Speaker-Elect Champ Clark.

Washington, D. C.—President Taft has made all preparations to call an extra session of Congress. He will certainly issue the call if the Senate fails to vote on the Canadian reciprocity agreement. He sees so little prospect of securing such action within the next week that he has even fixed upon the date on which the extraordinary session is to meet. That date is April 4.

The President called into consideration the prospective Speaker Champ Clark, and the man who will be chairman of the Committee on Ways and Means, Oscar Underwood of Alabama. They advised a later date than the middle of March and asked for a respite of a month after the end of the present session. By that date the Democrats will have had time to mature their plans and will be ready for action. The President is inclined to grant them this favor, and therefore has fixed the tentative date at April 4. This may be changed to a few days later in April, if necessity arises; but it is the date the President now has in mind.

The Senate leaders see little hope of bringing the Canadian reciprocity agreement to a vote at this session. Many rumors were circulated of moves to remedy the situation, but apparently they were all without foundation.

## WANT MORE POSTAL BANKS.

Urgent Demand Received Every Day in Washington.

Washington, D. C.—Uncle Sam, as a banker, is losing thousands of dollars weekly because he has not enough postal savings banks to "go around."

"Every day," declared an official of the Postoffice Department, "scores of letters are received by Postmaster-General Hitchcock from persons in all parts of the country with sums ranging from \$100 to \$1,000 which they wish to intrust to the Government for safekeeping. They are prevented from doing so because there is no postal bank in their city or town and the law prohibits a resident of one city from depositing in a postal bank located elsewhere."

## CORONATION AVIATION.

Wright Brothers Expected to Represent the United States.

New York.—The Wright brothers are booked to save the situation arising out of the fact that no Americans have yet entered the aviator meet in London during Coronation week. Airmen say that the inducements are not sufficient to warrant the expenditure, but it is reported the Wrights are building a new machine and will participate.

## SINGS IN PUBLIC AT 83.

Member of Henry Ward Beecher's Church Would Not Take Dare.

New York.—Responding to a dare from Dr. J. Wilbur Chapman, the evangelist, Mrs. Mary Langley, who is 83 years old, arose in the noonday meeting of the Chapman-Alexander evangelistic campaign in the Grand Opera House, in Brooklyn, Saturday, and in a clear, steady voice sang a hymn, as she did in the days of Henry Ward Beecher in Plymouth Church.

## Panama Canal Garrison.

Washington, D. C.—Six thousand American troops will man the fortifications which will guard the great Panama Canal from foreign invasion if the plans being perfected by the War Department are adopted. The troops which will comprise the garrisons of the forts will be four regiments of infantry, one squadron of cavalry, three batteries, three field artillery and 12 companies of coast artillery.

## Cholera in Honolulu.

Honolulu.—The Board of Health has taken the most stringent measures to prevent an epidemic of cholera as the result of two cases developing in the tenement quarter. One of the victims, a woman, died, while the other, her father, is dying.

## 36,361 Aliens in Month.

Washington, D. C.—During the month of January 36,361 immigrants were admitted to the United States—24,126 men and 12,241 women. Of this total 6,054 were Hebrews.

## 300 Buildings Burned.

Manila.—Tondo, a suburb of Manila, was swept by fire Saturday more than 300 of the native dwellings being destroyed. The Mary Johnson Hospital was damaged.

## Anti-Damn Ordinance.

New York.—Even such refined swearing as "damn" is to be eliminated from the New York Theater stage if Alderman James Mulhearn has his way. Mr. Mulhearn has drafted a prohibitive ordinance.

## STATE CAPITAL CHAT

Harrisburg Correspondence.

With the Lawmakers.

Representative Shern, Philadelphia, introduced a bill which seeks to subdue and control belligerent congregations. It provides that the receipt and distribution of the funds of every church, congregation and religious society shall be controlled and directed and its affairs and business shall be conducted subject to and in accordance with the rules, canons, discipline and requirements of the religious body to which the church or religious society belongs.

A bill asking for an appropriation of \$56,000 for the Catholic Home for Destitute Children in Philadelphia was introduced by Representative Fahy.

Representative Keely introduced a bill providing that all express companies doing business in Pennsylvania shall be taxed 20 mills on the dollar of actual value of stock of the companies.

In order that their grandchildren and their great-grandchildren shall know of the statesmanship of the present generation Representative Dale, of York, has introduced a bill which provides for some substantial evidence of the fact.

The bill to permit adoption of adult persons as heirs was passed finally and that providing for removal of the Western Penitentiary was recommitted to the Appropriations Committee.

A bill appropriating \$785,000 for the maintenance of the National Guard of Pennsylvania for the biennial appropriation period was introduced by Mr. Dale, of York. The amount is the same as carried by the act of 1909.

A bill appropriating \$390,000 to the State normal schools was presented by Mr. Whitman, Venango.

Mr. Schad, Allegheny—Creating in counties having between 800,000 and 1,400,000 population a board of three for assessment and revision of taxes, to be appointed by the Auditor General.

Mr. Shadrach, Luzerne—Increasing pay of miners' examining board members from \$3 to \$5 per day, making fees from applicants payable to State and permitting boards to sit eight days a month.

## Need Municipal Primary.

No law exists at present in Pennsylvania for the holding of a primary election this year or in any other year when municipal and county of fee candidates are to be nominated according to the view taken on Capitol Hill by a number of State officials. An act fixing a date in June or September is to be drawn and submitted to the Legislature so that should the bills contemplated by the election code commission fail to pass a measure will be at hand which can be put through to avoid confusion.

## To Report School Code.

John S. Carroll, chairman of the House Committee on Education which is in charge of the school code, says the code would probably be reported out of committee about the middle of March. The committee will give hearings on the code to all who desire to appear within the next two weeks. Berkeley H. Boyd, author of the local option bill, says that he will make the motion to put the local option bill on the calendar, notwithstanding the negative recommendation, on Monday night. It will be debated and voted on the following Monday.

## Out For Associate Judge.

Five aspirants for nominations for Associate Judges have filed nominating petitions at the State Capitol, although the primary election will not be held until June. They are: Montour County, Democrats, Lloyd W. Wellver, Exchange, and Martin H. Schramm, Danville; Republican, Curtis Cook, Danville. Union and Snyder Counties, Republicans, Gottlieb Rowe, White Deer, and Joseph D. Winters, Lewisburg.

## Hearing for Suffragists.

The Senate Committee on Judiciary General has arranged to give a hearing on March 14 on the resolutions proposing amendments to the State Constitution, so that women can vote. The hearing will be the first of the kind ever held at the Capitol. Both sides will be heard.

## Brecht Begins Duties.

M. J. Brecht, former County Superintendent of Schools of Lancaster County, took his seat as a State Railroad Commissioner Thursday, succeeding John Y. Boyd, of this city. He was sworn by Judge Landis at Lancaster.

## Verdict Against State.

The jury in the damage suit brought by residents of Florence Jefferson county, against the state for recovery of loss sustained through state police blowing up their house in attempting to apprehend a desperado, brought in a verdict of \$2361. This case was a test case the whole number of suits involving \$3100, and the Legislature will be asked to make an appropriation to cover the amounts.

## THE DRUGGIST KNEW FROM EXPERIENCE

I have been selling Dr. Kilmer's Swamp-Root for the past three years and those of my customers who buy it, speak favorably regarding it. I have used it in my own family with good results, and I believe the preparation has great curative value. You may use this as you like.

Very respectfully,  
C. B. RUPE & SON,  
By C. B. Rupe, Mgr.,  
Seymour, Texas.

Personally appeared before me this 20th day of July, 1909, C. B. Rupe, Druggist, who subscribed the above statement and made oath that the same is true in substance and in fact.

R. C. JAMES,  
J. P. and Ex-Officio.

Letter to Dr. Kilmer & Co.,  
Binghamton, N. Y.

Prove What Swamp-Root Will Do For You. Send to Dr. Kilmer & Co., Binghamton, N. Y., for a sample bottle. It will convince anyone. You will also receive a booklet of valuable information, telling all about the kidneys and bladder. When writing, be sure and mention this paper. For sale at all drug stores. Price fifty-cent and one-dollar.

## LOGICAL.



Assistant Manager—What shall I do with the amount the cashier took; charge it to profit and loss?  
Manager—No; put it down as running expenses.

## IN CONSTANT PAIN.

Little Rest and Less Peace for the Kidney Sufferer.

Mrs. N. U. Miller, 1509 Jackson St., Baltimore, Md., says: "There was scarcely a moment I was not suffering from kidney trouble. Every movement caused misery and at night I could not sleep owing to the intense pain. Dizzy spells were frequent and obliged me to sit down to keep from falling. Kidney secretions were generally profuse, then again scanty and deposited heavy sediment. My feet and ankles were

so badly swollen that mornings I could not wear my shoes. Today I am free from kidney trouble. Two boxes of Doan's Kidney Pills effected a complete cure."

Remember the name—Doan's.

For sale by all dealers. 50 cents a box. Foster-Milburn Co., Buffalo, N. Y.

## The Final Settlement.

"A verdict for \$10,000 isn't so bad," said the junior partner. "How much shall we give our client?"

"Oh, give him \$50," answered the senior partner. "But hold!"

"Well?"

"Don't be hasty. Promise to give him \$50."

## TO DRIVE OUT MALARIA AND BUILD UP THE SYSTEM.

Take the Old Standard GROVER'S TASTELESS CHILL TONIC. You know what you are taking. The formula is plainly printed on every bottle, showing it is simply Quinine and Iron in a tasteful form. The Quinine drives out the malarial and the iron builds up the system. Sold by all Dealers for 30 cents. Price 30 cents.

## Consulted Him Often.

Mrs. Benham—Health is wealth.

Benham—At the rate you have the doctor you ought to "get rich quick."

## FOR COLDS AND GRIP.

Hicks' CAPSICUM is the best remedy—relieves the aching and feverishness—cures the Cold and restores normal conditions. It's liquid—effects immediately. 10c., 25c., and 50c. At drug stores.

## If a man's wife can read about politics without wishing she were a man, he will never experience the pleasure of being henpecked.

Dr. Pierce's Pleasant Pellets regulate and invigorate stomach, liver and bowels. Sugar-coated, tiny, granules, easy to take. Do not grip.

Sympathy sometimes means sitting in a car and passing out soft words to lame folk.

## ONLY ONE "BROMO QUININE."

That is LAXATIVE BROMO QUININE. Look for the signature of E. W. GROVE. Used the World over to Cure a Cold in One Day. 25c.

## His Light.

Ella—He says that I am the light of his life.

Stella—That's gas.

Druggists everywhere sell Garfield Tea, the Herb Laxative. It acts as a gentle aid to Nature.

Dwellers in glass houses should keep out of politics.

## IF YOU HAVE A SICKLY YOUNGSTER TRY THIS FREE

The family with young children that is without sickness in the house now and then is rare, and so it is important that the head of the house should know what to do in the little emergencies that arise. A child with a serious ailment needs a doctor. It is true, but in the majority of instances, as any doctor knows, the child suffers from some intestinal trouble, usually constipation.

There is no sense in giving it a pill or a remedy containing an opiate, nor is flushing of the bowels to be always recommended. Rather give it a small dose of a mild, gentle laxative tonic like Dr. Caldwell's Syrup Pepsin, which, by cleaning out the bowels and strengthening the

little stomach muscles, will immediately correct the trouble.

This is not alone our opinion but that of Mrs. N. H. Mead of Freeport, Kansas, whose granddaughter has been taking it successfully and of Mrs. J. R. Whiting of Lena, Wis., who gives it to her children and takes it herself. It is sold in fifty-cent and one-dollar bottles at every drug store, but if you want to test it in your family before you buy it send your address to Dr. Caldwell and we will forward a supply free of charge.

For the free sample address Dr. W. H. Caldwell, 261 Caldwell Building, Monticello, Ill.

## PILES

"I have suffered with piles for thirty-six years. One year ago last April I began taking Cascarets for constipation. In the course of a week I noticed the piles began to disappear and at the end of six weeks they did not trouble me at all. Cascarets have done wonders for me. I am entirely cured and feel like a new man." George Kryder, Napoleon, O.

Pleasant, Palatable, Potent, Taste Good, Do Good, Never Sicken, Weaken or Grip. 10c., 25c., 50c. Never sold in bulk. The genuine tablet stamped C. C. Guaranteed to cure or your money back.



Note Slip Easy tab found on our collars only

As necktie cannot touch collar button it slides freely. Tab will not get out of place when laundered. Cost no more than ordinary collars, and gives more comfort, more wear, more style. If your dealer don't have them, write us. G. W. FERGUSON COLLAR CO., Troy, N. Y.

## Make the Liver Do its Duty

Nine times in ten when the liver is right the stomach and bowels are right.

CARTER'S LITTLE LIVER PILLS

gently but firmly compel a lazy liver to do its duty.

Cures Constipation, Indigestion, Sick

Headache, and Distress after Eating.

Small Pill, Small Dose, Small Price

Genuine must bear Signature

Warranted



## CHEAPER THAN INSURANCE.

Mexican Mustang Lintiment is made of the best oils and penetrates quickly, soothing and healing the affected parts.

It makes good all losses occasioned by accidents and is cheaper than any insurance policy.

It will take a curb off your horse or cure him of the heaves.

It will cure him of cracked heels or greasy heels.

No matter how long-standing or deep-seated the pain, this old reliable remedy will kill it.

25c., 50c., \$1 a bottle at Drug & Gen'l Stores.

## BE YOUR OWN BOSS

You can earn \$25.00 every week of your life. We will start you in a splendid new business—no competition. Possibilities unlimited. Very small capital required. This advertisement will not appear again, so be sure and write today.

D. F. Clark, 149 Broadway, New York City

Readers of this paper desiring to buy anything advertised in its columns should insist upon having what they ask for, refusing all substitutes or imitations.

## MOTHER GRAY'S SWEET POWDERS FOR CHILDREN

Relieve Feverishness, Constipation, Colds and correct disorders of the stomach and bowels. Used by Mothers for 22 years. At all Druggists 25c. Sample mailed FREE.

TRADE MARK. Address: A. S. Oatwell, Le Roy, N. Y.



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The family with young children that is without sickness in the house now and then is rare, and so it is important that the head of the house should know what to do in the little emergencies that arise. A child with a serious ailment needs a doctor. It is true, but in the majority of instances, as any doctor knows, the child suffers from some intestinal trouble, usually constipation.

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